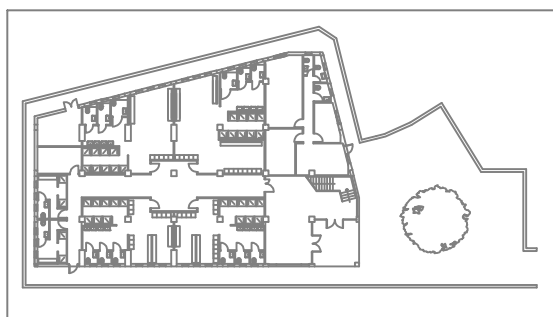




UNIVERSITA' DEGLI STUDI DI PALERMO

AREA TECNICA E PATRIMONIO IMMOBILIARE

LAVORI DI COSTRUZIONE DI UNA PALESTRA CON SPOGLIATOIO ED
INTERVENTI DI MANUTENZIONE STRAORDINARIA DI ALCUNI IMMOBILI
PRESSO IL CENTRO UNIVERSITARIO SPORTIVO DI PARCO D'ORLEANS



ELABORATI

STRUTTURALI

TITOLO

S_02.2. TABULATO DI CALCOLO 2_2

PROGETTAZIONE
ARCHITETTONICA

Arch. Rosario Lo Piccolo

Arch. Costanza Conti

PROGETTAZIONE
PISTA DI ATLETICA

Arch. Carlo Gristina

PROGETTAZIONE STRUTTURE

Ing. Antonio Sorce

IL COLLABORATORE ALLA
PROGETTAZIONE STRUTTURE

Ing. Marco Filippo Ferrotto

PROGETTAZIONE IMPIANTI
ELETTRICI E SPECIALI

Ing. Giovanni Signorino

PROGETTAZIONE IMPIANTI
IDRICI E ANTINCENDIO

Ing. Dario La Torre

PROGETTAZIONE IMPIANTI
DI CONDIZIONAMENTO

Arch. Daniela Romano

IL RETTORE

Prof. Massimo Midiri

IL RESPONSABILE DEL
PROCEDIMENTO

Arch. Giuseppe Rotolo

IL DIRIGENTE

Ing. Antonio Sorce

ELAB. N.

S_02.2

PROGETTO
PALESTRA CUS

Relazione

Scala: /

DATA: Giugno 2022

REV.: 00

TRAVI (CA) - VERIFICA COMPOSTA TAGLIO/TORSIONE ALLO SLU (Elevazione)

Travi (CA) - Verifica composta taglio e torsione SLU								
Id _{Tr}	%L _{LT}	T _{Ed}	+ / -	V _{Ed,2}	V _{Rcd}	T _{Rcd}	Ctgθ	CS _{v,T}
	[%]	[N-m]		[N]	[N]	[N-m]		
Trave 37-40	100.0%	10646	+ -	0 -92 536	615 006 615 006	112 846 112 846	2.50 2.50	VNR 4.08
	0%	53603	+ -	62 687 -20 630	613 725 613 725	112 846 112 846	2.50 2.50	1.73 1.97
	12.5%	53603	+ -	62 687 -26 079	613 725 613 725	112 846 112 846	2.50 2.50	1.73 1.93
	25.0%	53603	+ -	58 989 -31 524	613 725 613 725	112 846 112 846	2.50 2.50	1.75 1.90
	37.5%	53603	+ -	53 540 -36 544	613 725 613 725	112 846 112 846	2.50 2.50	1.78 1.87
	50.0%	53603	+ -	48 090 -40 849	613 725 613 725	112 846 112 846	2.50 2.50	1.81 1.85
	62.5%	53603	+ -	42 737 -44 443	613 725 613 725	112 846 112 846	2.50 2.50	1.84 1.83
	75.0%	53603	+ -	38 007 -47 320	613 725 613 725	112 846 112 846	2.50 2.50	1.86 1.81
	87.5%	53603	+ -	33 991 -48 899	613 725 613 725	112 846 112 846	2.50 2.50	1.89 1.80
	100.0%	53603	+ -	30 691 -48 899	613 725 613 725	112 846 112 846	2.50 2.50	1.90 1.80
Piano copertura					Travata: Trave 8-16-17-25-32-38-41			
Trave 8-16	0%	14487	+ -	160 761 0	660 760 660 760	112 846 112 846	2.50 2.50	2.69 VNR
	12.5%	14487	+ -	160 761 -3 509	660 760 660 760	112 846 112 846	2.50 2.50	2.69 7.48
	25.0%	14487	+ -	124 682 -29 135	660 760 660 760	112 846 112 846	2.50 2.50	3.15 5.80
	37.5%	14487	+ -	99 055 -54 764	660 760 660 760	112 846 112 846	2.50 2.50	3.59 4.73
	50.0%	14487	+ -	73 428 -80 392	660 760 660 760	112 846 112 846	2.50 2.50	4.18 4.00
	62.5%	14487	+ -	47 800 -106 021	660 760 660 760	112 846 112 846	2.50 2.50	4.98 3.46
	75.0%	14487	+ -	22 171 -133 440	660 760 660 760	112 846 112 846	2.50 2.50	6.18 3.03
	87.5%	14487	+ -	0 -167 482	660 760 660 760	112 846 112 846	2.50 2.50	VNR 2.62
	100%	14487	+ -	0 -167 482	660 760 660 760	112 846 112 846	2.50 2.50	VNR 2.62
	0%	16901	+ -	132 151 -44 876	658 555 658 555	112 846 112 846	2.50 2.50	2.85 4.59
Trave 16-17	12.5%	16901	+ -	132 151 -56 808	658 555 658 555	112 846 112 846	2.50 2.50	2.85 4.24
	25.0%	16901	+ -	132 151 -68 732	658 555 658 555	112 846 112 846	2.50 2.50	2.85 3.93
	37.5%	16901	+ -	126 254 -80 649	658 555 658 555	112 846 112 846	2.50 2.50	2.93 3.67
	50.0%	16901	+ -	114 310 -92 557	658 555 658 555	112 846 112 846	2.50 2.50	3.09 3.44
	62.5%	16901	+ -	102 374 -104 460	658 555 658 555	112 846 112 846	2.50 2.50	3.28 3.24
	75.0%	16901	+ -	90 445 -112 392	658 555 658 555	112 846 112 846	2.50 2.50	3.48 3.12
	87.5%	16901	+ -	78 523 -112 392	658 555 658 555	112 846 112 846	2.50 2.50	3.72 3.12
	100.0%	16901	+ -	66 610 -112 392	658 555 658 555	112 846 112 846	2.50 2.50	3.99 3.12
	0%	7194	+ -	109 392 -55 031	658 266 658 266	112 846 112 846	2.50 2.50	4.35 6.79
	12.5%	7194	+ -	109 392 -66 661	658 266 658 266	112 846 112 846	2.50 2.50	4.35 6.06
Trave 17-25	25.0%	7194	+ -	109 392 -78 222	658 266 658 266	112 846 112 846	2.50 2.50	4.35 5.48
	37.5%	7194	+ -	100 798 -89 720	658 266 658 266	112 846 112 846	2.50 2.50	4.61 5.00
	50.0%	7194	+ -	89 068 -101 152	658 266 658 266	112 846 112 846	2.50 2.50	5.02 4.60
	62.5%	7194	+ -	77 402 -112 519	658 266 658 266	112 846 112 846	2.50 2.50	5.51 4.26
	75.0%	7194	+ -	65 803 -120 762	658 266 658 266	112 846 112 846	2.50 2.50	6.11 4.05
	87.5%	7194	+ -	54 269 -120 762	658 266 658 266	112 846 112 846	2.50 2.50	6.84 4.05
	100%	7194	+ -	42 803 -120 762	658 266 658 266	112 846 112 846	2.50 2.50	7.77 4.05
	0%	24394	+ -	65 523 -20 332	659 218 659 218	112 846 112 846	2.50 2.50	3.17 4.05
	12.5%	24394	+ -	65 523 -24 929	659 218 659 218	112 846 112 846	2.50 2.50	3.17 3.94
	25.0%	24394	+	61 303	659 218	112 846	2.50	3.23

Travi (CA) - Verifica composta taglio e torsione SLU								
Id _{Tr}	%L _{Lt} [%]	T _{Ed} [N-m]	+/-	V _{Ed,2} [N]	V _{Rcd} [N]	T _{Rcd} [N-m]	Ctgθ	CS _{v,T}
			-	-29 767	659 218	112 846	2.50	3.83
	37.5%	24394	+	56 717	659 218	112 846	2.50	3.31
			-	-34 845	659 218	112 846	2.50	3.72
	50.0%	24394	+	51 887	659 218	112 846	2.50	3.39
			-	-40 167	659 218	112 846	2.50	3.61
	62.5%	24394	+	46 814	659 218	112 846	2.50	3.48
			-	-45 731	659 218	112 846	2.50	3.50
	75.0%	24394	+	41 500	659 218	112 846	2.50	3.58
			-	-51 536	659 218	112 846	2.50	3.40
	87.5%	24394	+	35 947	659 218	112 846	2.50	3.69
			-	-57 483	659 218	112 846	2.50	3.30
	100%	24394	+	30 148	659 218	112 846	2.50	3.82
			-	-57 483	659 218	112 846	2.50	3.30
	0%	4832	+	55 516	659 504	112 846	2.50	7.87
			-	-33 455	659 504	112 846	2.50	10.69
	12.5%	4832	+	55 516	659 504	112 846	2.50	7.87
			-	-38 115	659 504	112 846	2.50	9.94
	25.0%	4832	+	51 174	659 504	112 846	2.50	8.30
			-	-43 019	659 504	112 846	2.50	9.26
	37.5%	4832	+	46 519	659 504	112 846	2.50	8.82
			-	-48 166	659 504	112 846	2.50	8.63
	50.0%	4832	+	41 625	659 504	112 846	2.50	9.44
			-	-53 552	659 504	112 846	2.50	8.06
	62.5%	4832	+	36 487	659 504	112 846	2.50	10.19
			-	-59 181	659 504	112 846	2.50	7.54
	75.0%	4832	+	31 108	659 504	112 846	2.50	11.11
			-	-65 053	659 504	112 846	2.50	7.07
	87.5%	4832	+	25 486	659 504	112 846	2.50	12.28
			-	-71 064	659 504	112 846	2.50	6.64
	100%	4832	+	19 623	659 504	112 846	2.50	13.78
			-	-71 064	659 504	112 846	2.50	6.64
	0%	27514	+	62 444	657 648	112 846	2.50	2.95
			-	-48 308	657 648	112 846	2.50	3.15
	12.5%	27514	+	62 444	657 648	112 846	2.50	2.95
			-	-51 632	657 648	112 846	2.50	3.10
	25.0%	27514	+	60 613	657 648	112 846	2.50	2.98
			-	-55 086	657 648	112 846	2.50	3.05
	37.5%	27514	+	57 389	657 648	112 846	2.50	3.02
			-	-58 669	657 648	112 846	2.50	3.00
	50.0%	27514	+	54 038	657 648	112 846	2.50	3.07
			-	-62 380	657 648	112 846	2.50	2.95
	62.5%	27514	+	50 556	657 648	112 846	2.50	3.12
			-	-66 219	657 648	112 846	2.50	2.90
	75.0%	27514	+	46 948	657 648	112 846	2.50	3.17
			-	-70 186	657 648	112 846	2.50	2.85
	87.5%	27514	+	43 209	657 648	112 846	2.50	3.23
			-	-72 650	657 648	112 846	2.50	2.82
	100.0%	27514	+	39 343	657 648	112 846	2.50	3.29
			-	-72 650	657 648	112 846	2.50	2.82
Piano copertura					Travata: Trave 27-34			
Trave 27-34	0%	3702	+	111 946	613 311	112 846	2.50	4.64
			-	-75 014	613 311	112 846	2.50	6.45
	12.5%	3702	+	111 946	613 311	112 846	2.50	4.64
			-	-77 088	613 311	112 846	2.50	6.31
	25.0%	3702	+	110 523	613 311	112 846	2.50	4.69
			-	-79 161	613 311	112 846	2.50	6.18
	37.5%	3702	+	108 448	613 311	112 846	2.50	4.77
			-	-81 235	613 311	112 846	2.50	6.05
	50.0%	3702	+	106 376	613 311	112 846	2.50	4.85
			-	-83 307	613 311	112 846	2.50	5.93
	62.5%	3702	+	104 301	613 311	112 846	2.50	4.93
			-	-85 381	613 311	112 846	2.50	5.81
	75.0%	3702	+	102 230	613 311	112 846	2.50	5.01
			-	-87 453	613 311	112 846	2.50	5.70
	87.5%	3702	+	100 156	613 311	112 846	2.50	5.10
			-	-88 854	613 311	112 846	2.50	5.63
	100%	3702	+	98 083	613 311	112 846	2.50	5.19
			-	-88 854	613 311	112 846	2.50	5.63
Piano copertura					Travata: Trave 28-35			
Trave 28-35	0%	2407	+	92 265	613 311	112 846	2.50	5.82
			-	-8 853	613 311	112 846	2.50	27.96
	12.5%	2407	+	90 397	613 311	112 846	2.50	5.93
			-	-17 641	613 311	112 846	2.50	19.96
	25.0%	2407	+	81 610	613 311	112 846	2.50	6.48
			-	-26 425	613 311	112 846	2.50	15.52
	37.5%	2407	+	72 825	613 311	112 846	2.50	7.14
			-	-35 211	613 311	112 846	2.50	12.70
	50.0%	2407	+	64 038	613 311	112 846	2.50	7.95
			-	-43 997	613 311	112 846	2.50	10.74
	62.5%	2407	+	55 254	613 311	112 846	2.50	8.97
			-	-52 783	613 311	112 846	2.50	9.31
	75.0%	2407	+	46 467	613 311	112 846	2.50	10.30
			-	-61 569	613 311	112 846	2.50	8.22

Travi (CA) - Verifica composta taglio e torsione SLU

Id _{Tr}	%L _{L1} [%]	T _{Ed} [N-m]	+/-	V _{Ed,2} [N]	V _{Rcd} [N]	T _{Rcd} [N-m]	Ctgθ	CS _{v,T}
	87.5%	2407	+	37 683	613 311	112 846	2.50	12.08
			-	-70 354	613 311	112 846	2.50	7.35
	100%	2407	+	28 895	613 311	112 846	2.50	14.61
			-	-72 200	613 311	112 846	2.50	7.19
Piano copertura					Travata: Trave 29-36			
Trave 29-36	0%	2209	+	154 269	615 099	112 846	2.50	3.70
			-	0	615 099	112 846	2.50	VNR
	12.5%	2209	+	139 235	615 099	112 846	2.50	4.07
			-	0	615 099	112 846	2.50	VNR
	25.0%	2209	+	104 894	615 099	112 846	2.50	5.26
			-	0	615 099	112 846	2.50	VNR
	37.5%	2209	+	70 559	615 099	112 846	2.50	7.45
			-	-9 342	615 099	112 846	2.50	28.77
	50.0%	2209	+	45 239	615 099	112 846	2.50	10.74
			-	-29 371	615 099	112 846	2.50	14.85
	62.5%	2209	+	25 210	615 099	112 846	2.50	16.51
			-	-49 395	615 099	112 846	2.50	10.01
	75.0%	2209	+	5 189	615 099	112 846	2.50	35.70
			-	-75 196	615 099	112 846	2.50	7.05
	87.5%	2209	+	0	615 099	112 846	2.50	VNR
			-	-102 299	615 099	112 846	2.50	5.38
	100%	2209	+	0	615 099	112 846	2.50	VNR
			-	-111 991	615 099	112 846	2.50	4.96
Piano terra					Travata: Trave 1-2-3-4-5-6-7-8			
Trave 1-2	0%	6304	+	107 787	656 991	112 846	2.50	4.55
			-	-56 834	656 991	112 846	2.50	7.02
	12.5%	6304	+	107 787	656 991	112 846	2.50	4.55
			-	-66 266	656 991	112 846	2.50	6.38
	25.0%	6304	+	98 520	656 991	112 846	2.50	4.86
			-	-75 697	656 991	112 846	2.50	5.85
	37.5%	6304	+	89 088	656 991	112 846	2.50	5.22
			-	-85 131	656 991	112 846	2.50	5.39
	50.0%	6304	+	79 656	656 991	112 846	2.50	5.65
			-	-94 563	656 991	112 846	2.50	5.01
	62.5%	6304	+	70 224	656 991	112 846	2.50	6.14
			-	-103 994	656 991	112 846	2.50	4.67
	75.0%	6304	+	60 791	656 991	112 846	2.50	6.74
			-	-113 426	656 991	112 846	2.50	4.38
	87.5%	6304	+	51 360	656 991	112 846	2.50	7.46
			-	-122 533	656 991	112 846	2.50	4.13
	100%	6304	+	41 928	656 991	112 846	2.50	8.36
			-	-122 533	656 991	112 846	2.50	4.13
Trave 2-3	0%	1880	+	119 238	656 991	112 846	2.50	5.05
			-	-53 129	656 991	112 846	2.50	10.25
	12.5%	1880	+	119 238	656 991	112 846	2.50	5.05
			-	-62 665	656 991	112 846	2.50	8.93
	25.0%	1880	+	109 924	656 991	112 846	2.50	5.44
			-	-72 201	656 991	112 846	2.50	7.90
	37.5%	1880	+	100 389	656 991	112 846	2.50	5.90
			-	-81 737	656 991	112 846	2.50	7.09
	50.0%	1880	+	90 852	656 991	112 846	2.50	6.45
			-	-91 273	656 991	112 846	2.50	6.43
	62.5%	1880	+	81 317	656 991	112 846	2.50	7.12
			-	-100 808	656 991	112 846	2.50	5.88
	75.0%	1880	+	71 782	656 991	112 846	2.50	7.94
			-	-110 344	656 991	112 846	2.50	5.42
	87.5%	1880	+	62 245	656 991	112 846	2.50	8.98
			-	-119 657	656 991	112 846	2.50	5.03
	100%	1880	+	52 710	656 991	112 846	2.50	10.32
			-	-119 657	656 991	112 846	2.50	5.03
Trave 3-4	0%	1877	+	117 325	656 991	112 846	2.50	5.12
			-	-54 218	656 991	112 846	2.50	10.08
	12.5%	1877	+	117 325	656 991	112 846	2.50	5.12
			-	-63 754	656 991	112 846	2.50	8.80
	25.0%	1877	+	108 011	656 991	112 846	2.50	5.52
			-	-73 290	656 991	112 846	2.50	7.80
	37.5%	1877	+	98 476	656 991	112 846	2.50	6.01
			-	-82 826	656 991	112 846	2.50	7.01
	50.0%	1877	+	88 939	656 991	112 846	2.50	6.58
			-	-92 362	656 991	112 846	2.50	6.36
	62.5%	1877	+	79 404	656 991	112 846	2.50	7.27
			-	-101 897	656 991	112 846	2.50	5.82
	75.0%	1877	+	69 869	656 991	112 846	2.50	8.13
			-	-111 433	656 991	112 846	2.50	5.37
	87.5%	1877	+	60 332	656 991	112 846	2.50	9.22
			-	-120 746	656 991	112 846	2.50	4.99
	100.0%	1877	+	50 797	656 991	112 846	2.50	10.64
			-	-120 746	656 991	112 846	2.50	4.99
Trave 4-5	0%	6176	+	105 903	656 991	112 846	2.50	4.63
			-	-37 489	656 991	112 846	2.50	8.95
	12.5%	6176	+	105 903	656 991	112 846	2.50	4.63
			-	-47 025	656 991	112 846	2.50	7.92
	25.0%	6176	+	96 589	656 991	112 846	2.50	4.96

Travi (CA) - Verifica composta taglio e torsione SLU								
Id_{Tr}	%L_{L1}	T_{Ed}	+/-	V_{Ed,2}	V_{Rcd}	T_{Rcd}	Ctgθ	CS_{v,T}
	[%]	[N-m]		[N]	[N]	[N-m]		
			-	-56 561	656 991	112 846	2.50	7.10
	37.5%	6176	+	87 054	656 991	112 846	2.50	5.34
			-	-66 097	656 991	112 846	2.50	6.44
	50.0%	6176	+	77 517	656 991	112 846	2.50	5.79
			-	-75 633	656 991	112 846	2.50	5.89
	62.5%	6176	+	67 982	656 991	112 846	2.50	6.32
			-	-85 168	656 991	112 846	2.50	5.42
	75.0%	6176	+	58 447	656 991	112 846	2.50	6.96
			-	-94 704	656 991	112 846	2.50	5.03
	87.5%	6176	+	48 910	656 991	112 846	2.50	7.74
			-	-104 178	656 991	112 846	2.50	4.69
	100%	6176	+	39 375	656 991	112 846	2.50	8.72
			-	-104 178	656 991	112 846	2.50	4.69
	Trave 5-6	0%	1511	+	95 157	656 991	112 846	2.50
-				-23 493	656 991	112 846	2.50	20.35
12.5%		1511	+	95 157	656 991	112 846	2.50	6.32
			-	-33 029	656 991	112 846	2.50	15.71
25.0%		1511	+	85 682	656 991	112 846	2.50	6.95
			-	-42 565	656 991	112 846	2.50	12.79
37.5%		1511	+	76 147	656 991	112 846	2.50	7.73
			-	-52 100	656 991	112 846	2.50	10.79
50.0%		1511	+	66 611	656 991	112 846	2.50	8.71
			-	-61 637	656 991	112 846	2.50	9.33
62.5%		1511	+	57 075	656 991	112 846	2.50	9.97
			-	-71 172	656 991	112 846	2.50	8.22
75.0%		1511	+	47 540	656 991	112 846	2.50	11.66
			-	-80 708	656 991	112 846	2.50	7.34
87.5%	1511	+	38 003	656 991	112 846	2.50	14.04	
		-	-90 181	656 991	112 846	2.50	6.64	
100%	1511	+	28 468	656 991	112 846	2.50	17.63	
		-	-90 181	656 991	112 846	2.50	6.64	
Trave 6-7	0%	7025	+	85 160	656 991	112 846	2.50	5.21
			-	-34 268	656 991	112 846	2.50	8.74
	12.5%	7025	+	85 160	656 991	112 846	2.50	5.21
			-	-43 804	656 991	112 846	2.50	7.76
	25.0%	7025	+	75 685	656 991	112 846	2.50	5.64
			-	-53 340	656 991	112 846	2.50	6.97
	37.5%	7025	+	66 150	656 991	112 846	2.50	6.14
			-	-62 875	656 991	112 846	2.50	6.33
	50.0%	7025	+	56 614	656 991	112 846	2.50	6.74
			-	-72 412	656 991	112 846	2.50	5.80
	62.5%	7025	+	47 078	656 991	112 846	2.50	7.47
			-	-81 947	656 991	112 846	2.50	5.35
	75.0%	7025	+	37 543	656 991	112 846	2.50	8.38
			-	-91 483	656 991	112 846	2.50	4.96
87.5%	7025	+	28 006	656 991	112 846	2.50	9.53	
		-	-100 795	656 991	112 846	2.50	4.64	
100%	7025	+	18 471	656 991	112 846	2.50	11.07	
		-	-100 795	656 991	112 846	2.50	4.64	
Trave 7-8	0%	5767	+	114 501	656 991	112 846	2.50	4.44
			-	-24 262	656 991	112 846	2.50	11.36
	12.5%	5767	+	114 501	656 991	112 846	2.50	4.44
			-	-33 839	656 991	112 846	2.50	9.75
	25.0%	5767	+	105 104	656 991	112 846	2.50	4.74
			-	-43 417	656 991	112 846	2.50	8.53
	37.5%	5767	+	95 526	656 991	112 846	2.50	5.09
			-	-52 993	656 991	112 846	2.50	7.59
	50.0%	5767	+	85 950	656 991	112 846	2.50	5.50
			-	-62 571	656 991	112 846	2.50	6.83
	62.5%	5767	+	76 372	656 991	112 846	2.50	5.98
			-	-72 147	656 991	112 846	2.50	6.21
	75.0%	5767	+	66 795	656 991	112 846	2.50	6.55
			-	-81 725	656 991	112 846	2.50	5.70
87.5%	5767	+	57 217	656 991	112 846	2.50	7.24	
		-	-91 282	656 991	112 846	2.50	5.26	
100.0%	5767	+	47 640	656 991	112 846	2.50	8.09	
		-	-91 282	656 991	112 846	2.50	5.26	
Piano terra					Travata: Trave 9-10-11-12-13-14-15-16			
Trave 9-10	0%	5733	+	49 329	613 311	112 846	2.50	7.62
			-	-13 834	613 311	112 846	2.50	13.63
	12.5%	5733	+	46 533	613 311	112 846	2.50	7.89
			-	-19 950	613 311	112 846	2.50	12.00
	25.0%	5733	+	40 417	613 311	112 846	2.50	8.57
			-	-26 065	613 311	112 846	2.50	10.72
	37.5%	5733	+	34 303	613 311	112 846	2.50	9.37
			-	-32 179	613 311	112 846	2.50	9.68
	50.0%	5733	+	28 188	613 311	112 846	2.50	10.33
			-	-38 294	613 311	112 846	2.50	8.83
	62.5%	5733	+	22 073	613 311	112 846	2.50	11.52
			-	-44 410	613 311	112 846	2.50	8.12
	75.0%	5733	+	15 956	613 311	112 846	2.50	13.02
			-	-50 525	613 311	112 846	2.50	7.51
87.5%	5733	+	9 841	613 311	112 846	2.50	14.96	
		-	-91 282	656 991	112 846	2.50	5.26	

Travi (CA) - Verifica composta taglio e torsione SLU

Id _{Tr}	%L _{Lt} [%]	T _{Ed} [N-m]	+/-	V _{Ed,2} [N]	V _{Rcd} [N]	T _{Rcd} [N-m]	Ctg θ	CS _{v,T}
Trave 10-11			-	-56 639	613 311	112 846	2.50	6.99
	100%	5733	+	3 728	613 311	112 846	2.50	17.58
			-	-58 873	613 311	112 846	2.50	6.81
	0%	527	+	43 598	613 311	112 846	2.50	13.20
			-	0	613 311	112 846	2.50	VNR
	12.5%	527	+	41 297	613 311	112 846	2.50	13.89
			-	-2 749	613 311	112 846	2.50	NS
	25.0%	527	+	35 115	613 311	112 846	2.50	16.15
			-	-8 931	613 311	112 846	2.50	52.00
	37.5%	527	+	28 932	613 311	112 846	2.50	19.29
			-	-15 114	613 311	112 846	2.50	34.11
	50.0%	527	+	22 750	613 311	112 846	2.50	23.94
Trave 11-12			-	-21 297	613 311	112 846	2.50	25.38
	62.5%	527	+	16 567	613 311	112 846	2.50	31.56
			-	-27 479	613 311	112 846	2.50	20.21
	75.0%	527	+	10 385	613 311	112 846	2.50	46.29
			-	-33 661	613 311	112 846	2.50	16.79
	87.5%	527	+	4 202	613 311	112 846	2.50	86.79
			-	-39 844	613 311	112 846	2.50	14.36
	100%	527	+	0	613 311	112 846	2.50	VNR
			-	-42 144	613 311	112 846	2.50	13.63
	0%	641	+	41 306	613 311	112 846	2.50	13.69
			-	0	613 311	112 846	2.50	VNR
	12.5%	641	+	39 005	613 311	112 846	2.50	14.43
Trave 12-13			-	-3 927	613 311	112 846	2.50	82.76
	25.0%	641	+	32 823	613 311	112 846	2.50	16.89
			-	-10 109	613 311	112 846	2.50	45.12
	37.5%	641	+	26 641	613 311	112 846	2.50	20.36
			-	-16 291	613 311	112 846	2.50	31.01
	50.0%	641	+	20 458	613 311	112 846	2.50	25.62
			-	-22 475	613 311	112 846	2.50	23.63
	62.5%	641	+	14 275	613 311	112 846	2.50	34.54
			-	-28 657	613 311	112 846	2.50	19.08
	75.0%	641	+	8 093	613 311	112 846	2.50	52.98
			-	-34 839	613 311	112 846	2.50	16.00
	87.5%	641	+	1 911	613 311	112 846	2.50	NS
Trave 13-14			-	-41 021	613 311	112 846	2.50	13.78
	100%	641	+	0	613 311	112 846	2.50	VNR
			-	-43 322	613 311	112 846	2.50	13.10
	0%	4981	+	48 377	613 311	112 846	2.50	8.13
			-	0	613 311	112 846	2.50	VNR
	12.5%	4981	+	46 076	613 311	112 846	2.50	8.38
			-	-3 844	613 311	112 846	2.50	19.84
	25.0%	4981	+	39 894	613 311	112 846	2.50	9.16
			-	-10 026	613 311	112 846	2.50	16.53
	37.5%	4981	+	33 711	613 311	112 846	2.50	10.09
			-	-16 209	613 311	112 846	2.50	14.17
	50.0%	4981	+	27 529	613 311	112 846	2.50	11.23
Trave 14-15			-	-22 392	613 311	112 846	2.50	12.40
	62.5%	4981	+	21 346	613 311	112 846	2.50	12.67
			-	-28 574	613 311	112 846	2.50	11.02
	75.0%	4981	+	15 164	613 311	112 846	2.50	14.52
			-	-34 756	613 311	112 846	2.50	9.92
	87.5%	4981	+	8 981	613 311	112 846	2.50	17.01
			-	-40 939	613 311	112 846	2.50	9.02
	100%	4981	+	2 799	613 311	112 846	2.50	20.53
			-	-43 802	613 311	112 846	2.50	8.65
	0%	2688	+	56 167	613 311	112 846	2.50	8.67
			-	-2 288	613 311	112 846	2.50	36.30
	12.5%	2688	+	53 304	613 311	112 846	2.50	9.03
Trave 14-15			-	-8 470	613 311	112 846	2.50	26.57
	25.0%	2688	+	47 122	613 311	112 846	2.50	9.94
			-	-14 653	613 311	112 846	2.50	20.96
	37.5%	2688	+	40 939	613 311	112 846	2.50	11.04
			-	-20 835	613 311	112 846	2.50	17.30
	50.0%	2688	+	34 756	613 311	112 846	2.50	12.42
			-	-27 018	613 311	112 846	2.50	14.73
	62.5%	2688	+	28 574	613 311	112 846	2.50	14.20
Trave 14-15			-	-33 200	613 311	112 846	2.50	12.83
	75.0%	2688	+	22 392	613 311	112 846	2.50	16.58
			-	-39 383	613 311	112 846	2.50	11.36
	87.5%	2688	+	16 209	613 311	112 846	2.50	19.90
			-	-45 565	613 311	112 846	2.50	10.19
	100.0%	2688	+	10 026	613 311	112 846	2.50	24.90
			-	-48 429	613 311	112 846	2.50	9.73
	0%	17391	+	43 624	613 311	112 846	2.50	4.44
Trave 14-15			-	-14 819	613 311	112 846	2.50	5.61
	12.5%	17391	+	40 900	613 311	112 846	2.50	4.53
			-	-20 700	613 311	112 846	2.50	5.32
	25.0%	17391	+	35 020	613 311	112 846	2.50	4.73
Trave 14-15			-	-26 581	613 311	112 846	2.50	5.06
	37.5%	17391	+	29 138	613 311	112 846	2.50	4.96
			-	-32 462	613 311	112 846	2.50	4.83

Travi (CA) - Verifica composta taglio e torsione SLU								
Id _{Tr}	%L _{Lt} [%]	T _{Ed} [N-m]	+/-	V _{Ed,2} [N]	V _{Rcd} [N]	T _{Rcd} [N-m]	Ctgθ	CS _{v,T}
	50.0%	17391	+ -	23 258 -38 342	613 311 613 311	112 846 112 846	2.50 2.50	5.21 4.62
	62.5%	17391	+ -	17 378 -44 222	613 311 613 311	112 846 112 846	2.50 2.50	5.48 4.42
	75.0%	17391	+ -	11 498 -50 104	613 311 613 311	112 846 112 846	2.50 2.50	5.79 4.24
	87.5%	17391	+ -	5 616 -55 984	613 311 613 311	112 846 112 846	2.50 2.50	6.12 4.08
	100.0%	17391	+ -	0 -58 426	613 311 613 311	112 846 112 846	2.50 2.50	VNR 4.01
Trave 15-16	0%	13922	+ -	63 299 -4 587	613 311 613 311	112 846 112 846	2.50 2.50	4.41 7.64
	12.5%	13922	+ -	60 831 -10 492	613 311 613 311	112 846 112 846	2.50 2.50	4.49 7.12
	25.0%	13922	+ -	54 925 -16 399	613 311 613 311	112 846 112 846	2.50 2.50	4.70 6.66
	37.5%	13922	+ -	49 018 -22 305	613 311 613 311	112 846 112 846	2.50 2.50	4.92 6.26
	50.0%	13922	+ -	43 113 -28 211	613 311 613 311	112 846 112 846	2.50 2.50	5.16 5.90
	62.5%	13922	+ -	37 207 -34 117	613 311 613 311	112 846 112 846	2.50 2.50	5.43 5.59
	75.0%	13922	+ -	31 301 -40 023	613 311 613 311	112 846 112 846	2.50 2.50	5.73 5.30
	87.5%	13922	+ -	25 395 -45 929	613 311 613 311	112 846 112 846	2.50 2.50	6.07 5.04
	100.0%	13922	+ -	19 489 -48 655	613 311 613 311	112 846 112 846	2.50 2.50	6.45 4.93
Piano terra					Travata: Trave 18-19-20-21-22-23-24-25			
Trave 18-19	0%	5880	+ -	47 738 -11 655	613 311 613 311	112 846 112 846	2.50 2.50	7.70 14.06
	12.5%	5880	+ -	44 942 -17 771	613 311 613 311	112 846 112 846	2.50 2.50	7.98 12.33
	25.0%	5880	+ -	38 826 -23 886	613 311 613 311	112 846 112 846	2.50 2.50	8.66 10.98
	37.5%	5880	+ -	32 712 -30 000	613 311 613 311	112 846 112 846	2.50 2.50	9.48 9.90
	50.0%	5880	+ -	26 597 -36 115	613 311 613 311	112 846 112 846	2.50 2.50	10.47 9.01
	62.5%	5880	+ -	20 482 -42 231	613 311 613 311	112 846 112 846	2.50 2.50	11.70 8.27
	75.0%	5880	+ -	14 365 -48 346	613 311 613 311	112 846 112 846	2.50 2.50	13.24 7.64
	87.5%	5880	+ -	8 250 -54 460	613 311 613 311	112 846 112 846	2.50 2.50	15.25 7.10
	100%	5880	+ -	2 137 -56 694	613 311 613 311	112 846 112 846	2.50 2.50	17.99 6.92
Trave 19-20	0%	699	+ -	42 438 0	613 311 613 311	112 846 112 846	2.50 2.50	13.26 VNR
	12.5%	699	+ -	40 137 -1 641	613 311 613 311	112 846 112 846	2.50 2.50	13.96 NS
	25.0%	699	+ -	33 955 -7 823	613 311 613 311	112 846 112 846	2.50 2.50	16.24 52.77
	37.5%	699	+ -	27 773 -14 005	613 311 613 311	112 846 112 846	2.50 2.50	19.43 34.45
	50.0%	699	+ -	21 591 -20 188	613 311 613 311	112 846 112 846	2.50 2.50	24.16 25.57
	62.5%	699	+ -	15 407 -26 371	613 311 613 311	112 846 112 846	2.50 2.50	31.93 20.33
	75.0%	699	+ -	9 225 -32 553	613 311 613 311	112 846 112 846	2.50 2.50	47.09 16.87
	87.5%	699	+ -	3 043 -38 735	613 311 613 311	112 846 112 846	2.50 2.50	89.64 14.42
	100%	699	+ -	0 -41 036	613 311 613 311	112 846 112 846	2.50 2.50	VNR 13.68
Trave 20-21	0%	553	+ -	40 420 0	613 311 613 311	112 846 112 846	2.50 2.50	14.12 VNR
	12.5%	553	+ -	38 119 -2 625	613 311 613 311	112 846 112 846	2.50 2.50	14.91 NS
	25.0%	553	+ -	31 937 -8 807	613 311 613 311	112 846 112 846	2.50 2.50	17.55 51.92
	37.5%	553	+ -	25 755 -14 989	613 311 613 311	112 846 112 846	2.50 2.50	21.32 34.08
	50.0%	553	+ -	19 572 -21 173	613 311 613 311	112 846 112 846	2.50 2.50	27.16 25.37
	62.5%	553	+ -	13 389 -27 355	613 311 613 311	112 846 112 846	2.50 2.50	37.41 20.20
	75.0%	553	+ -	7 207 -33 537	613 311 613 311	112 846 112 846	2.50 2.50	60.05 16.78
	87.5%	553	+ -	1 025 -39 719	613 311 613 311	112 846 112 846	2.50 2.50	NS 14.36
	100.0%	553	+ -	0 -42 020	613 311 613 311	112 846 112 846	2.50 2.50	VNR 13.62

Travi (CA) - Verifica composta taglio e torsione SLU								
Id _{Tr}	%L _{Lt} [%]	T _{Ed} [N-m]	+/-	V _{Ed,2} [N]	V _{Rcd} [N]	T _{Rcd} [N-m]	Ctg θ	CS _{v,T}
Trave 21-22	0%	4684	+ -	47 253 0	613 311 613 311	112 846 112 846	2.50 2.50	8.44 VNR
	12.5%	4684	+ -	44 953 -2 767	613 311 613 311	112 846 112 846	2.50 2.50	8.71 21.73
	25.0%	4684	+ -	38 770 -8 950	613 311 613 311	112 846 112 846	2.50 2.50	9.55 17.83
	37.5%	4684	+ -	32 588 -15 132	613 311 613 311	112 846 112 846	2.50 2.50	10.57 15.11
	50.0%	4684	+ -	26 406 -21 315	613 311 613 311	112 846 112 846	2.50 2.50	11.83 13.11
	62.5%	4684	+ -	20 223 -27 497	613 311 613 311	112 846 112 846	2.50 2.50	13.43 11.58
	75.0%	4684	+ -	14 040 -33 680	613 311 613 311	112 846 112 846	2.50 2.50	15.53 10.37
	87.5%	4684	+ -	7 858 -39 862	613 311 613 311	112 846 112 846	2.50 2.50	18.41 9.39
	100%	4684	+ -	1 676 -42 725	613 311 613 311	112 846 112 846	2.50 2.50	22.60 9.00
Trave 22-23	0%	4163	+ -	53 439 -2 026	613 311 613 311	112 846 112 846	2.50 2.50	8.06 24.88
	12.5%	4163	+ -	50 575 -8 209	613 311 613 311	112 846 112 846	2.50 2.50	8.38 19.89
	25.0%	4163	+ -	44 393 -14 392	613 311 613 311	112 846 112 846	2.50 2.50	9.15 16.57
	37.5%	4163	+ -	38 210 -20 574	613 311 613 311	112 846 112 846	2.50 2.50	10.08 14.20
	50.0%	4163	+ -	32 028 -26 756	613 311 613 311	112 846 112 846	2.50 2.50	11.22 12.42
	62.5%	4163	+ -	25 845 -32 939	613 311 613 311	112 846 112 846	2.50 2.50	12.65 11.04
	75.0%	4163	+ -	19 663 -39 122	613 311 613 311	112 846 112 846	2.50 2.50	14.50 9.93
	87.5%	4163	+ -	13 480 -45 304	613 311 613 311	112 846 112 846	2.50 2.50	16.99 9.03
	100%	4163	+ -	7 298 -48 167	613 311 613 311	112 846 112 846	2.50 2.50	20.50 8.66
Trave 23-24	0%	14679	+ -	41 910 -17 132	613 311 613 311	112 846 112 846	2.50 2.50	5.04 6.33
	12.5%	14679	+ -	39 687 -21 933	613 311 613 311	112 846 112 846	2.50 2.50	5.13 6.03
	25.0%	14679	+ -	34 885 -26 736	613 311 613 311	112 846 112 846	2.50 2.50	5.35 5.76
	37.5%	14679	+ -	30 083 -31 537	613 311 613 311	112 846 112 846	2.50 2.50	5.58 5.51
	50.0%	14679	+ -	25 281 -36 339	613 311 613 311	112 846 112 846	2.50 2.50	5.84 5.28
	62.5%	14679	+ -	20 479 -41 141	613 311 613 311	112 846 112 846	2.50 2.50	6.12 5.07
	75.0%	14679	+ -	15 677 -45 943	613 311 613 311	112 846 112 846	2.50 2.50	6.43 4.88
	87.5%	14679	+ -	10 875 -50 745	613 311 613 311	112 846 112 846	2.50 2.50	6.77 4.70
	100%	14679	+ -	6 073 -52 969	613 311 613 311	112 846 112 846	2.50 2.50	7.14 4.62
Trave 24-25	0%	14785	+ -	71 685 -20 863	613 311 613 311	112 846 112 846	2.50 2.50	4.03 6.06
	12.5%	14785	+ -	70 276 -24 850	613 311 613 311	112 846 112 846	2.50 2.50	4.07 5.83
	25.0%	14785	+ -	66 289 -28 836	613 311 613 311	112 846 112 846	2.50 2.50	4.18 5.62
	37.5%	14785	+ -	62 303 -32 823	613 311 613 311	112 846 112 846	2.50 2.50	4.30 5.42
	50.0%	14785	+ -	58 316 -36 810	613 311 613 311	112 846 112 846	2.50 2.50	4.42 5.23
	62.5%	14785	+ -	54 329 -40 797	613 311 613 311	112 846 112 846	2.50 2.50	4.55 5.06
	75.0%	14785	+ -	50 342 -44 783	613 311 613 311	112 846 112 846	2.50 2.50	4.69 4.90
	87.5%	14785	+ -	46 357 -48 769	613 311 613 311	112 846 112 846	2.50 2.50	4.84 4.75
	100.0%	14785	+ -	42 369 -50 138	613 311 613 311	112 846 112 846	2.50 2.50	5.00 4.70
Piano terra					Travata: Trave 26-27-28-29-30-31-32			
Trave 26-27	0%	5816	+ -	94 264 -49 287	656 991 656 991	112 846 112 846	2.50 2.50	5.13 7.90
	12.5%	5816	+ -	94 264 -57 153	656 991 656 991	112 846 112 846	2.50 2.50	5.13 7.22
	25.0%	5816	+ -	86 932 -65 413	656 991 656 991	112 846 112 846	2.50 2.50	5.44 6.62
	37.5%	5816	+ -	79 081 -74 070	656 991 656 991	112 846 112 846	2.50 2.50	5.82 6.09
	50.0%	5816	+ -	70 833 -83 120	656 991 656 991	112 846 112 846	2.50 2.50	6.28 5.62

Travi (CA) - Verifica composta taglio e torsione SLU								
Id _{Tr}	%L _{Lt} [%]	T _{Ed} [N-m]	+ / -	V _{Ed,2} [N]	V _{Rcd} [N]	T _{Rcd} [N-m]	Ctg θ	CS _{v,T}
	62.5%	5816	+ -	62 192 -92 563	656 991 656 991	112 846 112 846	2.50 2.50	6.84 5.20
	75.0%	5816	+ -	53 154 -102 405	656 991 656 991	112 846 112 846	2.50 2.50	7.55 4.82
	87.5%	5816	+ -	43 724 -110 771	656 991 656 991	112 846 112 846	2.50 2.50	8.47 4.54
	100%	5816	+ -	33 901 -110 771	656 991 656 991	112 846 112 846	2.50 2.50	9.70 4.54
Trave 27-28	0%	1972	+ -	115 621 -38 376	656 991 656 991	112 846 112 846	2.50 2.50	5.17 13.18
	12.5%	1972	+ -	115 621 -49 804	656 991 656 991	112 846 112 846	2.50 2.50	5.17 10.72
	25.0%	1972	+ -	106 458 -61 632	656 991 656 991	112 846 112 846	2.50 2.50	5.57 8.99
	37.5%	1972	+ -	95 038 -73 868	656 991 656 991	112 846 112 846	2.50 2.50	6.17 7.70
	50.0%	1972	+ -	83 212 -86 503	656 991 656 991	112 846 112 846	2.50 2.50	6.94 6.71
	62.5%	1972	+ -	70 985 -99 541	656 991 656 991	112 846 112 846	2.50 2.50	7.97 5.92
	75.0%	1972	+ -	58 355 -112 986	656 991 656 991	112 846 112 846	2.50 2.50	9.41 5.28
	87.5%	1972	+ -	45 319 -124 140	656 991 656 991	112 846 112 846	2.50 2.50	11.57 4.84
	100%	1972	+ -	31 882 -124 140	656 991 656 991	112 846 112 846	2.50 2.50	15.15 4.84
Trave 28-29	0%	2148	+ -	131 703 -22 547	656 991 656 991	112 846 112 846	2.50 2.50	4.56 18.74
	12.5%	2148	+ -	131 703 -37 483	656 991 656 991	112 846 112 846	2.50 2.50	4.56 13.14
	25.0%	2148	+ -	119 971 -52 817	656 991 656 991	112 846 112 846	2.50 2.50	4.96 10.06
	37.5%	2148	+ -	105 045 -68 558	656 991 656 991	112 846 112 846	2.50 2.50	5.59 8.10
	50.0%	2148	+ -	89 713 -84 700	656 991 656 991	112 846 112 846	2.50 2.50	6.43 6.76
	62.5%	2148	+ -	73 979 -101 246	656 991 656 991	112 846 112 846	2.50 2.50	7.60 5.78
	75.0%	2148	+ -	57 843 -118 195	656 991 656 991	112 846 112 846	2.50 2.50	9.34 5.03
	87.5%	2148	+ -	41 301 -131 919	656 991 656 991	112 846 112 846	2.50 2.50	12.21 4.55
	100.0%	2148	+ -	24 357 -131 919	656 991 656 991	112 846 112 846	2.50 2.50	17.82 4.55
Trave 29-30	0%	11644	+ -	81 105 -31 820	656 991 656 991	112 846 112 846	2.50 2.50	4.41 6.60
	12.5%	11644	+ -	81 105 -37 079	656 991 656 991	112 846 112 846	2.50 2.50	4.41 6.26
	25.0%	11644	+ -	76 203 -42 336	656 991 656 991	112 846 112 846	2.50 2.50	4.56 5.97
	37.5%	11644	+ -	70 946 -47 595	656 991 656 991	112 846 112 846	2.50 2.50	4.74 5.69
	50.0%	11644	+ -	65 687 -52 852	656 991 656 991	112 846 112 846	2.50 2.50	4.92 5.45
	62.5%	11644	+ -	60 430 -58 109	656 991 656 991	112 846 112 846	2.50 2.50	5.12 5.22
	75.0%	11644	+ -	55 173 -63 368	656 991 656 991	112 846 112 846	2.50 2.50	5.34 5.01
	87.5%	11644	+ -	49 914 -68 591	656 991 656 991	112 846 112 846	2.50 2.50	5.58 4.82
	100%	11644	+ -	44 657 -68 591	656 991 656 991	112 846 112 846	2.50 2.50	5.84 4.82
Trave 30-31	0%	4066	+ -	63 470 -23 418	656 991 656 991	112 846 112 846	2.50 2.50	7.54 13.95
	12.5%	4066	+ -	63 470 -28 677	656 991 656 991	112 846 112 846	2.50 2.50	7.54 12.55
	25.0%	4066	+ -	58 246 -33 934	656 991 656 991	112 846 112 846	2.50 2.50	8.02 11.40
	37.5%	4066	+ -	52 989 -39 191	656 991 656 991	112 846 112 846	2.50 2.50	8.57 10.45
	50.0%	4066	+ -	47 732 -44 450	656 991 656 991	112 846 112 846	2.50 2.50	9.20 9.64
	62.5%	4066	+ -	42 473 -49 707	656 991 656 991	112 846 112 846	2.50 2.50	9.93 8.95
	75.0%	4066	+ -	37 216 -54 966	656 991 656 991	112 846 112 846	2.50 2.50	10.79 8.35
	87.5%	4066	+ -	31 957 -60 188	656 991 656 991	112 846 112 846	2.50 2.50	11.81 7.83
	100.0%	4066	+ -	26 700 -60 188	656 991 656 991	112 846 112 846	2.50 2.50	13.04 7.83
Trave 31-32	0%	4058	+ -	56 315 0	656 991 656 991	112 846 112 846	2.50 2.50	8.22 VNR
	12.5%	4058	+	53 171	656 991	112 846	2.50	8.55

Travi (CA) - Verifica composta taglio e torsione SLU								
Id _{Tr}	%L _L	T _{Ed}	+ / -	V _{Ed,2}	V _{Rcd}	T _{Rcd}	Ctgθ	CS _{v,T}
	[%]	[N·m]		[N]	[N]	[N·m]		
			-	-7 367	656 991	112 846	2.50	21.20
	25.0%	4058	+	45 085	656 991	112 846	2.50	9.56
			-	-15 455	656 991	112 846	2.50	16.81
			+	36 998	656 991	112 846	2.50	10.84
	37.5%	4058	-	-23 540	656 991	112 846	2.50	13.93
			+	28 911	656 991	112 846	2.50	12.51
	50.0%	4058	-	-31 628	656 991	112 846	2.50	11.89
			+	20 822	656 991	112 846	2.50	14.78
	62.5%	4058	-	-39 716	656 991	112 846	2.50	10.37
+			12 736	656 991	112 846	2.50	18.07	
75.0%	4058	-	-47 803	656 991	112 846	2.50	9.20	
		+	4 650	656 991	112 846	2.50	23.24	
87.5%	4058	-	-55 889	656 991	112 846	2.50	8.26	
		+	0	656 991	112 846	2.50	VNR	
100.0%	4058	-	-59 033	656 991	112 846	2.50	7.95	
Piano terra								
Trave 33-34					Travata: Trave 33-34-35-36-39-40-41			
	0%	2217	+	123 737	656 991	112 846	2.50	4.81
			-	-51 821	656 991	112 846	2.50	10.15
	12.5%	2217	+	123 737	656 991	112 846	2.50	4.81
			-	-63 482	656 991	112 846	2.50	8.60
	25.0%	2217	+	113 159	656 991	112 846	2.50	5.21
			-	-75 484	656 991	112 846	2.50	7.43
	37.5%	2217	+	101 539	656 991	112 846	2.50	5.74
			-	-87 827	656 991	112 846	2.50	6.52
	50.0%	2217	+	89 580	656 991	112 846	2.50	6.41
			-	-100 509	656 991	112 846	2.50	5.79
62.5%	2217	+	77 280	656 991	112 846	2.50	7.28	
		-	-113 531	656 991	112 846	2.50	5.20	
75.0%	2217	+	64 640	656 991	112 846	2.50	8.47	
		-	-126 892	656 991	112 846	2.50	4.70	
87.5%	2217	+	51 661	656 991	112 846	2.50	10.18	
		-	-138 623	656 991	112 846	2.50	4.34	
100.0%	2217	+	38 340	656 991	112 846	2.50	12.82	
		-	-138 623	656 991	112 846	2.50	4.34	
Trave 34-35	0%	2794	+	135 941	656 991	112 846	2.50	4.32
			-	-28 488	656 991	112 846	2.50	14.68
	12.5%	2794	+	135 941	656 991	112 846	2.50	4.32
			-	-43 933	656 991	112 846	2.50	10.91
	25.0%	2794	+	121 234	656 991	112 846	2.50	4.78
			-	-59 747	656 991	112 846	2.50	8.64
	37.5%	2794	+	105 802	656 991	112 846	2.50	5.38
			-	-75 936	656 991	112 846	2.50	7.13
	50.0%	2794	+	89 999	656 991	112 846	2.50	6.18
			-	-92 495	656 991	112 846	2.50	6.04
62.5%	2794	+	73 824	656 991	112 846	2.50	7.29	
		-	-109 424	656 991	112 846	2.50	5.23	
75.0%	2794	+	57 277	656 991	112 846	2.50	8.93	
		-	-126 729	656 991	112 846	2.50	4.59	
87.5%	2794	+	40 359	656 991	112 846	2.50	11.60	
		-	-142 354	656 991	112 846	2.50	4.14	
100.0%	2794	+	23 067	656 991	112 846	2.50	16.70	
		-	-142 354	656 991	112 846	2.50	4.14	
Trave 35-36	0%	5036	+	153 515	656 991	112 846	2.50	3.59
			-	-12 882	656 991	112 846	2.50	15.57
	12.5%	5036	+	153 515	656 991	112 846	2.50	3.59
			-	-31 694	656 991	112 846	2.50	10.77
	25.0%	5036	+	135 556	656 991	112 846	2.50	3.98
			-	-50 876	656 991	112 846	2.50	8.19
	37.5%	5036	+	116 756	656 991	112 846	2.50	4.50
			-	-70 433	656 991	112 846	2.50	6.59
	50.0%	5036	+	97 584	656 991	112 846	2.50	5.18
			-	-90 359	656 991	112 846	2.50	5.49
62.5%	5036	+	78 042	656 991	112 846	2.50	6.12	
		-	-110 658	656 991	112 846	2.50	4.69	
75.0%	5036	+	58 125	656 991	112 846	2.50	7.51	
		-	-131 330	656 991	112 846	2.50	4.09	
87.5%	5036	+	37 841	656 991	112 846	2.50	9.78	
		-	-149 609	656 991	112 846	2.50	3.67	
100.0%	5036	+	17 181	656 991	112 846	2.50	14.13	
		-	-149 609	656 991	112 846	2.50	3.67	
Trave 36-39	0%	7105	+	126 843	656 991	112 846	2.50	3.91
			-	-33 078	656 991	112 846	2.50	8.83
	12.5%	7105	+	126 843	656 991	112 846	2.50	3.91
			-	-44 961	656 991	112 846	2.50	7.61
	25.0%	7105	+	114 843	656 991	112 846	2.50	4.21
			-	-56 473	656 991	112 846	2.50	6.72
	37.5%	7105	+	102 949	656 991	112 846	2.50	4.55
			-	-67 612	656 991	112 846	2.50	6.03
50.0%	7105	+	91 425	656 991	112 846	2.50	4.95	
		-	-78 379	656 991	112 846	2.50	5.49	
62.5%	7105	+	80 273	656 991	112 846	2.50	5.40	
		-	-88 774	656 991	112 846	2.50	5.05	
75.0%	7105	+	69 493	656 991	112 846	2.50	5.93	

Travi (CA) - Verifica composta taglio e torsione SLU								
Id _{Tr}	%L _{Lt} [%]	T _{Ed} [N-m]	+/-	V _{Ed,2} [N]	V _{Rcd} [N]	T _{Rcd} [N-m]	Ctg θ	CS _{v,T}
Trave 39-40			-	-98 799	656 991	112 846	2.50	4.69
	87.5%	7105	+	59 087	656 991	112 846	2.50	6.54
			-	-108 295	656 991	112 846	2.50	4.39
	100.0%	7105	+	49 051	656 991	112 846	2.50	7.27
			-	-108 295	656 991	112 846	2.50	4.39
	0%	11723	+	116 132	656 991	112 846	2.50	3.56
			-	-45 808	656 991	112 846	2.50	5.76
	12.5%	11723	+	116 132	656 991	112 846	2.50	3.56
			-	-57 691	656 991	112 846	2.50	5.22
	25.0%	11723	+	104 068	656 991	112 846	2.50	3.81
			-	-69 204	656 991	112 846	2.50	4.78
	37.5%	11723	+	92 172	656 991	112 846	2.50	4.10
Trave 40-41			-	-80 342	656 991	112 846	2.50	4.42
	50.0%	11723	+	80 648	656 991	112 846	2.50	4.41
			-	-91 110	656 991	112 846	2.50	4.12
	62.5%	11723	+	69 497	656 991	112 846	2.50	4.77
			-	-101 505	656 991	112 846	2.50	3.87
	75.0%	11723	+	58 719	656 991	112 846	2.50	5.17
			-	-111 528	656 991	112 846	2.50	3.65
	87.5%	11723	+	48 312	656 991	112 846	2.50	5.64
			-	-121 024	656 991	112 846	2.50	3.47
	100.0%	11723	+	38 274	656 991	112 846	2.50	6.17
			-	-121 024	656 991	112 846	2.50	3.47
	0%	4378	+	136 286	656 991	112 846	2.50	4.06
Piano terra			-	0	656 991	112 846	2.50	VNR
	12.5%	4378	+	133 578	656 991	112 846	2.50	4.13
			-	-4 543	656 991	112 846	2.50	21.88
	25.0%	4378	+	115 738	656 991	112 846	2.50	4.65
			-	-23 323	656 991	112 846	2.50	13.46
	37.5%	4378	+	97 341	656 991	112 846	2.50	5.35
			-	-42 658	656 991	112 846	2.50	9.64
	50.0%	4378	+	78 390	656 991	112 846	2.50	6.32
			-	-62 548	656 991	112 846	2.50	7.46
	62.5%	4378	+	58 883	656 991	112 846	2.50	7.79
			-	-82 994	656 991	112 846	2.50	6.06
	75.0%	4378	+	38 823	656 991	112 846	2.50	10.22
Trave 37-38			-	-103 995	656 991	112 846	2.50	5.07
	87.5%	4378	+	18 205	656 991	112 846	2.50	15.04
			-	-125 548	656 991	112 846	2.50	4.35
	100%	4378	+	0	656 991	112 846	2.50	VNR
			-	-128 931	656 991	112 846	2.50	4.25
Piano terra					Travata: Trave 37-38			
Trave 1-9	0%	5203	+	111 675	613 311	112 846	2.50	4.38
			-	0	613 311	112 846	2.50	VNR
	12.5%	5203	+	96 239	613 311	112 846	2.50	4.93
			-	0	613 311	112 846	2.50	VNR
	25.0%	5203	+	69 789	613 311	112 846	2.50	6.25
			-	0	613 311	112 846	2.50	VNR
	37.5%	5203	+	44 370	613 311	112 846	2.50	8.44
			-	-8 613	613 311	112 846	2.50	16.62
	50.0%	5203	+	26 704	613 311	112 846	2.50	11.15
			-	-26 896	613 311	112 846	2.50	11.12
	62.5%	5203	+	8 250	613 311	112 846	2.50	16.79
			-	-45 967	613 311	112 846	2.50	8.26
	75.0%	5203	+	0	613 311	112 846	2.50	VNR
Piano terra			-	-77 572	613 311	112 846	2.50	5.79
	87.5%	5203	+	0	613 311	112 846	2.50	VNR
			-	-109 244	613 311	112 846	2.50	4.46
	100.0%	5203	+	0	613 311	112 846	2.50	VNR
			-	-120 132	613 311	112 846	2.50	4.13
Piano terra					Travata: Trave 1-9-18-26-33			
Trave 9-18	0%	7297	+	133 715	656 991	112 846	2.50	3.73
			-	-13 743	656 991	112 846	2.50	11.68
	12.5%	7297	+	133 715	656 991	112 846	2.50	3.73
			-	-33 901	656 991	112 846	2.50	8.60
	25.0%	7297	+	115 356	656 991	112 846	2.50	4.16
			-	-54 059	656 991	112 846	2.50	6.81
	37.5%	7297	+	95 198	656 991	112 846	2.50	4.77
			-	-74 217	656 991	112 846	2.50	5.63
	50.0%	7297	+	75 040	656 991	112 846	2.50	5.59
			-	-94 378	656 991	112 846	2.50	4.80
	62.5%	7297	+	54 879	656 991	112 846	2.50	6.75
			-	-114 536	656 991	112 846	2.50	4.18
	75.0%	7297	+	34 721	656 991	112 846	2.50	8.51
Trave 9-18			-	-134 695	656 991	112 846	2.50	3.71
	87.5%	7297	+	14 563	656 991	112 846	2.50	11.52
			-	-151 931	656 991	112 846	2.50	3.38
Trave 9-18	100%	7297	+	0	656 991	112 846	2.50	VNR
			-	-151 931	656 991	112 846	2.50	3.38
	0%	1548	+	141 210	656 991	112 846	2.50	4.37
Trave 9-18			-	0	656 991	112 846	2.50	VNR
	12.5%	1548	+	141 210	656 991	112 846	2.50	4.37
			-	-16 863	656 991	112 846	2.50	25.39

Travi (CA) - Verifica composta taglio e torsione SLU

Id _{Tr}	%L _{L1} [%]	T _{Ed} [N-m]	+/-	V _{Ed,2} [N]	V _{Rcd} [N]	T _{Rcd} [N-m]	Ctg θ	CS _{v,T}
	25.0%	1548	+ -	122 552 -37 733	656 991 656 991	112 846 112 846	2.50 2.50	4.99 14.05
	37.5%	1548	+ -	101 680 -58 603	656 991 656 991	112 846 112 846	2.50 2.50	5.94 9.72
	50.0%	1548	+ -	80 811 -79 473	656 991 656 991	112 846 112 846	2.50 2.50	7.31 7.42
	62.5%	1548	+ -	59 940 -100 344	656 991 656 991	112 846 112 846	2.50 2.50	9.53 6.01
	75.0%	1548	+ -	39 070 -121 215	656 991 656 991	112 846 112 846	2.50 2.50	13.66 5.04
	87.5%	1548	+ -	18 200 -139 874	656 991 656 991	112 846 112 846	2.50 2.50	24.14 4.41
	100.0%	1548	+ -	0 -139 874	656 991 656 991	112 846 112 846	2.50 2.50	VNR 4.41
Trave 18-26	0%	7455	+ -	145 935 0	656 991 656 991	112 846 112 846	2.50 2.50	3.47 VNR
	12.5%	7455	+ -	145 935 -14 228	656 991 656 991	112 846 112 846	2.50 2.50	3.47 11.40
	25.0%	7455	+ -	128 225 -34 624	656 991 656 991	112 846 112 846	2.50 2.50	3.83 8.42
	37.5%	7455	+ -	107 828 -55 020	656 991 656 991	112 846 112 846	2.50 2.50	4.34 6.68
	50.0%	7455	+ -	87 432 -75 417	656 991 656 991	112 846 112 846	2.50 2.50	5.02 5.53
	62.5%	7455	+ -	67 036 -95 812	656 991 656 991	112 846 112 846	2.50 2.50	5.95 4.72
	75.0%	7455	+ -	46 641 -116 209	656 991 656 991	112 846 112 846	2.50 2.50	7.30 4.12
	87.5%	7455	+ -	26 245 -135 040	656 991 656 991	112 846 112 846	2.50 2.50	9.43 3.68
	100%	7455	+ -	5 849 -135 040	656 991 656 991	112 846 112 846	2.50 2.50	13.34 3.68
Trave 26-33	0%	15826	+ -	180 828 -140 675	656 991 656 991	112 846 112 846	2.50 2.50	2.41 2.82
	12.5%	15826	+ -	180 828 -142 071	656 991 656 991	112 846 112 846	2.50 2.50	2.41 2.81
	25.0%	15826	+ -	180 828 -142 237	656 991 656 991	112 846 112 846	2.50 2.50	2.41 2.80
	37.5%	15826	+ -	180 828 -142 237	656 991 656 991	112 846 112 846	2.50 2.50	2.41 2.80
	49.9%	15826	+ -	180 828 -142 237	656 991 656 991	112 846 112 846	2.50 2.50	2.41 2.80
	62.4%	15826	+ -	180 828 -142 237	656 991 656 991	112 846 112 846	2.50 2.50	2.41 2.80
	75.1%	15826	+ -	180 828 -142 237	656 991 656 991	112 846 112 846	2.50 2.50	2.41 2.80
	87.5%	15826	+ -	180 662 -142 237	656 991 656 991	112 846 112 846	2.50 2.50	2.41 2.80
	100%	15826	+ -	179 268 -142 237	656 991 656 991	112 846 112 846	2.50 2.50	2.42 2.80
Piano terra					Travata: Trave 2-10-19-27-34			
Trave 2-10	0%	5118	+ -	157 104 0	613 311 613 311	112 846 112 846	2.50 2.50	3.32 VNR
	12.5%	5118	+ -	142 786 0	613 311 613 311	112 846 112 846	2.50 2.50	3.59 VNR
	25.0%	5118	+ -	100 857 -10 415	613 311 613 311	112 846 112 846	2.50 2.50	4.77 16.04
	37.5%	5118	+ -	68 151 -35 257	613 311 613 311	112 846 112 846	2.50 2.50	6.39 9.72
	50.0%	5118	+ -	43 313 -60 096	613 311 613 311	112 846 112 846	2.50 2.50	8.62 6.98
	62.5%	5118	+ -	18 474 -84 936	613 311 613 311	112 846 112 846	2.50 2.50	13.25 5.44
	75.0%	5118	+ -	0 -126 322	613 311 613 311	112 846 112 846	2.50 2.50	VNR 3.98
	87.5%	5118	+ -	0 -168 252	613 311 613 311	112 846 112 846	2.50 2.50	VNR 3.13
	100%	5118	+ -	0 -170 518	613 311 613 311	112 846 112 846	2.50 2.50	VNR 3.09
Trave 10-19	0%	694	+ -	193 988 0	613 311 613 311	112 846 112 846	2.50 2.50	3.10 VNR
	12.5%	694	+ -	182 218 0	613 311 613 311	112 846 112 846	2.50 2.50	3.30 VNR
	25.0%	694	+ -	130 784 0	613 311 613 311	112 846 112 846	2.50 2.50	4.56 VNR
	37.5%	694	+ -	79 350 0	613 311 613 311	112 846 112 846	2.50 2.50	7.38 VNR
	50.0%	694	+ -	27 916 -27 877	613 311 613 311	112 846 112 846	2.50 2.50	19.35 19.38
	62.5%	694	+ -	0 -79 310	613 311 613 311	112 846 112 846	2.50 2.50	VNR 7.38
	75.0%	694	+ -	0 -130 745	613 311 613 311	112 846 112 846	2.50 2.50	VNR 4.56

Travi (CA) - Verifica composta taglio e torsione SLU

Id _{Tr}	%L _{L1} [%]	T _{Ed} [N-m]	+/-	V _{Ed,2} [N]	V _{Rcd} [N]	T _{Rcd} [N-m]	Ctgθ	CS _{v,T}
Trave 19-27	87.5%	694	+ -	0 -182 181	613 311 613 311	112 846 112 846	2.50 2.50	VNR 3.30
	100.0%	694	+ -	0 -193 948	613 311 613 311	112 846 112 846	2.50 2.50	VNR 3.10
	0%	4455	+ -	173 270 0	613 311 613 311	112 846 112 846	2.50 2.50	3.11 VNR
	12.5%	4455	+ -	170 448 0	613 311 613 311	112 846 112 846	2.50 2.50	3.15 VNR
	25.0%	4455	+ -	127 957 0	613 311 613 311	112 846 112 846	2.50 2.50	4.03 VNR
	37.5%	4455	+ -	85 469 -17 746	613 311 613 311	112 846 112 846	2.50 2.50	5.59 14.62
	50.0%	4455	+ -	59 997 -42 917	613 311 613 311	112 846 112 846	2.50 2.50	7.28 9.14
	62.5%	4455	+ -	34 826 -68 089	613 311 613 311	112 846 112 846	2.50 2.50	10.39 6.64
	75.0%	4455	+ -	9 655 -101 360	613 311 613 311	112 846 112 846	2.50 2.50	18.11 4.88
	87.5%	4455	+ -	0 -143 851	613 311 613 311	112 846 112 846	2.50 2.50	VNR 3.65
Trave 27-34	100%	4455	+ -	0 -158 723	613 311 613 311	112 846 112 846	2.50 2.50	VNR 3.35
	0%	3248	+ -	144 704 -106 355	613 311 613 311	112 846 112 846	2.50 2.50	3.78 4.95
	12.5%	3248	+ -	144 704 -108 882	613 311 613 311	112 846 112 846	2.50 2.50	3.78 4.85
	25.0%	3248	+ -	142 968 -111 410	613 311 613 311	112 846 112 846	2.50 2.50	3.82 4.75
	37.5%	3248	+ -	140 439 -113 936	613 311 613 311	112 846 112 846	2.50 2.50	3.88 4.66
	50.0%	3248	+ -	137 913 -116 466	613 311 613 311	112 846 112 846	2.50 2.50	3.94 4.57
	62.5%	3248	+ -	135 385 -118 992	613 311 613 311	112 846 112 846	2.50 2.50	4.01 4.49
	75.0%	3248	+ -	132 858 -121 520	613 311 613 311	112 846 112 846	2.50 2.50	4.07 4.41
	87.5%	3248	+ -	130 332 -123 206	613 311 613 311	112 846 112 846	2.50 2.50	4.14 4.35
	100%	3248	+ -	127 804 -123 206	613 311 613 311	112 846 112 846	2.50 2.50	4.22 4.35
Piano terra					Travata: Trave 3-11-20-28-35			
Trave 3-11	0%	4299	+ -	154 966 0	613 311 613 311	112 846 112 846	2.50 2.50	3.44 VNR
	12.5%	4299	+ -	140 783 0	613 311 613 311	112 846 112 846	2.50 2.50	3.74 VNR
	25.0%	4299	+ -	99 243 -10 482	613 311 613 311	112 846 112 846	2.50 2.50	5.00 18.12
	37.5%	4299	+ -	66 613 -35 097	613 311 613 311	112 846 112 846	2.50 2.50	6.82 10.49
	50.0%	4299	+ -	42 001 -59 707	613 311 613 311	112 846 112 846	2.50 2.50	9.38 7.38
	62.5%	4299	+ -	17 390 -84 912	613 311 613 311	112 846 112 846	2.50 2.50	15.05 5.66
	75.0%	4299	+ -	0 -126 452	613 311 613 311	112 846 112 846	2.50 2.50	VNR 4.09
	87.5%	4299	+ -	0 -167 988	613 311 613 311	112 846 112 846	2.50 2.50	VNR 3.21
	100%	4299	+ -	0 -170 246	613 311 613 311	112 846 112 846	2.50 2.50	VNR 3.17
Trave 11-20	0%	625	+ -	192 399 0	613 311 613 311	112 846 112 846	2.50 2.50	3.13 VNR
	12.5%	625	+ -	180 727 0	613 311 613 311	112 846 112 846	2.50 2.50	3.33 VNR
	25.0%	625	+ -	129 773 0	613 311 613 311	112 846 112 846	2.50 2.50	4.61 VNR
	37.5%	625	+ -	78 817 0	613 311 613 311	112 846 112 846	2.50 2.50	7.46 VNR
	50.0%	625	+ -	27 861 -27 383	613 311 613 311	112 846 112 846	2.50 2.50	19.62 19.93
	62.5%	625	+ -	0 -78 337	613 311 613 311	112 846 112 846	2.50 2.50	VNR 7.50
	75.0%	625	+ -	0 -129 296	613 311 613 311	112 846 112 846	2.50 2.50	VNR 4.62
	87.5%	625	+ -	0 -180 249	613 311 613 311	112 846 112 846	2.50 2.50	VNR 3.34
	100.0%	625	+ -	0 -191 921	613 311 613 311	112 846 112 846	2.50 2.50	VNR 3.14
Trave 20-28	0%	3888	+ -	172 538 0	613 311 613 311	112 846 112 846	2.50 2.50	3.17 VNR
	12.5%	3888	+ -	169 729 0	613 311 613 311	112 846 112 846	2.50 2.50	3.21 VNR
	25.0%	3888	+ -	127 636 0	613 311 613 311	112 846 112 846	2.50 2.50	4.12 VNR

Travi (CA) - Verifica composta taglio e torsione SLU

Id _{Tr}	%L _{L1} [%]	T _{Ed} [N-m]	+/-	V _{Ed,2} [N]	V _{Rcd} [N]	T _{Rcd} [N-m]	Ctg θ	CS _{v,T}
	37.5%	3888	+ -	85 542 -18 140	613 311 613 311	112 846 112 846	2.50 2.50	5.75 15.62
	50.0%	3888	+ -	60 361 -43 081	613 311 613 311	112 846 112 846	2.50 2.50	7.53 9.55
	62.5%	3888	+ -	35 420 -68 022	613 311 613 311	112 846 112 846	2.50 2.50	10.85 6.88
	75.0%	3888	+ -	10 481 -100 367	613 311 613 311	112 846 112 846	2.50 2.50	19.40 5.05
	87.5%	3888	+ -	0 -142 462	613 311 613 311	112 846 112 846	2.50 2.50	VNR 3.75
	100%	3888	+ -	0 -157 194	613 311 613 311	112 846 112 846	2.50 2.50	VNR 3.44
Trave 28-35	0%	2896	+ -	85 426 -43 459	613 311 613 311	112 846 112 846	2.50 2.50	6.06 10.36
	12.5%	2896	+ -	84 529 -47 675	613 311 613 311	112 846 112 846	2.50 2.50	6.12 9.67
	25.0%	2896	+ -	80 314 -51 891	613 311 613 311	112 846 112 846	2.50 2.50	6.39 9.07
	37.5%	2896	+ -	76 098 -56 107	613 311 613 311	112 846 112 846	2.50 2.50	6.68 8.54
	50.0%	2896	+ -	71 884 -60 321	613 311 613 311	112 846 112 846	2.50 2.50	7.00 8.06
	62.5%	2896	+ -	67 667 -64 537	613 311 613 311	112 846 112 846	2.50 2.50	7.35 7.64
	75.0%	2896	+ -	63 451 -68 753	613 311 613 311	112 846 112 846	2.50 2.50	7.74 7.26
	87.5%	2896	+ -	59 236 -72 968	613 311 613 311	112 846 112 846	2.50 2.50	8.18 6.91
	100%	2896	+ -	55 020 -73 816	613 311 613 311	112 846 112 846	2.50 2.50	8.67 6.85
Piano terra					Travata: Trave 4-12-21-29-36			
Trave 4-12	0%	5106	+ -	157 505 0	613 311 613 311	112 846 112 846	2.50 2.50	3.31 VNR
	12.5%	5106	+ -	143 124 0	613 311 613 311	112 846 112 846	2.50 2.50	3.59 VNR
	25.0%	5106	+ -	100 998 -9 552	613 311 613 311	112 846 112 846	2.50 2.50	4.76 16.44
	37.5%	5106	+ -	66 690 -34 508	613 311 613 311	112 846 112 846	2.50 2.50	6.49 9.85
	50.0%	5106	+ -	41 737 -59 460	613 311 613 311	112 846 112 846	2.50 2.50	8.83 7.03
	62.5%	5106	+ -	16 784 -86 170	613 311 613 311	112 846 112 846	2.50 2.50	13.77 5.38
	75.0%	5106	+ -	0 -128 295	613 311 613 311	112 846 112 846	2.50 2.50	VNR 3.93
	87.5%	5106	+ -	0 -170 420	613 311 613 311	112 846 112 846	2.50 2.50	VNR 3.09
	100%	5106	+ -	0 -172 691	613 311 613 311	112 846 112 846	2.50 2.50	VNR 3.06
Trave 12-21	0%	683	+ -	195 455 0	613 311 613 311	112 846 112 846	2.50 2.50	3.08 VNR
	12.5%	683	+ -	183 637 0	613 311 613 311	112 846 112 846	2.50 2.50	3.27 VNR
	25.0%	683	+ -	131 962 0	613 311 613 311	112 846 112 846	2.50 2.50	4.52 VNR
	37.5%	683	+ -	80 289 0	613 311 613 311	112 846 112 846	2.50 2.50	7.30 VNR
	50.0%	683	+ -	28 614 -27 543	613 311 613 311	112 846 112 846	2.50 2.50	18.97 19.62
	62.5%	683	+ -	0 -79 217	613 311 613 311	112 846 112 846	2.50 2.50	VNR 7.40
	75.0%	683	+ -	0 -130 893	613 311 613 311	112 846 112 846	2.50 2.50	VNR 4.56
	87.5%	683	+ -	0 -182 567	613 311 613 311	112 846 112 846	2.50 2.50	VNR 3.29
	100%	683	+ -	0 -194 384	613 311 613 311	112 846 112 846	2.50 2.50	VNR 3.10
Trave 21-29	0%	5246	+ -	173 322 0	613 311 613 311	112 846 112 846	2.50 2.50	3.04 VNR
	12.5%	5246	+ -	170 492 0	613 311 613 311	112 846 112 846	2.50 2.50	3.08 VNR
	25.0%	5246	+ -	127 804 0	613 311 613 311	112 846 112 846	2.50 2.50	3.92 VNR
	37.5%	5246	+ -	85 280 -19 424	613 311 613 311	112 846 112 846	2.50 2.50	5.39 12.79
	50.0%	5246	+ -	59 995 -44 710	613 311 613 311	112 846 112 846	2.50 2.50	6.93 8.38
	62.5%	5246	+ -	34 708 -69 997	613 311 613 311	112 846 112 846	2.50 2.50	9.70 6.23
	75.0%	5246	+ -	9 423 -104 084	613 311 613 311	112 846 112 846	2.50 2.50	16.17 4.63
	87.5%	5246	+ -	0 -146 773	613 311 613 311	112 846 112 846	2.50 2.50	VNR 3.50

Travi (CA) - Verifica composta taglio e torsione SLU

Id _{Tr}	%L _{L1} [%]	T _{Ed} [N-m]	+/-	V _{Ed,2} [N]	V _{Rcd} [N]	T _{Rcd} [N-m]	Ctgθ	CS _{v,T}
Trave 29-36	100%	5246	+ -	0 -161 714	613 311 613 311	112 846 112 846	2.50 2.50	VNR 3.22
	0%	2555	+ -	132 042 0	613 311 613 311	112 846 112 846	2.50 2.50	4.20 VNR
	12.5%	2555	+ -	119 065 0	613 311 613 311	112 846 112 846	2.50 2.50	4.61 VNR
	25.0%	2555	+ -	89 427 -3 925	613 311 613 311	112 846 112 846	2.50 2.50	5.94 34.43
	37.5%	2555	+ -	69 693 -21 694	613 311 613 311	112 846 112 846	2.50 2.50	7.34 17.24
	50.0%	2555	+ -	51 927 -39 460	613 311 613 311	112 846 112 846	2.50 2.50	9.32 11.50
	62.5%	2555	+ -	34 158 -57 230	613 311 613 311	112 846 112 846	2.50 2.50	12.77 8.62
	75.0%	2555	+ -	16 393 -74 995	613 311 613 311	112 846 112 846	2.50 2.50	20.26 6.90
	87.5%	2555	+ -	0 -98 483	613 311 613 311	112 846 112 846	2.50 2.50	VNR 5.46
	100%	2555	+ -	0 -111 353	613 311 613 311	112 846 112 846	2.50 2.50	VNR 4.90
Piano terra					Travata: Trave 5-13-22-30-39			
Trave 5-13	0%	3889	+ -	178 876 0	656 991 656 991	112 846 112 846	2.50 2.50	3.26 VNR
	12.5%	3889	+ -	178 876 -7 278	656 991 656 991	112 846 112 846	2.50 2.50	3.26 21.96
	25.0%	3889	+ -	133 561 -36 139	656 991 656 991	112 846 112 846	2.50 2.50	4.21 11.18
	37.5%	3889	+ -	99 018 -65 006	656 991 656 991	112 846 112 846	2.50 2.50	5.40 7.50
	50.0%	3889	+ -	70 157 -93 870	656 991 656 991	112 846 112 846	2.50 2.50	7.08 5.64
	62.5%	3889	+ -	41 294 -123 381	656 991 656 991	112 846 112 846	2.50 2.50	10.28 4.50
	75.0%	3889	+ -	12 429 -171 807	656 991 656 991	112 846 112 846	2.50 2.50	18.73 3.38
	87.5%	3889	+ -	0 -205 128	656 991 656 991	112 846 112 846	2.50 2.50	VNR 2.88
	100%	3889	+ -	0 -205 128	656 991 656 991	112 846 112 846	2.50 2.50	VNR 2.88
	0%	554	+ -	196 897 0	656 991 656 991	112 846 112 846	2.50 2.50	3.28 VNR
Trave 13-22	12.5%	554	+ -	196 897 0	656 991 656 991	112 846 112 846	2.50 2.50	3.28 VNR
	25.0%	554	+ -	158 011 0	656 991 656 991	112 846 112 846	2.50 2.50	4.07 VNR
	37.5%	554	+ -	106 802 -29 142	656 991 656 991	112 846 112 846	2.50 2.50	5.97 20.30
	50.0%	554	+ -	61 818 -59 662	656 991 656 991	112 846 112 846	2.50 2.50	10.10 10.45
	62.5%	554	+ -	31 298 -103 045	656 991 656 991	112 846 112 846	2.50 2.50	19.03 6.18
	75.0%	554	+ -	776 -154 258	656 991 656 991	112 846 112 846	2.50 2.50	NS 4.17
	87.5%	554	+ -	0 -193 141	656 991 656 991	112 846 112 846	2.50 2.50	VNR 3.35
	100.0%	554	+ -	0 -193 141	656 991 656 991	112 846 112 846	2.50 2.50	VNR 3.35
	0%	6234	+ -	186 312 0	656 991 656 991	112 846 112 846	2.50 2.50	2.95 VNR
	12.5%	6234	+ -	186 312 0	656 991 656 991	112 846 112 846	2.50 2.50	2.95 VNR
Trave 22-30	25.0%	6234	+ -	147 425 -4 199	656 991 656 991	112 846 112 846	2.50 2.50	3.58 16.22
	37.5%	6234	+ -	96 217 -34 723	656 991 656 991	112 846 112 846	2.50 2.50	4.96 9.25
	50.0%	6234	+ -	55 571 -65 243	656 991 656 991	112 846 112 846	2.50 2.50	7.15 6.47
	62.5%	6234	+ -	25 051 -114 411	656 991 656 991	112 846 112 846	2.50 2.50	10.71 4.36
	75.0%	6234	+ -	0 -165 621	656 991 656 991	112 846 112 846	2.50 2.50	VNR 3.25
	87.5%	6234	+ -	0 -216 498	656 991 656 991	112 846 112 846	2.50 2.50	VNR 2.60
	100%	6234	+ -	0 -216 498	656 991 656 991	112 846 112 846	2.50 2.50	VNR 2.60
	0%	4310	+ -	271 383 0	656 991 656 991	112 846 112 846	2.50 2.50	2.22 VNR
	12.5%	4310	+ -	259 917 0	656 991 656 991	112 846 112 846	2.50 2.50	2.31 VNR
	25.0%	4310	+ -	196 913 0	656 991 656 991	112 846 112 846	2.50 2.50	2.96 VNR
Trave 30-39	37.5%	4310	+ -	133 904 -14 701	656 991 656 991	112 846 112 846	2.50 2.50	4.13 16.51

Travi (CA) - Verifica composta taglio e torsione SLU								
Id _{Tr}	%L _{Lt} [%]	T _{Ed} [N-m]	+/-	V _{Ed,2} [N]	V _{Rcd} [N]	T _{Rcd} [N-m]	Ctgθ	CS _{v,T}
	50.0%	4310	+ -	71 638 -52 251	656 991 656 991	112 846 112 846	2.50 2.50	6.79 8.49
	62.5%	4310	+ -	34 088 -101 210	656 991 656 991	112 846 112 846	2.50 2.50	11.10 5.20
	75.0%	4310	+ -	0 -162 898	656 991 656 991	112 846 112 846	2.50 2.50	VNR 3.49
	87.5%	4310	+ -	0 -210 979	656 991 656 991	112 846 112 846	2.50 2.50	VNR 2.78
	100.0%	4310	+ -	0 -217 936	656 991 656 991	112 846 112 846	2.50 2.50	VNR 2.70
Piano terra					Travata: Trave 6-14-1b-23-31-37-40			
Trave 6-14	0%	6147	+ -	180 391 0	656 991 656 991	112 846 112 846	2.50 2.50	3.04 VNR
	12.5%	6147	+ -	180 391 -21 670	656 991 656 991	112 846 112 846	2.50 2.50	3.04 11.43
	25.0%	6147	+ -	147 050 -49 869	656 991 656 991	112 846 112 846	2.50 2.50	3.59 7.67
	37.5%	6147	+ -	118 850 -78 067	656 991 656 991	112 846 112 846	2.50 2.50	4.25 5.77
	50.0%	6147	+ -	90 649 -106 270	656 991 656 991	112 846 112 846	2.50 2.50	5.20 4.62
	62.5%	6147	+ -	62 448 -134 470	656 991 656 991	112 846 112 846	2.50 2.50	6.69 3.86
	75.0%	6147	+ -	34 249 -164 092	656 991 656 991	112 846 112 846	2.50 2.50	9.38 3.29
	87.5%	6147	+ -	6 051 -203 181	656 991 656 991	112 846 112 846	2.50 2.50	15.70 2.75
	100%	6147	+ -	0 -203 181	656 991 656 991	112 846 112 846	2.50 2.50	VNR 2.75
	Trave 14-1b							
Trave 14-1b	0%	1030	+ -	256 232 0	656 991 656 991	112 846 112 846	2.50 2.50	2.51 VNR
	12.5%	1030	+ -	256 232 -14 954	656 991 656 991	112 846 112 846	2.50 2.50	2.51 31.36
	25.0%	1030	+ -	254 573 -39 904	656 991 656 991	112 846 112 846	2.50 2.50	2.52 14.31
	37.5%	1030	+ -	219 237 -64 834	656 991 656 991	112 846 112 846	2.50 2.50	2.92 9.28
	50.0%	1030	+ -	194 247 -89 738	656 991 656 991	112 846 112 846	2.50 2.50	3.28 6.86
	62.5%	1030	+ -	169 279 -114 618	656 991 656 991	112 846 112 846	2.50 2.50	3.75 5.45
	75.0%	1030	+ -	144 336 -135 137	656 991 656 991	112 846 112 846	2.50 2.50	4.37 4.66
	87.5%	1030	+ -	119 417 -136 926	656 991 656 991	112 846 112 846	2.50 2.50	5.24 4.60
	100.0%	1030	+ -	94 521 -136 926	656 991 656 991	112 846 112 846	2.50 2.50	6.54 4.60
	Trave 1b-23							
Trave 1b-23	0%	1562	+ -	35 594 -174 044	656 991 656 991	112 846 112 846	2.50 2.50	14.70 3.59
	12.5%	1562	+ -	35 594 -181 075	656 991 656 991	112 846 112 846	2.50 2.50	14.70 3.45
	25.0%	1562	+ -	35 594 -188 105	656 991 656 991	112 846 112 846	2.50 2.50	14.70 3.33
	37.5%	1562	+ -	32 097 -195 137	656 991 656 991	112 846 112 846	2.50 2.50	15.95 3.22
	50.0%	1562	+ -	25 065 -202 169	656 991 656 991	112 846 112 846	2.50 2.50	19.23 3.11
	62.5%	1562	+ -	18 033 -209 199	656 991 656 991	112 846 112 846	2.50 2.50	24.22 3.01
	75.0%	1562	+ -	11 002 -211 527	656 991 656 991	112 846 112 846	2.50 2.50	32.69 2.98
	87.5%	1562	+ -	3 971 -211 527	656 991 656 991	112 846 112 846	2.50 2.50	50.29 2.98
	100.0%	1562	+ -	0 -211 527	656 991 656 991	112 846 112 846	2.50 2.50	VNR 2.98
	Trave 23-31							
Trave 23-31	0%	6989	+ -	280 637 0	656 991 656 991	112 846 112 846	2.50 2.50	2.04 VNR
	12.5%	6989	+ -	280 637 0	656 991 656 991	112 846 112 846	2.50 2.50	2.04 VNR
	25.0%	6989	+ -	216 412 -728	656 991 656 991	112 846 112 846	2.50 2.50	2.56 15.86
	37.5%	6989	+ -	144 835 -41 290	656 991 656 991	112 846 112 846	2.50 2.50	3.54 8.01
	50.0%	6989	+ -	82 473 -81 463	656 991 656 991	112 846 112 846	2.50 2.50	5.33 5.38
	62.5%	6989	+ -	41 884 -144 370	656 991 656 991	112 846 112 846	2.50 2.50	7.96 3.55
	75.0%	6989	+ -	1 692 -212 167	656 991 656 991	112 846 112 846	2.50 2.50	15.50 2.60
	87.5%	6989	+ -	0 -277 286	656 991 656 991	112 846 112 846	2.50 2.50	VNR 2.07
	100%	6989	+ -	0 -277 286	656 991 656 991	112 846 112 846	2.50 2.50	VNR 2.07

Travi (CA) - Verifica composta taglio e torsione SLU

Id _{Tr}	%L _L [%]	T _{Ed} [N-m]	+/-	V _{Ed,2} [N]	V _{Rcd} [N]	T _{Rcd} [N-m]	Ctg θ	CS _{v,T}
Trave 31-37	0%	12271	+ -	281 234 0	656 991 656 991	112 846 112 846	2.50 2.50	1.86 VNR
	12.5%	12271	+ -	281 234 0	656 991 656 991	112 846 112 846	2.50 2.50	1.86 VNR
	25.0%	12271	+ -	214 424 0	656 991 656 991	112 846 112 846	2.50 2.50	2.30 VNR
	37.5%	12271	+ -	147 963 -25 529	656 991 656 991	112 846 112 846	2.50 2.50	2.99 6.78
	50.0%	12271	+ -	82 282 -63 077	656 991 656 991	112 846 112 846	2.50 2.50	4.27 4.88
	62.5%	12271	+ -	43 454 -113 816	656 991 656 991	112 846 112 846	2.50 2.50	5.72 3.55
	75.0%	12271	+ -	5 902 -176 363	656 991 656 991	112 846 112 846	2.50 2.50	8.49 2.65
	87.5%	12271	+ -	0 -228 299	656 991 656 991	112 846 112 846	2.50 2.50	VNR 2.19
	100.0%	12271	+ -	0 -228 299	656 991 656 991	112 846 112 846	2.50 2.50	VNR 2.19
Trave 37-40	0%	16575	+ -	142 940 -67 063	656 991 656 991	112 846 112 846	2.50 2.50	2.74 4.02
	12.5%	16575	+ -	142 940 -74 567	656 991 656 991	112 846 112 846	2.50 2.50	2.74 3.84
	25.0%	16575	+ -	142 940 -81 284	656 991 656 991	112 846 112 846	2.50 2.50	2.74 3.70
	37.5%	16575	+ -	138 693 -86 890	656 991 656 991	112 846 112 846	2.50 2.50	2.79 3.58
	50.0%	16575	+ -	131 167 -91 391	656 991 656 991	112 846 112 846	2.50 2.50	2.89 3.50
	62.5%	16575	+ -	123 630 -94 783	656 991 656 991	112 846 112 846	2.50 2.50	2.98 3.43
	75.0%	16575	+ -	116 186 -96 250	656 991 656 991	112 846 112 846	2.50 2.50	3.09 3.41
	87.5%	16575	+ -	109 656 -96 250	656 991 656 991	112 846 112 846	2.50 2.50	3.19 3.41
	100%	16575	+ -	104 230 -96 250	656 991 656 991	112 846 112 846	2.50 2.50	3.27 3.41
Piano terra					Travata: Trave 7-15			
Trave 7-15	0%	2430	+ -	199 188 0	614 065 614 065	112 846 112 846	2.50 2.50	2.89 VNR
	12.5%	2430	+ -	178 872 0	614 065 614 065	112 846 112 846	2.50 2.50	3.20 VNR
	25.0%	2430	+ -	130 375 -1 370	614 065 614 065	112 846 112 846	2.50 2.50	4.28 42.08
	37.5%	2430	+ -	90 097 -30 087	614 065 614 065	112 846 112 846	2.50 2.50	5.94 14.18
	50.0%	2430	+ -	61 378 -58 807	614 065 614 065	112 846 112 846	2.50 2.50	8.23 8.53
	62.5%	2430	+ -	32 659 -87 526	614 065 614 065	112 846 112 846	2.50 2.50	13.38 6.09
	75.0%	2430	+ -	3 937 -125 730	614 065 614 065	112 846 112 846	2.50 2.50	35.78 4.42
	87.5%	2430	+ -	0 -174 230	614 065 614 065	112 846 112 846	2.50 2.50	VNR 3.28
	100%	2430	+ -	0 -190 434	614 065 614 065	112 846 112 846	2.50 2.50	VNR 3.02
Piano terra					Travata: Trave 8-16-17-25-32-38-41			
Trave 8-16	0%	6961	+ -	184 188 -16 457	656 991 656 991	112 846 112 846	2.50 2.50	2.92 11.53
	12.5%	6961	+ -	184 188 -41 318	656 991 656 991	112 846 112 846	2.50 2.50	2.92 8.03
	25.0%	6961	+ -	161 548 -66 179	656 991 656 991	112 846 112 846	2.50 2.50	3.25 6.16
	37.5%	6961	+ -	136 687 -91 040	656 991 656 991	112 846 112 846	2.50 2.50	3.71 4.99
	50.0%	6961	+ -	111 824 -115 902	656 991 656 991	112 846 112 846	2.50 2.50	4.31 4.20
	62.5%	6961	+ -	86 962 -140 764	656 991 656 991	112 846 112 846	2.50 2.50	5.15 3.62
	75.0%	6961	+ -	62 102 -165 625	656 991 656 991	112 846 112 846	2.50 2.50	6.40 3.19
	87.5%	6961	+ -	37 240 -187 126	656 991 656 991	112 846 112 846	2.50 2.50	8.45 2.89
	100%	6961	+ -	12 379 -187 126	656 991 656 991	112 846 112 846	2.50 2.50	12.42 2.89
Trave 16-17	0%	9696	+ -	218 684 -108 224	656 991 656 991	112 846 112 846	2.50 2.50	2.39 3.99
	12.5%	9696	+ -	218 684 -121 840	656 991 656 991	112 846 112 846	2.50 2.50	2.39 3.68
	25.0%	9696	+ -	218 684 -135 441	656 991 656 991	112 846 112 846	2.50 2.50	2.39 3.42
	37.5%	9696	+ -	212 025 -149 029	656 991 656 991	112 846 112 846	2.50 2.50	2.45 3.20
	50.0%	9696	+	198 386	656 991	112 846	2.50	2.58

Travi (CA) - Verifica composta taglio e torsione SLU								
Id _{Tr}	%L _{Lt} [%]	T _{Ed} [N-m]	+/-	V _{Ed,2} [N]	V _{Rcd} [N]	T _{Rcd} [N-m]	Ctgθ	CS _{v,T}
Trave 17-25			-	-162 601	656 991	112 846	2.50	3.00
	62.5%	9696	+	184 760	656 991	112 846	2.50	2.72
			-	-176 159	656 991	112 846	2.50	2.82
	75.0%	9696	+	171 149	656 991	112 846	2.50	2.89
			-	-185 186	656 991	112 846	2.50	2.72
	87.5%	9696	+	157 552	656 991	112 846	2.50	3.07
			-	-185 186	656 991	112 846	2.50	2.72
	100%	9696	+	143 971	656 991	112 846	2.50	3.28
			-	-185 186	656 991	112 846	2.50	2.72
	0%	10981	+	135 236	656 991	112 846	2.50	3.30
			-	-173 859	656 991	112 846	2.50	2.76
	12.5%	10981	+	135 236	656 991	112 846	2.50	3.30
			-	-177 812	656 991	112 846	2.50	2.72
	25.0%	10981	+	135 236	656 991	112 846	2.50	3.30
			-	-181 764	656 991	112 846	2.50	2.67
Trave 25-32	37.5%	10981	+	132 355	656 991	112 846	2.50	3.35
			-	-185 717	656 991	112 846	2.50	2.63
	50.0%	10981	+	128 402	656 991	112 846	2.50	3.42
			-	-189 670	656 991	112 846	2.50	2.59
	62.5%	10981	+	124 448	656 991	112 846	2.50	3.49
			-	-193 623	656 991	112 846	2.50	2.55
	75.0%	10981	+	120 496	656 991	112 846	2.50	3.56
			-	-196 504	656 991	112 846	2.50	2.52
	87.5%	10981	+	116 542	656 991	112 846	2.50	3.64
			-	-196 504	656 991	112 846	2.50	2.52
	100%	10981	+	112 590	656 991	112 846	2.50	3.72
			-	-196 504	656 991	112 846	2.50	2.52
	0%	4345	+	216 613	656 991	112 846	2.50	2.72
			-	0	656 991	112 846	2.50	VNR
	12.5%	4345	+	216 613	656 991	112 846	2.50	2.72
Trave 32-38			-	-12 045	656 991	112 846	2.50	17.59
	25.0%	4345	+	169 221	656 991	112 846	2.50	3.38
			-	-44 377	656 991	112 846	2.50	9.43
	37.5%	4345	+	135 918	656 991	112 846	2.50	4.08
			-	-76 331	656 991	112 846	2.50	6.46
	50.0%	4345	+	103 573	656 991	112 846	2.50	5.10
			-	-107 909	656 991	112 846	2.50	4.93
	62.5%	4345	+	71 607	656 991	112 846	2.50	6.78
			-	-139 111	656 991	112 846	2.50	4.00
	75.0%	4345	+	40 014	656 991	112 846	2.50	10.06
			-	-174 007	656 991	112 846	2.50	3.30
	87.5%	4345	+	8 803	656 991	112 846	2.50	19.27
			-	-226 605	656 991	112 846	2.50	2.61
	100%	4345	+	0	656 991	112 846	2.50	VNR
			-	-226 605	656 991	112 846	2.50	2.61
Trave 38-41	0%	7182	+	213 307	656 991	112 846	2.50	2.58
			-	0	656 991	112 846	2.50	VNR
	12.5%	7182	+	213 307	656 991	112 846	2.50	2.58
			-	-12 321	656 991	112 846	2.50	12.14
	25.0%	7182	+	165 927	656 991	112 846	2.50	3.16
			-	-41 238	656 991	112 846	2.50	7.91
	37.5%	7182	+	136 621	656 991	112 846	2.50	3.68
			-	-69 776	656 991	112 846	2.50	5.89
	50.0%	7182	+	107 692	656 991	112 846	2.50	4.39
			-	-97 938	656 991	112 846	2.50	4.70
	62.5%	7182	+	79 141	656 991	112 846	2.50	5.43
			-	-125 725	656 991	112 846	2.50	3.92
	75.0%	7182	+	50 966	656 991	112 846	2.50	7.08
			-	-153 132	656 991	112 846	2.50	3.37
	87.5%	7182	+	23 169	656 991	112 846	2.50	10.11
Trave 38-41			-	-186 849	656 991	112 846	2.50	2.87
	100%	7182	+	0	656 991	112 846	2.50	VNR
			-	-186 849	656 991	112 846	2.50	2.87
	0%	7968	+	150 146	656 991	112 846	2.50	3.34
			-	-90 981	656 991	112 846	2.50	4.78
	12.5%	7968	+	150 146	656 991	112 846	2.50	3.34
			-	-98 183	656 991	112 846	2.50	4.54
	25.0%	7968	+	146 098	656 991	112 846	2.50	3.41
			-	-105 584	656 991	112 846	2.50	4.32
	37.5%	7968	+	139 053	656 991	112 846	2.50	3.54
			-	-113 188	656 991	112 846	2.50	4.12
	50.0%	7968	+	131 809	656 991	112 846	2.50	3.69
			-	-120 989	656 991	112 846	2.50	3.93
	62.5%	7968	+	124 365	656 991	112 846	2.50	3.85
			-	-128 988	656 991	112 846	2.50	3.75
Fondazione	75.0%	7968	+	116 722	656 991	112 846	2.50	4.03
			-	-137 188	656 991	112 846	2.50	3.58
	87.5%	7968	+	108 878	656 991	112 846	2.50	4.23
			-	-142 254	656 991	112 846	2.50	3.48
	100%	7968	+	100 834	656 991	112 846	2.50	4.46
				-142 254	656 991	112 846	2.50	3.48
Fondazione					Travata: Trave 1-2-3-4-5-6-7-8			
Trave 1-2	0%	14235	+	0	475 556	78 471	2.50	VNR

Travi (CA) - Verifica composta taglio e torsione SLU

Id _{Tr}	%L _{L1} [%]	T _{Ed} [N-m]	+/-	V _{Ed,2} [N]	V _{Rcd} [N]	T _{Rcd} [N-m]	Ctg θ	CS _{v,T}
			-	-66 345	475 556	78 471	2.50	3.12
	12.5%	6883	+	0	475 556	78 471	2.50	VNR
			-	-45 192	475 556	78 471	2.50	5.47
	25.0%	2307	+	0	475 556	78 471	2.50	VNR
			-	-31 362	475 556	78 471	2.50	10.49
	37.5%	997	+	862	475 556	78 471	2.50	68.88
			-	-19 194	475 556	78 471	2.50	18.84
	50.0%	393	+	10 086	475 556	78 471	2.50	38.14
			-	-10 010	475 556	78 471	2.50	38.38
	62.5%	2248	+	33 055	475 556	78 471	2.50	10.19
			-	0	475 556	78 471	2.50	VNR
	75.0%	4296	+	46 152	475 556	78 471	2.50	6.59
			-	0	475 556	78 471	2.50	VNR
	87.5%	6942	+	66 027	475 556	78 471	2.50	4.40
			-	0	475 556	78 471	2.50	VNR
	100%	15181	+	88 942	475 576	78 471	2.50	2.63
			-	0	475 576	78 471	2.50	VNR
Trave 2-3	0%	14453	+	2 839	475 556	78 471	2.50	5.26
			-	-95 464	475 556	78 471	2.50	2.60
	12.5%	6356	+	0	475 556	78 471	2.50	VNR
			-	-64 427	475 556	78 471	2.50	4.62
	25.0%	3974	+	0	475 556	78 471	2.50	VNR
			-	-45 250	475 556	78 471	2.50	6.86
	37.5%	2062	+	2 526	475 556	78 471	2.50	31.66
			-	-33 145	475 556	78 471	2.50	10.42
	50.0%	1150	+	10 894	475 556	78 471	2.50	26.62
			-	-20 793	475 556	78 471	2.50	17.13
	62.5%	2096	+	32 361	475 556	78 471	2.50	10.55
			-	-3 908	475 556	78 471	2.50	28.63
	75.0%	4364	+	43 638	475 556	78 471	2.50	6.79
			-	0	475 556	78 471	2.50	VNR
	87.5%	7234	+	63 353	475 556	78 471	2.50	4.44
			-	0	475 556	78 471	2.50	VNR
	100%	15585	+	89 287	475 556	78 471	2.50	2.59
			-	0	475 556	78 471	2.50	VNR
Trave 3-4	0%	16071	+	6 192	475 556	78 471	2.50	4.59
			-	-98 509	475 556	78 471	2.50	2.43
	12.5%	6033	+	0	475 556	78 471	2.50	VNR
			-	-72 050	475 556	78 471	2.50	4.38
	25.0%	3855	+	817	475 556	78 471	2.50	19.67
			-	-49 166	475 556	78 471	2.50	6.56
	37.5%	2078	+	4 522	475 556	78 471	2.50	27.79
			-	-34 781	475 556	78 471	2.50	10.04
	50.0%	818	+	12 157	475 556	78 471	2.50	27.79
			-	-21 888	475 556	78 471	2.50	17.71
	62.5%	2514	+	32 994	475 556	78 471	2.50	9.86
			-	-4 621	475 556	78 471	2.50	23.95
	75.0%	3448	+	47 971	475 556	78 471	2.50	6.91
			-	0	475 556	78 471	2.50	VNR
	87.5%	7202	+	67 598	475 556	78 471	2.50	4.27
			-	0	475 556	78 471	2.50	VNR
	100.0%	18289	+	100 766	475 556	78 471	2.50	2.25
			-	-1 797	475 556	78 471	2.50	4.22
Trave 4-5	0%	17437	+	1 545	475 556	78 471	2.50	4.44
			-	-95 108	475 556	78 471	2.50	2.37
	12.5%	7063	+	0	475 556	78 471	2.50	VNR
			-	-67 788	475 556	78 471	2.50	4.30
	25.0%	4513	+	0	475 556	78 471	2.50	VNR
			-	-47 598	475 556	78 471	2.50	6.35
	37.5%	3208	+	4 142	475 556	78 471	2.50	20.16
			-	-31 889	475 556	78 471	2.50	9.26
	50.0%	2068	+	9 822	475 556	78 471	2.50	21.27
			-	-20 545	475 556	78 471	2.50	14.38
	62.5%	2346	+	28 457	475 556	78 471	2.50	11.14
			-	-1 808	475 556	78 471	2.50	29.68
	75.0%	3133	+	42 594	475 556	78 471	2.50	7.72
			-	0	475 556	78 471	2.50	VNR
	87.5%	5798	+	63 023	475 556	78 471	2.50	4.84
			-	0	475 556	78 471	2.50	VNR
	100%	15009	+	92 059	475 556	78 471	2.50	2.60
			-	0	475 556	78 471	2.50	VNR
Trave 5-6	0%	16144	+	0	475 556	78 471	2.50	VNR
			-	-94 060	475 556	78 471	2.50	2.48
	12.5%	6002	+	0	475 556	78 471	2.50	VNR
			-	-62 101	475 556	78 471	2.50	4.83
	25.0%	2597	+	0	475 556	78 471	2.50	VNR
			-	-42 694	475 556	78 471	2.50	8.14
	37.5%	1957	+	1 307	475 556	78 471	2.50	36.12
			-	-27 134	475 556	78 471	2.50	12.20
	50.0%	900	+	9 014	475 556	78 471	2.50	32.87
			-	-15 559	475 556	78 471	2.50	22.63
	62.5%	1922	+	33 976	475 556	78 471	2.50	10.42
			-	0	475 556	78 471	2.50	VNR

Travi (CA) - Verifica composta taglio e torsione SLU

Id _{Tr}	%L _{L1} [%]	T _{Ed} [N-m]	+/-	V _{Ed,2} [N]	V _{Rcd} [N]	T _{Rcd} [N-m]	Ctgθ	CS _{v,T}
	75.0%	4284	+ -	51 375 0	475 556 475 556	78 471 78 471	2.50 2.50	6.15 VNR
	87.5%	7181	+ -	75 302 0	475 556 475 556	78 471 78 471	2.50 2.50	4.00 VNR
	100%	15720	+ -	102 701 0	475 556 475 556	78 471 78 471	2.50 2.50	2.40 VNR
	0%	16517	+ -	0 -101 340	475 556 475 556	78 471 78 471	2.50 2.50	VNR 2.36
Trave 6-7	12.5%	7048	+ -	0 -76 099	475 556 475 556	78 471 78 471	2.50 2.50	VNR 4.00
	25.0%	4255	+ -	0 -51 524	475 556 475 556	78 471 78 471	2.50 2.50	VNR 6.15
	37.5%	1376	+ -	0 -36 107	475 556 475 556	78 471 78 471	2.50 2.50	VNR 10.70
	50.0%	983	+ -	3 363 -21 656	475 556 475 556	78 471 78 471	2.50 2.50	51.02 17.22
	62.5%	2147	+ -	25 341 -4 688	475 556 475 556	78 471 78 471	2.50 2.50	12.40 26.87
	75.0%	4832	+ -	37 840 0	475 556 475 556	78 471 78 471	2.50 2.50	7.08 VNR
	87.5%	8504	+ -	58 736 0	475 556 475 556	78 471 78 471	2.50 2.50	4.31 VNR
	100%	15880	+ -	86 229 0	475 556 475 556	78 471 78 471	2.50 2.50	2.61 VNR
	0%	18195	+ -	0 -79 819	475 556 475 556	78 471 78 471	2.50 2.50	VNR 2.50
	12.5%	7576	+ -	0 -55 903	475 556 475 556	78 471 78 471	2.50 2.50	VNR 4.67
	25.0%	4579	+ -	0 -37 817	475 556 475 556	78 471 78 471	2.50 2.50	VNR 7.25
	37.5%	1839	+ -	187 -23 221	475 556 475 556	78 471 78 471	2.50 2.50	41.97 13.84
Trave 7-8	50.0%	1784	+ -	9 533 -10 855	475 556 475 556	78 471 78 471	2.50 2.50	23.38 21.95
	62.5%	2265	+ -	34 826 0	475 556 475 556	78 471 78 471	2.50 2.50	9.79 VNR
	75.0%	3471	+ -	52 440 0	475 556 475 556	78 471 78 471	2.50 2.50	6.47 VNR
	87.5%	8083	+ -	73 803 0	475 556 475 556	78 471 78 471	2.50 2.50	3.87 VNR
	100.0%	22068	+ -	108 239 0	479 422 479 422	78 471 78 471	2.50 2.50	1.97 VNR
Fondazione					Travata: Trave 9-10-11-12-13-14-15-16			
Trave 9-10	0%	7510	+ -	0 -62 675	477 238 477 238	78 471 78 471	2.50 2.50	VNR 4.40
	12.5%	2896	+ -	0 -53 971	475 556 475 556	78 471 78 471	2.50 2.50	VNR 6.65
	25.0%	2137	+ -	0 -40 081	475 556 475 556	78 471 78 471	2.50 2.50	VNR 8.97
	37.5%	1477	+ -	0 -23 302	475 556 475 556	78 471 78 471	2.50 2.50	VNR 14.74
	50.0%	967	+ -	0 -13 582	475 556 475 556	78 471 78 471	2.50 2.50	VNR 24.46
	62.5%	702	+ -	17 244 0	475 556 475 556	78 471 78 471	2.50 2.50	22.12 VNR
	75.0%	742	+ -	32 059 0	475 556 475 556	78 471 78 471	2.50 2.50	13.01 VNR
	87.5%	1362	+ -	45 608 0	475 556 475 556	78 471 78 471	2.50 2.50	8.83 VNR
	100%	3014	+ -	66 411 0	475 556 475 556	78 471 78 471	2.50 2.50	5.62 VNR
	0%	3064	+ -	0 -66 715	475 556 475 556	78 471 78 471	2.50 2.50	VNR 5.58
Trave 10-11	12.5%	1250	+ -	0 -45 381	475 556 475 556	78 471 78 471	2.50 2.50	VNR 8.98
	25.0%	598	+ -	0 -33 394	475 556 475 556	78 471 78 471	2.50 2.50	VNR 12.85
	37.5%	394	+ -	0 -18 982	475 556 475 556	78 471 78 471	2.50 2.50	VNR 22.25
	50.0%	87	+ -	1 209 -9 217	475 556 475 556	78 471 78 471	2.50 2.50	NS 48.80
	62.5%	397	+ -	17 435 0	475 556 475 556	78 471 78 471	2.50 2.50	23.97 VNR
	75.0%	760	+ -	31 979 0	475 556 475 556	78 471 78 471	2.50 2.50	13.00 VNR
	87.5%	1172	+ -	47 456 0	475 556 475 556	78 471 78 471	2.50 2.50	8.72 VNR
	100%	3069	+ -	63 439 0	475 556 475 556	78 471 78 471	2.50 2.50	5.80 VNR
	0%	3134	+ -	0 -65 982	475 556 475 556	78 471 78 471	2.50 2.50	VNR 5.60
	12.5%	1311	+ -	0 -45 538	475 556 475 556	78 471 78 471	2.50 2.50	VNR 8.89

Travi (CA) - Verifica composta taglio e torsione SLU

Id _{Tr}	%L _{L1} [%]	T _{Ed} [N-m]	+/-	V _{Ed,2} [N]	V _{Rcd} [N]	T _{Rcd} [N-m]	Ctgθ	CS _{v,T}
	25.0%	551	+ -	0 -31 640	475 556 475 556	78 471 78 471	2.50 2.50	VNR 13.60
	37.5%	398	+ -	0 -18 542	475 556 475 556	78 471 78 471	2.50 2.50	VNR 22.70
	50.0%	85	+ -	873 -8 985	475 556 475 556	78 471 78 471	2.50 2.50	NS 50.06
	62.5%	306	+ -	20 055 0	475 556 475 556	78 471 78 471	2.50 2.50	21.71 VNR
	75.0%	750	+ -	32 181 0	475 556 475 556	78 471 78 471	2.50 2.50	12.95 VNR
	87.5%	1335	+ -	48 663 0	475 556 475 556	78 471 78 471	2.50 2.50	8.38 VNR
	100%	2860	+ -	62 939 0	475 556 475 556	78 471 78 471	2.50 2.50	5.92 VNR
	0%	2774	+ -	0 -64 469	475 556 475 556	78 471 78 471	2.50 2.50	VNR 5.85
Trave 12-13	12.5%	1532	+ -	0 -45 332	475 556 475 556	78 471 78 471	2.50 2.50	VNR 8.71
	25.0%	854	+ -	0 -28 120	475 556 475 556	78 471 78 471	2.50 2.50	VNR 14.28
	37.5%	636	+ -	0 -17 019	475 556 475 556	78 471 78 471	2.50 2.50	VNR 22.78
	50.0%	556	+ -	5 618 -5 850	475 556 475 556	78 471 78 471	2.50 2.50	52.91 51.58
	62.5%	613	+ -	29 985 0	475 556 475 556	78 471 78 471	2.50 2.50	14.11 VNR
	75.0%	942	+ -	43 957 0	475 556 475 556	78 471 78 471	2.50 2.50	9.58 VNR
	87.5%	1765	+ -	67 568 0	475 556 475 556	78 471 78 471	2.50 2.50	6.08 VNR
	100%	3384	+ -	95 062 0	475 556 475 556	78 471 78 471	2.50 2.50	4.11 VNR
Trave 13-14	0%	3225	+ -	0 -91 982	475 556 475 556	78 471 78 471	2.50 2.50	VNR 4.26
	12.5%	1427	+ -	0 -69 331	475 556 475 556	78 471 78 471	2.50 2.50	VNR 6.10
	25.0%	807	+ -	0 -43 418	475 556 475 556	78 471 78 471	2.50 2.50	VNR 9.84
	37.5%	194	+ -	0 -24 075	475 556 475 556	78 471 78 471	2.50 2.50	VNR 18.83
	50.0%	254	+ -	5 907 -5 681	475 556 475 556	78 471 78 471	2.50 2.50	63.86 65.86
	62.5%	1283	+ -	43 734 0	475 556 475 556	78 471 78 471	2.50 2.50	9.23 VNR
	75.0%	1684	+ -	69 703 0	475 556 475 556	78 471 78 471	2.50 2.50	5.95 VNR
	87.5%	3839	+ -	97 960 0	475 556 475 556	78 471 78 471	2.50 2.50	3.92 VNR
Trave 14-15	100.0%	8343	+ -	138 331 0	475 556 475 556	78 471 78 471	2.50 2.50	2.52 VNR
	0%	8242	+ -	0 -138 255	475 556 475 556	78 471 78 471	2.50 2.50	VNR 2.53
	12.5%	3315	+ -	0 -107 265	475 556 475 556	78 471 78 471	2.50 2.50	VNR 3.73
	25.0%	2216	+ -	0 -76 256	475 556 475 556	78 471 78 471	2.50 2.50	VNR 5.30
	37.5%	1286	+ -	0 -49 093	475 556 475 556	78 471 78 471	2.50 2.50	VNR 8.36
	50.0%	335	+ -	0 -33 720	475 556 475 556	78 471 78 471	2.50 2.50	VNR 13.30
	62.5%	791	+ -	6 077 -9 137	475 556 475 556	78 471 78 471	2.50 2.50	43.75 34.14
	75.0%	1253	+ -	17 060 -3 302	475 556 475 556	78 471 78 471	2.50 2.50	19.29 43.65
Trave 15-16	87.5%	2958	+ -	25 898 -566	475 556 475 556	78 471 78 471	2.50 2.50	10.85 25.72
	100.0%	7299	+ -	41 895 -3 655	475 556 475 556	78 471 78 471	2.50 2.50	5.52 9.93
	0%	6711	+ -	1 821 -45 405	475 556 475 556	78 471 78 471	2.50 2.50	11.19 5.52
	12.5%	3083	+ -	0 -28 866	475 556 475 556	78 471 78 471	2.50 2.50	VNR 10.00
	25.0%	1285	+ -	1 796 -18 636	475 556 475 556	78 471 78 471	2.50 2.50	49.62 18.00
	37.5%	961	+ -	7 789 -7 107	475 556 475 556	78 471 78 471	2.50 2.50	34.93 36.78
	50.0%	1143	+ -	15 936 0	475 556 475 556	78 471 78 471	2.50 2.50	20.80 VNR
	62.5%	2173	+ -	49 927 0	475 556 475 556	78 471 78 471	2.50 2.50	7.54 VNR
	75.0%	4174	+ -	68 333 0	475 556 475 556	78 471 78 471	2.50 2.50	5.08 VNR
	87.5%	5321	+	88 065	475 556	78 471	2.50	3.95

Travi (CA) - Verifica composta taglio e torsione SLU								
Id _{Tr}	%L _{L1} [%]	T _{Ed} [N-m]	+/-	V _{Ed,2} [N]	V _{Rcd} [N]	T _{Rcd} [N-m]	Ctgθ	CS _{v,T}
			-	0	475 556	78 471	2.50	VNR
			+	103 664	479 146	78 471	2.50	2.62
	100.0%	13007	-	0	479 146	78 471	2.50	VNR
Fondazione					Travata: Trave 18-19-20-21-22-23-24			
Trave 18-19	0%	6085	+	0	478 147	78 471	2.50	VNR
			-	-64 083	478 147	78 471	2.50	4.73
	12.5%	3378	+	0	475 556	78 471	2.50	VNR
			-	-52 663	475 556	78 471	2.50	6.50
	25.0%	1608	+	0	475 556	78 471	2.50	VNR
			-	-39 740	475 556	78 471	2.50	9.61
	37.5%	1309	+	0	475 556	78 471	2.50	VNR
			-	-25 512	475 556	78 471	2.50	14.22
	50.0%	1062	+	0	475 556	78 471	2.50	VNR
			-	-11 409	475 556	78 471	2.50	26.65
Trave 19-20	62.5%	790	+	18 574	475 556	78 471	2.50	20.36
			-	0	475 556	78 471	2.50	VNR
	75.0%	904	+	31 311	475 556	78 471	2.50	12.93
			-	0	475 556	78 471	2.50	VNR
	87.5%	1352	+	48 155	475 556	78 471	2.50	8.44
			-	0	475 556	78 471	2.50	VNR
	100%	2232	+	63 920	475 559	78 471	2.50	6.14
			-	0	475 559	78 471	2.50	VNR
	0%	2089	+	0	475 556	78 471	2.50	VNR
			-	-65 191	475 556	78 471	2.50	6.11
Trave 20-21	12.5%	1326	+	0	475 556	78 471	2.50	VNR
			-	-48 792	475 556	78 471	2.50	8.37
	25.0%	700	+	0	475 556	78 471	2.50	VNR
			-	-31 324	475 556	78 471	2.50	13.37
	37.5%	351	+	0	475 556	78 471	2.50	VNR
			-	-20 207	475 556	78 471	2.50	21.29
	50.0%	194	+	2 353	475 556	78 471	2.50	NS
			-	-8 842	475 556	78 471	2.50	47.47
	62.5%	374	+	20 195	475 556	78 471	2.50	21.17
			-	0	475 556	78 471	2.50	VNR
Trave 21-22	75.0%	645	+	29 851	475 556	78 471	2.50	14.09
			-	0	475 556	78 471	2.50	VNR
	87.5%	1616	+	46 662	475 556	78 471	2.50	8.42
			-	0	475 556	78 471	2.50	VNR
	100%	2283	+	65 401	475 556	78 471	2.50	6.00
			-	0	475 556	78 471	2.50	VNR
	0%	2842	+	0	475 640	78 471	2.50	VNR
			-	-64 114	475 640	78 471	2.50	5.85
	12.5%	963	+	0	475 556	78 471	2.50	VNR
			-	-48 811	475 556	78 471	2.50	8.70
Trave 22-23	25.0%	640	+	0	475 556	78 471	2.50	VNR
			-	-32 376	475 556	78 471	2.50	13.12
	37.5%	223	+	0	475 556	78 471	2.50	VNR
			-	-19 958	475 556	78 471	2.50	22.32
	50.0%	117	+	1 913	475 556	78 471	2.50	NS
			-	-8 628	475 556	78 471	2.50	50.93
	62.5%	464	+	19 902	475 556	78 471	2.50	20.94
			-	0	475 556	78 471	2.50	VNR
	75.0%	463	+	33 562	475 556	78 471	2.50	13.08
			-	0	475 556	78 471	2.50	VNR
Trave 22-23	87.5%	1241	+	47 470	475 556	78 471	2.50	8.65
			-	0	475 556	78 471	2.50	VNR
	100%	2930	+	68 254	475 575	78 471	2.50	5.53
			-	0	475 575	78 471	2.50	VNR
	0%	3123	+	0	475 556	78 471	2.50	VNR
			-	-66 555	475 556	78 471	2.50	5.56
	12.5%	926	+	0	475 556	78 471	2.50	VNR
			-	-48 781	475 556	78 471	2.50	8.74
	25.0%	808	+	0	475 556	78 471	2.50	VNR
			-	-31 852	475 556	78 471	2.50	12.94
Trave 22-23	37.5%	774	+	0	475 556	78 471	2.50	VNR
			-	-16 254	475 556	78 471	2.50	22.71
	50.0%	629	+	4 008	475 556	78 471	2.50	60.81
			-	-6 245	475 556	78 471	2.50	47.29
	62.5%	660	+	27 189	475 556	78 471	2.50	15.25
			-	0	475 556	78 471	2.50	VNR
	75.0%	789	+	46 450	475 556	78 471	2.50	9.28
			-	0	475 556	78 471	2.50	VNR
	87.5%	1267	+	67 699	475 556	78 471	2.50	6.31
			-	0	475 556	78 471	2.50	VNR
Trave 22-23	100%	2706	+	96 623	475 556	78 471	2.50	4.21
			-	0	475 556	78 471	2.50	VNR
	0%	2279	+	0	475 556	78 471	2.50	VNR
			-	-94 423	475 556	78 471	2.50	4.39
Trave 22-23	12.5%	1323	+	0	475 556	78 471	2.50	VNR
			-	-62 764	475 556	78 471	2.50	6.72
	25.0%	258	+	0	475 556	78 471	2.50	VNR
			-	-42 513	475 556	78 471	2.50	10.79
Trave 22-23	37.5%	146	+	0	475 556	78 471	2.50	VNR

Travi (CA) - Verifica composta taglio e torsione SLU

Id_{Tr}	%L_{L1} [%]	T_{Ed} [N-m]	+ / -	V_{Ed,2} [N]	V_{Rcd} [N]	T_{Rcd} [N-m]	Ctgθ	CS_{v,T}
			-	-22 934	475 556	78 471	2.50	19.97
	50.0%	478	+	4 342	475 556	78 471	2.50	65.70
			-	-7 281	475 556	78 471	2.50	46.72
	62.5%	1407	+	41 483	475 556	78 471	2.50	9.51
			-	0	475 556	78 471	2.50	VNR
	75.0%	2725	+	62 876	475 556	78 471	2.50	5.99
			-	0	475 556	78 471	2.50	VNR
	87.5%	4087	+	90 320	475 556	78 471	2.50	4.13
			-	0	475 556	78 471	2.50	VNR
	100%	8067	+	120 491	476 122	78 471	2.50	2.81
			-	0	476 122	78 471	2.50	VNR
Trave 23-24	0%	7363	+	0	475 556	78 471	2.50	VNR
			-	-124 737	475 556	78 471	2.50	2.81
	12.5%	4700	+	0	475 556	78 471	2.50	VNR
			-	-91 680	475 556	78 471	2.50	3.96
	25.0%	2846	+	0	475 556	78 471	2.50	VNR
			-	-64 149	475 556	78 471	2.50	5.84
	37.5%	1123	+	0	475 556	78 471	2.50	VNR
			-	-49 140	475 556	78 471	2.50	8.50
	50.0%	814	+	0	475 556	78 471	2.50	VNR
			-	-30 208	475 556	78 471	2.50	13.53
	62.5%	103	+	8 327	475 556	78 471	2.50	53.13
-			-8 812	475 556	78 471	2.50	50.40	
Fondazione	75.0%	828	+	18 357	475 556	78 471	2.50	20.34
			-	-3 782	475 556	78 471	2.50	54.04
	87.5%	1576	+	29 035	475 556	78 471	2.50	12.32
			-	-1 326	475 556	78 471	2.50	43.72
	100%	5900	+	41 697	475 621	78 471	2.50	6.14
			-	-3 534	475 621	78 471	2.50	12.10
			Fondazione					
Trave 25-24	0%	11992	+	0	Travata: Trave 25-24			
			-	-97 728	554 815	91 550	2.50	VNR
	12.5%	11992	+	0	554 815	91 550	2.50	VNR
			-	-97 728	554 815	91 550	2.50	3.26
	25.0%	6850	+	0	554 815	91 550	2.50	VNR
			-	-72 216	554 815	91 550	2.50	4.88
	37.5%	2312	+	0	554 815	91 550	2.50	VNR
			-	-53 784	554 815	91 550	2.50	8.18
	50.0%	1161	+	0	554 815	91 550	2.50	VNR
			-	-34 682	554 815	91 550	2.50	13.30
	62.5%	721	+	0	554 815	91 550	2.50	VNR
-			-16 366	554 815	91 550	2.50	26.76	
Fondazione	75.0%	1493	+	7 842	554 815	91 550	2.50	32.85
			-	-7 644	554 815	91 550	2.50	33.24
	87.5%	2269	+	20 879	554 815	91 550	2.50	16.02
			-	-1 553	554 815	91 550	2.50	36.25
	100%	4446	+	32 849	554 815	91 550	2.50	9.28
			-	-1 601	554 815	91 550	2.50	19.44
			Fondazione					
Trave 26-27	0%	11473	+	0	Travata: Trave 26-27-28-29-30-31-1c-32			
			-	-64 166	478 341	78 471	2.50	VNR
	12.5%	3393	+	0	478 341	78 471	2.50	3.57
			-	-49 034	475 556	78 471	2.50	VNR
	25.0%	2485	+	0	475 556	78 471	2.50	6.83
			-	-34 253	475 556	78 471	2.50	VNR
	37.5%	1517	+	0	475 556	78 471	2.50	9.64
			-	-17 562	475 556	78 471	2.50	VNR
	50.0%	429	+	721	475 556	78 471	2.50	17.77
			-	-9 621	475 556	78 471	2.50	NS
	62.5%	2980	+	26 297	475 556	78 471	2.50	38.91
-			0	475 556	78 471	2.50	10.72	
Fondazione	75.0%	3614	+	45 132	475 556	78 471	2.50	VNR
			-	0	475 556	78 471	2.50	7.09
	87.5%	6518	+	59 573	475 556	78 471	2.50	VNR
			-	0	475 556	78 471	2.50	4.80
	100%	11831	+	83 408	475 556	78 471	2.50	VNR
			-	0	475 556	78 471	2.50	3.07
	Trave 27-28	0%	11972	+	0	475 556	78 471	2.50
-				-90 671	475 556	78 471	2.50	2.91
12.5%		6934	+	0	475 556	78 471	2.50	VNR
			-	-62 684	475 556	78 471	2.50	4.54
25.0%		3500	+	0	475 556	78 471	2.50	VNR
			-	-49 081	475 556	78 471	2.50	6.77
37.5%		2756	+	0	475 556	78 471	2.50	VNR
			-	-28 893	475 556	78 471	2.50	10.43
50.0%		1109	+	3 295	475 556	78 471	2.50	47.48
			-	-18 151	475 556	78 471	2.50	19.12
62.5%		2532	+	25 321	475 556	78 471	2.50	11.69
	-		0	475 556	78 471	2.50	VNR	
Fondazione	75.0%	3755	+	44 963	475 556	78 471	2.50	7.02
			-	0	475 556	78 471	2.50	VNR
	87.5%	4854	+	65 647	475 556	78 471	2.50	5.00
-			0	475 556	78 471	2.50	VNR	

Travi (CA) - Verifica composta taglio e torsione SLU

Id _{Tr}	%L _{L1} [%]	T _{Ed} [N-m]	+/-	V _{Ed,2} [N]	V _{Rcd} [N]	T _{Rcd} [N-m]	Ctgθ	CS _{v,T}
Trave 28-29	100%	12847	+ -	94 097 0	475 556 475 556	78 471 78 471	2.50 2.50	2.77 VNR
	0%	12430	+ -	0 -91 041	475 556 475 556	78 471 78 471	2.50 2.50	VNR 2.86
	12.5%	6172	+ -	0 -65 071	475 556 475 556	78 471 78 471	2.50 2.50	VNR 4.64
	25.0%	2901	+ -	0 -47 546	475 556 475 556	78 471 78 471	2.50 2.50	VNR 7.30
	37.5%	2185	+ -	0 -28 297	475 556 475 556	78 471 78 471	2.50 2.50	VNR 11.45
	50.0%	625	+ -	3 916 -16 642	475 556 475 556	78 471 78 471	2.50 2.50	61.73 23.28
	62.5%	2060	+ -	31 863 0	475 556 475 556	78 471 78 471	2.50 2.50	10.72 VNR
	75.0%	4434	+ -	49 507 0	475 556 475 556	78 471 78 471	2.50 2.50	6.23 VNR
	87.5%	5679	+ -	72 713 0	475 556 475 556	78 471 78 471	2.50 2.50	4.44 VNR
	100.0%	11781	+ -	87 945 0	475 556 475 556	78 471 78 471	2.50 2.50	2.98 VNR
	0%	11868	+ -	0 -95 803	475 556 475 556	78 471 78 471	2.50 2.50	VNR 2.84
Trave 29-30	12.5%	6291	+ -	0 -73 046	475 556 475 556	78 471 78 471	2.50 2.50	VNR 4.28
	25.0%	4548	+ -	0 -49 043	475 556 475 556	78 471 78 471	2.50 2.50	VNR 6.21
	37.5%	2347	+ -	0 -33 150	475 556 475 556	78 471 78 471	2.50 2.50	VNR 10.04
	50.0%	1903	+ -	2 331 -15 957	475 556 475 556	78 471 78 471	2.50 2.50	34.30 17.30
	62.5%	374	+ -	29 731 0	475 556 475 556	78 471 78 471	2.50 2.50	14.86 VNR
	75.0%	699	+ -	48 331 0	475 556 475 556	78 471 78 471	2.50 2.50	9.05 VNR
	87.5%	1508	+ -	78 351 0	475 556 475 556	78 471 78 471	2.50 2.50	5.44 VNR
	100%	4043	+ -	102 535 0	475 556 475 556	78 471 78 471	2.50 2.50	3.74 VNR
	0%	4206	+ -	0 -104 656	475 589 475 589	78 471 78 471	2.50 2.50	VNR 3.65
	12.5%	1774	+ -	0 -75 441	475 556 475 556	78 471 78 471	2.50 2.50	VNR 5.52
	25.0%	809	+ -	0 -47 733	475 556 475 556	78 471 78 471	2.50 2.50	VNR 9.03
Trave 30-31	37.5%	545	+ -	0 -27 174	475 556 475 556	78 471 78 471	2.50 2.50	VNR 15.60
	50.0%	344	+ -	5 082 -7 179	475 556 475 556	78 471 78 471	2.50 2.50	66.36 51.34
	62.5%	578	+ -	44 470 0	475 556 475 556	78 471 78 471	2.50 2.50	9.91 VNR
	75.0%	472	+ -	70 417 0	475 556 475 556	78 471 78 471	2.50 2.50	6.49 VNR
	87.5%	2157	+ -	100 676 0	475 556 475 556	78 471 78 471	2.50 2.50	4.18 VNR
	100.0%	3902	+ -	150 018 0	475 556 475 556	78 471 78 471	2.50 2.50	2.74 VNR
	0%	3681	+ -	0 -150 330	475 760 475 760	78 471 78 471	2.50 2.50	VNR 2.76
	12.5%	1455	+ -	0 -111 345	475 556 475 556	78 471 78 471	2.50 2.50	VNR 3.96
	25.0%	940	+ -	0 -79 520	475 556 475 556	78 471 78 471	2.50 2.50	VNR 5.58
	37.5%	558	+ -	0 -53 866	475 556 475 556	78 471 78 471	2.50 2.50	VNR 8.31
	50.0%	335	+ -	0 -38 779	475 556 475 556	78 471 78 471	2.50 2.50	VNR 11.65
Trave 31-1c	62.5%	107	+ -	0 -15 282	475 556 475 556	78 471 78 471	2.50 2.50	VNR 29.85
	75.0%	409	+ -	652 -5 986	475 556 475 556	78 471 78 471	2.50 2.50	NS 56.18
	87.5%	1184	+ -	5 356 -471	475 556 475 556	78 471 78 471	2.50 2.50	37.95 62.19
	100%	2674	+ -	9 747 0	475 556 475 556	78 471 78 471	2.50 2.50	18.32 VNR
	0%	1491	+ -	22 911 0	475 556 475 556	78 471 78 471	2.50 2.50	14.89 VNR
	12.5%	1491	+ -	22 911 0	475 556 475 556	78 471 78 471	2.50 2.50	14.89 VNR
	25.0%	1772	+ -	34 835 0	475 556 475 556	78 471 78 471	2.50 2.50	10.43 VNR
	37.5%	2539	+ -	52 647 0	475 556 475 556	78 471 78 471	2.50 2.50	6.99 VNR
	50.0%	2539	+	52 647	475 556	78 471	2.50	6.99
Trave 1c-32	0%	1491	+ -	22 911 0	475 556 475 556	78 471 78 471	2.50 2.50	14.89 VNR
	12.5%	1491	+ -	22 911 0	475 556 475 556	78 471 78 471	2.50 2.50	14.89 VNR
	25.0%	1772	+ -	34 835 0	475 556 475 556	78 471 78 471	2.50 2.50	10.43 VNR
	37.5%	2539	+ -	52 647 0	475 556 475 556	78 471 78 471	2.50 2.50	6.99 VNR
	50.0%	2539	+	52 647	475 556	78 471	2.50	6.99

Travi (CA) - Verifica composta taglio e torsione SLU

Id _{Tr}	%L _{Lt} [%]	T _{Ed} [N-m]	+/-	V _{Ed,2} [N]	V _{Rcd} [N]	T _{Rcd} [N-m]	Ctgθ	CS _{v,T}
			-	0	475 556	78 471	2.50	VNR
	62.5%	2356	+	69 414	475 556	78 471	2.50	5.68
			-	0	475 556	78 471	2.50	VNR
	75.0%	5468	+	87 293	475 556	78 471	2.50	3.95
			-	0	475 556	78 471	2.50	VNR
	87.5%	10328	+	108 203	477 513	78 471	2.50	2.79
Fondazione			-	0	477 513	78 471	2.50	VNR
	100.0%	10328	+	108 203	477 513	78 471	2.50	2.79
			-	0	477 513	78 471	2.50	VNR
	Travata: Trave 33-34-35-36-39-40-41-2c							
	Trave 33-34	0%	+	11 657	476 679	78 471	2.50	4.77
			-	-81 538	476 679	78 471	2.50	2.81
Trave 34-35	12.5%	4339	+	6 487	475 556	78 471	2.50	14.51
			-	-51 070	475 556	78 471	2.50	6.15
	25.0%	3114	+	5 254	475 556	78 471	2.50	19.71
			-	-31 493	475 556	78 471	2.50	9.44
	37.5%	1696	+	6 597	475 556	78 471	2.50	28.18
			-	-16 852	475 556	78 471	2.50	17.53
	50.0%	664	+	13 373	475 556	78 471	2.50	27.34
			-	-8 398	475 556	78 471	2.50	38.28
	62.5%	986	+	27 000	475 556	78 471	2.50	14.42
			-	-4 407	475 556	78 471	2.50	45.80
	75.0%	1285	+	39 630	475 556	78 471	2.50	10.03
			-	-3 879	475 556	78 471	2.50	40.76
	87.5%	1983	+	57 597	475 556	78 471	2.50	6.83
			-	-4 260	475 556	78 471	2.50	29.22
	100%	7088	+	93 527	475 556	78 471	2.50	3.48
			-	-12 956	475 556	78 471	2.50	8.51
	0%	6695	+	11 909	475 556	78 471	2.50	9.06
			-	-107 258	475 556	78 471	2.50	3.22
Trave 35-36	12.5%	2957	+	6 291	475 556	78 471	2.50	19.64
			-	-68 906	475 556	78 471	2.50	5.48
	25.0%	1861	+	6 127	475 556	78 471	2.50	27.32
			-	-49 094	475 556	78 471	2.50	7.88
	37.5%	2012	+	10 412	475 556	78 471	2.50	21.04
			-	-32 533	475 556	78 471	2.50	10.63
	50.0%	1535	+	18 527	475 556	78 471	2.50	17.09
			-	-22 002	475 556	78 471	2.50	15.19
	62.5%	1884	+	33 919	475 556	78 471	2.50	10.49
			-	-6 672	475 556	78 471	2.50	26.29
	75.0%	1778	+	46 423	475 556	78 471	2.50	8.31
			-	-944	475 556	78 471	2.50	40.58
	87.5%	3082	+	62 958	475 556	78 471	2.50	5.83
			-	0	475 556	78 471	2.50	VNR
	100%	7384	+	96 183	475 556	78 471	2.50	3.37
			-	-3 010	475 556	78 471	2.50	9.96
	0%	7880	+	0	475 556	78 471	2.50	VNR
			-	-100 772	475 556	78 471	2.50	3.20
Trave 36-39	12.5%	2306	+	0	475 556	78 471	2.50	VNR
			-	-65 561	475 556	78 471	2.50	5.98
	25.0%	1052	+	0	475 556	78 471	2.50	VNR
			-	-43 103	475 556	78 471	2.50	9.61
	37.5%	747	+	5 299	475 556	78 471	2.50	48.40
			-	-31 002	475 556	78 471	2.50	13.38
	50.0%	1526	+	14 361	475 556	78 471	2.50	20.14
			-	-17 776	475 556	78 471	2.50	17.60
	62.5%	518	+	35 708	475 556	78 471	2.50	12.24
			-	0	475 556	78 471	2.50	VNR
	75.0%	2130	+	48 443	475 556	78 471	2.50	7.75
			-	0	475 556	78 471	2.50	VNR
	87.5%	2117	+	63 365	475 556	78 471	2.50	6.24
			-	0	475 556	78 471	2.50	VNR
	100%	7519	+	93 091	475 556	78 471	2.50	3.43
			-	0	475 556	78 471	2.50	VNR
	0%	5807	+	0	475 556	78 471	2.50	VNR
			-	-97 354	475 556	78 471	2.50	3.59
Trave 39-40	12.5%	2279	+	0	475 556	78 471	2.50	VNR
			-	-69 064	475 556	78 471	2.50	5.74
	25.0%	783	+	0	475 556	78 471	2.50	VNR
			-	-47 391	475 556	78 471	2.50	9.12
	37.5%	1373	+	499	475 556	78 471	2.50	53.92
			-	-32 142	475 556	78 471	2.50	11.75
	50.0%	679	+	10 351	475 556	78 471	2.50	32.87
			-	-19 116	475 556	78 471	2.50	20.47
	62.5%	1010	+	35 991	475 556	78 471	2.50	11.29
			-	0	475 556	78 471	2.50	VNR
	75.0%	1642	+	49 567	475 556	78 471	2.50	7.99
			-	0	475 556	78 471	2.50	VNR
	87.5%	5071	+	70 897	475 556	78 471	2.50	4.68
			-	0	475 556	78 471	2.50	VNR
	100%	12972	+	99 927	475 556	78 471	2.50	2.66
			-	0	475 556	78 471	2.50	VNR
	0%	12680	+	0	475 556	78 471	2.50	VNR

Travi (CA) - Verifica composta taglio e torsione SLU

Id _{Tr}	%L _{Lt} [%]	T _{Ed} [N-m]	+ / -	V _{Ed,2} [N]	V _{Rcd} [N]	T _{Rcd} [N-m]	Ctgθ	CS _{v,T}
			-	-104 910	475 556	78 471	2.50	2.62
	12.5%	5095	+	0	475 556	78 471	2.50	VNR
			-	-65 880	475 556	78 471	2.50	4.91
	25.0%	3610	+	0	475 556	78 471	2.50	VNR
			-	-46 895	475 556	78 471	2.50	6.91
	37.5%	3185	+	6 183	475 556	78 471	2.50	18.66
			-	-31 062	475 556	78 471	2.50	9.44
	50.0%	1387	+	14 445	475 556	78 471	2.50	20.81
			-	-19 532	475 556	78 471	2.50	17.02
	62.5%	2902	+	35 520	475 556	78 471	2.50	8.95
Trave 40-41			-	0	475 556	78 471	2.50	VNR
	75.0%	2748	+	48 456	475 556	78 471	2.50	7.30
			-	0	475 556	78 471	2.50	VNR
	87.5%	3707	+	67 847	475 556	78 471	2.50	5.27
			-	0	475 556	78 471	2.50	VNR
	100.0%	8436	+	101 185	475 556	78 471	2.50	3.12
			-	0	475 556	78 471	2.50	VNR
	0%	9500	+	0	475 947	78 471	2.50	VNR
			-	-109 679	475 947	78 471	2.50	2.84
	12.5%	4891	+	0	475 556	78 471	2.50	VNR
Trave 41-2c			-	-86 634	475 556	78 471	2.50	4.09
	25.0%	2496	+	0	475 556	78 471	2.50	VNR
			-	-66 838	475 556	78 471	2.50	5.80
	37.5%	924	+	488	475 556	78 471	2.50	78.12
			-	-26 768	475 556	78 471	2.50	14.69
	50.0%	1517	+	9 434	475 556	78 471	2.50	25.53
			-	-14 828	475 556	78 471	2.50	19.80
	62.5%	1286	+	23 855	475 556	78 471	2.50	15.03
			-	-3 941	475 556	78 471	2.50	40.53
	75.0%	3348	+	64 878	475 556	78 471	2.50	5.58
Trave 41-2c			-	0	475 556	78 471	2.50	VNR
	87.5%	5214	+	81 768	475 556	78 471	2.50	4.19
			-	0	475 556	78 471	2.50	VNR
	100%	19074	+	108 799	481 262	78 471	2.50	2.13
			-	-3 561	481 262	78 471	2.50	3.99
	0%	6459	+	8 356	480 780	78 471	2.50	10.03
			-	-25 407	480 780	78 471	2.50	7.40
	12.5%	6459	+	8 356	480 780	78 471	2.50	10.03
			-	-25 407	480 780	78 471	2.50	7.40
	25.0%	6459	+	8 356	480 780	78 471	2.50	10.03
Trave 41-2c			-	-25 407	480 780	78 471	2.50	7.40
	37.5%	6459	+	8 356	480 780	78 471	2.50	10.03
			-	-25 407	480 780	78 471	2.50	7.40
	50.0%	6459	+	8 356	480 780	78 471	2.50	10.03
			-	-25 407	480 780	78 471	2.50	7.40
	62.5%	6459	+	8 356	480 780	78 471	2.50	10.03
			-	-25 407	480 780	78 471	2.50	7.40
	75.0%	6459	+	8 356	480 780	78 471	2.50	10.03
			-	-25 407	480 780	78 471	2.50	7.40
	87.5%	6459	+	8 356	480 780	78 471	2.50	10.03
Trave 41-2c			-	-25 407	480 780	78 471	2.50	7.40
	100.0%	6459	+	8 356	480 780	78 471	2.50	10.03
			-	-25 407	480 780	78 471	2.50	7.40
Fondazione					Travata: Trave 1-9-18-26-33			
Trave 1-9	0%	20833	+	0	477 964	78 471	2.50	VNR
			-	-81 815	477 964	78 471	2.50	2.29
	12.5%	4834	+	0	475 556	78 471	2.50	VNR
			-	-61 368	475 556	78 471	2.50	5.25
	25.0%	3308	+	0	475 556	78 471	2.50	VNR
			-	-44 261	475 556	78 471	2.50	7.39
	37.5%	1024	+	5 567	475 556	78 471	2.50	40.39
			-	-27 972	475 556	78 471	2.50	13.91
	50.0%	801	+	13 245	475 556	78 471	2.50	26.27
			-	-11 060	475 556	78 471	2.50	29.88
Trave 9-18	62.5%	1140	+	24 411	475 556	78 471	2.50	15.18
			-	0	475 556	78 471	2.50	VNR
	75.0%	1682	+	42 403	475 556	78 471	2.50	9.04
			-	0	475 556	78 471	2.50	VNR
	87.5%	4295	+	59 289	475 556	78 471	2.50	5.57
			-	0	475 556	78 471	2.50	VNR
	100%	15416	+	81 454	475 556	78 471	2.50	2.72
			-	0	475 556	78 471	2.50	VNR
	0%	15304	+	0	475 556	78 471	2.50	VNR
			-	-84 514	475 556	78 471	2.50	2.68
Trave 9-18	12.5%	3532	+	0	475 556	78 471	2.50	VNR
			-	-58 076	475 556	78 471	2.50	5.98
	25.0%	1790	+	0	475 556	78 471	2.50	VNR
			-	-41 027	475 556	78 471	2.50	9.17
	37.5%	1476	+	6 627	475 556	78 471	2.50	30.54
			-	-28 289	475 556	78 471	2.50	12.77
Trave 9-18	50.0%	481	+	16 319	475 556	78 471	2.50	24.72
			-	-17 115	475 556	78 471	2.50	23.74
Trave 9-18	62.5%	983	+	28 081	475 556	78 471	2.50	13.97

Travi (CA) - Verifica composta taglio e torsione SLU

Id _{Tr}	%L _{L1} [%]	T _{Ed} [N-m]	+ / -	V _{Ed,2} [N]	V _{Rcd} [N]	T _{Rcd} [N-m]	Ctgθ	CS _{v,T}
Trave 18-26			-	-5 391	475 556	78 471	2.50	41.91
	75.0%	1894	+	40 259	475 556	78 471	2.50	9.19
			-	0	475 556	78 471	2.50	VNR
	87.5%	3940	+	56 747	475 556	78 471	2.50	5.90
			-	0	475 556	78 471	2.50	VNR
	100%	13202	+	82 886	475 556	78 471	2.50	2.92
			-	0	475 556	78 471	2.50	VNR
	0%	14157	+	0	475 556	78 471	2.50	VNR
			-	-83 402	475 556	78 471	2.50	2.81
	12.5%	2865	+	0	475 556	78 471	2.50	VNR
			-	-54 958	475 556	78 471	2.50	6.58
	25.0%	1898	+	0	475 556	78 471	2.50	VNR
Trave 26-33			-	-39 681	475 556	78 471	2.50	9.29
	37.5%	1013	+	3 699	475 556	78 471	2.50	48.34
			-	-25 040	475 556	78 471	2.50	15.25
	50.0%	424	+	17 571	475 556	78 471	2.50	23.61
			-	-14 838	475 556	78 471	2.50	27.32
	62.5%	1469	+	34 255	475 556	78 471	2.50	11.02
			-	-9 638	475 556	78 471	2.50	25.65
	75.0%	1851	+	53 152	475 556	78 471	2.50	7.39
			-	-3 925	475 556	78 471	2.50	31.41
	87.5%	5164	+	74 336	475 556	78 471	2.50	4.50
			-	-85	475 556	78 471	2.50	15.15
	100%	15583	+	98 952	475 556	78 471	2.50	2.46
Fondazione Trave 2-10			-	0	475 556	78 471	2.50	VNR
	0%	13098	+	-126 913	475 556	78 471	2.50	2.31
			-	0	475 556	78 471	2.50	VNR
	12.5%	13098	+	-126 913	475 556	78 471	2.50	2.31
			-	0	475 556	78 471	2.50	VNR
	25.0%	4051	+	-78 716	475 556	78 471	2.50	4.61
			-	0	475 556	78 471	2.50	VNR
	37.5%	1889	+	-45 980	475 556	78 471	2.50	8.28
			-	0	475 556	78 471	2.50	VNR
	50.0%	1068	+	-27 790	475 556	78 471	2.50	13.88
			-	8 364	475 556	78 471	2.50	47.67
	62.5%	266	+	-14 162	475 556	78 471	2.50	30.15
Trave 10-19			-	19 815	475 556	78 471	2.50	20.57
	75.0%	545	+	-363	475 556	78 471	2.50	NS
			-	40 013	475 556	78 471	2.50	10.01
	87.5%	1239	+	0	475 556	78 471	2.50	VNR
			-	58 719	475 556	78 471	2.50	5.62
	100%	4266	+	0	475 556	78 471	2.50	VNR
			-	0	475 556	78 471	2.50	VNR
	0%	4325	+	-61 801	475 556	78 471	2.50	5.40
			-	0	475 556	78 471	2.50	VNR
	12.5%	1424	+	-49 406	475 556	78 471	2.50	8.19
			-	0	475 556	78 471	2.50	VNR
	25.0%	714	+	-31 523	475 556	78 471	2.50	13.27
Trave 19-27			-	0	475 556	78 471	2.50	VNR
	37.5%	443	+	-19 111	475 556	78 471	2.50	21.82
			-	1 250	475 556	78 471	2.50	NS
	50.0%	57	+	-9 870	475 556	78 471	2.50	46.55
			-	20 843	475 556	78 471	2.50	21.07
	62.5%	285	+	0	475 556	78 471	2.50	VNR
			-	32 886	475 556	78 471	2.50	12.11
	75.0%	1052	+	0	475 556	78 471	2.50	VNR
			-	46 305	475 556	78 471	2.50	8.15
	87.5%	1991	+	0	475 556	78 471	2.50	VNR
			-	61 804	475 556	78 471	2.50	5.79
	100.0%	3344	+	0	475 556	78 471	2.50	VNR
Trave 19-27	0%	3743	+	0	475 556	78 471	2.50	VNR
	12.5%	3743	+	-55 782	475 556	78 471	2.50	6.06

Travi (CA) - Verifica composta taglio e torsione SLU

Id _{Tr}	%L _{Lt} [%]	T _{Ed} [N-m]	+/-	V _{Ed,2} [N]	V _{Rcd} [N]	T _{Rcd} [N-m]	Ctgθ	CS _{v,T}
			-	-55 782	475 556	78 471	2.50	6.06
	25.0%	1756	+	0	475 556	78 471	2.50	VNR
			-	-35 307	475 556	78 471	2.50	10.35
	37.5%	593	+	3 673	475 556	78 471	2.50	65.44
			-	-24 959	475 556	78 471	2.50	16.66
	50.0%	120	+	19 714	475 556	78 471	2.50	23.26
			-	-15 046	475 556	78 471	2.50	30.15
	62.5%	488	+	39 192	475 556	78 471	2.50	11.28
			-	-7 902	475 556	78 471	2.50	43.79
	75.0%	1898	+	61 757	475 556	78 471	2.50	6.49
Trave 27-34			-	-4 105	475 556	78 471	2.50	30.47
	87.5%	3116	+	100 093	475 556	78 471	2.50	4.00
			-	-3 169	475 556	78 471	2.50	21.56
	100%	11266	+	184 741	475 556	78 471	2.50	1.88
			-	-11 839	475 556	78 471	2.50	5.94
	0%	8409	+	0	475 556	78 471	2.50	VNR
			-	-56 160	475 556	78 471	2.50	4.44
	12.5%	8409	+	0	475 556	78 471	2.50	VNR
			-	-56 160	475 556	78 471	2.50	4.44
	25.0%	8409	+	0	475 556	78 471	2.50	VNR
			-	-56 160	475 556	78 471	2.50	4.44
	37.5%	856	+	0	475 556	78 471	2.50	VNR
			-	-26 807	475 556	78 471	2.50	14.86
	50.0%	856	+	0	475 556	78 471	2.50	VNR
			-	-26 807	475 556	78 471	2.50	14.86
	62.5%	2885	+	15 974	475 556	78 471	2.50	14.21
			-	-7 613	475 556	78 471	2.50	18.95
	75.0%	2885	+	15 974	475 556	78 471	2.50	14.21
			-	-7 613	475 556	78 471	2.50	18.95
	87.5%	10255	+	35 252	475 556	78 471	2.50	4.88
Fondazione			-	0	475 556	78 471	2.50	VNR
			-	35 252	475 556	78 471	2.50	4.88
	100.0%	10255	+	0	475 556	78 471	2.50	VNR
			-	0	475 556	78 471	2.50	VNR
			-	0	475 556	78 471	2.50	VNR
			-	0	475 556	78 471	2.50	VNR
			-	0	475 556	78 471	2.50	VNR
			-	0	475 556	78 471	2.50	VNR
			-	0	475 556	78 471	2.50	VNR
			-	0	475 556	78 471	2.50	VNR
Trave 3-11	0%	15763	+	0	475 777	78 471	2.50	VNR
			-	-130 160	475 777	78 471	2.50	2.11
	12.5%	15763	+	0	475 777	78 471	2.50	VNR
			-	-130 160	475 777	78 471	2.50	2.11
	25.0%	3187	+	0	475 556	78 471	2.50	VNR
			-	-79 879	475 556	78 471	2.50	4.79
	37.5%	1974	+	0	475 556	78 471	2.50	VNR
			-	-46 348	475 556	78 471	2.50	8.16
	50.0%	1071	+	0	475 556	78 471	2.50	VNR
			-	-28 585	475 556	78 471	2.50	13.56
	62.5%	67	+	7 354	475 556	78 471	2.50	61.28
			-	-14 982	475 556	78 471	2.50	30.90
	75.0%	545	+	18 674	475 556	78 471	2.50	21.64
			-	-1 052	475 556	78 471	2.50	NS
	87.5%	1071	+	38 802	475 556	78 471	2.50	10.50
			-	0	475 556	78 471	2.50	VNR
	100%	4244	+	57 372	475 556	78 471	2.50	5.72
			-	0	475 556	78 471	2.50	VNR
	0%	4215	+	0	475 752	78 471	2.50	VNR
			-	-60 677	475 752	78 471	2.50	5.52
Trave 11-20	12.5%	1497	+	0	475 556	78 471	2.50	VNR
			-	-48 802	475 556	78 471	2.50	8.22
	25.0%	686	+	0	475 556	78 471	2.50	VNR
			-	-30 904	475 556	78 471	2.50	13.56
	37.5%	434	+	0	475 556	78 471	2.50	VNR
			-	-18 863	475 556	78 471	2.50	22.13
	50.0%	45	+	1 738	475 556	78 471	2.50	NS
			-	-10 050	475 556	78 471	2.50	46.07
	62.5%	303	+	20 926	475 556	78 471	2.50	20.89
			-	0	475 556	78 471	2.50	VNR
	75.0%	1110	+	33 105	475 556	78 471	2.50	11.94
			-	0	475 556	78 471	2.50	VNR
	87.5%	2025	+	45 829	475 556	78 471	2.50	8.18
			-	0	475 556	78 471	2.50	VNR
	100%	3364	+	60 901	475 556	78 471	2.50	5.85
			-	0	475 556	78 471	2.50	VNR
	0%	3869	+	0	475 556	78 471	2.50	VNR
			-	-53 861	475 556	78 471	2.50	6.15
	12.5%	3869	+	0	475 556	78 471	2.50	VNR
			-	-53 861	475 556	78 471	2.50	6.15
Trave 20-28	25.0%	1711	+	0	475 556	78 471	2.50	VNR
			-	-34 118	475 556	78 471	2.50	10.69
	37.5%	614	+	4 414	475 556	78 471	2.50	58.46
			-	-21 106	475 556	78 471	2.50	19.15
	50.0%	43	+	18 818	475 556	78 471	2.50	24.93
			-	-11 918	475 556	78 471	2.50	39.05
	62.5%	530	+	37 608	475 556	78 471	2.50	11.65
			-	-4 082	475 556	78 471	2.50	65.20
	75.0%	1817	+	59 008	475 556	78 471	2.50	6.79

Travi (CA) - Verifica composta taglio e torsione SLU

Id_{Tr}	%L_{Lt} [%]	T_{Ed} [N·m]	+ / -	V_{Ed,2} [N]	V_{Rcd} [N]	T_{Rcd} [N·m]	Ctgθ	CS_{v,T}
Trave 28-35			-	0	475 556	78 471	2.50	VNR
	87.5%	3201	+	93 855	475 556	78 471	2.50	4.20
			-	0	475 556	78 471	2.50	VNR
	100%	10742	+	172 006	475 556	78 471	2.50	2.01
			-	0	475 556	78 471	2.50	VNR
	0%	10295	+	399	475 556	78 471	2.50	7.57
			-	-102 616	475 556	78 471	2.50	2.88
	12.5%	10295	+	399	475 556	78 471	2.50	7.57
			-	-102 616	475 556	78 471	2.50	2.88
	25.0%	2350	+	0	475 556	78 471	2.50	VNR
			-	-59 866	475 556	78 471	2.50	6.42
	37.5%	1335	+	279	475 556	78 471	2.50	56.82
			-	-31 412	475 556	78 471	2.50	12.04
	50.0%	613	+	9 336	475 556	78 471	2.50	36.44
			-	-9 111	475 556	78 471	2.50	37.08
62.5%	2781	+	19 915	475 556	78 471	2.50	12.93	
		-	0	475 556	78 471	2.50	VNR	
75.0%	4758	+	38 599	475 556	78 471	2.50	7.05	
		-	0	475 556	78 471	2.50	VNR	
87.5%	10703	+	57 913	476 319	78 471	2.50	3.88	
		-	0	476 319	78 471	2.50	VNR	
100.0%	10703	+	57 913	476 319	78 471	2.50	3.88	
		-	0	476 319	78 471	2.50	VNR	
Fondazione Trave 4-12	Travata: Trave 4-12-21-29-36							
	0%	14355	+	0	475 783	78 471	2.50	VNR
			-	-133 988	475 783	78 471	2.50	2.15
	12.5%	14355	+	0	475 783	78 471	2.50	VNR
			-	-133 988	475 783	78 471	2.50	2.15
	25.0%	4293	+	0	475 556	78 471	2.50	VNR
			-	-78 185	475 556	78 471	2.50	4.56
	37.5%	2244	+	0	475 556	78 471	2.50	VNR
			-	-52 402	475 556	78 471	2.50	7.21
	50.0%	780	+	1 865	475 556	78 471	2.50	72.14
			-	-30 675	475 556	78 471	2.50	13.43
	62.5%	430	+	11 958	475 556	78 471	2.50	32.65
			-	-13 084	475 556	78 471	2.50	30.31
	75.0%	561	+	21 890	475 556	78 471	2.50	18.80
			-	-1 121	475 556	78 471	2.50	NS
	87.5%	1953	+	37 589	475 556	78 471	2.50	9.62
			-	0	475 556	78 471	2.50	VNR
	100%	3936	+	59 814	475 556	78 471	2.50	5.68
			-	0	475 556	78 471	2.50	VNR
Trave 12-21	0%	3838	+	0	475 556	78 471	2.50	VNR
			-	-60 330	475 556	78 471	2.50	5.69
	12.5%	2208	+	0	475 556	78 471	2.50	VNR
			-	-45 549	475 556	78 471	2.50	8.07
	25.0%	993	+	0	475 556	78 471	2.50	VNR
			-	-32 535	475 556	78 471	2.50	12.34
	37.5%	341	+	0	475 556	78 471	2.50	VNR
			-	-20 569	475 556	78 471	2.50	21.01
	50.0%	206	+	2 248	475 556	78 471	2.50	NS
			-	-8 782	475 556	78 471	2.50	47.41
	62.5%	458	+	20 320	475 556	78 471	2.50	20.59
			-	0	475 556	78 471	2.50	VNR
	75.0%	673	+	33 537	475 556	78 471	2.50	12.64
			-	0	475 556	78 471	2.50	VNR
	87.5%	1629	+	54 238	475 556	78 471	2.50	7.42
			-	0	475 556	78 471	2.50	VNR
	100%	3920	+	67 099	475 556	78 471	2.50	5.23
			-	0	475 556	78 471	2.50	VNR
Trave 21-29	0%	4169	+	0	475 556	78 471	2.50	VNR
			-	-53 130	475 556	78 471	2.50	6.07
	12.5%	4169	+	0	475 556	78 471	2.50	VNR
			-	-53 130	475 556	78 471	2.50	6.07
	25.0%	1003	+	0	475 556	78 471	2.50	VNR
			-	-35 186	475 556	78 471	2.50	11.52
	37.5%	675	+	4 463	475 556	78 471	2.50	55.60
			-	-17 793	475 556	78 471	2.50	21.73
	50.0%	206	+	20 549	475 556	78 471	2.50	21.82
			-	-8 631	475 556	78 471	2.50	48.14
	62.5%	775	+	35 875	475 556	78 471	2.50	11.72
			-	-1 281	475 556	78 471	2.50	79.55
	75.0%	1411	+	57 842	475 556	78 471	2.50	7.16
			-	0	475 556	78 471	2.50	VNR
	87.5%	2351	+	103 667	475 556	78 471	2.50	4.03
			-	0	475 556	78 471	2.50	VNR
	100%	12768	+	160 462	475 556	78 471	2.50	2.00
			-	0	475 556	78 471	2.50	VNR
Trave 29-36	0%	9600	+	0	475 556	78 471	2.50	VNR
			-	-118 659	475 556	78 471	2.50	2.69
	12.5%	4710	+	0	475 556	78 471	2.50	VNR
			-	-79 440	475 556	78 471	2.50	4.40
	25.0%	1916	+	0	475 556	78 471	2.50	VNR

Travi (CA) - Verifica composta taglio e torsione SLU

Id _{Tr}	%L _L [%]	T _{Ed} [N-m]	+/-	V _{Ed,2} [N]	V _{Rcd} [N]	T _{Rcd} [N-m]	Ctgθ	CS _{v,T}
			-	-52 575	475 556	78 471	2.50	7.41
	37.5%	1171	+	231	475 556	78 471	2.50	64.90
			-	-27 581	475 556	78 471	2.50	13.71
	50.0%	639	+	10 448	475 556	78 471	2.50	33.21
			-	-8 454	475 556	78 471	2.50	38.58
	62.5%	1418	+	21 843	475 556	78 471	2.50	15.62
			-	0	475 556	78 471	2.50	VNR
	75.0%	1687	+	42 194	475 556	78 471	2.50	9.07
Fondazione			-	0	475 556	78 471	2.50	VNR
	87.5%	3403	+	70 485	475 556	78 471	2.50	5.22
			-	0	475 556	78 471	2.50	VNR
	100.0%	9667	+	88 564	477 930	78 471	2.50	3.24
			-	0	477 930	78 471	2.50	VNR
	Travata: Trave 5-13-22-30-39							
	0%	9486	+	0	476 601	78 471	2.50	VNR
			-	-82 351	476 601	78 471	2.50	3.41
Trave 5-13	12.5%	2270	+	0	475 556	78 471	2.50	VNR
			-	-63 400	475 556	78 471	2.50	6.16
	25.0%	1344	+	0	475 556	78 471	2.50	VNR
			-	-38 953	475 556	78 471	2.50	10.10
	37.5%	728	+	0	475 556	78 471	2.50	VNR
			-	-18 857	475 556	78 471	2.50	20.44
	50.0%	485	+	2 852	475 556	78 471	2.50	82.12
			-	-5 322	475 556	78 471	2.50	57.56
	62.5%	440	+	23 654	475 556	78 471	2.50	18.07
			-	0	475 556	78 471	2.50	VNR
	75.0%	1102	+	48 316	475 556	78 471	2.50	8.65
			-	0	475 556	78 471	2.50	VNR
	87.5%	2647	+	67 494	475 556	78 471	2.50	5.69
			-	0	475 556	78 471	2.50	VNR
	100%	4556	+	98 215	475 655	78 471	2.50	3.78
			-	0	475 655	78 471	2.50	VNR
Trave 13-22	0%	4213	+	0	475 556	78 471	2.50	VNR
			-	-95 334	475 556	78 471	2.50	3.93
	12.5%	2844	+	0	475 556	78 471	2.50	VNR
			-	-70 396	475 556	78 471	2.50	5.43
	25.0%	1693	+	0	475 556	78 471	2.50	VNR
			-	-49 271	475 556	78 471	2.50	7.99
	37.5%	364	+	0	475 556	78 471	2.50	VNR
			-	-30 849	475 556	78 471	2.50	14.39
	50.0%	336	+	0	475 556	78 471	2.50	VNR
			-	-11 681	475 556	78 471	2.50	34.67
Trave 22-30	62.5%	376	+	26 553	475 556	78 471	2.50	16.49
			-	0	475 556	78 471	2.50	VNR
	75.0%	590	+	45 863	475 556	78 471	2.50	9.62
			-	0	475 556	78 471	2.50	VNR
	87.5%	1539	+	77 238	475 556	78 471	2.50	5.49
			-	0	475 556	78 471	2.50	VNR
	100.0%	3244	+	102 360	475 556	78 471	2.50	3.90
			-	0	475 556	78 471	2.50	VNR
	0%	3971	+	0	475 556	78 471	2.50	VNR
			-	-88 893	475 556	78 471	2.50	4.21
Trave 30-39	12.5%	901	+	0	475 556	78 471	2.50	VNR
			-	-66 768	475 556	78 471	2.50	6.58
	25.0%	657	+	0	475 556	78 471	2.50	VNR
			-	-42 030	475 556	78 471	2.50	10.34
	37.5%	574	+	0	475 556	78 471	2.50	VNR
			-	-22 966	475 556	78 471	2.50	17.98
	50.0%	100	+	2 121	475 556	78 471	2.50	NS
			-	-6 917	475 556	78 471	2.50	63.21
	62.5%	383	+	38 858	475 556	78 471	2.50	11.55
			-	0	475 556	78 471	2.50	VNR
Trave 30-39	75.0%	1242	+	58 970	475 556	78 471	2.50	7.15
			-	0	475 556	78 471	2.50	VNR
	87.5%	2355	+	83 196	475 556	78 471	2.50	4.88
			-	0	475 556	78 471	2.50	VNR
	100%	4345	+	120 810	475 556	78 471	2.50	3.23
			-	0	475 556	78 471	2.50	VNR
	0%	4732	+	0	475 556	78 471	2.50	VNR
			-	-117 864	475 556	78 471	2.50	3.25
	12.5%	2096	+	0	475 556	78 471	2.50	VNR
			-	-90 202	475 556	78 471	2.50	4.62
Trave 30-39	25.0%	1061	+	0	475 556	78 471	2.50	VNR
			-	-70 347	475 556	78 471	2.50	6.19
	37.5%	500	+	0	475 556	78 471	2.50	VNR
			-	-28 012	475 556	78 471	2.50	15.32
	50.0%	736	+	0	475 556	78 471	2.50	VNR
			-	-13 711	475 556	78 471	2.50	26.17
	62.5%	976	+	25 810	475 556	78 471	2.50	14.99
			-	0	475 556	78 471	2.50	VNR
Trave 30-39	75.0%	1984	+	41 742	475 556	78 471	2.50	8.84
			-	0	475 556	78 471	2.50	VNR
Trave 30-39	87.5%	3418	+	80 016	475 556	78 471	2.50	4.72

Travi (CA) - Verifica composta taglio e torsione SLU								
Id _{Tr}	%L _{L1} [%]	T _{Ed} [N-m]	+/-	V _{Ed,2} [N]	V _{Rcd} [N]	T _{Rcd} [N-m]	Ctgθ	CS _{v,T}
Fondazione			-	0	475 556	78 471	2.50	VNR
	100.0%	10949	+	94 873	478 863	78 471	2.50	2.96
			-	0	478 863	78 471	2.50	VNR
	Travata: Trave 6-14-23-31-37-40							
Trave 6-14	0%	8403	+	0	476 130	78 471	2.50	VNR
			-	-80 288	476 130	78 471	2.50	3.63
	12.5%	3624	+	0	475 556	78 471	2.50	VNR
			-	-60 650	475 556	78 471	2.50	5.76
	25.0%	1425	+	0	475 556	78 471	2.50	VNR
			-	-43 637	475 556	78 471	2.50	9.10
	37.5%	646	+	0	475 556	78 471	2.50	VNR
			-	-17 805	475 556	78 471	2.50	21.89
	50.0%	301	+	16 237	475 556	78 471	2.50	26.33
			-	-2 368	475 556	78 471	2.50	NS
Trave 14-23	62.5%	827	+	38 600	475 556	78 471	2.50	10.90
			-	0	475 556	78 471	2.50	VNR
	75.0%	925	+	66 141	475 556	78 471	2.50	6.63
			-	0	475 556	78 471	2.50	VNR
	87.5%	1680	+	105 882	475 556	78 471	2.50	4.10
			-	0	475 556	78 471	2.50	VNR
	100%	7103	+	154 316	475 556	78 471	2.50	2.41
			-	0	475 556	78 471	2.50	VNR
	0%	6854	+	0	475 556	78 471	2.50	VNR
			-	-146 997	475 556	78 471	2.50	2.52
Trave 23-31	12.5%	1672	+	0	475 556	78 471	2.50	VNR
			-	-100 635	475 556	78 471	2.50	4.29
	25.0%	955	+	0	475 556	78 471	2.50	VNR
			-	-59 793	475 556	78 471	2.50	7.25
	37.5%	724	+	0	475 556	78 471	2.50	VNR
			-	-31 602	475 556	78 471	2.50	13.21
	50.0%	276	+	6 973	475 556	78 471	2.50	55.01
			-	-13 936	475 556	78 471	2.50	30.47
	62.5%	381	+	25 356	475 556	78 471	2.50	17.19
			-	0	475 556	78 471	2.50	VNR
Trave 31-37	75.0%	1006	+	58 560	475 556	78 471	2.50	7.36
			-	0	475 556	78 471	2.50	VNR
	87.5%	2662	+	88 217	475 556	78 471	2.50	4.56
			-	0	475 556	78 471	2.50	VNR
	100%	5415	+	130 486	475 556	78 471	2.50	2.91
			-	0	475 556	78 471	2.50	VNR
	0%	5682	+	0	475 556	78 471	2.50	VNR
			-	-119 239	475 556	78 471	2.50	3.09
	12.5%	2548	+	0	475 556	78 471	2.50	VNR
			-	-82 872	475 556	78 471	2.50	4.84
Trave 37-40	25.0%	1161	+	0	475 556	78 471	2.50	VNR
			-	-60 772	475 556	78 471	2.50	7.01
	37.5%	573	+	0	475 556	78 471	2.50	VNR
			-	-31 043	475 556	78 471	2.50	13.78
	50.0%	354	+	8 541	475 556	78 471	2.50	44.50
			-	-12 917	475 556	78 471	2.50	31.57
	62.5%	849	+	42 105	475 556	78 471	2.50	10.06
			-	0	475 556	78 471	2.50	VNR
	75.0%	637	+	74 708	475 556	78 471	2.50	6.05
			-	0	475 556	78 471	2.50	VNR
Trave 37-40	87.5%	3040	+	116 492	475 556	78 471	2.50	3.52
			-	0	475 556	78 471	2.50	VNR
	100%	5282	+	139 610	475 556	78 471	2.50	2.77
			-	0	475 556	78 471	2.50	VNR
	0%	6570	+	0	475 556	78 471	2.50	VNR
			-	-148 861	475 556	78 471	2.50	2.52
	12.5%	1382	+	0	475 556	78 471	2.50	VNR
			-	-107 945	475 556	78 471	2.50	4.09
	25.0%	1011	+	0	475 556	78 471	2.50	VNR
			-	-71 991	475 556	78 471	2.50	6.09
Trave 37-40	37.5%	965	+	0	475 556	78 471	2.50	VNR
			-	-48 349	475 556	78 471	2.50	8.77
	50.0%	312	+	0	475 556	78 471	2.50	VNR
			-	-25 954	475 556	78 471	2.50	17.08
	62.5%	398	+	31 139	475 556	78 471	2.50	14.17
			-	0	475 556	78 471	2.50	VNR
	75.0%	1538	+	55 508	475 556	78 471	2.50	7.34
			-	0	475 556	78 471	2.50	VNR
	87.5%	2509	+	91 260	475 556	78 471	2.50	4.47
			-	0	475 556	78 471	2.50	VNR
Trave 37-40	100%	8933	+	162 383	475 556	78 471	2.50	2.20
			-	0	475 556	78 471	2.50	VNR
	0%	5798	+	0	475 556	78 471	2.50	VNR
			-	-110 422	475 556	78 471	2.50	3.27
Trave 37-40	12.5%	5798	+	0	475 556	78 471	2.50	VNR
			-	-110 422	475 556	78 471	2.50	3.27
	25.0%	5798	+	0	475 556	78 471	2.50	VNR
			-	-110 422	475 556	78 471	2.50	3.27
Trave 37-40	37.5%	727	+	0	475 556	78 471	2.50	VNR

Travi (CA) - Verifica composta taglio e torsione SLU

Id _{Tr}	%L _{Lt} [%]	T _{Ed} [N-m]	+/-	V _{Ed,2} [N]	V _{Rcd} [N]	T _{Rcd} [N-m]	Ctgθ	CS _{v,T}
			-	-52 037	475 556	78 471	2.50	8.43
	50.0%	727	+	0	475 556	78 471	2.50	VNR
			-	-52 037	475 556	78 471	2.50	8.43
	62.5%	6003	+	3 484	475 556	78 471	2.50	11.93
			-	-17 880	475 556	78 471	2.50	8.76
	75.0%	6003	+	3 484	475 556	78 471	2.50	11.93
			-	-17 880	475 556	78 471	2.50	8.76
	87.5%	11909	+	15 366	475 556	78 471	2.50	5.43
			-	0	475 556	78 471	2.50	VNR
	100.0%	11909	+	15 366	475 556	78 471	2.50	5.43
			-	0	475 556	78 471	2.50	VNR
Fondazione								
Trave 7-15					Travata: Trave 7-15-24-1c			
	0%	8607	+	0	476 334	78 471	2.50	VNR
			-	-67 231	476 334	78 471	2.50	3.99
	12.5%	4009	+	0	475 556	78 471	2.50	VNR
			-	-54 795	475 556	78 471	2.50	6.01
	25.0%	1479	+	0	475 556	78 471	2.50	VNR
			-	-45 998	475 556	78 471	2.50	8.65
	37.5%	733	+	0	475 556	78 471	2.50	VNR
			-	-27 079	475 556	78 471	2.50	15.09
	50.0%	375	+	0	475 556	78 471	2.50	VNR
			-	-15 605	475 556	78 471	2.50	26.60
	62.5%	361	+	6 037	475 556	78 471	2.50	57.82
			-	-9 274	475 556	78 471	2.50	41.49
	75.0%	867	+	17 259	475 556	78 471	2.50	21.12
			-	-2 010	475 556	78 471	2.50	65.47
	87.5%	1374	+	29 544	475 556	78 471	2.50	12.56
			-	0	475 556	78 471	2.50	VNR
	100%	5846	+	49 675	475 556	78 471	2.50	5.59
			-	-2 634	475 556	78 471	2.50	12.49
Trave 15-24	0%	5709	+	0	475 556	78 471	2.50	VNR
			-	-71 807	475 556	78 471	2.50	4.47
	12.5%	1600	+	0	475 556	78 471	2.50	VNR
			-	-44 048	475 556	78 471	2.50	8.85
	25.0%	1012	+	116	475 556	78 471	2.50	76.10
			-	-26 869	475 556	78 471	2.50	14.41
	37.5%	634	+	5 190	475 556	78 471	2.50	52.65
			-	-16 359	475 556	78 471	2.50	23.54
	50.0%	463	+	9 995	475 556	78 471	2.50	37.15
			-	-8 738	475 556	78 471	2.50	41.20
	62.5%	510	+	16 922	475 556	78 471	2.50	23.76
			-	-1 069	475 556	78 471	2.50	NS
	75.0%	1143	+	30 812	475 556	78 471	2.50	12.60
			-	0	475 556	78 471	2.50	VNR
	87.5%	2429	+	39 341	475 556	78 471	2.50	8.80
			-	0	475 556	78 471	2.50	VNR
	100%	5509	+	60 737	475 556	78 471	2.50	5.05
			-	0	475 556	78 471	2.50	VNR
Trave 24-1c	0%	4893	+	0	475 556	78 471	2.50	VNR
			-	-55 278	475 556	78 471	2.50	5.60
	12.5%	2160	+	0	475 556	78 471	2.50	VNR
			-	-39 256	475 556	78 471	2.50	9.08
	25.0%	1433	+	0	475 556	78 471	2.50	VNR
			-	-29 255	475 556	78 471	2.50	12.53
	37.5%	1175	+	0	475 556	78 471	2.50	VNR
			-	-16 961	475 556	78 471	2.50	19.75
	50.0%	953	+	702	475 556	78 471	2.50	73.42
			-	-9 204	475 556	78 471	2.50	31.75
	62.5%	2196	+	9 680	475 556	78 471	2.50	20.69
			-	0	475 556	78 471	2.50	VNR
	75.0%	1901	+	14 201	475 556	78 471	2.50	18.49
			-	0	475 556	78 471	2.50	VNR
	87.5%	5728	+	15 640	475 556	78 471	2.50	9.44
			-	0	475 556	78 471	2.50	VNR
	100.0%	5087	+	9 735	475 556	78 471	2.50	11.72
			-	0	475 556	78 471	2.50	VNR
Fondazione								
Trave 8-16					Travata: Trave 8-16			
	0%	22480	+	0	475 556	78 471	2.50	VNR
			-	-93 457	475 556	78 471	2.50	2.07
	12.5%	5741	+	0	475 556	78 471	2.50	VNR
			-	-66 338	475 556	78 471	2.50	4.70
	25.0%	4022	+	0	475 556	78 471	2.50	VNR
			-	-42 691	475 556	78 471	2.50	7.09
	37.5%	2067	+	2 434	475 556	78 471	2.50	31.79
			-	-25 495	475 556	78 471	2.50	12.51
	50.0%	2494	+	19 340	475 556	78 471	2.50	13.80
			-	-14 309	475 556	78 471	2.50	16.16
	62.5%	1399	+	38 628	475 556	78 471	2.50	10.10
			-	-3 111	475 556	78 471	2.50	41.03
	75.0%	2339	+	65 714	475 556	78 471	2.50	5.95
			-	0	475 556	78 471	2.50	VNR
	87.5%	8504	+	91 752	475 556	78 471	2.50	3.32
			-	0	475 556	78 471	2.50	VNR

Id _{Tr}	%L _{L1} [%]	T _{Ed} [N-m]	+/-	V _{Ed,2} [N]	V _{Rcd} [N]	T _{Rcd} [N-m]	Ctgθ	CS _{v,T}
	100%	16060	+ -	133 621 0	475 556 475 556	78 471 78 471	2.50 2.50	2.06 VNR
Fondazione					Travata: Trave 16-17-25-32-38-41			
Trave 16-17	0%	20961	+ -	0 -93 823	554 972 554 972	91 550 91 550	2.50 2.50	VNR 2.51
	12.5%	20961	+ -	0 -93 823	554 972 554 972	91 550 91 550	2.50 2.50	VNR 2.51
	25.0%	20961	+ -	0 -93 823	554 972 554 972	91 550 91 550	2.50 2.50	VNR 2.51
	37.5%	3028	+ -	0 -54 017	554 815 554 815	91 550 91 550	2.50 2.50	VNR 7.67
	50.0%	3028	+ -	0 -54 017	554 815 554 815	91 550 91 550	2.50 2.50	VNR 7.67
	62.5%	1584	+ -	11 473 -24 703	554 815 554 815	91 550 91 550	2.50 2.50	26.33 16.17
	75.0%	1584	+ -	11 473 -24 703	554 815 554 815	91 550 91 550	2.50 2.50	26.33 16.17
	87.5%	7278	+ -	45 576 -9 610	554 815 554 815	91 550 91 550	2.50 2.50	6.19 10.33
	100%	7278	+ -	45 576 -9 610	554 815 554 815	91 550 91 550	2.50 2.50	6.19 10.33
Trave 17-25	0%	6893	+ -	0 -66 155	555 142 555 142	91 550 91 550	2.50 2.50	VNR 5.14
	12.5%	6893	+ -	0 -66 155	555 142 555 142	91 550 91 550	2.50 2.50	VNR 5.14
	25.0%	2474	+ -	7 751 -38 643	554 815 554 815	91 550 91 550	2.50 2.50	24.39 10.34
	37.5%	2474	+ -	7 751 -38 643	554 815 554 815	91 550 91 550	2.50 2.50	24.39 10.34
	50.0%	368	+ -	19 743 -17 639	554 815 554 815	91 550 91 550	2.50 2.50	25.25 27.92
	62.5%	3523	+ -	38 505 -4 199	554 815 554 815	91 550 91 550	2.50 2.50	9.27 21.72
	75.0%	3523	+ -	38 505 -4 199	554 815 554 815	91 550 91 550	2.50 2.50	9.27 21.72
	87.5%	12902	+ -	63 461 0	554 815 554 815	91 550 91 550	2.50 2.50	3.92 VNR
	100%	12902	+ -	63 461 0	554 815 554 815	91 550 91 550	2.50 2.50	3.92 VNR
Trave 25-32	0%	11054	+ -	13 477 -111 584	554 815 554 815	91 550 91 550	2.50 2.50	6.89 3.11
	12.5%	7337	+ -	8 724 -75 013	554 815 554 815	91 550 91 550	2.50 2.50	10.43 4.64
	25.0%	3797	+ -	12 673 -56 014	554 815 554 815	91 550 91 550	2.50 2.50	15.55 7.02
	37.5%	2390	+ -	17 841 -41 488	554 815 554 815	91 550 91 550	2.50 2.50	17.16 9.91
	50.0%	3536	+ -	25 764 -26 755	554 815 554 815	91 550 91 550	2.50 2.50	11.76 11.51
	62.5%	1557	+ -	52 161 0	554 815 554 815	91 550 91 550	2.50 2.50	9.01 VNR
	75.0%	2971	+ -	77 864 0	554 815 554 815	91 550 91 550	2.50 2.50	5.79 VNR
	87.5%	8973	+ -	107 721 0	554 815 554 815	91 550 91 550	2.50 2.50	3.42 VNR
	100.0%	18609	+ -	145 508 0	554 815 554 815	91 550 91 550	2.50 2.50	2.15 VNR
Trave 32-38	0%	16363	+ -	0 -133 513	554 815 554 815	91 550 91 550	2.50 2.50	VNR 2.38
	12.5%	8794	+ -	0 -90 425	554 815 554 815	91 550 91 550	2.50 2.50	VNR 3.86
	25.0%	4110	+ -	0 -72 616	554 815 554 815	91 550 91 550	2.50 2.50	VNR 5.69
	37.5%	2996	+ -	0 -48 693	554 815 554 815	91 550 91 550	2.50 2.50	VNR 8.30
	50.0%	2676	+ -	10 257 -33 390	554 815 554 815	91 550 91 550	2.50 2.50	20.96 11.18
	62.5%	1267	+ -	44 286 -7 541	554 815 554 815	91 550 91 550	2.50 2.50	10.68 36.45
	75.0%	3251	+ -	65 492 0	554 815 554 815	91 550 91 550	2.50 2.50	6.51 VNR
	87.5%	8215	+ -	93 734 0	554 815 554 815	91 550 91 550	2.50 2.50	3.87 VNR
	100.0%	11726	+ -	131 476 0	554 815 554 815	91 550 91 550	2.50 2.50	2.74 VNR
Trave 38-41	0%	13745	+ -	0 -119 318	554 841 554 841	91 550 91 550	2.50 2.50	VNR 2.74
	12.5%	13745	+ -	0 -119 318	554 841 554 841	91 550 91 550	2.50 2.50	VNR 2.74
	25.0%	5391	+ -	0 -78 513	554 815 554 815	91 550 91 550	2.50 2.50	VNR 4.99
	37.5%	3524	+ -	0 -49 873	554 815 554 815	91 550 91 550	2.50 2.50	VNR 7.79

Travi (CA) - Verifica composta taglio e torsione SLU								
Id _{Tr}	%L _{L1} [%]	T _{Ed} [N-m]	+/-	V _{Ed,2} [N]	V _{Rcd} [N]	T _{Rcd} [N-m]	Ctg θ	CS _{v,T}
	50.0%	1733	+ -	0 -28 604	554 815 554 815	91 550 91 550	2.50 2.50	VNR 14.19
	62.5%	2393	+ -	13 218 -10 379	554 815 554 815	91 550 91 550	2.50 2.50	20.01 22.30
	75.0%	2752	+ -	32 998 -101	554 815 554 815	91 550 91 550	2.50 2.50	11.17 33.07
	87.5%	14865	+ -	58 918 0	554 815 554 815	91 550 91 550	2.50 2.50	3.72 VNR
	100.0%	14865	+ -	58 918 0	554 815 554 815	91 550 91 550	2.50 2.50	3.72 VNR

LEGENDA:

Id _{Tr}	Identificativo della trave. L'eventuale lettera tra parentesi distingue i diversi tratti della travata al livello considerato.
%L _{L1}	Posizione della sezione per la quale vengono forniti i valori di verifica, valutata come % della lunghezza libera d'inflessione (L _{L1}), a partire dall'estremo iniziale.
T _{Ed}	Momento torcente di progetto.
+/-	[+] = sollecitazione massima; [-] = sollecitazione minima.
V _{Ed,2}	Taglio di progetto in direzione 2.
V _{Rcd}	Resistenza a taglio compressione del calcestruzzo.
T _{Rcd}	Momento resistente del calcestruzzo.
Ctg θ	Cotangente dell'angolo θ utilizzata nella verifica.
CS _{v,T}	Coefficiente di sicurezza per taglio e torsione ([NS] = Non Significativo per valori di CS >= 100; [VNR]= Verifica Non Richiesta).

TRAVI - VERIFICHE DELLE TENSIONI DI ESERCIZIO (Elevazione)

Travi - verifiche delle tensioni di esercizio																
%LLI Tp _{rnf}	Compressione calcestruzzo Compressione calcestruzzo rinforzo								Trazione acciaio Trazione acciaio/FRP rinforzo							
	IdCmb	σ _{cc}	σ _{cd,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato	IdCmb	σ _{at}	σ _{td,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato
	[%]	[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]				[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]		
Piano copertura																
Trave: Trave 1-2																
				FRC=0.00 cm				Travata: Trave 1-2-3-4-5-6-7-8								
0%	RAR	0.103	17.43	12 380	-2 532	0	NS	SI	RAR	0.202	360.00	9 346	-2 090	0	NS	SI
	QPR	0.032	13.07	7 745	287	0	NS	SI								
25.0%	RAR	0.289	17.43	12 380	-9 991	0	60.38	SI	RAR	2.616	360.00	9 346	-9 811	0	NS	SI
	QPR	0.231	13.07	7 745	-8 287	0	56.51	SI								
50.0%	RAR	0.249	17.43	12 402	-8 393	0	70.01	SI	RAR	2.203	360.00	8 845	-8 411	0	NS	SI
	QPR	0.219	13.07	7 745	-7 809	0	59.58	SI								
75.0%	RAR	0.098	17.43	12 180	2 366	0	NS	SI	RAR	0.219	360.00	7 674	1 886	0	NS	SI
	QPR	0.068	13.07	7 745	1 730	0	NS	SI								
100%	RAR	0.587	17.43	12 402	21 975	0	29.68	SI	RAR	6.273	360.00	12 402	21 975	0	57.39	SI
	QPR	0.531	13.07	7 745	20 324	0	24.61	SI								
Trave: Trave 2-3																
				FRC=0.00 cm												
0%	RAR	0.233	17.43	7 732	8 373	0	74.67	SI	RAR	2.245	360.00	7 732	8 373	0	NS	SI
	QPR	0.226	13.07	7 771	8 057	0	57.92	SI								
25.0%	RAR	0.172	17.43	11 920	-5 382	0	NS	SI	RAR	1.107	360.00	11 920	-5 382	0	NS	SI
	QPR	0.120	13.07	7 771	-3 803	0	NS	SI								
50.0%	RAR	0.186	17.43	11 943	-6 800	0	93.67	SI	RAR	1.667	360.00	6 565	-6 551	0	NS	SI
	QPR	0.165	13.07	7 771	-6 409	0	79.38	SI								
75.0%	RAR	0.068	17.43	11 058	1 302	0	NS	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.031	13.07	7 771	246	0	NS	SI								
100%	RAR	0.495	17.43	11 058	18 442	0	35.22	SI	RAR	5.233	360.00	11 058	18 442	0	68.79	SI
	QPR	0.427	13.07	7 771	16 156	0	30.58	SI								
Trave: Trave 3-4																
				FRC=0.00 cm												
0%	RAR	0.291	17.43	10 161	10 358	0	59.96	SI	RAR	2.748	360.00	10 161	10 358	0	NS	SI
	QPR	0.272	13.07	9 210	9 718	0	48.12	SI								
25.0%	RAR	0.147	17.43	12 925	-4 240	0	NS	SI	RAR	0.792	360.00	11 481	-4 307	0	NS	SI
	QPR	0.106	13.07	9 210	-3 083	0	NS	SI								
50.0%	RAR	0.219	17.43	12 947	-7 112	0	79.66	SI	RAR	1.741	360.00	8 542	-6 886	0	NS	SI
	QPR	0.195	13.07	9 210	-6 626	0	67.15	SI								
75.0%	RAR	0.077	17.43	12 111	-1 514	0	NS	SI	RAR	0.025	360.00	8 542	-1 399	0	NS	SI
	QPR	0.052	13.07	9 210	-911	0	NS	SI								
100.0%	RAR	0.432	17.43	11 518	15 841	0	40.38	SI	RAR	4.397	360.00	11 518	15 841	0	81.87	SI
	QPR	0.380	13.07	9 210	14 061	0	34.41	SI								
Trave: Trave 4-5																
				FRC=0.00 cm												
0%	RAR	0.325	17.43	13 087	11 348	0	53.67	SI	RAR	2.916	360.00	13 087	11 348	0	NS	SI
	QPR	0.305	13.07	11 501	10 764	0	42.84	SI								
25.0%	RAR	0.072	17.43	13 087	1 194	0	NS	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.047	13.07	11 501	405	0	NS	SI								
50.0%	RAR	0.063	17.43	13 879	728	0	NS	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.054	13.07	11 501	-693	0	NS	SI								
75.0%	RAR	0.308	17.43	13 874	10 593	0	56.50	SI	RAR	2.642	360.00	13 874	10 593	0	NS	SI
	QPR	0.223	13.07	11 501	7 465	0	58.63	SI								
100%	RAR	0.787	17.43	13 874	29 825	0	22.13	SI	RAR	8.656	360.00	13 874	29 825	0	41.58	SI
	QPR	0.657	13.07	11 501	24 880	0	19.90	SI								
Trave: Trave 5-6																
				FRC=0.01 cm												
0%	RAR	1.046	17.43	11 483	40 511	0	16.66	SI	RAR	12.124	360.00	10 799	40 441	0	29.69	SI
	QPR	0.886	13.07	9 611	34 352	0	14.74	SI								
25.0%	RAR	0.409	17.43	11 427	-14 959	0	42.58	SI	RAR	4.126	360.00	11 427	-14 959	0	87.25	SI
	QPR	0.323	13.07	9 611	-11 745	0	40.41	SI								
50.0%	RAR	0.883	17.43	11 441	-35 694	0	19.72	SI	RAR	9.251	360.00	10 799	-35 613	0	38.91	SI
	QPR	0.731	13.07	9 611	-29 506	0	17.88	SI								
75.0%	RAR	0.621	17.43	11 444	-23 453	0	28.07	SI	RAR	6.781	360.00	11 444	-23 453	0	53.08	SI
	QPR	0.503	13.07	9 611	-18 936	0	26.01	SI								
100%	RAR	0.619	17.43	11 466	23 382	0	28.14	SI	RAR	6.758	360.00	11 466	23 382	0	53.27	SI

Travi - verifiche delle tensioni di esercizio																	
%LLI Tp _{mf}	Compressione calcestruzzo Compressione calcestruzzo rinforzo								Verific ato	Trazione acciaio Trazione acciaio/FRP rinforzo							
	Id _{Cmb}	σ _{cc}	σ _{cd,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Id _{Cmb}		σ _{at}	σ _{td,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato	
[%]		[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]				[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]			
Trave: Trave 6-7																	
	QPR	0.524	13.07	9 611	19 807		0	24.93	SI								
FRC=0.00 cm																	
0%	RAR	0.400	17.43	2 010	15 817		0	43.53	SI	RAR	4.849	360.00	2 010	15 817	0	74.24	SI
	QPR	0.333	13.07	2 642	13 035		0	39.24	SI								
25.0%	RAR	0.098	17.43	2 010	3 687		0	NS	SI	RAR	1.056	360.00	2 010	3 687	0	NS	SI
	QPR	0.051	13.07	2 642	1 715		0	NS	SI								
50.0%	RAR	0.055	17.43	3 717	1 717		0	NS	SI	RAR	0.458	360.00	1 971	1 768	0	NS	SI
	QPR	0.017	13.07	2 642	331		0	NS	SI								
75.0%	RAR	0.281	17.43	2 809	10 938		0	61.93	SI	RAR	3.285	360.00	2 809	10 938	0	NS	SI
	QPR	0.230	13.07	2 642	8 896		0	56.82	SI								
100%	RAR	0.788	17.43	2 809	31 296		0	22.10	SI	RAR	9.651	360.00	2 809	31 296	0	37.30	SI
	QPR	0.691	13.07	2 642	27 403		0	18.92	SI								
Trave: Trave 7-8																	
FRC=0.00 cm																	
0%	RAR	0.870	17.43	5 949	34 156		0	20.04	SI	RAR	10.508	360.00	4 354	34 275	0	34.26	SI
	QPR	0.783	13.07	4 859	30 825		0	16.68	SI								
25.0%	RAR	0.208	17.43	5 949	7 576		0	83.87	SI	RAR	2.167	360.00	4 354	7 602	0	NS	SI
	QPR	0.171	13.07	4 859	6 242		0	76.40	SI								
50.0%	RAR	0.235	17.43	6 532	-8 586		0	74.21	SI	RAR	2.541	360.00	4 240	-8 780	0	NS	SI
	QPR	0.223	13.07	4 859	-8 313		0	58.71	SI								
75.0%	RAR	0.375	17.43	4 420	-14 471		0	46.53	SI	RAR	4.312	360.00	4 420	-14 471	0	83.49	SI
	QPR	0.335	13.07	4 859	-12 834		0	38.99	SI								
100.0%	RAR	0.258	17.43	4 420	-9 774		0	67.65	SI	RAR	2.843	360.00	4 420	-9 774	0	NS	SI
	QPR	0.198	13.07	4 859	-7 322		0	66.02	SI								
Piano copertura																	
Trave: Trave 13-14																	
FRC=0.05 cm																	
0%	RAR	4.950	17.43	10 693	59 964		0	3.52	SI	RAR	188.510	360.00	6 351	59 908	0	1.90	SI
	QPR	2.193	13.07	9 111	47 140		0	5.96	SI								
25.0%	RAR	1.221	17.43	11 471	-25 792		0	14.27	SI	RAR	12.141	360.00	11 471	-25 792	0	29.65	SI
	QPR	0.954	13.07	9 111	-20 146		0	13.70	SI								
50.0%	RAR	2.327	17.43	11 471	-49 904		0	7.48	SI	RAR	24.010	360.00	11 471	-49 904	0	14.99	SI
	QPR	1.838	13.07	9 111	-39 408		0	7.11	SI								
75.0%	RAR	0.733	17.43	10 693	-15 640		0	23.77	SI	RAR	7.146	360.00	10 693	-15 640	0	50.37	SI
	QPR	0.505	13.07	9 111	-10 651		0	25.87	SI								
100.0%	RAR	5.931	17.43	11 471	78 367		0	2.93	SI	RAR	197.703	360.00	11 471	78 367	0	1.82	SI
	QPR	4.979	13.07	9 111	65 801		0	2.62	SI								
Trave: Trave 14-16																	
FRC=0.19 cm																	
0%	RAR	6.655	17.43	13 953	87 888		0	2.61	SI	RAR	221.373	360.00	13 953	87 888	0	1.62	SI
	QPR	5.874	13.07	11 955	77 557		0	2.22	SI								
25.0%	RAR	0.293	17.43	13 931	-6 168		0	59.58	SI	RAR	2.423	360.00	11 423	-6 128	0	NS	SI
	QPR	0.253	13.07	11 955	-5 348		0	51.61	SI								
50.0%	RAR	1.980	17.43	13 953	-42 153		0	8.80	SI	RAR	20.186	360.00	11 423	-42 131	0	17.83	SI
	QPR	1.749	13.07	11 955	-37 261		0	7.47	SI								
75.0%	RAR	0.995	17.43	13 953	-20 705		0	17.51	SI	RAR	9.526	360.00	11 423	-20 474	0	37.79	SI
	QPR	0.872	13.07	11 955	-18 155		0	14.99	SI								
100.0%	RAR	4.889	17.43	13 931	59 181		0	3.56	SI	RAR	182.563	360.00	11 423	58 835	0	1.97	SI
	QPR	2.423	13.07	11 955	51 962		0	5.39	SI								
Piano copertura																	
Trave: Trave 22-23																	
FRC=0.06 cm																	
0%	RAR	5.063	17.43	1 083	61 582		0	3.44	SI	RAR	196.256	360.00	1 083	61 582	0	1.83	SI
	QPR	2.248	13.07	4 088	48 688		0	5.81	SI								
25.0%	RAR	1.228	17.43	5 629	-26 352		0	14.19	SI	RAR	12.699	360.00	5 629	-26 352	0	28.34	SI
	QPR	0.968	13.07	4 088	-20 795		0	13.51	SI								
50.0%	RAR	4.295	17.43	5 629	-52 095		0	4.05	SI	RAR	163.903	360.00	5 629	-52 095	0	2.19	SI
	QPR	1.943	13.07	4 088	-42 050		0	6.72	SI								
75.0%	RAR	0.897	17.43	5 591	-19 160		0	19.42	SI	RAR	9.161	360.00	5 591	-19 160	0	39.29	SI
	QPR	0.705	13.07	4 088	-15 070		0	18.54	SI								
100%	RAR	6.070	17.43	5 629	73 724		0	2.87	SI	RAR	232.912	360.00	5 629	73 724	0	1.54	SI
	QPR	4.923	13.07	4 088	59 810		0	2.65	SI								
Trave: Trave 23-24																	
FRC=0.01 cm																	
0%	RAR	2.211	17.43	5 642	47 790		0	7.88	SI	RAR	23.251	360.00	5 642	47 790	0	15.48	SI
	QPR	1.749	13.07	2 186	37 959		0	7.47	SI								
25.0%	RAR	0.263	17.43	1 300	-5 650		0	66.14	SI	RAR	2.768	360.00	343	-5 658	0	NS	SI
	QPR	0.211	13.07	2 186	-4 448		0	61.90	SI								
50.0%	RAR	0.853	17.43	5 868	-20 099		0	20.44	SI	RAR	9.617	360.00	1 123	-20 045	0	37.43	SI
	QPR	0.703	13.07	2 186	-16 773		0	18.59	SI								
75.0%	RAR	0.092	17.43	1 300	1 911		0	NS	SI	RAR	0.878	360.00	1 300	1 911	0	NS	SI
	QPR	0.060	13.07	2 186	1 163		0	NS	SI								
100%	RAR	4.811	17.43	2 080	58 353		0	3.62	SI	RAR	185.900	360.00	2 080	58 353	0	1.93	SI
	QPR	2.273	13.07	2 186	49 365		0	5.75	SI								
Trave: Trave 24-25																	
FRC=0.02 cm																	
0%	RAR	5.243	17.43	9 317	63 569		0	3.32	SI	RAR	199.426	360.00	3 979	63 011	0	1.80	SI
	QPR	4.448	13.07	4 889	54 007		0	2.93	SI								
25.0%	RAR	0.472	17.43	8 469	9 684		0	36.94	SI	RAR	4.432	360.00	3 131	9 312	0	81.22	SI
	QPR	0.381	13.07	4 889	7 969		0	34.26	SI								
50.0%	RAR	0.978	17.43	9 317	-20 666		0	17.81	SI	RAR	10.071	360.00	3 979	-20 850	0	35.74	SI
	QPR	0.806	13.07	4 889	-17 211		0	16.22	SI								
75.0%	RAR	1.188	17.43	9 317	-25 235		0	14.66	SI	RAR	12.228	360.00	3 979	-25 232	0	29.44	SI
	QPR	1.004	13.07	4 889	-21 542		0	13.01	SI								
100.0%	RAR	0.494	17.43	7 556	-10 227		0	35.30	SI	RAR	4.834	360.00	2 218	-10 038	0	74.47	SI
	QPR	0.390	13.07	4 889	-8 154		0	33.52	SI								
Piano copertura																	
Trave: Trave 26-27																	
FRC=0.01 cm																	
0%	RAR	0.231	17.43	18 790	6 848		0	75.44	SI	RAR	1.234	360.00	18 790	6 848	0	NS	SI

Travi - verifiche delle tensioni di esercizio																	
%LLI Tp _{mf}	Compressione calcestruzzo Compressione calcestruzzo rinforzo								Verific ato	Trazione acciaio Trazione acciaio/FRP rinforzo							
	Id _{Cmb}	σ _{cc}	σ _{cd,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Id _{Cmb}		σ _{at}	σ _{td,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato	
[%]		[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]				[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]			
25.0%	QPR	0.177	13.07	16 612	4 943	0	74.02	SI									
	RAR	0.399	17.43	22 981	-13 046	0	43.69	SI	RAR	3.015	360.00	19 930	-12 720	0	NS	SI	
	QPR	0.321	13.07	16 612	-10 761	0	40.66	SI									
50.0%	RAR	0.423	17.43	22 981	-13 997	0	41.24	SI	RAR	3.554	360.00	17 918	-14 134	0	NS	SI	
	QPR	0.365	13.07	16 612	-12 508	0	35.81	SI									
75.0%	RAR	0.108	17.43	21 484	1 561	0	NS	SI	RAR	0.000	360.00	0	0	0	-	SI	
	QPR	0.075	13.07	16 612	874	0	NS	SI									
100%	RAR	0.939	17.43	20 969	34 996	0	18.56	SI	RAR	9.930	360.00	20 969	34 996	0	36.25	SI	
	QPR	0.813	13.07	16 612	30 483	0	16.08	SI									
Trave: Trave 27-28 FRC=0.01 cm																	
0%	QPR	0.859	17.43	24 607	31 309	0	20.29	SI	RAR	8.602	360.00	24 607	31 309	0	41.85	SI	
	RAR	0.703	13.07	19 190	25 742	0	18.59	SI									
25.0%	RAR	0.231	17.43	23 459	-6 225	0	75.59	SI	RAR	1.011	360.00	20 903	-6 463	0	NS	SI	
	QPR	0.173	13.07	19 190	-4 453	0	75.70	SI									
50.0%	RAR	0.466	17.43	24 585	-17 795	0	37.36	SI	RAR	4.394	360.00	20 977	-17 829	0	81.92	SI	
	QPR	0.394	13.07	19 190	-15 245	0	33.18	SI									
75.0%	RAR	0.263	17.43	25 194	-7 302	0	66.28	SI	RAR	1.089	360.00	24 607	-7 283	0	NS	SI	
	QPR	0.195	13.07	19 190	-5 349	0	67.03	SI									
100%	RAR	0.861	17.43	22 033	31 717	0	20.24	SI	RAR	8.870	360.00	20 903	31 596	0	40.58	SI	
	QPR	0.717	13.07	19 190	26 318	0	18.22	SI									
Trave: Trave 28-29 FRC=0.00 cm																	
0%	RAR	0.643	17.43	38 528	20 848	0	27.09	SI	RAR	4.658	360.00	38 528	20 848	0	77.28	SI	
	QPR	0.529	13.07	28 845	17 531	0	24.69	SI									
25.0%	RAR	0.212	17.43	38 528	3 547	0	82.06	SI	RAR	0.000	360.00	0	0	0	-	SI	
	QPR	0.142	13.07	28 845	1 969	0	92.11	SI									
50.0%	RAR	0.215	17.43	39 521	-3 517	0	81.12	SI	RAR	0.000	360.00	0	0	0	-	SI	
	QPR	0.184	13.07	28 845	-3 653	0	71.10	SI									
75.0%	RAR	0.154	17.43	30 307	2 246	0	NS	SI	RAR	0.000	360.00	0	0	0	-	SI	
	QPR	0.110	13.07	28 845	672	0	NS	SI									
100.0%	RAR	0.550	17.43	30 307	18 149	0	31.71	SI	RAR	4.211	360.00	30 307	18 149	0	85.48	SI	
	QPR	0.465	13.07	28 845	14 936	0	28.12	SI									
Trave: Trave 29-30 FRC=0.00 cm																	
0%	RAR	0.843	17.43	39 317	28 762	0	20.67	SI	RAR	7.237	360.00	36 823	28 831	0	49.74	SI	
	QPR	0.730	13.07	27 233	25 790	0	17.90	SI									
25.0%	RAR	0.283	17.43	41 095	6 068	0	61.49	SI	RAR	0.251	360.00	29 122	5 302	0	NS	SI	
	QPR	0.205	13.07	27 233	4 719	0	63.70	SI									
50.0%	RAR	0.286	17.43	39 760	-6 330	0	61.01	SI	RAR	0.701	360.00	26 481	-6 333	0	NS	SI	
	QPR	0.247	13.07	27 233	-6 415	0	52.82	SI									
75.0%	RAR	0.335	17.43	37 890	-8 547	0	52.05	SI	RAR	1.124	360.00	29 122	-8 092	0	NS	SI	
	QPR	0.277	13.07	27 233	-7 602	0	47.19	SI									
100%	RAR	0.167	17.43	28 713	2 995	0	NS	SI	RAR	0.000	360.00	0	0	0	-	SI	
	QPR	0.116	13.07	27 233	1 156	0	NS	SI									
Trave: Trave 30-31 FRC=-0.01 cm																	
0%	RAR	0.241	17.43	40 086	4 506	0	72.23	SI	RAR	0.000	360.00	0	0	0	-	SI	
	QPR	0.126	13.07	30 313	1 146	0	NS	SI									
25.0%	RAR	0.472	17.43	42 490	-13 469	0	36.90	SI	RAR	2.790	360.00	32 420	-13 931	0	NS	SI	
	QPR	0.391	13.07	30 313	-11 772	0	33.45	SI									
50.0%	RAR	0.279	17.43	42 490	6 248	0	62.49	SI	RAR	0.253	360.00	33 446	6 550	0	NS	SI	
	QPR	0.201	13.07	30 313	4 537	0	65.07	SI									
75.0%	RAR	1.633	17.43	42 490	60 894	0	10.67	SI	RAR	17.070	360.00	33 288	61 792	0	21.08	SI	
	QPR	1.328	13.07	30 313	50 080	0	9.84	SI									
100.0%	RAR	5.598	17.43	33 288	151 870	0	3.11	SI	RAR	192.946	360.00	33 288	151 870	0	1.86	SI	
	QPR	4.604	13.07	30 313	124 679	0	2.83	SI									
Trave: Trave 31-32 FRC=0.17 cm																	
0%	RAR	7.317	17.43	53 958	197 695	0	2.38	SI	RAR	249.755	360.00	46 160	197 384	0	1.44	SI	
	QPR	6.007	13.07	40 372	162 596	0	2.17	SI									
25.0%	RAR	1.644	17.43	53 938	-61 130	0	10.59	SI	RAR	16.850	360.00	45 874	-61 541	0	21.36	SI	
	QPR	1.322	13.07	40 372	-49 542	0	9.88	SI									
50.0%	RAR	6.499	17.43	53 958	-162 022	0	2.68	SI	RAR	250.608	360.00	46 160	-162 307	0	1.43	SI	
	QPR	5.302	13.07	40 372	-132 409	0	2.46	SI									
75.0%	RAR	4.254	17.43	53 958	-104 929	0	4.09	SI	RAR	155.132	360.00	46 160	-105 203	0	2.32	SI	
	QPR	2.263	13.07	40 372	-85 673	0	5.77	SI									
100.0%	RAR	4.337	17.43	53 938	107 041	0	4.01	SI	RAR	158.540	360.00	45 874	107 161	0	2.27	SI	
	QPR	2.315	13.07	40 372	87 738	0	5.64	SI									
Piano copertura Travata: Trave 33-34-35-36-39-40-41																	
Trave: Trave 33-34 FRC=0.00 cm																	
0%	RAR	0.353	17.43	659	14 110	0	49.30	SI	RAR	4.380	360.00	659	14 110	0	82.18	SI	
	QPR	0.293	13.07	2 712	11 433	0	44.54	SI									
25.0%	RAR	0.190	17.43	6 183	-6 850	0	91.49	SI	RAR	1.931	360.00	1 690	-6 435	0	NS	SI	
	QPR	0.145	13.07	2 712	-5 463	0	90.29	SI									
50.0%	RAR	0.279	17.43	4 552	-10 604	0	62.53	SI	RAR	3.299	360.00	1 690	-10 812	0	NS	SI	
	QPR	0.245	13.07	2 712	-9 501	0	53.28	SI									
75.0%	RAR	0.058	17.43	6 183	1 527	0	NS	SI	RAR	0.179	360.00	6 183	1 527	0	NS	SI	
	QPR	0.016	13.07	2 712	286	0	NS	SI									
100.0%	RAR	0.747	17.43	4 552	29 427	0	23.31	SI	RAR	8.982	360.00	4 552	29 427	0	40.07	SI	
	QPR	0.627	13.07	2 712	24 817	0	20.85	SI									
Trave: Trave 34-35 FRC=0.01 cm																	
0%	RAR	0.817	17.43	3 846	32 294	0	21.34	SI	RAR	9.913	360.00	3 846	32 294	0	36.31	SI	
	QPR	0.681	13.07	4 745	26 719	0	19.20	SI									
25.0%	RAR	0.170	17.43	9 973	-5 543	0	NS	SI	RAR	1.357	360.00	3 017	-4 807	0	NS	SI	

Travi - verifiche delle tensioni di esercizio																	
%LLI Tp _{mf}	Compressione calcestruzzo								Trazione acciaio								
	Compressione calcestruzzo rinforzo								Trazione acciaio/FRP rinforzo								
	Id _{Cmb}	σ _{cc}	σ _{cd,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato	Id _{Cmb}	σ _{at}	σ _{td,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato	
[%]		[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]				[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]			
50.0%	QPR	0.116	13.07	4 745	-4 036	0	NS	SI									
	RAR	0.432	17.43	7 981	-18 562	0	40.31	SI	RAR	5.415	360.00	3 807	-18 594	0	66.48	SI	
	QPR	0.363	13.07	4 745	-15 874	0	35.97	SI									
75.0%	RAR	0.260	17.43	3 846	-9 936	0	67.08	SI	RAR	2.921	360.00	3 846	-9 936	0	NS	SI	
	QPR	0.207	13.07	4 745	-7 693	0	63.19	SI									
100.0%	RAR	0.666	17.43	9 973	25 437	0	26.18	SI	RAR	7.630	360.00	7 981	25 634	0	47.18	SI	
	QPR	0.552	13.07	4 745	21 542	0	23.69	SI									
Trave: Trave 35-36				FRC=0.00 cm													
0%	RAR	0.721	17.43	2 579	28 632	0	24.16	SI	RAR	8.829	360.00	2 579	28 632	0	40.77	SI	
	QPR	0.613	13.07	3 408	24 167	0	21.33	SI									
25.0%	RAR	0.121	17.43	2 285	4 564	0	NS	SI	RAR	1.317	360.00	2 285	4 564	0	NS	SI	
	QPR	0.084	13.07	3 408	2 922	0	NS	SI									
50.0%	RAR	0.162	17.43	7 651	-5 503	0	NS	SI	RAR	1.679	360.00	632	-5 467	0	NS	SI	
	QPR	0.145	13.07	3 408	-5 372	0	90.31	SI									
75.0%	RAR	0.084	17.43	2 285	-3 062	0	NS	SI	RAR	0.847	360.00	2 285	-3 062	0	NS	SI	
	QPR	0.056	13.07	3 408	-1 812	0	NS	SI									
100.0%	RAR	0.388	17.43	7 651	14 609	0	44.87	SI	RAR	4.199	360.00	7 651	14 609	0	85.74	SI	
	QPR	0.322	13.07	3 408	12 493	0	40.58	SI									
Trave: Trave 36-39				FRC=0.01 cm													
0%	RAR	0.626	17.43	6 876	24 258	0	27.83	SI	RAR	7.253	360.00	6 876	24 258	0	49.63	SI	
	QPR	0.527	13.07	5 928	20 406	0	24.79	SI									
25.0%	RAR	0.100	17.43	9 642	-3 189	0	NS	SI	RAR	0.543	360.00	2 919	-2 253	0	NS	SI	
	QPR	0.064	13.07	5 928	-2 079	0	NS	SI									
50.0%	RAR	0.348	17.43	8 691	-12 842	0	50.11	SI	RAR	3.760	360.00	4 658	-12 743	0	95.75	SI	
	QPR	0.305	13.07	5 928	-11 464	0	42.92	SI									
75.0%	RAR	0.298	17.43	6 876	-11 063	0	58.56	SI	RAR	3.127	360.00	6 876	-11 063	0	NS	SI	
	QPR	0.239	13.07	5 928	-8 845	0	54.61	SI									
100.0%	RAR	0.176	17.43	9 642	5 819	0	99.05	SI	RAR	1.354	360.00	9 642	5 819	0	NS	SI	
	QPR	0.135	13.07	5 928	4 672	0	96.52	SI									
Trave: Trave 39-40				FRC=0.00 cm													
0%	RAR	0.340	17.43	9 025	12 468	0	51.33	SI	RAR	3.463	360.00	9 025	12 468	0	NS	SI	
	QPR	0.276	13.07	7 086	10 155	0	47.41	SI									
25.0%	RAR	0.101	17.43	10 598	-2 696	0	NS	SI	RAR	0.374	360.00	3 432	-1 726	0	NS	SI	
	QPR	0.066	13.07	7 086	-1 754	0	NS	SI									
50.0%	RAR	0.045	17.43	9 852	608	0	NS	SI	RAR	0.000	360.00	0	0	0	-	SI	
	QPR	0.037	13.07	7 086	-710	0	NS	SI									
75.0%	RAR	0.438	17.43	9 852	16 307	0	39.81	SI	RAR	4.679	360.00	5 552	15 820	0	76.94	SI	
	QPR	0.326	13.07	7 086	12 186	0	40.06	SI									
100.0%	RAR	1.113	17.43	9 852	43 427	0	15.65	SI	RAR	13.104	360.00	9 852	43 427	0	27.47	SI	
	QPR	0.915	13.07	7 086	35 827	0	14.28	SI									
Trave: Trave 40-41				FRC=0.02 cm													
0%	RAR	1.167	17.43	20 239	44 261	0	14.93	SI	RAR	12.863	360.00	20 239	44 261	0	27.98	SI	
	QPR	1.018	13.07	18 032	38 538	0	12.84	SI									
25.0%	RAR	0.405	17.43	20 433	-13 641	0	42.98	SI	RAR	3.279	360.00	20 433	-13 641	0	NS	SI	
	QPR	0.319	13.07	18 032	-10 482	0	40.96	SI									
50.0%	RAR	1.034	17.43	20 433	-38 863	0	16.86	SI	RAR	11.246	360.00	19 480	-38 973	0	32.01	SI	
	QPR	0.866	13.07	18 032	-32 436	0	15.09	SI									
75.0%	RAR	0.844	17.43	20 239	-31 265	0	20.65	SI	RAR	8.799	360.00	20 239	-31 265	0	40.91	SI	
	QPR	0.689	13.07	18 032	-25 345	0	18.96	SI									
100%	RAR	0.436	17.43	20 584	14 838	0	39.99	SI	RAR	3.646	360.00	20 584	14 838	0	98.74	SI	
	QPR	0.376	13.07	18 032	12 779	0	34.73	SI									
Piano copertura				Travata: Trave 37-38													
Trave: Trave 37-38				FRC=0.19 cm													
0%	RAR	7.441	17.43	48 524	97 453	0	2.34	SI	RAR	232.863	360.00	48 524	97 453	0	1.54	SI	
	QPR	6.108	13.07	42 223	79 934	0	2.14	SI									
25.0%	RAR	2.008	17.43	53 172	-41 141	0	8.67	SI	RAR	17.871	360.00	49 714	-41 352	0	20.14	SI	
	QPR	1.619	13.07	42 223	-33 209	0	8.07	SI									
50.0%	RAR	7.331	17.43	48 524	-88 298	0	2.37	SI	RAR	258.812	360.00	48 524	-88 298	0	1.39	SI	
	QPR	5.958	13.07	42 223	-71 728	0	2.19	SI									
75.0%	RAR	1.947	17.43	52 428	-39 812	0	8.95	SI	RAR	17.309	360.00	48 524	-40 087	0	20.79	SI	
	QPR	1.572	13.07	42 223	-32 159	0	8.31	SI									
100.0%	RAR	8.151	17.43	53 172	106 747	0	2.13	SI	RAR	256.441	360.00	49 714	106 769	0	1.40	SI	
	QPR	6.667	13.07	42 223	87 335	0	1.96	SI									
Piano copertura				Travata: Trave 1-9-18-26-33													
Trave: Trave 1-9				FRC=0.00 cm													
0%	RAR	0.409	17.43	15 397	14 447	0	42.57	SI	RAR	3.774	360.00	15 397	14 447	0	95.39	SI	
	QPR	0.320	13.07	13 629	11 105	0	40.79	SI									
25.0%	RAR	0.089	17.43	16 252	-1 459	0	NS	SI	RAR	0.000	360.00	0	0	0	-	SI	
	QPR	0.064	13.07	13 629	-799	0	NS	SI									
50.0%	RAR	0.175	17.43	16 950	-4 816	0	99.87	SI	RAR	0.933	360.00	12 408	-4 900	0	NS	SI	
	QPR	0.163	13.07	13 629	-4 801	0	79.98	SI									
75.0%	RAR	0.104	17.43	15 397	-2 190	0	NS	SI	RAR	0.000	360.00	0	0	0	-	SI	
	QPR	0.066	13.07	13 629	-903	0	NS	SI									
100%	RAR	0.352	17.43	16 311	12 031	0	49.49	SI	RAR	3.007	360.00	12 408	11 532	0	NS	SI	
	QPR	0.315	13.07	13 629	10 901	0	41.45	SI									
Trave: Trave 9-18				FRC=0.00 cm													
0%	RAR	0.396	17.43	15 590	13 901	0	43.97	SI	RAR	3.594	360.00	15 590	13 901	0	NS	SI	
	QPR	0.312	13.07	11 523	11 042	0	41.88	SI									
25.0%	RAR	0.113	17.43	12 599	-2 893	0	NS	SI	RAR	0.296	360.00	12 599	-2 893	0	NS	SI	
	QPR	0.078	13.07	11 523	-1 635	0	NS	SI									
50.0%	RAR	0.181	17.43	16 088	-6 001	0	96.17	SI	RAR	1.314	360.00	9 730	-5 861	0	NS	SI	
	QPR	0.164	13.07	11 523	-5 843	0	79.83	SI									
75.0%	RAR	0.127	17.43	15 590	-3 075	0	NS	SI	RAR	0.219	360.00	12 342	-2 608	0	NS	SI	
	QPR																

Travi - verifiche delle tensioni di esercizio																	
%LLI Tp _{mf}	Compressione calcestruzzo Compressione calcestruzzo rinforzo								Trazione acciaio Trazione acciaio/FRP rinforzo								
	Id _{cmb}	σ _{cc}	σ _{cd,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato	Id _{cmb}	σ _{at}	σ _{td,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato	
[%]		[N/mm²]	[N/mm²]	[N]	[N-m]	[N-m]					[N/mm²]	[N/mm²]	[N]	[N-m]	[N-m]		
100.0%	QPR	0.076	13.07	11 523	-1 580	0	NS	SI									
	RAR	0.370	17.43	12 661	13 212	0	47.13	SI	RAR	3.520	360.00	12 661	13 212	0	NS	SI	
	QPR	0.315	13.07	11 523	11 152	0	41.52	SI									
Trave: Trave 18-26				FRC=0.00 cm													
0%	RAR	0.476	17.43	17 877	16 806	0	36.61	SI	RAR	4.538	360.00	14 024	16 680	0	79.32	SI	
	QPR	0.395	13.07	11 701	14 362	0	33.06	SI									
25.0%	RAR	0.076	17.43	17 877	735	0	NS	SI	RAR	0.000	360.00	0	0	0	-	SI	
	QPR	0.044	13.07	11 701	-262	0	NS	SI									
50.0%	RAR	0.238	17.43	17 877	-7 251	0	73.19	SI	RAR	1.674	360.00	9 347	-6 796	0	NS	SI	
	QPR	0.207	13.07	11 701	-6 798	0	63.16	SI									
75.0%	RAR	0.235	17.43	17 877	-7 144	0	74.02	SI	RAR	1.504	360.00	13 963	-6 967	0	NS	SI	
	QPR	0.168	13.07	11 701	-5 244	0	77.68	SI									
100%	RAR	0.217	17.43	11 193	7 248	0	80.49	SI	RAR	1.726	360.00	11 193	7 248	0	NS	SI	
	QPR	0.147	13.07	11 701	4 400	0	88.77	SI									
Trave: Trave 26-33				FRC=0.00 cm													
0%	RAR	0.230	17.43	6 059	-8 466	0	75.67	SI	RAR	2.497	360.00	774	-8 105	0	NS	SI	
	QPR	0.178	13.07	2 204	-6 876	0	73.30	SI									
25.0%	RAR	0.170	17.43	6 059	-6 051	0	NS	SI	RAR	1.773	360.00	774	-5 791	0	NS	SI	
	QPR	0.128	13.07	2 204	-4 865	0	NS	SI									
49.9%	RAR	0.105	17.43	8 070	-3 162	0	NS	SI	RAR	0.982	360.00	774	-3 261	0	NS	SI	
	QPR	0.073	13.07	2 204	-2 642	0	NS	SI									
75.1%	RAR	0.039	17.43	8 070	-523	0	NS	SI	RAR	0.168	360.00	-739	-422	0	NS	SI	
	QPR	0.012	13.07	2 204	-205	0	NS	SI									
100%	RAR	0.084	17.43	8 070	2 334	0	NS	SI	RAR	0.930	360.00	-67	2 964	0	NS	SI	
	QPR	0.068	13.07	2 204	2 443	0	NS	SI									
Piano copertura				Travata: Trave 5-13-22-30-39													
Trave: Trave 5-13				FRC=0.00 cm													
0%	RAR	0.565	17.43	22 793	19 755	0	30.83	SI	RAR	5.076	360.00	22 793	19 755	0	70.91	SI	
	QPR	0.423	13.07	19 865	14 422	0	30.89	SI									
25.0%	RAR	0.151	17.43	22 793	3 127	0	NS	SI	RAR	0.000	360.00	0	0	0	-	SI	
	QPR	0.070	13.07	19 865	230	0	NS	SI									
50.0%	RAR	0.229	17.43	26 879	-5 708	0	76.21	SI	RAR	0.800	360.00	17 853	-5 315	0	NS	SI	
	QPR	0.190	13.07	19 865	-5 066	0	68.75	SI									
75.0%	RAR	0.141	17.43	22 793	-2 718	0	NS	SI	RAR	0.000	360.00	0	0	0	-	SI	
	QPR	0.101	13.07	19 865	-1 471	0	NS	SI									
100%	RAR	0.404	17.43	26 879	12 745	0	43.15	SI	RAR	2.687	360.00	26 879	12 745	0	NS	SI	
	QPR	0.338	13.07	19 865	11 009	0	38.66	SI									
Trave: Trave 13-22				FRC=0.00 cm													
0%	RAR	0.394	17.43	25 621	12 514	0	44.22	SI	RAR	2.819	360.00	23 943	12 713	0	NS	SI	
	QPR	0.321	13.07	21 228	10 142	0	40.73	SI									
25.0%	RAR	0.254	17.43	27 068	-6 683	0	68.73	SI	RAR	0.855	360.00	26 245	-6 789	0	NS	SI	
	QPR	0.186	13.07	21 228	-4 724	0	70.28	SI									
50.0%	RAR	0.318	17.43	25 804	-10 890	0	54.72	SI	RAR	2.311	360.00	18 041	-10 451	0	NS	SI	
	QPR	0.277	13.07	21 228	-9 650	0	47.16	SI									
75.0%	RAR	0.241	17.43	25 621	-6 370	0	72.28	SI	RAR	0.894	360.00	23 943	-6 558	0	NS	SI	
	QPR	0.184	13.07	21 228	-4 629	0	71.18	SI									
100.0%	RAR	0.396	17.43	26 245	12 501	0	44.03	SI	RAR	2.641	360.00	26 245	12 501	0	NS	SI	
	QPR	0.326	13.07	21 228	10 330	0	40.14	SI									
Trave: Trave 22-30				FRC=-0.01 cm													
0%	RAR	0.317	17.43	33 815	8 349	0	55.01	SI	RAR	1.001	360.00	32 731	8 258	0	NS	SI	
	QPR	0.264	13.07	25 613	7 308	0	49.42	SI									
25.0%	RAR	0.212	17.43	33 815	4 153	0	82.09	SI	RAR	0.000	360.00	0	0	0	-	SI	
	QPR	0.151	13.07	25 613	2 770	0	86.31	SI									
50.0%	RAR	0.396	17.43	32 679	11 674	0	44.02	SI	RAR	2.452	360.00	26 084	11 870	0	NS	SI	
	QPR	0.286	13.07	25 613	8 168	0	45.72	SI									
75.0%	RAR	0.841	17.43	29 658	31 561	0	20.72	SI	RAR	7.273	360.00	29 658	31 561	0	49.49	SI	
	QPR	0.637	13.07	25 613	23 515	0	20.50	SI									
100%	RAR	1.628	17.43	29 658	61 521	0	10.70	SI	RAR	17.805	360.00	29 658	61 521	0	20.21	SI	
	QPR	1.298	13.07	25 613	48 804	0	10.07	SI									
Trave: Trave 30-39				FRC=0.06 cm													
0%	RAR	2.602	17.43	41 285	99 136	0	6.69	SI	RAR	29.074	360.00	34 071	98 239	0	12.38	SI	
	QPR	2.104	13.07	32 808	80 236	0	6.21	SI									
25.0%	RAR	1.185	17.43	35 909	-42 954	0	14.70	SI	RAR	11.697	360.00	35 909	-42 954	0	30.77	SI	
	QPR	0.954	13.07	32 808	-34 077	0	13.69	SI									
50.0%	RAR	2.475	17.43	41 801	-93 979	0	7.04	SI	RAR	27.800	360.00	34 071	-94 165	0	12.94	SI	
	QPR	1.998	13.07	32 808	-75 994	0	6.54	SI									
75.0%	RAR	1.578	17.43	41 801	-57 961	0	11.04	SI	RAR	16.455	360.00	34 071	-57 886	0	21.87	SI	
	QPR	1.239	13.07	32 808	-45 514	0	10.55	SI									
100.0%	RAR	1.742	17.43	35 909	65 317	0	10.00	SI	RAR	18.690	360.00	35 909	65 317	0	19.26	SI	
	QPR	1.461	13.07	32 808	54 437	0	8.94	SI									
Piano copertura				Travata: Trave 6-14-23-31-37-40													
Trave: Trave 6-14				FRC=0.04 cm													
0%	RAR	5.956	17.43	39 837	71 724	0	2.92	SI	RAR	210.043	360.00	39 837	71 724	0	1.71	SI	
	QPR	4.952	13.07	36 879	59 594	0	2.63	SI									
25.0%	RAR	1.201	17.43	48 287	-22 779	0	14.51	SI	RAR	9.032	360.00	39 339	-22 210	0	39.85	SI	
	QPR	0.983	13.07	36 879	-18 834	0	13.29	SI									
50.0%	RAR	2.405	17.43	48 287	-49 004	0	7.24	SI	RAR	22.243	360.00	39 339	-49 050	0	16.18	SI	
	QPR	2.016	13.07	36 879	-41 337	0	6.48	SI									
75.0%	RAR	0.604	17.43	39 837	-10 670	0	28.87	SI	RAR	3.327	360.00	39 699	-10 665	0	NS	SI	
	QPR	0.471	13.07	36 879	-7 910	0	27.75	SI									
100%	RAR	7.312	17.43	48 287	95 742	0	2.38	SI	RAR	228.636	360.00	39 339	94 465	0	1.57	SI	
	QPR	6.208	13.07	36 879	81 391	0	2.10	SI									
Trave: Trave 14-23				FRC=0.05 cm													

%LLI Tp _{mf}	Compressione calcestruzzo								Trazione acciaio							
	Compressione calcestruzzo rinforzo								Trazione acciaio/FRP rinforzo							
	Id _{Cmb}	σ _{cc}	σ _{cd,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato	Id _{Cmb}	σ _{at}	σ _{td,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato
[%]		[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]				[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]		
0%	RAR	7.560	17.43	40 610	99 196	0	2.30	SI	RAR	240.422	360.00	39 957	99 118	0	1.49	SI
	QPR	6.271	13.07	34 531	82 258	0	2.08	SI								
25.0%	RAR	0.742	17.43	46 309	-13 300	0	23.49	SI	RAR	4.369	360.00	44 490	-13 261	0	82.40	SI
	QPR	0.605	13.07	34 531	-11 086	0	21.59	SI								
50.0%	RAR	2.325	17.43	46 033	-52 596	0	7.49	SI	RAR	23.543	360.00	39 665	-52 594	0	15.29	SI
	QPR	1.964	13.07	34 531	-44 740	0	6.65	SI								
75.0%	RAR	1.223	17.43	40 610	-23 790	0	14.25	SI	RAR	9.756	360.00	39 957	-23 742	0	36.89	SI
	QPR	0.991	13.07	34 531	-19 171	0	13.19	SI								
100.0%	RAR	6.305	17.43	46 033	75 878	0	2.76	SI	RAR	220.322	360.00	46 033	75 878	0	1.63	SI
	QPR	5.334	13.07	34 531	64 253	0	2.45	SI								
Trave: Trave 23-31 FRC=-0.01 cm																
0%	RAR	1.960	17.43	20 162	41 288	0	8.89	SI	RAR	19.349	360.00	20 162	41 288	0	18.60	SI
	QPR	1.663	13.07	16 524	35 073	0	7.86	SI								
25.0%	RAR	0.784	17.43	20 162	15 660	0	22.24	SI	RAR	6.734	360.00	20 162	15 660	0	53.45	SI
	QPR	0.627	13.07	16 524	12 510	0	20.83	SI								
50.0%	RAR	0.153	17.43	23 787	1 938	0	NS	SI	RAR	0.108	360.00	19 053	2 042	0	NS	SI
	QPR	0.097	13.07	16 524	1 111	0	NS	SI								
75.0%	RAR	0.172	17.43	24 179	2 045	0	NS	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.093	13.07	16 524	871	0	NS	SI								
100%	RAR	0.771	17.43	22 832	15 199	0	22.60	SI	RAR	6.378	360.00	22 832	15 199	0	56.44	SI
	QPR	0.595	13.07	16 524	11 800	0	21.97	SI								
Trave: Trave 31-37 FRC=0.04 cm																
0%	RAR	1.624	17.43	27 548	33 451	0	10.73	SI	RAR	15.135	360.00	27 548	33 451	0	23.78	SI
	QPR	1.324	13.07	22 987	27 226	0	9.87	SI								
25.0%	RAR	1.009	17.43	29 843	-19 892	0	17.27	SI	RAR	8.350	360.00	29 843	-19 892	0	43.11	SI
	QPR	0.801	13.07	22 987	-15 833	0	16.32	SI								
50.0%	RAR	1.539	17.43	29 843	-34 849	0	11.32	SI	RAR	15.595	360.00	26 061	-34 819	0	23.08	SI
	QPR	1.259	13.07	22 987	-28 633	0	10.37	SI								
75.0%	RAR	0.735	17.43	27 548	-14 071	0	23.73	SI	RAR	5.595	360.00	27 548	-14 071	0	64.33	SI
	QPR	0.587	13.07	22 987	-11 168	0	22.28	SI								
100.0%	RAR	2.163	17.43	29 843	45 033	0	8.05	SI	RAR	20.725	360.00	29 843	45 033	0	17.37	SI
	QPR	1.751	13.07	22 987	36 544	0	7.46	SI								
Trave: Trave 37-40 FRC=0.00 cm																
0%	RAR	0.983	17.43	13 569	20 465	0	17.73	SI	RAR	9.418	360.00	13 569	20 465	0	38.22	SI
	QPR	0.799	13.07	9 748	16 730	0	16.35	SI								
25.0%	RAR	0.472	17.43	13 569	9 331	0	36.93	SI	RAR	3.998	360.00	10 329	9 136	0	90.04	SI
	QPR	0.380	13.07	9 748	7 606	0	34.35	SI								
50.0%	RAR	0.259	17.43	12 040	4 791	0	67.38	SI	RAR	1.777	360.00	12 040	4 791	0	NS	SI
	QPR	0.199	13.07	9 748	3 648	0	65.75	SI								
75.0%	RAR	0.333	17.43	11 974	6 419	0	52.31	SI	RAR	2.581	360.00	11 974	6 419	0	NS	SI
	QPR	0.228	13.07	9 748	4 282	0	57.35	SI								
100.0%	RAR	0.589	17.43	11 974	11 985	0	29.61	SI	RAR	5.321	360.00	11 974	11 985	0	67.65	SI
	QPR	0.408	13.07	9 748	8 199	0	32.06	SI								
Piano copertura Travata: Trave 8-16-17-25-32-38-41																
Trave: Trave 8-16 FRC=0.02 cm																
0%	RAR	1.497	17.43	41 701	54 710	0	11.64	SI	RAR	15.094	360.00	41 701	54 710	0	23.85	SI
	QPR	1.246	13.07	37 437	45 205	0	10.48	SI								
25.0%	RAR	1.129	17.43	45 868	-39 400	0	15.44	SI	RAR	10.105	360.00	45 868	-39 400	0	35.62	SI
	QPR	0.937	13.07	37 437	-32 785	0	13.95	SI								
50.0%	RAR	1.806	17.43	45 868	-66 605	0	9.64	SI	RAR	18.778	360.00	40 638	-66 328	0	19.17	SI
	QPR	1.523	13.07	37 437	-56 319	0	8.58	SI								
75.0%	RAR	0.916	17.43	41 701	-31 385	0	19.03	SI	RAR	7.800	360.00	41 701	-31 385	0	46.15	SI
	QPR	0.753	13.07	37 437	-25 388	0	17.36	SI								
100%	RAR	1.884	17.43	45 868	69 717	0	9.25	SI	RAR	19.585	360.00	45 868	69 717	0	18.38	SI
	QPR	1.613	13.07	37 437	59 951	0	8.10	SI								
Trave: Trave 16-17 FRC=0.00 cm																
0%	RAR	1.155	17.43	25 973	43 027	0	15.08	SI	RAR	12.200	360.00	25 973	43 027	0	29.50	SI
	QPR	0.894	13.07	19 849	33 334	0	14.62	SI								
25.0%	RAR	0.447	17.43	25 973	14 583	0	39.01	SI	RAR	3.306	360.00	25 973	14 583	0	NS	SI
	QPR	0.319	13.07	19 849	10 242	0	40.98	SI								
50.0%	RAR	0.116	17.43	25 445	-1 717	0	NS	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.084	13.07	19 849	-1 061	0	NS	SI								
75.0%	RAR	0.113	17.43	26 190	-1 168	0	NS	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.077	13.07	19 849	-534	0	NS	SI								
100.0%	RAR	0.411	17.43	25 445	13 220	0	42.39	SI	RAR	2.943	360.00	21 137	12 675	0	NS	SI
	QPR	0.358	13.07	19 849	11 807	0	36.52	SI								
Trave: Trave 17-25 FRC=0.00 cm																
0%	RAR	0.228	17.43	20 961	6 453	0	76.38	SI	RAR	1.071	360.00	17 929	6 193	0	NS	SI
	QPR	0.195	13.07	16 682	5 662	0	67.13	SI								
25.0%	RAR	0.381	17.43	22 916	-12 317	0	45.80	SI	RAR	2.814	360.00	19 744	-12 050	0	NS	SI
	QPR	0.277	13.07	16 682	-8 985	0	47.11	SI								
50.0%	RAR	0.460	17.43	22 776	-15 519	0	37.90	SI	RAR	3.868	360.00	19 744	-15 418	0	93.08	SI
	QPR	0.346	13.07	16 682	-11 729	0	37.80	SI								
75.0%	RAR	0.206	17.43	22 776	-5 335	0	84.53	SI	RAR	0.627	360.00	19 744	-5 054	0	NS	SI
	QPR	0.121	13.07	16 682	-2 699	0	NS	SI								
100%	RAR	0.603	17.43	22 228	21 327	0	28.92	SI	RAR	5.595	360.00	22 228	21 327	0	64.33	SI
	QPR	0.501	13.07	16 682	17 968	0	26.08	SI								
Trave: Trave 25-32 FRC=0.00 cm																
0%	RAR	1.120	17.43	31 989	40 832	0	15.56	SI	RAR	11.223	360.00	31 989	40 832	0	32.07	SI
	QPR	0.921	13.07	23 448	33 942	0	14.19	SI								
25.0%	RAR	0.437	17.43	31 989	14 253	0	39.89	SI	RAR	2.479	360.00	29 486	14 016	0	NS	SI
	QPR	0.325	13.07	23 448	10 665	0	40.16	SI								
50.0%	RAR	0.132	17.43	29 581	-1 743	0	NS	SI	RAR	0.000	360.00	0	0	0	-	SI

Travi - verifiche delle tensioni di esercizio																	
%LLI Tp _{mf}	Compressione calcestruzzo Compressione calcestruzzo rinforzo								Trazione acciaio Trazione acciaio/FRP rinforzo								
	Id _{cmb}	σ _{cc}	σ _{cd,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato	Id _{cmb}	σ _{at}	σ _{td,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato	
[%]		[N/mm²]	[N/mm²]	[N]	[N-m]	[N-m]					[N/mm²]	[N/mm²]	[N]	[N-m]	[N-m]		
75.0%	QPR	0.117	13.07	23 448	-1 884	0	NS	SI									
	RAR	0.206	17.43	31 989	-4 140	0	84.56	SI	RAR	0.000	360.00	0	0	0	-	SI	
	QPR	0.140	13.07	23 448	-2 595	0	93.28	SI									
100%	RAR	0.373	17.43	29 245	11 179	0	46.78	SI	RAR	2.083	360.00	29 245	11 179	0	NS	SI	
	QPR	0.315	13.07	23 448	9 629	0	41.46	SI									
Trave: Trave 32-38 FRC=0.01 cm																	
0%	RAR	0.324	17.43	29 204	-9 247	0	53.74	SI	RAR	1.481	360.00	29 204	-9 247	0	NS	SI	
	QPR	0.153	13.07	22 697	-3 190	0	85.70	SI									
25.0%	RAR	0.519	17.43	29 204	-17 080	0	33.55	SI	RAR	3.930	360.00	29 204	-17 080	0	91.59	SI	
	QPR	0.403	13.07	22 697	-13 233	0	32.46	SI									
50.0%	RAR	0.399	17.43	28 786	-14 120	0	43.72	SI	RAR	2.955	360.00	27 670	-14 068	0	NS	SI	
	QPR	0.342	13.07	22 697	-12 394	0	38.22	SI									
75.0%	RAR	0.158	17.43	29 204	2 560	0	NS	SI	RAR	0.000	360.00	0	0	0	-	SI	
	QPR	0.084	13.07	22 697	432	0	NS	SI									
100%	RAR	0.906	17.43	29 204	32 595	0	19.24	SI	RAR	8.782	360.00	27 108	32 272	0	40.99	SI	
	QPR	0.729	13.07	22 697	26 341	0	17.93	SI									
Trave: Trave 38-41 FRC=0.00 cm																	
0%	RAR	0.231	17.43	7 629	-8 298	0	75.38	SI	RAR	2.226	360.00	7 629	-8 298	0	NS	SI	
	QPR	0.108	13.07	6 293	-3 515	0	NS	SI									
25.0%	RAR	0.312	17.43	7 629	-11 524	0	55.94	SI	RAR	3.235	360.00	7 629	-11 524	0	NS	SI	
	QPR	0.235	13.07	6 293	-8 607	0	55.72	SI									
50.0%	RAR	0.261	17.43	7 700	-9 477	0	66.83	SI	RAR	2.619	360.00	7 168	-9 482	0	NS	SI	
	QPR	0.224	13.07	6 293	-8 162	0	58.48	SI									
75.0%	RAR	0.081	17.43	7 640	-2 253	0	NS	SI	RAR	0.335	360.00	7 640	-2 253	0	NS	SI	
	QPR	0.064	13.07	6 293	-1 748	0	NS	SI									
100.0%	RAR	0.404	17.43	7 629	15 230	0	43.16	SI	RAR	4.413	360.00	7 331	15 245	0	81.57	SI	
	QPR	0.296	13.07	6 293	11 058	0	44.21	SI									
Piano copertura Travata: Trave 27-34																	
Trave: Trave 27-34 FRC=0.00 cm																	
0%	RAR	1.221	17.43	-1 944	26 987	0	14.27	SI	RAR	12.987	360.00	-1 944	26 987	0	27.72	SI	
	QPR	0.708	13.07	-3 025	15 776	0	18.46	SI									
25.0%	RAR	0.655	17.43	-1 944	14 529	0	26.62	SI	RAR	7.035	360.00	-1 944	14 529	0	51.17	SI	
	QPR	0.328	13.07	-3 025	7 428	0	39.82	SI									
50.0%	RAR	0.186	17.43	-1 944	4 180	0	93.92	SI	RAR	2.151	360.00	-1 944	4 180	0	NS	SI	
	QPR	0.038	13.07	-3 025	1 030	0	NS	SI									
75.0%	RAR	0.201	17.43	1 347	-4 286	0	86.69	SI	RAR	2.169	360.00	-7 119	-3 708	0	NS	SI	
	QPR	0.147	13.07	-3 025	-3 417	0	88.87	SI									
100%	RAR	0.461	17.43	-1 944	-10 181	0	37.80	SI	RAR	5.105	360.00	-1 944	-10 181	0	70.51	SI	
	QPR	0.262	13.07	-3 025	-5 914	0	49.95	SI									
Piano copertura Travata: Trave 28-35																	
Trave: Trave 28-35 FRC=0.01 cm																	
0%	RAR	2.135	17.43	4 046	46 235	0	8.16	SI	RAR	22.563	360.00	4 046	46 235	0	15.95	SI	
	QPR	1.509	13.07	2 845	32 675	0	8.66	SI									
25.0%	RAR	0.486	17.43	4 046	10 313	0	35.83	SI	RAR	4.886	360.00	3 835	10 303	0	73.67	SI	
	QPR	0.199	13.07	2 845	4 146	0	65.54	SI									
50.0%	RAR	0.634	17.43	2 793	-13 622	0	27.48	SI	RAR	6.570	360.00	2 793	-13 622	0	54.79	SI	
	QPR	0.496	13.07	2 845	-10 601	0	26.37	SI									
75.0%	RAR	0.701	17.43	6 483	-14 811	0	24.87	SI	RAR	7.050	360.00	4 046	-14 719	0	51.06	SI	
	QPR	0.540	13.07	2 845	-11 569	0	24.20	SI									
100%	RAR	0.246	17.43	1 730	5 237	0	70.87	SI	RAR	2.494	360.00	1 730	5 237	0	NS	SI	
	QPR	0.066	13.07	2 845	1 240	0	NS	SI									
Piano copertura Travata: Trave 29-36																	
Trave: Trave 29-36 FRC=0.04 cm																	
0%	RAR	6.874	17.43	31 227	90 333	0	2.53	SI	RAR	221.114	360.00	31 227	90 333	0	1.62	SI	
	QPR	5.406	13.07	23 834	71 054	0	2.41	SI									
25.0%	RAR	0.401	17.43	25 137	-7 170	0	43.52	SI	RAR	2.311	360.00	25 137	-7 170	0	NS	SI	
	QPR	0.239	13.07	23 834	-3 639	0	54.81	SI									
50.0%	RAR	2.062	17.43	27 408	-43 004	0	8.45	SI	RAR	19.844	360.00	27 408	-43 004	0	18.14	SI	
	QPR	1.653	13.07	23 834	-34 344	0	7.90	SI									
75.0%	RAR	1.345	17.43	31 202	-27 125	0	12.95	SI	RAR	11.844	360.00	31 202	-27 125	0	30.39	SI	
	QPR	1.044	13.07	23 834	-21 066	0	12.52	SI									
100%	RAR	2.052	17.43	27 408	42 797	0	8.49	SI	RAR	19.742	360.00	27 408	42 797	0	18.23	SI	
	QPR	1.608	13.07	23 834	33 357	0	8.13	SI									
Piano terra Travata: Trave 1-2-3-4-5-6-7-8																	
Trave: Trave 1-2 FRC=0.01 cm																	
0%	RAR	0.201	17.43	-8 567	9 171	0	86.80	SI	RAR	3.282	360.00	-8 567	9 171	0	NS	SI	
	QPR	0.129	13.07	-5 567	5 883	0	NS	SI									
25.0%	RAR	0.505	17.43	-1 395	-20 454	0	34.52	SI	RAR	6.463	360.00	-1 395	-20 454	0	55.69	SI	
	QPR	0.426	13.07	-5 567	-17 827	0	30.68	SI									
50.0%	RAR	0.508	17.43	-3 305	-20 829	0	34.30	SI	RAR	6.841	360.00	-7 993	-20 642	0	52.62	SI	
	QPR	0.482	13.07	-5 567	-20 080	0	27.11	SI									
75.0%	RAR	0.033	17.43	-8 666	-2 438	0	NS	SI	RAR	1.181	360.00	-8 666	-2 438	0	NS	SI	
	QPR	0.004	13.07	-5 567	-873	0	NS	SI									
100%	RAR	1.097	17.43	-1 296	44 205	0	15.89	SI	RAR	13.886	360.00	-1 296	44 205	0	25.92	SI	
	QPR	0.973	13.07	-5 567	39 781	0	13.43	SI									
Trave: Trave 2-3 FRC=0.00 cm																	
0%	RAR	0.788	17.43	-6 772	32 528	0	22.11	SI	RAR	10.499	360.00	-6 772	32 528	0	34.28	SI	
	QPR	0.720	13.07	-4 665	29 511	0	18.15	SI									
25.0%	RAR	0.138	17.43	-1 997	-5 791	0	NS	SI	RAR	1.907	360.00	-1 997	-5 791	0	NS	SI	
	QPR	0.063	13.07	-4 665	-3 133	0	NS	SI									
50.0%	RAR	0.304	17.43	-3 251	-14 276	0	57.39	SI	RAR	4.615	360.00	-6 942	-14 287	0	78.01	SI	
	QPR	0.290	13.07	-4 665	-13 859	0	45.04	SI									
75.0%	RAR	0.082	17.43	-6 872	-4 177	0	NS	SI	RAR	1.638	360.00	-6 872	-4 177	0	NS	SI	
	QPR																

Travi - verifiche delle tensioni di esercizio																	
%LLI Tp _{mf}	Compressione calcestruzzo Compressione calcestruzzo rinforzo								Verific ato	Trazione acciaio Trazione acciaio/FRP rinforzo							
	IdCmb	σ _{cc}	σ _{cd,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	IdCmb		σ _{at}	σ _{td,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato	
[%]		[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]				[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]			
100%	QPR	0.051	13.07	-4 665	-2 651	0	NS	SI									
	RAR	0.881	17.43	-1 897	35 641	0	19.77	SI	RAR	11.237	360.00	-1 897	35 641	0	32.03	SI	
	QPR	0.744	13.07	-4 665	30 478	0	17.57	SI									
Trave: Trave 3-4				FRC=0.00 cm													
0%	RAR	0.697	17.43	-5 248	28 668	0	25.00	SI	RAR	9.218	360.00	-5 248	28 668	0	39.05	SI	
	QPR	0.628	13.07	-4 031	25 724	0	20.82	SI									
25.0%	RAR	0.186	17.43	-2 715	-7 830	0	93.58	SI	RAR	2.580	360.00	-2 715	-7 830	0	NS	SI	
	QPR	0.116	13.07	-4 031	-5 196	0	NS	SI									
50.0%	RAR	0.350	17.43	-3 344	-14 494	0	49.77	SI	RAR	4.828	360.00	-5 962	-14 519	0	74.56	SI	
	QPR	0.341	13.07	-4 031	-14 196	0	38.38	SI									
75.0%	RAR	0.048	17.43	-5 348	-2 612	0	NS	SI	RAR	1.075	360.00	-5 348	-2 612	0	NS	SI	
	QPR	0.018	13.07	-4 031	-1 261	0	NS	SI									
100.0%	RAR	0.964	17.43	-2 615	39 044	0	18.08	SI	RAR	12.336	360.00	-2 615	39 044	0	29.18	SI	
	QPR	0.823	13.07	-4 031	33 590	0	15.87	SI									
Trave: Trave 4-5				FRC=0.01 cm													
0%	RAR	0.848	17.43	-3 814	34 532	0	20.56	SI	RAR	10.983	360.00	-3 814	34 532	0	32.77	SI	
	QPR	0.770	13.07	-3 636	31 410	0	16.96	SI									
25.0%	RAR	0.117	17.43	-3 942	-5 225	0	NS	SI	RAR	1.824	360.00	-3 942	-5 225	0	NS	SI	
	QPR	0.052	13.07	-3 636	-2 562	0	NS	SI									
50.0%	RAR	0.367	17.43	-3 875	-15 243	0	47.47	SI	RAR	4.954	360.00	-3 875	-15 243	0	72.67	SI	
	QPR	0.352	13.07	-3 636	-14 614	0	37.11	SI									
75.0%	RAR	0.134	17.43	-3 914	-5 878	0	NS	SI	RAR	2.027	360.00	-3 914	-5 878	0	NS	SI	
	QPR	0.106	13.07	-3 636	-4 733	0	NS	SI									
100%	RAR	0.764	17.43	-3 842	31 179	0	22.81	SI	RAR	9.935	360.00	-3 842	31 179	0	36.23	SI	
	QPR	0.663	13.07	-3 636	27 079	0	19.72	SI									
Trave: Trave 5-6				FRC=0.01 cm													
0%	RAR	0.893	17.43	-8 549	36 976	0	19.51	SI	RAR	11.975	360.00	-8 549	36 976	0	30.06	SI	
	QPR	0.819	13.07	-8 005	33 932	0	15.95	SI									
25.0%	RAR	0.039	17.43	-9 494	-2 806	0	NS	SI	RAR	1.336	360.00	-9 494	-2 806	0	NS	SI	
	QPR	0.020	13.07	-8 005	-1 826	0	NS	SI									
50.0%	RAR	0.357	17.43	-8 463	-16 131	0	48.76	SI	RAR	4.862	360.00	-10 097	-16 066	0	74.03	SI	
	QPR	0.347	13.07	-8 005	-15 653	0	37.62	SI									
75.0%	RAR	0.199	17.43	-8 649	-9 105	0	87.63	SI	RAR	3.265	360.00	-8 649	-9 105	0	NS	SI	
	QPR	0.162	13.07	-8 005	-7 548	0	80.60	SI									
100%	RAR	0.591	17.43	-9 394	24 928	0	29.51	SI	RAR	8.249	360.00	-9 394	24 928	0	43.64	SI	
	QPR	0.534	13.07	-8 005	22 490	0	24.46	SI									
Trave: Trave 6-7				FRC=0.00 cm													
0%	RAR	0.305	17.43	-5 278	12 936	0	57.12	SI	RAR	4.300	360.00	-5 278	12 936	0	83.71	SI	
	QPR	0.300	13.07	-5 265	12 729	0	43.57	SI									
25.0%	RAR	0.328	17.43	-6 448	-14 014	0	53.10	SI	RAR	4.694	360.00	-6 448	-14 014	0	76.69	SI	
	QPR	0.259	13.07	-5 265	-11 084	0	50.46	SI									
50.0%	RAR	0.317	17.43	-5 021	-13 365	0	55.04	SI	RAR	4.494	360.00	-6 205	-13 413	0	80.10	SI	
	QPR	0.306	13.07	-5 265	-12 968	0	42.72	SI									
75.0%	RAR	0.222	17.43	-6 348	9 726	0	78.59	SI	RAR	3.348	360.00	-6 348	9 726	0	NS	SI	
	QPR	0.159	13.07	-5 265	7 083	0	81.99	SI									
100%	RAR	1.341	17.43	-6 348	54 684	0	12.99	SI	RAR	17.407	360.00	-6 348	54 684	0	20.68	SI	
	QPR	1.205	13.07	-5 265	49 052	0	10.85	SI									
Trave: Trave 7-8				FRC=0.01 cm													
0%	RAR	1.388	17.43	-8 323	56 832	0	12.55	SI	RAR	18.174	360.00	-8 323	56 832	0	19.80	SI	
	QPR	1.286	13.07	-7 627	52 642	0	10.16	SI									
25.0%	RAR	0.172	17.43	-8 285	7 989	0	NS	SI	RAR	2.898	360.00	-8 285	7 989	0	NS	SI	
	QPR	0.124	13.07	-7 627	5 965	0	NS	SI									
50.0%	RAR	0.448	17.43	-8 511	-19 099	0	38.88	SI	RAR	6.407	360.00	-9 113	-19 080	0	56.19	SI	
	QPR	0.439	13.07	-7 627	-18 596	0	29.81	SI									
75.0%	RAR	0.551	17.43	-8 397	-23 205	0	31.64	SI	RAR	7.662	360.00	-8 397	-23 205	0	46.98	SI	
	QPR	0.499	13.07	-7 627	-21 038	0	26.17	SI									
100.0%	RAR	0.107	17.43	-8 397	-5 375	0	NS	SI	RAR	2.086	360.00	-8 397	-5 375	0	NS	SI	
	QPR	0.009	13.07	-7 627	-1 356	0	NS	SI									
Piano terra									Travata: Trave 9-10-11-12-13-14-15-16								
Trave: Trave 9-10				FRC=0.02 cm													
0%	RAR	0.271	17.43	1 563	5 801	0	64.25	SI	RAR	2.780	360.00	1 563	5 801	0	NS	SI	
	QPR	0.152	13.07	4 509	3 000	0	85.88	SI									
25.0%	RAR	0.803	17.43	21 929	-15 962	0	21.70	SI	RAR	6.993	360.00	17 233	-15 898	0	51.48	SI	
	QPR	0.571	13.07	4 509	-12 121	0	22.90	SI									
50.0%	RAR	0.772	17.43	15 686	-15 724	0	22.57	SI	RAR	7.291	360.00	419	-14 854	0	49.37	SI	
	QPR	0.626	13.07	4 509	-13 327	0	20.87	SI									
75.0%	RAR	0.082	17.43	21 929	249	0	NS	SI	RAR	0.692	360.00	-1 609	-1 248	0	NS	SI	
	QPR	0.043	13.07	4 509	-623	0	NS	SI									
100%	RAR	1.445	17.43	15 686	30 374	0	12.06	SI	RAR	14.193	360.00	15 686	30 374	0	25.36	SI	
	QPR	1.206	13.07	4 509	25 951	0	10.84	SI									
Trave: Trave 10-11				FRC=0.01 cm													
0%	RAR	1.124	17.43	171	24 489	0	15.50	SI	RAR	12.046	360.00	171	24 489	0	29.88	SI	
	QPR	0.994	13.07	2 196	21 501	0	13.15	SI									
25.0%	RAR	0.101	17.43	16 210	-1 073	0	NS	SI	RAR	0.506	360.00	-4 487	-587	0	NS	SI	
	QPR	0.036	13.07	2 196	-623	0	NS	SI									
50.0%	RAR	0.437	17.43	11 272	-9 680	0	39.92	SI	RAR	4.790	360.00	-1 146	-9 822	0	75.14	SI	
	QPR	0.363	13.07	2 196	-8 571	0	36.04	SI									
75.0%	RAR	0.135	17.43	171	-2 932	0	NS	SI	RAR	1.557	360.00	-2 292	-2 939	0	NS	SI	
	QPR	0.112	13.07	2 196	-2 296	0	NS	SI									
100%	RAR	1.021	17.43	11 272	21 465	0	17.06	SI	RAR	10.124	360.00	-1 146	20 456	0	35.55	SI	
	QPR	0.840	13.07	2 196	18 153	0	15.55	SI									
Trave: Trave 11-12				FRC=0.01 cm													
0%	RAR	0.924	17.43	-562	20 173	0	18.86	SI	RAR	9.957	360.00	-562	20 173	0	36.15	SI	

Travi - verifiche delle tensioni di esercizio																		
%LLI Tp _{mf}	Compressione calcestruzzo								Trazione acciaio									
	Compressione calcestruzzo rinforzo								Trazione acciaio/FRP rinforzo									
	Id _{Cmb}	σ _{cc}	σ _{cd,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato	Id _{Cmb}	σ _{at}	σ _{td,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato		
[%]		[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]				[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]				
25.0%	QPR	0.792	13.07	854	17 196	0	16.50	SI										
	RAR	0.218	17.43	12 353	-3 884	0	79.94	SI	RAR	1.661	360.00	-2 116	-3 167	0	NS	SI		
	QPR	0.137	13.07	854	-2 931	0	95.23	SI										
50.0%	RAR	0.489	17.43	8 326	-10 066	0	35.65	SI	RAR	5.040	360.00	-2 116	-10 031	0	71.43	SI		
	QPR	0.410	13.07	854	-8 881	0	31.85	SI										
75.0%	RAR	0.050	17.43	12 353	232	0	NS	SI	RAR	0.609	360.00	-2 460	-996	0	NS	SI		
	QPR	0.031	13.07	854	-610	0	NS	SI										
100%	RAR	1.197	17.43	8 326	25 504	0	14.55	SI	RAR	12.152	360.00	8 326	25 504	0	29.62	SI		
	QPR	1.005	13.07	854	21 835	0	13.00	SI										
Trave: Trave 12-13				FRC=0.01 cm														
0%	RAR	1.255	17.43	-520	27 378	0	13.89	SI	RAR	13.501	360.00	-520	27 378	0	26.66	SI		
	QPR	1.087	13.07	209	23 663	0	12.02	SI										
25.0%	RAR	0.085	17.43	9 334	-1 192	0	NS	SI	RAR	0.437	360.00	-2 413	-651	0	NS	SI		
	QPR	0.027	13.07	209	-577	0	NS	SI										
50.0%	RAR	0.571	17.43	6 215	-12 014	0	30.50	SI	RAR	6.035	360.00	-2 413	-12 024	0	59.65	SI		
	QPR	0.489	13.07	209	-10 641	0	26.73	SI										
75.0%	RAR	0.362	17.43	-542	-7 918	0	48.19	SI	RAR	3.948	360.00	-1 890	-7 835	0	91.18	SI		
	QPR	0.298	13.07	209	-6 485	0	43.82	SI										
100%	RAR	0.684	17.43	6 215	14 466	0	25.48	SI	RAR	6.820	360.00	6 215	14 466	0	52.78	SI		
	QPR	0.546	13.07	209	11 887	0	23.93	SI										
Trave: Trave 13-14				FRC=0.01 cm														
0%	RAR	1.424	17.43	-18 863	32 349	0	12.24	SI	RAR	16.834	360.00	-18 863	32 349	0	21.38	SI		
	QPR	1.215	13.07	-16 262	27 622	0	10.75	SI										
25.0%	RAR	0.091	17.43	-19 868	3 387	0	NS	SI	RAR	2.627	360.00	-19 868	3 387	0	NS	SI		
	QPR	0.032	13.07	-16 262	1 843	0	NS	SI										
50.0%	RAR	0.437	17.43	-13 816	-10 787	0	39.92	SI	RAR	5.735	360.00	-20 447	-10 915	0	62.77	SI		
	QPR	0.381	13.07	-16 262	-9 716	0	34.26	SI										
75.0%	RAR	0.337	17.43	-19 868	-8 746	0	51.65	SI	RAR	5.265	360.00	-19 868	-8 746	0	68.38	SI		
	QPR	0.272	13.07	-16 262	-7 058	0	48.13	SI										
100.0%	RAR	0.539	17.43	-13 816	12 706	0	32.35	SI	RAR	6.922	360.00	-13 816	12 706	0	52.01	SI		
	QPR	0.398	13.07	-16 262	9 822	0	32.81	SI										
Trave: Trave 14-15				FRC=0.01 cm														
0%	RAR	0.073	17.43	-22 944	3 193	0	NS	SI	RAR	2.680	360.00	-22 944	3 193	0	NS	SI		
	QPR	0.013	13.07	-20 986	1 760	0	NS	SI										
25.0%	RAR	0.521	17.43	-16 970	-12 546	0	33.44	SI	RAR	7.220	360.00	-20 373	-12 668	0	49.86	SI		
	QPR	0.385	13.07	-20 986	-9 855	0	33.97	SI										
50.0%	RAR	0.328	17.43	-18 995	-9 311	0	53.09	SI	RAR	5.666	360.00	-26 062	-9 258	0	63.54	SI		
	QPR	0.265	13.07	-20 986	-7 943	0	49.25	SI										
75.0%	RAR	0.365	17.43	-16 970	9 147	0	47.73	SI	RAR	5.531	360.00	-20 373	9 238	0	65.08	SI		
	QPR	0.276	13.07	-20 986	7 493	0	47.31	SI										
100.0%	RAR	1.918	17.43	-20 373	43 230	0	9.08	SI	RAR	22.263	360.00	-20 373	43 230	0	16.17	SI		
	QPR	1.604	13.07	-20 986	36 432	0	8.14	SI										
Trave: Trave 15-16				FRC=0.01 cm														
0%	RAR	1.822	17.43	-23 745	41 361	0	9.56	SI	RAR	21.506	360.00	-23 745	41 361	0	16.73	SI		
	QPR	1.545	13.07	-21 965	35 203	0	8.46	SI										
25.0%	RAR	0.274	17.43	-21 613	7 497	0	63.50	SI	RAR	4.903	360.00	-24 554	7 551	0	73.42	SI		
	QPR	0.212	13.07	-21 965	6 154	0	61.74	SI										
50.0%	RAR	0.424	17.43	-22 251	-10 802	0	41.09	SI	RAR	6.439	360.00	-24 554	-10 672	0	55.90	SI		
	QPR	0.355	13.07	-21 965	-9 275	0	36.82	SI										
75.0%	RAR	0.549	17.43	-21 613	-13 471	0	31.76	SI	RAR	7.773	360.00	-24 554	-13 383	0	46.31	SI		
	QPR	0.437	13.07	-21 965	-11 058	0	29.92	SI										
100.0%	RAR	0.080	17.43	-22 149	3 289	0	NS	SI	RAR	2.689	360.00	-22 149	3 289	0	NS	SI		
	QPR	0.000	13.07	0	0	0	-	SI										
Piano terra									Travata: Trave 18-19-20-21-22-23-24-25									
Trave: Trave 18-19				FRC=0.02 cm														
0%	RAR	0.333	17.43	1 549	7 153	0	52.29	SI	RAR	3.555	360.00	-1 242	7 100	0	NS	SI		
	QPR	0.191	13.07	4 019	3 890	0	68.27	SI										
25.0%	RAR	0.765	17.43	19 472	-15 301	0	22.78	SI	RAR	6.714	360.00	15 169	-15 129	0	53.61	SI		
	QPR	0.544	13.07	4 019	-11 565	0	24.04	SI										
50.0%	RAR	0.755	17.43	13 977	-15 472	0	23.08	SI	RAR	7.218	360.00	193	-14 684	0	49.87	SI		
	QPR	0.614	13.07	4 019	-13 104	0	21.27	SI										
75.0%	RAR	0.081	17.43	1 549	-1 648	0	NS	SI	RAR	0.833	360.00	-1 242	-1 570	0	NS	SI		
	QPR	0.047	13.07	4 019	-736	0	NS	SI										
100%	RAR	1.416	17.43	13 977	29 875	0	12.30	SI	RAR	14.030	360.00	13 977	29 875	0	25.65	SI		
	QPR	1.183	13.07	4 019	25 505	0	11.04	SI										
Trave: Trave 19-20				FRC=0.01 cm														
0%	RAR	1.138	17.43	1 838	24 662	0	15.31	SI	RAR	12.050	360.00	1 838	24 662	0	29.87	SI		
	QPR	0.992	13.07	2 365	21 458	0	13.17	SI										
25.0%	RAR	0.101	17.43	13 804	-1 237	0	NS	SI	RAR	0.552	360.00	-4 876	-643	0	NS	SI		
	QPR	0.037	13.07	2 365	-636	0	NS	SI										
50.0%	RAR	0.432	17.43	9 876	-9 666	0	40.37	SI	RAR	4.777	360.00	-1 332	-9 777	0	75.35	SI		
	QPR	0.362	13.07	2 365	-8 553	0	36.07	SI										
75.0%	RAR	0.144	17.43	407	-3 100	0	NS	SI	RAR	1.506	360.00	407	-3 100	0	NS	SI		
	QPR	0.111	13.07	2 365	-2 248	0	NS	SI										
100%	RAR	1.029	17.43	9 876	21 723	0	16.94	SI	RAR	10.242	360.00	-1 332	20 676	0	35.15	SI		
	QPR	0.844	13.07	2 365	18 231	0	15.48	SI										
Trave: Trave 20-21				FRC=0.01 cm														
0%	RAR	0.967	17.43	4 056	20 778	0	18.03	SI	RAR	10.032	360.00	4 056	20 778	0	35.88	SI		
	QPR	0.812	13.07	2 661	17 512	0	16.09	SI										
25.0%	RAR	0.214	17.43	10 665	-3 911	0	81.50	SI	RAR	1.641	360.00	-4 363	-2 906	0	NS	SI		
	QPR	0.140	13.07	2 661	-2 855	0	93.64	SI										
50.0%	RAR	0.497	17.43	8 126	-10 266	0	35.04	SI	RAR	5.076	360.00	-891	-10 225	0	70.92	SI		
	QPR	0.424	13.07	2 661	-9 044	0	30.85	SI										

%LLI Tp _{mf}	Compressione calcestruzzo								Trazione acciaio							
	Compressione calcestruzzo rinforzo								Trazione acciaio/FRP rinforzo							
Id _{Cmb}	σ _{cc}	σ _{cd,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato	Id _{Cmb}	σ _{at}	σ _{td,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato	
[%]	[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]				[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]			
75.0%	RAR	0.088	17.43	3 882	-1 655	0	NS	SI	RAR	0.692	360.00	-4 363	-977	0	NS	SI
	QPR	0.055	13.07	2 661	-1 014	0	NS	SI								
100.0%	RAR	1.168	17.43	8 126	24 889	0	14.91	SI	RAR	11.858	360.00	8 126	24 889	0	30.35	SI
	QPR	0.981	13.07	2 661	21 191	0	13.32	SI								
Trave: Trave 21-22			FRC=0.01 cm													
0%	RAR	1.292	17.43	6 851	27 661	0	13.49	SI	RAR	13.284	360.00	6 851	27 661	0	27.09	SI
	QPR	1.096	13.07	3 483	23 641	0	11.92	SI								
25.0%	RAR	0.092	17.43	8 445	-1 416	0	NS	SI	RAR	0.365	360.00	-3 529	-396	0	NS	SI
	QPR	0.038	13.07	3 483	-574	0	NS	SI								
50.0%	RAR	0.577	17.43	6 851	-12 083	0	30.22	SI	RAR	5.880	360.00	-56	-11 940	0	61.22	SI
	QPR	0.498	13.07	3 483	-10 611	0	26.23	SI								
75.0%	RAR	0.395	17.43	7 982	-8 040	0	44.16	SI	RAR	3.577	360.00	6 704	-7 924	0	NS	SI
	QPR	0.306	13.07	3 483	-6 428	0	42.68	SI								
100%	RAR	0.707	17.43	7 129	14 915	0	24.63	SI	RAR	6.997	360.00	7 129	14 915	0	51.44	SI
	QPR	0.561	13.07	3 483	11 971	0	23.31	SI								
Trave: Trave 22-23			FRC=0.01 cm													
0%	RAR	1.356	17.43	-9 097	30 185	0	12.85	SI	RAR	15.297	360.00	-9 097	30 185	0	23.53	SI
	QPR	1.119	13.07	-11 555	25 187	0	11.68	SI								
25.0%	RAR	0.102	17.43	-7 164	2 727	0	NS	SI	RAR	1.747	360.00	-10 644	2 504	0	NS	SI
	QPR	0.001	13.07	-11 555	826	0	NS	SI								
50.0%	RAR	0.445	17.43	-9 097	-10 657	0	39.14	SI	RAR	5.421	360.00	-16 729	-10 590	0	66.40	SI
	QPR	0.378	13.07	-11 555	-9 314	0	34.57	SI								
75.0%	RAR	0.314	17.43	-7 164	-7 346	0	55.49	SI	RAR	3.962	360.00	-7 164	-7 346	0	90.86	SI
	QPR	0.203	13.07	-11 555	-5 235	0	64.38	SI								
100%	RAR	0.710	17.43	-11 648	16 277	0	24.56	SI	RAR	8.575	360.00	-11 648	16 277	0	41.98	SI
	QPR	0.562	13.07	-11 555	13 060	0	23.25	SI								
Trave: Trave 23-24			FRC=0.01 cm													
0%	RAR	0.208	17.43	-849	4 594	0	83.75	SI	RAR	2.302	360.00	-849	4 594	0	NS	SI
	QPR	0.075	13.07	-8 303	2 213	0	NS	SI								
25.0%	RAR	0.465	17.43	-10 174	-10 839	0	37.50	SI	RAR	5.827	360.00	-10 174	-10 839	0	61.78	SI
	QPR	0.340	13.07	-8 303	-7 992	0	38.44	SI								

%LLI Tp _{mf}	Compressione calcestruzzo								Trazione acciaio							
	Compressione calcestruzzo rinforzo								Trazione acciaio/FRP rinforzo							
	Id _{Cmb}	σ _{cc}	σ _{cd,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato	Id _{Cmb}	σ _{at}	σ _{td,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato
[%]		[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]				[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]		
0%	RAR	1.036	17.43	-20 335	44 216	0	16.83	SI	RAR	14.809	360.00	-20 335	44 216	0	24.30	SI
	QPR	0.821	13.07	-23 194	35 948	0	15.93	SI								
25.0%	RAR	0.304	17.43	-16 260	14 320	0	57.28	SI	RAR	5.498	360.00	-20 335	14 442	0	65.47	SI
	QPR	0.186	13.07	-23 194	10 451	0	70.44	SI								
50.0%	RAR	0.003	17.43	-14 787	-2 040	0	NS	SI	RAR	2.455	360.00	-29 598	-3 278	0	NS	SI
	QPR	0.000	13.07	0	0	0	-	SI								
75.0%	RAR	0.084	17.43	-16 260	-5 458	0	NS	SI	RAR	2.857	360.00	-29 900	-4 517	0	NS	SI
	QPR	0.033	13.07	-23 194	-4 308	0	NS	SI								
100%	RAR	0.173	17.43	-29 598	10 787	0	NS	SI	RAR	4.803	360.00	-29 598	10 787	0	74.95	SI
	QPR	0.086	13.07	-23 194	6 449	0	NS	SI								
Trave: Trave 30-31 FRC=0.00 cm																
0%	RAR	0.544	17.43	-19 363	24 351	0	32.03	SI	RAR	8.834	360.00	-34 686	22 894	0	40.74	SI
	QPR	0.372	13.07	-27 148	18 463	0	35.10	SI								
25.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	2.476	360.00	-33 653	-2 720	0	NS	SI
	QPR	0.000	13.07	0	0	0	-	SI								
50.0%	RAR	0.168	17.43	-23 494	-10 907	0	NS	SI	RAR	4.829	360.00	-34 695	-10 750	0	74.54	SI
	QPR	0.125	13.07	-27 148	-9 496	0	NS	SI								
75.0%	RAR	0.151	17.43	-19 363	-8 571	0	NS	SI	RAR	4.308	360.00	-36 442	-8 147	0	83.56	SI
	QPR	0.045	13.07	-27 148	-5 332	0	NS	SI								
100.0%	RAR	0.207	17.43	-33 653	12 677	0	84.07	SI	RAR	5.590	360.00	-33 653	12 677	0	64.40	SI
	QPR	0.185	13.07	-27 148	10 922	0	70.83	SI								
Trave: Trave 31-32 FRC=0.02 cm																
0%	RAR	0.850	17.43	-39 885	39 300	0	20.50	SI	RAR	14.602	360.00	-45 152	39 722	0	24.65	SI
	QPR	0.692	13.07	-45 966	33 713	0	18.90	SI								
25.0%	RAR	0.152	17.43	-56 131	-13 377	0	NS	SI	RAR	6.894	360.00	-56 131	-13 377	0	52.21	SI
	QPR	0.092	13.07	-45 966	-9 643	0	NS	SI								
50.0%	RAR	0.533	17.43	-45 152	-27 226	0	32.72	SI	RAR	11.028	360.00	-56 394	-26 557	0	32.64	SI
	QPR	0.409	13.07	-45 966	-22 380	0	31.93	SI								
75.0%	RAR	0.055	17.43	-39 885	-7 366	0	NS	SI	RAR	4.446	360.00	-45 152	-7 244	0	80.96	SI
	QPR	0.000	13.07	0	0	0	-	SI								
100.0%	RAR	1.188	17.43	-56 131	54 966	0	14.67	SI	RAR	20.021	360.00	-58 183	55 037	0	17.98	SI
	QPR	0.948	13.07	-45 966	44 007	0	13.79	SI								
Piano terra Travata: Trave 33-34-35-36-39-40-41																
Trave: Trave 33-34 FRC=0.01 cm																
0%	RAR	0.640	17.43	-5 080	26 362	0	27.22	SI	RAR	8.489	360.00	-5 080	26 362	0	42.40	SI
	QPR	0.458	13.07	-3 376	18 832	0	28.53	SI								
25.0%	RAR	0.462	17.43	-433	-18 603	0	37.73	SI	RAR	5.838	360.00	-433	-18 603	0	61.66	SI
	QPR	0.350	13.07	-3 376	-14 500	0	37.32	SI								
50.0%	RAR	0.593	17.43	-1 691	-24 022	0	29.40	SI	RAR	7.603	360.00	-3 686	-23 745	0	47.34	SI
	QPR	0.540	13.07	-3 376	-22 116	0	24.21	SI								
75.0%	RAR	0.120	17.43	-5 080	-5 493	0	NS	SI	RAR	1.963	360.00	-5 080	-5 493	0	NS	SI
	QPR	0.052	13.07	-3 376	-2 528	0	NS	SI								
100.0%	RAR	1.314	17.43	-439	52 831	0	13.26	SI	RAR	16.619	360.00	-1 693	52 886	0	21.66	SI
	QPR	1.127	13.07	-3 376	45 678	0	11.60	SI								
Trave: Trave 34-35 FRC=0.01 cm																
0%	RAR	1.330	17.43	-4 178	53 933	0	13.10	SI	RAR	17.067	360.00	-4 178	53 933	0	21.09	SI
	QPR	1.142	13.07	-3 088	46 250	0	11.44	SI								
25.0%	RAR	0.234	17.43	-47	-9 387	0	74.61	SI	RAR	2.938	360.00	-47	-9 387	0	NS	SI
	QPR	0.152	13.07	-3 088	-6 489	0	86.20	SI								
50.0%	RAR	0.566	17.43	-1 454	-25 950	0	30.81	SI	RAR	8.007	360.00	-4 178	-25 995	0	44.95	SI
	QPR	0.510	13.07	-3 088	-23 649	0	25.62	SI								
75.0%	RAR	0.144	17.43	-4 589	-6 386	0	NS	SI	RAR	2.219	360.00	-4 589	-6 386	0	NS	SI
	QPR	0.078	13.07	-3 088	-3 527	0	NS	SI								
100.0%	RAR	1.613	17.43	-1 458	64 964	0	10.80	SI	RAR	20.385	360.00	-1 458	64 964	0	17.66	SI
	QPR	1.372	13.07	-3 088	55 475	0	9.53	SI								
Trave: Trave 35-36 FRC=0.01 cm																
0%	RAR	1.825	17.43	-1 069	73 411	0	9.55	SI	RAR	23.008	360.00	-1 069	73 411	0	15.64	SI
	QPR	1.550	13.07	-655	62 339	0	8.43	SI								
25.0%	RAR	0.272	17.43	2 899	-10 547	0	64.08	SI	RAR	3.158	360.00	2 899	-10 547	0	NS	SI
	QPR	0.183	13.07	-655	-7 443	0	71.34	SI								
50.0%	RAR	0.960	17.43	1 441	-38 369	0	18.15	SI	RAR	12.066	360.00	-1 663	-38 330	0	29.83	SI
	QPR	0.844	13.07	-655	-33 971	0	15.49	SI								
75.0%	RAR	0.489	17.43	-1 069	-19 793	0	35.61	SI	RAR	6.241	360.00	-1 069	-19 793	0	57.68	SI
	QPR	0.385	13.07	-655	-15 548	0	33.94	SI								
100.0%	RAR	1.443	17.43	1 437	57 752	0	12.08	SI	RAR	17.990	360.00	1 437	57 752	0	20.01	SI
	QPR	1.228	13.07	-655	49 387	0	10.64	SI								
Trave: Trave 36-39 FRC=0.01 cm																
0%	RAR	1.462	17.43	-6 149	59 499	0	11.92	SI	RAR	18.903	360.00	-6 149	59 499	0	19.04	SI
	QPR	1.255	13.07	-5 515	51 104	0	10.41	SI								
25.0%	RAR	0.167	17.43	-6 035	7 787	0	NS	SI	RAR	2.409	360.00	-6 035	7 787	0	NS	SI
	QPR	0.089	13.07	-5 515	4 473	0	NS	SI								
50.0%	RAR	0.388	17.43	-3 821	-16 094	0	44.86	SI	RAR	5.411	360.00	-8 188	-16 039	0	66.53	SI
	QPR	0.368	13.07	-5 515	-15 502	0	35.49	SI								
75.0%	RAR	0.318	17.43	-6 035	-13 567	0	54.73	SI	RAR	4.534	360.00	-6 035	-13 567	0	79.40	SI
	QPR	0.244	13.07	-5 515	-10 512	0	53.57	SI								
100.0%	RAR	0.571	17.43	-2 162	23 211	0	30.52	SI	RAR	7.363	360.00	-2 162	23 211	0	48.89	SI
	QPR	0.424	13.07	-5 515	17 744	0	30.82	SI								
Trave: Trave 39-40 FRC=0.00 cm																
0%	RAR	0.848	17.43	-4 882	34 690	0	20.55	SI	RAR	11.084	360.00	-4 882	34 690	0	32.48	SI
	QPR	0.693	13.07	-5 098	28 472	0	18.87	SI								
25.0%	RAR	0.187	17.43	-2 162	-7 782	0	93.29	SI	RAR	2.538	360.00	-2 162	-7 782	0	NS	SI
	QPR	0.102	13.07	-5 098	-4 773	0	NS	SI								
50.0%	RAR	0.256	17.43	-431	-11 698	0	68.16	SI	RAR	3.952	360.00	-8 404	-11 859	0	91.08	SI

Travi - verifiche delle tensioni di esercizio																	
%LLI Tp _{mf}	Compressione calcestruzzo Compressione calcestruzzo rinforzo								Verific ato	Trazione acciaio Trazione acciaio/FRP rinforzo							
	Id _{Cmb}	σ _{cc}	σ _{cd,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Id _{Cmb}		σ _{at}	σ _{td,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato	
[%]		[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]				[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]			
100%	RAR QPR	7.151 5.958	17.43 13.07	-25 315 -27 423	95 552 79 832	0 0	2.43 2.19	SI SI	RAR	256.388	360.00	-25 315	95 552	0	1.40	SI	
Trave: Trave 10-19 FRC=0.06 cm																	
0%	RAR QPR	7.875 6.606	17.43 13.07	-23 336 -24 317	105 092 88 323	0 0	2.21 1.97	SI SI	RAR	281.503	360.00	-29 560	104 667	0	1.27	SI	
	RAR QPR	0.823 0.653	17.43 13.07	-22 705 -24 317	-20 020 -16 336	0 0	21.18 20.02	SI SI	RAR	11.125	360.00	-29 560	-19 845	0	32.35	SI	
25.0%	RAR QPR	4.681 2.061	17.43 13.07	-22 705 -24 317	-61 557 -51 434	0 0	3.72 6.34	SI SI	RAR	212.223	360.00	-29 560	-61 547	0	1.69	SI	
	RAR QPR	0.798 0.640	17.43 13.07	-23 336 -24 317	-19 985 -16 445	0 0	21.85 20.41	SI SI	RAR	11.041	360.00	-29 560	-19 809	0	32.60	SI	
50.0%	RAR QPR	7.350 6.150	17.43 13.07	-22 705 -24 317	105 051 88 101	0 0	2.37 2.12	SI SI	RAR	236.319	360.00	-29 560	104 731	0	1.52	SI	
	RAR QPR	7.350 6.150	17.43 13.07	-22 705 -24 317	105 051 88 101	0 0	2.37 2.12	SI SI	RAR	236.319	360.00	-29 560	104 731	0	1.52	SI	
Trave: Trave 19-27 FRC=0.02 cm																	
0%	RAR QPR	6.871 5.696	17.43 13.07	-24 709 -25 809	98 344 81 707	0 0	2.53 2.29	SI SI	RAR	220.874	360.00	-24 709	98 344	0	1.62	SI	
	RAR QPR	0.090 0.026	17.43 13.07	-23 232 -25 809	3 608 2 374	0 0	NS NS	SI SI	RAR	3.282	360.00	-34 671	3 550	0	NS	SI	
25.0%	RAR QPR	1.514 1.237	17.43 13.07	-23 878 -25 809	-35 740 -29 648	0 0	11.51 10.56	SI SI	RAR	16.861	360.00	-31 737	-35 067	0	21.35	SI	
	RAR QPR	0.695 0.522	17.43 13.07	-23 878 -25 809	-17 659 -13 849	0 0	25.09 25.02	SI SI	RAR	9.972	360.00	-34 671	-17 119	0	36.10	SI	
50.0%	RAR QPR	4.283 2.106	17.43 13.07	-25 938 -25 809	63 045 49 771	0 0	4.06 6.20	SI SI	RAR	144.975	360.00	-25 938	63 045	0	2.48	SI	
	RAR QPR	4.283 2.106	17.43 13.07	-25 938 -25 809	63 045 49 771	0 0	4.06 6.20	SI SI	RAR	144.975	360.00	-25 938	63 045	0	2.48	SI	
Trave: Trave 27-34 FRC=0.00 cm																	
0%	RAR QPR	1.080 0.630	17.43 13.07	15 818 1 232	23 464 14 255	0 0	16.13 20.74	SI SI	RAR	10.096	360.00	15 818	23 464	0	35.65	SI	
	RAR QPR	0.525 0.259	17.43 13.07	15 818 1 232	10 546 5 647	0 0	33.17 50.55	SI SI	RAR	4.150	360.00	15 818	10 546	0	86.75	SI	
25.0%	RAR QPR	0.066 0.030	17.43 13.07	-1 015 1 232	-1 556 -581	0 0	NS NS	SI SI	RAR	0.988	360.00	-5 357	-1 497	0	NS	SI	
	RAR QPR	0.405 0.202	17.43 13.07	15 818 1 232	-7 925 -4 435	0 0	43.07 64.65	SI SI	RAR	3.125	360.00	15 818	-7 925	0	NS	SI	
50.0%	RAR QPR	0.670 0.275	17.43 13.07	15 818 1 232	-13 479 -5 912	0 0	26.03 47.48	SI SI	RAR	5.871	360.00	15 818	-13 479	0	61.32	SI	
	RAR QPR	0.670 0.275	17.43 13.07	15 818 1 232	-13 479 -5 912	0 0	26.03 47.48	SI SI	RAR	5.871	360.00	15 818	-13 479	0	61.32	SI	
Piano terra Travata: Trave 3-11-20-28-35																	
Trave: Trave 3-11 FRC=0.02 cm																	
0%	RAR QPR	4.584 2.089	17.43 13.07	-26 340 -24 694	61 580 47 649	0 0	3.80 6.25	SI SI	RAR	169.120	360.00	-26 340	61 580	0	2.12	SI	
	RAR QPR	0.684 0.515	17.43 13.07	-22 919 -24 694	-16 941 -13 274	0 0	25.46 25.39	SI SI	RAR	9.387	360.00	-22 919	-16 941	0	38.35	SI	
25.0%	RAR QPR	1.481 1.208	17.43 13.07	-22 919 -24 694	-33 877 -28 048	0 0	11.76 10.82	SI SI	RAR	17.850	360.00	-30 919	-33 229	0	20.16	SI	
	RAR QPR	0.127 0.072	17.43 13.07	-22 138 -24 694	4 361 3 326	0 0	NS NS	SI SI	RAR	3.604	360.00	-43 100	3 386	0	99.89	SI	
50.0%	RAR QPR	6.741 5.602	17.43 13.07	-22 919 -24 694	96 437 80 335	0 0	2.58 2.33	SI SI	RAR	216.179	360.00	-22 919	96 437	0	1.66	SI	
	RAR QPR	6.741 5.602	17.43 13.07	-22 919 -24 694	96 437 80 335	0 0	2.58 2.33	SI SI	RAR	216.179	360.00	-22 919	96 437	0	1.66	SI	
Trave: Trave 11-20 FRC=0.06 cm																	
0%	RAR QPR	7.284 6.117	17.43 13.07	-19 457 -20 466	104 024 87 508	0 0	2.39 2.13	SI SI	RAR	232.698	360.00	-25 746	103 615	0	1.54	SI	
	RAR QPR	0.818 0.650	17.43 13.07	-18 864 -20 466	-20 132 -16 400	0 0	21.30 20.09	SI SI	RAR	10.931	360.00	-25 746	-19 952	0	32.93	SI	
25.0%	RAR QPR	4.681 2.071	17.43 13.07	-18 864 -20 466	-61 487 -51 380	0 0	3.72 6.31	SI SI	RAR	210.105	360.00	-25 746	-61 477	0	1.71	SI	
	RAR QPR	0.832 0.673	17.43 13.07	-19 457 -20 466	-20 486 -16 917	0 0	20.95 19.42	SI SI	RAR	11.119	360.00	-25 746	-20 338	0	32.37	SI	
50.0%	RAR QPR	7.226 6.046	17.43 13.07	-18 864 -20 466	103 170 86 470	0 0	2.41 2.16	SI SI	RAR	230.955	360.00	-25 746	102 841	0	1.55	SI	
	RAR QPR	7.226 6.046	17.43 13.07	-18 864 -20 466	103 170 86 470	0 0	2.41 2.16	SI SI	RAR	230.955	360.00	-25 746	102 841	0	1.55	SI	
Trave: Trave 20-28 FRC=0.02 cm																	
0%	RAR QPR	6.918 5.705	17.43 13.07	-20 789 -22 707	98 834 81 729	0 0	2.51 2.29	SI SI	RAR	220.785	360.00	-20 890	98 837	0	1.63	SI	
	RAR QPR	0.135 0.062	17.43 13.07	-20 104 -22 707	4 399 2 953	0 0	NS NS	SI SI	RAR	3.496	360.00	-39 409	3 529	0	NS	SI	
25.0%	RAR QPR	1.493 1.215	17.43 13.07	-20 789 -22 707	-35 072 -28 944	0 0	11.67 10.75	SI SI	RAR	16.363	360.00	-20 890	-35 069	0	22.00	SI	
	RAR QPR	0.740 0.529	17.43 13.07	-20 104 -22 707	-17 984 -13 458	0 0	23.55 24.69	SI SI	RAR	10.010	360.00	-31 350	-17 393	0	35.96	SI	
50.0%	RAR QPR	4.695 2.175	17.43 13.07	-23 227 -22 707	62 952 49 411	0 0	3.71 6.00	SI SI	RAR	171.421	360.00	-23 227	62 952	0	2.10	SI	
	RAR QPR	4.695 2.175	17.43 13.07	-23 227 -22 707	62 952 49 411	0 0	3.71 6.00	SI SI	RAR	171.421	360.00	-23 227	62 952	0	2.10	SI	
Trave: Trave 28-35 FRC=0.00 cm																	
0%	RAR QPR	1.246 0.786	17.43 13.07	7 765 -6 363	26 853 17 722	0 0	13.98 16.63	SI SI	RAR	12.460	360.00	7 765	26 853	0	28.89	SI	
	RAR QPR	0.382 0.129	17.43 13.07	7 765 -6 363	7 848 3 270	0 0	45.66 NS	SI SI	RAR	3.379	360.00	7 765	7 848	0	NS	SI	
25.0%	RAR QPR	0.234 0.189	17.43 13.07	1 840 -6 363	-4 960 -4 568	0 0	74.62 69.10	SI SI	RAR	3.221	360.00	-11 429	-5 423	0	NS	SI	
	RAR QPR	0.469 0.245	17.43 13.07	7 765 -6 363	-9 677 -5 793	0 0	37.15 53.27	SI SI	RAR	4.388	360.00	7 765	-9 677	0	82.03	SI	
50.0%	RAR QPR	0.401 0.000	17.43 13.07	7 765 0	-8 203 0	0 0	43.41 -	SI SI	RAR	3.894	360.00	-14 350	6 503	0	92.44	SI	
	RAR QPR	0.401 0.000	17.43 13.07	7 765 0	-8 203 0	0 0	43.41 -	SI SI	RAR	3.894	360.00	-14 350	6 503	0	92.44	SI	
Piano terra Travata: Trave 4-12-21-29-36																	
Trave: Trave 4-12 FRC=0.02 cm																	
0%	RAR	4.655	17.43	-19 584	62 323	0	3.74	SI	RAR	168.362	360.00	-19 584	62 323	0	2.13	SI	

Travi - verifiche delle tensioni di esercizio																	
%LLI Tp _{mf}	Compressione calcestruzzo								Trazione acciaio								
	Compressione calcestruzzo rinforzo								Trazione acciaio/FRP rinforzo								
	Id _{Cmb}	σ _{cc}	σ _{cd,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato	Id _{Cmb}	σ _{at}	σ _{td,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato	
[%]		[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]				[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]			
25.0%	QPR	2.124	13.07	-19 086	48 029	0	6.15	SI									
	RAR	0.754	17.43	-15 462	-17 963	0	23.12	SI	RAR	9.574	360.00	-16 383	-17 961	0	37.60	SI	
	QPR	0.558	13.07	-19 086	-13 846	0	23.41	SI									
50.0%	RAR	1.556	17.43	-16 383	-35 056	0	11.20	SI	RAR	18.063	360.00	-24 691	-34 273	0	19.93	SI	
	QPR	1.266	13.07	-19 086	-28 932	0	10.32	SI									
75.0%	RAR	0.129	17.43	-15 462	3 942	0	NS	SI	RAR	2.982	360.00	-35 644	2 803	0	NS	SI	
	QPR	0.065	13.07	-19 086	2 768	0	NS	SI									
100%	RAR	6.817	17.43	-16 383	97 241	0	2.55	SI	RAR	215.903	360.00	-16 383	97 241	0	1.66	SI	
	QPR	5.644	13.07	-19 086	80 737	0	2.31	SI									
Trave: Trave 12-21				FRC=0.06 cm													
0%	RAR	7.465	17.43	-13 721	106 390	0	2.33	SI	RAR	235.694	360.00	-19 529	105 918	0	1.52	SI	
	QPR	6.268	13.07	-14 861	89 432	0	2.08	SI									
25.0%	RAR	0.826	17.43	-12 213	-19 841	0	21.09	SI	RAR	10.476	360.00	-19 529	-19 621	0	34.36	SI	
	QPR	0.656	13.07	-14 861	-16 125	0	19.92	SI									
50.0%	RAR	4.724	17.43	-12 213	-61 973	0	3.68	SI	RAR	208.636	360.00	-19 529	-61 970	0	1.72	SI	
	QPR	2.105	13.07	-14 861	-51 802	0	6.20	SI									
75.0%	RAR	0.859	17.43	-13 298	-20 677	0	20.28	SI	RAR	10.901	360.00	-19 529	-20 494	0	33.02	SI	
	QPR	0.698	13.07	-14 861	-17 076	0	18.74	SI									
100%	RAR	7.342	17.43	-12 213	104 604	0	2.37	SI	RAR	231.935	360.00	-19 529	104 171	0	1.55	SI	
	QPR	6.133	13.07	-14 861	87 529	0	2.13	SI									
Trave: Trave 21-29				FRC=0.02 cm													
0%	RAR	6.902	17.43	-14 231	98 422	0	2.52	SI	RAR	217.710	360.00	-14 615	98 380	0	1.65	SI	
	QPR	5.682	13.07	-16 117	81 168	0	2.30	SI									
25.0%	RAR	0.134	17.43	-13 705	3 935	0	NS	SI	RAR	2.884	360.00	-24 557	3 720	0	NS	SI	
	QPR	0.056	13.07	-16 117	2 362	0	NS	SI									
50.0%	RAR	1.566	17.43	-14 231	-35 116	0	11.13	SI	RAR	17.980	360.00	-14 615	-35 094	0	20.02	SI	
	QPR	1.275	13.07	-16 117	-28 916	0	10.25	SI									
75.0%	RAR	0.718	17.43	-13 705	-17 036	0	24.27	SI	RAR	9.022	360.00	-24 173	-16 073	0	39.90	SI	
	QPR	0.492	13.07	-16 117	-12 154	0	26.56	SI									
100%	RAR	5.047	17.43	-15 243	67 357	0	3.45	SI	RAR	179.720	360.00	-15 243	67 357	0	2.00	SI	
	QPR	3.935	13.07	-16 117	52 647	0	3.32	SI									
Trave: Trave 29-36				FRC=0.03 cm													
0%	RAR	5.807	17.43	-9 585	77 296	0	3.00	SI	RAR	203.172	360.00	-9 952	77 276	0	1.77	SI	
	QPR	4.662	13.07	-16 917	62 331	0	2.80	SI									
25.0%	RAR	0.219	17.43	-27 391	-6 842	0	79.68	SI	RAR	4.656	360.00	-27 391	-6 842	0	77.31	SI	
	QPR	0.083	13.07	-16 917	-3 051	0	NS	SI									
50.0%	RAR	1.560	17.43	-9 952	-34 694	0	11.17	SI	RAR	18.325	360.00	-23 546	-34 918	0	19.64	SI	
	QPR	1.295	13.07	-16 917	-29 407	0	10.09	SI									
75.0%	RAR	0.957	17.43	-9 952	-21 559	0	18.20	SI	RAR	11.093	360.00	-9 952	-21 559	0	32.45	SI	
	QPR	0.714	13.07	-16 917	-16 739	0	18.31	SI									
100%	RAR	2.023	17.43	-23 546	45 729	0	8.61	SI	RAR	23.646	360.00	-23 546	45 729	0	15.22	SI	
	QPR	1.550	13.07	-16 917	34 950	0	8.43	SI									
Piano terra									Travata: Trave 5-13-22-30-39								
Trave: Trave 5-13				FRC=0.02 cm													
0%	RAR	1.566	17.43	-12 479	64 493	0	11.13	SI	RAR	20.770	360.00	-12 479	64 493	0	17.33	SI	
	QPR	1.147	13.07	-11 077	47 487	0	11.39	SI									
25.0%	RAR	1.067	17.43	-7 687	-43 827	0	16.34	SI	RAR	14.076	360.00	-7 687	-43 827	0	25.57	SI	
	QPR	0.806	13.07	-11 077	-33 786	0	16.22	SI									
50.0%	RAR	1.558	17.43	-7 687	-63 552	0	11.18	SI	RAR	20.244	360.00	-7 687	-63 552	0	17.78	SI	
	QPR	1.266	13.07	-11 077	-52 284	0	10.32	SI									
75.0%	RAR	0.241	17.43	-12 479	-11 293	0	72.31	SI	RAR	4.134	360.00	-12 479	-11 293	0	87.07	SI	
	QPR	0.163	13.07	-11 077	-7 997	0	79.96	SI									
100%	RAR	4.663	17.43	-7 687	119 652	0	3.73	SI	RAR	203.795	360.00	-7 687	119 652	0	1.76	SI	
	QPR	3.825	13.07	-11 077	98 542	0	3.41	SI									
Trave: Trave 13-22				FRC=0.02 cm													
0%	RAR	4.476	17.43	-10 790	115 146	0	3.89	SI	RAR	197.672	360.00	-10 919	115 081	0	1.82	SI	
	QPR	3.713	13.07	-11 699	95 750	0	3.52	SI									
25.0%	RAR	0.308	17.43	-11 214	-13 823	0	56.56	SI	RAR	4.864	360.00	-11 214	-13 823	0	74.01	SI	
	QPR	0.218	13.07	-11 699	-10 274	0	59.91	SI									
50.0%	RAR	1.194	17.43	-10 790	-55 847	0	14.59	SI	RAR	17.493	360.00	-16 673	-55 632	0	20.58	SI	
	QPR	0.988	13.07	-11 699	-46 615	0	13.22	SI									
75.0%	RAR	0.384	17.43	-10 790	-16 814	0	45.39	SI	RAR	5.779	360.00	-10 790	-16 814	0	62.29	SI	
	QPR	0.280	13.07	-11 699	-12 752	0	46.70	SI									
100.0%	RAR	4.302	17.43	-11 214	110 701	0	4.05	SI	RAR	190.466	360.00	-11 214	110 701	0	1.89	SI	
	QPR	2.223	13.07	-11 699	90 788	0	5.88	SI									
Trave: Trave 22-30				FRC=0.01 cm													
0%	RAR	4.267	17.43	-8 658	109 609	0	4.08	SI	RAR	187.492	360.00	-8 772	109 593	0	1.92	SI	
	QPR	2.211	13.07	-11 865	90 301	0	5.91	SI									
25.0%	RAR	0.264	17.43	-13 517	-12 332	0	66.13	SI	RAR	4.509	360.00	-13 517	-12 332	0	79.83	SI	
	QPR	0.184	13.07	-11 865	-8 921	0	71.06	SI									
50.0%	RAR	1.107	17.43	-8 658	-45 566	0	15.74	SI	RAR	15.093	360.00	-17 036	-45 634	0	23.85	SI	
	QPR	0.920	13.07	-11 865	-38 462	0	14.21	SI									
75.0%	RAR	0.057	17.43	-13 517	4 152	0	NS	SI	RAR	1.759	360.00	-13 517	4 152	0	NS	SI	
	QPR	0.016	13.07	-11 865	2 201	0	NS	SI									
100%	RAR	4.921	17.43	-13 517	137 233	0	3.54	SI	RAR	190.096	360.00	-13 517	137 233	0	1.89	SI	
	QPR	4.051	13.07	-11 865	113 061	0	3.22	SI									
Trave: Trave 30-39				FRC=0.06 cm													
0%	RAR	6.311	17.43	-17 441	176 020	0	2.76	SI	RAR	243.826	360.00	-17 441	176 020	0	1.47	SI	
	QPR	5.214	13.07	-21 016	146 062	0	2.50	SI									
25.0%	RAR	0.738	17.43	-25 651	-34 013	0	23.62	SI	RAR	11.747	360.00	-25 651	-34 013	0	30.64	SI	
	QPR	0.585	13.07	-21 016	-27 046	0	22.35	SI									
50.0%	RAR	4.343	17.43	-17 410	-112 29 ₅	0	4.01	SI	RAR	199.011	360.00	-27 769	-111 22 ₃	0	1.80	SI	

Travi - verifiche delle tensioni di esercizio																								
%LLI Tp _{mf}	Compressione calcestruzzo Compressione calcestruzzo rinforzo									Trazione acciaio Trazione acciaio/FRP rinforzo														
	Id _{Cmb}	σ _{cc}	σ _{cd,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato	Id _{Cmb}	σ _{at}	σ _{td,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato								
[%]		[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]				[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]										
75.0%	QPR	3.609	13.07	-21 016	-93 891	0	3.62	SI	RAR	21.930	360.00	-17 410	-67 441	0	16.41	SI								
	RAR	1.623	17.43	-17 410	-67 441	0	10.73	SI																
	QPR	1.289	13.07	-21 016	-54 478	0	10.14	SI																
100.0%	RAR	4.181	17.43	-25 651	108 889	0	4.16	SI	RAR	194.117	360.00	-25 651	108 889	0	1.85	SI								
	QPR	2.092	13.07	-21 016	86 707	0	6.25	SI																
Piano terra									Travata: Trave 6-14-1b-23-31-37-40															
Trave: Trave 6-14				FRC=0.02 cm																				
0%	RAR	1.647	17.43	-35 823	71 618	0	10.58	SI	RAR	23.335	360.00	-35 823	71 618	0	15.42	SI								
	QPR	1.265	13.07	-30 556	55 384	0	10.33	SI																
25.0%	RAR	0.756	17.43	-27 428	-35 000	0	23.05	SI	RAR	12.137	360.00	-27 428	-35 000	0	29.66	SI								
	QPR	0.534	13.07	-30 556	-26 208	0	24.46	SI																
50.0%	RAR	1.348	17.43	-27 428	-57 664	0	12.93	SI	RAR	19.581	360.00	-37 308	-56 857	0	18.38	SI								
	QPR	1.094	13.07	-30 556	-47 872	0	11.95	SI																
75.0%	RAR	0.214	17.43	-35 823	-13 979	0	81.57	SI	RAR	5.970	360.00	-35 823	-13 979	0	60.29	SI								
	QPR	0.128	13.07	-30 556	-9 613	0	NS	SI																
100%	RAR	3.645	17.43	-27 428	110 068	0	4.78	SI	RAR	132.845	360.00	-27 428	110 068	0	2.70	SI								
	QPR	2.055	13.07	-30 556	88 513	0	6.36	SI																
Trave: Trave 14-1b				FRC=0.01 cm																				
0%	RAR	3.784	17.43	-34 900	114 979	0	4.60	SI	RAR	140.660	360.00	-34 900	114 979	0	2.55	SI								
	QPR	2.169	13.07	-30 731	93 248	0	6.02	SI																
25.0%	RAR	0.316	17.43	-34 900	17 537	0	55.08	SI	RAR	6.765	360.00	-34 900	17 537	0	53.21	SI								
	QPR	0.202	13.07	-30 731	12 290	0	64.70	SI																
50.0%	RAR	1.179	17.43	-30 636	-51 316	0	14.78	SI	RAR	17.527	360.00	-30 636	-51 316	0	20.54	SI								
	QPR	0.820	13.07	-30 731	-36 904	0	15.94	SI																
75.0%	RAR	1.616	17.43	-30 636	-68 839	0	10.78	SI	RAR	23.188	360.00	-39 124	-68 109	0	15.52	SI								
	QPR	1.253	13.07	-30 731	-54 305	0	10.42	SI																
100.0%	RAR	1.120	17.43	-36 085	-49 643	0	15.56	SI	RAR	17.267	360.00	-36 085	-49 643	0	20.84	SI								
	QPR	0.910	13.07	-30 731	-40 507	0	14.36	SI																
Trave: Trave 1b-23				FRC=0.00 cm																				
0%	RAR	1.120	17.43	-36 085	-49 644	0	15.56	SI	RAR	17.267	360.00	-36 085	-49 644	0	20.84	SI								
	QPR	0.910	13.07	-30 731	-40 508	0	14.36	SI																
25.0%	RAR	0.201	17.43	-34 900	-12 591	0	86.64	SI	RAR	5.623	360.00	-34 900	-12 591	0	64.02	SI								
	QPR	0.133	13.07	-30 731	-9 308	0	98.41	SI																
50.0%	RAR	0.880	17.43	-30 636	40 168	0	19.81	SI	RAR	13.170	360.00	-30 636	40 168	0	27.33	SI								
	QPR	0.593	13.07	-30 731	28 394	0	22.03	SI																
75.0%	RAR	2.195	17.43	-30 636	94 310	0	7.94	SI	RAR	28.975	360.00	-30 636	94 310	0	12.42	SI								
	QPR	1.667	13.07	-30 731	72 602	0	7.83	SI																
100.0%	RAR	5.169	17.43	-30 636	155 191	0	3.37	SI	RAR	184.875	360.00	-30 636	155 191	0	1.94	SI								
	QPR	4.083	13.07	-30 731	123 284	0	3.20	SI																
Trave: Trave 23-31				FRC=0.02 cm																				
0%	RAR	5.867	17.43	-4 627	150 104	0	2.97	SI	RAR	253.396	360.00	-4 627	150 104	0	1.42	SI								
	QPR	4.691	13.07	-5 879	120 236	0	2.78	SI																
25.0%	RAR	0.637	17.43	-4 516	-26 146	0	27.38	SI	RAR	8.394	360.00	-4 516	-26 146	0	42.88	SI								
	QPR	0.438	13.07	-5 879	-18 347	0	29.84	SI																
50.0%	RAR	1.895	17.43	-4 516	-80 313	0	9.19	SI	RAR	22.197	360.00	-8 895	-79 599	0	16.21	SI								
	QPR	1.513	13.07	-5 879	-64 402	0	8.64	SI																
75.0%	RAR	0.616	17.43	-4 326	-25 310	0	28.27	SI	RAR	8.145	360.00	-4 627	-25 331	0	44.20	SI								
	QPR	0.469	13.07	-5 879	-19 604	0	27.85	SI																
100%	RAR	5.615	17.43	-4 516	143 656	0	3.10	SI	RAR	242.533	360.00	-4 516	143 656	0	1.48	SI								
	QPR	4.460	13.07	-5 879	114 283	0	2.93	SI																
Trave: Trave 31-37				FRC=0.03 cm																				
0%	RAR	5.998	17.43	-12 154	154 052	0	2.90	SI	RAR	263.465	360.00	-12 154	154 052	0	1.36	SI								
	QPR	4.855	13.07	-12 390	124 912	0	2.69	SI																
25.0%	RAR	0.531	17.43	-12 813	-22 985	0	32.81	SI	RAR	7.806	360.00	-12 813	-22 985	0	46.11	SI								
	QPR	0.405	13.07	-12 390	-17 847	0	32.31	SI																
50.0%	RAR	1.892	17.43	-11 568	-87 722	0	9.21	SI	RAR	27.158	360.00	-16 553	-87 802	0	13.25	SI								
	QPR	1.541	13.07	-12 390	-71 886	0	8.48	SI																
75.0%	RAR	1.181	17.43	-12 154	-48 988	0	14.76	SI	RAR	15.906	360.00	-12 154	-48 988	0	22.63	SI								
	QPR	0.933	13.07	-12 390	-39 087	0	14.00	SI																
100.0%	RAR	3.741	17.43	-12																				

Travi - verifiche delle tensioni di esercizio																	
%LLI Tp _{mf}	Compressione calcestruzzo Compressione calcestruzzo rinforzo								Verific ato	Trazione acciaio Trazione acciaio/FRP rinforzo							
	Id _{Cmb}	σ _{cc}	σ _{cd,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Id _{Cmb}		σ _{at}	σ _{td,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS		
[%]		[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]					[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]		
	QPR	4.880	13.07	22 861	64 114	0	2.67	SI									
Piano terra									Travata: Trave 8-16-17-25-32-38-41								
Trave: Trave 8-16				FRC=0.02 cm													
0%	RAR	1.473	17.43	-36 136	64 572	0	11.83	SI		RAR	21.222	360.00	-36 136	64 572	0	16.96	SI
	QPR	1.225	13.07	-32 467	54 023	0	10.67	SI									
25.0%	RAR	0.545	17.43	-33 849	-27 081	0	31.99	SI		RAR	9.993	360.00	-33 849	-27 081	0	36.02	SI
	QPR	0.452	13.07	-32 467	-23 056	0	28.90	SI									
50.0%	RAR	1.196	17.43	-33 849	-52 409	0	14.57	SI		RAR	18.080	360.00	-37 648	-52 002	0	19.91	SI
	QPR	1.074	13.07	-32 467	-47 307	0	12.17	SI									
75.0%	RAR	0.425	17.43	-36 136	-22 406	0	41.02	SI		RAR	8.656	360.00	-36 136	-22 406	0	41.58	SI
	QPR	0.348	13.07	-32 467	-18 725	0	37.57	SI									
100%	RAR	1.660	17.43	-33 849	71 888	0	10.50	SI		RAR	23.322	360.00	-33 849	71 888	0	15.43	SI
	QPR	1.437	13.07	-32 467	62 656	0	9.09	SI									
Trave: Trave 16-17				FRC=0.00 cm													
0%	RAR	1.007	17.43	-19 228	43 422	0	17.31	SI		RAR	14.091	360.00	-20 203	43 475	0	25.54	SI
	QPR	0.812	13.07	-19 220	35 492	0	16.10	SI									
25.0%	RAR	0.134	17.43	-20 203	8 053	0	NS	SI		RAR	3.396	360.00	-20 203	8 053	0	NS	SI
	QPR	0.097	13.07	-19 220	6 432	0	NS	SI									
50.0%	RAR	0.321	17.43	-19 999	-17 871	0	54.31	SI		RAR	6.237	360.00	-19 999	-17 871	0	57.72	SI
	QPR	0.138	13.07	-19 220	-9 174	0	95.03	SI									
75.0%	RAR	0.390	17.43	-20 662	-18 921	0	44.67	SI		RAR	6.866	360.00	-21 226	-18 918	0	52.43	SI
	QPR	0.211	13.07	-19 220	-11 288	0	62.00	SI									
100%	RAR	0.047	17.43	-19 228	-4 381	0	NS	SI		RAR	2.299	360.00	-19 228	-4 381	0	NS	SI
	QPR	0.000	13.07	0	0	0	-	SI									
Trave: Trave 17-25				FRC=0.00 cm													
0%	RAR	0.050	17.43	-18 683	-4 431	0	NS	SI		RAR	2.288	360.00	-18 683	-4 431	0	NS	SI
	QPR	0.000	13.07	0	0	0	-	SI									
25.0%	RAR	0.199	17.43	-23 990	11 210	0	87.44	SI		RAR	4.530	360.00	-23 990	11 210	0	79.47	SI
	QPR	0.119	13.07	-19 080	7 293	0	NS	SI									
50.0%	RAR	0.643	17.43	-20 336	28 773	0	27.11	SI		RAR	9.658	360.00	-20 336	28 773	0	37.27	SI
	QPR	0.453	13.07	-19 080	20 890	0	28.85	SI									
75.0%	RAR	1.192	17.43	-20 336	51 103	0	14.62	SI		RAR	16.401	360.00	-20 336	51 103	0	21.94	SI
	QPR	0.886	13.07	-19 080	38 517	0	14.74	SI									
100%	RAR	1.840	17.43	-20 336	77 461	0	9.47	SI		RAR	24.360	360.00	-20 336	77 461	0	14.77	SI
	QPR	1.419	13.07	-19 080	60 175	0	9.21	SI									
Trave: Trave 25-32				FRC=0.02 cm													
0%	RAR	3.963	17.43	-16 899	111 083	0	4.39	SI		RAR	156.032	360.00	-16 899	111 083	0	2.30	SI
	QPR	2.079	13.07	-16 423	86 694	0	6.28	SI									
25.0%	RAR	0.564	17.43	-17 550	-28 908	0	30.90	SI		RAR	9.415	360.00	-17 550	-28 908	0	38.23	SI
	QPR	0.395	13.07	-16 423	-20 838	0	33.08	SI									
50.0%	RAR	1.598	17.43	-16 898	-69 436	0	10.90	SI		RAR	19.918	360.00	-19 696	-69 456	0	18.07	SI
	QPR	1.248	13.07	-16 423	-54 614	0	10.47	SI									
75.0%	RAR	0.466	17.43	-16 897	-21 567	0	37.41	SI		RAR	7.479	360.00	-16 897	-21 567	0	48.13	SI
	QPR	0.334	13.07	-16 423	-16 030	0	39.14	SI									
100%	RAR	4.341	17.43	-17 550	121 583	0	4.01	SI		RAR	170.446	360.00	-17 550	121 583	0	2.11	SI
	QPR	2.240	13.07	-16 423	93 202	0	5.83	SI									
Trave: Trave 32-38				FRC=0.02 cm													
0%	RAR	4.290	17.43	-15 752	120 010	0	4.06	SI		RAR	167.648	360.00	-15 752	120 010	0	2.14	SI
	QPR	2.276	13.07	-14 469	94 415	0	5.74	SI									
25.0%	RAR	0.305	17.43	-15 557	-14 732	0	57.05	SI		RAR	5.300	360.00	-15 557	-14 732	0	67.92	SI
	QPR	0.190	13.07	-14 469	-9 795	0	68.81	SI									
50.0%	RAR	1.281	17.43	-15 557	-60 466	0	13.60	SI		RAR	18.940	360.00	-16 845	-60 421	0	19.00	SI
	QPR	1.004	13.07	-14 469	-47 703	0	13.02	SI									
75.0%	RAR	0.626	17.43	-15 751	-28 080	0	27.82	SI		RAR	9.439	360.00	-15 751	-28 080	0	38.14	SI
	QPR	0.461	13.07	-14 469	-21 028	0	28.37	SI									
100%	RAR	2.127	17.43	-15 557	88 495	0	8.19	SI		RAR	27.464	360.00	-15 557	88 495	0	13.10	SI
	QPR	1.639	13.07	-14 469	68 509	0	7.97	SI									
Trave: Trave 38-41				FRC=0.00 cm													
0%	RAR	0.834	17.43	-8 731	35 044	0	20.90	SI		RAR	10.998	360.00	-8 731	35 044	0	32.73	SI
	QPR	0.697	13.07	-7 583	29 330	0	18.75	SI									
25.0%	RAR	0.230	17.43	-8 731	10 476	0	75.84	SI		RAR	3.580	360.00	-8 731	10 476	0	NS	SI
	QPR	0.135	13.07	-7 583	6 474	0	96.78	SI									
50.0%	RAR	0.071	17.43	-8 644	-3 961	0	NS	SI		RAR	1.656	360.00	-8 644	-3 961	0	NS	SI
	QPR	0.085	13.07	-7 583	-4 399	0	NS	SI									
75.0%	RAR	0.067	17.43	-8 594	-3 796	0	NS	SI		RAR	1.602	360.00	-8 594	-3 796	0	NS	SI
	QPR	0.041	13.07	-7 583	-2 612	0	NS	SI									
100%	RAR	0.489	17.43	-7 112	20 576	0	35.60	SI		RAR	6.778	360.00	-7 112	20 576	0	53.11	SI
	QPR	0.287	13.07	-7 583	12 494	0	45.59	SI									
Fondazione									Travata: Trave 1-2-3-4-5-6-7-8								
Trave: Trave 1-2				FRC=0.07 cm													
0%	RAR	0.575	14.94	0	-16 395	0	25.97	SI		RAR	6.988	360.00	0	-16 395	0	51.52	SI
	QPR	0.515	11.21	0	-14 694	0	21.73	SI									
25.0%	RAR	0.352	14.94	0	10 036	0	42.43	SI		RAR	4.277	360.00	0	10 036	0	84.16	SI
	QPR	0.315	11.21	0	8 976	0	35.58	SI									
50.0%	RAR	0.559	14.94	0	15 932	0	26.73	SI		RAR	6.790	360.00	0	15 932	0	53.01	SI
	QPR	0.513	11.21	0	14 618	0	21.85	SI									
75.0%	RAR	0.126	14.94	0	3 598	0	NS	SI		RAR	1.533	360.00	0	3 598	0	NS	SI
	QPR	0.114	11.21	0	3 242	0	98.52	SI									
100%	RAR	1.267	14.94	2 313	-35 858	0	11.79	SI		RAR	15.151	360.00	2 313	-35 858	0	23.76	

Travi - verifiche delle tensioni di esercizio																	
%LLI Tp _{mf}	Compressione calcestruzzo Compressione calcestruzzo rinforzo								Trazione acciaio Trazione acciaio/FRP rinforzo								
	Id _{Cmb}	σ _{cc}	σ _{cd,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato	Id _{Cmb}	σ _{at}	σ _{td,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato	
[%]		[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]					[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]		
25.0%	RAR	0.141	14.94	0	4 023	0	NS	SI	RAR	1.715	360.00	0	4 023	0	NS	SI	
	QPR	0.121	11.21	0	3 463	0	92.24	SI									
50.0%	RAR	0.524	14.94	0	15 558	0	28.48	SI	RAR	5.907	360.00	0	15 558	0	60.94	SI	
	QPR	0.472	11.21	0	14 007	0	23.73	SI									
75.0%	RAR	0.186	14.94	0	5 290	0	80.51	SI	RAR	2.255	360.00	0	5 290	0	NS	SI	
	QPR	0.159	11.21	0	4 525	0	70.59	SI									
100%	RAR	1.217	14.94	0	-34 693	0	12.27	SI	RAR	14.786	360.00	0	-34 693	0	24.34	SI	
	QPR	1.073	11.21	0	-30 584	0	10.44	SI									
Trave: Trave 3-4				FRC=0.07 cm													
0%	RAR	1.264	14.94	0	-36 036	0	11.81	SI	RAR	15.358	360.00	0	-36 036	0	23.43	SI	
	QPR	1.098	11.21	0	-31 315	0	10.20	SI									
25.0%	RAR	0.153	14.94	0	4 371	0	97.43	SI	RAR	1.863	360.00	0	4 371	0	NS	SI	
	QPR	0.134	11.21	0	3 816	0	83.70	SI									
50.0%	RAR	0.564	14.94	0	16 076	0	26.49	SI	RAR	6.852	360.00	0	16 076	0	52.54	SI	
	QPR	0.507	11.21	0	14 440	0	22.12	SI									
75.0%	RAR	0.147	14.94	0	4 196	0	NS	SI	RAR	1.788	360.00	0	4 196	0	NS	SI	
	QPR	0.124	11.21	0	3 532	0	90.43	SI									
100.0%	RAR	1.319	14.94	0	-37 616	0	11.32	SI	RAR	16.032	360.00	0	-37 616	0	22.45	SI	
	QPR	1.164	11.21	0	-33 179	0	9.62	SI									
Trave: Trave 4-5				FRC=-0.07 cm													
0%	RAR	1.244	14.94	0	-35 467	0	12.00	SI	RAR	15.116	360.00	0	-35 467	0	23.81	SI	
	QPR	1.088	11.21	0	-31 007	0	10.30	SI									
25.0%	RAR	0.168	14.94	0	4 802	0	88.69	SI	RAR	2.047	360.00	0	4 802	0	NS	SI	
	QPR	0.145	11.21	0	4 120	0	77.53	SI									
50.0%	RAR	0.572	14.94	0	16 301	0	26.12	SI	RAR	6.947	360.00	0	16 301	0	51.81	SI	
	QPR	0.513	11.21	0	14 631	0	21.83	SI									
75.0%	RAR	0.207	14.94	0	5 890	0	72.31	SI	RAR	2.510	360.00	0	5 890	0	NS	SI	
	QPR	0.181	11.21	0	5 154	0	61.97	SI									
100%	RAR	1.311	14.94	0	-37 364	0	11.39	SI	RAR	15.924	360.00	0	-37 364	0	22.60	SI	
	QPR	1.161	11.21	0	-33 099	0	9.65	SI									
Trave: Trave 5-6				FRC=-0.07 cm													
0%	RAR	1.371	14.94	0	-39 088	0	10.89	SI	RAR	16.659	360.00	0	-39 088	0	21.60	SI	
	QPR	1.206	11.21	0	-34 386	0	9.28	SI									
25.0%	RAR	0.207	14.94	0	5 914	0	72.01	SI	RAR	2.521	360.00	0	5 914	0	NS	SI	
	QPR	0.183	11.21	0	5 209	0	61.32	SI									
50.0%	RAR	0.545	14.94	0	17 307	0	27.39	SI	RAR	7.143	360.00	0	17 307	0	50.39	SI	
	QPR	0.488	11.21	0	15 502	0	22.94	SI									
75.0%	RAR	0.162	14.94	0	4 630	0	91.98	SI	RAR	1.973	360.00	0	4 630	0	NS	SI	
	QPR	0.141	11.21	0	4 026	0	79.34	SI									
100%	RAR	1.620	14.94	0	-46 171	0	9.22	SI	RAR	19.678	360.00	0	-46 171	0	18.29	SI	
	QPR	1.435	11.21	0	-40 901	0	7.80	SI									
Trave: Trave 6-7				FRC=-0.01 cm													
0%	RAR	1.747	14.94	0	-49 805	0	8.55	SI	RAR	21.227	360.00	0	-49 805	0	16.95	SI	
	QPR	1.539	11.21	0	-43 879	0	7.27	SI									
25.0%	RAR	0.096	14.94	0	2 735	0	NS	SI	RAR	1.166	360.00	0	2 735	0	NS	SI	
	QPR	0.084	11.21	0	2 401	0	NS	SI									
50.0%	RAR	0.587	14.94	0	17 409	0	25.45	SI	RAR	6.609	360.00	0	17 409	0	54.46	SI	
	QPR	0.526	11.21	0	15 618	0	21.28	SI									
75.0%	RAR	0.273	14.94	0	7 790	0	54.67	SI	RAR	3.320	360.00	0	7 790	0	NS	SI	
	QPR	0.239	11.21	0	6 812	0	46.89	SI									
100%	RAR	1.070	14.94	0	-30 506	0	13.96	SI	RAR	13.002	360.00	0	-30 506	0	27.68	SI	
	QPR	0.954	11.21	0	-27 203	0	11.74	SI									
Trave: Trave 7-8				FRC=0.09 cm													
0%	RAR	1.133	14.94	0	-32 287	0	13.19	SI	RAR	13.761	360.00	0	-32 287	0	26.16	SI	
	QPR	1.000	11.21	0	-28 498	0	11.20	SI									
25.0%	RAR	0.324	14.94	0	9 237	0	46.10	SI	RAR	3.937	360.00	0	9 237	0	91.44	SI	
	QPR	0.291	11.21	0	8 295	0	38.50	SI									
50.0%	RAR	0.695	14.94	0	19 826	0	21.48	SI	RAR	8.450	360.00	0	19 826	0	42.60	SI	
	QPR	0.633	11.21	0	18 045	0	17.70	SI									
75.0%	RAR	0.390	14.94	0	11 116	0	38.31	SI	RAR	4.738	360.00	0	11 116	0	75.98	SI	
	QPR	0.349	11.21	0	9 938	0	32.14	SI									
100.0%	RAR	1.190	14.94	35 312	-30 095	0	12.55	SI	RAR	10.812	360.00	35 312	-30 095	0	33.29	SI	
	QPR	1.071	11.21	33 013	-26 966	0	10.45	SI									
Fondazione				Travata: Trave 9-10-11-12-13-14-15-16													
Trave: Trave 9-10				FRC=-0.05 cm													
0%	RAR	0.807	14.94	16 227	-21 241	0	18.51	SI	RAR	8.127	360.00	16 227	-21 241	0	44.29	SI	
	QPR	0.748	11.21	15 654	-19 639	0	14.97	SI									
25.0%	RAR	0.283	14.94	0	8 072	0	52.76	SI	RAR	3.440	360.00	0	8 072	0	NS	SI	
	QPR	0.247	11.21	0	7 042	0	45.36	SI									
50.0%	RAR	0.594	14.94	0	16 931	0	25.15	SI	RAR	7.216	360.00	0	16 931	0	49.88	SI	
	QPR	0.544	11.21	0	15 515	0	20.58	SI									
75.0%	RAR	0.222	14.94	0	6 328	0	67.30	SI	RAR	2.697	360.00	0	6 328	0	NS	SI	
	QPR	0.207	11.21	0	5 908	0	54.06	SI									
100%	RAR	0.958	14.94	-201	-27 325	0	15.59	SI	RAR	11.657	360.00	-201	-27 325	0	30.88	SI	
	QPR	0.810	11.21	-123	-23 094	0	13.83	SI									
Trave: Trave 10-11				FRC=-0.05 cm													
0%	RAR	1.036	14.94	-5	-29 543	0	14.41	SI	RAR	12.591	360.00	-5	-29 543	0	28.59	SI	
	QPR	0.884	11.21	123	-25 193	0	12.67	SI									
25.0%	RAR	0.127	14.94	0	3 633	0	NS	SI	RAR	1.548	360.00	0	3 633	0	NS	SI	
	QPR	0.110	11.21	0	3 134	0	NS	SI									
50.0%	RAR	0.407	14.94	0	12 071	0	36.71	SI	RAR	4.583	360.00	0	12 071	0	78.55	SI	
	QPR	0.356	11.21	0	10 546	0	31.51	SI									
75.0%	RAR	0.155	14.94	0	4 432	0	96.09	SI	RAR	1.889	360.00	0	4 432	0	NS	SI	
	QPR																

%LLI Tp _{mf}	Compressione calcestruzzo								Trazione acciaio							
	Compressione calcestruzzo rinforzo								Trazione acciaio/FRP rinforzo							
	Id _{Cmb}	σ _{cc}	σ _{cd,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato	Id _{Cmb}	σ _{at}	σ _{td,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato
[%]		[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]				[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]		
100%	QPR	0.133	11.21	0	3 798	0	84.10	SI								
	RAR	0.978	14.94	0	-27 882	0	15.27	SI	RAR	11.883	360.00	0	-27 882	0	30.29	SI
	QPR	0.842	11.21	0	-24 007	0	13.30	SI								
Trave: Trave 11-12 FRC=-0.05 cm																
0%	RAR	1.037	14.94	0	-29 556	0	14.41	SI	RAR	12.597	360.00	0	-29 556	0	28.57	SI
	QPR	0.894	11.21	0	-25 486	0	12.53	SI								
25.0%	RAR	0.118	14.94	0	3 358	0	NS	SI	RAR	1.431	360.00	0	3 358	0	NS	SI
	QPR	0.100	11.21	0	2 850	0	NS	SI								
50.0%	RAR	0.419	14.94	0	11 957	0	35.61	SI	RAR	5.096	360.00	0	11 957	0	70.64	SI
	QPR	0.365	11.21	0	10 413	0	30.67	SI								
75.0%	RAR	0.155	14.94	0	4 408	0	96.62	SI	RAR	1.879	360.00	0	4 408	0	NS	SI
	QPR	0.133	11.21	0	3 791	0	84.26	SI								
100%	RAR	0.951	14.94	0	-27 121	0	15.70	SI	RAR	11.559	360.00	0	-27 121	0	31.14	SI
	QPR	0.819	11.21	0	-23 337	0	13.68	SI								
Trave: Trave 12-13 FRC=-0.06 cm																
0%	RAR	0.993	14.94	0	-28 298	0	15.05	SI	RAR	12.061	360.00	0	-28 298	0	29.84	SI
	QPR	0.855	11.21	0	-24 379	0	13.10	SI								
25.0%	RAR	0.222	14.94	0	6 317	0	67.42	SI	RAR	2.692	360.00	0	6 317	0	NS	SI
	QPR	0.194	11.21	0	5 522	0	57.84	SI								
50.0%	RAR	0.487	14.94	0	13 881	0	30.68	SI	RAR	5.916	360.00	0	13 881	0	60.85	SI
	QPR	0.426	11.21	0	12 156	0	26.27	SI								
75.0%	RAR	0.164	14.94	0	4 668	0	91.23	SI	RAR	1.989	360.00	0	4 668	0	NS	SI
	QPR	0.141	11.21	0	4 009	0	79.67	SI								
100%	RAR	1.517	14.94	0	-43 233	0	9.85	SI	RAR	18.426	360.00	0	-43 233	0	19.53	SI
	QPR	1.329	11.21	0	-37 894	0	8.42	SI								
Trave: Trave 13-14 FRC=0.07 cm																
0%	RAR	1.389	14.94	0	-39 588	0	10.75	SI	RAR	16.872	360.00	0	-39 588	0	21.33	SI
	QPR	1.218	11.21	0	-34 712	0	9.20	SI								
25.0%	RAR	0.317	14.94	0	9 024	0	47.19	SI	RAR	3.846	360.00	0	9 024	0	93.60	SI
	QPR	0.273	11.21	0	7 787	0	41.02	SI								
50.0%	RAR	0.634	14.94	0	20 114	0	23.57	SI	RAR	8.301	360.00	0	20 114	0	43.36	SI
	QPR	0.560	11.21	0	17 782	0	20.00	SI								
75.0%	RAR	0.105	14.94	0	2 984	0	NS	SI	RAR	1.272	360.00	0	2 984	0	NS	SI
	QPR	0.090	11.21	0	2 557	0	NS	SI								
100.0%	RAR	4.099	14.94	0	-69 054	0	3.64	SI	RAR	182.671	360.00	0	-69 054	0	1.97	SI
	QPR	2.111	11.21	0	-60 179	0	5.30	SI								
Trave: Trave 14-15 FRC=0.04 cm																
0%	RAR	4.276	14.94	0	-72 050	0	3.49	SI	RAR	190.596	360.00	0	-72 050	0	1.88	SI
	QPR	3.735	11.21	0	-62 921	0	3.00	SI								
25.0%	RAR	0.030	14.94	0	-850	0	NS	SI	RAR	0.362	360.00	0	-850	0	NS	SI
	QPR	0.014	11.21	0	-411	0	NS	SI								
50.0%	RAR	0.672	14.94	0	19 927	0	22.24	SI	RAR	7.565	360.00	0	19 927	0	47.58	SI
	QPR	0.595	11.21	0	17 651	0	18.83	SI								
75.0%	RAR	0.413	14.94	0	11 763	0	36.20	SI	RAR	5.013	360.00	0	11 763	0	71.80	SI
	QPR	0.357	11.21	0	10 189	0	31.35	SI								
100.0%	RAR	0.232	14.94	0	-6 611	0	64.42	SI	RAR	2.818	360.00	0	-6 611	0	NS	SI
	QPR	0.190	11.21	0	-5 418	0	58.95	SI								
Trave: Trave 15-16 FRC=0.08 cm																
0%	RAR	0.275	14.94	0	-7 831	0	54.38	SI	RAR	3.338	360.00	0	-7 831	0	NS	SI
	QPR	0.221	11.21	0	-6 290	0	50.78	SI								
25.0%	RAR	0.470	14.94	0	13 390	0	31.80	SI	RAR	5.707	360.00	0	13 390	0	63.08	SI
	QPR	0.411	11.21	0	11 718	0	27.25	SI								
50.0%	RAR	0.607	14.94	0	17 300	0	24.61	SI	RAR	7.373	360.00	0	17 300	0	48.82	SI
	QPR	0.547	11.21	0	15 581	0	20.50	SI								
75.0%	RAR	0.291	14.94	0	8 301	0	51.30	SI	RAR	3.538	360.00	0	8 301	0	NS	SI
	QPR	0.258	11.21	0	7 344	0	43.49	SI								
100.0%	RAR	1.559	14.94	33 731	-40 781	0	9.58	SI	RAR	15.456	360.00	33 731	-40 781	0	23.29	SI
	QPR	1.365	11.21	30 331	-35 627	0	8.20	SI								
Fondazione Travata: Trave 18-19-20-21-22-23-24																
Trave: Trave 18-19 FRC=-0.05 cm																
0%	RAR	0.946	14.94	24 385	-24 324	0	15.79	SI	RAR	8.976	360.00	24 385	-24 324	0	40.10	SI
	QPR	0.880	11.21	23 309	-22 572	0	12.72	SI								
25.0%	RAR	0.252	14.94	0	7 181	0	59.31	SI	RAR	3.061	360.00	0	7 181	0	NS	SI
	QPR	0.215	11.21	0	6 128	0	52.12	SI								
50.0%	RAR	0.582	14.94	0	16 598	0	25.66	SI	RAR	7.074	360.00	0	16 598	0	50.89	SI
	QPR	0.532	11.21	0	15 164	0	21.06	SI								
75.0%	RAR	0.237	14.94	0	6 764	0	62.96	SI	RAR	2.883	360.00	0	6 764	0	NS	SI
	QPR	0.222	11.21	0	6 342	0	50.36	SI								
100%	RAR	0.954	14.94	282	-27 152	0	15.66	SI	RAR	11.556	360.00	282	-27 152	0	31.15	SI
	QPR	0.796	11.21	330	-22 667	0	14.07	SI								
Trave: Trave 19-20 FRC=-0.05 cm																
0%	RAR	1.031	14.94	-502	-29 458	0	14.48	SI	RAR	12.584	360.00	-502	-29 458	0	28.60	SI
	QPR	0.865	11.21	-327	-24 705	0	12.94	SI								
25.0%	RAR	0.139	14.94	0	3 959	0	NS	SI	RAR	1.687	360.00	0	3 959	0	NS	SI
	QPR	0.119	11.21	0	3 392	0	94.17	SI								
50.0%	RAR	0.408	14.94	0	12 099	0	36.63	SI	RAR	4.593	360.00	0	12 099	0	78.37	SI
	QPR	0.353	11.21	0	10 470	0	31.74	SI								
75.0%	RAR	0.157	14.94	0	4 477	0	95.13	SI	RAR	1.908	360.00	0	4 477	0	NS	SI
	QPR	0.132	11.21	0	3 772	0	84.68	SI								
100%	RAR	1.036	14.94	-1 427	-29 701	0	14.41	SI	RAR	12.740	360.00	-1 427	-29 701	0	28.25	SI
	QPR	0.882	11.21	-1 164	-25 259	0	12.70	SI								
Trave: Trave 20-21 FRC=-0.01 cm																
0%	RAR	1.005	14.94	1 215	-28 515	0	14.86	SI	RAR	12.084	360.00	1 215	-28 515	0	29.79	SI

Travi - verifiche delle tensioni di esercizio																	
%LLI Tp _{mf}	Compressione calcestruzzo Compressione calcestruzzo rinforzo								Verific ato	Trazione acciaio Trazione acciaio/FRP rinforzo							
	IdCmb	σ _{cc}	σ _{cd,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	IdCmb		σ _{at}	σ _{td,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS		
[%]		[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]					[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]		Verific ato
25.0%	QPR	0.852	11.21	1 164	-24 150	0	13.15	SI									
	RAR	0.139	14.94	0	3 959	0	NS	SI	RAR	1.687	360.00	0	3 959	0	NS	SI	
	QPR	0.117	11.21	0	3 340	0	95.63	SI									
50.0%	RAR	0.446	14.94	0	12 709	0	33.51	SI	RAR	5.417	360.00	0	12 709	0	66.46	SI	
	QPR	0.385	11.21	0	10 987	0	29.07	SI									
75.0%	RAR	0.140	14.94	0	3 988	0	NS	SI	RAR	1.700	360.00	0	3 988	0	NS	SI	
	QPR	0.118	11.21	0	3 355	0	95.21	SI									
100%	RAR	1.041	14.94	473	-29 614	0	14.35	SI	RAR	12.594	360.00	473	-29 614	0	28.58	SI	
	QPR	0.883	11.21	514	-25 109	0	12.69	SI									
Trave: Trave 21-22 FRC=-0.06 cm																	
0%	RAR	0.998	14.94	-716	-28 517	0	14.97	SI	RAR	12.195	360.00	-716	-28 517	0	29.52	SI	
	QPR	0.840	11.21	-514	-23 997	0	13.34	SI									
25.0%	RAR	0.210	14.94	0	6 000	0	70.98	SI	RAR	2.557	360.00	0	6 000	0	NS	SI	
	QPR	0.182	11.21	0	5 202	0	61.40	SI									
50.0%	RAR	0.494	14.94	0	14 094	0	30.21	SI	RAR	6.007	360.00	0	14 094	0	59.93	SI	
	QPR	0.430	11.21	0	12 263	0	26.04	SI									
75.0%	RAR	0.170	14.94	0	4 843	0	87.94	SI	RAR	2.064	360.00	0	4 843	0	NS	SI	
	QPR	0.143	11.21	0	4 081	0	78.27	SI									
100%	RAR	1.536	14.94	664	-43 718	0	9.72	SI	RAR	18.595	360.00	664	-43 718	0	19.36	SI	
	QPR	1.339	11.21	885	-38 085	0	8.36	SI									
Trave: Trave 22-23 FRC=-0.01 cm																	
0%	RAR	1.449	14.94	-974	-41 415	0	10.31	SI	RAR	17.707	360.00	-974	-41 415	0	20.33	SI	
	QPR	1.261	11.21	-885	-36 040	0	8.88	SI									
25.0%	RAR	0.284	14.94	0	8 088	0	52.65	SI	RAR	3.447	360.00	0	8 088	0	NS	SI	
	QPR	0.237	11.21	0	6 752	0	47.30	SI									
50.0%	RAR	0.623	14.94	0	18 481	0	23.98	SI	RAR	7.016	360.00	0	18 481	0	51.30	SI	
	QPR	0.548	11.21	0	16 249	0	20.45	SI									
75.0%	RAR	0.166	14.94	0	4 736	0	89.92	SI	RAR	2.018	360.00	0	4 736	0	NS	SI	
	QPR	0.143	11.21	0	4 063	0	78.61	SI									
100%	RAR	2.171	14.94	6 276	-61 207	0	6.88	SI	RAR	25.728	360.00	6 276	-61 207	0	13.99	SI	
	QPR	1.846	11.21	5 678	-52 014	0	6.06	SI									
Trave: Trave 23-24 FRC=-0.07 cm																	
0%	RAR	3.979	14.94	-6 947	-67 417	0	3.75	SI	RAR	182.705	360.00	-6 947	-67 417	0	1.97	SI	
	QPR	2.004	11.21	-5 679	-57 748	0	5.59	SI									
25.0%	RAR	0.008	14.94	0	236	0	NS	SI	RAR	0.101	360.00	0	236	0	NS	SI	
	QPR	0.003	11.21	0	96	0	NS	SI									
50.0%	RAR	0.640	14.94	0	18 240	0	23.35	SI	RAR	7.774	360.00	0	18 240	0	46.30	SI	
	QPR	0.558	11.21	0	15 896	0	20.09	SI									
75.0%	RAR	0.428	14.94	0	12 210	0	34.88	SI	RAR	5.204	360.00	0	12 210	0	69.17	SI	
	QPR	0.364	11.21	0	10 376	0	30.78	SI									
100%	RAR	0.189	14.94	738	-5 305	0	79.09	SI	RAR	2.219	360.00	738	-5 305	0	NS	SI	
	QPR	0.148	11.21	962	-4 101	0	75.95	SI									
Fondazione Travata: Trave 25-24																	
Trave: Trave 25-24 FRC=-0.06 cm																	
0%	RAR	1.363	17.43	0	-38 870	0	12.78	SI	RAR	16.566	360.00	0	-38 870	0	21.73	SI	
	QPR	1.162	13.07	0	-33 113	0	11.25	SI									
25.0%	RAR	0.401	17.43	0	11 438	0	43.44	SI	RAR	4.875	360.00	0	11 438	0	73.84	SI	
	QPR	0.344	13.07	0	9 804	0	38.01	SI									
50.0%	RAR	0.743	17.43	0	21 179	0	23.46	SI	RAR	9.026	360.00	0	21 179	0	39.88	SI	
	QPR	0.645	13.07	0	18 398	0	20.25	SI									
75.0%	RAR	0.538	17.43	0	15 337	0	32.39	SI	RAR	6.537	360.00	0	15 337	0	55.07	SI	
	QPR	0.461	13.07	0	13 151	0	28.33	SI									
100%	RAR	0.101	17.43	-1 171	-3 006	0	NS	SI	RAR	1.348	360.00	-1 171	-3 006	0	NS	SI	
	QPR	0.066	13.07	-960	-1 975	0	NS	SI									
Fondazione Travata: Trave 26-27-28-29-30-31-1c-32																	
Trave: Trave 26-27 FRC=0.06 cm																	
0%	RAR	0.843	14.94	34 783	-20 267	0	17.71	SI	RAR	7.124	360.00	26 897	-20 317	0	50.53	SI	
	QPR	0.801	11.21	31 707	-19 409	0	13.98	SI									
25.0%	RAR	0.299	14.94	0	8 520	0	49.98	SI	RAR	3.631	360.00	0	8 520	0	99.14	SI	
	QPR	0.262	11.21	0	7 459	0	42.82	SI									
50.0%	RAR	0.569	14.94	0	16 212	0	26.27	SI	RAR	6.910	360.00	0	16 212	0	52.10	SI	
	QPR	0.521	11.21	0	14 857	0	21.50	SI									
75.0%	RAR	0.146	14.94	0	4 150	0	NS	SI	RAR	1.769	360.00	0	4 150	0	NS	SI	
	QPR	0.138	11.21	0	3 923	0	81.42	SI									
100%	RAR	1.398	14.94	-1 123	-39 968	0	10.68	SI	RAR	17.098	360.00	-1 123	-39 968	0	21.05	SI	
	QPR	1.228	11.21	-712	-35 083	0	9.12	SI									
Trave: Trave 27-28 FRC=-0.06 cm																	
0%	RAR	1.523	14.94	-4	-43 425	0	9.80	SI	RAR	18.508	360.00	-4	-43 425	0	19.45	SI	
	QPR	1.353	11.21	704	-38 497	0	8.28	SI									
25.0%	RAR	0.159	14.94	0	4 545	0	93.70	SI	RAR	1.937	360.00	0	4 545	0	NS	SI	
	QPR	0.134	11.21	0	3 820	0	83.62	SI									
50.0%	RAR	0.598	14.94	0	17 744	0	24.97	SI	RAR	6.736	360.00	0	17 744	0	53.44	SI	
	QPR	0.541	11.21	0	16 040	0	20.72	SI									
75.0%	RAR	0.239	14.94	0	6 824	0	62.41	SI	RAR	2.908	360.00	0	6 824	0	NS	SI	
	QPR	0.213	11.21	0	6 071	0	52.61	SI									
100%	RAR	1.460	14.94	-513	-41 670	0	10.23	SI	RAR	17.789	360.00	-513	-41 670	0	20.23	SI	
	QPR	1.271	11.21	-113	-36 251	0	8.81	SI									
Trave: Trave 28-29 FRC=0.06 cm																	
0%	RAR	1.488	14.94	-553	-42 472	0	10.04	SI	RAR	18.133	360.00	-553	-42 472	0	19.85	SI	
	QPR	1.308	11.21	113	-37 280	0	8.56	SI									
25.0%	RAR	0.196	14.94	0	5 598	0	76.08	SI	RAR	2.386	360.00	0	5 598	0	NS	SI	
	QPR	0.168	11.21	0	4 782	0	66.79	SI									
50.0%	RAR	0.639	14.94	0	18 211	0	23.38	SI	RAR	7.762	360.00	0	18 211	0	46.38	SI	

Travi - verifiche delle tensioni di esercizio																	
%LLI Tp _{mf}	Compressione calcestruzzo Compressione calcestruzzo rinforzo								Verific ato	Trazione acciaio Trazione acciaio/FRP rinforzo							
	Id _{Cmb}	σ _{cc}	σ _{cd,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Id _{Cmb}		σ _{at}	σ _{td,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS		
[%]		[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]					[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]		Verific ato
75.0%	QPR	0.570	11.21	0	16 263	0	19.64	SI									
	RAR	0.207	14.94	0	5 913	0	72.02	SI		RAR	2.520	360.00	0	5 913	0	NS	SI
	QPR	0.179	11.21	0	5 116	0	62.43	SI									
100.0%	RAR	1.467	14.94	841	-41 730	0	10.18	SI		RAR	17.737	360.00	841	-41 730	0	20.29	SI
	QPR	1.278	11.21	1 133	-36 322	0	8.76	SI									
Trave: Trave 29-30 FRC=-0.06 cm																	
0%	RAR	1.603	14.94	-1 922	-45 913	0	9.31	SI		RAR	19.678	360.00	-1 922	-45 913	0	18.29	SI
	QPR	1.407	11.21	-1 133	-40 242	0	7.96	SI									
25.0%	RAR	0.180	14.94	0	5 138	0	82.89	SI		RAR	2.190	360.00	0	5 138	0	NS	SI
	QPR	0.152	11.21	0	4 323	0	73.89	SI									
50.0%	RAR	0.670	14.94	0	19 098	0	22.30	SI		RAR	8.140	360.00	0	19 098	0	44.22	SI
	QPR	0.594	11.21	0	16 928	0	18.86	SI									
75.0%	RAR	0.264	14.94	0	7 518	0	56.65	SI		RAR	3.204	360.00	0	7 518	0	NS	SI
	QPR	0.231	11.21	0	6 588	0	48.48	SI									
100%	RAR	1.569	14.94	-870	-44 831	0	9.52	SI		RAR	19.157	360.00	-870	-44 831	0	18.79	SI
	QPR	1.363	11.21	-673	-38 927	0	8.22	SI									
Trave: Trave 30-31 FRC=0.07 cm																	
0%	RAR	1.584	14.94	653	-45 085	0	9.43	SI		RAR	19.178	360.00	653	-45 085	0	18.77	SI
	QPR	1.378	11.21	672	-39 219	0	8.12	SI									
25.0%	RAR	0.345	14.94	0	9 827	0	43.34	SI		RAR	4.188	360.00	0	9 827	0	85.95	SI
	QPR	0.291	11.21	0	8 284	0	38.55	SI									
50.0%	RAR	0.720	14.94	0	21 344	0	20.76	SI		RAR	8.103	360.00	0	21 344	0	44.42	SI
	QPR	0.632	11.21	0	18 760	0	17.71	SI									
75.0%	RAR	0.135	14.94	0	3 835	0	NS	SI		RAR	1.634	360.00	0	3 835	0	NS	SI
	QPR	0.115	11.21	0	3 279	0	97.41	SI									
100.0%	RAR	4.418	14.94	-2 718	-74 535	0	3.38	SI		RAR	198.975	360.00	-2 718	-74 535	0	1.80	SI
	QPR	3.750	11.21	-2 167	-63 293	0	2.98	SI									
Trave: Trave 31-1c FRC=-0.02 cm																	
0%	RAR	4.560	14.94	2 340	-76 749	0	3.27	SI		RAR	201.459	360.00	2 340	-76 749	0	1.78	SI
	QPR	3.908	11.21	2 078	-65 732	0	2.86	SI									
25.0%	RAR	0.040	14.94	0	-1 139	0	NS	SI		RAR	0.485	360.00	0	-1 139	0	NS	SI
	QPR	0.030	11.21	0	-841	0	NS	SI									
50.0%	RAR	0.747	14.94	0	21 307	0	19.98	SI		RAR	9.081	360.00	0	21 307	0	39.64	SI
	QPR	0.649	11.21	0	18 489	0	17.27	SI									
75.0%	RAR	0.660	14.94	0	18 820	0	22.63	SI		RAR	8.021	360.00	0	18 820	0	44.88	SI
	QPR	0.571	11.21	0	16 282	0	19.61	SI									
100%	RAR	0.635	14.94	0	18 099	0	23.53	SI		RAR	7.714	360.00	0	18 099	0	46.66	SI
	QPR	0.543	11.21	0	15 468	0	20.65	SI									
Trave: Trave 1c-32 FRC=0.08 cm																	
0%	RAR	0.859	14.94	0	24 475	0	17.40	SI		RAR	10.431	360.00	0	24 475	0	34.51	SI
	QPR	0.736	11.21	0	20 986	0	15.22	SI									
25.0%	RAR	0.644	14.94	0	18 365	0	23.19	SI		RAR	7.827	360.00	0	18 365	0	45.99	SI
	QPR	0.550	11.21	0	15 679	0	20.37	SI									
50.0%	RAR	0.237	14.94	0	6 766	0	62.94	SI		RAR	2.884	360.00	0	6 766	0	NS	SI
	QPR	0.199	11.21	0	5 665	0	56.38	SI									
75.0%	RAR	0.142	14.94	0	-4 062	0	NS	SI		RAR	1.731	360.00	0	-4 062	0	NS	SI
	QPR	0.110	11.21	0	-3 131	0	NS	SI									
100.0%	RAR	1.546	14.94	20 231	-41 869	0	9.66	SI		RAR	16.690	360.00	20 231	-41 869	0	21.56	SI
	QPR	1.306	11.21	17 834	-35 301	0	8.57	SI									
Fondazione Travata: Trave 33-34-35-36-39-40-41-2c																	
Trave: Trave 33-34 FRC=0.07 cm																	
0%	RAR	0.544	14.94	19 644	-13 385	0	27.45	SI		RAR	4.908	360.00	12 805	-13 230	0	73.34	SI
	QPR	0.505	11.21	17 559	-12 487	0	22.19	SI									
25.0%	RAR	0.319	14.94	0	9 088	0	46.86	SI		RAR	3.873	360.00	0	9 088	0	92.94	SI
	QPR	0.280	11.21	0	7 985	0	40.00	SI									
50.0%	RAR	0.398	14.94	0	11 347	0	37.53	SI		RAR	4.836	360.00	0	11 347	0	74.44	SI
	QPR	0.358	11.21	0	10 203	0	31.30	SI									
75.0%	RAR	0.034	14.94	0	965	0	NS	SI		RAR	0.411	360.00	0	965	0	NS	SI
	QPR	0.031	11.21	0	893	0	NS	SI									
100%	RAR	1.087	14.94	-3 661	-31 372	0	13.75	SI		RAR	13.580	360.00	-3 661	-31 372	0	26.51	SI
	QPR	0.957	11.21	-2 743	-27 592	0	11.70	SI									
Trave: Trave 34-35 FRC=-0.01 cm																	
0%	RAR	1.129	14.94	3 098	-31 848	0	13.23	SI		RAR	13.397	360.00	3 098	-31 848	0	26.87	SI
	QPR	1.007	11.21	2 916	-28 393	0	11.12	SI									
25.0%	RAR	0.185	14.94	0	5 264	0	80.90	SI		RAR	2.244	360.00	0	5 264	0	NS	SI
	QPR	0.159	11.21	0	4 529	0	70.52	SI									
50.0%	RAR	0.483	14.94	0	13 779	0	30.90	SI		RAR	5.873	360.00	0	13 779	0	61.30	SI
	QPR	0.435	11.21	0	12 402	0	25.75	SI									
75.0%	RAR	0.129	14.94	0	3 665	0	NS	SI		RAR	1.562	360.00	0	3 665	0	NS	SI
	QPR	0.114	11.21	0	3 263	0	97.89	SI									
100%	RAR	1.195	14.94	0	-34 063	0	12.50	SI		RAR	14.518	360.00	0	-34 063	0	24.79	SI
	QPR	1.048	11.21	0	-29 888	0	10.68	SI									
Trave: Trave 35-36 FRC=-0.01 cm																	
0%	RAR	1.223	14.94	0	-34 870	0	12.21	SI		RAR	14.862	360.00	0	-34 870	0	24.22	SI
	QPR	1.089	11.21	0	-31 040	0	10.29	SI									
25.0%	RAR	0.166	14.94	0	4 743	0	89.79	SI		RAR	2.021	360.00	0	4 743	0	NS	SI
	QPR	0.142	11.21	0	4 036	0	79.14	SI									
50.0%	RAR	0.467	14.94	0	13 323	0	31.96	SI		RAR	5.678	360.00	0	13 323	0	63.39	SI
	QPR	0.418	11.21	0	11 907	0	26.82	SI									
75.0%	RAR	0.198	14.94	0	5 643	0	75.47	SI		RAR	2.405	360.00	0	5 643	0	NS	SI
	QPR	0.175	11.21	0	5 000	0	63.88	SI									
100%	RAR	1.276	14.94	0	-36 376	0	11.70	SI		RAR	15.503	360.00	0	-36 376	0	23.22	SI
	QPR	1.1															

%LLI Tp _{mf}	Compressione calcestruzzo								Verific ato	Trazione acciaio															
	Compressione calcestruzzo rinforzo									Trazione acciaio/FRP rinforzo															
	Id _{Cmb}	σ _{cc}	σ _{cd,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Id _{Cmb}		σ _{at}	σ _{td,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS										
[%]		[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]					[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]		Verific ato								
Trave: Trave 36-39																									
				FRC=-0.01 cm																					
0%	RAR	1.360	14.94	0	-38 769	0	10.98	SI	RAR	16.523	360.00	0	-38 769	0	21.78	SI									
	QPR	1.206	11.21	0	-34 373	0	9.29	SI																	
25.0%	RAR	0.165	14.94	0	4 906	0	90.33	SI	RAR	1.863	360.00	0	4 906	0	NS	SI									
	QPR	0.143	11.21	0	4 237	0	78.45	SI																	
50.0%	RAR	0.516	14.94	0	14 719	0	28.93	SI	RAR	6.273	360.00	0	14 719	0	57.38	SI									
	QPR	0.460	11.21	0	13 127	0	24.33	SI																	
75.0%	RAR	0.205	14.94	0	5 837	0	72.96	SI	RAR	2.488	360.00	0	5 837	0	NS	SI									
	QPR	0.180	11.21	0	5 139	0	62.15	SI																	
100%	RAR	1.236	14.94	0	-35 235	0	12.08	SI	RAR	15.017	360.00	0	-35 235	0	23.97	SI									
	QPR	1.081	11.21	0	-30 808	0	10.36	SI																	
Trave: Trave 39-40																									
				FRC=-0.07 cm																					
0%	RAR	1.457	14.94	-19	-41 551	0	10.25	SI	RAR	17.710	360.00	-19	-41 551	0	20.32	SI									
	QPR	1.293	11.21	-16	-36 867	0	8.66	SI																	
25.0%	RAR	0.275	14.94	0	7 847	0	54.27	SI	RAR	3.344	360.00	0	7 847	0	NS	SI									
	QPR	0.241	11.21	0	6 884	0	46.40	SI																	
50.0%	RAR	0.498	14.94	0	14 771	0	30.00	SI	RAR	5.608	360.00	0	14 771	0	64.19	SI									
	QPR	0.446	11.21	0	13 221	0	25.14	SI																	
75.0%	RAR	0.069	14.94	0	-1 959	0	NS	SI	RAR	0.835	360.00	0	-1 959	0	NS	SI									
	QPR	0.046	11.21	0	-1 313	0	NS	SI																	
100.0%	RAR	1.552	14.94	-7 510	-45 048	0	9.62	SI	RAR	19.628	360.00	-7 510	-45 048	0	18.34	SI									
	QPR	1.370	11.21	-5 937	-39 705	0	8.17	SI																	
Trave: Trave 40-41																									
				FRC=-0.02 cm																					
0%	RAR	1.429	14.94	6 203	-40 070	0	10.45	SI	RAR	16.724	360.00	6 203	-40 070	0	21.52	SI									
	QPR	1.271	11.21	5 420	-35 651	0	8.81	SI																	
25.0%	RAR	0.324	14.94	0	9 243	0	46.07	SI	RAR	3.939	360.00	0	9 243	0	91.38	SI									
	QPR	0.291	11.21	0	8 302	0	38.47	SI																	
50.0%	RAR	0.526	14.94	0	14 981	0	28.42	SI	RAR	6.385	360.00	0	14 981	0	56.38	SI									
	QPR	0.475	11.21	0	13 546	0	23.58	SI																	
75.0%	RAR	0.556	14.94	0	15 839	0	26.88	SI	RAR	6.751	360.00	0	15 839	0	53.32	SI									
	QPR	0.501	11.21	0	14 286	0	22.35	SI																	
100%	RAR	0.957	14.94	58 719	-20 904	0	15.61	SI	RAR	5.917	360.00	51 663	-20 799	0	60.84	SI									
	QPR	0.873	11.21	52 897	-19 159	0	12.83	SI																	
Trave: Trave 41-2c																									
				FRC=0.00 cm																					
0%	RAR	0.587	14.94	55 112	-10 749	0	25.46	SI	RAR	1.529	360.00	52 338	-10 595	0	NS	SI									
	QPR	0.529	11.21	48 840	-9 781	0	21.18	SI																	
25.0%	RAR	0.558	14.94	55 112	-9 921	0	26.79	SI	RAR	1.166	360.00	52 338	-9 743	0	NS	SI									
	QPR	0.502	11.21	48 840	-9 019	0	22.31	SI																	
50.0%	RAR	0.526	14.94	55 112	-9 032	0	28.37	SI	RAR	0.777	360.00	52 338	-8 830	0	NS	SI									
	QPR	0.473	11.21	48 840	-8 196	0	23.67	SI																	
75.0%	RAR	0.493	14.94	55 112	-8 083	0	30.29	SI	RAR	0.363	360.00	52 338	-7 858	0	NS	SI									
	QPR	0.442	11.21	48 840	-7 313	0	25.33	SI																	
100.0%	RAR	0.458	14.94	55 112	-7 073	0	32.63	SI	RAR	0.000	360.00	0	0	0	-	SI									
	QPR	0.409	11.21	48 840	-6 370	0	27.38	SI																	
Fondazione										Travata: Trave 1-9-18-26-33															
Trave: Trave 1-9																									
				FRC=0.06 cm																					
0%	RAR	0.430	14.94	21 167	-9 960	0	34.75	SI	RAR	3.037	360.00	21 167	-9 960	0	NS	SI									
	QPR	0.367	11.21	22 357	-8 038	0	30.53	SI																	
25.0%	RAR	0.204	14.94	0	5 829	0	73.06	SI	RAR	2.484	360.00	0	5 829	0	NS	SI									
	QPR	0.176	11.21	0	5 018	0	63.65	SI																	
50.0%	RAR	0.336	14.94	16	9 582	0	44.44	SI	RAR	4.083	360.00	16	9 582	0	88.17	SI									
	QPR	0.306	11.21	0	8 733	0	36.57	SI																	
75.0%	RAR	0.044	14.94	0	1 263	0	NS	SI	RAR	0.538	360.00	0	1 263	0	NS	SI									
	QPR	0.039	11.21	0	1 126	0	NS	SI																	
100%	RAR	1.037	14.94	0	-29 561	0	14.40	SI	RAR	12.599	360.00	0	-29 561	0	28.57	SI									
	QPR	0.912	11.21	0	-25 992	0	12.28	SI																	
Trave: Trave 9-18																									
				FRC=-0.01 cm																					
0%	RAR	1.059	14.94	0	-30 194	0	14.10	SI	RAR	12.869	360.00	0	-30 194	0	27.97	SI									
	QPR	0.932	11.21	0	-26 583	0	12.01	SI																	
25.0%	RAR	0.075	14.94	0	2 143	0	NS	SI	RAR	0.913	360.00	0	2 143	0	NS	SI									
	QPR	0.060	11.21	0	1 705	0	NS	SI																	
50.0%	RAR	0.287	14.94	0	8 514	0	52.05	SI	RAR	3.232	360.00	0	8 514	0	NS	SI									
	QPR	0.261	11.21	0	7 751	0	42.88	SI																	
75.0%	RAR	0.095	14.94	0	2 714	0	NS	SI	RAR	1.157	360.00	0	2 714	0	NS	SI									
	QPR	0.082	11.21	0	2 335	0	NS	SI																	
100%	RAR	1.068	14.94	0	-30 446	0	13.98	SI	RAR	12.976	360.00	0	-30 446	0	27.74	SI									
	QPR	0.942	11.21	0	-26 856	0	11.89	SI																	
Trave: Trave 18-26																									
				FRC=-0.01 cm																					
0%	RAR	1.047	14.94	6	-29 845	0	14.27	SI	RAR	12.720	360.00	6	-29 845	0	28.30	SI									
	QPR	0.922	11.21	6	-26 292	0	12.14	SI																	
25.0%	RAR	0.089	14.94	0	2 539	0	NS	SI	RAR	1.082	360.00	0	2 539	0	NS	SI									
	QPR	0.077	11.21	0	2 202	0	NS	SI																	
50.0%	RAR	0.350	14.94	0	9 969	0	42.72	SI	RAR	4.249	360.00	0	9 969	0	84.73	SI									
	QPR	0.319	11.21	0	9 108	0	35.07	SI																	
75.0%	RAR	0.175	14.94	0	5 001	0	85.16	SI	RAR	2.131	360.00	0	5 001												

%LLI Tp _{mf}	Compressione calcestruzzo									Trazione acciaio							
	Compressione calcestruzzo rinforzo									Trazione acciaio/FRP rinforzo							
	Id _{Cmb}	σ _{cc}	σ _{cd,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato		Id _{Cmb}	σ _{at}	σ _{td,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato
[%]		[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]					[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]		
49.9%	RAR	0.386	14.94	0	-11 008	0	38.69	SI		RAR	4.692	360.00	0	-11 008	0	76.73	SI
	QPR	0.353	11.21	0	-10 076	0	31.70	SI									
75.1%	RAR	0.288	14.94	0	-8 201	0	51.93	SI		RAR	3.495	360.00	0	-8 201	0	NS	SI
	QPR	0.260	11.21	0	-7 411	0	43.10	SI									
100%	RAR	0.276	14.94	0	-7 881	0	54.04	SI		RAR	3.359	360.00	0	-7 881	0	NS	SI
	QPR	0.257	11.21	0	-7 333	0	43.56	SI									
Fondazione									Travata: Trave 2-10-19-27-34								
Trave: Trave 2-10				FRC=-0.01 cm													
0%	RAR	1.361	14.94	0	-38 810	0	10.97	SI		RAR	16.541	360.00	0	-38 810	0	21.76	SI
	QPR	1.194	11.21	0	-34 030	0	9.38	SI									
25.0%	RAR	0.443	14.94	0	12 630	0	33.72	SI		RAR	5.383	360.00	0	12 630	0	66.87	SI
	QPR	0.377	11.21	0	10 752	0	29.70	SI									
50.0%	RAR	0.624	14.94	0	17 787	0	23.94	SI		RAR	7.581	360.00	0	17 787	0	47.48	SI
	QPR	0.575	11.21	0	16 395	0	19.48	SI									
75.0%	RAR	0.207	14.94	0	5 898	0	72.21	SI		RAR	2.514	360.00	0	5 898	0	NS	SI
	QPR	0.187	11.21	0	5 340	0	59.81	SI									
100%	RAR	0.772	14.94	0	-22 006	0	19.35	SI		RAR	9.379	360.00	0	-22 006	0	38.38	SI
	QPR	0.626	11.21	0	-17 840	0	17.90	SI									
Trave: Trave 10-19				FRC=0.05 cm													
0%	RAR	0.803	14.94	0	-22 906	0	18.59	SI		RAR	9.763	360.00	0	-22 906	0	36.87	SI
	QPR	0.672	11.21	0	-19 169	0	16.66	SI									
25.0%	RAR	0.152	14.94	0	4 331	0	98.33	SI		RAR	1.846	360.00	0	4 331	0	NS	SI
	QPR	0.132	11.21	0	3 764	0	84.86	SI									
50.0%	RAR	0.427	14.94	0	12 662	0	35.00	SI		RAR	4.807	360.00	0	12 662	0	74.88	SI
	QPR	0.374	11.21	0	11 101	0	29.94	SI									
75.0%	RAR	0.217	14.94	0	6 180	0	68.91	SI		RAR	2.634	360.00	0	6 180	0	NS	SI
	QPR	0.190	11.21	0	5 426	0	58.87	SI									
100.0%	RAR	0.835	14.94	0	-23 803	0	17.89	SI		RAR	10.145	360.00	0	-23 803	0	35.48	SI
	QPR	0.701	11.21	0	-19 995	0	15.97	SI									
Trave: Trave 19-27				FRC=0.06 cm													
0%	RAR	0.765	14.94	0	-21 795	0	19.54	SI		RAR	9.289	360.00	0	-21 795	0	38.75	SI
	QPR	0.629	11.21	0	-17 925	0	17.82	SI									
25.0%	RAR	0.231	14.94	0	6 597	0	64.56	SI		RAR	2.812	360.00	0	6 597	0	NS	SI
	QPR	0.204	11.21	0	5 824	0	54.84	SI									
50.0%	RAR	0.350	14.94	0	11 097	0	42.73	SI		RAR	4.580	360.00	0	11 097	0	78.60	SI
	QPR	0.309	11.21	0	9 802	0	36.28	SI									
75.0%	RAR	0.143	14.94	0	4 089	0	NS	SI		RAR	1.743	360.00	0	4 089	0	NS	SI
	QPR	0.101	11.21	0	2 883	0	NS	SI									
100%	RAR	1.922	14.94	0	-54 799	0	7.77	SI		RAR	23.355	360.00	0	-54 799	0	15.41	SI
	QPR	1.617	11.21	0	-46 104	0	6.92	SI									
Trave: Trave 27-34				FRC=0.07 cm													
0%	RAR	0.694	14.94	0	-19 788	0	21.52	SI		RAR	8.434	360.00	0	-19 788	0	42.68	SI
	QPR	0.546	11.21	0	-15 578	0	20.50	SI									
25.0%	RAR	0.100	14.94	0	-2 852	0	NS	SI		RAR	1.216	360.00	0	-2 852	0	NS	SI
	QPR	0.049	11.21	0	-1 397	0	NS	SI									
50.0%	RAR	0.181	14.94	0	5 166	0	82.44	SI		RAR	2.202	360.00	0	5 166	0	NS	SI
	QPR	0.156	11.21	0	4 438	0	71.97	SI									
75.0%	RAR	0.118	14.94	0	3 356	0	NS	SI		RAR	1.430	360.00	0	3 356	0	NS	SI
	QPR	0.073	11.21	0	2 090	0	NS	SI									
100.0%	RAR	0.158	14.94	0	-4 507	0	94.49	SI		RAR	1.921	360.00	0	-4 507	0	NS	SI
	QPR	0.157	11.21	0	-4 477	0	71.34	SI									
Fondazione									Travata: Trave 3-11-20-28-35								
Trave: Trave 3-11				FRC=-0.01 cm													
0%	RAR	1.361	14.94	2 727	-38 509	0	10.97	SI		RAR	16.257	360.00	2 727	-38 509	0	22.14	SI
	QPR	1.176	11.21	3 669	-33 118	0	9.53	SI									
25.0%	RAR	0.449	14.94	0	12 812	0	33.24	SI		RAR	5.460	360.00	0	12 812	0	65.92	SI
	QPR	0.381	11.21	0	10 854	0	29.42	SI									
50.0%	RAR	0.635	14.94	0	18 093	0	23.53	SI		RAR	7.711	360.00	0	18 093	0	46.68	SI
	QPR	0.584	11.21	0	16 656	0	19.17	SI									
75.0%	RAR	0.214	14.94	0	6 092	0	69.91	SI		RAR	2.596	360.00	0	6 092	0	NS	SI
	QPR	0.191	11.21	0	5 437	0	58.75	SI									
100%	RAR	0.735	14.94	-1 811	-21 147	0	20.32	SI		RAR	9.116	360.00	-1 811	-21 147	0	39.49	SI
	QPR	0.592	11.21	-1 652	-17 054	0	18.92	SI									
Trave: Trave 11-20				FRC=-0.05 cm													
0%	RAR	0.761	14.94	1 710	-21 519	0	19.62	SI		RAR	9.074	360.00	1 710	-21 519	0	39.67	SI
	QPR	0.628	11.21	1 683	-17 729	0	17.83	SI									
25.0%	RAR	0.139	14.94	0	3 960	0	NS	SI		RAR	1.688	360.00	0	3 960	0	NS	SI
	QPR	0.120	11.21	0	3 413	0	93.59	SI									
50.0%	RAR	0.404	14.94	0	11 988	0	36.96	SI		RAR	4.551	360.00	0	11 988	0	79.10	SI
	QPR	0.352	11.21	0	10 432	0	31.86	SI									
75.0%	RAR	0.228	14.94	0	6 491	0	65.61	SI		RAR	2.766	360.00	0	6 491	0	NS	SI
	QPR	0.198	11.21	0	5 632	0	56.71	SI									
100%	RAR	0.795	14.94	0	-22 659	0	18.79	SI		RAR	9.657	360.00	0	-22 659	0	37.27	SI
	QPR	0.663	11.21	0	-18 887	0	16.91	SI									
Trave: Trave 20-28				FRC=0.06 cm													
0%	RAR	0.715	14.94	0	-20 375	0	20.90	SI		RAR	8.684	360.00	0	-20 375	0	41.45	SI
	QPR	0.583	11.21	0	-16 622	0	19.21	SI									
25.0%	RAR	0.216	14.94	0	6 156	0	69.18	SI		RAR	2.624	360.00	0	6 156	0	NS	SI
	QPR	0.187	11.21	0	5 345	0	59.76	SI									
50.0%	RAR	0.318	14.94	0	10 082	0	47.03	SI		RAR	4.161	360.00	0	10 082	0	86.51	SI
	QPR	0.277	11.21	0	8 797	0	40.42	SI									
75.0%	RAR	0.086	14.94	0	2 558	0	NS	SI		RAR	0.971	360.00	0	2 558	0	NS	SI
	QPR	0.051	11.21	0	1 519	0	NS	SI									

Travi - verifiche delle tensioni di esercizio																	
%LLI Tp _{mf}	Compressione calcestruzzo Compressione calcestruzzo rinforzo									Trazione acciaio Trazione acciaio/FRP rinforzo							
	Id _{Cmb}	σ _{cc}	σ _{cd,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato		Id _{Cmb}	σ _{at}	σ _{td,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato
[%]		[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]					[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]		
100%	RAR QPR	2.039 1.711	14.94 11.21	0 0	-58 129 -48 790	0 0	7.32 6.54	SI SI		RAR	24.774	360.00	0	-58 129	0	14.53	SI
Trave: Trave 28-35 FRC=-0.06 cm																	
0%	RAR QPR	1.117 0.909	14.94 11.21	0 0	-31 843 -25 925	0 0	13.37 12.32	SI SI		RAR	13.571	360.00	0	-31 843	0	26.52	SI
25.0%	RAR QPR	0.152 0.122	14.94 11.21	0 0	4 339 3 474	0 0	98.15 91.94	SI SI		RAR	1.849	360.00	0	4 339	0	NS	SI
50.0%	RAR QPR	0.484 0.438	14.94 11.21	0 0	13 791 12 487	0 0	30.88 25.58	SI SI		RAR	5.878	360.00	0	13 791	0	61.24	SI
75.0%	RAR QPR	0.325 0.283	14.94 11.21	0 0	9 261 8 080	0 0	45.98 39.53	SI SI		RAR	3.947	360.00	0	9 261	0	91.20	SI
100.0%	RAR QPR	0.554 0.510	14.94 11.21	8 981 10 036	-14 831 -13 443	0 0	26.94 21.98	SI SI		RAR	5.809	360.00	8 981	-14 831	0	61.97	SI
Fondazione Travata: Trave 4-12-21-29-36																	
Trave: Trave 4-12 FRC=-0.01 cm																	
0%	RAR QPR	1.379 1.170	14.94 11.21	3 021 4 255	-38 979 -32 880	0 0	10.83 9.58	SI SI		RAR	16.440	360.00	3 021	-38 979	0	21.89	SI
25.0%	RAR QPR	0.526 0.451	14.94 11.21	0 0	14 999 12 843	0 0	28.39 24.87	SI SI		RAR	6.393	360.00	0	14 999	0	56.31	SI
50.0%	RAR QPR	0.523 0.476	14.94 11.21	0 0	14 906 13 564	0 0	28.57 23.54	SI SI		RAR	6.353	360.00	0	14 906	0	56.66	SI
75.0%	RAR QPR	0.251 0.226	14.94 11.21	0 0	7 148 6 455	0 0	59.58 49.48	SI SI		RAR	3.046	360.00	0	7 148	0	NS	SI
100%	RAR QPR	0.789 0.641	14.94 11.21	-337 -231	-22 543 -18 294	0 0	18.92 17.48	SI SI		RAR	9.627	360.00	-337	-22 543	0	37.39	SI
Trave: Trave 12-21 FRC=-0.01 cm																	
0%	RAR QPR	0.801 0.661	14.94 11.21	178 236	-22 822 -18 813	0 0	18.64 16.95	SI SI		RAR	9.717	360.00	178	-22 822	0	37.05	SI
25.0%	RAR QPR	0.219 0.191	14.94 11.21	0 0	6 249 5 453	0 0	68.15 58.57	SI SI		RAR	2.663	360.00	0	6 249	0	NS	SI
50.0%	RAR QPR	0.361 0.313	14.94 11.21	0 0	10 715 9 298	0 0	41.36 35.74	SI SI		RAR	4.068	360.00	0	10 715	0	88.49	SI
75.0%	RAR QPR	0.157 0.134	14.94 11.21	0 0	4 467 3 826	0 0	95.34 83.48	SI SI		RAR	1.904	360.00	0	4 467	0	NS	SI
100%	RAR QPR	0.845 0.706	14.94 11.21	0 0	-24 076 -20 131	0 0	17.69 15.86	SI SI		RAR	10.261	360.00	0	-24 076	0	35.08	SI
Trave: Trave 21-29 FRC=0.06 cm																	
0%	RAR QPR	0.687 0.558	14.94 11.21	0 0	-19 599 -15 913	0 0	21.73 20.07	SI SI		RAR	8.353	360.00	0	-19 599	0	43.09	SI
25.0%	RAR QPR	0.263 0.229	14.94 11.21	0 0	7 510 6 523	0 0	56.71 48.96	SI SI		RAR	3.201	360.00	0	7 510	0	NS	SI
50.0%	RAR QPR	0.409 0.353	14.94 11.21	0 0	11 657 10 065	0 0	36.53 31.73	SI SI		RAR	4.968	360.00	0	11 657	0	72.46	SI
75.0%	RAR QPR	0.153 0.107	14.94 11.21	0 0	-4 862 -3 390	0 0	97.53 NS	SI SI		RAR	2.007	360.00	0	-4 862	0	NS	SI
100%	RAR QPR	3.669 1.846	14.94 11.21	0 0	-61 818 -52 638	0 0	4.07 6.06	SI SI		RAR	163.529	360.00	0	-61 818	0	2.20	SI
Trave: Trave 29-36 FRC=-0.01 cm																	
0%	RAR QPR	1.561 1.303	14.94 11.21	0 0	-44 498 -37 151	0 0	9.57 8.59	SI SI		RAR	18.965	360.00	0	-44 498	0	18.98	SI
25.0%	RAR QPR	0.185 0.155	14.94 11.21	0 0	5 276 4 407	0 0	80.72 72.48	SI SI		RAR	2.249	360.00	0	5 276	0	NS	SI
50.0%	RAR QPR	0.647 0.580	14.94 11.21	0 0	18 438 16 530	0 0	23.09 19.32	SI SI		RAR	7.858	360.00	0	18 438	0	45.81	SI
75.0%	RAR QPR	0.251 0.214	14.94 11.21	0 0	7 169 6 091	0 0	59.40 52.44	SI SI		RAR	3.055	360.00	0	7 169	0	NS	SI
100.0%	RAR QPR	1.081 0.990	14.94 11.21	27 174 25 730	-27 861 -25 419	0 0	13.82 11.32	SI SI		RAR	10.348	360.00	26 358	-27 809	0	34.78	SI
Fondazione Travata: Trave 5-13-22-30-39																	
Trave: Trave 5-13 FRC=0.06 cm																	
0%	RAR QPR	0.762 0.629	14.94 11.21	10 407 11 577	-20 587 -16 675	0 0	19.61 17.81	SI SI		RAR	8.180	360.00	10 407	-20 587	0	44.00	SI
25.0%	RAR QPR	0.362 0.306	14.94 11.21	0 0	10 308 8 728	0 0	41.31 36.59	SI SI		RAR	4.393	360.00	0	10 308	0	81.94	SI
50.0%	RAR QPR	0.582 0.519	14.94 11.21	0 0	16 598 14 790	0 0	25.66 21.59	SI SI		RAR	7.074	360.00	0	16 598	0	50.89	SI
75.0%	RAR QPR	0.175 0.168	14.94 11.21	0 0	5 001 4 797	0 0	85.16 66.58	SI SI		RAR	2.131	360.00	0	5 001	0	NS	SI
100%	RAR QPR	1.467 1.259	14.94 11.21	1 412 1 357	-41 662 -35 757	0 0	10.18 8.89	SI SI		RAR	17.676	360.00	1 412	-41 662	0	20.36	SI
Trave: Trave 13-22 FRC=0.06 cm																	
0%	RAR QPR	1.470 1.257	14.94 11.21	-1 776 -1 425	-42 086 -35 979	0 0	10.16 8.91	SI SI		RAR	18.038	360.00	-1 776	-42 086	0	19.95	SI
25.0%	RAR QPR	0.247 0.214	14.94 11.21	0 0	7 054 6 109	0 0	60.37 52.28	SI SI		RAR	3.006	360.00	0	7 054	0	NS	SI
50.0%	RAR QPR	0.503 0.441	14.94 11.21	0 0	14 912 13 095	0 0	29.72 25.38	SI SI		RAR	5.661	360.00	0	14 912	0	63.58	SI
75.0%	RAR QPR	0.170 0.145	14.94 11.21	0 0	4 837 4 142	0 0	88.05 77.11	SI SI		RAR	2.062	360.00	0	4 837	0	NS	SI
100.0%	RAR QPR	1.498 1.294	14.94 11.21	0 0	-42 714 -36 902	0 0	9.97 8.65	SI SI		RAR	18.205	360.00	0	-42 714	0	19.77	SI
Trave: Trave 22-30 FRC=-0.06 cm																	
0%	RAR	1.303	14.94	0	-37 134	0	11.46	SI		RAR	15.826	360.00	0	-37 134	0	22.74	SI

Travi - verifiche delle tensioni di esercizio																	
%LLI Tp _{mf}	Compressione calcestruzzo								Trazione acciaio								
	Compressione calcestruzzo rinforzo								Trazione acciaio/FRP rinforzo								
	Id _{Cmb}	σ _{cc}	σ _{cd,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato	Id _{Cmb}	σ _{at}	σ _{td,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato	
[%]		[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]				[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]			
25.0%	QPR	1.124	11.21	0	-32 043	0	9.96	SI									
	RAR	0.208	14.94	0	5 925	0	71.88	SI	RAR	2.525	360.00	0	5 925	0	NS	SI	
	QPR	0.179	11.21	0	5 114	0	62.46	SI									
50.0%	RAR	0.595	14.94	0	16 951	0	25.12	SI	RAR	7.224	360.00	0	16 951	0	49.83	SI	
	QPR	0.522	11.21	0	14 894	0	21.44	SI									
75.0%	RAR	0.200	14.94	0	5 922	0	74.83	SI	RAR	2.248	360.00	0	5 922	0	NS	SI	
	QPR	0.171	11.21	0	5 073	0	65.52	SI									
100%	RAR	1.975	14.94	0	-56 309	0	7.56	SI	RAR	23.999	360.00	0	-56 309	0	15.00	SI	
	QPR	1.709	11.21	0	-48 724	0	6.55	SI									
Trave: Trave 30-39 FRC=0.07 cm																	
0%	RAR	1.856	14.94	0	-52 901	0	8.05	SI	RAR	22.546	360.00	0	-52 901	0	15.96	SI	
	QPR	1.604	11.21	0	-45 721	0	6.98	SI									
25.0%	RAR	0.524	14.94	0	14 932	0	28.52	SI	RAR	6.364	360.00	0	14 932	0	56.56	SI	
	QPR	0.465	11.21	0	13 263	0	24.08	SI									
50.0%	RAR	0.751	14.94	0	21 397	0	19.90	SI	RAR	9.119	360.00	0	21 397	0	39.47	SI	
	QPR	0.667	11.21	0	19 013	0	16.80	SI									
75.0%	RAR	0.369	14.94	0	10 533	0	40.43	SI	RAR	4.489	360.00	0	10 533	0	80.19	SI	
	QPR	0.321	11.21	0	9 143	0	34.93	SI									
100.0%	RAR	1.117	14.94	35 486	-28 000	0	13.37	SI	RAR	10.149	360.00	32 519	-28 167	0	35.47	SI	
QPR	1.006	11.21	33 146	-25 094	0	11.13	SI										
Fondazione Travata: Trave 6-14-23-31-37-40																	
Trave: Trave 6-14 FRC=0.07 cm																	
0%	RAR	0.670	14.94	6 147	-18 435	0	22.29	SI	RAR	7.506	360.00	6 147	-18 435	0	47.96	SI	
	QPR	0.562	11.21	6 906	-15 260	0	19.95	SI									
25.0%	RAR	0.496	14.94	0	14 131	0	30.13	SI	RAR	6.023	360.00	0	14 131	0	59.77	SI	
	QPR	0.420	11.21	0	11 983	0	26.65	SI									
50.0%	RAR	0.717	14.94	0	20 447	0	20.82	SI	RAR	8.714	360.00	0	20 447	0	41.31	SI	
	QPR	0.645	11.21	0	18 375	0	17.38	SI									
75.0%	RAR	0.146	14.94	0	4 167	0	NS	SI	RAR	1.776	360.00	0	4 167	0	NS	SI	
	QPR	0.134	11.21	0	3 827	0	83.46	SI									
100%	RAR	3.842	14.94	-256	-64 682	0	3.88	SI	RAR	171.442	360.00	-256	-64 682	0	2.09	SI	
QPR	1.933	11.21	-22	-55 108	0	5.79	SI										
Trave: Trave 14-23 FRC=-0.01 cm																	
0%	RAR	3.688	14.94	-416	-62 329	0	4.05	SI	RAR	164.676	360.00	-416	-62 329	0	2.18	SI	
	QPR	1.870	11.21	22	-53 318	0	5.99	SI									
25.0%	RAR	0.162	14.94	0	4 632	0	91.94	SI	RAR	1.974	360.00	0	4 632	0	NS	SI	
	QPR	0.131	11.21	0	3 728	0	85.68	SI									
50.0%	RAR	0.632	14.94	0	18 757	0	23.62	SI	RAR	7.121	360.00	0	18 757	0	50.55	SI	
	QPR	0.554	11.21	0	16 433	0	20.22	SI									
75.0%	RAR	0.239	14.94	0	6 815	0	62.49	SI	RAR	2.905	360.00	0	6 815	0	NS	SI	
	QPR	0.200	11.21	0	5 707	0	55.97	SI									
100%	RAR	1.945	14.94	0	-55 456	0	7.68	SI	RAR	23.635	360.00	0	-55 456	0	15.23	SI	
QPR	1.649	11.21	0	-47 008	0	6.79	SI										
Trave: Trave 23-31 FRC=-0.01 cm																	
0%	RAR	1.664	14.94	0	-47 436	0	8.97	SI	RAR	20.217	360.00	0	-47 436	0	17.80	SI	
	QPR	1.407	11.21	0	-40 101	0	7.96	SI									
25.0%	RAR	0.321	14.94	0	9 153	0	46.53	SI	RAR	3.901	360.00	0	9 153	0	92.28	SI	
	QPR	0.270	11.21	0	7 704	0	41.46	SI									
50.0%	RAR	0.596	14.94	0	18 924	0	25.05	SI	RAR	7.810	360.00	0	18 924	0	46.09	SI	
	QPR	0.518	11.21	0	16 446	0	21.62	SI									
75.0%	RAR	0.116	14.94	0	3 296	0	NS	SI	RAR	1.405	360.00	0	3 296	0	NS	SI	
	QPR	0.098	11.21	0	2 782	0	NS	SI									
100%	RAR	2.011	14.94	0	-57 330	0	7.42	SI	RAR	24.434	360.00	0	-57 330	0	14.73	SI	
QPR	1.721	11.21	0	-49 062	0	6.51	SI										
Trave: Trave 31-37 FRC=-0.07 cm																	
0%	RAR	3.792	14.94	0	-63 887	0	3.93	SI	RAR	169.002	360.00	0	-63 887	0	2.13	SI	
	QPR	1.904	11.21	0	-54 269	0	5.88	SI									
25.0%	RAR	0.225	14.94	0	6 407	0	66.47	SI	RAR	2.731	360.00	0	6 407	0	NS	SI	
	QPR	0.196	11.21	0	5 587	0	57.17	SI									
50.0%	RAR	0.812	14.94	0	23 136	0	18.40	SI	RAR	9.861	360.00	0	23 136	0	36.50	SI	
	QPR	0.715	11.21	0	20 383	0	15.67	SI									
75.0%	RAR	0.629	14.94	0	17 943	0	23.73	SI	RAR	7.647	360.00	0	17 943	0	47.07	SI	
	QPR	0.559	11.21	0	15 928	0	20.05	SI									
100%	RAR	1.792	14.94	0	-51 099	0	8.33	SI	RAR	21.778	360.00	0	-51 099	0	16.53	SI	
QPR	1.530	11.21	0	-43 614	0	7.32	SI										
Trave: Trave 37-40 FRC=0.00 cm																	
0%	RAR	1.600	14.94	0	-45 612	0	9.33	SI	RAR	19.440	360.00	0	-45 612	0	18.51	SI	
	QPR	1.360	11.21	0	-38 780	0	8.23	SI									
25.0%	RAR	0.325	14.94	0	-9 267	0	45.95	SI	RAR	3.950	360.00	0	-9 267	0	91.14	SI	
	QPR	0.276	11.21	0	-7 870	0	40.58	SI									
50.0%	RAR	0.169	14.94	0	4 830	0	88.17	SI	RAR	2.059	360.00	0	4 830	0	NS	SI	
	QPR	0.130	11.21	0	3 693	0	86.49	SI									
75.0%	RAR	0.228	14.94	0	6 492	0	65.60	SI	RAR	2.767	360.00	0	6 492	0	NS	SI	
	QPR	0.162	11.21	0	4 608	0	69.32	SI									
100.0%	RAR	0.054	14.94	0	1 548	0	NS	SI	RAR	0.660	360.00	0	1 548	0	NS	SI	
QPR	0.037	11.21	0	-1 052	0	NS	SI										
Fondazione Travata: Trave 7-15-24-1c																	
Trave: Trave 7-15 FRC=0.04 cm																	
0%	RAR	0.540	14.94	8 011	-14 529	0	27.66	SI	RAR	5.735	360.00	8 011	-14 529	0	62.77	SI	
	QPR	0.444	11.21	8 676	-11 722	0	25.22	SI									
25.0%	RAR	0.266	14.94	0	7 576	0	56.21	SI	RAR	3.229	360.00	0	7 576	0	NS	SI	
	QPR	0.221	11.21	0	6 298	0	50.71	SI									
50.0%	RAR	0.506	14.94	0	14 421	0	29.53	SI	RAR	6.146	360.00	0	14 421	0	58.57	SI	

%LLI Tp _{inf}	Compressione calcestruzzo								Trazione acciaio							
	Compressione calcestruzzo rinforzo								Trazione acciaio/FRP rinforzo							
Id _{Cmb}	σ _{cc}	σ _{cd,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato	Id _{Cmb}	σ _{at}	σ _{td,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato	
[%]	[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]				[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]			
75.0%	QPR	0.459	11.21	0	13 090	0	24.40	SI								
	RAR	0.259	14.94	0	7 392	0	57.61	SI	RAR	3.150	360.00	0	7 392	0	NS	
	QPR	0.234	11.21	0	6 669	0	47.89	SI								
100%	RAR	0.373	14.94	720	-10 563	0	40.02	SI	RAR	4.475	360.00	425	-10 557	0	80.44	
	QPR	0.299	11.21	721	-8 434	0	37.52	SI								
Trave: Trave 15-24			FRC=-0.01 cm													
0%	RAR	0.968	14.94	-1 241	-27 720	0	15.43	SI	RAR	11.885	360.00	-1 241	-27 720	0	30.29	
	QPR	0.778	11.21	-698	-22 255	0	14.40	SI								
25.0%	RAR	0.077	14.94	0	2 197	0	NS	SI	RAR	0.936	360.00	0	2 197	0	NS	
	QPR	0.059	11.21	0	1 696	0	NS	SI								
50.0%	RAR	0.273	14.94	0	8 106	0	54.67	SI	RAR	3.077	360.00	0	8 106	0	NS	
	QPR	0.246	11.21	0	7 306	0	45.49	SI								
75.0%	RAR	0.074	14.94	0	2 099	0	NS	SI	RAR	0.895	360.00	0	2 099	0	NS	
	QPR	0.055	11.21	0	1 569	0	NS	SI								
100%	RAR	0.909	14.94	0	-25 901	0	16.44	SI	RAR	11.039	360.00	0	-25 901	0	32.61	
	QPR	0.790	11.21	0	-22 515	0	14.18	SI								
Trave: Trave 24-1c			FRC=0.03 cm													
0%	RAR	0.842	14.94	0	-23 999	0	17.74	SI	RAR	10.228	360.00	0	-23 999	0	35.19	
	QPR	0.736	11.21	0	-20 980	0	15.22	SI								
25.0%	RAR	0.074	14.94	0	2 123	0	NS	SI	RAR	0.905	360.00	0	2 123	0	NS	
	QPR	0.062	11.21	0	1 754	0	NS	SI								
50.0%	RAR	0.284	14.94	0	8 101	0	52.57	SI	RAR	3.453	360.00	0	8 101	0	NS	
	QPR	0.253	11.21	0	7 203	0	44.34	SI								
75.0%	RAR	0.068	14.94	0	1 928	0	NS	SI	RAR	0.822	360.00	0	1 928	0	NS	
	QPR	0.059	11.21	0	1 694	0	NS	SI								
100.0%	RAR	0.206	14.94	0	-5 873	0	72.51	SI	RAR	2.503	360.00	0	-5 873	0	NS	
	QPR	0.176	11.21	0	-5 031	0	63.49	SI								
Fondazione			Travata: Trave 8-16													
Trave: Trave 8-16			FRC=0.08 cm													
0%	RAR	0.686	14.94	0	-19 562	0	21.77	SI	RAR	8.337	360.00	0	-19 562	0	43.17	
	QPR	0.613	11.21	0	-17 486	0	18.26	SI								
25.0%	RAR	0.439	14.94	0	12 524	0	34.00	SI	RAR	5.338	360.00	0	12 524	0	67.44	
	QPR	0.377	11.21	0	10 760	0	29.68	SI								
50.0%	RAR	0.696	14.94	0	19 830	0	21.47	SI	RAR	8.452	360.00	0	19 830	0	42.59	
	QPR	0.618	11.21													

Travi - verifiche delle tensioni di esercizio																	
%LLI Tp _{inf}	Compressione calcestruzzo								Trazione acciaio								
	Compressione calcestruzzo rinforzo								Trazione acciaio/FRP rinforzo								
	Id _{Cmb}	σ _{cc}	σ _{cd,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato	Id _{Cmb}	σ _{at}	σ _{td,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato	
[%]		[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]				[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]			
	QPR	1.392	13.07	0	-39 684	0	9.39	SI									
Trave: Trave 38-41																	
				FRC=0.07 cm													
0%	RAR	1.758	17.43	279	-50 073	0	9.91	SI	RAR	21.325	360.00	279	-50 073	0	16.88	SI	
	QPR	1.495	13.07	249	-42 598	0	8.74	SI									
25.0%	RAR	0.071	17.43	0	2 030	0	NS	SI	RAR	0.865	360.00	0	2 030	0	NS	SI	
	QPR	0.066	13.07	0	1 869	0	NS	SI									
50.0%	RAR	0.433	17.43	0	12 337	0	40.27	SI	RAR	5.258	360.00	0	12 337	0	68.46	SI	
	QPR	0.393	13.07	0	11 206	0	33.25	SI									
75.0%	RAR	0.364	17.43	0	10 379	0	47.87	SI	RAR	4.424	360.00	0	10 379	0	81.38	SI	
	QPR	0.311	13.07	0	8 868	0	42.02	SI									
100.0%	RAR	0.309	17.43	0	-8 819	0	56.34	SI	RAR	3.759	360.00	0	-8 819	0	95.77	SI	
	QPR	0.297	13.07	0	-8 454	0	44.08	SI									

LEGENDA:

%LLI Posizione della sezione per la quale vengono forniti i valori di verifica, valutata come % della lunghezza libera d'inflessione (L_{LI}), a partire dall'estremo iniziale.

Rinf. Indica la presenza del rinforzo sulla sezione di verifica.

FRC Spostamento massimo (freccia) dell'elemento, valutata in combinazione Caratteristica (RARA).

IdCmb Identificativo della Combinazione di Azione: [QPR] = Quasi Permanente - [FRQ] = Frequente - [RAR] = Rara.

σ_{cc} Tensione massima di compressione nel calcestruzzo.

σ_{cd,amm} Tensione ammissibile per la verifica a compressione del calcestruzzo.

N_{Ed}, M_{Ed,3}, M_{Ed,2} Sollecitazioni di progetto.

σ_{at} Tensione massima di trazione nell'acciaio della Trave/Rinforzo o nel FRP.

σ_{td,amm} Tensione ammissibile per la verifica a trazione dell'acciaio/rinforzo.

CS Coefficiente di Sicurezza (= σ_{cd, amm}/σ_{cc} ; σ_{td, amm}/σ_{at}). [NS] = Non Significativo (CS ≥ 100).

Verificato [SI] = La verifica è soddisfatta (σ_{cc} ≤ σ_{cd,amm} ; σ_{at} ≤ σ_{td,amm}). [NO] = La verifica NON è soddisfatta (σ_{cc} > σ_{cd,amm} ; σ_{at} > σ_{td,amm}).

TRAVI - VERIFICA ALLO STATO LIMITE DI FESSURAZIONE (Elevazione)

Travi - verifica allo stato limite di fessurazione														
%L _{LI}	Id _{Cmb}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	σ _{ct,f}	σ _t	ε _{sm}	A _e	Δ _{sm}	W _d	W _{amm}	CS	Verificat o	
[%]		[N]	[N-m]	[N-m]	[N/mm²]	[N/mm²]		[cm²]	[mm]	[mm]	[mm]			
Piano copertura								Travata: Trave 1-2-3-4-5-6-7-8						
Trave: Trave 1-2				FRC=0.00 cm				AA= PCA						
0%	FRQ	7 361	440	0	-0.01	2.36	0 E-01	0	0	0.000	0.400	-	SI	
	QPR	7 745	287	0	-0.02	2.36	0 E-01	0	0	0.000	0.300	-	SI	
12.5%	FRQ	8 065	-5 373	0	0.11	2.36	0 E-01	0	0	0.000	0.400	-	SI	
	QPR	7 745	-5 134	0	0.10	2.36	0 E-01	0	0	0.000	0.300	-	SI	
25.0%	FRQ	8 065	-8 473	0	0.19	2.36	0 E-01	0	0	0.000	0.400	-	SI	
	QPR	7 745	-8 287	0	0.18	2.36	0 E-01	0	0	0.000	0.300	-	SI	
37.5%	FRQ	8 065	-9 313	0	0.21	2.36	0 E-01	0	0	0.000	0.400	-	SI	
	QPR	7 745	-9 181	0	0.20	2.36	0 E-01	0	0	0.000	0.300	-	SI	
50.0%	FRQ	7 263	-7 804	0	0.17	2.36	0 E-01	0	0	0.000	0.400	-	SI	
	QPR	7 745	-7 809	0	0.17	2.36	0 E-01	0	0	0.000	0.300	-	SI	
62.5%	FRQ	7 263	-4 200	0	0.08	2.36	0 E-01	0	0	0.000	0.400	-	SI	
	QPR	7 745	-4 172	0	0.08	2.36	0 E-01	0	0	0.000	0.300	-	SI	
75.0%	FRQ	7 717	1 763	0	0.02	2.36	0 E-01	0	0	0.000	0.400	-	SI	
	QPR	7 745	1 730	0	0.02	2.36	0 E-01	0	0	0.000	0.300	-	SI	
87.5%	FRQ	7 796	9 959	0	0.22	2.36	0 E-01	0	0	0.000	0.400	-	SI	
	QPR	7 745	9 895	0	0.22	2.36	0 E-01	0	0	0.000	0.300	-	SI	
100%	FRQ	8 065	20 460	0	0.48	2.36	0 E-01	0	0	0.000	0.400	-	SI	
	QPR	7 745	20 324	0	0.48	2.36	0 E-01	0	0	0.000	0.300	-	SI	
Trave: Trave 2-3				FRC=0.00 cm				AA= PCA						
0%	FRQ	7 542	8 293	0	0.18	2.36	0 E-01	0	0	0.000	0.400	-	SI	
	QPR	7 771	8 057	0	0.18	2.36	0 E-01	0	0	0.000	0.300	-	SI	
12.5%	FRQ	7 542	1 148	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI	
	QPR	7 771	970	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI	
25.0%	FRQ	8 200	-3 986	0	0.07	2.36	0 E-01	0	0	0.000	0.400	-	SI	
	QPR	7 771	-3 803	0	0.07	2.36	0 E-01	0	0	0.000	0.300	-	SI	
37.5%	FRQ	8 200	-6 361	0	0.13	2.36	0 E-01	0	0	0.000	0.400	-	SI	
	QPR	7 771	-6 264	0	0.13	2.36	0 E-01	0	0	0.000	0.300	-	SI	
50.0%	FRQ	7 309	-6 415	0	0.13	2.36	0 E-01	0	0	0.000	0.400	-	SI	
	QPR	7 771	-6 409	0	0.13	2.36	0 E-01	0	0	0.000	0.300	-	SI	
62.5%	FRQ	7 309	-4 286	0	0.08	2.36	0 E-01	0	0	0.000	0.400	-	SI	
	QPR	7 771	-4 238	0	0.08	2.36	0 E-01	0	0	0.000	0.300	-	SI	
75.0%	FRQ	8 207	404	0	-0.02	2.36	0 E-01	0	0	0.000	0.400	-	SI	
	QPR	7 771	246	0	-0.02	2.36	0 E-01	0	0	0.000	0.300	-	SI	
87.5%	FRQ	8 207	7 287	0	0.16	2.36	0 E-01	0	0	0.000	0.400	-	SI	
	QPR	7 771	7 043	0	0.15	2.36	0 E-01	0	0	0.000	0.300	-	SI	
100%	FRQ	8 207	16 485	0	0.38	2.36	0 E-01	0	0	0.000	0.400	-	SI	
	QPR	7 771	16 156	0	0.38	2.36	0 E-01	0	0	0.000	0.300	-	SI	
Trave: Trave 3-4				FRC=0.00 cm				AA= PCA						
0%	FRQ	9 134	9 950	0	0.22	2.36	0 E-01	0	0	0.000	0.400	-	SI	
	QPR	9 210	9 718	0	0.21	2.36	0 E-01	0	0	0.000	0.300	-	SI	
12.5%	FRQ	9 134	2 334	0	0.03	2.36	0 E-01	0	0	0.000	0.400	-	SI	
	QPR	9 210	2 160	0	0.02	2.36	0 E-01	0	0	0.000	0.300	-	SI	
25.0%	FRQ	9 398	-3 261	0	0.05	2.36	0 E-01	0	0	0.000	0.400	-	SI	
	QPR	9 210	-3 083	0	0.05	2.36	0 E-01	0	0	0.000	0.300	-	SI	
37.5%	FRQ	9 398	-6 108	0	0.12	2.36	0 E-01	0	0	0.000	0.400	-	SI	
	QPR	9 210	-6 011	0	0.12	2.36	0 E-01	0	0	0.000	0.300	-	SI	
50.0%	FRQ	8 810	-6 649	0	0.14	2.36	0 E-01	0	0	0.000	0.400	-	SI	
	QPR	9 210	-6 626	0	0.14	2.36	0 E-01	0	0	0.000	0.300	-	SI	

%L _{LT}	Id _{Cmb}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	σ _{ct,f}	σ _t	ε _{sm}	A _e	Δ _{sm}	W _d	W _{amm}	CS	Verificato
[%]		[N]	[N-m]	[N-m]	[N/mm ²]	[N/mm ²]		[cm ²]	[mm]	[mm]	[mm]		
62.5%	FRQ	8 810	-4 989	0	0.10	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	9 210	-4 925	0	0.09	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	8 810	-1 017	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	9 210	-911	0	-0.01	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	9 405	5 647	0	0.11	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	9 210	5 418	0	0.11	2.36	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	9 405	14 372	0	0.33	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	9 210	14 061	0	0.32	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 4-5				FRC=0.00 cm				AA= PCA					
0%	FRQ	11 470	11 020	0	0.24	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	11 501	10 764	0	0.23	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	11 470	4 622	0	0.08	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	11 501	4 426	0	0.07	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	11 470	541	0	-0.02	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	11 501	405	0	-0.03	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	11 501	-1 443	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	11 501	-1 301	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	11 178	-700	0	-0.02	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	11 501	-693	0	-0.02	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	11 897	2 650	0	0.03	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	11 501	2 227	0	0.02	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	11 897	7 993	0	0.16	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	11 501	7 465	0	0.15	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	11 897	15 647	0	0.35	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	11 501	15 014	0	0.34	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	11 897	25 620	0	0.60	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	11 501	24 880	0	0.58	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 5-6				FRC=0.01 cm				AA= PCA					
0%	FRQ	9 944	35 465	0	0.85	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	9 611	34 352	0	0.82	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	9 469	7 994	0	0.17	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	9 611	7 762	0	0.16	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	9 944	-12 589	0	0.28	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	9 611	-11 745	0	0.26	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	9 944	-25 515	0	0.60	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	9 611	-24 167	0	0.57	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	9 944	-31 039	0	0.65	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	9 611	-29 506	0	0.62	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	9 944	-29 164	0	0.69	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	9 611	-27 762	0	0.66	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	9 944	-19 888	0	0.46	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	9 611	-18 936	0	0.44	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	9 469	-3 258	0	0.05	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	9 611	-3 025	0	0.04	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	9 944	20 695	0	0.48	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	9 611	19 807	0	0.46	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 6-7				FRC=0.00 cm				AA= PCA					
0%	FRQ	2 662	13 931	0	0.34	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 642	13 035	0	0.32	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	2 662	6 906	0	0.16	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 642	6 133	0	0.14	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	2 662	2 363	0	0.05	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 642	1 715	0	0.03	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	2 559	-484	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 642	-221	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	2 662	731	0	0.01	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 642	331	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	2 662	3 645	0	0.08	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 642	3 370	0	0.08	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	2 559	9 230	0	0.22	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 642	8 896	0	0.21	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	2 559	17 492	0	0.43	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 642	16 905	0	0.41	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	2 559	28 269	0	0.70	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 642	27 403	0	0.67	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 7-8				FRC=0.00 cm				AA= PCA					
0%	FRQ	4 770	31 681	0	0.77	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	4 859	30 825	0	0.75	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	4 770	17 877	0	0.43	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	4 859	17 279	0	0.41	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	4 770	6 610	0	0.15	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	4 859	6 242	0	0.14	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	4 873	-2 355	0	0.04	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	4 859	-2 291	0	0.04	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	4 702	-8 365	0	0.19	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	4 859	-8 313	0	0.19	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	4 770	-11 989	0	0.28	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	4 859	-11 826	0	0.28	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	4 770	-13 120	0	0.31	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	4 859	-12 834	0	0.30	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	4 770	-11 716	0	0.28	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	4 859	-11 333	0	0.27	2.36	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	4 770	-7 776	0	0.18	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	4 859	-7 322	0	0.17	2.36	0 E-01	0	0	0.000	0.300	-	SI

%L _{LT}	Id _{Cmb}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	σ _{ct,f}	σ _t	ε _{sm}	A _e	Δ _{sm}	W _d	W _{amm}	CS	Verificato
[%]		[N]	[N-m]	[N-m]	[N/mm ²]	[N/mm ²]		[cm ²]	[mm]	[mm]	[mm]		
Piano copertura								Travata: Trave 13-14-16					
Trave: Trave 13-14				FRC=0.05 cm				AA= PCA					
0%	FRQ	9 840	49 538	0	2.24	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	9 111	47 140	0	2.13	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	8 675	8 091	0	0.34	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	9 111	7 494	0	0.31	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	9 840	-21 657	0	0.96	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	9 111	-20 146	0	0.90	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	9 840	-38 248	0	1.72	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	9 111	-35 784	0	1.61	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	9 840	-42 156	0	1.90	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	9 111	-39 408	0	1.78	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	9 840	-33 400	0	1.50	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	9 111	-31 035	0	1.40	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	9 840	-11 966	0	0.51	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	9 111	-10 651	0	0.46	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	9 840	22 138	0	0.96	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	9 111	21 734	0	0.94	2.36	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	9 840	68 569	0	3.03	2.36	4.946 E-04	998	403	0.199	0.400	2.01	SI
	QPR	9 111	65 801	0	2.91	2.36	4.749 E-04	998	403	0.191	0.300	1.57	SI
Trave: Trave 14-16				FRC=0.19 cm				AA= PCA					
0%	FRQ	12 440	79 441	0	3.51	2.36	5.7207 E-04	998	403	0.231	0.400	1.73	SI
	QPR	11 955	77 557	0	3.43	2.36	5.5869 E-04	998	403	0.225	0.300	1.33	SI
12.5%	FRQ	11 848	30 411	0	1.32	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	11 955	29 738	0	1.29	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	12 440	-5 870	0	0.22	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	11 955	-5 348	0	0.20	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	12 440	-28 800	0	1.28	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	11 955	-27 681	0	1.23	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	12 440	-38 572	0	1.73	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	11 955	-37 261	0	1.67	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	12 440	-35 183	0	1.57	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	11 955	-34 085	0	1.53	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	12 440	-18 636	0	0.82	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	11 955	-18 155	0	0.79	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	12 440	11 069	0	0.47	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	11 955	10 528	0	0.44	2.36	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	12 440	53 930	0	2.44	2.36	4.754 E-04	998	463	0.220	0.400	1.82	SI
	QPR	11 955	51 962	0	2.35	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura								Travata: Trave 22-23-24-25					
Trave: Trave 22-23				FRC=0.06 cm				AA= PCA					
0%	FRQ	4 731	50 901	0	2.32	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	4 088	48 688	0	2.22	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	3 561	8 513	0	0.38	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	4 088	7 917	0	0.35	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	4 731	-22 272	0	1.01	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	4 088	-20 795	0	0.94	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	4 731	-39 768	0	1.81	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	4 088	-37 451	0	1.71	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	4 731	-44 534	0	2.03	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	4 088	-42 050	0	1.92	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	4 731	-36 569	0	1.66	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	4 088	-34 589	0	1.57	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	4 731	-15 876	0	0.71	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	4 088	-15 070	0	0.68	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	4 731	17 544	0	0.79	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	4 088	16 504	0	0.74	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	4 731	63 345	0	2.89	2.36	5.7178 E-04	998	463	0.265	0.400	1.51	SI
	QPR	4 088	59 810	0	2.73	2.36	5.4042 E-04	998	463	0.250	0.300	1.20	SI
Trave: Trave 23-24				FRC=0.01 cm				AA= PCA					
0%	FRQ	2 624	40 492	0	1.85	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 186	37 959	0	1.74	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	2 624	14 288	0	0.65	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 186	13 062	0	0.59	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	2 103	-4 894	0	0.22	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 186	-4 448	0	0.20	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	2 624	-14 783	0	0.67	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 186	-14 394	0	0.65	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	2 624	-17 459	0	0.77	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 186	-16 773	0	0.74	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	2 624	-12 229	0	0.55	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 186	-11 587	0	0.52	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	2 103	1 489	0	0.06	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 186	1 163	0	0.05	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	2 103	22 116	0	1.01	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 186	21 481	0	0.98	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	2 624	50 896	0	2.33	2.36	0 E-01	0	0	0.000	0.400	-	SI

Travi - verifica allo stato limite di fessurazione

%L _{LT}	Id _{Cmb}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	σ _{ct,f}	σ _t	ε _{sm}	A _e	Δ _{sm}	W _d	W _{amm}	CS	Verificato
[%]		[N]	[N-m]	[N-m]	[N/mm ²]	[N/mm ²]		[cm ²]	[mm]	[mm]	[mm]		
	QPR	2 186	49 365	0	2.26	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 24-25				FRC=0.02 cm				AA= PCA					
0%	FRQ	5 336	55 570	0	2.53	2.36	5.0035 E-04	998	463	0.232	0.400	1.73	SI
	QPR	4 889	54 007	0	2.46	2.36	4.8638 E-04	998	463	0.225	0.300	1.33	SI
12.5%	FRQ	4 770	29 017	0	1.32	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	4 889	28 381	0	1.29	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	4 770	8 358	0	0.37	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	4 889	7 969	0	0.35	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	5 336	-7 825	0	0.34	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	4 889	-7 228	0	0.32	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	5 336	-18 059	0	0.81	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	4 889	-17 211	0	0.77	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	5 336	-22 842	0	1.03	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	4 889	-21 978	0	0.99	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	5 336	-22 188	0	1.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	4 889	-21 542	0	0.97	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	4 770	-16 864	0	0.76	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	4 889	-16 496	0	0.74	2.36	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	4 770	-8 578	0	0.38	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	4 889	-8 154	0	0.36	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura				Travata: Trave 26-27-28-29-30-31-32				AA= PCA					
Trave: Trave 26-27				FRC=0.01 cm				AA= PCA					
0%	FRQ	16 601	5 319	0	0.08	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	16 612	4 943	0	0.07	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	17 139	-4 802	0	0.06	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	16 612	-4 581	0	0.06	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	16 972	-11 008	0	0.22	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	16 612	-10 761	0	0.21	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	16 972	-13 804	0	0.29	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	16 612	-13 453	0	0.28	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	16 972	-12 862	0	0.27	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	16 612	-12 508	0	0.26	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	16 972	-8 027	0	0.15	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	16 612	-7 780	0	0.14	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	16 122	912	0	-0.03	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	16 612	874	0	-0.03	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	16 972	13 944	0	0.29	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	16 612	13 603	0	0.29	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	16 972	31 316	0	0.73	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	16 612	30 483	0	0.71	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 27-28				FRC=0.01 cm				AA= PCA					
0%	FRQ	19 733	26 813	0	0.60	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	19 190	25 742	0	0.58	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	19 733	8 715	0	0.15	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	19 190	8 324	0	0.15	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	19 032	-4 741	0	0.06	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	19 190	-4 453	0	0.05	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	19 733	-12 826	0	0.26	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	19 190	-12 360	0	0.25	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	19 733	-15 864	0	0.32	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	19 190	-15 245	0	0.30	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	19 733	-13 536	0	0.27	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	19 190	-12 960	0	0.26	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	19 733	-5 676	0	0.08	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	19 190	-5 349	0	0.07	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	19 032	8 145	0	0.14	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	19 190	7 731	0	0.13	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	19 733	27 138	0	0.61	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	19 190	26 318	0	0.59	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 28-29				FRC=0.00 cm				AA= PCA					
0%	FRQ	29 713	17 990	0	0.35	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	28 845	17 531	0	0.34	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	30 038	8 868	0	0.12	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	28 845	8 510	0	0.12	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	28 137	1 978	0	-0.04	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	28 845	1 969	0	-0.04	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	28 393	-2 201	0	-0.04	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	28 845	-2 084	0	-0.04	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	28 137	-3 675	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	28 845	-3 653	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	28 137	-2 770	0	-0.02	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	28 845	-2 732	0	-0.02	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	28 393	967	0	-0.07	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	28 845	672	0	-0.08	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	28 393	6 995	0	0.08	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	28 845	6 563	0	0.07	2.36	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	28 393	15 506	0	0.29	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	28 845	14 936	0	0.28	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 29-30				FRC=0.00 cm				AA= PCA					
0%	FRQ	28 238	26 269	0	0.56	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	27 233	25 790	0	0.55	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	28 238	14 327	0	0.27	2.36	0 E-01	0	0	0.000	0.400	-	SI

Travi - verifica allo stato limite di fessurazione

%L _{LT}	IdCmb	N _{Ed}	M _{Ed,3}	M _{Ed,2}	σ _{ct,f}	σ _t	ε _{sm}	A _e	Δ _{sm}	W _d	W _{amm}	CS	Verificato
[%]		[N]	[N-m]	[N-m]	[N/mm ²]	[N/mm ²]		[cm ²]	[mm]	[mm]	[mm]		
25.0%	QPR	27 233	14 014	0	0.26	2.36	0 E-01	0	0	0.000	0.300	-	SI
	FRQ	27 502	4 826	0	0.03	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	27 233	4 719	0	0.03	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	26 529	-2 190	0	-0.03	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	27 233	-2 090	0	-0.04	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	26 316	-6 429	0	0.08	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	27 233	-6 415	0	0.07	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	27 502	-8 403	0	0.12	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	27 233	-8 250	0	0.12	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	27 502	-7 843	0	0.11	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	27 233	-7 602	0	0.10	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	27 502	-4 793	0	0.03	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	27 233	-4 466	0	0.02	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	27 074	1 733	0	-0.04	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	27 233	1 156	0	-0.06	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 30-31		FRC=-0.01 cm					AA= PCA						
0%	FRQ	30 222	2 261	0	-0.04	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	30 313	1 146	0	-0.07	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	31 496	-9 646	0	0.14	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	30 313	-8 967	0	0.13	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	31 496	-12 412	0	0.21	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	30 313	-11 772	0	0.20	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	29 334	-7 361	0	0.09	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	30 313	-7 271	0	0.08	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	31 496	5 012	0	0.01	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	30 313	4 537	0	0.01	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	31 496	25 205	0	0.53	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	30 313	23 652	0	0.49	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	31 496	53 058	0	1.18	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	30 313	50 080	0	1.11	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	31 496	88 560	0	2.03	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	30 313	83 809	0	1.92	2.36	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	31 496	131 539	0	3.07	2.36	5.146 E-04	570	300	0.155	0.400	2.59	SI
	QPR	30 313	124 679	0	2.91	2.36	4.725 E-04	570	300	0.142	0.300	2.11	SI
Trave: Trave 31-32		FRC=0.17 cm					AA= PCA						
0%	FRQ	42 147	171 270	0	3.99	2.36	7.5169 E-04	570	300	0.226	0.400	1.77	SI
	QPR	40 372	162 596	0	3.79	2.36	6.9892 E-04	570	300	0.210	0.300	1.43	SI
12.5%	FRQ	42 147	42 593	0	0.89	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	40 372	40 493	0	0.85	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	42 147	-52 301	0	1.15	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	40 372	-49 542	0	1.09	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	42 147	-113 055	0	2.68	2.36	4.8586 E-04	570	335	0.163	0.400	2.46	SI
	QPR	40 372	-107 175	0	2.54	2.36	4.6007 E-04	570	335	0.154	0.300	1.95	SI
50.0%	FRQ	42 147	-139 671	0	3.34	2.36	6.8453 E-04	570	335	0.229	0.400	1.75	SI
	QPR	40 372	-132 409	0	3.17	2.36	6.3046 E-04	570	335	0.211	0.300	1.42	SI
62.5%	FRQ	42 147	-132 150	0	3.16	2.36	6.2461 E-04	570	335	0.209	0.400	1.91	SI
	QPR	40 372	-125 243	0	2.99	2.36	5.7345 E-04	570	335	0.192	0.300	1.56	SI
75.0%	FRQ	42 147	-90 487	0	2.12	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	40 372	-85 673	0	2.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	42 147	-14 698	0	0.23	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	40 372	-13 715	0	0.21	2.36	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	42 147	92 141	0	2.16	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	40 372	87 738	0	2.05	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura							Travata: Trave 33-34-35-36-39-40-41						
Trave: Trave 33-34		FRC=0.00 cm					AA= PCA						
0%	FRQ	2 342	11 862	0	0.29	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 712	11 433	0	0.28	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	2 342	1 762	0	0.04	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 712	1 436	0	0.03	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	2 604	-5 656	0	0.13	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 712	-5 463	0	0.13	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	2 604	-9 439	0	0.23	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 712	-9 149	0	0.22	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	2 604	-9 794	0	0.24	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 712	-9 501	0	0.23	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	2 604	-6 591	0	0.16	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 712	-6 396	0	0.15	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	3 446	514	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 712	286	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	2 604	10 999	0	0.27	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 712	10 663	0	0.26	2.36	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	2 604	25 598	0	0.63	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 712	24 817	0	0.61	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 34-35		FRC=0.01 cm					AA= PCA						

Travi - verifica allo stato limite di fessurazione

%L _{LI}	Id _{Cmb}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	σ _{ct,f}	σ _t	ε _{sm}	A _e	Δ _{sm}	W _d	W _{amm}	CS	Verificat o
[%]		[N]	[N-m]	[N-m]	[N/mm ²]	[N/mm ²]		[cm ²]	[mm]	[mm]	[mm]		
0%	FRQ	4 697	27 763	0	0.68	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	4 745	26 719	0	0.65	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	4 327	9 420	0	0.22	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	4 745	9 047	0	0.21	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	4 697	-4 180	0	0.09	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	4 745	-4 036	0	0.09	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	4 697	-12 871	0	0.31	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	4 745	-12 386	0	0.29	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	4 697	-16 522	0	0.38	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	4 745	-15 874	0	0.36	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	4 697	-14 977	0	0.36	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	4 745	-14 355	0	0.34	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	4 697	-8 093	0	0.19	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	4 745	-7 693	0	0.18	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	5 705	4 548	0	0.09	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	4 745	4 247	0	0.09	2.36	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	4 697	22 210	0	0.54	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	4 745	21 542	0	0.52	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 35-36		FRC=0.00 cm					AA= PCA						
0%	FRQ	3 311	24 938	0	0.61	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	3 408	24 167	0	0.59	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	3 311	12 301	0	0.30	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	3 408	11 857	0	0.28	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	3 188	3 143	0	0.07	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	3 408	2 922	0	0.06	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	2 857	-2 790	0	0.06	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	3 408	-2 774	0	0.06	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	3 311	-5 433	0	0.12	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	3 408	-5 372	0	0.12	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	3 188	-5 116	0	0.12	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	3 408	-5 006	0	0.11	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	3 188	-2 032	0	0.04	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	3 408	-1 812	0	0.03	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	4 261	4 346	0	0.09	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	3 408	4 067	0	0.09	2.36	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	4 261	12 867	0	0.31	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	3 408	12 493	0	0.30	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 36-39		FRC=0.01 cm					AA= PCA						
0%	FRQ	6 187	21 065	0	0.50	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	5 928	20 406	0	0.49	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	5 992	7 791	0	0.17	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	5 928	7 458	0	0.17	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	6 597	-2 289	0	0.03	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	5 928	-2 079	0	0.03	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	6 187	-8 528	0	0.19	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	5 928	-8 338	0	0.19	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	6 187	-11 786	0	0.27	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	5 928	-11 464	0	0.27	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	6 187	-11 975	0	0.28	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	5 928	-11 584	0	0.27	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	6 187	-9 253	0	0.21	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	5 928	-8 845	0	0.20	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	6 187	-3 762	0	0.07	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	5 928	-3 381	0	0.07	2.36	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	6 597	5 032	0	0.10	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	5 928	4 672	0	0.10	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 39-40		FRC=0.00 cm					AA= PCA						
0%	FRQ	7 366	10 585	0	0.24	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	7 086	10 155	0	0.23	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	7 366	2 827	0	0.05	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	7 086	2 513	0	0.04	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	7 681	-1 955	0	0.02	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	7 086	-1 754	0	0.02	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	6 247	-2 773	0	0.05	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	7 086	-2 782	0	0.05	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	7 231	-816	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	7 086	-710	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	7 381	4 946	0	0.10	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	7 086	4 324	0	0.08	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	7 381	13 121	0	0.30	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	7 086	12 186	0	0.28	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	7 381	24 022	0	0.57	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	7 086	22 732	0	0.54	2.36	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	7 381	37 504	0	0.91	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	7 086	35 827	0	0.87	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 40-41		FRC=0.02 cm					AA= PCA						
0%	FRQ	18 463	39 699	0	0.93	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	18 032	38 538	0	0.90	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	18 098	11 008	0	0.22	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	18 032	10 769	0	0.21	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	18 463	-11 202	0	0.22	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	18 032	-10 482	0	0.20	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	18 463	-26 272	0	0.59	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	18 032	-24 966	0	0.56	2.36	0 E-01	0	0	0.000	0.300	-	SI

%L _{LI}	Id _{Cmb}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	σ _{ct,f}	σ _t	ε _{sm}	A _e	Δ _{sm}	W _d	W _{amm}	CS	Verificato
[%]		[N]	[N-m]	[N-m]	[N/mm ²]	[N/mm ²]		[cm ²]	[mm]	[mm]	[mm]		
50.0%	FRQ	18 463	-34 069	0	0.79	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	18 032	-32 436	0	0.75	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	18 463	-34 333	0	0.80	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	18 032	-32 646	0	0.75	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	18 463	-26 795	0	0.61	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	18 032	-25 345	0	0.57	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	18 463	-11 193	0	0.22	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	18 032	-10 283	0	0.20	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	18 298	13 102	0	0.27	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	18 032	12 779	0	0.26	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura								Travata: Trave 37-38					
Trave: Trave 37-38				FRC=0.19 cm				AA= PCA					
0%	FRQ	44 024	84 124	0	3.62	2.36	5.7203 E-04	998	403	0.231	0.400	1.73	SI
	QPR	42 223	79 934	0	3.44	2.36	5.431 E-04	998	403	0.219	0.300	1.37	SI
12.5%	FRQ	44 024	14 962	0	0.53	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	42 223	14 331	0	0.51	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	44 024	-35 169	0	1.46	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	42 223	-33 209	0	1.38	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	44 024	-65 570	0	2.87	2.36	5.3821 E-04	998	463	0.249	0.400	1.60	SI
	QPR	42 223	-62 031	0	2.71	2.36	5.0839 E-04	998	463	0.235	0.300	1.27	SI
50.0%	FRQ	44 024	-75 809	0	3.34	2.36	6.3163 E-04	998	463	0.292	0.400	1.37	SI
	QPR	42 223	-71 728	0	3.16	2.36	5.9682 E-04	998	463	0.276	0.300	1.09	SI
62.5%	FRQ	44 024	-65 470	0	2.86	2.36	5.3727 E-04	998	463	0.249	0.400	1.61	SI
	QPR	42 223	-61 909	0	2.71	2.36	5.0722 E-04	998	463	0.235	0.300	1.28	SI
75.0%	FRQ	44 024	-34 111	0	1.41	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	42 223	-32 159	0	1.33	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	44 024	18 692	0	0.70	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	42 223	17 922	0	0.67	2.36	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	44 024	91 878	0	3.97	2.36	6.2907 E-04	998	403	0.254	0.400	1.58	SI
	QPR	42 223	87 335	0	3.77	2.36	5.9761 E-04	998	403	0.241	0.300	1.25	SI
Piano copertura								Travata: Trave 1-9-18-26-33					
Trave: Trave 1-9				FRC=0.00 cm				AA= PCA					
0%	FRQ	13 768	11 685	0	0.25	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	13 629	11 105	0	0.23	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	13 768	4 611	0	0.07	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	13 629	4 165	0	0.06	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	13 170	-940	0	-0.02	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	13 629	-799	0	-0.02	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	13 170	-3 872	0	0.05	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	13 629	-3 788	0	0.05	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	13 170	-4 828	0	0.08	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	13 629	-4 801	0	0.08	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	13 280	-3 885	0	0.05	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	13 629	-3 841	0	0.05	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	13 768	-1 126	0	-0.02	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	13 629	-903	0	-0.02	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	13 170	4 155	0	0.06	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	13 629	4 011	0	0.06	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	13 170	11 102	0	0.23	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	13 629	10 901	0	0.23	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 9-18				FRC=0.00 cm				AA= PCA					
0%	FRQ	12 110	11 626	0	0.25	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	11 523	11 042	0	0.24	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	12 110	4 083	0	0.06	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	11 523	3 644	0	0.05	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	11 512	-1 874	0	0.01	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	11 523	-1 635	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	11 512	-4 926	0	0.09	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	11 523	-4 798	0	0.08	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	10 938	-5 833	0	0.11	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	11 523	-5 843	0	0.10	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	11 460	-4 857	0	0.08	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	11 523	-4 771	0	0.08	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	12 110	-1 864	0	0.01	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	11 523	-1 580	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	11 524	4 043	0	0.06	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	11 523	3 727	0	0.06	2.36	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	11 524	11 579	0	0.25	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	11 523	11 152	0	0.24	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 18-26				FRC=0.00 cm				AA= PCA					
0%	FRQ	11 946	14 816	0	0.33	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	11 701	14 362	0	0.32	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	11 946	6 362	0	0.12	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	11 701	6 038	0	0.11	2.36	0 E-01	0	0	0.000	0.300	-	SI

Travi - verifica allo stato limite di fessurazione

%L _{LT}	Id _{Cmb}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	σ _{ct,f}	σ _t	ε _{sm}	A _e	Δ _{sm}	W _d	W _{amm}	CS	Verificato
[%]		[N]	[N-m]	[N-m]	[N/mm ²]	[N/mm ²]		[cm ²]	[mm]	[mm]	[mm]		
25.0%	FRQ	11 367	-457	0	-0.03	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	11 701	-262	0	-0.03	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	11 367	-4 603	0	0.08	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	11 701	-4 541	0	0.08	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	11 010	-6 786	0	0.13	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	11 701	-6 798	0	0.13	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	11 934	-7 224	0	0.14	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	11 701	-7 031	0	0.14	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	11 934	-5 567	0	0.10	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	11 701	-5 244	0	0.09	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	11 934	-1 885	0	0.01	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	11 701	-1 433	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	11 380	5 002	0	0.09	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	11 701	4 400	0	0.07	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 26-33				FRC=0.00 cm				AA= PCA					
0%	FRQ	2 285	-7 185	0	0.17	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 204	-6 876	0	0.16	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	2 285	-6 164	0	0.15	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 204	-5 898	0	0.14	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	2 285	-5 089	0	0.12	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 204	-4 865	0	0.11	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	2 285	-3 962	0	0.09	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 204	-3 780	0	0.09	2.36	0 E-01	0	0	0.000	0.300	-	SI
49.9%	FRQ	2 285	-2 782	0	0.06	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 204	-2 642	0	0.06	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.4%	FRQ	1 570	-1 484	0	0.03	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 204	-1 452	0	0.03	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.1%	FRQ	1 570	-243	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 204	-205	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	1 704	1 185	0	0.02	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 204	1 091	0	0.02	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	1 704	2 532	0	0.06	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 204	2 443	0	0.05	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura				Travata: Trave 5-13-22-30-39				AA= PCA					
Trave: Trave 5-13				FRC=0.00 cm				AA= PCA					
0%	FRQ	19 546	15 174	0	0.31	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	19 865	14 422	0	0.30	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	19 546	6 817	0	0.11	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	19 865	6 216	0	0.09	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	19 546	679	0	-0.05	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	19 865	230	0	-0.06	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	19 120	-3 551	0	0.03	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	19 865	-3 528	0	0.02	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	19 120	-5 093	0	0.07	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	19 865	-5 066	0	0.06	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	19 120	-4 410	0	0.05	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	19 865	-4 379	0	0.05	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	19 546	-1 629	0	-0.02	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	19 865	-1 471	0	-0.03	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	20 925	3 930	0	0.03	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	19 865	3 661	0	0.03	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	20 925	11 403	0	0.22	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	19 865	11 009	0	0.21	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 13-22				FRC=0.00 cm				AA= PCA					
0%	FRQ	21 356	10 673	0	0.20	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	21 228	10 142	0	0.18	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	21 356	1 872	0	-0.02	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	21 228	1 469	0	-0.03	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	21 816	-5 022	0	0.05	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	21 228	-4 724	0	0.05	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	21 718	-8 643	0	0.15	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	21 228	-8 429	0	0.14	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	21 718	-9 894	0	0.17	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	21 228	-9 650	0	0.16	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	21 718	-8 632	0	0.15	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	21 228	-8 383	0	0.14	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	21 356	-4 868	0	0.05	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	21 228	-4 629	0	0.05	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	21 816	1 989	0	-0.02	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	21 228	1 610	0	-0.03	2.36	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	21 816	10 845	0	0.20	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	21 228	10 330	0	0.19	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 22-30				FRC=-0.01 cm				AA= PCA					
0%	FRQ	26 466	7 729	0	0.11	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	25 613	7 308	0	0.10	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	26 466	4 098	0	0.02	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	25 613	3 797	0	0.01	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	24 484	2 782	0	-0.01	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	25 613	2 770	0	-0.01	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	26 282	4 741	0	0.03	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	25 613	4 226	0	0.02	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	26 282	9 098	0	0.14	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	25 613	8 168	0	0.12	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	26 282	15 969	0	0.31	2.36	0 E-01	0	0	0.000	0.400	-	SI

Travi - verifica allo stato limite di fessurazione

%L _{LI}	IdCmb	N _{Ed}	M _{Ed,3}	M _{Ed,2}	σ _{ct,f}	σ _t	ε _{sm}	A _e	Δ _{sm}	W _d	W _{amm}	CS	Verificato
[%]		[N]	[N-m]	[N-m]	[N/mm ²]	[N/mm ²]		[cm ²]	[mm]	[mm]	[mm]		
75.0%	QPR	25 613	14 599	0	0.28	2.36	0 E-01	0	0	0.000	0.300	-	SI
	FRQ	26 282	25 352	0	0.48	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	25 613	23 515	0	0.44	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	26 282	37 247	0	0.84	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	25 613	34 916	0	0.79	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	26 282	51 656	0	1.20	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	25 613	48 804	0	1.13	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 30-39				FRC=0.06 cm				AA= PCA					
0%	FRQ	33 627	84 624	0	2.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	32 808	80 236	0	1.89	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	33 627	14 751	0	0.26	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	32 808	14 032	0	0.24	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	33 627	-36 057	0	0.79	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	32 808	-34 077	0	0.74	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	33 627	-67 790	0	1.58	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	32 808	-64 083	0	1.49	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	33 627	-80 458	0	1.90	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	32 808	-75 994	0	1.79	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	33 627	-74 053	0	1.74	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	32 808	-69 804	0	1.63	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	33 627	-48 579	0	1.10	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	32 808	-45 514	0	1.03	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	33 627	-4 189	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	32 808	-3 271	0	-0.02	2.36	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	33 627	56 470	0	1.30	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	32 808	54 437	0	1.25	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura								Travata: Trave 6-14-23-31-37-40					
Trave: Trave 6-14				FRC=0.04 cm				AA= PCA					
0%	FRQ	38 008	62 046	0	2.73	2.36	5.1423 E-04	998	463	0.238	0.400	1.68	SI
	QPR	36 879	59 594	0	2.62	2.36	4.9339 E-04	998	463	0.228	0.300	1.31	SI
12.5%	FRQ	38 008	13 908	0	0.52	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	36 879	13 390	0	0.50	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	38 008	-19 678	0	0.78	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	36 879	-18 834	0	0.75	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	38 008	-38 707	0	1.65	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	36 879	-37 077	0	1.58	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	38 008	-43 180	0	1.86	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	36 879	-41 337	0	1.78	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	38 008	-33 096	0	1.40	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	36 879	-31 614	0	1.33	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	38 008	-8 457	0	0.26	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	36 879	-7 910	0	0.24	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	38 008	30 738	0	1.25	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	36 879	29 776	0	1.21	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	38 008	84 434	0	3.65	2.36	5.8076 E-04	998	403	0.234	0.400	1.71	SI
	QPR	36 879	81 391	0	3.52	2.36	5.5961 E-04	998	403	0.226	0.300	1.33	SI
Trave: Trave 14-23				FRC=0.05 cm				AA= PCA					
0%	FRQ	36 189	85 963	0	3.73	2.36	5.9406 E-04	998	403	0.239	0.400	1.67	SI
	QPR	34 531	82 258	0	3.57	2.36	5.6864 E-04	998	403	0.229	0.300	1.31	SI
12.5%	FRQ	36 189	29 539	0	1.21	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	34 531	28 136	0	1.15	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	36 189	-11 374	0	0.40	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	34 531	-11 086	0	0.39	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	36 189	-36 735	0	1.57	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	34 531	-35 369	0	1.51	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	36 189	-46 571	0	1.96	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	34 531	-44 740	0	1.88	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	36 189	-40 973	0	1.76	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	34 531	-39 283	0	1.69	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	36 189	-20 119	0	0.81	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	34 531	-19 171	0	0.77	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	35 913	15 797	0	0.61	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	34 531	15 419	0	0.60	2.36	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	36 189	66 553	0	2.94	2.36	5.5795 E-04	998	463	0.258	0.400	1.55	SI
	QPR	34 531	64 253	0	2.84	2.36	5.3922 E-04	998	463	0.250	0.300	1.20	SI
Trave: Trave 23-31				FRC=-0.01 cm				AA= PCA					
0%	FRQ	17 490	36 017	0	1.60	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	16 524	35 073	0	1.56	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	17 490	23 169	0	1.01	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	16 524	22 397	0	0.97	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	17 490	13 110	0	0.55	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	16 524	12 510	0	0.52	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	17 490	5 842	0	0.21	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	16 524	5 414	0	0.20	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	17 490	1 367	0	0.01	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	16 524	1 111	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI

Travi - verifica allo stato limite di fessurazione

%L _{LI}	Id _{Cmb}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	σ _{ct,f}	σ _t	ε _{sm}	A _e	Δ _{sm}	W _d	W _{amm}	CS	Verificato
[%]		[N]	[N-m]	[N-m]	[N/mm ²]	[N/mm ²]		[cm ²]	[mm]	[mm]	[mm]		
62.5%	FRQ	16 253	-463	0	-0.03	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	16 524	-403	0	-0.03	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	16 854	1 078	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	16 524	871	0	-0.01	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	16 854	5 410	0	0.19	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	16 524	4 938	0	0.17	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	16 854	12 626	0	0.53	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	16 524	11 800	0	0.49	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 31-37		FRC=0.04 cm					AA= PCA						
0%	FRQ	23 684	28 739	0	1.24	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	22 987	27 226	0	1.18	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	22 842	2 125	0	0.02	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	22 987	1 915	0	0.01	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	23 684	-16 575	0	0.68	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	22 987	-15 833	0	0.65	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	23 684	-27 307	0	1.18	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	22 987	-26 016	0	1.12	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	23 684	-30 083	0	1.26	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	22 987	-28 633	0	1.20	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	23 684	-24 910	0	1.07	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	22 987	-23 685	0	1.01	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	23 684	-11 780	0	0.46	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	22 987	-11 168	0	0.44	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	23 684	9 296	0	0.35	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	22 987	8 908	0	0.33	2.36	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	23 684	38 318	0	1.68	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	22 987	36 544	0	1.60	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 37-40		FRC=0.00 cm					AA= PCA						
0%	FRQ	10 096	17 876	0	0.79	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	9 748	16 730	0	0.74	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	10 096	12 337	0	0.53	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	9 748	11 525	0	0.50	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	10 096	8 152	0	0.34	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	9 748	7 606	0	0.32	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	10 096	5 328	0	0.21	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	9 748	4 984	0	0.20	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	10 096	3 856	0	0.14	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	9 748	3 648	0	0.14	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	9 767	3 616	0	0.13	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	9 748	3 468	0	0.13	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	10 089	4 587	0	0.18	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	9 748	4 282	0	0.17	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	10 089	6 368	0	0.26	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	9 748	5 916	0	0.24	2.36	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	10 089	8 797	0	0.37	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	9 748	8 199	0	0.34	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura							Travata: Trave 8-16-17-25-32-38-41						
Trave: Trave 8-16		FRC=0.02 cm					AA= PCA						
0%	FRQ	38 565	47 023	0	1.05	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	37 437	45 205	0	1.01	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	38 500	-994	0	-0.10	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	37 437	-600	0	-0.11	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	38 565	-34 247	0	0.73	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	37 437	-32 785	0	0.70	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	38 565	-53 624	0	1.21	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	37 437	-51 358	0	1.16	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	38 565	-58 831	0	1.34	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	37 437	-56 319	0	1.28	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	38 565	-49 863	0	1.12	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	37 437	-47 660	0	1.07	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	38 565	-26 724	0	0.54	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	37 437	-25 388	0	0.51	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	38 500	10 778	0	0.14	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	37 437	10 500	0	0.14	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	38 565	62 019	0	1.42	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	37 437	59 951	0	1.37	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 16-17		FRC=0.00 cm					AA= PCA						
0%	FRQ	21 102	35 495	0	0.82	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	19 849	33 334	0	0.77	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	21 102	21 820	0	0.48	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	19 849	20 333	0	0.44	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	21 102	11 174	0	0.21	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	19 849	10 242	0	0.19	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	21 102	3 610	0	0.02	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	19 849	3 111	0	0.01	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	19 842	-1 224	0	-0.03	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	19 849	-1 061	0	-0.04	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	19 090	-2 241	0	-0.01	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	19 849	-2 274	0	-0.01	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	19 090	-530	0	-0.05	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	19 849	-534	0	-0.05	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	19 842	4 297	0	0.04	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	19 849	4 158	0	0.04	2.36	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	19 842	12 046	0	0.24	2.36	0 E-01	0	0	0.000	0.400	-	SI

%LLI	IdCmb	N _{Ed}	M _{Ed,3}	M _{Ed,2}	σ _{ct,f}	σ _t	ε _{sm}	A _e	Δ _{sm}	W _d	W _{amm}	CS	Verificato
[%]		[N]	[N-m]	[N-m]	[N/mm ²]	[N/mm ²]		[cm ²]	[mm]	[mm]	[mm]		
	QPR	19 849	11 807	0	0.23	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 17-25		FRC=0.00 cm					AA= PCA						
0%	FRQ	16 608	5 845	0	0.09	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	16 682	5 662	0	0.09	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	17 745	-3 801	0	0.04	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	16 682	-3 158	0	0.02	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	17 745	-9 857	0	0.19	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	16 682	-8 985	0	0.17	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	17 745	-12 818	0	0.26	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	16 682	-11 838	0	0.24	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	17 745	-12 696	0	0.26	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	16 682	-11 729	0	0.24	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	17 745	-9 513	0	0.18	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	16 682	-8 677	0	0.16	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	17 745	-3 285	0	0.02	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	16 682	-2 699	0	0.01	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	17 134	6 537	0	0.11	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	16 682	6 187	0	0.10	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	17 134	18 401	0	0.40	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	16 682	17 968	0	0.39	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 25-32		FRC=0.00 cm					AA= PCA						
0%	FRQ	25 077	35 139	0	0.79	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	23 448	33 942	0	0.77	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	25 077	21 982	0	0.47	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	23 448	21 033	0	0.45	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	25 077	11 367	0	0.17	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	23 448	10 665	0	0.16	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	25 077	3 434	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	23 448	2 980	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	23 078	-1 872	0	-0.03	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	23 448	-1 884	0	-0.03	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	23 078	-3 840	0	0.02	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	23 448	-3 788	0	0.02	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	23 078	-2 710	0	-0.01	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	23 448	-2 595	0	-0.01	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	23 666	2 163	0	-0.02	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	23 448	1 831	0	-0.03	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	23 666	10 078	0	0.17	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	23 448	9 629	0	0.16	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 32-38		FRC=0.01 cm					AA= PCA						
0%	FRQ	24 135	-4 300	0	0.03	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	22 697	-3 190	0	0.01	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	24 135	-10 362	0	0.18	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	22 697	-9 502	0	0.16	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	24 135	-13 844	0	0.27	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	22 697	-13 233	0	0.26	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	23 248	-14 662	0	0.29	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	22 697	-14 242	0	0.28	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	23 248	-12 729	0	0.23	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	22 697	-12 394	0	0.22	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	23 248	-7 735	0	0.12	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	22 697	-7 548	0	0.11	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	22 727	700	0	-0.06	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	22 697	432	0	-0.06	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	24 135	12 318	0	0.23	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	22 697	11 681	0	0.22	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	24 135	27 228	0	0.60	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	22 697	26 341	0	0.58	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 38-41		FRC=0.00 cm					AA= PCA						
0%	FRQ	6 525	-4 335	0	0.09	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	6 293	-3 515	0	0.07	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	6 525	-7 371	0	0.16	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	6 293	-6 726	0	0.15	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	6 525	-9 076	0	0.21	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	6 293	-8 607	0	0.19	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	6 449	-9 401	0	0.21	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	6 293	-9 104	0	0.21	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	6 449	-8 399	0	0.19	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	6 293	-8 162	0	0.18	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	6 449	-5 878	0	0.13	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	6 293	-5 728	0	0.12	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	6 380	-1 928	0	0.03	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	6 293	-1 748	0	0.02	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	6 525	4 234	0	0.08	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	6 293	3 829	0	0.08	2.36	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	6 525	11 638	0	0.27	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	6 293	11 058	0	0.26	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura							Travata: Trave 27-34						
Trave: Trave 27-34		FRC=0.00 cm					AA= PCA						
0%	FRQ	-2 061	17 032	0	0.77	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-3 025	15 776	0	0.71	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	-2 061	12 382	0	0.56	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-3 025	11 358	0	0.52	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	-2 061	8 220	0	0.37	2.36	0 E-01	0	0	0.000	0.400	-	SI

Travi - verifica allo stato limite di fessurazione

%L _{LI}	Id _{Cmb}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	σ _{ct,f}	σ _t	ε _{sm}	A _e	Δ _{sm}	W _d	W _{amm}	CS	Verificato
[%]		[N]	[N-m]	[N-m]	[N/mm ²]	[N/mm ²]		[cm ²]	[mm]	[mm]	[mm]		
37.5%	QPR	-3 025	7 428	0	0.34	2.36	0 E-01	0	0	0.000	0.300	-	SI
	FRQ	-2 061	4 546	0	0.22	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-3 025	3 986	0	0.19	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	-3 272	1 332	0	0.07	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-3 025	1 030	0	0.06	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	-2 964	-1 541	0	0.08	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-3 025	-1 436	0	0.08	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	-3 754	-3 437	0	0.17	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-3 025	-3 417	0	0.17	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	-2 061	-5 276	0	0.25	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-3 025	-4 908	0	0.23	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	-2 061	-6 514	0	0.31	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-3 025	-5 914	0	0.28	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura								Travata: Trave 28-35					
Trave: Trave 28-35				FRC=0.01 cm				AA= PCA					
0%	FRQ	3 821	33 990	0	1.55	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 845	32 675	0	1.49	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	3 821	17 739	0	0.80	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 845	16 691	0	0.76	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	3 750	4 923	0	0.21	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 845	4 146	0	0.18	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	3 215	-5 508	0	0.24	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 845	-4 949	0	0.22	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	3 215	-11 321	0	0.51	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 845	-10 601	0	0.48	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	3 215	-13 512	0	0.61	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 845	-12 806	0	0.58	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	3 215	-12 087	0	0.54	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 845	-11 569	0	0.52	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	3 821	-7 442	0	0.33	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 845	-6 886	0	0.31	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	2 591	2 049	0	0.09	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 845	1 240	0	0.05	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura								Travata: Trave 29-36					
Trave: Trave 29-36				FRC=0.04 cm				AA= PCA					
0%	FRQ	24 974	74 616	0	3.26	2.36	5.2266 E-04	998	403	0.211	0.400	1.90	SI
	QPR	23 834	71 054	0	3.10	2.36	4.9774 E-04	998	403	0.201	0.300	1.50	SI
12.5%	FRQ	24 974	29 442	0	1.24	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	23 834	28 212	0	1.19	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	23 553	-4 261	0	0.12	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	23 834	-3 639	0	0.09	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	24 974	-26 087	0	1.12	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	23 834	-24 487	0	1.05	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	24 974	-36 441	0	1.59	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	23 834	-34 344	0	1.50	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	24 974	-35 184	0	1.53	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	23 834	-33 202	0	1.45	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	24 974	-22 321	0	0.94	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	23 834	-21 066	0	0.89	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	23 553	2 261	0	0.03	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	23 834	1 707	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	24 974	35 215	0	1.54	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	23 834	33 357	0	1.45	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano terra								Travata: Trave 1-2-3-4-5-6-7-8					
Trave: Trave 1-2				FRC=0.01 cm				AA= PCA					
0%	FRQ	-6 093	6 560	0	0.18	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 567	5 883	0	0.16	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	-4 659	-9 361	0	0.25	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 567	-8 656	0	0.23	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	-4 659	-18 312	0	0.47	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 567	-17 827	0	0.46	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	-5 618	-21 782	0	0.56	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 567	-21 636	0	0.56	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	-5 618	-20 224	0	0.52	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 567	-20 080	0	0.52	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	-6 113	-13 300	0	0.35	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 567	-13 158	0	0.35	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	-6 113	-1 179	0	0.05	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 567	-873	0	0.04	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	-4 639	17 393	0	0.45	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 567	16 776	0	0.44	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	-4 639	40 618	0	1.03	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 567	39 781	0	1.01	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 2-3				FRC=0.00 cm				AA= PCA					
0%	FRQ	-5 008	30 182	0	0.77	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-4 665	29 511	0	0.75	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	-5 008	10 956	0	0.29	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-4 665	10 453	0	0.28	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	-4 053	-3 603	0	0.10	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-4 665	-3 133	0	0.09	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	-4 053	-11 477	0	0.30	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-4 665	-11 239	0	0.29	2.36	0 E-01	0	0	0.000	0.300	-	SI

Travi - verifica allo stato limite di fessurazione

%L _{LT}	Id _{Cmb}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	σ _{ct,f}	σ _t	ε _{sm}	A _e	Δ _{sm}	W _d	W _{amm}	CS	Verificat o
[%]		[N]	[N-m]	[N-m]	[N/mm ²]	[N/mm ²]		[cm ²]	[mm]	[mm]	[mm]		
50.0%	FRQ	-5 263	-13 869	0	0.35	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-4 665	-13 859	0	0.34	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	-5 028	-11 163	0	0.29	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-4 665	-10 996	0	0.29	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	-5 028	-2 985	0	0.09	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-4 665	-2 651	0	0.08	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	-4 033	11 866	0	0.31	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-4 665	11 178	0	0.29	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	-4 033	31 397	0	0.79	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-4 665	30 478	0	0.77	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 3-4				FRC=0.00 cm				AA= PCA					
0%	FRQ	-4 211	26 405	0	0.67	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-4 031	25 724	0	0.65	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	-4 211	8 039	0	0.21	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-4 031	7 529	0	0.20	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	-3 704	-5 659	0	0.15	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-4 031	-5 196	0	0.14	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	-3 704	-12 673	0	0.33	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-4 031	-12 439	0	0.32	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	-4 557	-14 209	0	0.37	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-4 031	-14 196	0	0.37	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	-4 557	-10 611	0	0.28	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-4 031	-10 470	0	0.27	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	-4 231	-1 603	0	0.05	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-4 031	-1 261	0	0.04	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	-3 684	14 111	0	0.36	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-4 031	13 428	0	0.35	2.36	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	-3 684	34 502	0	0.87	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-4 031	33 590	0	0.85	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 4-5				FRC=0.01 cm				AA= PCA					
0%	FRQ	-3 661	32 002	0	0.81	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-3 636	31 410	0	0.79	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	-3 661	12 145	0	0.31	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-3 636	11 688	0	0.30	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	-3 687	-3 087	0	0.09	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-3 636	-2 562	0	0.08	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	-3 687	-11 636	0	0.30	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-3 636	-11 330	0	0.29	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	-3 667	-14 702	0	0.38	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-3 636	-14 614	0	0.38	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	-3 600	-12 552	0	0.32	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-3 636	-12 415	0	0.32	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	-3 681	-4 954	0	0.14	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-3 636	-4 733	0	0.13	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	-3 667	9 001	0	0.24	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-3 636	8 432	0	0.22	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	-3 667	27 867	0	0.71	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-3 636	27 079	0	0.69	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 5-6				FRC=0.01 cm				AA= PCA					
0%	FRQ	-7 974	34 359	0	0.88	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-8 005	33 932	0	0.87	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	-7 974	13 629	0	0.37	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-8 005	13 311	0	0.36	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	-8 163	-2 088	0	0.08	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-8 005	-1 826	0	0.07	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	-8 163	-11 598	0	0.32	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-8 005	-11 481	0	0.31	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	-8 049	-15 753	0	0.37	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-8 005	-15 653	0	0.37	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	-8 035	-14 484	0	0.39	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-8 005	-14 342	0	0.38	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	-8 035	-7 778	0	0.22	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-8 005	-7 548	0	0.21	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	-8 143	5 195	0	0.16	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-8 005	4 731	0	0.14	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	-8 143	23 100	0	0.60	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-8 005	22 490	0	0.59	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 6-7				FRC=0.00 cm				AA= PCA					
0%	FRQ	-5 248	13 203	0	0.35	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 265	12 729	0	0.33	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	-5 482	-2 428	0	0.08	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 265	-1 921	0	0.06	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	-5 482	-11 427	0	0.30	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 265	-11 084	0	0.29	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	-5 482	-14 947	0	0.39	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 265	-14 769	0	0.38	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	-5 348	-13 056	0	0.34	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 265	-12 968	0	0.34	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	-5 268	-5 790	0	0.16	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 265	-5 685	0	0.16	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	-5 462	7 399	0	0.20	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 265	7 083	0	0.19	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	-5 462	25 812	0	0.66	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 265	25 331	0	0.65	2.36	0 E-01	0	0	0.000	0.300	-	SI

Travi - verifica allo stato limite di fessurazione

%L _{LI}	Id _{Cmb}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	σ _{ct,f}	σ _t	ε _{sm}	A _e	Δ _{sm}	W _d	W _{amm}	CS	Verificato
[%]		[N]	[N-m]	[N-m]	[N/mm ²]	[N/mm ²]		[cm ²]	[mm]	[mm]	[mm]		
100%	FRQ	-5 462	49 697	0	1.26	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 265	49 052	0	1.24	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 7-8				FRC=0.01 cm				AA= PCA					
0%	FRQ	-7 704	53 221	0	1.35	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-7 627	52 642	0	1.34	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	-7 704	26 996	0	0.70	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-7 627	26 546	0	0.69	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	-7 704	6 286	0	0.18	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-7 627	5 965	0	0.17	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	-7 726	-9 221	0	0.25	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-7 627	-9 081	0	0.25	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	-7 726	-18 748	0	0.49	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-7 627	-18 596	0	0.49	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	-7 718	-22 780	0	0.59	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-7 627	-22 582	0	0.59	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	-7 718	-21 369	0	0.56	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-7 627	-21 038	0	0.55	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	-7 718	-14 425	0	0.38	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-7 627	-13 962	0	0.37	2.36	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	-7 718	-1 952	0	0.07	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-7 627	-1 356	0	0.06	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano terra				Travata: Trave 9-10-11-12-13-14-15-16				AA= PCA					
Trave: Trave 9-10				FRC=0.02 cm				AA= PCA					
0%	FRQ	3 067	3 620	0	0.16	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	4 509	3 000	0	0.12	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	7 775	-7 084	0	0.30	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	4 509	-6 299	0	0.27	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	7 775	-12 714	0	0.56	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	4 509	-12 121	0	0.54	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	4 605	-14 779	0	0.66	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	4 509	-14 464	0	0.65	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	4 605	-13 695	0	0.61	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	4 509	-13 327	0	0.60	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	4 605	-9 024	0	0.40	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	4 509	-8 716	0	0.39	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	3 067	-745	0	0.02	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	4 509	-623	0	0.01	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	4 605	11 097	0	0.49	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	4 509	10 945	0	0.49	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	4 605	26 499	0	1.20	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	4 509	25 951	0	1.18	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 10-11				FRC=0.01 cm				AA= PCA					
0%	FRQ	2 292	22 091	0	1.01	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 196	21 501	0	0.98	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	1 109	8 807	0	0.40	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 196	8 682	0	0.39	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	670	-613	0	0.03	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 196	-623	0	0.02	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	2 292	-6 636	0	0.30	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 196	-6 374	0	0.29	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	2 292	-8 886	0	0.39	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 196	-8 571	0	0.37	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	2 292	-7 464	0	0.34	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 196	-7 210	0	0.32	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	1 109	-2 414	0	0.11	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 196	-2 296	0	0.10	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	2 292	6 388	0	0.29	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 196	6 171	0	0.28	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	2 292	18 775	0	0.85	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 196	18 153	0	0.83	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 11-12				FRC=0.01 cm				AA= PCA					
0%	FRQ	943	17 816	0	0.81	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	854	17 196	0	0.79	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	40	5 555	0	0.25	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	854	5 377	0	0.24	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	943	-3 004	0	0.13	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	854	-2 931	0	0.13	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	943	-7 931	0	0.36	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	854	-7 684	0	0.35	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	943	-9 188	0	0.42	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	854	-8 881	0	0.40	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	943	-6 774	0	0.31	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	854	-6 523	0	0.30	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	40	-714	0	0.03	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	854	-610	0	0.03	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	943	9 065	0	0.41	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	854	8 855	0	0.40	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	943	22 444	0	1.03	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	854	21 835	0	1.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 12-13				FRC=0.01 cm				AA= PCA					
0%	FRQ	307	24 281	0	1.11	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	209	23 663	0	1.09	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	-329	9 973	0	0.46	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	209	9 788	0	0.45	2.36	0 E-01	0	0	0.000	0.300	-	SI

%L _{LT}	Id _{Cmb}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	σ _{ct,f}	σ _t	ε _{sm}	A _e	Δ _{sm}	W _d	W _{amm}	CS	Verificato
[%]		[N]	[N-m]	[N-m]	[N/mm ²]	[N/mm ²]		[cm ²]	[mm]	[mm]	[mm]		
25.0%	FRQ	307	-657	0	0.03	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	209	-577	0	0.03	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	307	-7 645	0	0.35	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	209	-7 388	0	0.34	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	307	-10 960	0	0.50	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	209	-10 641	0	0.49	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	307	-10 604	0	0.49	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	209	-10 340	0	0.47	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	392	-6 755	0	0.31	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	209	-6 485	0	0.30	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	307	1 115	0	0.05	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	209	923	0	0.04	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	307	12 480	0	0.57	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	209	11 887	0	0.54	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 13-14				FRC=0.01 cm				AA= PCA					
0%	FRQ	-16 184	28 171	0	1.35	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-16 262	27 622	0	1.32	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	-16 541	13 276	0	0.66	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-16 262	12 955	0	0.65	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	-16 541	2 046	0	0.15	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-16 262	1 843	0	0.14	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	-16 184	-6 000	0	0.33	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-16 262	-5 713	0	0.31	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	-16 184	-10 050	0	0.47	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-16 262	-9 716	0	0.45	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	-16 184	-10 431	0	0.53	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-16 262	-10 166	0	0.52	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	-16 541	-7 325	0	0.39	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-16 262	-7 058	0	0.38	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	-16 541	-781	0	0.09	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-16 262	-396	0	0.07	2.36	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	-16 184	10 456	0	0.53	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-16 262	9 822	0	0.50	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 14-15				FRC=0.01 cm				AA= PCA					
0%	FRQ	-21 231	2 151	0	0.17	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-20 986	1 760	0	0.15	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	-21 826	-6 061	0	0.35	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-20 986	-5 739	0	0.33	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	-21 826	-10 287	0	0.54	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-20 986	-9 855	0	0.52	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	-21 826	-11 019	0	0.58	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-20 986	-10 591	0	0.55	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	-21 826	-8 251	0	0.43	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-20 986	-7 943	0	0.42	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	-21 826	-1 989	0	0.16	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-20 986	-1 917	0	0.16	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	-21 826	7 773	0	0.43	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-20 986	7 493	0	0.41	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	-21 826	21 029	0	1.04	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-20 986	20 282	0	1.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	-21 826	37 762	0	1.80	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-20 986	36 432	0	1.74	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 15-16				FRC=0.01 cm				AA= PCA					
0%	FRQ	-22 873	36 455	0	1.75	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-21 965	35 203	0	1.69	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	-22 873	19 676	0	0.98	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-21 965	18 984	0	0.94	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	-22 873	6 402	0	0.37	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-21 965	6 154	0	0.35	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	-21 921	-3 413	0	0.23	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-21 965	-3 267	0	0.22	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	-22 873	-9 563	0	0.51	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-21 965	-9 275	0	0.50	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	-22 873	-12 254	0	0.64	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-21 965	-11 873	0	0.62	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	-22 873	-11 414	0	0.60	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-21 965	-11 058	0	0.58	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	-21 579	-7 228	0	0.40	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-21 965	-6 835	0	0.38	2.36	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	-21 687	1 305	0	0.13	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-21 965	798	0	0.11	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano terra				Travata: Trave 18-19-20-21-22-23-24-25									
Trave: Trave 18-19				FRC=0.02 cm				AA= PCA					
0%	FRQ	2 788	4 638	0	0.20	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	4 019	3 890	0	0.17	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	6 931	-6 350	0	0.27	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	4 019	-5 575	0	0.24	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	6 931	-12 149	0	0.54	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	4 019	-11 565	0	0.52	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	4 128	-14 393	0	0.65	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	4 019	-14 075	0	0.63	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	4 128	-13 474	0	0.61	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	4 019	-13 104	0	0.59	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	4 128	-8 969	0	0.40	2.36	0 E-01	0	0	0.000	0.400	-	SI

Travi - verifica allo stato limite di fessurazione

%L _{LI}	Id _{Cmb}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	σ _{ct,f}	σ _t	ε _{sm}	A _e	Δ _{sm}	W _d	W _{amm}	CS	Verificato
[%]		[N]	[N-m]	[N-m]	[N/mm ²]	[N/mm ²]		[cm ²]	[mm]	[mm]	[mm]		
0%	FRQ	-6 653	2 826	0	0.15	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-8 303	2 213	0	0.13	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	-8 531	-4 716	0	0.24	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-8 303	-4 272	0	0.22	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	-8 565	-8 493	0	0.42	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-8 303	-7 992	0	0.39	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	-8 565	-9 430	0	0.46	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-8 303	-8 955	0	0.44	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	-8 565	-7 489	0	0.36	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-8 303	-7 155	0	0.34	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	-8 565	-2 671	0	0.15	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-8 303	-2 594	0	0.15	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	-8 565	5 024	0	0.26	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-8 303	4 727	0	0.24	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	-8 565	15 594	0	0.74	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-8 303	14 808	0	0.71	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	-8 565	29 041	0	1.36	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-8 303	27 651	0	1.30	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 24-25		FRC=0.01 cm					AA= PCA						
0%	FRQ	-11 795	32 037	0	1.51	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-11 588	30 661	0	1.44	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	-11 795	19 709	0	0.94	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-11 588	18 866	0	0.90	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	-11 795	9 365	0	0.47	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-11 588	8 974	0	0.45	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	-12 969	986	0	0.09	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-11 588	986	0	0.08	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	-11 795	-5 371	0	0.28	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-11 588	-5 096	0	0.27	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	-11 795	-9 768	0	0.49	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-11 588	-9 280	0	0.46	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	-11 795	-12 180	0	0.60	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-11 588	-11 558	0	0.57	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	-11 795	-12 609	0	0.62	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-11 588	-11 934	0	0.59	2.36	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	-9 610	-11 282	0	0.55	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-11 588	-10 405	0	0.51	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano terra		Travata: Trave 26-27-28-29-30-31-32					AA= PCA						
Trave: Trave 26-27		FRC=0.01 cm					AA= PCA						
0%	FRQ	-10 265	7 769	0	0.23	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-10 254	6 511	0	0.20	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	-9 467	-7 409	0	0.21	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-10 254	-6 337	0	0.19	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	-9 467	-15 562	0	0.42	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-10 254	-14 827	0	0.40	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	-10 286	-19 295	0	0.51	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-10 254	-18 733	0	0.50	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	-10 286	-18 413	0	0.49	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-10 254	-17 834	0	0.48	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	-10 286	-12 329	0	0.34	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-10 254	-11 904	0	0.33	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	-10 265	-1 287	0	0.07	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-10 254	-718	0	0.05	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	-9 467	16 903	0	0.45	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-10 254	15 949	0	0.43	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	-9 467	39 486	0	1.01	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-10 254	38 194	0	0.98	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 27-28		FRC=0.01 cm					AA= PCA						
0%	FRQ	-13 904	35 074	0	0.92	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-13 892	33 734	0	0.88	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	-13 218	12 085	0	0.34	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-13 892	11 107	0	0.32	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	-13 576	-5 913	0	0.19	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-13 892	-5 201	0	0.17	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	-13 904	-15 405	0	0.43	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-13 892	-14 826	0	0.41	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	-13 904	-18 237	0	0.48	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-13 892	-17 533	0	0.46	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	-13 904	-13 644	0	0.38	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-13 892	-13 094	0	0.37	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	-13 218	-1 923	0	0.09	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-13 892	-1 273	0	0.08	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	-13 576	19 224	0	0.52	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-13 892	18 163	0	0.50	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	-13 904	46 934	0	1.21	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-13 892	45 244	0	1.17	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 28-29		FRC=0.01 cm					AA= PCA						
0%	FRQ	-15 155	51 396	0	1.33	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-15 177	49 293	0	1.28	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	-13 872	18 283	0	0.50	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-15 177	17 290	0	0.48	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	-15 337	-7 153	0	0.23	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-15 177	-6 444	0	0.21	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	-15 155	-22 380	0	0.61	2.36	0 E-01	0	0	0.000	0.400	-	SI

%L _{LT}	Id _{Cmb}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	σ _{ct,f}	σ _t	ε _{sm}	A _e	Δ _{sm}	W _d	W _{amm}	CS	Verificato
[%]		[N]	[N-m]	[N-m]	[N/mm ²]	[N/mm ²]		[cm ²]	[mm]	[mm]	[mm]		
87.5%	FRQ	-2 770	18 894	0	0.48	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-3 376	17 929	0	0.46	2.36	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	-2 770	46 997	0	1.18	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-3 376	45 678	0	1.15	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 34-35				FRC=0.01 cm				AA= PCA					
0%	FRQ	-3 372	47 401	0	1.19	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-3 088	46 250	0	1.16	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	-3 372	16 401	0	0.42	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-3 088	15 538	0	0.40	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	-2 463	-7 028	0	0.18	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-3 088	-6 489	0	0.17	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	-3 140	-20 125	0	0.51	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-3 088	-19 622	0	0.50	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	-3 140	-24 244	0	0.59	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-3 088	-23 649	0	0.57	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	-3 140	-18 802	0	0.48	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-3 088	-18 351	0	0.47	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	-3 372	-4 106	0	0.11	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-3 088	-3 527	0	0.10	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	-2 465	21 886	0	0.55	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-3 088	21 045	0	0.53	2.36	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	-3 140	56 973	0	1.43	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-3 088	55 475	0	1.39	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 35-36				FRC=0.01 cm				AA= PCA					
0%	FRQ	-700	64 249	0	1.60	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-655	62 339	0	1.55	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	-831	23 028	0	0.58	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-655	22 148	0	0.55	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	6	-8 006	0	0.20	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-655	-7 443	0	0.19	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	-700	-27 022	0	0.68	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-655	-26 218	0	0.66	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	-700	-35 048	0	0.88	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-655	-33 971	0	0.85	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	-700	-31 499	0	0.79	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-655	-30 484	0	0.76	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	-700	-16 157	0	0.40	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-655	-15 548	0	0.39	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	5	11 877	0	0.30	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-655	11 051	0	0.28	2.36	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	-700	50 663	0	1.26	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-655	49 387	0	1.23	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 36-39				FRC=0.01 cm				AA= PCA					
0%	FRQ	-5 557	52 331	0	1.32	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 515	51 104	0	1.29	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	-5 522	25 228	0	0.65	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 515	24 351	0	0.62	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	-5 522	5 060	0	0.13	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 515	4 473	0	0.12	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	-4 746	-9 033	0	0.24	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 515	-8 739	0	0.24	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	-5 557	-15 668	0	0.41	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 515	-15 502	0	0.40	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	-5 557	-16 314	0	0.42	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 515	-16 019	0	0.42	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	-5 522	-11 085	0	0.29	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 515	-10 512	0	0.28	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	-4 747	1 644	0	0.06	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 515	813	0	0.04	2.36	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	-4 747	18 857	0	0.48	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 515	17 744	0	0.46	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 39-40				FRC=0.00 cm				AA= PCA					
0%	FRQ	-4 946	29 610	0	0.75	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 098	28 472	0	0.73	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	-4 946	9 259	0	0.25	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 098	8 411	0	0.23	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	-4 402	-5 361	0	0.15	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 098	-4 773	0	0.14	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	-4 402	-11 572	0	0.30	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 098	-11 289	0	0.30	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	-5 339	-11 512	0	0.29	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 098	-11 362	0	0.29	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	-4 946	-5 500	0	0.15	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 098	-5 188	0	0.15	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	-4 403	7 645	0	0.20	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 098	7 013	0	0.19	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	-5 089	25 903	0	0.66	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 098	25 032	0	0.64	2.36	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	-5 089	49 897	0	1.26	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 098	48 655	0	1.23	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 40-41				FRC=0.03 cm				AA= PCA					
0%	FRQ	-14 808	78 801	0	2.01	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-14 849	77 092	0	1.97	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	-14 702	27 407	0	0.73	2.36	0 E-01	0	0	0.000	0.400	-	SI

Travi - verifica allo stato limite di fessurazione

%L _{LI}	Id _{Cmb}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	σ _{ct,f}	σ _t	ε _{sm}	A _e	Δ _{sm}	W _d	W _{amm}	CS	Verificat o
[%]		[N]	[N-m]	[N-m]	[N/mm ²]	[N/mm ²]		[cm ²]	[mm]	[mm]	[mm]		
25.0%	QPR	-14 849	26 686	0	0.71	2.36	0 E-01	0	0	0.000	0.300	-	SI
	FRQ	-14 808	-11 831	0	0.34	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-14 849	-11 378	0	0.33	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	-14 808	-37 806	0	0.99	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-14 849	-36 715	0	0.96	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	-14 808	-50 356	0	1.30	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-14 849	-48 949	0	1.27	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	-14 808	-49 085	0	1.27	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-14 849	-47 703	0	1.24	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	-14 808	-33 587	0	0.88	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-14 849	-32 591	0	0.86	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	-14 702	-4 027	0	0.15	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-14 849	-3 237	0	0.13	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	-14 712	41 689	0	1.09	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-14 849	40 740	0	1.06	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano terra								Travata: Trave 37-38					
Trave: Trave 37-38				FRC=0.10 cm				AA= PCA					
0%	FRQ	-28 795	66 996	0	3.09	2.36	5.2581 E-04	998	403	0.212	0.400	1.89	SI
	QPR	-29 152	64 782	0	2.99	2.36	5.0991 E-04	998	403	0.206	0.300	1.46	SI
12.5%	FRQ	-28 795	18 467	0	0.92	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-29 152	17 926	0	0.89	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	-28 795	-16 998	0	0.86	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-29 152	-16 298	0	0.83	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	-28 795	-38 760	0	1.87	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-29 152	-37 282	0	1.80	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	-28 795	-46 153	0	2.21	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-29 152	-44 393	0	2.13	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	-28 795	-38 535	0	1.86	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-29 152	-37 019	0	1.79	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	-28 795	-15 246	0	0.79	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-29 152	-14 534	0	0.75	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	-28 795	24 362	0	1.18	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-29 152	23 679	0	1.15	2.36	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	-28 795	78 630	0	3.61	2.36	6.1162 E-04	998	403	0.247	0.400	1.62	SI
	QPR	-29 152	76 042	0	3.49	2.36	5.9284 E-04	998	403	0.239	0.300	1.26	SI
Piano terra								Travata: Trave 1-9-18-26-33					
Trave: Trave 1-9				FRC=0.01 cm				AA= PCA					
0%	FRQ	-6 064	30 321	0	0.77	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-6 075	28 908	0	0.74	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	-5 373	-4 364	0	0.13	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-6 075	-3 438	0	0.11	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	-6 124	-25 798	0	0.66	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-6 075	-25 075	0	0.64	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	-6 124	-37 108	0	0.94	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-6 075	-36 005	0	0.92	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	-6 124	-37 366	0	0.95	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-6 075	-36 221	0	0.92	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	-6 124	-26 578	0	0.68	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-6 075	-25 731	0	0.66	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	-6 064	-5 066	0	0.15	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-6 075	-4 528	0	0.13	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	-6 124	28 144	0	0.72	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-6 075	27 381	0	0.70	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	-6 124	72 048	0	1.81	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-6 075	69 973	0	1.76	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 9-18				FRC=0.01 cm				AA= PCA					
0%	FRQ	-5 595	65 757	0	1.66	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 537	63 791	0	1.61	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	-5 028	24 139	0	0.62	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 537	23 275	0	0.60	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	-5 210	-6 291	0	0.17	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 537	-5 789	0	0.16	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	-5 595	-24 151	0	0.62	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 537	-23 372	0	0.60	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	-5 595	-30 448	0	0.74	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 537	-29 480	0	0.72	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	-5 595	-24 902	0	0.64	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 537	-24 107	0	0.62	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	-5 028	-7 864	0	0.21	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 537	-7 258	0	0.20	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	-5 191	21 840	0	0.56	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 537	21 072	0	0.54	2.36	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	-5 595	62 753	0	1.58	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 537	60 849	0	1.53	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 18-26				FRC=0.01 cm				AA= PCA					
0%	FRQ	-6 777	68 998	0	1.74	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-6 712	67 033	0	1.69	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	-5 828	26 282	0	0.67	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-6 712	25 464	0	0.66	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	-6 711	-5 672	0	0.16	2.36	0 E-01	0	0	0.000	0.400	-	SI

Travi - verifica allo stato limite di fessurazione

%L _{LT}	IdCmb	N _{Ed}	M _{Ed,3}	M _{Ed,2}	σ _{ct,f}	σ _t	ε _{sm}	A _e	Δ _{sm}	W _d	W _{amm}	CS	Verificat o
[%]		[N]	[N-m]	[N-m]	[N/mm ²]	[N/mm ²]		[cm ²]	[mm]	[mm]	[mm]		
37.5%	QPR	-6 712	-5 173	0	0.15	2.36	0 E-01	0	0	0.000	0.300	-	SI
	FRQ	-6 777	-25 672	0	0.66	2.36	0 E-01	0	0	0.000	0.400	-	SI
50.0%	QPR	-6 712	-24 845	0	0.64	2.36	0 E-01	0	0	0.000	0.300	-	SI
	FRQ	-6 777	-34 623	0	0.88	2.36	0 E-01	0	0	0.000	0.400	-	SI
62.5%	QPR	-6 712	-33 558	0	0.86	2.36	0 E-01	0	0	0.000	0.300	-	SI
	FRQ	-6 777	-32 262	0	0.83	2.36	0 E-01	0	0	0.000	0.400	-	SI
75.0%	QPR	-6 712	-31 306	0	0.80	2.36	0 E-01	0	0	0.000	0.300	-	SI
	FRQ	-6 777	-18 592	0	0.48	2.36	0 E-01	0	0	0.000	0.400	-	SI
87.5%	QPR	-6 712	-18 091	0	0.47	2.36	0 E-01	0	0	0.000	0.300	-	SI
	FRQ	-6 693	6 874	0	0.19	2.36	0 E-01	0	0	0.000	0.400	-	SI
100%	QPR	-6 712	6 086	0	0.17	2.36	0 E-01	0	0	0.000	0.300	-	SI
	FRQ	-6 777	42 676	0	1.08	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-6 712	41 226	0	1.05	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 26-33				FRC=0.00 cm				AA= PCA					
0%	FRQ	-520	26 254	0	0.66	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-508	25 526	0	0.64	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	-520	24 184	0	0.60	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-508	23 494	0	0.59	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	-520	22 228	0	0.56	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-508	21 576	0	0.54	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	-520	20 393	0	0.51	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-508	19 778	0	0.49	2.36	0 E-01	0	0	0.000	0.300	-	SI
49.9%	FRQ	-520	18 676	0	0.47	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-508	18 097	0	0.45	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.4%	FRQ	-520	17 075	0	0.43	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-508	16 532	0	0.41	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.1%	FRQ	-520	15 593	0	0.39	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-508	15 084	0	0.38	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	-990	14 218	0	0.36	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-508	13 755	0	0.34	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	-990	13 132	0	0.33	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-508	12 543	0	0.31	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano terra								Travata: Trave 2-10-19-27-34					
Trave: Trave 2-10				FRC=0.02 cm				AA= PCA					
0%	FRQ	-26 846	51 514	0	2.39	2.36	4.0954 E-04	998	403	0.165	0.400	2.42	SI
	QPR	-27 423	48 880	0	2.27	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	-27 494	12 888	0	0.66	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-27 423	12 060	0	0.63	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	-26 031	-13 680	0	0.71	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-27 423	-13 113	0	0.68	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	-26 846	-27 822	0	1.36	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-27 423	-26 645	0	1.31	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	-26 846	-29 871	0	1.46	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-27 423	-28 534	0	1.40	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	-26 846	-19 720	0	0.99	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-27 423	-18 777	0	0.95	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	-29 189	2 616	0	0.21	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-27 423	2 620	0	0.20	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	-26 846	37 172	0	1.75	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-27 423	35 663	0	1.68	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	-26 846	83 372	0	3.81	2.36	6.4434 E-04	998	403	0.260	0.400	1.54	SI
	QPR	-27 423	79 832	0	3.66	2.36	6.1879 E-04	998	403	0.249	0.300	1.20	SI
Trave: Trave 10-19				FRC=0.06 cm				AA= PCA					
0%	FRQ	-23 519	92 414	0	4.21	2.36	7.2043 E-04	998	403	0.290	0.400	1.38	SI
	QPR	-24 317	88 323	0	4.03	2.36	6.7793 E-04	998	403	0.273	0.300	1.10	SI
12.5%	FRQ	-23 519	28 693	0	1.36	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-24 317	27 492	0	1.31	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	-23 519	-17 219	0	0.86	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-24 317	-16 336	0	0.82	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	-23 519	-44 777	0	2.13	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-24 317	-42 645	0	2.04	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	-23 519	-53 980	0	2.47	2.36	5.2853 E-04	998	463	0.245	0.400	1.63	SI
	QPR	-24 317	-51 434	0	2.36	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	-23 519	-44 823	0	2.13	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-24 317	-42 698	0	2.04	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	-23 519	-17 315	0	0.85	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-24 317	-16 445	0	0.82	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	-23 519	28 547	0	1.32	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-24 317	27 326	0	1.27	2.36	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	-23 519	92 219	0	4.09	2.36	5.9925 E-04	998	363	0.218	0.400	1.84	SI
	QPR	-24 317	88 101	0	3.92	2.36	5.674 E-04	998	363	0.206	0.300	1.46	SI
Trave: Trave 19-27				FRC=0.02 cm				AA= PCA					
0%	FRQ	-25 227	85 274	0	3.80	2.36	5.5069 E-04	998	363	0.200	0.400	2.00	SI
	QPR	-25 809	81 707	0	3.64	2.36	5.2922 E-04	998	363	0.192	0.300	1.56	SI

Travi - verifica allo stato limite di fessurazione

%L _{LI}	Id _{Cmb}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	σ _{ct,f}	σ _t	ε _{sm}	A _e	Δ _{sm}	W _d	W _{amm}	CS	Verificat o
[%]		[N]	[N-m]	[N-m]	[N/mm ²]	[N/mm ²]		[cm ²]	[mm]	[mm]	[mm]		
12.5%	FRQ	-25 227	37 823	0	1.73	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-25 809	36 322	0	1.66	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	-27 390	2 443	0	0.19	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-25 809	2 374	0	0.18	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	-25 227	-20 594	0	1.03	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-25 809	-19 617	0	0.98	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	-25 227	-31 009	0	1.36	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-25 809	-29 648	0	1.31	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	-25 227	-28 903	0	1.41	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-25 809	-27 727	0	1.36	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	-24 890	-14 462	0	0.73	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-25 809	-13 849	0	0.71	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	-25 227	12 886	0	0.63	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-25 809	11 982	0	0.60	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	-25 227	52 569	0	2.35	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-25 809	49 771	0	2.23	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 27-34				FRC=0.00 cm				AA= PCA					
0%	FRQ	4 057	16 101	0	0.68	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	1 232	14 255	0	0.61	2.36	0 E-01	0	0	0.000	0.300	-	SI
	FRQ	4 057	11 080	0	0.47	2.36	0 E-01	0	0	0.000	0.400	-	SI
12.5%	QPR	1 232	9 655	0	0.41	2.36	0 E-01	0	0	0.000	0.300	-	SI
	FRQ	4 057	6 650	0	0.28	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	1 232	5 647	0	0.24	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	4 057	2 817	0	0.11	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	1 232	2 235	0	0.10	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	-178	-737	0	0.03	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	1 232	-581	0	0.02	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	4 057	-3 065	0	0.13	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	1 232	-2 804	0	0.12	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	4 057	-5 118	0	0.22	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	1 232	-4 435	0	0.20	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	4 057	-6 575	0	0.29	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	1 232	-5 471	0	0.25	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	4 057	-7 437	0	0.33	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	1 232	-5 912	0	0.27	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano terra								Travata: Trave 3-11-20-28-35					
Trave: Trave 3-11				FRC=0.02 cm				AA= PCA					
0%	FRQ	-24 109	50 200	0	2.32	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-24 694	47 649	0	2.21	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	-24 566	12 336	0	0.63	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-24 694	11 419	0	0.59	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	-23 426	-13 925	0	0.71	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-24 694	-13 274	0	0.68	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	-24 109	-27 600	0	1.34	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-24 694	-26 429	0	1.29	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	-24 109	-29 362	0	1.43	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-24 694	-28 048	0	1.37	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	-24 109	-19 034	0	0.95	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-24 694	-18 128	0	0.91	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	-26 636	3 320	0	0.23	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-24 694	3 326	0	0.22	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	-24 109	37 875	0	1.73	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-24 694	36 320	0	1.66	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	-24 109	83 917	0	3.73	2.36	5.414 E-04	998	363	0.197	0.400	2.03	SI
	QPR	-24 694	80 335	0	3.58	2.36	5.1975 E-04	998	363	0.189	0.300	1.59	SI
Trave: Trave 11-20				FRC=0.06 cm				AA= PCA					
0%	FRQ	-19 653	91 532	0	4.05	2.36	5.8623 E-04	998	363	0.213	0.400	1.88	SI
	QPR	-20 466	87 508	0	3.88	2.36	5.6013 E-04	998	363	0.203	0.300	1.47	SI
12.5%	FRQ	-19 653	28 294	0	1.29	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-20 466	27 131	0	1.25	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	-19 653	-17 300	0	0.84	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-20 466	-16 400	0	0.80	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	-19 653	-44 705	0	2.12	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-20 466	-42 569	0	2.02	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	-19 653	-53 925	0	2.45	2.36	5.2252 E-04	998	463	0.242	0.400	1.65	SI
	QPR	-20 466	-51 380	0	2.34	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	-19 653	-44 955	0	2.13	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-20 466	-42 827	0	2.03	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	-19 653	-17 801	0	0.86	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-20 466	-16 917	0	0.83	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	-19 653	27 540	0	1.26	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-20 466	26 354	0	1.21	2.36	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	-19 653	90 525	0	4.01	2.36	5.7805 E-04	998	363	0.210	0.400	1.91	SI
	QPR	-20 466	86 470	0	3.83	2.36	5.5386 E-04	998	363	0.201	0.300	1.49	SI
Trave: Trave 20-28				FRC=0.02 cm				AA= PCA					
0%	FRQ	-22 143	85 321	0	3.79	2.36	5.4822 E-04	998	363	0.199	0.400	2.01	SI

Travi - verifica allo stato limite di fessurazione

%L _{LI}	Id _{Cmb}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	σ _{ct,f}	σ _t	ε _{sm}	A _e	Δ _{sm}	W _d	W _{amm}	CS	Verificat o
[%]		[N]	[N-m]	[N-m]	[N/mm ²]	[N/mm ²]		[cm ²]	[mm]	[mm]	[mm]		
12.5%	QPR	-22 707	81 729	0	3.63	2.36	5.2647 E-04	998	363	0.191	0.300	1.57	SI
	FRQ	-22 143	38 213	0	1.74	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-22 707	36 674	0	1.67	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	-24 362	3 033	0	0.21	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-22 707	2 953	0	0.20	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	-22 143	-19 852	0	0.98	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-22 707	-18 921	0	0.94	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	-22 143	-30 263	0	1.32	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-22 707	-28 944	0	1.27	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	-22 143	-28 269	0	1.37	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-22 707	-27 125	0	1.32	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	-21 552	-14 195	0	0.71	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-22 707	-13 458	0	0.68	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	-22 143	12 951	0	0.65	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-22 707	12 053	0	0.61	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	-22 143	52 176	0	2.40	2.36	4.0921 E-04	998	403	0.165	0.400	2.42	SI
	QPR	-22 707	49 411	0	2.28	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 28-35				FRC=0.00 cm				AA= PCA					
0%	FRQ	-3 441	19 474	0	0.88	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-6 363	17 722	0	0.81	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	-3 441	11 002	0	0.50	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-6 363	9 669	0	0.45	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	-3 441	4 184	0	0.20	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-6 363	3 270	0	0.17	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	-7 864	-1 908	0	0.11	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-6 363	-1 474	0	0.09	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	-7 864	-4 648	0	0.24	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-6 363	-4 568	0	0.23	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	-6 389	-6 164	0	0.30	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-6 363	-6 006	0	0.30	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	-3 441	-6 557	0	0.31	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-6 363	-5 793	0	0.29	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	-3 441	-5 112	0	0.25	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-6 363	-3 929	0	0.20	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	-3 441	-2 014	0	0.10	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-6 363	-411	0	0.04	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano terra				Travata: Trave 4-12-21-29-36				AA= PCA					
Trave: Trave 4-12				FRC=0.02 cm				AA= PCA					
0%	FRQ	-18 534	50 622	0	2.32	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-19 086	48 029	0	2.21	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	-18 865	12 258	0	0.61	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-19 086	11 243	0	0.56	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	-17 798	-14 589	0	0.72	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-19 086	-13 846	0	0.69	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	-18 534	-28 440	0	1.36	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-19 086	-27 238	0	1.31	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	-18 534	-30 284	0	1.45	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-19 086	-28 932	0	1.39	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	-18 534	-19 873	0	0.97	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-19 086	-18 929	0	0.93	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	-17 798	2 993	0	0.19	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-19 086	2 768	0	0.18	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	-18 534	37 709	0	1.70	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-19 086	36 165	0	1.64	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	-18 534	84 332	0	3.73	2.36	5.3883 E-04	998	363	0.196	0.400	2.04	SI
	QPR	-19 086	80 737	0	3.58	2.36	5.17 E-04	998	363	0.188	0.300	1.60	SI
Trave: Trave 12-21				FRC=0.06 cm				AA= PCA					
0%	FRQ	-14 124	93 555	0	4.12	2.36	5.9884 E-04	998	363	0.217	0.400	1.84	SI
	QPR	-14 861	89 432	0	3.94	2.36	5.6702 E-04	998	363	0.206	0.300	1.46	SI
12.5%	FRQ	-14 124	29 326	0	1.32	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-14 861	28 112	0	1.27	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	-14 124	-17 008	0	0.81	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-14 861	-16 125	0	0.77	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	-14 124	-44 908	0	2.11	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-14 861	-42 766	0	2.01	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	-14 124	-54 364	0	2.46	2.36	5.1877 E-04	998	463	0.240	0.400	1.67	SI
	QPR	-14 861	-51 802	0	2.35	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	-14 124	-45 384	0	2.13	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-14 861	-43 240	0	2.03	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	-14 124	-17 962	0	0.85	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-14 861	-17 076	0	0.82	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	-14 124	27 897	0	1.26	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-14 861	26 686	0	1.21	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	-14 124	91 648	0	4.04	2.36	5.7993 E-04	998	363	0.211	0.400	1.90	SI
	QPR	-14 861	87 529	0	3.86	2.36	5.5518 E-04	998	363	0.202	0.300	1.49	SI
Trave: Trave 21-29				FRC=0.02 cm				AA= PCA					

Travi - verifica allo stato limite di fessurazione

%L _{LI}	IdCmb	N _{Ed}	M _{Ed,3}	M _{Ed,2}	σ _{ct,f}	σ _t	ε _{sm}	A _e	Δ _{sm}	W _d	W _{amm}	CS	Verificat o
[%]		[N]	[N-m]	[N-m]	[N/mm ²]	[N/mm ²]		[cm ²]	[mm]	[mm]	[mm]		
0%	FRQ	-15 643	84 729	0	3.74	2.36	5.3876 E-04	998	363	0.196	0.400	2.04	SI
	QPR	-16 117	81 168	0	3.59	2.36	5.1701 E-04	998	363	0.188	0.300	1.60	SI
12.5%	FRQ	-15 643	37 524	0	1.68	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-16 117	36 020	0	1.62	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	-15 271	2 630	0	0.16	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-16 117	2 362	0	0.15	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	-15 643	-20 236	0	0.98	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-16 117	-19 287	0	0.94	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	-15 643	-30 233	0	1.44	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-16 117	-28 916	0	1.38	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	-15 643	-27 652	0	1.32	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-16 117	-26 540	0	1.27	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	-15 143	-12 976	0	0.64	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-16 117	-12 154	0	0.60	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	-15 643	15 255	0	0.73	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-16 117	14 240	0	0.69	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	-15 643	55 584	0	2.53	2.36	4.2704 E-04	998	403	0.172	0.400	2.32	SI
	QPR	-16 117	52 647	0	2.40	2.36	4.0599 E-04	998	403	0.164	0.300	1.83	SI
Trave: Trave 29-36				FRC=0.03 cm				AA= PCA					
0%	FRQ	-16 690	65 032	0	2.96	2.36	4.9793 E-04	998	403	0.201	0.400	1.99	SI
	QPR	-16 917	62 331	0	2.84	2.36	4.7813 E-04	998	403	0.193	0.300	1.56	SI
12.5%	FRQ	-16 690	25 781	0	1.21	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-16 917	24 764	0	1.16	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	-18 499	-3 750	0	0.23	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-16 917	-3 051	0	0.19	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	-16 690	-22 136	0	1.07	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-16 917	-21 106	0	1.02	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	-16 690	-30 798	0	1.47	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-16 917	-29 407	0	1.40	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	-16 690	-29 263	0	1.40	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-16 917	-27 952	0	1.34	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	-16 690	-17 530	0	0.86	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-16 917	-16 739	0	0.82	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	-18 499	5 168	0	0.30	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-16 917	4 227	0	0.25	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	-16 690	36 523	0	1.73	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-16 917	34 950	0	1.66	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano terra								Travata: Trave 5-13-22-30-39					
Trave: Trave 5-13				FRC=0.02 cm				AA= PCA					
0%	FRQ	-11 072	49 849	0	1.28	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-11 077	47 487	0	1.22	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	-9 625	-2 932	0	0.10	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-11 077	-996	0	0.06	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	-11 072	-35 276	0	0.91	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-11 077	-33 786	0	0.88	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	-11 072	-53 205	0	1.36	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-11 077	-50 882	0	1.30	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	-11 072	-54 712	0	1.40	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-11 077	-52 284	0	1.34	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	-11 072	-39 791	0	1.03	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-11 077	-37 986	0	0.98	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	-11 072	-8 452	0	0.25	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-11 077	-7 997	0	0.23	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	-11 072	39 308	0	1.01	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-11 077	37 684	0	0.97	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	-11 072	102 945	0	2.60	2.36	5.0772 E-04	570	335	0.170	0.400	2.35	SI
	QPR	-11 077	98 542	0	2.49	2.36	4.8578 E-04	570	335	0.163	0.300	1.85	SI
Trave: Trave 13-22				FRC=0.02 cm				AA= PCA					
0%	FRQ	-11 674	100 145	0	2.53	2.36	4.9433 E-04	570	335	0.165	0.400	2.42	SI
	QPR	-11 699	95 750	0	2.42	2.36	4.7325 E-04	570	335	0.158	0.300	1.89	SI
12.5%	FRQ	-11 674	35 750	0	0.93	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-11 699	34 223	0	0.89	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	-11 674	-10 828	0	0.31	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-11 699	-10 274	0	0.29	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	-11 674	-39 041	0	1.01	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-11 699	-37 220	0	0.96	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	-11 674	-48 889	0	1.20	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-11 699	-46 615	0	1.14	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	-11 674	-40 373	0	1.04	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-11 699	-38 459	0	1.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	-11 674	-13 490	0	0.37	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-11 699	-12 752	0	0.36	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	-11 674	31 755	0	0.83	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-11 699	30 504	0	0.80	2.36	0 E-01	0	0	0.000	0.300	-	SI

Travi - verifica allo stato limite di fessurazione

%L _{LT}	Id _{Cmb}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	σ _{ct,f}	σ _t	ε _{sm}	A _e	Δ _{sm}	W _d	W _{amm}	CS	Verificat o
[%]		[N]	[N-m]	[N-m]	[N/mm ²]	[N/mm ²]		[cm ²]	[mm]	[mm]	[mm]		
100.0%	FRQ	-11 674	94 815	0	2.40	2.36	4.6877 E-04	570	335	0.157	0.400	2.55	SI
	QPR	-11 699	90 788	0	2.30	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 22-30				FRC=0.01 cm				AA= PCA					
0%	FRQ	-11 825	94 209	0	2.38	2.36	4.6605 E-04	570	335	0.156	0.400	2.57	SI
	QPR	-11 865	90 301	0	2.29	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	-11 825	33 485	0	0.87	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-11 865	32 174	0	0.84	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	-12 002	-9 442	0	0.27	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-11 865	-8 921	0	0.26	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	-11 825	-33 965	0	0.88	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-11 865	-32 469	0	0.85	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	-11 825	-40 141	0	1.04	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-11 865	-38 462	0	1.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	-11 825	-27 953	0	0.73	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-11 865	-26 906	0	0.71	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	-12 002	2 674	0	0.10	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-11 865	2 201	0	0.08	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	-11 825	51 516	0	1.28	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-11 865	48 858	0	1.21	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	-11 825	118 793	0	2.90	2.36	5.0695 E-04	570	300	0.152	0.400	2.63	SI
	QPR	-11 865	113 061	0	2.76	2.36	4.7014 E-04	570	300	0.141	0.300	2.13	SI
Trave: Trave 30-39				FRC=0.06 cm				AA= PCA					
0%	FRQ	-20 925	152 764	0	3.75	2.36	7.4099 E-04	570	300	0.223	0.400	1.80	SI
	QPR	-21 016	146 062	0	3.59	2.36	6.9805 E-04	570	300	0.210	0.300	1.43	SI
12.5%	FRQ	-20 925	48 272	0	1.23	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-21 016	46 226	0	1.18	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	-20 925	-28 424	0	0.77	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-21 016	-27 046	0	0.73	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	-20 925	-77 320	0	1.99	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-21 016	-73 751	0	1.90	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	-20 925	-98 420	0	2.52	2.36	4.9831 E-04	570	335	0.167	0.400	2.40	SI
	QPR	-21 016	-93 891	0	2.41	2.36	4.7679 E-04	570	335	0.160	0.300	1.88	SI
62.5%	FRQ	-20 925	-91 724	0	2.35	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-21 016	-87 468	0	2.25	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	-20 925	-57 228	0	1.49	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-21 016	-54 478	0	1.42	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	-21 698	6 258	0	0.23	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-21 016	4 857	0	0.19	2.36	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	-20 925	90 433	0	2.32	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-21 016	86 707	0	2.23	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano terra				FRC=0.02 cm				Travata: Trave 6-14-1b-23-31-37-40					
Trave: Trave 6-14				FRC=0.02 cm				AA= PCA					
0%	FRQ	-31 337	57 332	0	1.48	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-30 556	55 384	0	1.43	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	-31 337	8 604	0	0.31	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-30 556	7 100	0	0.27	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	-30 382	-27 909	0	0.78	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-30 556	-26 208	0	0.74	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	-30 382	-47 066	0	1.27	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-30 556	-44 529	0	1.21	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	-30 382	-50 549	0	1.36	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-30 556	-47 872	0	1.29	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	-30 382	-38 352	0	1.05	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-30 556	-36 230	0	1.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	-30 382	-10 485	0	0.35	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-30 556	-9 613	0	0.33	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	-28 538	33 373	0	0.87	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-30 556	31 989	0	0.84	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	-30 382	92 222	0	2.25	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-30 556	88 513	0	2.16	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 14-1b				FRC=0.01 cm				AA= PCA					
0%	FRQ	-31 743	96 461	0	2.35	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-30 731	93 248	0	2.27	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	-30 842	50 617	0	1.28	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-30 731	48 827	0	1.24	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	-31 030	13 380	0	0.41	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-30 731	12 290	0	0.38	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	-31 743	-18 873	0	0.56	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-30 731	-16 285	0	0.49	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	-31 743	-40 414	0	1.11	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-30 731	-36 904	0	1.02	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	-31 743	-53 503	0	1.43	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-30 731	-49 575	0	1.33	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	-31 743	-58 145	0	1.55	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-30 731	-54 305	0	1.45	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	-31 743	-54 352	0	1.46	2.36	0 E-01	0	0	0.000	0.400	-	SI

%L _{LT}	Id _{Cmb}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	σ _{ct,f}	σ _t	ε _{sm}	A _e	Δ _{sm}	W _d	W _{amm}	CS	Verificat o
[%]		[N]	[N-m]	[N-m]	[N/mm ²]	[N/mm ²]		[cm ²]	[mm]	[mm]	[mm]		
100.0%	QPR	-30 731	-51 101	0	1.37	2.36	0 E-01	0	0	0.000	0.300	-	SI
	FRQ	-31 743	-42 719	0	1.17	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-30 731	-40 507	0	1.11	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 1b-23				FRC=0.00 cm				AA= PCA					
0%	FRQ	-31 743	-42 720	0	1.17	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-30 731	-40 508	0	1.11	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	-31 743	-26 796	0	0.77	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-30 731	-25 721	0	0.74	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	-31 030	-9 931	0	0.35	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-30 731	-9 308	0	0.33	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	-31 743	9 929	0	0.35	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-30 731	8 730	0	0.32	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	-31 743	30 730	0	0.82	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-30 731	28 394	0	0.76	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	-31 743	53 158	0	1.34	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-30 731	49 684	0	1.26	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	-31 743	77 212	0	1.90	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-30 731	72 602	0	1.79	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	-31 743	102 890	0	2.50	2.36	3.6372 E-04	570	277	0.101	0.400	3.96	SI
	QPR	-30 731	97 142	0	2.36	2.36	3.4061 E-04	570	277	0.094	0.300	3.17	SI
100.0%	FRQ	-31 743	130 169	0	3.14	2.36	5.1068 E-04	570	277	0.142	0.400	2.82	SI
	QPR	-30 731	123 284	0	2.97	2.36	4.7216 E-04	570	277	0.131	0.300	2.29	SI
Trave: Trave 23-31				FRC=0.02 cm				AA= PCA					
0%	FRQ	-5 822	126 703	0	3.17	2.36	6.8527 E-04	570	335	0.229	0.400	1.74	SI
	QPR	-5 879	120 236	0	3.01	2.36	6.3374 E-04	570	335	0.212	0.300	1.41	SI
12.5%	FRQ	-5 822	41 017	0	1.04	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 879	39 298	0	1.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	-5 822	-19 947	0	0.52	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 879	-18 347	0	0.48	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	-5 822	-56 349	0	1.42	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 879	-52 840	0	1.33	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	-5 822	-68 430	0	1.52	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 879	-64 402	0	1.43	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	-5 822	-56 430	0	1.42	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 879	-53 248	0	1.34	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	-5 822	-20 595	0	0.53	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 879	-19 604	0	0.51	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	-5 822	38 836	0	0.99	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 879	36 314	0	0.92	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	-5 822	121 617	0	3.05	2.36	6.4505 E-04	570	335	0.216	0.400	1.85	SI
	QPR	-5 879	114 283	0	2.86	2.36	5.8674 E-04	570	335	0.196	0.300	1.53	SI
Trave: Trave 31-37				FRC=0.03 cm				AA= PCA					
0%	FRQ	-12 411	132 095	0	3.33	2.36	7.427 E-04	570	335	0.248	0.400	1.61	SI
	QPR	-12 390	124 912	0	3.15	2.36	6.8565 E-04	570	335	0.229	0.300	1.31	SI
12.5%	FRQ	-12 411	44 784	0	1.16	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-12 390	42 324	0	1.09	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	-12 411	-18 817	0	0.51	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-12 390	-17 847	0	0.48	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	-12 411	-58 965	0	1.51	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-12 390	-55 837	0	1.43	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	-12 411	-75 927	0	1.84	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-12 390	-71 886	0	1.75	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	-12 411	-69 952	0	1.78	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-12 390	-66 222	0	1.69	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	-12 411	-41 310	0	1.07	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-12 390	-39 087	0	1.01	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	-12 115	9 848	0	0.28	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-12 390	9 288	0	0.27	2.36	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	-12 411	82 558	0	2.10	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-12 390	78 301	0	1.99	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 37-40				FRC=0.00 cm				AA= PCA					
0%	FRQ	-6 097	55 690	0	1.41	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-6 010	52 834	0	1.34	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	-6 097	45 090	0	1.14	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-6 010	42 466	0	1.08	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	-6 097	36 279	0	0.92	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-6 010	33 885	0	0.86	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	-6 097	29 276	0	0.75	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-6 010	27 113	0	0.69	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	-6 097	24 053	0	0.62	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-6 010	22 122	0	0.57	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	-6 097	20 413	0	0.53	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-6 010	18 714	0	0.49	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	-6 097	18 096	0	0.47	2.36	0 E-01	0	0	0.000	0.400	-	SI

%L _{LT}	Id _{Cmb}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	σ _{ct,f}	σ _t	ε _{sm}	A _e	Δ _{sm}	W _d	W _{amm}	CS	Verificat o
[%]		[N]	[N-m]	[N-m]	[N/mm ²]	[N/mm ²]		[cm ²]	[mm]	[mm]	[mm]		
87.5%	QPR	-6 010	16 628	0	0.43	2.36	0 E-01	0	0	0.000	0.300	-	SI
	FRQ	-6 254	16 918	0	0.44	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-6 010	15 599	0	0.41	2.36	0 E-01	0	0	0.000	0.300	-	SI
	FRQ	-6 254	16 966	0	0.44	2.36	0 E-01	0	0	0.000	0.400	-	SI
100%	QPR	-6 010	15 360	0	0.40	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano terra								Travata: Trave 7-15					
Trave: Trave 7-15				FRC=0.06 cm				AA= PCA					
0%	FRQ	24 159	73 174	0	3.11	2.36	4.3108 E-04	998	363	0.157	0.400	2.56	SI
	QPR	22 861	69 633	0	2.96	2.36	4.1033 E-04	998	363	0.149	0.300	2.01	SI
12.5%	FRQ	21 892	16 392	0	0.65	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	22 861	15 551	0	0.61	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	24 159	-24 266	0	1.02	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	22 861	-23 274	0	0.98	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	24 159	-49 007	0	2.17	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	22 861	-46 840	0	2.08	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	24 159	-57 766	0	2.57	2.36	4.9424 E-04	998	463	0.229	0.400	1.75	SI
	QPR	22 861	-55 152	0	2.46	2.36	4.7221 E-04	998	463	0.219	0.300	1.37	SI
62.5%	FRQ	24 159	-50 538	0	2.24	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	22 861	-48 206	0	2.14	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	24 159	-27 327	0	1.17	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	22 861	-26 005	0	1.11	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	24 837	12 530	0	0.48	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	22 861	11 453	0	0.44	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	24 159	66 993	0	2.92	2.36	4.673 E-04	998	403	0.188	0.400	2.12	SI
	QPR	22 861	64 114	0	2.79	2.36	4.4756 E-04	998	403	0.180	0.300	1.66	SI
Piano terra								Travata: Trave 8-16-17-25-32-38-41					
Trave: Trave 8-16				FRC=0.02 cm				AA= PCA					
0%	FRQ	-32 524	55 402	0	1.44	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-32 467	54 023	0	1.40	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	-32 524	9 941	0	0.34	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-32 467	8 879	0	0.32	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	-32 477	-23 989	0	0.69	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-32 467	-23 056	0	0.67	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	-32 477	-43 137	0	1.18	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-32 467	-41 788	0	1.15	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	-32 477	-48 727	0	1.32	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-32 467	-47 307	0	1.28	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	-32 477	-40 768	0	1.12	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-32 467	-39 619	0	1.09	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	-32 477	-19 258	0	0.58	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-32 467	-18 725	0	0.56	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	-31 761	16 152	0	0.49	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-32 467	15 378	0	0.47	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	-32 477	64 383	0	1.65	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-32 467	62 656	0	1.61	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 16-17				FRC=0.00 cm				AA= PCA					
0%	FRQ	-18 822	36 616	0	0.94	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-19 220	35 492	0	0.92	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	-18 822	20 196	0	0.55	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-19 220	19 300	0	0.53	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	-18 822	7 100	0	0.23	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-19 220	6 432	0	0.22	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	-19 646	-5 078	0	0.19	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-19 220	-3 059	0	0.14	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	-19 646	-11 517	0	0.33	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-19 220	-9 174	0	0.27	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	-19 646	-14 275	0	0.41	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-19 220	-11 914	0	0.35	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	-19 646	-13 361	0	0.39	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-19 220	-11 288	0	0.34	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	-19 646	-8 778	0	0.28	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-19 220	-7 296	0	0.24	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	-18 822	-641	0	0.08	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-19 220	59	0	0.06	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 17-25				FRC=0.00 cm				AA= PCA					
0%	FRQ	-18 580	-2 699	0	0.13	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-19 080	-2 277	0	0.12	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	-19 515	2 377	0	0.12	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-19 080	2 003	0	0.11	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	-19 515	8 180	0	0.26	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-19 080	7 293	0	0.24	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	-19 515	14 986	0	0.42	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-19 080	13 586	0	0.39	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	-19 515	22 802	0	0.61	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-19 080	20 890	0	0.56	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	-19 515	31 625	0	0.82	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-19 080	29 200	0	0.76	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	-19 515	41 453	0	1.06	2.36	0 E-01	0	0	0.000	0.400	-	SI

Travi - verifica allo stato limite di fessurazione

%L _{LT}	Id _{Cmb}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	σ _{ct,f}	σ _t	ε _{sm}	A _e	Δ _{sm}	W _d	W _{amm}	CS	Verificato
[%]		[N]	[N-m]	[N-m]	[N/mm ²]	[N/mm ²]		[cm ²]	[mm]	[mm]	[mm]		
87.5%	QPR	-19 080	38 517	0	0.99	2.36	0 E-01	0	0	0.000	0.300	-	SI
	FRQ	-19 515	52 290	0	1.32	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-19 080	48 840	0	1.24	2.36	0 E-01	0	0	0.000	0.300	-	SI
	FRQ	-19 515	64 137	0	1.61	2.36	0 E-01	0	0	0.000	0.400	-	SI
100%	QPR	-19 080	60 175	0	1.51	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 25-32				FRC=0.02 cm				AA= PCA					
0%	FRQ	-16 570	92 503	0	2.28	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-16 423	86 694	0	2.14	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	-16 570	24 926	0	0.65	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-16 423	23 724	0	0.62	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	-16 570	-22 848	0	0.59	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-16 423	-20 838	0	0.54	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	-16 570	-50 690	0	1.32	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-16 423	-46 877	0	1.22	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	-16 570	-58 846	0	1.34	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-16 423	-54 614	0	1.25	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	-16 570	-47 545	0	1.24	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-16 423	-44 259	0	1.16	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	-16 570	-17 027	0	0.47	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-16 423	-16 030	0	0.45	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	-16 570	32 475	0	0.84	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-16 423	29 863	0	0.77	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	-16 570	100 722	0	2.48	2.36	4.0551 E-04	570	300	0.122	0.400	3.28	SI
	QPR	-16 423	93 202	0	2.30	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 32-38				FRC=0.02 cm				AA= PCA					
0%	FRQ	-14 640	100 937	0	2.48	2.36	4.0429 E-04	570	300	0.121	0.400	3.29	SI
	QPR	-14 469	94 415	0	2.32	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	-14 640	36 078	0	0.92	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-14 469	33 917	0	0.86	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	-14 640	-10 763	0	0.31	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-14 469	-9 795	0	0.29	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	-14 640	-39 816	0	1.04	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-14 469	-36 929	0	0.97	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	-14 640	-51 320	0	1.26	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-14 469	-47 703	0	1.18	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	-14 640	-45 510	0	1.18	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-14 469	-42 330	0	1.10	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	-14 640	-22 626	0	0.60	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-14 469	-21 028	0	0.56	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	-14 640	17 097	0	0.46	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-14 469	15 989	0	0.43	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	-14 640	73 424	0	1.82	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-14 469	68 509	0	1.70	2.36	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 38-41				FRC=0.00 cm				AA= PCA					
0%	FRQ	-7 762	30 504	0	0.76	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-7 583	29 330	0	0.73	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	-7 762	17 534	0	0.45	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-7 583	16 447	0	0.42	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	-7 762	7 473	0	0.20	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-7 583	6 474	0	0.18	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	-7 643	-728	0	0.04	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-7 583	-503	0	0.04	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	-7 643	-4 638	0	0.14	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-7 583	-4 399	0	0.13	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	-7 649	-5 455	0	0.16	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-7 583	-5 129	0	0.15	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	-7 649	-3 172	0	0.10	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-7 583	-2 612	0	0.09	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	-7 353	4 179	0	0.13	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-7 583	3 235	0	0.10	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	-7 353	13 716	0	0.37	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-7 583	12 494	0	0.34	2.36	0 E-01	0	0	0.000	0.300	-	SI
Fondazione				FRC=0.07 cm				Travata: Trave 1-2-3-4-5-6-7-8					
Trave: Trave 1-2				FRC=0.07 cm				AA= PCA					
0%	FRQ	0	-14 983	0	0.53	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-14 694	0	0.52	2.13	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	615	0	0.02	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	536	0	0.02	2.13	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	9 144	0	0.32	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	8 976	0	0.31	2.13	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	14 680	0	0.51	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	14 435	0	0.51	2.13	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	14 854	0	0.52	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	14 618	0	0.51	2.13	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	11 866	0	0.42	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	11 671	0	0.41	2.13	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	3 310	0	0.12	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	3 242	0	0.11	2.13	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	-11 989	0	0.42	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-11 748	0	0.41	2.13	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	2 820	-32 260	0	1.12	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 796	-31 615	0	1.10	2.13	0 E-01	0	0	0.000	0.300	-	SI

%L _{LI}	Id _{Cmb}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	σ _{ct,f}	σ _t	ε _{sm}	A _e	Δ _{sm}	W _d	W _{amm}	CS	Verificat o
[%]		[N]	[N-m]	[N-m]	[N/mm ²]	[N/mm ²]		[cm ²]	[mm]	[mm]	[mm]		
Trave: Trave 2-3				FRC=0.07 cm				AA= PCA					
0%	FRQ	-2 789	-34 034	0	1.20	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-2 765	-33 401	0	1.18	2.13	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	-10 560	0	0.37	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-10 368	0	0.36	2.13	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	3 535	0	0.12	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	3 463	0	0.12	2.13	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	11 502	0	0.40	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	11 289	0	0.40	2.13	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	14 264	0	0.45	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	14 007	0	0.44	2.13	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	12 029	0	0.42	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	11 809	0	0.41	2.13	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	4 634	0	0.16	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	4 525	0	0.16	2.13	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	-8 669	0	0.30	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-8 499	0	0.30	2.13	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	0	-31 188	0	1.09	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-30 584	0	1.07	2.13	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 3-4				FRC=0.07 cm				AA= PCA					
0%	FRQ	0	-31 908	0	1.12	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-31 315	0	1.10	2.13	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	-11 454	0	0.40	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-11 233	0	0.39	2.13	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	3 899	0	0.14	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	3 816	0	0.13	2.13	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	11 548	0	0.41	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	11 331	0	0.40	2.13	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	14 705	0	0.52	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	14 440	0	0.51	2.13	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	12 044	0	0.42	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	11 820	0	0.41	2.13	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	3 623	0	0.13	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	3 532	0	0.12	2.13	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	-10 164	0	0.36	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-9 970	0	0.35	2.13	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	0	-33 833	0	1.19	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-33 179	0	1.16	2.13	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 4-5				FRC=-0.07 cm				AA= PCA					
0%	FRQ	0	-31 613	0	1.11	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-31 007	0	1.09	2.13	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	-10 970	0	0.38	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-10 770	0	0.38	2.13	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	4 200	0	0.15	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	4 120	0	0.14	2.13	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	12 177	0	0.43	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	11 951	0	0.42	2.13	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	14 900	0	0.52	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	14 631	0	0.51	2.13	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	12 719	0	0.45	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	12 486	0	0.44	2.13	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	5 249	0	0.18	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	5 154	0	0.18	2.13	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	-10 627	0	0.37	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-10 427	0	0.37	2.13	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	0	-33 749	0	1.18	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-33 099	0	1.16	2.13	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 5-6				FRC=-0.07 cm				AA= PCA					
0%	FRQ	0	-35 057	0	1.23	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-34 386	0	1.21	2.13	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	-9 321	0	0.33	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-9 131	0	0.32	2.13	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	5 306	0	0.19	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	5 209	0	0.18	2.13	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	13 694	0	0.48	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	13 466	0	0.47	2.13	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	15 768	0	0.53	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	15 502	0	0.52	2.13	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	13 141	0	0.46	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	12 913	0	0.45	2.13	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	4 123	0	0.14	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	4 026	0	0.14	2.13	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	-14 533	0	0.51	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-14 293	0	0.50	2.13	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	0	-41 517	0	1.46	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-40 901	0	1.43	2.13	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 6-7				FRC=-0.01 cm				AA= PCA					
0%	FRQ	0	-44 510	0	1.56	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-43 879	0	1.54	2.13	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	-15 226	0	0.53	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-14 972	0	0.53	2.13	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	2 490	0	0.09	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	2 401	0	0.08	2.13	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	12 143	0	0.43	2.13	0 E-01	0	0	0.000	0.400	-	SI

%L _{LT}	Id _{Cmb}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	σ _{ct,f}	σ _t	ε _{sm}	A _e	Δ _{sm}	W _d	W _{amm}	CS	Verificato
[%]		[N]	[N-m]	[N-m]	[N/mm ²]	[N/mm ²]		[cm ²]	[mm]	[mm]	[mm]		
50.0%	QPR	0	11 917	0	0.42	2.13	0 E-01	0	0	0.000	0.300	-	SI
	FRQ	0	15 879	0	0.50	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	15 618	0	0.49	2.13	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	13 227	0	0.46	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	13 003	0	0.46	2.13	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	6 928	0	0.24	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	6 812	0	0.24	2.13	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	-6 187	0	0.22	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-5 961	0	0.21	2.13	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	0	-27 935	0	0.98	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-27 203	0	0.95	2.13	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 7-8				FRC=0.09 cm				AA= PCA					
0%	FRQ	0	-29 284	0	1.03	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-28 498	0	1.00	2.13	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	-5 727	0	0.20	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-5 472	0	0.19	2.13	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	8 478	0	0.30	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	8 295	0	0.29	2.13	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	15 618	0	0.55	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	15 403	0	0.54	2.13	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	18 321	0	0.64	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	18 045	0	0.63	2.13	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	18 823	0	0.66	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	18 573	0	0.65	2.13	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	10 117	0	0.35	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	9 938	0	0.35	2.13	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	-4 136	0	0.15	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-3 979	0	0.14	2.13	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	33 537	-27 535	0	0.84	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	33 013	-26 966	0	0.82	2.13	0 E-01	0	0	0.000	0.300	-	SI
Fondazione				Travata: Trave 9-10-11-12-13-14-15-16									
Trave: Trave 9-10				FRC=-0.05 cm				AA= PCA					
0%	FRQ	15 447	-19 853	0	0.64	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	15 654	-19 639	0	0.63	2.13	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	-5 734	0	0.20	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-5 628	0	0.20	2.13	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	7 260	0	0.25	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	7 042	0	0.25	2.13	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	13 658	0	0.48	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	13 350	0	0.47	2.13	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	15 835	0	0.56	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	15 515	0	0.54	2.13	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	12 302	0	0.43	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	12 021	0	0.42	2.13	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	5 981	0	0.21	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	5 908	0	0.21	2.13	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	-4 925	0	0.17	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-4 619	0	0.16	2.13	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	-124	-24 088	0	0.85	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-123	-23 094	0	0.81	2.13	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 10-11				FRC=-0.05 cm				AA= PCA					
0%	FRQ	124	-26 154	0	0.92	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	123	-25 193	0	0.88	2.13	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	-7 299	0	0.26	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-7 031	0	0.25	2.13	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	3 242	0	0.11	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	3 134	0	0.11	2.13	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	9 172	0	0.32	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	8 864	0	0.31	2.13	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	10 910	0	0.34	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	10 546	0	0.33	2.13	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	9 303	0	0.33	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	8 986	0	0.32	2.13	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	3 933	0	0.14	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	3 798	0	0.13	2.13	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	-8 036	0	0.28	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-7 757	0	0.27	2.13	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	0	-24 903	0	0.87	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-24 007	0	0.84	2.13	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 11-12				FRC=-0.05 cm				AA= PCA					
0%	FRQ	0	-26 427	0	0.93	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-25 486	0	0.89	2.13	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	-7 338	0	0.26	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-7 086	0	0.25	2.13	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	2 963	0	0.10	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	2 850	0	0.10	2.13	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	9 368	0	0.33	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	9 045	0	0.32	2.13	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	10 777	0	0.38	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	10 413	0	0.37	2.13	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	9 312	0	0.33	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	8 997	0	0.32	2.13	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	3 920	0	0.14	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	3 791	0	0.13	2.13	0 E-01	0	0	0.000	0.300	-	SI

Travi - verifica allo stato limite di fessurazione

%L _{LI}	Id _{Cmb}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	σ _{ct,f}	σ _t	ε _{sm}	A _e	Δ _{sm}	W _d	W _{amm}	CS	Verificato
[%]		[N]	[N-m]	[N-m]	[N/mm ²]	[N/mm ²]		[cm ²]	[mm]	[mm]	[mm]		
87.5%	FRQ	0	-7 753	0	0.27	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-7 472	0	0.26	2.13	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	0	-24 223	0	0.85	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-23 337	0	0.82	2.13	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 12-13				FRC=-0.06 cm				AA= PCA					
0%	FRQ	0	-25 326	0	0.89	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-24 379	0	0.86	2.13	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	-5 360	0	0.19	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-5 109	0	0.18	2.13	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	5 649	0	0.20	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	5 522	0	0.19	2.13	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	11 233	0	0.39	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	10 918	0	0.38	2.13	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	12 520	0	0.44	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	12 156	0	0.43	2.13	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	11 711	0	0.41	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	11 393	0	0.40	2.13	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	4 140	0	0.15	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	4 009	0	0.14	2.13	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	-11 264	0	0.40	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-11 003	0	0.39	2.13	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	0	-38 864	0	1.36	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-37 894	0	1.33	2.13	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 13-14				FRC=0.07 cm				AA= PCA					
0%	FRQ	0	-35 659	0	1.25	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-34 712	0	1.22	2.13	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	-10 015	0	0.35	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-9 684	0	0.34	2.13	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	8 054	0	0.28	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	7 787	0	0.27	2.13	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	15 802	0	0.55	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	15 525	0	0.54	2.13	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	18 136	0	0.61	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	17 782	0	0.60	2.13	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	16 102	0	0.56	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	15 812	0	0.55	2.13	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	2 683	0	0.09	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	2 557	0	0.09	2.13	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	-20 136	0	0.71	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-19 436	0	0.68	2.13	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	0	-61 969	0	2.17	2.13	4.6837 E-04	570	392	0.183	0.400	2.18	SI
	QPR	0	-60 179	0	2.11	2.13	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 14-15				FRC=0.04 cm				AA= PCA					
0%	FRQ	0	-64 701	0	2.27	2.13	4.8902 E-04	570	392	0.192	0.400	2.09	SI
	QPR	0	-62 921	0	2.21	2.13	4.7556 E-04	570	392	0.186	0.300	1.61	SI
12.5%	FRQ	0	-26 890	0	0.94	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-26 118	0	0.92	2.13	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	-500	0	0.02	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-411	0	0.01	2.13	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	12 197	0	0.43	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	11 949	0	0.42	2.13	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	18 065	0	0.57	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	17 651	0	0.56	2.13	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	13 372	0	0.47	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	13 075	0	0.46	2.13	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	10 495	0	0.37	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	10 189	0	0.36	2.13	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	4 515	0	0.16	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	4 241	0	0.15	2.13	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	0	-5 823	0	0.20	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-5 418	0	0.19	2.13	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 15-16				FRC=0.08 cm				AA= PCA					
0%	FRQ	0	-6 745	0	0.24	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-6 290	0	0.22	2.13	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	5 098	0	0.18	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	4 766	0	0.17	2.13	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	12 123	0	0.43	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	11 718	0	0.41	2.13	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	16 143	0	0.57	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	15 704	0	0.55	2.13	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	15 969	0	0.56	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	15 581	0	0.55	2.13	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	17 108	0	0.60	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	16 648	0	0.58	2.13	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	7 505	0	0.26	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	7 344	0	0.26	2.13	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	-11 588	0	0.41	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-11 165	0	0.39	2.13	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	31 294	-36 837	0	1.17	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	30 331	-35 627	0	1.13	2.13	0 E-01	0	0	0.000	0.300	-	SI
Fondazione				Travata: Trave 18-19-20-21-22-23-24									

%L _{LI}	Id _{Cmb}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	σ _{ct,f}	σ _t	ε _{sm}	A _e	Δ _{sm}	W _d	W _{amm}	CS	Verificat o
[%]		[N]	[N-m]	[N-m]	[N/mm ²]	[N/mm ²]		[cm ²]	[mm]	[mm]	[mm]		
Trave: Trave 18-19				FRC=-0.05 cm				AA= PCA					
0%	FRQ	23 680	-22 837	0	0.71	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	23 309	-22 572	0	0.70	2.13	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	-4 574	0	0.16	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-4 500	0	0.16	2.13	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	6 334	0	0.22	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	6 128	0	0.21	2.13	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	14 234	0	0.50	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	13 913	0	0.49	2.13	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	15 476	0	0.54	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	15 164	0	0.53	2.13	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	12 135	0	0.43	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	11 856	0	0.42	2.13	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	6 424	0	0.23	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	6 342	0	0.22	2.13	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	-5 492	0	0.19	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-5 173	0	0.18	2.13	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	330	-23 639	0	0.83	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	330	-22 667	0	0.79	2.13	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 19-20				FRC=-0.05 cm				AA= PCA					
0%	FRQ	-327	-25 655	0	0.90	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-327	-24 705	0	0.87	2.13	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	-7 704	0	0.27	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-7 416	0	0.26	2.13	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	3 505	0	0.12	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	3 392	0	0.12	2.13	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	9 169	0	0.32	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	8 859	0	0.31	2.13	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	10 834	0	0.34	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	10 470	0	0.33	2.13	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	9 287	0	0.33	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	8 968	0	0.31	2.13	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	3 908	0	0.14	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	3 772	0	0.13	2.13	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	-6 847	0	0.24	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-6 602	0	0.23	2.13	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	-1 201	-26 207	0	0.92	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-1 164	-25 259	0	0.89	2.13	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 20-21				FRC=-0.01 cm				AA= PCA					
0%	FRQ	1 201	-25 051	0	0.87	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	1 164	-24 150	0	0.84	2.13	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	-8 241	0	0.29	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-7 957	0	0.28	2.13	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	3 465	0	0.12	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	3 340	0	0.12	2.13	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	9 071	0	0.32	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	8 753	0	0.31	2.13	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	11 373	0	0.40	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	10 987	0	0.39	2.13	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	9 638	0	0.34	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	9 305	0	0.33	2.13	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	3 479	0	0.12	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	3 355	0	0.12	2.13	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	-7 141	0	0.25	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-6 880	0	0.24	2.13	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	518	-26 076	0	0.91	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	514	-25 109	0	0.88	2.13	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 21-22				FRC=-0.06 cm				AA= PCA					
0%	FRQ	-518	-24 958	0	0.88	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-514	-23 997	0	0.84	2.13	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	-7 154	0	0.25	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-6 848	0	0.24	2.13	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	5 324	0	0.19	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	5 202	0	0.18	2.13	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	11 242	0	0.39	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	10 915	0	0.38	2.13	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	12 645	0	0.44	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	12 263	0	0.43	2.13	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	11 677	0	0.41	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	11 346	0	0.40	2.13	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	4 223	0	0.15	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	4 081	0	0.14	2.13	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	-12 370	0	0.43	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-12 083	0	0.42	2.13	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	821	-39 073	0	1.37	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	885	-38 085	0	1.33	2.13	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 22-23				FRC=-0.01 cm				AA= PCA					
0%	FRQ	-821	-37 146	0	1.31	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-885	-36 040	0	1.27	2.13	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	-7 915	0	0.28	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-7 571	0	0.27	2.13	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	7 033	0	0.25	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	6 752	0	0.24	2.13	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	15 247	0	0.53	2.13	0 E-01	0	0	0.000	0.400	-	SI

Travi - verifica allo stato limite di fessurazione

%L _{LT}	Id _{Cmb}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	σ _{ct,f}	σ _t	ε _{sm}	A _e	Δ _{sm}	W _d	W _{amm}	CS	Verificato
[%]		[N]	[N-m]	[N-m]	[N/mm ²]	[N/mm ²]		[cm ²]	[mm]	[mm]	[mm]		
50.0%	QPR	0	14 980	0	0.53	2.13	0 E-01	0	0	0.000	0.300	-	SI
	FRQ	0	16 567	0	0.52	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	16 249	0	0.51	2.13	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	14 330	0	0.50	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	14 086	0	0.49	2.13	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	4 216	0	0.15	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	4 063	0	0.14	2.13	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	-17 982	0	0.63	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-17 262	0	0.61	2.13	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	5 854	-53 812	0	1.87	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	5 678	-52 014	0	1.80	2.13	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 23-24				FRC=-0.07 cm				AA= PCA					
0%	FRQ	-5 855	-59 590	0	2.11	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 679	-57 748	0	2.05	2.13	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	-20 661	0	0.72	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-19 984	0	0.70	2.13	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	139	0	0.00	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	96	0	0.00	2.13	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	11 358	0	0.40	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	11 078	0	0.39	2.13	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	16 343	0	0.57	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	15 896	0	0.56	2.13	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	13 133	0	0.46	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	12 763	0	0.45	2.13	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	10 746	0	0.38	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	10 376	0	0.36	2.13	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	3 716	0	0.13	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	3 492	0	0.12	2.13	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	960	-4 343	0	0.15	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	962	-4 101	0	0.14	2.13	0 E-01	0	0	0.000	0.300	-	SI
Fondazione				Travata: Trave 25-24				AA= PCA					
Trave: Trave 25-24				FRC=-0.06 cm				AA= PCA					
0%	FRQ	0	-34 480	0	1.21	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-33 113	0	1.16	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	-5 116	0	0.18	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-4 888	0	0.17	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	10 133	0	0.36	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	9 804	0	0.34	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	15 808	0	0.55	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	15 267	0	0.54	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	19 070	0	0.67	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	18 398	0	0.65	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	17 151	0	0.60	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	16 505	0	0.58	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	13 740	0	0.48	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	13 151	0	0.46	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	7 210	0	0.25	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	6 734	0	0.24	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	-958	-2 293	0	0.08	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-960	-1 975	0	0.07	2.36	0 E-01	0	0	0.000	0.300	-	SI
Fondazione				Travata: Trave 26-27-28-29-30-31-1c-32				AA= PCA					
Trave: Trave 26-27				FRC=0.06 cm				AA= PCA					
0%	FRQ	30 631	-19 533	0	0.57	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	31 707	-19 409	0	0.56	2.13	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	-4 657	0	0.16	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-4 595	0	0.16	2.13	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	7 615	0	0.27	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	7 459	0	0.26	2.13	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	13 255	0	0.46	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	13 030	0	0.46	2.13	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	15 095	0	0.53	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	14 857	0	0.52	2.13	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	12 408	0	0.44	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	12 199	0	0.43	2.13	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	3 967	0	0.14	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	3 923	0	0.14	2.13	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	-10 422	0	0.37	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-10 182	0	0.36	2.13	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	-702	-35 830	0	1.26	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-712	-35 083	0	1.23	2.13	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 27-28				FRC=-0.06 cm				AA= PCA					
0%	FRQ	694	-39 209	0	1.37	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	704	-38 497	0	1.35	2.13	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	-11 036	0	0.39	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-10 853	0	0.38	2.13	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	3 914	0	0.14	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	3 820	0	0.13	2.13	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	13 455	0	0.47	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	13 193	0	0.46	2.13	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	16 344	0	0.51	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	16 040	0	0.51	2.13	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	13 847	0	0.49	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	13 580	0	0.48	2.13	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	6 174	0	0.22	2.13	0 E-01	0	0	0.000	0.400	-	SI

Travi - verifica allo stato limite di fessurazione

%L _{LI}	Id _{Cmb}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	σ _{ct,f}	σ _t	ε _{sm}	A _e	Δ _{sm}	W _d	W _{amm}	CS	Verificato
[%]		[N]	[N-m]	[N-m]	[N/mm ²]	[N/mm ²]		[cm ²]	[mm]	[mm]	[mm]		
87.5%	QPR	0	6 071	0	0.21	2.13	0 E-01	0	0	0.000	0.300	-	SI
	FRQ	0	-11 220	0	0.39	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-10 960	0	0.38	2.13	0 E-01	0	0	0.000	0.300	-	SI
	FRQ	-112	-37 078	0	1.30	2.13	0 E-01	0	0	0.000	0.400	-	SI
100%	QPR	-113	-36 251	0	1.27	2.13	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 28-29				FRC=0.06 cm			AA= PCA						
0%	FRQ	112	-38 050	0	1.33	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	113	-37 280	0	1.31	2.13	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	-10 643	0	0.37	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-10 442	0	0.37	2.13	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	4 898	0	0.17	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	4 782	0	0.17	2.13	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	14 554	0	0.51	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	14 248	0	0.50	2.13	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	16 603	0	0.58	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	16 263	0	0.57	2.13	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	14 231	0	0.50	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	13 933	0	0.49	2.13	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	5 223	0	0.18	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	5 116	0	0.18	2.13	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	-12 862	0	0.45	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-12 583	0	0.44	2.13	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	1 175	-37 138	0	1.30	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	1 133	-36 322	0	1.27	2.13	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 29-30				FRC=-0.06 cm			AA= PCA						
0%	FRQ	-1 175	-41 122	0	1.45	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-1 133	-40 242	0	1.42	2.13	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	-13 712	0	0.48	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-13 432	0	0.47	2.13	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	4 434	0	0.16	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	4 323	0	0.15	2.13	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	14 107	0	0.49	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	13 795	0	0.48	2.13	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	17 299	0	0.61	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	16 928	0	0.59	2.13	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	15 374	0	0.54	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	15 043	0	0.53	2.13	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	6 710	0	0.24	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	6 588	0	0.23	2.13	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	-11 425	0	0.40	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-11 103	0	0.39	2.13	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	-685	-39 953	0	1.40	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-673	-38 927	0	1.37	2.13	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 30-31				FRC=0.07 cm			AA= PCA						
0%	FRQ	684	-40 310	0	1.41	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	672	-39 219	0	1.37	2.13	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	-10 319	0	0.36	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-9 943	0	0.35	2.13	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	8 557	0	0.30	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	8 284	0	0.29	2.13	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	16 645	0	0.58	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	16 374	0	0.57	2.13	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	19 108	0	0.60	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	18 760	0	0.59	2.13	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	16 617	0	0.58	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	16 341	0	0.57	2.13	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	3 420	0	0.12	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	3 279	0	0.12	2.13	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	-19 457	0	0.68	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-18 724	0	0.66	2.13	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	-2 254	-65 303	0	2.30	2.13	4.9772 E-04	570	392	0.195	0.400	2.05	SI
	QPR	-2 167	-63 293	0	2.23	2.13	4.8227 E-04	570	392	0.189	0.300	1.59	SI
Trave: Trave 31-1c				FRC=-0.02 cm			AA= PCA						
0%	FRQ	2 160	-67 572	0	2.36	2.13	5.0693 E-04	570	392	0.199	0.400	2.01	SI
	QPR	2 078	-65 732	0	2.30	2.13	4.9304 E-04	570	392	0.193	0.300	1.55	SI
12.5%	FRQ	0	-27 268	0	0.96	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-26 529	0	0.93	2.13	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	-876	0	0.03	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-841	0	0.03	2.13	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	12 450	0	0.44	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	12 120	0	0.43	2.13	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	18 998	0	0.67	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	18 489	0	0.65	2.13	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	15 071	0	0.53	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	14 647	0	0.51	2.13	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	16 774	0	0.59	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	16 282	0	0.57	2.13	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	15 974	0	0.56	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	15 468	0	0.54	2.13	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	0	16 008	0	0.56	2.13	0 E-01	0	0	0.000	0.400	-	SI

%L _{LT}	Id _{Cmb}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	σ _{ct,f}	σ _t	ε _{sm}	A _e	Δ _{sm}	W _d	W _{amm}	CS	Verificat o
[%]		[N]	[N-m]	[N-m]	[N/mm ²]	[N/mm ²]		[cm ²]	[mm]	[mm]	[mm]		
	QPR	0	15 468	0	0.54	2.13	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 1c-32				FRC=0.08 cm				AA= PCA					
0%	FRQ	0	21 732	0	0.76	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	20 986	0	0.74	2.13	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	16 975	0	0.60	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	16 381	0	0.57	2.13	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	16 254	0	0.57	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	15 679	0	0.55	2.13	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	17 264	0	0.61	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	16 646	0	0.58	2.13	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	5 885	0	0.21	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	5 665	0	0.20	2.13	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	1 267	0	0.04	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	1 186	0	0.04	2.13	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	-3 257	0	0.11	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-3 131	0	0.11	2.13	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	18 566	-12 856	0	0.38	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	17 834	-12 474	0	0.37	2.13	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	18 566	-36 518	0	1.21	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	17 834	-35 301	0	1.17	2.13	0 E-01	0	0	0.000	0.300	-	SI
Fondazione				Travata: Trave 33-34-35-36-39-40-41-2c									
Trave: Trave 33-34				FRC=0.07 cm				AA= PCA					
0%	FRQ	16 559	-12 603	0	0.38	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	17 559	-12 487	0	0.37	2.13	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	924	0	0.03	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	777	0	0.03	2.13	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	8 127	0	0.29	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	7 985	0	0.28	2.13	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	10 268	0	0.36	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	10 103	0	0.35	2.13	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	10 363	0	0.36	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	10 203	0	0.36	2.13	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	6 769	0	0.24	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	6 678	0	0.23	2.13	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	927	0	0.03	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	893	0	0.03	2.13	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	-10 134	0	0.36	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-9 939	0	0.35	2.13	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	-2 770	-28 080	0	1.00	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-2 743	-27 592	0	0.98	2.13	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 34-35				FRC=-0.01 cm				AA= PCA					
0%	FRQ	2 945	-28 825	0	1.00	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	2 916	-28 393	0	0.98	2.13	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	-7 081	0	0.25	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-6 981	0	0.24	2.13	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	4 617	0	0.16	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	4 529	0	0.16	2.13	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	10 898	0	0.38	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	10 720	0	0.38	2.13	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	12 594	0	0.44	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	12 402	0	0.44	2.13	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	11 118	0	0.39	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	10 934	0	0.38	2.13	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	3 313	0	0.12	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	3 263	0	0.11	2.13	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	-8 913	0	0.31	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-8 741	0	0.31	2.13	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	0	-30 451	0	1.07	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-29 888	0	1.05	2.13	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 35-36				FRC=-0.01 cm				AA= PCA					
0%	FRQ	0	-31 563	0	1.11	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-31 040	0	1.09	2.13	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	-8 211	0	0.29	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-8 087	0	0.28	2.13	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	4 125	0	0.14	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	4 036	0	0.14	2.13	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	11 259	0	0.39	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	11 055	0	0.39	2.13	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	12 116	0	0.43	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	11 907	0	0.42	2.13	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	10 820	0	0.38	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	10 623	0	0.37	2.13	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	5 093	0	0.18	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	5 000	0	0.18	2.13	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	-8 214	0	0.29	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-8 058	0	0.28	2.13	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	0	-32 603	0	1.14	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-31 974	0	1.12	2.13	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 36-39				FRC=-0.01 cm				AA= PCA					
0%	FRQ	0	-35 061	0	1.23	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-34 373	0	1.21	2.13	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	-9 331	0	0.33	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-9 147	0	0.32	2.13	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	4 314	0	0.14	2.13	0 E-01	0	0	0.000	0.400	-	SI

%L _{LI}	Id _{Cmb}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	σ _{ct,f}	σ _t	ε _{sm}	A _e	Δ _{sm}	W _d	W _{amm}	CS	Verificat o
[%]		[N]	[N-m]	[N-m]	[N/mm ²]	[N/mm ²]		[cm ²]	[mm]	[mm]	[mm]		
37.5%	QPR	0	4 237	0	0.13	2.13	0 E-01	0	0	0.000	0.300	-	SI
	FRQ	0	11 200	0	0.39	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	10 993	0	0.39	2.13	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	13 372	0	0.47	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	13 127	0	0.46	2.13	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	10 768	0	0.38	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	10 567	0	0.37	2.13	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	5 239	0	0.18	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	5 139	0	0.18	2.13	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	-10 110	0	0.35	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-9 922	0	0.35	2.13	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	0	-31 416	0	1.10	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-30 808	0	1.08	2.13	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 39-40				FRC=-0.07 cm				AA= PCA					
0%	FRQ	-16	-37 639	0	1.32	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-16	-36 867	0	1.29	2.13	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	-7 711	0	0.27	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-7 525	0	0.26	2.13	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	6 993	0	0.25	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	6 884	0	0.24	2.13	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	12 224	0	0.43	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	12 025	0	0.42	2.13	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	13 434	0	0.42	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	13 221	0	0.42	2.13	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	9 002	0	0.32	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	8 860	0	0.31	2.13	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	-1 418	0	0.05	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-1 313	0	0.05	2.13	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	-15 466	0	0.54	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-15 242	0	0.53	2.13	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	-6 089	-40 278	0	1.44	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-5 937	-39 705	0	1.42	2.13	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 40-41				FRC=-0.02 cm				AA= PCA					
0%	FRQ	5 472	-36 275	0	1.25	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	5 420	-35 651	0	1.23	2.13	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	-3 477	0	0.12	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-3 389	0	0.12	2.13	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	8 415	0	0.30	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	8 302	0	0.29	2.13	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	11 253	0	0.39	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	11 120	0	0.39	2.13	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	13 719	0	0.48	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	13 546	0	0.48	2.13	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	10 640	0	0.37	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	10 485	0	0.37	2.13	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	14 459	0	0.51	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	14 286	0	0.50	2.13	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	-1 056	0	0.04	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-988	0	0.03	2.13	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	53 386	-19 435	0	0.48	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	52 897	-19 159	0	0.47	2.13	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 41-2c				FRC=0.00 cm				AA= PCA					
0%	FRQ	49 261	-9 875	0	0.16	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	48 840	-9 781	0	0.16	2.13	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	49 261	-9 497	0	0.15	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	48 840	-9 408	0	0.14	2.13	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	49 261	-9 103	0	0.13	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	48 840	-9 019	0	0.13	2.13	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	48 971	-8 661	0	0.12	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	48 840	-8 613	0	0.12	2.13	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	48 971	-8 239	0	0.10	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	48 840	-8 196	0	0.10	2.13	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	48 971	-7 802	0	0.09	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	48 840	-7 763	0	0.09	2.13	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	48 971	-7 348	0	0.07	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	48 840	-7 313	0	0.07	2.13	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	48 971	-6 879	0	0.06	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	48 840	-6 849	0	0.05	2.13	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	48 971	-6 396	0	0.04	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	48 840	-6 370	0	0.04	2.13	0 E-01	0	0	0.000	0.300	-	SI
Fondazione								Travata: Trave 1-9-18-26-33					
Trave: Trave 1-9				FRC=0.06 cm				AA= PCA					
0%	FRQ	22 048	-8 426	0	0.21	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	22 357	-8 038	0	0.20	2.13	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	-2 865	0	0.10	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-2 733	0	0.10	2.13	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	5 148	0	0.18	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	5 018	0	0.18	2.13	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	9 714	0	0.34	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	9 536	0	0.33	2.13	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	8 900	0	0.31	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	8 733	0	0.31	2.13	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	7 695	0	0.27	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	7 574	0	0.27	2.13	0 E-01	0	0	0.000	0.300	-	SI

Travi - verifica allo stato limite di fessurazione

%L _{LT}	Id _{Cmb}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	σ _{ct,f}	σ _t	ε _{sm}	A _e	Δ _{sm}	W _d	W _{amm}	CS	Verificato
[%]		[N]	[N-m]	[N-m]	[N/mm ²]	[N/mm ²]		[cm ²]	[mm]	[mm]	[mm]		
75.0%	FRQ	0	1 166	0	0.04	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	1 126	0	0.04	2.13	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	-7 354	0	0.26	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-7 173	0	0.25	2.13	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	0	-26 589	0	0.93	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-25 992	0	0.91	2.13	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 9-18				FRC=-0.01 cm				AA= PCA					
0%	FRQ	0	-27 167	0	0.95	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-26 583	0	0.93	2.13	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	-8 455	0	0.30	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-8 275	0	0.29	2.13	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	1 781	0	0.06	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	1 705	0	0.06	2.13	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	7 462	0	0.26	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	7 316	0	0.26	2.13	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	7 912	0	0.25	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	7 751	0	0.24	2.13	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	7 941	0	0.28	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	7 782	0	0.27	2.13	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	2 400	0	0.08	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	2 335	0	0.08	2.13	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	-8 702	0	0.31	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-8 523	0	0.30	2.13	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	0	-27 424	0	0.96	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-26 856	0	0.94	2.13	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 18-26				FRC=-0.01 cm				AA= PCA					
0%	FRQ	6	-26 904	0	0.94	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	6	-26 292	0	0.92	2.13	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	-8 290	0	0.29	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-8 073	0	0.28	2.13	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	2 259	0	0.08	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	2 202	0	0.08	2.13	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	8 649	0	0.30	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	8 513	0	0.30	2.13	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	9 264	0	0.32	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	9 108	0	0.32	2.13	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	8 681	0	0.30	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	8 522	0	0.30	2.13	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	4 410	0	0.15	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	4 308	0	0.15	2.13	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	-4 845	0	0.17	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-4 682	0	0.16	2.13	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	0	-19 900	0	0.70	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-19 543	0	0.69	2.13	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 26-33				FRC=0.00 cm				AA= PCA					
0%	FRQ	0	-12 849	0	0.45	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-12 558	0	0.44	2.13	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	-12 356	0	0.43	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-12 099	0	0.42	2.13	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	-11 772	0	0.41	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-11 549	0	0.41	2.13	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	-11 004	0	0.39	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-10 819	0	0.38	2.13	0 E-01	0	0	0.000	0.300	-	SI
49.9%	FRQ	0	-10 227	0	0.36	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-10 076	0	0.35	2.13	0 E-01	0	0	0.000	0.300	-	SI
62.4%	FRQ	0	-7 429	0	0.26	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-7 305	0	0.26	2.13	0 E-01	0	0	0.000	0.300	-	SI
75.1%	FRQ	0	-7 519	0	0.26	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-7 411	0	0.26	2.13	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	-7 510	0	0.26	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-7 419	0	0.26	2.13	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	0	-7 409	0	0.26	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-7 333	0	0.26	2.13	0 E-01	0	0	0.000	0.300	-	SI
Fondazione								Travata: Trave 2-10-19-27-34					
Trave: Trave 2-10				FRC=-0.01 cm				AA= PCA					
0%	FRQ	0	-34 805	0	1.22	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-34 030	0	1.19	2.13	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	-1 018	0	0.04	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-541	0	0.02	2.13	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	11 024	0	0.39	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	10 752	0	0.38	2.13	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	14 226	0	0.50	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	13 963	0	0.49	2.13	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	16 651	0	0.58	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	16 395	0	0.58	2.13	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	12 991	0	0.46	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	12 820	0	0.45	2.13	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	5 408	0	0.19	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	5 340	0	0.19	2.13	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	-3 771	0	0.13	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-3 358	0	0.12	2.13	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	0	-18 794	0	0.66	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-17 840	0	0.63	2.13	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 10-19				FRC=0.05 cm				AA= PCA					

Travi - verifica allo stato limite di fessurazione

%L _{LI}	Id _{Cmb}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	σ _{ct,f}	σ _t	ε _{sm}	A _e	Δ _{sm}	W _d	W _{amm}	CS	Verificato
[%]		[N]	[N-m]	[N-m]	[N/mm ²]	[N/mm ²]		[cm ²]	[mm]	[mm]	[mm]		
0%	FRQ	0	-20 010	0	0.70	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-19 169	0	0.67	2.13	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	-5 435	0	0.19	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-5 184	0	0.18	2.13	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	3 872	0	0.14	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	3 764	0	0.13	2.13	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	9 972	0	0.35	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	9 649	0	0.34	2.13	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	11 472	0	0.36	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	11 101	0	0.35	2.13	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	9 050	0	0.32	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	8 755	0	0.31	2.13	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	5 585	0	0.20	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	5 426	0	0.19	2.13	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	-4 525	0	0.16	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-4 307	0	0.15	2.13	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	0	-20 843	0	0.73	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-19 995	0	0.70	2.13	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 19-27				FRC=0.06 cm				AA= PCA					
0%	FRQ	0	-18 849	0	0.66	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-17 925	0	0.63	2.13	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	-3 158	0	0.11	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-2 910	0	0.10	2.13	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	5 957	0	0.21	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	5 824	0	0.20	2.13	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	11 447	0	0.40	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	11 159	0	0.39	2.13	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	10 078	0	0.34	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	9 802	0	0.33	2.13	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	6 710	0	0.24	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	6 430	0	0.23	2.13	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	3 090	0	0.11	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	2 883	0	0.10	2.13	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	-13 209	0	0.46	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-12 742	0	0.45	2.13	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	0	-47 167	0	1.65	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-46 104	0	1.62	2.13	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 27-34				FRC=0.07 cm				AA= PCA					
0%	FRQ	0	-16 098	0	0.56	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-15 578	0	0.55	2.13	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	-9 115	0	0.32	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-8 804	0	0.31	2.13	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	-1 639	0	0.06	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-1 397	0	0.05	2.13	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	1 159	0	0.04	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	1 082	0	0.04	2.13	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	4 523	0	0.16	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	4 438	0	0.16	2.13	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	3 007	0	0.11	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	2 933	0	0.10	2.13	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	2 220	0	0.08	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	2 090	0	0.07	2.13	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	-364	0	0.01	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-278	0	0.01	2.13	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	0	-4 602	0	0.16	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-4 477	0	0.16	2.13	0 E-01	0	0	0.000	0.300	-	SI
Fondazione								Travata: Trave 3-11-20-28-35					
Trave: Trave 3-11				FRC=-0.01 cm				AA= PCA					
0%	FRQ	3 444	-33 996	0	1.18	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	3 669	-33 118	0	1.15	2.13	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	3 793	1 466	0	0.04	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	3 669	918	0	0.02	2.13	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	11 125	0	0.39	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	10 854	0	0.38	2.13	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	14 292	0	0.50	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	14 030	0	0.49	2.13	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	16 905	0	0.59	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	16 656	0	0.58	2.13	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	12 706	0	0.45	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	12 534	0	0.44	2.13	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	5 519	0	0.19	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	5 437	0	0.19	2.13	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	-3 335	0	0.12	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-2 911	0	0.10	2.13	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	-1 661	-18 015	0	0.64	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	-1 652	-17 054	0	0.60	2.13	0 E-01	0	0	0.000	0.300	-	SI
Trave: Trave 11-20				FRC=-0.05 cm				AA= PCA					
0%	FRQ	1 692	-18 572	0	0.65	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	1 683	-17 729	0	0.62	2.13	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	-5 266	0	0.18	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-5 006	0	0.18	2.13	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	3 512	0	0.12	2.13	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	3 413	0	0.12	2.13	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	9 640	0	0.34	2.13	0 E-01	0	0	0.000	0.400	-	SI

Travi - verifica allo stato limite di fessurazione

%L _{LT}	Id _{Cmb}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	σ _{ct,f}	σ _t	ε _{sm}	A _e	Δ _{sm}	W _d	W _{amm}	CS	Verificat o
[%]		[N]	[N-m]	[N-m]	[N/mm ²]	[N/mm ²]		[cm ²]	[mm]	[mm]	[mm]		
100%	FRQ QPR	0 0	-22 987 -22 515	0 0	0.81 0.79	2.13 2.13	0 E-01 0 E-01	0 0	0 0	0.000 0.000	0.400 0.300	- -	SI SI
Trave: Trave 24-1c				FRC=0.03 cm				AA= PCA					
0%	FRQ QPR	0 0	-21 400 -20 980	0 0	0.75 0.74	2.13 2.13	0 E-01 0 E-01	0 0	0 0	0.000 0.000	0.400 0.300	- -	SI SI
12.5%	FRQ QPR	0 0	-6 265 -6 133	0 0	0.22 0.22	2.13 2.13	0 E-01 0 E-01	0 0	0 0	0.000 0.000	0.400 0.300	- -	SI SI
25.0%	FRQ QPR	0 0	1 823 1 754	0 0	0.06 0.06	2.13 2.13	0 E-01 0 E-01	0 0	0 0	0.000 0.000	0.400 0.300	- -	SI SI
37.5%	FRQ QPR	0 0	5 347 5 216	0 0	0.19 0.18	2.13 2.13	0 E-01 0 E-01	0 0	0 0	0.000 0.000	0.400 0.300	- -	SI SI
50.0%	FRQ QPR	0 0	7 347 7 203	0 0	0.26 0.25	2.13 2.13	0 E-01 0 E-01	0 0	0 0	0.000 0.000	0.400 0.300	- -	SI SI
62.5%	FRQ QPR	0 0	4 427 4 313	0 0	0.16 0.15	2.13 2.13	0 E-01 0 E-01	0 0	0 0	0.000 0.000	0.400 0.300	- -	SI SI
75.0%	FRQ QPR	0 0	1 733 1 694	0 0	0.06 0.06	2.13 2.13	0 E-01 0 E-01	0 0	0 0	0.000 0.000	0.400 0.300	- -	SI SI
87.5%	FRQ QPR	0 0	-1 595 -1 516	0 0	0.06 0.05	2.13 2.13	0 E-01 0 E-01	0 0	0 0	0.000 0.000	0.400 0.300	- -	SI SI
100.0%	FRQ QPR	0 0	-5 224 -5 031	0 0	0.18 0.18	2.13 2.13	0 E-01 0 E-01	0 0	0 0	0.000 0.000	0.400 0.300	- -	SI SI
Fondazione				Travata: Trave 8-16				AA= PCA					
Trave: Trave 8-16				FRC=0.08 cm				AA= PCA					
0%	FRQ QPR	0 0	-17 790 -17 486	0 0	0.62 0.61	2.13 2.13	0 E-01 0 E-01	0 0	0 0	0.000 0.000	0.400 0.300	- -	SI SI
12.5%	FRQ QPR	0 0	-3 382 -3 246	0 0	0.12 0.11	2.13 2.13	0 E-01 0 E-01	0 0	0 0	0.000 0.000	0.400 0.300	- -	SI SI
25.0%	FRQ QPR	0 0	11 125 10 760	0 0	0.39 0.38	2.13 2.13	0 E-01 0 E-01	0 0	0 0	0.000 0.000	0.400 0.300	- -	SI SI
37.5%	FRQ QPR	0 0	18 611 18 140	0 0	0.65 0.64	2.13 2.13	0 E-01 0 E-01	0 0	0 0	0.000 0.000	0.400 0.300	- -	SI SI
50.0%	FRQ QPR	0 0	18 115 17 606	0 0	0.64 0.62	2.13 2.13	0 E-01 0 E-01	0 0	0 0	0.000 0.000	0.400 0.300	- -	SI SI
62.5%	FRQ QPR	0 0	13 739 13 476	0 0	0.48 0.47	2.13 2.13	0 E-01 0 E-01	0 0	0 0	0.000 0.000	0.400 0.300	- -	SI SI
75.0%	FRQ QPR	0 0	4 869 4 794	0 0	0.17 0.17	2.13 2.13	0 E-01 0 E-01	0 0	0 0	0.000 0.000	0.400 0.300	- -	SI SI
87.5%	FRQ QPR	0 0	-9 224 -8 748	0 0	0.32 0.31	2.13 2.13	0 E-01 0 E-01	0 0	0 0	0.000 0.000	0.400 0.300	- -	SI SI
100%	FRQ QPR	0 0	-38 821 -37 252	0 0	1.36 1.31	2.13 2.13	0 E-01 0 E-01	0 0	0 0	0.000 0.000	0.400 0.300	- -	SI SI
Fondazione				Travata: Trave 16-17-25-32-38-41				AA= PCA					
Trave: Trave 16-17				FRC=0.00 cm				AA= PCA					
0%	FRQ QPR	1 368 1 326	-34 700 -33 875	0 0	1.21 1.18	2.36 2.36	0 E-01 0 E-01	0 0	0 0	0.000 0.000	0.400 0.300	- -	SI SI
12.5%	FRQ QPR	1 368 1 326	-20 158 -19 644	0 0	0.70 0.68	2.36 2.36	0 E-01 0 E-01	0 0	0 0	0.000 0.000	0.400 0.300	- -	SI SI
25.0%	FRQ QPR	1 324 1 326	-4 645 -4 454	0 0	0.16 0.15	2.36 2.36	0 E-01 0 E-01	0 0	0 0	0.000 0.000	0.400 0.300	- -	SI SI
37.5%	FRQ QPR	0 0	-3 148 -3 056	0 0	0.11 0.11	2.36 2.36	0 E-01 0 E-01	0 0	0 0	0.000 0.000	0.400 0.300	- -	SI SI
50.0%	FRQ QPR	0 0	5 673 5 596	0 0	0.20 0.20	2.36 2.36	0 E-01 0 E-01	0 0	0 0	0.000 0.000	0.400 0.300	- -	SI SI
62.5%	FRQ QPR	0 0	4 357 4 207	0 0	0.15 0.15	2.36 2.36	0 E-01 0 E-01	0 0	0 0	0.000 0.000	0.400 0.300	- -	SI SI
75.0%	FRQ QPR	0 0	6 124 6 036	0 0	0.21 0.21	2.36 2.36	0 E-01 0 E-01	0 0	0 0	0.000 0.000	0.400 0.300	- -	SI SI
87.5%	FRQ QPR	0 0	-457 -289	0 0	0.02 0.01	2.36 2.36	0 E-01 0 E-01	0 0	0 0	0.000 0.000	0.400 0.300	- -	SI SI
100%	FRQ QPR	0 0	-5 149 -4 610	0 0	0.18 0.16	2.36 2.36	0 E-01 0 E-01	0 0	0 0	0.000 0.000	0.400 0.300	- -	SI SI
Trave: Trave 17-25				FRC=0.00 cm				AA= PCA					
0%	FRQ QPR	3 081 2 960	-11 226 -10 522	0 0	0.38 0.36	2.36 2.36	0 E-01 0 E-01	0 0	0 0	0.000 0.000	0.400 0.300	- -	SI SI
12.5%	FRQ QPR	3 081 2 960	-2 327 -2 016	0 0	0.07 0.06	2.36 2.36	0 E-01 0 E-01	0 0	0 0	0.000 0.000	0.400 0.300	- -	SI SI
25.0%	FRQ QPR	0 0	2 756 2 692	0 0	0.10 0.09	2.36 2.36	0 E-01 0 E-01	0 0	0 0	0.000 0.000	0.400 0.300	- -	SI SI
37.5%	FRQ QPR	0 0	6 732 6 629	0 0	0.24 0.23	2.36 2.36	0 E-01 0 E-01	0 0	0 0	0.000 0.000	0.400 0.300	- -	SI SI
50.0%	FRQ QPR	0 0	4 734 4 663	0 0	0.15 0.15	2.36 2.36	0 E-01 0 E-01	0 0	0 0	0.000 0.000	0.400 0.300	- -	SI SI
62.5%	FRQ QPR	0 0	1 304 1 237	0 0	0.05 0.04	2.36 2.36	0 E-01 0 E-01	0 0	0 0	0.000 0.000	0.400 0.300	- -	SI SI
75.0%	FRQ QPR	0 0	-3 402 -3 156	0 0	0.12 0.11	2.36 2.36	0 E-01 0 E-01	0 0	0 0	0.000 0.000	0.400 0.300	- -	SI SI
87.5%	FRQ QPR	-654 -508	-12 353 -11 725	0 0	0.44 0.41	2.36 2.36	0 E-01 0 E-01	0 0	0 0	0.000 0.000	0.400 0.300	- -	SI SI
100%	FRQ QPR	-654 -508	-20 828 -19 828	0 0	0.73 0.70	2.36 2.36	0 E-01 0 E-01	0 0	0 0	0.000 0.000	0.400 0.300	- -	SI SI
Trave: Trave 25-32				FRC=-0.01 cm				AA= PCA					
0%	FRQ QPR	585 455	-21 406 -20 539	0 0	0.75 0.72	2.36 2.36	0 E-01 0 E-01	0 0	0 0	0.000 0.000	0.400 0.300	- -	SI SI
12.5%	FRQ	0	-656	0	0.02	2.36	0 E-01	0	0	0.000	0.400	-	SI

Pilastri (CA) - Verifiche pressoflessione deviata allo SLU																					
Lv	N _{Ed}	M _{Ed,X}	M _{Ed,Y}	CS	M _{Rd,X}	M _{Rd,Y}	N _{Ed,max}	N _R	α	R _f	φ _{ve}	φ _{vi}	φ _w	Lato 1				Lato 2			
														L	n _{reg}	n _f	φ	L	n _{reg}	n _f	φ
	[N]	[N·m]	[N·m]		[N·m]	[N·m]	[N]	[N]			[m]	[m]	[m]	[cm]				[m]	[cm]		[m]
					14	14															
Piano copertura	275 198	31 809	-84 823	1.97[S]	160 249	160 249	306 688	1 712 013	1.42	NO	18	-	10	40	1	1	18	40	1	1	18
Pilastrata: Pilastrata 32																					
Piano terra	472 959	217 515	52 580	1.51[S]	342 303	221 529	524 741	2 568 020	1.41	NO	18	-	10	60	1	2	18	40	1	1	18
Piano copertura	147 856	166 656	101 255	1.18[S]	283 386	177 924	186 333	2 568 020	1.58	NO	18	-	10	60	1	2	18	40	1	1	18
Pilastrata: Pilastrata 33																					
Piano terra	-77 453	-187 166	41 928	1.23[S]	232 059	145 902	354 066	2 568 020	1.72	NO	18	-	10	60	1	2	18	40	1	1	18
Piano copertura	-2 005	-95 720	25 285	4.00[S]	249 633	156 738	136 710	2 568 020	1.67	NO	18	-	10	60	1	2	18	40	1	1	18
Pilastrata: Pilastrata 34																					
Piano terra (a)	121 047	-220 969	48 968	1.20[S]	277 492	174 185	434 165	2 568 020	1.59	NO	18	-	10	60	1	2	18	40	1	1	18
Piano copertura (a)	32 969	-120 761	-29 114	2.88[S]	257 655	161 740	174 458	2 568 020	1.65	NO	18	-	10	60	1	2	18	40	1	1	18
Pilastrata: Pilastrata 35																					
Piano terra	240 004	227 313	46 883	1.31[S]	303 281	190 695	404 993	2 568 020	1.53	NO	18	-	10	60	1	2	18	40	1	1	18
Piano copertura	70 092	127 095	28 926	2.78[S]	266 084	166 999	158 839	2 568 020	1.62	NO	18	-	10	60	1	2	18	40	1	1	18
Pilastrata: Pilastrata 36																					
Piano terra	326 436	-232 909	-38 748	1.41[S]	320 425	202 384	418 073	2 568 020	1.48	NO	18	-	10	60	1	2	18	40	1	1	18
Piano copertura	98 885	125 312	52 177	2.29[S]	272 561	171 079	160 159	2 568 020	1.61	NO	18	-	10	60	1	2	18	40	1	1	18
Pilastrata: Pilastrata 37																					
Piano terra	374 720	-76 254	-34 355	2.24[S]	172 325	172 325	548 114	1 712 013	1.35	NO	18	-	10	40	1	1	18	40	1	1	18
Piano copertura	296 718	-41 036	-96 168	1.60[V]	162 926	162 926	216 766	1 712 013	1.40	NO	18	-	10	40	1	1	18	40	1	1	18
Pilastrata: Pilastrata 38																					
Piano terra	333 897	215 451	-39 575	1.56[S]	321 816	203 381	461 193	2 568 020	1.48	NO	18	-	10	60	1	2	18	40	1	1	18
Piano copertura	126 707	-143 918	88 920	1.44[S]	278 743	174 989	178 796	2 568 020	1.59	NO	18	-	10	60	1	2	18	40	1	1	18
Pilastrata: Pilastrata 39																					
Piano terra	354 653	-225 935	-52 225	1.39[S]	325 632	206 153	437 931	2 568 020	1.47	NO	18	-	10	60	1	2	18	40	1	1	18
Piano copertura	105 818	79 179	108 653	1.62[S]	274 094	172 041	171 252	2 568 020	1.60	NO	18	-	10	60	1	2	18	40	1	1	18
Pilastrata: Pilastrata 40																					
Piano terra	201 260	-216 413	-50 260	1.33[S]	295 015	185 356	392 512	2 568 020	1.55	NO	18	-	10	60	1	2	18	40	1	1	18
Piano copertura	66 967	-142 103	39 448	2.18[S]	265 373	166 564	143 938	2 568 020	1.63	NO	18	-	10	60	1	2	18	40	1	1	18
Pilastrata: Pilastrata 41																					
Piano terra	34 286	-179 925	-41 322	1.51[S]	257 958	161 919	382 106	2 568 020	1.65	NO	18	-	10	60	1	2	18	40	1	1	18
Piano copertura	58 275	-18	69 881	2.36[S]	263 429	165 342	139 894	2 568 020	1.00	NO	18	-	10	60	1	2	18	40	1	1	18

LEGENDA:

Lv	Livello o piano di appartenenza dell'elemento strutturale.
CS	Coefficiente di sicurezza ([NS] = Non Significativo se CS ≥ 100; [VNR]= Verifica Non Richiesta; Informazioni aggiuntive sulla condizione: [V] = statica; [E] = eccezionale; [S] = sismica; [N] = sismica non lineare).
N _{Ed,max}	Massimo sforzo di compressione.
N _R	Sforzo Normale resistente.
α	Esponente per la valutazione del coefficiente di sicurezza.
R _f	[SI] = elemento con presenza di rinforzo; [NO] = elemento senza rinforzo.
N _{Ed,r}	Sollecitazioni di progetto (N _{Ed} > 0: compressione).
M _{Ed,Xr}	
M _{Ed,Y}	
M _{Rd,Xr}	
M _{Rd,Y}	Momento Resistente intorno ad X e Y.
φ _{ve} , φ _{vi}	Diametri, rispettivamente, delle barre di acciaio nei vertici esterni e nei vertici interni e delle staffe; [φ _{vi}] = Significativo e valorizzato solo in caso di sezione cava.
φ _{st}	
L, n _{reg}	Per sezione del pilastro rettangolare e armata simmetricamente, lunghezza, numero di registri, numero di barre e relativo diametro per il lato 1 e 2 della sezione.
n _f , φ	Se la sezione considerata non è rettangolare e/o simmetricamente armata, tali colonne sono vuote e le informazioni riguardanti l'armatura sono riportate per ciascun lato in apposita casella di testo.

PILASTRI (CA) - VERIFICHE A TAGLIO PER PRESSOFLESSIONE DEVIATA ALLO SLU (Elevazione)

Pilastri (CA) - Verifiche a taglio per pressoflessione deviata allo SLU																	
Lv	V _{Ed,3}	V _{Ed,2}	N _{Ed}	CS	V _{Rcd}		V _{Rsd,s}		V _{Rd,f}		V _{Rd,j}		V _{Rd,s}	A _{sw}		S _{Asw}	R _f
	[N]	[N]	[N]		X	Y	X	Y	X	Y	X	Y	[N]	X	Y	[cm]	
					[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[cm²/cm]	[cm²/cm]	[cm]	
Pilastrata: Pilastrata 1																	

Pilastrini (CA) - Verifiche a taglio per pressoflessione deviata allo SLU

Lv	V _{Ed,3}	V _{Ed,2}	N _{Ed}	CS	V _{Rcd}		V _{Rsd,s}		V _{Rd,f}		V _{Rd,j}		V _{Rd,s}	A _{sw}		S _{ASW}	R _f
	[N]	[N]	[N]		X	Y	X	Y	X	Y	X	Y		X	Y		
					[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[cm ² /cm]	[cm ² /cm]	[cm]	
Piano terra	64 698	70 187	146 549	7.76	544499	576110	673054	801145	0	0	0	0	-	0.224 40	0.168 30	14	NO
Piano copertura (a)	50 351	36 106	41 884	11.1 5	530746	561559	673054	801145	0	0	0	0	-	0.224 40	0.168 30	14	NO
Piano copertura (b)	14 041	6 030	5 122	39.5 2	524461	554909	673054	801145	0	0	0	0	-	0.224 40	0.168 30	14	NO
Pilastrata: Pilastrata 2																	
Piano terra	156 765	148 581	308 483	7.34	109103 1	121771 3	144965 4	182022 4	0	0	0	0	-	0.483 32	0.181 25	13	NO
Piano copertura (a)	43 232	70 473	104 964	15.1 0	106429 4	118787 1	134610 7	169020 8	0	0	0	0	-	0.448 80	0.168 30	14	NO
Piano copertura (b)	38 088	31 813	41 911	30.8 7	105358 2	117591 6	134610 7	169020 8	0	0	0	0	-	0.448 80	0.168 30	14	NO
Pilastrata: Pilastrata 3																	
Piano terra	155 655	148 435	298 106	7.34	108966 0	121618 3	144965 4	182022 4	0	0	0	0	-	0.483 32	0.181 25	13	NO
Piano copertura (a)	43 056	73 025	105 210	14.5 7	106432 6	118790 7	134610 7	169020 8	0	0	0	0	-	0.448 80	0.168 30	14	NO
Piano copertura (b)	38 965	34 883	43 549	30.1 8	105379 9	117615 7	134610 7	169020 8	0	0	0	0	-	0.448 80	0.168 30	14	NO
Pilastrata: Pilastrata 4																	
Piano terra	156 813	146 505	299 347	7.44	108982 4	121636 6	144965 4	182022 4	0	0	0	0	-	0.483 32	0.181 25	13	NO
Piano copertura (a)	38 468	72 901	100 435	14.5 9	106369 5	118720 3	134610 7	169020 8	0	0	0	0	-	0.448 80	0.168 30	14	NO
Piano copertura (b)	37 196	26 943	42 322	31.6 2	105363 6	117597 6	134610 7	169020 8	0	0	0	0	-	0.448 80	0.168 30	14	NO
Pilastrata: Pilastrata 5																	
Piano terra	75 800	88 187	261 232	6.35	559655	592146	673054	801145	0	0	0	0	-	0.224 40	0.168 30	14	NO
Piano copertura (a)	68 972	53 802	97 062	8.25	538038	569275	673054	801145	0	0	0	0	-	0.224 40	0.168 30	14	NO
Piano copertura (b)	32 041	10 068	6 472	17.3 2	524639	555098	673054	801145	0	0	0	0	-	0.224 40	0.168 30	14	NO
Pilastrata: Pilastrata 6																	
Piano terra	86 254	88 799	301 821	6.36	565019	597822	673054	801145	0	0	0	0	-	0.224 40	0.168 30	14	NO
Piano copertura	65 106	55 605	147 261	8.85	544672	576294	673054	801145	0	0	0	0	-	0.224 40	0.168 30	14	NO
Pilastrata: Pilastrata 7																	
Piano terra	92 402	86 541	234 101	6.37	556069	588353	673054	801145	0	0	0	0	-	0.224 40	0.168 30	14	NO
Piano copertura	12 082	51 519	41 981	10.3 0	530759	561573	673054	801145	0	0	0	0	-	0.224 40	0.168 30	14	NO
Pilastrata: Pilastrata 8																	
Piano terra	99 115	75 216	226 995	5.93	555130	587359	673054	801145	0	0	0	0	-	0.224 40	0.168 30	14	NO
Piano copertura	92 315	37 135	102 774	6.18	538793	570073	673054	801145	0	0	0	0	-	0.224 40	0.168 30	14	NO
Pilastrata: Pilastrata 9																	
Piano terra	83 732	54 283	230 696	7.02	555619	587877	673054	801145	0	0	0	0	-	0.224 40	0.168 30	14	NO
Piano copertura (a)	67 681	11 509	61 179	8.34	533296	564257	673054	801145	0	0	0	0	-	0.224 40	0.168 30	14	NO
Piano copertura (b)	29 613	14 904	19 527	18.8 1	526364	556923	673054	801145	0	0	0	0	-	0.224 40	0.168 30	14	NO
Pilastrata: Pilastrata 10																	
Piano terra	30 550	44 701	186 044	8.38	374675	374675	504790	504790	0	0	0	0	-	0.168 30	0.168 30	14	NO
Pilastrata: Pilastrata 11																	
Piano terra	31 273	43 836	177 777	8.52	373582	373582	504790	504790	0	0	0	0	-	0.168 30	0.168 30	14	NO
Pilastrata: Pilastrata 12																	
Piano terra (a)	31 228	43 627	184 781	8.58	374508	374508	504790	504790	0	0	0	0	-	0.168 30	0.168 30	14	NO
Pilastrata: Pilastrata 13																	
Piano terra	38 359	51 725	341 704	7.64	395246	395246	504790	504790	0	0	0	0	-	0.168 30	0.168 30	14	NO
Piano copertura (a)	30 395	27 379	122 393	12.0 5	366316	366316	504790	504790	0	0	0	0	-	0.168 30	0.168 30	14	NO
Piano copertura	17 043	41 131	18 430	8.55	351625	351625	504790	504790	0	0	0	0	-	0.168 30	0.168 30	14	NO

Pilastri (CA) - Verifiche a taglio per pressoflessione deviata allo SLU																		
Lv	V _{Ed,3}	V _{Ed,2}	N _{Ed}	CS	V _{Rcd}		V _{Rsd,s}		V _{Rd,f}		V _{Rd,j}		V _{Rd,s}	A _{sw}		S _{Asw}	R _f	
	[N]	[N]	[N]		X	Y	X	Y	X	Y	X	Y	[N]	X	Y	[cm]		
					[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[cm ² /cm]	[cm ² /cm]	[cm]		
(b)																		
Pilastrata: Pilastrata 14																		
Piano terra	121 563	70 685	550 759	5.20	597917	632630	673054	801145	0	0	0	0	-	0.224 40	0.168 30	14	NO	
Piano copertura	53 830	21 438	305 237	11.1 2	565550	598383	673054	801145	0	0	0	0	-	0.224 40	0.168 30	14	NO	
Pilastrata: Pilastrata 15																		
Piano terra	99 367	59 990	123 062	5.76	541395	572826	673054	801145	0	0	0	0	-	0.224 40	0.168 30	14	NO	
Pilastrata: Pilastrata 16																		
Piano terra	137 224	57 188	352 576	4.41	571727	604919	673054	801145	0	0	0	0	-	0.224 40	0.168 30	14	NO	
Piano copertura	114 285	25 916	175 544	5.08	548410	580249	673054	801145	0	0	0	0	-	0.224 40	0.168 30	14	NO	
Pilastrata: Pilastrata 17																		
Piano terra	57 330	29 227	146 424	6.44	369439	369439	504790	504790	0	0	0	0	-	0.168 30	0.168 30	14	NO	
Piano copertura	42 093	7 426	80 310	8.57	360754	360754	504790	504790	0	0	0	0	-	0.168 30	0.168 30	14	NO	
Pilastrata: Pilastrata 18																		
Piano terra	86 076	51 303	230 823	6.83	555636	587894	673054	801145	0	0	0	0	-	0.224 40	0.168 30	14	NO	
Piano copertura (a)	71 123	9 205	64 836	7.94	533779	564769	673054	801145	0	0	0	0	-	0.224 40	0.168 30	14	NO	
Piano copertura (b)	30 033	16 408	20 019	18.5 5	526429	556992	673054	801145	0	0	0	0	-	0.224 40	0.168 30	14	NO	
Pilastrata: Pilastrata 19																		
Piano terra (a)	30 253	41 763	187 134	8.97	374819	374819	504790	504790	0	0	0	0	-	0.168 30	0.168 30	14	NO	
Pilastrata: Pilastrata 20																		
Piano terra	30 502	40 845	179 119	9.15	373759	373759	504790	504790	0	0	0	0	-	0.168 30	0.168 30	14	NO	
Pilastrata: Pilastrata 21																		
Piano terra	30 485	41 021	183 880	9.13	374389	374389	504790	504790	0	0	0	0	-	0.168 30	0.168 30	14	NO	
Pilastrata: Pilastrata 22																		
Piano terra	39 529	48 821	330 332	8.07	393743	393743	504790	504790	0	0	0	0	-	0.168 30	0.168 30	14	NO	
Piano copertura (a)	32 548	26 471	123 119	11.2 6	366412	366412	504790	504790	0	0	0	0	-	0.168 30	0.168 30	14	NO	
Piano copertura (b)	19 768	41 923	20 528	8.39	351902	351902	504790	504790	0	0	0	0	-	0.168 30	0.168 30	14	NO	
Pilastrata: Pilastrata 23																		
Piano terra (a)	128 710	64 421	486 188	4.85	589384	623601	673054	801145	0	0	0	0	-	0.224 40	0.168 30	14	NO	
Piano copertura (a)	68 038	26 328	221 756	8.62	554517	586710	673054	801145	0	0	0	0	-	0.224 40	0.168 30	14	NO	
Pilastrata: Pilastrata 24																		
Piano terra	47 980	53 435	172 927	10.2 6	547985	579799	673054	801145	0	0	0	0	-	0.224 40	0.168 30	14	NO	
Piano copertura	6 781	26 910	103 984	20.0 3	538953	570243	673054	801145	0	0	0	0	-	0.224 40	0.168 30	14	NO	
Pilastrata: Pilastrata 25																		
Piano terra	143 644	57 002	255 665	4.12	558919	591368	673054	801145	0	0	0	0	-	0.224 40	0.168 30	14	NO	
Piano copertura	100 156	19 002	85 544	5.67	536516	567664	673054	801145	0	0	0	0	-	0.224 40	0.168 30	14	NO	
Pilastrata: Pilastrata 26																		
Piano terra	72 730	59 233	160 068	7.95	546286	578001	673054	801145	0	0	0	0	-	0.224 40	0.168 30	14	NO	
Piano copertura (a)	60 975	30 167	32 492	9.19	529505	560246	673054	801145	0	0	0	0	-	0.224 40	0.168 30	14	NO	
Piano copertura (b)	22 836	7 667	5 421	24.3 0	524500	554951	673054	801145	0	0	0	0	-	0.224 40	0.168 30	14	NO	
Pilastrata: Pilastrata 27																		
Piano terra	219 399	129 807	362 925	5.59	109822 6	122574 3	144965 4	182022 4	0	0	0	0	-	0.483 32	0.181 25	13	NO	
Piano copertura (a)	80 435	58 209	156 147	14.8 6	107105 8	119542 1	134610 7	169020 8	0	0	0	0	-	0.448 80	0.168 30	14	NO	
Piano copertura (b)	87 699	28 504	54 077	13.4 3	105534 9	117788 7	134610 7	169020 8	0	0	0	0	-	0.448 80	0.168 30	14	NO	
Pilastrata: Pilastrata 28																		
Piano terra	213 462	131 346	391 969	5.76	110206 4	123002 7	144965 4	182022 4	0	0	0	0	-	0.483 32	0.181 25	13	NO	
Piano copertura	47 331	62 637	165 792	17.1 2	107233 2	119684 3	134610 7	169020 8	0	0	0	0	-	0.448 80	0.168 30	14	NO	

Pilastri (CA) - Verifiche a taglio per pressoflessione deviata allo SLU

Lv	V _{Ed,3}	V _{Ed,2}	N _{Ed}	CS	V _{Rcd}		V _{Rsd,s}		V _{Rd,f}		V _{Rd,j}		V _{Rd,s}	A _{sw}		S _{ASw}	R _f
	[N]	[N]	[N]		X	Y	X	Y	X	Y	X	Y		X	Y		
					[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[cm²/cm]	[cm²/cm]	[cm]	
(a) Piano copertura (b)	62 332	38 556	53 289	18.8 9	105492 7	117741 7	134610 7	169020 8	0	0	0	0	-	0.448 80	0.168 30	14	NO
Pilastrata: Pilastrata 29																	
Piano terra	220 691	133 845	445 529	5.61	110914 3	123792 8	144965 4	182022 4	0	0	0	0	-	0.483 32	0.181 25	13	NO
Piano copertura (a)	48 948	62 907	198 258	17.1 1	107662 3	120163 2	134610 7	169020 8	0	0	0	0	-	0.448 80	0.168 30	14	NO
Piano copertura (b)	86 262	31 345	55 796	13.6 6	105589 3	117849 5	134610 7	169020 8	0	0	0	0	-	0.448 80	0.168 30	14	NO
Pilastrata: Pilastrata 30																	
Piano terra	41 817	56 253	408 099	7.18	404020	404020	504790	504790	0	0	0	0	-	0.168 30	0.168 30	14	NO
Piano copertura (a)	42 737	35 206	155 967	8.68	370753	370753	504790	504790	0	0	0	0	-	0.168 30	0.168 30	14	NO
Piano copertura (b)	23 106	2 803	5 494	15.1 4	349915	349915	504790	504790	0	0	0	0	-	0.168 30	0.168 30	14	NO
Pilastrata: Pilastrata 31																	
Piano terra	45 508	53 774	548 311	7.87	422963	422963	707398	707398	0	0	0	0	-	0.235 62	0.235 62	10	NO
Piano copertura	37 384	47 374	238 850	8.07	382079	382079	707398	707398	0	0	0	0	-	0.235 62	0.235 62	10	NO
Pilastrata: Pilastrata 32																	
Piano terra	129 714	59 614	400 517	4.72	578062	611622	673054	801145	0	0	0	0	-	0.224 40	0.168 30	14	NO
Piano copertura	95 054	68 486	128 822	6.04	542236	573716	673054	801145	0	0	0	0	-	0.224 40	0.168 30	14	NO
Pilastrata: Pilastrata 33																	
Piano terra	105 500	34 279	64 384	5.35	533640	564622	673054	801145	0	0	0	0	-	0.224 40	0.168 30	14	NO
Piano copertura	52 270	25 628	31 335	10.7 2	529352	560084	673054	801145	0	0	0	0	-	0.224 40	0.168 30	14	NO
Pilastrata: Pilastrata 34																	
Piano terra (a)	130 901	37 472	153 610	4.41	545432	577098	673054	801145	0	0	0	0	-	0.224 40	0.168 30	14	NO
Piano copertura (a)	67 448	28 268	43 784	8.33	530997	561825	673054	801145	0	0	0	0	-	0.224 40	0.168 30	14	NO
Pilastrata: Pilastrata 35																	
Piano terra	136 668	36 037	211 368	4.28	553065	585174	673054	801145	0	0	0	0	-	0.224 40	0.168 30	14	NO
Piano copertura	70 038	27 236	70 347	8.07	534508	565539	673054	801145	0	0	0	0	-	0.224 40	0.168 30	14	NO
Pilastrata: Pilastrata 36																	
Piano terra	140 056	37 240	263 346	4.23	559934	592442	673054	801145	0	0	0	0	-	0.224 40	0.168 30	14	NO
Piano copertura	72 463	39 958	93 580	7.85	537578	568788	673054	801145	0	0	0	0	-	0.224 40	0.168 30	14	NO
Pilastrata: Pilastrata 37																	
Piano terra	47 582	42 261	355 640	8.35	397088	397088	504790	504790	0	0	0	0	-	0.168 30	0.168 30	14	NO
Piano copertura	35 582	47 445	147 199	7.79	369594	369594	504790	504790	0	0	0	0	-	0.168 30	0.168 30	14	NO
Pilastrata: Pilastrata 38																	
Piano terra	132 778	51 656	318 265	4.52	567192	600121	673054	801145	0	0	0	0	-	0.224 40	0.168 30	14	NO
Piano copertura	86 666	68 797	121 958	6.61	541328	572756	673054	801145	0	0	0	0	-	0.224 40	0.168 30	14	NO
Pilastrata: Pilastrata 39																	
Piano terra	135 645	58 625	287 749	4.39	563159	595854	673054	801145	0	0	0	0	-	0.224 40	0.168 30	14	NO
Piano copertura	75 866	65 004	109 409	7.53	539670	571001	673054	801145	0	0	0	0	-	0.224 40	0.168 30	14	NO
Pilastrata: Pilastrata 40																	
Piano terra	129 623	58 715	190 710	4.49	550335	582285	673054	801145	0	0	0	0	-	0.224 40	0.168 30	14	NO
Piano copertura	79 941	40 941	70 465	7.07	534523	565556	673054	801145	0	0	0	0	-	0.224 40	0.168 30	14	NO
Pilastrata: Pilastrata 41																	
Piano terra	100 372	64 827	152 788	5.75	545324	576983	673054	801145	0	0	0	0	-	0.224 40	0.168 30	14	NO
Piano copertura	60 686	45 372	51 614	9.28	532032	562920	673054	801145	0	0	0	0	-	0.224 40	0.168 30	14	NO

LEGENDA:

Lv Livello o piano di appartenenza dell'elemento strutturale.

V_{Ed,3} Taglio di progetto in direzione 3.

V_{Ed,2} Taglio di progetto in direzione 2.

N_{Ed} Sforzo normale sollecitante di progetto

CS Coefficiente di sicurezza ([NS] = Non Significativo se CS ≥ 100; [VNR]= Verifica Non Richiesta; Informazioni aggiuntive sulla condizione: [V] = statica; [E] =

Pilastri (CA) - Verifiche pressoflessione deviata allo SLD																				
Lv	N _{Ed}	M _{Ed,X}	M _{Ed,Y}	CS	M _{Rd,X}	M _{Rd,Y}	N _{Ed,max}	N _R	α	ϕ _{Ve}	ϕ _{Vi}	ϕ _w	Lato 1				Lato 2			
													L	n _{re} g	n _f	ϕ	L	n _{re} g	n _f	ϕ
	[N]	[N·m]	[N·m]		[N·m]	[N·m]	[N]	[N]		[m m]	[m m]	[m m]	[cm]			[m m]	[cm]			[m m]
<div>M_{Ed,X} M_{Ed,Y} M_{Rd,X} M_{Rd,Y} ϕ_{Ve}, ϕ_{Vi} ϕ_{St} L, n_{reg} n_f, ϕ</div> <div>Momento Resistente intorno ad X e Y. Diametri, rispettivamente, delle barre di acciaio nei vertici esterni e nei vertici interni e delle staffe; [ϕ_{Vi}] = Significativo e valorizzato solo in caso di sezione cava. Per sezione del pilastro rettangolare e armata simmetricamente, lunghezza, numero di registri, numero di barre e relativo diametro per il lato 1 e 2 della sezione. Se la sezione considerata non è rettangolare e/o simmetricamente armata, tali colonne sono vuote e le informazioni riguardanti l'armatura sono riportate per ciascun lato in apposita casella di testo.</div>																				

PILASTRI (CA) - VERIFICHE A TAGLIO PER PRESSOFLESSIONE DEVIATA ALLO SLD (Elevazione)

Pilastri (CA) - Verifiche a taglio per pressoflessione deviata allo SLD																	
Lv	V _{Ed,3}	V _{Ed,2}	N _{Ed}	CS	V _{Rcd}		V _{Rsd,s}		V _{Rd,f}		V _{Rd,j}		V _{Rd,s}	A _{sw}		S _{Asw}	
	[N]	[N]	[N]		X	Y	X	Y	X	Y	X	Y	[N]	X	Y	[cm]	
	[N]	[N]	[N]		[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[cm²/cm]	[cm²/cm]	[cm]	
Pilastrata: Pilastrata 1																	
Piano terra	47 445	48 137	146 549	7.82	81674 9	86416 6	37625 5	597148	0	0	0	0	-	0.22440	0.16830	14	
Piano copertura (a)	38 679	26 448	41 884	14.23	79611 9	84233 9	37625 5	597148	0	0	0	0	-	0.22440	0.16830	14	
Piano copertura (b)	13 164	4 956	5 122	45.36	78669 1	83236 3	37625 5	597148	0	0	0	0	-	0.22440	0.16830	14	
Pilastrata: Pilastrata 2																	
Piano terra	110 656	102 234	308 483	3.68	16365 47	18265 70	37625 5	125982 8	0	0	0	0	-	0.48332	0.18125	13	
Piano copertura (a)	43 232	49 807	104 964	7.55	15964 41	17818 07	37625 5	125982 8	0	0	0	0	-	0.44880	0.16830	14	
Piano copertura (b)	38 088	25 702	41 911	14.64	15803 73	17638 74	37625 5	125982 8	0	0	0	0	-	0.44880	0.16830	14	
Pilastrata: Pilastrata 3																	
Piano terra	107 835	101 772	298 106	3.70	16344 90	18242 74	37625 5	125982 8	0	0	0	0	-	0.48332	0.18125	13	
Piano copertura (a)	43 056	50 839	105 210	7.40	15964 89	17818 61	37625 5	125982 8	0	0	0	0	-	0.44880	0.16830	14	
Piano copertura (b)	38 965	28 048	43 549	13.41	15806 98	17642 36	37625 5	125982 8	0	0	0	0	-	0.44880	0.16830	14	
Pilastrata: Pilastrata 4																	
Piano terra	106 148	100 526	299 347	3.74	16347 36	18245 49	37625 5	125982 8	0	0	0	0	-	0.48332	0.18125	13	
Piano copertura (a)	38 468	50 251	100 435	7.49	15955 43	17808 05	37625 5	125982 8	0	0	0	0	-	0.44880	0.16830	14	
Piano copertura (b)	37 196	22 334	42 322	16.85	15804 55	17639 65	37625 5	125982 8	0	0	0	0	-	0.44880	0.16830	14	
Pilastrata: Pilastrata 5																	
Piano terra	53 351	60 396	261 232	6.23	83948 2	88822 0	37625 5	597148	0	0	0	0	-	0.22440	0.16830	14	
Piano copertura (a)	54 176	38 537	97 062	9.76	80705 7	85391 2	37625 5	597148	0	0	0	0	-	0.22440	0.16830	14	
Piano copertura (b)	31 162	9 068	6 472	19.16	78695 9	83264 6	37625 5	597148	0	0	0	0	-	0.22440	0.16830	14	
Pilastrata: Pilastrata 6																	
Piano terra	60 513	61 260	301 821	6.14	84752 8	89673 3	37625 5	597148	0	0	0	0	-	0.22440	0.16830	14	
Piano copertura	56 449	39 907	147 261	9.43	81700 9	86444 1	37625 5	597148	0	0	0	0	-	0.22440	0.16830	14	
Pilastrata: Pilastrata 7																	
Piano terra	71 691	59 291	234 101	6.35	83410 4	88252 9	37625 5	597148	0	0	0	0	-	0.22440	0.16830	14	
Piano copertura	12 082	36 182	41 981	10.40	79613 9	84235 9	37625 5	597148	0	0	0	0	-	0.22440	0.16830	14	
Pilastrata: Pilastrata 8																	
Piano terra	71 004	52 771	226 995	7.13	83269 6	88103 9	37625 5	597148	0	0	0	0	-	0.22440	0.16830	14	
Piano copertura	75 289	26 373	102 774	7.93	80819 0	85511 0	37625 5	597148	0	0	0	0	-	0.22440	0.16830	14	
Pilastrata: Pilastrata 9																	
Piano terra	59 988	37 704	230 696	9.95	83342 9	88181 5	37625 5	597148	0	0	0	0	-	0.22440	0.16830	14	
Piano copertura	48 959	11 509	61 179	12.20	79994 4	84638 6	37625 5	597148	0	0	0	0	-	0.22440	0.16830	14	

Pilastrati (CA) - Verifiche a taglio per pressoflessione deviata allo SLD																
Lv	V _{Ed,3}	V _{Ed,2}	N _{Ed}	CS	V _{Rcd}		V _{Rsd,s}		V _{Rd,f}		V _{Rd,j}		V _{Rd,s}	A _{sw}		S _{Asw}
	[N]	[N]	[N]		X	Y	X	Y	X	Y	X	Y	[N]	X	Y	[cm]
					[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[cm²/cm]	[cm²/cm]	[cm]
(a) Piano copertura (b)	25 286	14 904	19 527	23.62	78954 7	83538 5	37625 5	597148	0	0	0	0	-	0.22440	0.16830	14
Pilastrata: Pilastrata 10																
Piano terra	22 402	30 914	186 044	12.17	56201 2	56201 2	37625 5	376255	0	0	0	0	-	0.16830	0.16830	14
Pilastrata: Pilastrata 11																
Piano terra	22 603	29 853	177 777	12.60	56037 3	56037 3	37625 5	376255	0	0	0	0	-	0.16830	0.16830	14
Pilastrata: Pilastrata 12																
Piano terra (a)	22 038	29 697	184 781	12.67	56176 1	56176 1	37625 5	376255	0	0	0	0	-	0.16830	0.16830	14
Pilastrata: Pilastrata 13																
Piano terra	25 922	35 468	341 704	10.61	59286 9	59286 9	37625 5	376255	0	0	0	0	-	0.16830	0.16830	14
Piano copertura (a)	20 620	25 751	122 393	14.61	54947 3	54947 3	37625 5	376255	0	0	0	0	-	0.16830	0.16830	14
Piano copertura (b)	14 988	32 450	18 430	11.59	52743 7	52743 7	37625 5	376255	0	0	0	0	-	0.16830	0.16830	14
Pilastrata: Pilastrata 14																
Piano terra	84 405	49 211	550 759	7.07	89687 6	94894 5	37625 5	597148	0	0	0	0	-	0.22440	0.16830	14
Piano copertura	37 333	14 777	305 237	16.00	84832 5	89757 5	37625 5	597148	0	0	0	0	-	0.22440	0.16830	14
Pilastrata: Pilastrata 15																
Piano terra	78 317	40 902	123 062	7.62	81209 3	85924 0	37625 5	597148	0	0	0	0	-	0.22440	0.16830	14
Pilastrata: Pilastrata 16																
Piano terra	97 279	41 020	352 576	6.14	85759 0	90737 8	37625 5	597148	0	0	0	0	-	0.22440	0.16830	14
Piano copertura	86 079	24 647	175 544	6.94	82261 5	87037 3	37625 5	597148	0	0	0	0	-	0.22440	0.16830	14
Pilastrata: Pilastrata 17																
Piano terra	41 287	20 566	146 424	9.11	55415 8	55415 8	37625 5	376255	0	0	0	0	-	0.16830	0.16830	14
Piano copertura	30 520	7 251	80 310	12.33	54113 1	54113 1	37625 5	376255	0	0	0	0	-	0.16830	0.16830	14
Pilastrata: Pilastrata 18																
Piano terra	61 910	35 398	230 823	9.65	83345 4	88184 1	37625 5	597148	0	0	0	0	-	0.22440	0.16830	14
Piano copertura (a)	51 103	9 205	64 836	11.69	80066 9	84715 3	37625 5	597148	0	0	0	0	-	0.22440	0.16830	14
Piano copertura (b)	25 637	16 408	20 019	22.93	78964 4	83548 8	37625 5	597148	0	0	0	0	-	0.22440	0.16830	14
Pilastrata: Pilastrata 19																
Piano terra (a)	21 854	28 533	187 134	13.19	56222 8	56222 8	37625 5	376255	0	0	0	0	-	0.16830	0.16830	14
Pilastrata: Pilastrata 20																
Piano terra	21 602	27 429	179 119	13.72	56063 9	56063 9	37625 5	376255	0	0	0	0	-	0.16830	0.16830	14
Pilastrata: Pilastrata 21																
Piano terra	21 105	27 626	183 880	13.62	56158 3	56158 3	37625 5	376255	0	0	0	0	-	0.16830	0.16830	14
Pilastrata: Pilastrata 22																
Piano terra	26 700	33 051	330 332	11.38	59061 4	59061 4	37625 5	376255	0	0	0	0	-	0.16830	0.16830	14
Piano copertura (a)	22 253	24 758	123 119	15.20	54961 7	54961 7	37625 5	376255	0	0	0	0	-	0.16830	0.16830	14
Piano copertura (b)	17 523	33 068	20 528	11.38	52785 3	52785 3	37625 5	376255	0	0	0	0	-	0.16830	0.16830	14
Pilastrata: Pilastrata 23																
Piano terra (a)	91 274	43 950	486 188	6.54	88407 6	93540 2	37625 5	597148	0	0	0	0	-	0.22440	0.16830	14
Piano copertura (a)	51 429	19 332	221 756	11.61	83177 6	88006 6	37625 5	597148	0	0	0	0	-	0.22440	0.16830	14
Pilastrata: Pilastrata 24																
Piano terra	33 449	35 903	172 927	10.48	82197 7	86969 8	37625 5	597148	0	0	0	0	-	0.22440	0.16830	14
Piano copertura	4 708	18 952	103 984	19.85	80843 0	85536 4	37625 5	597148	0	0	0	0	-	0.22440	0.16830	14
Pilastrata: Pilastrata 25																
Piano terra	102 984	40 256	255 665	5.80	83837 9	88705 2	37625 5	597148	0	0	0	0	-	0.22440	0.16830	14
Piano copertura	72 821	14 102	85 544	8.20	80477 4	85149 6	37625 5	597148	0	0	0	0	-	0.22440	0.16830	14
Pilastrata: Pilastrata 26																
Piano terra	52 500	39 900	160 068	9.43	81942	86700	37625	597148	0	0	0	0	-	0.22440	0.16830	14

Pilastri (CA) - Verifiche a taglio per pressoflessione deviata allo SLD																
Lv	V _{Ed,3}	V _{Ed,2}	N _{Ed}	CS	V _{Rcd}		V _{Rsd,s}		V _{Rd,f}		V _{Rd,j}		V _{Rd,s}	A _{sw}		S _{Asw}
	[N]	[N]	[N]		X	Y	X	Y	X	Y	X	Y	[N]	X	Y	[cm]
					[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[cm²/cm]	[cm²/cm]	[cm]
Piano terra	92 697	44 071	287 749	6.44	84473 9	89378 1	37625 5	597148	0	0	0	0	-	0.22440	0.16830	14
Piano copertura	54 171	59 747	109 409	6.30	80950 5	85650 2	37625 5	597148	0	0	0	0	-	0.22440	0.16830	14
Pilastrata: Pilastrata 40																
Piano terra	89 068	41 047	190 710	6.70	82550 3	87342 8	37625 5	597148	0	0	0	0	-	0.22440	0.16830	14
Piano copertura	60 250	31 237	70 465	9.91	80178 5	84833 4	37625 5	597148	0	0	0	0	-	0.22440	0.16830	14
Pilastrata: Pilastrata 41																
Piano terra	70 446	46 158	152 788	8.15	81798 5	86547 4	37625 5	597148	0	0	0	0	-	0.22440	0.16830	14
Piano copertura	44 601	37 037	51 614	10.16	79804 8	84438 0	37625 5	597148	0	0	0	0	-	0.22440	0.16830	14

LEGENDA:

- Lv

V_{Ed,3}

V_{Ed,2}

N_{Ed}

CS

V_{Rcd}

V_{Rsd,s}

V_{Rd,f}

V_{Rd,j}

V_{Rd,s}

A_{sw}

S_{Asw}
- Livello o piano di appartenenza dell'elemento strutturale.

Taglio di progetto in direzione 3.

Taglio di progetto in direzione 2.

Sforzo normale sollecitante di progetto

Coefficiente di sicurezza ([NS] = Non Significativo se CS ≥ 100; [VNR]= Verifica Non Richiesta; Informazioni aggiuntive sulla condizione: [V] = statica; [E] = eccezionale; [S] = sismica; [N] = sismica non lineare).

Resistenza a taglio compressione del calcestruzzo.

Resistenza a taglio trazione delle staffe.

Resistenza a taglio dovuta al rinforzo FRP.

Contributo acciaio al Taglio ultimo dovuto all'incamiciatura in acciaio.

Resistenza a taglio per scorrimento.

Area delle staffe per unità di lunghezza.

Passo massimo staffe da normativa.

PILASTRI - VERIFICHE DELLE TENSIONI DI ESERCIZIO (Elevazione)

Pilastri - verifiche delle tensioni di esercizio																
Lv Tp _{mf}	Compressione calcestruzzo								Trazione acciaio							
	Compressione calcestruzzo rinforzo								Trazione acciaio/FRP rinforzo							
	Id _{Cmb}	σ _{cc}	σ _{cd,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato	Id _{Cmb}	σ _{at}	σ _{td,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato
		[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]				[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]		
Pilastrata: Pilastrata 1																
Piano terra																
	RAR	1.700	17.43	188 353	-22 399	4 650	10.25	SI	RAR	2.064	360.00	181 484	-21 670	4 989	NS	SI
	QPR	1.426	13.07	173 595	-17 272	3 826	9.17	SI								
Piano copertura																
	RAR	1.649	17.43	69 766	26 335	-9 194	10.56	SI	RAR	12.37 9	360.00	69 766	26 335	-9 194	29.08	SI
	QPR	1.474	13.07	68 079	22 788	-8 315	8.86	SI								
Piano copertura																
	RAR	0.382	17.43	20 367	-1 058	-5 171	45.66	SI	RAR	2.218	360.00	20 367	-1 058	-5 171	NS	SI
	QPR	0.266	13.07	18 235	-628	-3 409	49.05	SI								
Pilastrata: Pilastrata 2																
Piano terra																
	RAR	1.487	17.43	421 824	-78 399	1 386	11.72	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	1.260	13.07	409 514	-50 494	2 910	10.37	SI								
Piano copertura																
	RAR	1.186	17.43	179 837	73 536	8 292	14.70	SI	RAR	6.079	360.00	179 837	73 536	8 292	59.22	SI
	QPR	0.910	13.07	156 365	52 155	6 519	14.36	SI								
Piano copertura																
	RAR	1.006	17.43	69 615	-100 01 6	-149	17.32	SI	RAR	9.977	360.00	69 615	-100 01 6	-149	36.08	SI
	QPR	0.677	13.07	46 095	-63 795	-1 344	19.30	SI								
Pilastrata: Pilastrata 3																
Piano terra																
	RAR	1.459	17.43	412 272	-79 023	762	11.95	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	1.199	13.07	399 864	-48 535	1 921	10.90	SI								
Piano copertura																
	RAR	1.088	17.43	183 071	72 369	4 709	16.02	SI	RAR	4.873	360.00	183 071	72 369	4 709	73.87	SI
	QPR	0.767	13.07	156 802	47 543	2 557	17.04	SI								
Piano copertura																
	RAR	1.149	17.43	74 010	-101 93 1	-4 694	15.16	SI	RAR	11.32 7	360.00	74 010	-101 93 1	-4 694	31.78	SI
	QPR	0.744	13.07	48 185	-64 784	-3 422	17.57	SI								
Pilastrata: Pilastrata 4																
Piano terra																
	RAR	1.529	17.43	413 280	-86 092	1 038	11.39	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	1.250	13.07	401 478	-51 856	2 644	10.45	SI								
Piano copertura																
	RAR	0.867	17.43	175 242	56 477	2 125	20.09	SI	RAR	2.500	360.00	175 242	56 477	2 125	NS	SI
	QPR	0.597	13.07	152 320	36 224	143	21.90	SI								
Piano copertura																
	RAR	1.196	17.43	70 537	-98 647	-7 824	14.57	SI	RAR	11.88 9	360.00	70 537	-98 647	-7 824	30.28	SI
	QPR	0.740	13.07	46 644	-61 788	-4 390	17.66	SI								
Pilastrata: Pilastrata 5																
Piano terra																
	RAR	2.655	17.43	358 690	-35 593	-2 446	6.56	SI	RAR	0.000	360.00	0	0	0	-	SI

Lv	IdCmb	N _{Ed}	M _{Ed,3}	M _{Ed,2}	σ _{ct,f}	σ _t	ε _{sm}	A _e	Δ _{sm}	W _d	W _{amm}	CS	Verificato
		[N]	[N·m]	[N·m]	[N/mm ²]	[N/mm ²]		[cm ²]	[mm]	[mm]	[mm]		
-	FRQ	49 138	-68 413	-1 164	0.54	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	46 095	-63 795	-1 344	0.51	2.36	0 E-01	0	0	0.000	0.300	-	SI
Pilastrata: Pilastrata 3													
Piano terra				AA= PCA									
-	FRQ	399 348	-54 533	1 593	-0.20	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	399 864	-48 535	1 921	-0.25	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura				AA= PCA									
-	FRQ	156 867	48 682	2 994	0.22	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	156 802	47 543	2 557	0.20	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura				AA= PCA									
-	FRQ	51 514	-69 497	-3 520	0.61	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	48 185	-64 784	-3 422	0.57	2.36	0 E-01	0	0	0.000	0.300	-	SI
Pilastrata: Pilastrata 4													
Piano terra				AA= PCA									
-	FRQ	401 013	-58 528	2 239	-0.16	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	401 478	-51 856	2 644	-0.20	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura				AA= PCA									
-	FRQ	152 330	37 248	591	0.07	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	152 320	36 224	143	0.05	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura				AA= PCA									
-	FRQ	49 716	-66 458	-4 757	0.62	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	46 644	-61 788	-4 390	0.57	2.36	0 E-01	0	0	0.000	0.300	-	SI
Pilastrata: Pilastrata 5													
Piano terra				AA= PCA									
-	FRQ	323 302	-26 315	-895	-0.20	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	322 060	-24 756	-152	-0.29	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura				AA= PCA									
-	FRQ	132 072	36 477	-5 426	1.08	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	131 846	34 894	-5 390	1.02	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura				AA= PCA									
-	FRQ	19 786	-7 559	-9 556	0.69	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	19 739	-7 181	-9 044	0.65	2.36	0 E-01	0	0	0.000	0.300	-	SI
Pilastrata: Pilastrata 6													
Piano terra				AA= PCA									
-	FRQ	370 409	-22 285	-3 383	-0.38	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	369 436	-21 157	-2 690	-0.45	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura				AA= PCA									
-	FRQ	170 635	-61 601	-10 422	2.08	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	166 360	-58 930	-10 410	2.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
Pilastrata: Pilastrata 7													
Piano terra				AA= PCA									
-	FRQ	296 373	-63 165	209	1.14	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	289 987	-60 028	220	1.06	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura				AA= PCA									
-	FRQ	69 469	17 234	-3 573	0.54	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	69 444	16 381	-3 401	0.50	2.36	0 E-01	0	0	0.000	0.300	-	SI
Pilastrata: Pilastrata 8													
Piano terra				AA= PCA									
-	FRQ	268 660	-19 452	1 747	-0.20	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	268 056	-18 602	1 469	-0.24	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura				AA= PCA									
-	FRQ	120 704	-62 075	-2 590	1.86	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	116 289	-59 576	-2 744	1.80	2.36	0 E-01	0	0	0.000	0.300	-	SI
Pilastrata: Pilastrata 9													
Piano terra				AA= PCA									
-	FRQ	279 260	3 067	11 166	-0.31	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	279 127	1 728	11 378	-0.35	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura				AA= PCA									
-	FRQ	87 511	-2 105	9 389	0.25	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	87 510	-2 854	7 900	0.20	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura				AA= PCA									
-	FRQ	35 226	1 740	12 850	0.61	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	33 910	1 727	11 872	0.56	2.36	0 E-01	0	0	0.000	0.300	-	SI
Pilastrata: Pilastrata 10													
Piano terra				AA= PCA									
-	FRQ	269 579	-8 710	-4 690	-0.38	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	269 727	-7 999	-3 975	-0.49	2.36	0 E-01	0	0	0.000	0.300	-	SI
Pilastrata: Pilastrata 11													
Piano terra				AA= PCA									
-	FRQ	260 783	-9 632	-1 407	-0.52	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	261 235	-8 838	-846	-0.62	2.36	0 E-01	0	0	0.000	0.300	-	SI
Pilastrata: Pilastrata 12													
Piano terra				AA= PCA									
-	FRQ	269 118	-9 137	1 692	-0.58	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	269 566	-8 244	1 324	-0.68	2.36	0 E-01	0	0	0.000	0.300	-	SI
Pilastrata: Pilastrata 13													
Piano terra				AA= PCA									
-	FRQ	444 596	1 745	-2 484	-2.01	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	444 102	496	-2 635	-2.09	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura				AA= PCA									
-	FRQ	145 975	-1 125	31 174	1.73	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	141 091	-1 048	29 308	1.60	2.36	0 E-01	0	0	0.000	0.300	-	SI

Lv	IdCmb	N _{Ed}	M _{Ed,3}	M _{Ed,2}	σ _{ct,f}	σ _t	ε _{sm}	A _e	Δ _{sm}	W _d	W _{amm}	CS	Verificato
		[N]	[N-m]	[N-m]	[N/mm ²]	[N/mm ²]		[cm ²]	[mm]	[mm]	[mm]		
Piano copertura				AA= PCA									
-	FRQ	30 342	-1 143	-20 289	1.50	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	29 029	-1 141	-18 961	1.40	2.36	0 E-01	0	0	0.000	0.300	-	SI
Pilastrata: Pilastrata 14													
Piano terra				AA= PCA									
-	FRQ	673 468	-7 351	-7 896	-1.75	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	673 448	-5 400	-7 297	-1.85	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura				AA= PCA									
-	FRQ	369 661	-3 824	-1 258	-1.13	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	369 733	-2 877	-1 316	-1.16	2.36	0 E-01	0	0	0.000	0.300	-	SI
Pilastrata: Pilastrata 15													
Piano terra				AA= PCA									
-	FRQ	178 792	77 883	-975	2.12	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	172 815	74 372	-962	2.02	2.36	0 E-01	0	0	0.000	0.300	-	SI
Pilastrata: Pilastrata 16													
Piano terra				AA= PCA									
-	FRQ	432 992	5 048	-15 576	-0.56	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	432 850	3 470	-15 202	-0.64	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura				AA= PCA									
-	FRQ	208 612	32 393	-36 197	2.28	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	200 229	32 113	-34 909	2.23	2.36	0 E-01	0	0	0.000	0.300	-	SI
Pilastrata: Pilastrata 17													
Piano terra				AA= PCA									
-	FRQ	184 594	-4 136	-5 234	-0.24	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	185 026	-4 457	-4 565	-0.27	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura				AA= PCA									
-	FRQ	92 851	3 919	-9 612	0.56	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	92 901	3 519	-9 611	0.53	2.36	0 E-01	0	0	0.000	0.300	-	SI
Pilastrata: Pilastrata 18													
Piano terra				AA= PCA									
-	FRQ	278 133	-3 461	11 191	-0.29	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	278 462	-2 029	11 159	-0.34	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura				AA= PCA									
-	FRQ	67 268	-2 001	7 596	0.23	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	67 199	-1 316	7 027	0.17	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura				AA= PCA									
-	FRQ	35 746	1 855	14 638	0.70	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	34 407	1 807	13 553	0.65	2.36	0 E-01	0	0	0.000	0.300	-	SI
Pilastrata: Pilastrata 19													
Piano terra				AA= PCA									
-	FRQ	270 395	6 703	-3 455	-0.63	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	270 783	6 054	-3 558	-0.68	2.36	0 E-01	0	0	0.000	0.300	-	SI
Pilastrata: Pilastrata 20													
Piano terra				AA= PCA									
-	FRQ	261 722	7 136	-309	-0.80	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	262 120	6 376	-363	-0.86	2.36	0 E-01	0	0	0.000	0.300	-	SI
Pilastrata: Pilastrata 21													
Piano terra				AA= PCA									
-	FRQ	268 148	6 987	1 329	-0.76	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	268 621	6 125	1 292	-0.84	2.36	0 E-01	0	0	0.000	0.300	-	SI
Pilastrata: Pilastrata 22													
Piano terra				AA= PCA									
-	FRQ	427 289	1 557	-2 664	-1.92	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	427 312	412	-2 741	-2.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura				AA= PCA									
-	FRQ	141 665	1 904	29 967	1.72	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	137 723	1 834	28 179	1.60	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura				AA= PCA									
-	FRQ	32 235	-5 500	-22 877	2.02	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	30 876	-5 434	-21 465	1.92	2.36	0 E-01	0	0	0.000	0.300	-	SI
Pilastrata: Pilastrata 23													
Piano terra				AA= PCA									
-	FRQ	590 557	-21 684	-5 229	-1.09	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	590 710	-19 874	-4 428	-1.20	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura				AA= PCA									
-	FRQ	258 491	42 942	-11 912	1.19	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	254 468	41 044	-12 032	1.14	2.36	0 E-01	0	0	0.000	0.300	-	SI
Pilastrata: Pilastrata 24													
Piano terra				AA= PCA									
-	FRQ	194 513	-1 297	-2 438	-0.53	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	194 672	-1 286	-1 575	-0.57	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura				AA= PCA									
-	FRQ	119 810	4 117	5 342	-0.01	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	119 835	4 187	4 919	-0.03	2.36	0 E-01	0	0	0.000	0.300	-	SI
Pilastrata: Pilastrata 25													
Piano terra				AA= PCA									
-	FRQ	293 502	-20 960	6 927	0.04	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	294 118	-19 963	6 528	-0.02	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura				AA= PCA									
-	FRQ	98 144	-5 734	-11 605	0.46	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	96 654	-5 123	-10 739	0.39	2.36	0 E-01	0	0	0.000	0.300	-	SI
Pilastrata: Pilastrata 26													

Lv	IdCmb	N _{Ed}	M _{Ed,3}	M _{Ed,2}	σ _{ct,f}	σ _t	ε _{sm}	A _e	Δ _{sm}	W _d	W _{amm}	CS	Verificato
		[N]	[N-m]	[N-m]	[N/mm ²]	[N/mm ²]		[cm ²]	[mm]	[mm]	[mm]		
Piano terra													
-	FRQ	193 352	9 785	3 697	-0.16	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	194 036	8 599	3 719	-0.20	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura													
-	FRQ	62 625	-16 014	-8 961	0.80	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	63 022	-15 476	-8 728	0.77	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura													
-	FRQ	18 594	-2 651	-5 123	0.29	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	18 608	-2 480	-5 039	0.28	2.36	0 E-01	0	0	0.000	0.300	-	SI
Pilastrata: Pilastrata 27													
Piano terra													
-	FRQ	502 897	40 110	5 346	-0.42	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	500 771	33 294	3 325	-0.53	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura													
-	FRQ	180 837	48 159	120	0.10	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	175 534	43 127	100	0.06	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura													
-	FRQ	63 642	156 507	-5 154	1.39	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	59 665	146 317	-4 941	1.30	2.36	0 E-01	0	0	0.000	0.300	-	SI
Pilastrata: Pilastrata 28													
Piano terra													
-	FRQ	538 311	25 470	2 664	-0.68	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	491 545	9 842	1 970	-0.75	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura													
-	FRQ	190 547	32 359	-490	-0.05	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	185 244	27 134	-420	-0.09	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura													
-	FRQ	62 711	162 460	-5 358	1.45	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	58 751	151 983	-5 243	1.36	2.36	0 E-01	0	0	0.000	0.300	-	SI
Pilastrata: Pilastrata 29													
Piano terra													
-	FRQ	561 585	-20 084	-11 341	-0.55	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	560 682	-19 206	-9 694	-0.59	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura													
-	FRQ	226 453	-26 700	6 970	0.01	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	221 209	-21 648	6 542	-0.04	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura													
-	FRQ	65 563	158 080	4 815	1.39	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	61 543	147 791	4 711	1.31	2.36	0 E-01	0	0	0.000	0.300	-	SI
Pilastrata: Pilastrata 30													
Piano terra													
-	FRQ	522 664	-10 215	3 163	-1.71	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	522 886	-9 037	2 678	-1.84	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura													
-	FRQ	183 018	-22 992	7 148	1.37	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	183 175	-22 352	6 899	1.30	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura													
-	FRQ	14 602	14 535	-265	1.07	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	14 600	13 663	-245	1.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
Pilastrata: Pilastrata 31													
Piano terra													
-	FRQ	670 062	-2 394	-1 405	-3.22	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	670 146	-1 578	-628	-3.35	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura													
-	FRQ	281 784	-14 922	36 567	2.50	2.36	1.4196 E-04	298	315	0.045	0.400	8.94	SI
-	QPR	282 823	-14 911	36 052	2.45	2.36	1.4115 E-04	301	317	0.045	0.300	6.71	SI
Pilastrata: Pilastrata 32													
Piano terra													
-	FRQ	485 512	519	-13 684	-1.01	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	485 821	-186	-12 337	-1.09	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura													
-	FRQ	150 710	-17 462	-83 171	4.43	2.36	4.1064 E-04	696	345	0.142	0.400	2.82	SI
-	QPR	151 470	-17 621	-82 900	4.42	2.36	4.0814 E-04	694	345	0.141	0.300	2.13	SI
Pilastrata: Pilastrata 33													
Piano terra													
-	FRQ	91 832	10 423	-2 406	0.16	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	90 945	9 466	-2 352	0.13	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura													
-	FRQ	62 173	-17 555	4 861	0.64	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	61 610	-17 292	4 712	0.63	2.36	0 E-01	0	0	0.000	0.300	-	SI
Pilastrata: Pilastrata 34													
Piano terra													
-	FRQ	221 716	3 069	-3 589	-0.50	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	224 328	1 473	-2 256	-0.64	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura													
-	FRQ	59 822	4 593	4 019	0.16	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	60 608	4 039	3 261	0.09	2.36	0 E-01	0	0	0.000	0.300	-	SI
Pilastrata: Pilastrata 35													

Pilastri - verifica allo stato limite di fessurazione													
Lv	Idcmb	N _{Ed}	M _{Ed,3}	M _{Ed,2}	σ _{ct,f}	σ _t	ε _{sm}	A _e	Δ _{sm}	W _d	W _{amm}	CS	Verificato
		[N]	[N·m]	[N·m]	[N/mm ²]	[N/mm ²]		[cm ²]	[mm]	[mm]	[mm]		
Piano terra				AA= PCA									
-	FRQ	288 845	-3 826	-6 605	-0.56	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	290 524	-3 121	-5 411	-0.65	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura				AA= PCA									
-	FRQ	86 603	-3 069	-8 501	0.24	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	85 952	-2 759	-7 632	0.19	2.36	0 E-01	0	0	0.000	0.300	-	SI
Pilastrata: Pilastrata 36													
Piano terra				AA= PCA									
-	FRQ	335 791	-9 346	-14 492	-0.12	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	329 410	-8 878	-13 386	-0.17	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura				AA= PCA									
-	FRQ	113 874	-985	-38 446	1.64	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	109 227	-1 035	-36 358	1.55	2.36	0 E-01	0	0	0.000	0.300	-	SI
Pilastrata: Pilastrata 37													
Piano terra				AA= PCA									
-	FRQ	447 866	14 123	14 190	-0.16	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	448 836	13 200	14 193	-0.24	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura				AA= PCA									
-	FRQ	191 395	-23 205	-43 809	4.17	2.36	2.1562 E-04	240	280	0.060	0.400	6.62	SI
-	QPR	191 882	-22 122	-43 455	4.06	2.36	2.0915 E-04	242	282	0.059	0.300	5.10	SI
Pilastrata: Pilastrata 38													
Piano terra				AA= PCA									
-	FRQ	382 965	19 785	-23 511	0.55	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	373 954	17 370	-22 911	0.46	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura				AA= PCA									
-	FRQ	161 714	-16 628	53 308	2.80	2.36	1.2759 E-04	235	277	0.035	0.400	11.31	SI
-	QPR	161 687	-14 243	52 838	2.69	2.36	1.27 E-04	238	279	0.035	0.300	8.46	SI
Pilastrata: Pilastrata 39													
Piano terra				AA= PCA									
-	FRQ	362 744	-4 312	-34 984	0.68	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	355 941	-3 992	-32 969	0.59	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura				AA= PCA									
-	FRQ	148 671	9 823	55 676	2.73	2.36	2.2927 E-04	664	336	0.077	0.400	5.20	SI
-	QPR	148 545	9 811	55 603	2.73	2.36	2.2891 E-04	664	336	0.077	0.300	3.90	SI
Pilastrata: Pilastrata 40													
Piano terra				AA= PCA									
-	FRQ	234 364	11 677	-4 443	-0.20	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	234 702	10 358	-4 525	-0.25	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura				AA= PCA									
-	FRQ	83 514	29 509	-17 449	1.64	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	80 959	28 238	-16 732	1.57	2.36	0 E-01	0	0	0.000	0.300	-	SI
Pilastrata: Pilastrata 41													
Piano terra				AA= PCA									
-	FRQ	187 881	3 573	-17 342	0.36	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	185 396	3 582	-16 651	0.33	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura				AA= PCA									
-	FRQ	61 643	12 185	-30 353	1.80	2.36	0 E-01	0	0	0.000	0.400	-	SI
-	QPR	59 615	11 862	-29 293	1.74	2.36	0 E-01	0	0	0.000	0.300	-	SI

LEGENDA:

Lv

AA

Idcmb

N_{Ed}, M_{Ed,3}, M_{Ed,2}

σ_{ct,f}

σ_t

ε_{sm}

A_e

Δ_{sm}

W_d

W_{amm}

CS

Verificato

Livello o piano di appartenenza dell'elemento strutturale. L'eventuale lettera tra parentesi distingue i diversi tratti del pilastro al livello considerato.

Identificativo dell'aggressività dell'ambiente: [PCA] = "Ordinario"; [MDA] = "Aggressivo"; [MLA] = "Molto aggressivo".

Identificativo della Combinazione di Azione: [QPR] = Quasi Permanente - [FRQ] = Frequente - [RAR] = Rara.

Sollecitazioni di progetto.

Tensione massima di trazione nel calcestruzzo per la fessurazione, calcolata nell'ipotesi di calcestruzzo resistente a trazione. Se tale valore è maggiore di σ_{ct} la sezione è soggetta a fessurazione.

N.B. I valori negativi indicano una sezione interamente compressa. In tal caso le sollecitazioni forniscono il minimo valore di compressione.

Tensione massima di trazione nel calcestruzzo relativa allo stato limite di formazione delle fessure [relazione (4.1.13) del § 4.1.2.2.4 del DM 2018].

Deformazione unitaria media delle barre di armatura.

Area efficace del calcestruzzo teso.

Distanza media tra le fessure.

Valore di calcolo di apertura massima delle fessure.

Valore ammissibile di apertura delle fessure.

Coefficiente di Sicurezza (=W_d / W_{amm}). [NS] = Non Significativo (CS ≥ 100). [-] = Fessurazioni nulle (W_d = 0).

[SI] = W_d ≤ W_{amm} ; [NO] = W_d > W_{amm}

DETTAGLI COSTRUTTIVI PER LA DUTTILITÀ - PILASTRI IN PRESENZA DI SISMA

(Elevazione)

Dettagli Costruttivi per la Duttilità - Pilastri in Presenza di Sisma									
Lv	V _{sw,c}	V _{nc}	ω _{wd}	α _n	α _s	V _d	ω _{wd,min}	CS	CS _{min}
	[cm ²]	[cm ²]							
Duttilità di curvatura richiesta allo SLV nelle direzioni X e Y: [μ _{ϕ,x} = 7.16; μ _{ϕ,y} = 7.98]									
Pilastrata: Pilastrata 1									
Piano terra	215.20	22134	0.231	0.753	0.668	0.081	0.080	10.129	2.889
Piano copertura	215.20	22134	0.231	-	-	-	0.080	-	2.889
Piano copertura	215.20	22134	0.231	-	-	-	0.080	-	2.889

pag.123

Dettagli Costruttivi per la Duttilità - Pilastri in Presenza di Sisma

Lv	V _{sw,c} [cm²]	V _{nc} [cm²]	ω _{wd}	α _n	α _s	V _d	ω _{wd,min}	CS	CS _{min}
Pilastrata: Pilastrata 2									
Piano terra	450.82	44733	0.240	0.801	0.744	0.000	0.080	NS	2.995
Piano copertura	450.82	48174	0.222	-	-	-	0.080	-	2.781
Piano copertura	450.82	48174	0.222	-	-	-	0.080	-	2.781
Pilastrata: Pilastrata 3									
Piano terra	450.82	44733	0.240	0.801	0.744	0.000	0.080	NS	2.995
Piano copertura	450.82	48174	0.222	-	-	-	0.080	-	2.781
Piano copertura	450.82	48174	0.222	-	-	-	0.080	-	2.781
Pilastrata: Pilastrata 4									
Piano terra	450.82	44733	0.240	0.801	0.744	0.000	0.080	NS	2.995
Piano copertura	450.82	48174	0.222	-	-	-	0.080	-	2.781
Piano copertura	450.82	48174	0.222	-	-	-	0.080	-	2.781
Pilastrata: Pilastrata 5									
Piano terra	215.20	22134	0.231	0.753	0.668	0.112	0.080	3.912	2.889
Piano copertura	215.20	22134	0.231	-	-	-	0.080	-	2.889
Piano copertura	215.20	22134	0.231	-	-	-	0.080	-	2.889
Pilastrata: Pilastrata 6									
Piano terra	215.20	22134	0.231	0.753	0.668	0.122	0.080	3.293	2.889
Piano copertura	215.20	22134	0.231	-	-	-	0.080	-	2.889
Pilastrata: Pilastrata 7									
Piano terra	215.20	22134	0.231	0.753	0.668	0.095	0.080	5.922	2.889
Piano copertura	215.20	22134	0.231	-	-	-	0.080	-	2.889
Pilastrata: Pilastrata 8									
Piano terra	215.20	22134	0.231	0.753	0.668	0.107	0.080	4.357	2.889
Piano copertura	215.20	22134	0.231	-	-	-	0.080	-	2.889
Pilastrata: Pilastrata 9									
Piano terra	215.20	22134	0.231	0.753	0.668	0.087	0.080	7.589	2.889
Piano copertura	215.20	22134	0.231	-	-	-	0.080	-	2.889
Piano copertura	215.20	22134	0.231	-	-	-	0.080	-	2.889
Pilastrata: Pilastrata 10									
Piano terra	144.51	13454	0.255	0.724	0.599	0.118	0.080	3.360	3.192
Pilastrata: Pilastrata 11									
Piano terra	144.51	13454	0.255	0.724	0.599	0.115	0.080	3.585	3.192
Pilastrata: Pilastrata 12									
Piano terra	144.51	13454	0.255	0.724	0.599	0.118	0.080	3.380	3.192
Pilastrata: Pilastrata 13									
Piano terra	144.51	13454	0.255	0.724	0.599	0.188	0.080	1.510	3.192
Piano copertura	144.51	13454	0.255	-	-	-	0.080	-	3.192
Piano copertura	144.51	13454	0.255	-	-	-	0.080	-	3.192
Pilastrata: Pilastrata 14									
Piano terra	215.20	22134	0.231	0.753	0.668	0.183	0.080	1.659	2.889
Piano copertura	215.20	22134	0.231	-	-	-	0.080	-	2.889
Pilastrata: Pilastrata 15									
Piano terra	215.20	22134	0.231	0.753	0.668	0.000	0.080	NS	2.889
Pilastrata: Pilastrata 16									
Piano terra	215.20	22134	0.231	0.753	0.668	0.134	0.080	2.760	2.889
Piano copertura	215.20	22134	0.231	-	-	-	0.080	-	2.889
Pilastrata: Pilastrata 17									
Piano terra	144.51	13454	0.255	0.724	0.599	0.095	0.080	5.803	3.192
Piano copertura	144.51	13454	0.255	-	-	-	0.080	-	3.192
Pilastrata: Pilastrata 18									
Piano terra	215.20	22134	0.231	0.753	0.668	0.087	0.080	7.791	2.889
Piano copertura	215.20	22134	0.231	-	-	-	0.080	-	2.889
Piano copertura	215.20	22134	0.231	-	-	-	0.080	-	2.889
Pilastrata: Pilastrata 19									
Piano terra	144.51	13454	0.255	0.724	0.599	0.119	0.080	3.294	3.192
Pilastrata: Pilastrata 20									
Piano terra	144.51	13454	0.255	0.724	0.599	0.115	0.080	3.535	3.192
Pilastrata: Pilastrata 21									
Piano terra	144.51	13454	0.255	0.724	0.599	0.118	0.080	3.395	3.192
Pilastrata: Pilastrata 22									
Piano terra	144.51	13454	0.255	0.724	0.599	0.176	0.080	1.665	3.192
Piano copertura	144.51	13454	0.255	-	-	-	0.080	-	3.192
Piano copertura	144.51	13454	0.255	-	-	-	0.080	-	3.192
Pilastrata: Pilastrata 23									
Piano terra	215.20	22134	0.231	0.753	0.668	0.170	0.080	1.848	2.889
Piano copertura	215.20	22134	0.231	-	-	-	0.080	-	2.889
Pilastrata: Pilastrata 24									
Piano terra	215.20	22134	0.231	0.753	0.668	0.061	0.080	NS	2.889
Piano copertura	215.20	22134	0.231	-	-	-	0.080	-	2.889
Pilastrata: Pilastrata 25									
Piano terra	215.20	22134	0.231	0.753	0.668	0.108	0.080	4.358	2.889
Piano copertura	215.20	22134	0.231	-	-	-	0.080	-	2.889
Pilastrata: Pilastrata 26									
Piano terra	215.20	22134	0.231	0.753	0.668	0.092	0.080	6.530	2.889
Piano copertura	215.20	22134	0.231	-	-	-	0.080	-	2.889
Piano copertura	215.20	22134	0.231	-	-	-	0.080	-	2.889
Pilastrata: Pilastrata 27									
Piano terra	450.82	44733	0.240	0.801	0.744	0.073	0.080	19.680	2.995
Piano copertura	450.82	48174	0.222	-	-	-	0.080	-	2.781
Piano copertura	450.82	48174	0.222	-	-	-	0.080	-	2.781
Pilastrata: Pilastrata 28									
Piano terra	450.82	44733	0.240	0.801	0.744	0.073	0.080	20.641	2.995
Piano copertura	450.82	48174	0.222	-	-	-	0.080	-	2.781
Piano copertura	450.82	48174	0.222	-	-	-	0.080	-	2.781
Pilastrata: Pilastrata 29									

Dettagli Costruttivi per la Duttilità - Pilastri in Presenza di Sisma									
Lv	V _{sw,c} [cm³]	V _{nc} [cm³]	ω _{wd}	α _n	α _s	V _d	ω _{wd,min}	CS	CS _{min}
Piano terra	450.82	44733	0.240	0.801	0.744	0.082	0.080	11.632	2.995
Piano copertura	450.82	48174	0.222	-	-	-	0.080	-	2.781
Piano copertura	450.82	48174	0.222	-	-	-	0.080	-	2.781
Pilastrata: Pilastrata 30									
Piano terra	144.51	13454	0.255	0.724	0.599	0.213	0.080	1.261	3.192
Piano copertura	144.51	13454	0.255	-	-	-	0.080	-	3.192
Piano copertura	144.51	13454	0.255	-	-	-	0.080	-	3.192
Pilastrata: Pilastrata 31									
Piano terra	144.51	9610	0.357	0.724	0.703	0.269	0.080	1.522	4.468
Piano copertura	144.51	9610	0.357	-	-	-	0.080	-	4.468
Pilastrata: Pilastrata 32									
Piano terra	215.20	22134	0.231	0.753	0.668	0.133	0.080	2.841	2.889
Piano copertura	215.20	22134	0.231	-	-	-	0.080	-	2.889
Pilastrata: Pilastrata 33									
Piano terra	215.20	22134	0.231	0.753	0.668	0.090	0.080	10.072	2.889
Piano copertura	215.20	22134	0.231	-	-	-	0.080	-	2.889
Pilastrata: Pilastrata 34									
Piano terra	215.20	22134	0.231	0.753	0.668	0.110	0.080	5.267	2.889
Piano copertura	215.20	22134	0.231	-	-	-	0.080	-	2.889
Pilastrata: Pilastrata 35									
Piano terra	215.20	22134	0.231	0.753	0.668	0.103	0.080	6.374	2.889
Piano copertura	215.20	22134	0.231	-	-	-	0.080	-	2.889
Pilastrata: Pilastrata 36									
Piano terra	215.20	22134	0.231	0.753	0.668	0.106	0.080	5.825	2.889
Piano copertura	215.20	22134	0.231	-	-	-	0.080	-	2.889
Pilastrata: Pilastrata 37									
Piano terra	144.51	13454	0.255	0.724	0.599	0.208	0.080	1.307	3.192
Piano copertura	144.51	13454	0.255	-	-	-	0.080	-	3.192
Pilastrata: Pilastrata 38									
Piano terra	215.20	22134	0.231	0.753	0.668	0.117	0.080	3.664	2.889
Piano copertura	215.20	22134	0.231	-	-	-	0.080	-	2.889
Pilastrata: Pilastrata 39									
Piano terra	215.20	22134	0.231	0.753	0.668	0.111	0.080	5.151	2.889
Piano copertura	215.20	22134	0.231	-	-	-	0.080	-	2.889
Pilastrata: Pilastrata 40									
Piano terra	215.20	22134	0.231	0.753	0.668	0.099	0.080	7.004	2.889
Piano copertura	215.20	22134	0.231	-	-	-	0.080	-	2.889
Pilastrata: Pilastrata 41									
Piano terra	215.20	22134	0.231	0.753	0.668	0.097	0.080	5.732	2.889
Piano copertura	215.20	22134	0.231	-	-	-	0.080	-	2.889

LEGENDA:

Lv	Livello o piano di appartenenza dell'elemento strutturale.
V _{sw,c}	Volume delle staffe di confinamento
V _{nc}	Volume del nucleo confinato di calcestruzzo
ω _{wd}	Rapporto meccanico dell'armatura di confinamento
α _n	Coefficiente di efficacia del confinamento nel piano della sezione
α _s	Coefficiente di efficacia del confinamento nel piano verticale
V _d	Forza assiale adimensionalizzata di progetto allo SLV
ω _{wd,min}	Minimo rapporto meccanico dell'armatura di confinamento
CS	Coefficiente di sicurezza del rapporto meccanico dell'armatura trasversale di confinamento
CS _{min}	Coefficiente di sicurezza del rapporto meccanico minimo dell'armatura trasversale di confinamento

TRAVI (LG) - VERIFICHE PER PRESSOFLESSIONE (Elevazione) allo SLU

Travi (LG) - Verifiche per pressoflessione																	
Id _{Tr}	%L _L	CS	k _{mod}	A	N _{Ed}	σ _{c,0d}	M _{Ed,3}	M _{Ed,2}	W _x	W _y	σ _{Md,x}	σ _{Md,y}	f _{c,0d}	f _{m,x,d}	f _{m,y,d}	K _{h,x}	K _{h,y}
	[%]			[cm²]	[N]	[N/mm²]	[N·m]	[N·m]	[cm³]	[cm³]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]		
Piano copertura																	
Trave Legno 47a-26	0%	34.17	1.10	2 400	23 581	0.10	-14 382	-3 156	32 00 0	12 00 0	0.45	0.26	21.24 1	21.24	22.77	1.00	1.07
	24.9%	46.19	0.90	2 400	3 391	0.01	-10 074	-1 129	32 00 0	12 00 0	0.31	0.09	17.37 9	17.38	18.63	1.00	1.07
	50.0%	60.27	0.90	2 400	3 391	0.01	-8 523	-404	32 00 0	12 00 0	0.27	0.03	17.37 9	17.38	18.63	1.00	1.07
	74.9%	60.09	1.10	2 400	4 093	0.02	-10 378	536	32 00 0	12 00 0	0.32	0.04	21.24 1	21.24	22.77	1.00	1.07
	100%	42.94	1.10	2 400	4 093	0.02	-12 752	1 767	32 00 0	12 00 0	0.40	0.15	21.24 1	21.24	22.77	1.00	1.07
Trave Legno 11a-9	0%	23.90	1.10	2 400	9 511	0.04	7 310	-9 374	32 00 0	12 00 0	0.23	0.78	21.24 1	21.24	22.77	1.00	1.07
	25.0%	36.87	1.10	2 400	9 511	0.04	7 978	-5 165	32 00 0	12 00 0	0.25	0.43	21.24 1	21.24	22.77	1.00	1.07
	50.0%	37.65	0.90	2 400	869	0.00	12 957	1 042	32 00 0	12 00 0	0.40	0.09	17.37 9	17.38	18.63	1.00	1.07
	75.0%	25.24	1.10	2 400	1 880	0.01	11 938	7 467	32 00 0	12 00 0	0.37	0.62	21.24 1	21.24	22.77	1.00	1.07
	100.0 %	18.05	1.10	2 400	1 880	0.01	15 043	10 907	32 00 0	12 00 0	0.47	0.91	21.24 1	21.24	22.77	1.00	1.07
Trave Legno 29a-18	0%	25.45	1.10	2 400	14 741	0.06	-6 593	-8 877	32 00 0	12 00 0	0.21	0.74	21.24 1	21.24	22.77	1.00	1.07
	24.9%	37.00	1.10	2 400	14 741	0.06	3 548	-6 384	32 00 0	12 00 0	0.11	0.53	21.24 1	21.24	22.77	1.00	1.07
	50.0%	56.25	1.10	2 400	13 820	0.06	3 352	-3 912	32 00 0	12 00 0	0.10	0.33	21.24 1	21.24	22.77	1.00	1.07
	74.9%	45.73	1.10	2 400	7 168	0.03	7 068	3 985	32 00	12 00	0.22	0.33	21.24	21.24	22.77	1.00	1.07

Travi (LG) - Verifiche per pressoflessione																	
Id _{Tr}	%L _{Lt}	CS	k _{mod}	A	N _{Ed}	σ _{c,0d}	M _{Ed,3}	M _{Ed,2}	W _x	W _y	σ _{Md,X}	σ _{Md,Y}	f _{c,0d}	f _{m,X,d}	f _{m,Y,d}	K _{h,X}	K _{h,Y}
	[%]			[cm²]	[N]	[N/mm²]	[N-m]	[N-m]	[cm³]	[cm³]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]		
Trave Legno 18a-13	100%	28.38	0.90	2 400	1 625	0.01	9 867	5 100	32 000	12 000	0.31	0.43	17.379	17.38	18.63	1.00	1.07
	0%	NS	1.10	2 400	7 449	0.03	-363	-79	32 000	12 000	0.01	0.01	21.241	21.24	22.77	1.00	1.07
	25.0%	NS	1.10	2 400	523	0.00	-5 174	-42	32 000	12 000	0.16	0.00	21.241	21.24	22.77	1.00	1.07
	50.0%	93.93	1.10	2 400	523	0.00	-7 217	-11	32 000	12 000	0.23	0.00	21.241	21.24	22.77	1.00	1.07
	75.0%	NS	1.10	2 400	628	0.00	-6 111	27	32 000	12 000	0.19	0.00	21.241	21.24	22.77	1.00	1.07
Trave Legno 12a-16a	100%	NS	1.10	2 400	628	0.00	-1 829	60	32 000	12 000	0.06	0.01	21.241	21.24	22.77	1.00	1.07
	0%	5.27	0.90	2 400	31 954	0.13	-95 467	-5 804	32 000	12 000	2.98	0.48	17.379	17.38	18.63	1.00	1.07
	25.0%	5.11	0.90	2 400	31 954	0.13	-106 147	-1 492	32 000	12 000	3.32	0.12	17.379	17.38	18.63	1.00	1.07
	50.0%	4.56	0.90	2 400	32 454	0.14	-116 637	3 086	32 000	12 000	3.64	0.26	17.379	17.38	18.63	1.00	1.07
	75.0%	3.97	0.90	2 400	32 454	0.14	-126 984	7 435	32 000	12 000	3.97	0.62	17.379	17.38	18.63	1.00	1.07
Trave Legno 9-16a	100.0 %	3.53	0.90	2 400	32 454	0.14	-137 169	11 785	32 000	12 000	4.29	0.98	17.379	17.38	18.63	1.00	1.07
	0%	NS	0.90	2 400	357	0.00	-2 456	-16	32 000	12 000	0.08	0.00	17.379	17.38	18.63	1.00	1.07
	25.0%	48.79	0.90	2 400	357	0.00	-11 377	-12	32 000	12 000	0.36	0.00	17.379	17.38	18.63	1.00	1.07
	50.0%	39.79	0.80	2 400	101	0.00	-12 414	-5	32 000	12 000	0.39	0.00	15.448	15.45	16.56	1.00	1.07
	75.0%	54.47	0.80	2 400	65	0.00	-9 074	1	32 000	12 000	0.28	0.00	15.448	15.45	16.56	1.00	1.07
Trave Legno 13a-17a	100%	NS	1.10	2 400	66	0.00	-477	66	32 000	12 000	0.01	0.01	21.241	21.24	22.77	1.00	1.07
	0%	5.65	0.90	2 400	31 389	0.13	-94 735	-2 147	32 000	12 000	2.96	0.18	17.379	17.38	18.63	1.00	1.07
	25.0%	5.07	0.90	2 400	31 389	0.13	-105 606	-2 309	32 000	12 000	3.30	0.19	17.379	17.38	18.63	1.00	1.07
	50.0%	4.61	0.90	2 400	31 389	0.13	-116 310	-2 474	32 000	12 000	3.63	0.21	17.379	17.38	18.63	1.00	1.07
	75.0%	4.23	0.90	2 400	31 389	0.13	-126 838	-2 634	32 000	12 000	3.96	0.22	17.379	17.38	18.63	1.00	1.07
Trave Legno 16a-17a	100.0 %	3.91	0.90	2 400	31 389	0.13	-137 204	-2 797	32 000	12 000	4.29	0.23	17.379	17.38	18.63	1.00	1.07
	0%	NS	0.90	2 400	27 653	0.12	-961	-10	32 000	12 000	0.03	0.00	17.379	17.38	18.63	1.00	1.07
	25.0%	49.27	0.80	2 400	23 443	0.10	-10 003	-6	32 000	12 000	0.31	0.00	15.448	15.45	16.56	1.00	1.07
	50.0%	38.19	0.80	2 400	23 813	0.10	-12 921	1	32 000	12 000	0.40	0.00	15.448	15.45	16.56	1.00	1.07
	75.0%	51.51	0.60	2 400	14 787	0.06	-7 175	7	32 000	12 000	0.22	0.00	11.586	11.59	12.42	1.00	1.07
Trave Legno 14a-18a	100%	NS	1.10	2 400	14 777	0.06	363	64	32 000	12 000	0.01	0.01	21.241	21.24	22.77	1.00	1.07
	0%	5.60	0.90	2 400	35 136	0.15	-95 987	1 873	32 000	12 000	3.00	0.16	17.379	17.38	18.63	1.00	1.07
	25.0%	4.96	0.90	2 400	30 506	0.13	-106 793	-3 069	32 000	12 000	3.34	0.26	17.379	17.38	18.63	1.00	1.07
	50.0%	4.25	0.90	2 400	30 506	0.13	-117 255	-7 714	32 000	12 000	3.66	0.64	17.379	17.38	18.63	1.00	1.07
	75.0%	3.73	0.90	2 400	30 506	0.13	-127 534	-12 364	32 000	12 000	3.99	1.03	17.379	17.38	18.63	1.00	1.07
Trave Legno 17a-18a	100.0 %	3.32	0.90	2 400	30 506	0.13	-137 652	-17 013	32 000	12 000	4.30	1.42	17.379	17.38	18.63	1.00	1.07
	0%	NS	1.10	2 400	19 282	0.08	-325	-76	32 000	12 000	0.01	0.01	21.241	21.24	22.77	1.00	1.07
	25.0%	51.29	0.60	2 400	14 377	0.06	-7 205	-8	32 000	12 000	0.23	0.00	11.586	11.59	12.42	1.00	1.07
	50.0%	38.16	0.80	2 400	23 289	0.10	-12 923	6	32 000	12 000	0.40	0.00	15.448	15.45	16.56	1.00	1.07
	75.0%	49.34	0.80	2 400	23 289	0.10	-9 965	20	32 000	12 000	0.31	0.00	15.448	15.45	16.56	1.00	1.07
Trave Legno 36a-22	100.0 %	NS	0.90	2 400	27 433	0.11	-874	37	32 000	12 000	0.03	0.00	17.379	17.38	18.63	1.00	1.07
	0%	NS	1.10	2 400	4 677	0.02	854	67	32 000	12 000	0.03	0.01	21.241	21.24	22.77	1.00	1.07
	25.0%	74.02	1.10	2 400	63	0.00	-9 165	10	32 000	12 000	0.29	0.00	21.241	21.24	22.77	1.00	1.07
	50.0%	52.10	1.10	2 400	63	0.00	-13 037	6	32 000	12 000	0.41	0.00	21.241	21.24	22.77	1.00	1.07
	75.0%	62.40	1.10	2 400	63	0.00	-10 892	1	32 000	12 000	0.34	0.00	21.241	21.24	22.77	1.00	1.07
Trave Legno 30a-34a	100%	NS	1.10	2 400	63	0.00	-2 729	-4	32 000	12 000	0.09	0.00	21.241	21.24	22.77	1.00	1.07
	0%	4.72	0.90	2 400	31 957	0.13	-110 182	-4 389	32 000	12 000	3.44	0.37	17.379	17.38	18.63	1.00	1.07
	25.0%	5.42	0.90	2 400	31 957	0.13	-98 494	-2 375	32 000	12 000	3.08	0.20	17.379	17.38	18.63	1.00	1.07

Travi (LG) - Verifiche per pressoflessione																	
Id _{Tr}	%L _{Lt}	CS	k _{mod}	A	N _{Ed}	σ _{c,0d}	M _{Ed,3}	M _{Ed,2}	W _x	W _y	σ _{Md,X}	σ _{Md,Y}	f _{c,0d}	f _{m,X,d}	f _{m,Y,d}	K _{h,X}	K _{h,Y}
	[%]			[cm²]	[N]	[N/mm²]	[N-m]	[N-m]	[cm³]	[cm³]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]		
Trave Legno 18-34a	50.0%	6.37	0.90	2 400	31 957	0.13	-86 607	-359	32 000	12 000	2.71	0.03	17.379	17.38	18.63	1.00	1.07
	75.0%	7.12	0.90	2 400	35 714	0.15	-74 593	1 998	32 000	12 000	2.33	0.17	17.379	17.38	18.63	1.00	1.07
	100%	8.01	0.90	2 400	35 714	0.15	-62 327	4 058	32 000	12 000	1.95	0.34	17.379	17.38	18.63	1.00	1.07
	0%	NS	0.90	2 400	2 834	0.01	-2 839	38	32 000	12 000	0.09	0.00	17.379	17.38	18.63	1.00	1.07
	25.0%	47.61	0.90	2 400	2 834	0.01	-11 655	15	32 000	12 000	0.36	0.00	17.379	17.38	18.63	1.00	1.07
Trave Legno 31a-35a	50.0%	39.74	0.80	2 400	2 232	0.01	-12 435	-3	32 000	12 000	0.39	0.00	15.448	15.45	16.56	1.00	1.07
	75.0%	56.20	0.60	2 400	860	0.00	-6 573	-14	32 000	12 000	0.21	0.00	11.586	11.59	12.42	1.00	1.07
	100%	NS	1.10	2 400	3 293	0.01	1 169	-89	32 000	12 000	0.04	0.01	21.241	21.24	22.77	1.00	1.07
	0%	4.49	0.90	2 400	31 396	0.13	-119 258	-2 682	32 000	12 000	3.73	0.22	17.379	17.38	18.63	1.00	1.07
	25.0%	4.95	0.90	2 400	31 396	0.13	-107 498	-2 734	32 000	12 000	3.36	0.23	17.379	17.38	18.63	1.00	1.07
Trave Legno 34a-35a	50.0%	5.54	0.90	2 400	31 396	0.13	-95 542	-2 788	32 000	12 000	2.99	0.23	17.379	17.38	18.63	1.00	1.07
	75.0%	6.29	0.90	2 400	31 396	0.13	-83 383	-2 840	32 000	12 000	2.61	0.24	17.379	17.38	18.63	1.00	1.07
	100%	7.31	0.90	2 400	31 396	0.13	-71 039	-2 890	32 000	12 000	2.22	0.24	17.379	17.38	18.63	1.00	1.07
	0%	NS	0.90	2 400	14 006	0.06	-1 541	31	32 000	12 000	0.05	0.00	17.379	17.38	18.63	1.00	1.07
	25.0%	46.64	0.80	2 400	11 992	0.05	-10 573	12	32 000	12 000	0.33	0.00	15.448	15.45	16.56	1.00	1.07
Trave Legno 32a-36a	50.0%	36.80	0.80	2 400	12 158	0.05	-13 424	-2	32 000	12 000	0.42	0.00	15.448	15.45	16.56	1.00	1.07
	75.0%	50.01	0.80	2 400	11 946	0.05	-9 848	-18	32 000	12 000	0.31	0.00	15.448	15.45	16.56	1.00	1.07
	100%	NS	1.10	2 400	9 728	0.04	773	-82	32 000	12 000	0.02	0.01	21.241	21.24	22.77	1.00	1.07
	0%	5.01	0.90	2 400	32 302	0.13	-109 981	-630	32 000	12 000	3.44	0.05	17.379	17.38	18.63	1.00	1.07
	25.0%	5.39	0.90	2 400	32 302	0.13	-98 160	-2 826	32 000	12 000	3.07	0.24	17.379	17.38	18.63	1.00	1.07
Trave Legno 35a-36a	50.0%	5.86	0.90	2 400	32 302	0.13	-86 138	-5 022	32 000	12 000	2.69	0.42	17.379	17.38	18.63	1.00	1.07
	75.0%	6.43	0.90	2 400	32 302	0.13	-73 918	-7 218	32 000	12 000	2.31	0.60	17.379	17.38	18.63	1.00	1.07
	100%	7.14	0.90	2 400	32 302	0.13	-61 508	-9 414	32 000	12 000	1.92	0.78	17.379	17.38	18.63	1.00	1.07
	0%	NS	1.10	2 400	12 008	0.05	-720	75	32 000	12 000	0.02	0.01	21.241	21.24	22.77	1.00	1.07
	25.0%	49.63	0.80	2 400	10 617	0.04	-9 935	12	32 000	12 000	0.31	0.00	15.448	15.45	16.56	1.00	1.07
Trave Legno 4-5	50.0%	36.81	0.80	2 400	11 236	0.05	-13 420	3	32 000	12 000	0.42	0.00	15.448	15.45	16.56	1.00	1.07
	75.0%	47.05	0.80	2 400	11 236	0.05	-10 491	-7	32 000	12 000	0.33	0.00	15.448	15.45	16.56	1.00	1.07
	100.0%	NS	0.90	2 400	13 478	0.06	-1 359	-17	32 000	12 000	0.04	0.00	17.379	17.38	18.63	1.00	1.07
	0%	22.13	1.10	2 400	6 830	0.03	20 195	6 041	32 000	12 000	0.63	0.50	21.241	21.24	22.77	1.00	1.07
	25.0%	39.16	1.10	2 400	6 830	0.03	11 645	3 279	32 000	12 000	0.36	0.27	21.241	21.24	22.77	1.00	1.07
Trave Legno 2-3	50.0%	NS	1.10	2 400	6 830	0.03	-5 431	513	32 000	12 000	0.17	0.04	21.241	21.24	22.77	1.00	1.07
	75.0%	NS	1.10	2 400	2 065	0.01	-825	-2 248	32 000	12 000	0.03	0.19	21.241	21.24	22.77	1.00	1.07
	100%	47.02	1.10	2 400	2 065	0.01	2 831	-5 013	32 000	12 000	0.09	0.42	21.241	21.24	22.77	1.00	1.07
	0%	18.88	1.10	2 400	14 303	0.06	-28 073	-4 554	32 000	12 000	0.88	0.38	21.241	21.24	22.77	1.00	1.07
	25.0%	30.76	1.10	2 400	14 303	0.06	-17 691	-2 528	32 000	12 000	0.55	0.21	21.241	21.24	22.77	1.00	1.07
Trave Legno 3-4	50.0%	77.09	0.90	2 400	28 809	0.12	-5 476	-983	32 000	12 000	0.17	0.08	17.379	17.38	18.63	1.00	1.07
	75.0%	54.72	1.10	2 400	12 216	0.05	9 761	1 525	32 000	12 000	0.31	0.13	21.241	21.24	22.77	1.00	1.07
	100%	20.58	1.10	2 400	12 216	0.05	26 832	3 553	32 000	12 000	0.84	0.30	21.241	21.24	22.77	1.00	1.07
	0%	26.54	1.10	2 400	16 971	0.07	21 384	2 422	32 000	12 000	0.67	0.20	21.241	21.24	22.77	1.00	1.07
	25.0%	60.16	1.10	2 400	16 971	0.07	-9 040	-1 292	32 000	12 000	0.28	0.11	21.241	21.24	22.77	1.00	1.07
	50.0%	84.71	0.90	2 400	26 710	0.11	-4 780	-1 012	32 000	12 000	0.15	0.08	17.379	17.38	18.63	1.00	1.07
	75.0%	45.19	1.10	2 400	15 503	0.06	-11 957	-1 767	32 000	12 000	0.37	0.15	21.241	21.24	22.77	1.00	1.07
	100.0	25.30	1.10	2 400	15 503	0.06	21 356	-3 163	32 000	12 000	0.67	0.26	21.24	21.24	22.77	1.00	1.07

Travi (LG) - Verifiche per pressoflessione																	
Id _{Tr}	%L _{Lt}	CS	k _{mod}	A	N _{Ed}	σ _{c,0d}	M _{Ed,3}	M _{Ed,2}	W _x	W _y	σ _{Md,X}	σ _{Md,Y}	f _{c,0d}	f _{m,X,d}	f _{m,Y,d}	K _{h,X}	K _{h,Y}
	[%] %			[cm²]	[N]	[N/mm²]	[N-m]	[N-m]	[cm³]	[cm³]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]		
Trave Legno 1-2	0%	41.46	1.10	2 400	6 695	0.03	-2 447	-5 900	32 000	12 000	0.08	0.49	21.24 ₁	21.24	22.77	1.00	1.07
	25.0%	80.34	1.10	2 400	6 695	0.03	-2 151	-2 795	32 000	12 000	0.07	0.23	21.24 ₁	21.24	22.77	1.00	1.07
	50.0%	NS	1.10	2 400	1 355	0.01	-4 318	238	32 000	12 000	0.13	0.02	21.24 ₁	21.24	22.77	1.00	1.07
	75.0%	45.72	1.10	2 400	1 220	0.01	10 214	2 671	32 000	12 000	0.32	0.22	21.24 ₁	21.24	22.77	1.00	1.07
	100%	23.08	0.80	2 400	2 361	0.01	16 024	3 097	32 000	12 000	0.50	0.26	15.44 ₈	15.45	16.56	1.00	1.07
Trave Legno 51a-30	0%	39.02	1.10	2 400	4 596	0.02	-7 936	4 769	32 000	12 000	0.25	0.40	21.24 ₁	21.24	22.77	1.00	1.07
	25.0%	55.97	1.10	2 400	4 596	0.02	-5 666	3 287	32 000	12 000	0.18	0.27	21.24 ₁	21.24	22.77	1.00	1.07
	50.0%	93.58	1.10	2 400	362	0.00	-3 399	1 963	32 000	12 000	0.11	0.16	21.24 ₁	21.24	22.77	1.00	1.07
	75.0%	NS	1.10	2 400	362	0.00	-2 015	1 528	32 000	12 000	0.06	0.13	21.24 ₁	21.24	22.77	1.00	1.07
	100%	NS	1.10	2 400	362	0.00	1 701	2 114	32 000	12 000	0.05	0.18	21.24 ₁	21.24	22.77	1.00	1.07
Trave Legno 33a-22	0%	47.38	1.10	2 400	1 979	0.01	-4 790	-4 418	32 000	12 000	0.15	0.37	21.24 ₁	21.24	22.77	1.00	1.07
	25.0%	53.77	1.10	2 400	1 979	0.01	2 689	-4 324	32 000	12 000	0.08	0.36	21.24 ₁	21.24	22.77	1.00	1.07
	50.0%	49.20	1.10	2 400	13	0.00	3 095	-4 682	32 000	12 000	0.10	0.39	21.24 ₁	21.24	22.77	1.00	1.07
	75.0%	33.10	1.10	2 400	13	0.00	5 146	-6 806	32 000	12 000	0.16	0.57	21.24 ₁	21.24	22.77	1.00	1.07
	100%	24.88	1.10	2 400	13	0.00	7 279	-8 932	32 000	12 000	0.23	0.74	21.24 ₁	21.24	22.77	1.00	1.07
Trave Legno 15a-13	0%	24.34	1.10	2 400	6 787	0.03	4 829	-9 867	32 000	12 000	0.15	0.82	21.24 ₁	21.24	22.77	1.00	1.07
	25.0%	25.79	1.10	2 400	6 787	0.03	5 759	-8 971	32 000	12 000	0.18	0.75	21.24 ₁	21.24	22.77	1.00	1.07
	50.0%	27.38	1.10	2 400	6 787	0.03	6 759	-8 075	32 000	12 000	0.21	0.67	21.24 ₁	21.24	22.77	1.00	1.07
	75.0%	26.57	1.10	2 400	1 452	0.01	11 833	-6 954	32 000	12 000	0.37	0.58	21.24 ₁	21.24	22.77	1.00	1.07
	100.0 %	21.98	1.10	2 400	1 054	0.00	17 181	-7 593	32 000	12 000	0.54	0.63	21.24 ₁	21.24	22.77	1.00	1.07
Trave Legno 29-30	0%	23.25	1.10	2 400	9 391	0.04	19 774	-5 432	32 000	12 000	0.62	0.45	21.24 ₁	21.24	22.77	1.00	1.07
	25.0%	41.33	1.10	2 400	9 391	0.04	11 203	-3 009	32 000	12 000	0.35	0.25	21.24 ₁	21.24	22.77	1.00	1.07
	50.0%	97.90	1.10	2 400	9 391	0.04	-5 786	663	32 000	12 000	0.18	0.06	21.24 ₁	21.24	22.77	1.00	1.07
	75.0%	96.60	1.10	2 400	2 795	0.01	-3 533	1 834	32 000	12 000	0.11	0.15	21.24 ₁	21.24	22.77	1.00	1.07
	100%	56.16	1.10	2 400	5 387	0.02	-1 608	4 412	32 000	12 000	0.05	0.37	21.24 ₁	21.24	22.77	1.00	1.07
Trave Legno 28-29	0%	30.41	1.10	2 400	5 055	0.02	17 513	-2 776	32 000	12 000	0.55	0.23	21.24 ₁	21.24	22.77	1.00	1.07
	25.0%	68.80	1.10	2 400	5 055	0.02	-7 474	-1 381	32 000	12 000	0.23	0.12	21.24 ₁	21.24	22.77	1.00	1.07
	50.0%	NS	1.10	2 400	459	0.00	-2 434	-164	32 000	12 000	0.08	0.01	21.24 ₁	21.24	22.77	1.00	1.07
	75.0%	49.32	1.10	2 400	459	0.00	11 333	1 406	32 000	12 000	0.35	0.12	21.24 ₁	21.24	22.77	1.00	1.07
	100.0 %	23.53	1.10	2 400	459	0.00	24 013	2 801	32 000	12 000	0.75	0.23	21.24 ₁	21.24	22.77	1.00	1.07
Trave Legno 26-27	0%	36.96	1.10	2 400	12 676	0.05	-4 227	6 200	32 000	12 000	0.13	0.52	21.24 ₁	21.24	22.77	1.00	1.07
	25.0%	56.81	0.90	2 400	7 888	0.03	-5 338	2 432	32 000	12 000	0.17	0.20	17.37 ₉	17.38	18.63	1.00	1.07
	50.0%	NS	0.60	2 400	5 051	0.02	-2 757	39	32 000	12 000	0.09	0.00	11.58 ₆	11.59	12.42	1.00	1.07
	75.0%	58.31	1.10	2 400	5 650	0.02	4 313	-3 471	32 000	12 000	0.13	0.29	21.24 ₁	21.24	22.77	1.00	1.07
	100%	27.56	1.10	2 400	5 650	0.02	11 436	-6 696	32 000	12 000	0.36	0.56	21.24 ₁	21.24	22.77	1.00	1.07
Trave Legno 4a-5a	0%	58.99	1.10	384	3 069	0.08	519	0	1 536	1 024	0.34	0.00	18.20 ₇	19.95	20.03	1.10	1.10
	25.0%	9.98	1.10	384	3 069	0.08	-3 071	0	1 536	1 024	2.00	0.00	18.20 ₇	19.95	20.03	1.10	1.10
	50.0%	7.81	1.10	384	2 011	0.05	-3 926	0	1 536	1 024	2.56	0.00	18.20 ₇	19.95	20.03	1.10	1.10
	75.0%	10.14	1.10	384	572	0.01	-3 024	0	1 536	1 024	1.97	0.00	18.20 ₇	19.95	20.03	1.10	1.10
	100%	75.67	1.10	384	739	0.02	405	0	1 536	1 024	0.26	0.00	18.20 ₇	19.95	20.03	1.10	1.10
Trave Legno 9a-10a	0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	25.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	50.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00

Travi (LG) - Verifiche per pressoflessione																	
Id _{Tr}	%L _{Lt}	CS	k _{mod}	A	N _{Ed}	σ _{c,0d}	M _{Ed,3}	M _{Ed,2}	W _x	W _y	σ _{md,x}	σ _{md,y}	f _{c,0d}	f _{m,x,d}	f _{m,y,d}	K _{h,x}	K _{h,y}
	[%]			[cm ²]	[N]	[N/mm ²]	[N-m]	[N-m]	[cm ³]	[cm ³]	[N/mm ²]	[N/mm ²]	[N/mm ²]	[N/mm ²]	[N/mm ²]		
Trave Legno 14a-15a	100%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	0%	27.07	1.10	384	4 484	0.12	1 131	0	1 536	1 024	0.74	0.00	18.20 7	19.95	20.03	1.10	1.10
	25.0%	10.88	1.10	384	4 484	0.12	-2 816	0	1 536	1 024	1.83	0.00	18.20 7	19.95	20.03	1.10	1.10
	50.0%	9.18	1.10	384	340	0.01	-3 340	0	1 536	1 024	2.17	0.00	18.20 7	19.95	20.03	1.10	1.10
	75.0%	10.88	1.10	384	3 112	0.08	-2 817	0	1 536	1 024	1.83	0.00	18.20 7	19.95	20.03	1.10	1.10
Trave Legno 3-3a	100%	27.13	1.10	384	3 112	0.08	1 129	0	1 536	1 024	0.74	0.00	18.20 7	19.95	20.03	1.10	1.10
	0%	6.32	0.90	2 400	34 536	0.14	84 564	1 960	32 00 0	12 00 0	2.64	0.16	17.37 9	17.38	18.63	1.00	1.07
	25.0%	7.08	0.90	2 400	35 280	0.15	75 847	1 552	32 00 0	12 00 0	2.37	0.13	17.37 9	17.38	18.63	1.00	1.07
	50.0%	8.04	0.90	2 400	35 280	0.15	66 837	1 326	32 00 0	12 00 0	2.09	0.11	17.37 9	17.38	18.63	1.00	1.07
	75.1%	9.30	0.90	2 400	35 280	0.15	57 854	1 101	32 00 0	12 00 0	1.81	0.09	17.37 9	17.38	18.63	1.00	1.07
Trave Legno 2a-3a	100%	11.02	0.90	2 400	35 280	0.15	48 888	876	32 00 0	12 00 0	1.53	0.07	17.37 9	17.38	18.63	1.00	1.07
	0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	25.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	50.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Trave Legno 4-4a	100%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	0%	6.83	0.90	2 400	35 197	0.15	81 202	118	32 00 0	12 00 0	2.54	0.01	17.37 9	17.38	18.63	1.00	1.07
	25.0%	7.22	0.90	2 400	35 197	0.15	72 253	2 737	32 00 0	12 00 0	2.26	0.23	17.37 9	17.38	18.63	1.00	1.07
	50.0%	7.65	0.90	2 400	35 197	0.15	63 328	5 350	32 00 0	12 00 0	1.98	0.45	17.37 9	17.38	18.63	1.00	1.07
	75.1%	8.14	0.90	2 400	35 136	0.15	54 447	7 961	32 00 0	12 00 0	1.70	0.66	17.37 9	17.38	18.63	1.00	1.07
Trave Legno 3a-4a	100%	8.68	0.90	2 400	35 136	0.15	45 564	10 583	32 00 0	12 00 0	1.42	0.88	17.37 9	17.38	18.63	1.00	1.07
	0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	25.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	50.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Trave Legno 5-5a	100.0 %	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	0%	46.12	1.10	2 400	21 996	0.09	-12 017	1 555	32 00 0	12 00 0	0.38	0.13	21.24 1	21.24	22.77	1.00	1.07
	25.0%	54.91	1.10	2 400	21 996	0.09	-10 711	950	32 00 0	12 00 0	0.33	0.08	21.24 1	21.24	22.77	1.00	1.07
	50.0%	56.90	1.10	2 400	21 996	0.09	-9 327	1 497	32 00 0	12 00 0	0.29	0.12	21.24 1	21.24	22.77	1.00	1.07
	75.0%	41.99	1.10	2 400	17 507	0.07	-12 097	2 344	32 00 0	12 00 0	0.38	0.20	21.24 1	21.24	22.77	1.00	1.07
Trave Legno 1-1a	100%	32.36	1.10	2 400	17 507	0.07	-14 890	3 508	32 00 0	12 00 0	0.47	0.29	21.24 1	21.24	22.77	1.00	1.07
	0%	73.70	1.10	2 400	10 132	0.04	-6 911	1 326	32 00 0	12 00 0	0.22	0.11	21.24 1	21.24	22.77	1.00	1.07
	25.0%	NS	1.10	2 400	8 690	0.04	-5 854	500	32 00 0	12 00 0	0.18	0.04	21.24 1	21.24	22.77	1.00	1.07
	50.0%	73.40	0.60	2 400	640	0.00	-4 027	588	32 00 0	12 00 0	0.13	0.05	11.58 6	11.59	12.42	1.00	1.07
	75.0%	48.88	1.10	2 400	3 808	0.02	-6 056	3 885	32 00 0	12 00 0	0.19	0.32	21.24 1	21.24	22.77	1.00	1.07
Trave Legno 1a-2a	100%	35.20	1.10	2 400	3 808	0.02	-7 498	5 651	32 00 0	12 00 0	0.23	0.47	21.24 1	21.24	22.77	1.00	1.07
	0%	23.16	1.10	384	10 943	0.28	-1 316	0	1 536	1 024	0.86	0.00	18.20 7	19.95	20.03	1.10	1.10
	25.0%	3.30	0.90	384	4 774	0.12	-7 600	0	1 536	1 024	4.95	0.00	14.89 7	16.33	16.39	1.10	1.10
	50.0%	2.52	0.90	384	4 774	0.12	-9 951	0	1 536	1 024	6.48	0.00	14.89 7	16.33	16.39	1.10	1.10
	75.0%	3.30	0.90	384	4 774	0.12	-7 601	0	1 536	1 024	4.95	0.00	14.89 7	16.33	16.39	1.10	1.10
Trave Legno 2-2a	100%	23.18	1.10	384	7 017	0.18	-1 319	0	1 536	1 024	0.86	0.00	18.20 7	19.95	20.03	1.10	1.10
	0%	6.30	0.90	2 400	35 211	0.15	81 666	3 757	32 00 0	12 00 0	2.55	0.31	17.37 9	17.38	18.63	1.00	1.07
	25.0%	7.57	0.90	2 400	35 211	0.15	72 737	373	32 00 0	12 00 0	2.27	0.03	17.37 9	17.38	18.63	1.00	1.07
	50.0%	8.00	0.90	2 400	35 711	0.15	63 979	-3 152	32 00 0	12 00 0	2.00	0.26	17.37 9	17.38	18.63	1.00	1.07
	75.1%	8.37	0.90	2 400	35 711	0.15	55 088	-6 501	32 00 0	12 00 0	1.72	0.54	17.37 9	17.38	18.63	1.00	1.07
Trave Legno 3a-8a	100%	8.77	0.90	2 400	35 711	0.15	46 218	-9 853	32 00 0	12 00 0	1.44	0.82	17.37 9	17.38	18.63	1.00	1.07
	0%	11.02	0.90	2 400	35 280	0.15	48 889	877	32 00 0	12 00 0	1.53	0.07	17.37 9	17.38	18.63	1.00	1.07

Travi (LG) - Verifiche per pressoflessione																	
Id _{Tr}	%L _{Lt}	CS	k _{mod}	A	N _{Ed}	σ _{c,0d}	M _{Ed,3}	M _{Ed,2}	W _x	W _y	σ _{Md,X}	σ _{Md,Y}	f _{c,0d}	f _{m,X,d}	f _{m,Y,d}	K _{h,X}	K _{h,Y}
	[%]			[cm²]	[N]	[N/mm²]	[N-m]	[N-m]	[cm³]	[cm³]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]		
Trave Legno 7a-8a	25.0%	19.16	0.90	2 400	35 280	0.15	28 222	435	32 000	12 000	0.88	0.04	17.379	17.38	18.63	1.00	1.07
	50.0%	55.85	1.10	2 400	34 573	0.14	7 196	-2 838	32 000	12 000	0.22	0.24	21.241	21.24	22.77	1.00	1.07
	75.0%	36.29	1.10	2 400	33 945	0.14	-11 164	-4 328	32 000	12 000	0.35	0.36	21.241	21.24	22.77	1.00	1.07
	100.0 %	16.00	0.90	2 400	31 389	0.13	-32 962	-1 018	32 000	12 000	1.03	0.08	17.379	17.38	18.63	1.00	1.07
	0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	25.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	50.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Trave Legno 4a-9a	100%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	0%	8.68	0.90	2 400	35 136	0.15	45 585	10 585	32 000	12 000	1.42	0.88	17.379	17.38	18.63	1.00	1.07
	25.0%	12.74	0.90	2 400	35 136	0.15	25 149	10 451	32 000	12 000	0.79	0.87	17.379	17.38	18.63	1.00	1.07
	50.0%	19.09	0.90	2 400	35 136	0.15	4 889	10 317	32 000	12 000	0.15	0.86	17.379	17.38	18.63	1.00	1.07
Trave Legno 8a-9a	75.0%	15.44	0.90	2 400	33 342	0.14	-15 487	10 106	32 000	12 000	0.48	0.84	17.379	17.38	18.63	1.00	1.07
	100.0 %	10.55	0.90	2 400	33 342	0.14	-35 352	9 937	32 000	12 000	1.10	0.83	17.379	17.38	18.63	1.00	1.07
	0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	25.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	50.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Trave Legno 5a-10a	100.0 %	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	0%	34.65	1.10	2 400	18 234	0.08	-13 501	3 508	32 000	12 000	0.42	0.29	21.241	21.24	22.77	1.00	1.07
	25.0%	37.85	1.10	2 400	17 841	0.07	-10 874	4 063	32 000	12 000	0.34	0.34	21.241	21.24	22.77	1.00	1.07
	50.0%	33.72	1.10	2 400	10 991	0.05	-7 764	5 916	32 000	12 000	0.24	0.49	21.241	21.24	22.77	1.00	1.07
Trave Legno 1a-6a	75.0%	27.14	1.10	2 400	10 991	0.05	-8 293	7 731	32 000	12 000	0.26	0.64	21.241	21.24	22.77	1.00	1.07
	100.0 %	22.77	1.10	2 400	10 991	0.05	-8 717	9 543	32 000	12 000	0.27	0.80	21.241	21.24	22.77	1.00	1.07
	0%	37.06	1.10	2 400	6 011	0.03	-6 116	5 651	32 000	12 000	0.19	0.47	21.241	21.24	22.77	1.00	1.07
	25.0%	45.23	1.10	2 400	6 011	0.03	-5 257	4 561	32 000	12 000	0.16	0.38	21.241	21.24	22.77	1.00	1.07
	50.0%	48.46	0.90	2 400	915	0.00	-8 967	-1 441	32 000	12 000	0.28	0.12	17.379	17.38	18.63	1.00	1.07
	75.0%	42.55	0.90	2 400	929	0.00	-8 397	-2 683	32 000	12 000	0.26	0.22	17.379	17.38	18.63	1.00	1.07
Trave Legno 6a-7a	100.0 %	35.45	1.10	2 400	940	0.00	-8 273	-5 378	32 000	12 000	0.26	0.45	21.241	21.24	22.77	1.00	1.07
	0%	56.34	1.10	384	155	0.00	544	0	1 536	1 024	0.35	0.00	18.207	19.95	20.03	1.10	1.10
	25.0%	11.77	1.10	384	155	0.00	-2 605	0	1 536	1 024	1.70	0.00	18.207	19.95	20.03	1.10	1.10
	50.0%	9.03	1.10	384	155	0.00	-3 396	0	1 536	1 024	2.21	0.00	18.207	19.95	20.03	1.10	1.10
Trave Legno 2a-7a	75.0%	12.38	1.10	384	155	0.00	-2 476	0	1 536	1 024	1.61	0.00	18.207	19.95	20.03	1.10	1.10
	100%	73.32	1.10	384	155	0.00	418	0	1 536	1 024	0.27	0.00	18.207	19.95	20.03	1.10	1.10
	0%	8.77	0.90	2 400	35 711	0.15	46 235	-9 852	32 000	12 000	1.44	0.82	17.379	17.38	18.63	1.00	1.07
	25.0%	12.66	0.90	2 400	35 711	0.15	25 811	-10 377	32 000	12 000	0.81	0.86	17.379	17.38	18.63	1.00	1.07
	50.0%	17.91	0.90	2 400	35 711	0.15	5 566	-10 898	32 000	12 000	0.17	0.91	17.379	17.38	18.63	1.00	1.07
	75.0%	14.30	0.90	2 400	31 954	0.13	-14 703	-11 480	32 000	12 000	0.46	0.96	17.379	17.38	18.63	1.00	1.07
Trave Legno 6a-11a	100.0 %	10.00	0.90	2 400	31 954	0.13	-34 579	-12 048	32 000	12 000	1.08	1.00	17.379	17.38	18.63	1.00	1.07
	0%	33.33	1.10	2 400	6 580	0.03	-10 023	-5 377	32 000	12 000	0.31	0.45	21.241	21.24	22.77	1.00	1.07
	25.0%	38.26	1.10	2 400	5 163	0.02	-6 116	-5 420	32 000	12 000	0.19	0.45	21.241	21.24	22.77	1.00	1.07
	50.0%	36.78	1.10	2 400	2 419	0.01	-2 201	-6 808	32 000	12 000	0.07	0.57	21.241	21.24	22.77	1.00	1.07
Trave Legno 11a-12a	75.0%	30.51	1.10	2 400	2 419	0.01	3 066	-8 092	32 000	12 000	0.10	0.67	21.241	21.24	22.77	1.00	1.07
	100.0 %	24.93	1.10	2 400	2 419	0.01	5 630	-9 374	32 000	12 000	0.18	0.78	21.241	21.24	22.77	1.00	1.07
	0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	25.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	50.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00

Travi (LG) - Verifiche per pressoflessione																	
Id _{Tr}	%L _{Lt}	CS	k _{mod}	A	N _{Ed}	σ _{c,0d}	M _{Ed,3}	M _{Ed,2}	W _x	W _y	σ _{Md,x}	σ _{Md,y}	f _{c,0d}	f _{m,x,d}	f _{m,y,d}	K _{h,x}	K _{h,y}
	[%]			[cm ²]	[N]	[N/mm ²]	[N-m]	[N-m]	[cm ³]	[cm ³]	[N/mm ²]	[N/mm ²]	[N/mm ²]	[N/mm ²]	[N/mm ²]		
Trave Legno 7a-12a	100%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	0%	10.01	0.90	2 400	31 954	0.13	-34 564	-12 048	32 000	12 000	1.08	1.00	17.379	17.38	18.63	1.00	1.07
	25.0%	8.14	0.90	2 400	31 954	0.13	-50 055	-10 486	32 000	12 000	1.56	0.87	17.379	17.38	18.63	1.00	1.07
	50.0%	6.87	0.90	2 400	31 954	0.13	-65 372	-8 926	32 000	12 000	2.04	0.74	17.379	17.38	18.63	1.00	1.07
	75.0%	5.96	0.90	2 400	31 954	0.13	-80 513	-7 363	32 000	12 000	2.52	0.61	17.379	17.38	18.63	1.00	1.07
Trave Legno 8a-13a	100.0 %	5.27	0.90	2 400	31 954	0.13	-95 481	-5 805	32 000	12 000	2.98	0.48	17.379	17.38	18.63	1.00	1.07
	0%	16.00	0.90	2 400	31 389	0.13	-32 964	-1 016	32 000	12 000	1.03	0.08	17.379	17.38	18.63	1.00	1.07
	25.0%	10.91	0.90	2 400	31 389	0.13	-48 668	-1 299	32 000	12 000	1.52	0.11	17.379	17.38	18.63	1.00	1.07
	50.0%	8.30	0.90	2 400	31 389	0.13	-64 202	-1 581	32 000	12 000	2.01	0.13	17.379	17.38	18.63	1.00	1.07
	75.0%	6.71	0.90	2 400	31 389	0.13	-79 558	-1 864	32 000	12 000	2.49	0.16	17.379	17.38	18.63	1.00	1.07
Trave Legno 12a-13a	100.0 %	5.65	0.90	2 400	31 389	0.13	-94 738	-2 146	32 000	12 000	2.96	0.18	17.379	17.38	18.63	1.00	1.07
	0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	25.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	50.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Trave Legno 9a-14a	100%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	0%	10.56	0.90	2 400	33 342	0.14	-35 340	9 939	32 000	12 000	1.10	0.83	17.379	17.38	18.63	1.00	1.07
	25.0%	8.62	0.90	2 400	35 136	0.15	-50 570	8 003	32 000	12 000	1.58	0.67	17.379	17.38	18.63	1.00	1.07
	50.0%	7.29	0.90	2 400	35 136	0.15	-65 889	5 960	32 000	12 000	2.06	0.50	17.379	17.38	18.63	1.00	1.07
	75.0%	6.33	0.90	2 400	35 136	0.15	-81 034	3 916	32 000	12 000	2.53	0.33	17.379	17.38	18.63	1.00	1.07
Trave Legno 13a-14a	100.0 %	5.60	0.90	2 400	35 136	0.15	-96 002	1 874	32 000	12 000	3.00	0.16	17.379	17.38	18.63	1.00	1.07
	0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	25.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	50.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Trave Legno 10a-15a	100.0 %	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	0%	23.56	1.10	2 400	10 402	0.04	-7 285	9 543	32 000	12 000	0.23	0.80	21.241	21.24	22.77	1.00	1.07
	25.0%	35.44	1.10	2 400	10 402	0.04	-4 832	6 348	32 000	12 000	0.15	0.53	21.241	21.24	22.77	1.00	1.07
	50.0%	52.41	1.10	2 400	14 200	0.06	-2 549	4 493	32 000	12 000	0.08	0.37	21.241	21.24	22.77	1.00	1.07
	75.0%	37.75	1.10	2 400	6 795	0.03	-1 888	-6 705	32 000	12 000	0.06	0.56	21.241	21.24	22.77	1.00	1.07
Trave Legno 32a-33a	100.0 %	25.40	1.10	2 400	6 795	0.03	3 150	-9 868	32 000	12 000	0.10	0.82	21.241	21.24	22.77	1.00	1.07
	0%	24.87	1.10	384	7 079	0.18	1 435	0	1 536	1 024	0.93	0.00	21.241	23.28	23.37	1.10	1.10
	25.0%	11.50	1.10	384	7 079	0.18	-3 108	0	1 536	1 024	2.02	0.00	21.241	23.28	23.37	1.10	1.10
	50.0%	10.17	1.10	384	966	0.03	-3 516	0	1 536	1 024	2.29	0.00	21.241	23.28	23.37	1.10	1.10
	75.0%	11.49	1.10	384	6 046	0.16	-3 109	0	1 536	1 024	2.02	0.00	21.241	23.28	23.37	1.10	1.10
Trave Legno 24a-29a	100%	24.94	1.10	384	6 046	0.16	1 432	0	1 536	1 024	0.93	0.00	21.241	23.28	23.37	1.10	1.10
	0%	22.90	0.90	2 400	1 992	0.01	-9 218	-7 169	32 000	12 000	0.29	0.60	17.379	17.38	18.63	1.00	1.07
	25.0%	25.98	0.90	2 400	1 992	0.01	-7 989	-6 355	32 000	12 000	0.25	0.53	17.379	17.38	18.63	1.00	1.07
	50.0%	30.22	0.90	2 400	1 992	0.01	-6 606	-5 539	32 000	12 000	0.21	0.46	17.379	17.38	18.63	1.00	1.07
	75.0%	36.34	0.90	2 400	1 992	0.01	-5 070	-4 724	32 000	12 000	0.16	0.39	17.379	17.38	18.63	1.00	1.07
Trave Legno 27a-28a	100%	26.63	1.10	2 400	3 325	0.01	-4 906	-8 877	32 000	12 000	0.15	0.74	21.241	21.24	22.77	1.00	1.07
	0%	45.82	1.10	384	2 548	0.07	780	0	1 536	1 024	0.51	0.00	21.241	23.28	23.37	1.10	1.10
	25.0%	12.51	1.10	384	2 548	0.07	-2 859	0	1 536	1 024	1.86	0.00	21.241	23.28	23.37	1.10	1.10
	50.0%	10.13	1.10	384	2 548	0.07	-3 531	0	1 536	1 024	2.30	0.00	21.241	23.28	23.37	1.10	1.10
	75.0%	12.51	1.10	384	2 498	0.07	-2 858	0	1 536	1 024	1.86	0.00	21.241	23.28	23.37	1.10	1.10
Trave Legno 19a-24a	100%	45.94	1.10	384	2 498	0.07	778	0	1 536	1 024	0.51	0.00	21.241	23.28	23.37	1.10	1.10
	0%	25.91	1.10	2 400	7 552	0.03	-4 263	-9 344	32 000	12 000	0.13	0.78	21.241	21.24	22.77	1.00	1.07

Travi (LG) - Verifiche per pressoflessione																	
Id _{Tr}	%L _{Lt}	CS	k _{mod}	A	N _{Ed}	σ _{c,0d}	M _{Ed,3}	M _{Ed,2}	W _x	W _y	σ _{Md,x}	σ _{Md,y}	f _{c,0d}	f _{m,x,d}	f _{m,y,d}	K _{h,x}	K _{h,y}
	[%]			[cm²]	[N]	[N/mm²]	[N-m]	[N-m]	[cm³]	[cm³]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]		
Trave Legno 22a-23a	25.0%	34.95	0.90	2 400	1 992	0.01	-5 600	-4 820	32 000	12 000	0.18	0.40	17.379	17.38	18.63	1.00	1.07
	50.0%	29.56	0.90	2 400	1 992	0.01	-6 965	-5 601	32 000	12 000	0.22	0.47	17.379	17.38	18.63	1.00	1.07
	75.0%	25.74	0.90	2 400	1 992	0.01	-8 171	-6 385	32 000	12 000	0.26	0.53	17.379	17.38	18.63	1.00	1.07
	100.0 %	22.89	0.90	2 400	1 992	0.01	-9 224	-7 170	32 000	12 000	0.29	0.60	17.379	17.38	18.63	1.00	1.07
	0%	29.94	1.10	384	6 531	0.17	1 192	0	1 536	1 024	0.78	0.00	21.241	23.28	23.37	1.10	1.10
	25.0%	11.10	1.10	384	6 531	0.17	-3 218	0	1 536	1 024	2.10	0.00	21.241	23.28	23.37	1.10	1.10
	50.0%	9.60	1.10	384	1 214	0.03	-3 723	0	1 536	1 024	2.42	0.00	21.241	23.28	23.37	1.10	1.10
	75.0%	11.11	1.10	384	5 795	0.15	-3 216	0	1 536	1 024	2.09	0.00	21.241	23.28	23.37	1.10	1.10
Trave Legno 9-19a	100%	29.93	1.10	384	5 795	0.15	1 193	0	1 536	1 024	0.78	0.00	21.241	23.28	23.37	1.10	1.10
	0%	26.98	1.10	2 400	11 782	0.05	8 319	7 782	32 000	12 000	0.26	0.65	21.241	21.24	22.77	1.00	1.07
	25.0%	45.40	1.10	2 400	11 782	0.05	5 536	4 459	32 000	12 000	0.17	0.37	21.241	21.24	22.77	1.00	1.07
	50.0%	57.13	1.10	2 400	1 324	0.01	2 951	-3 952	32 000	12 000	0.09	0.33	21.241	21.24	22.77	1.00	1.07
Trave Legno 19a-20a	75.0%	36.53	1.10	2 400	4 000	0.02	-2 993	-6 637	32 000	12 000	0.09	0.55	21.241	21.24	22.77	1.00	1.07
	100.0 %	24.93	1.10	2 400	4 000	0.02	-5 739	-9 343	32 000	12 000	0.18	0.78	21.241	21.24	22.77	1.00	1.07
	0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	25.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Trave Legno 17a-21a	50.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	100%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	0%	3.97	0.90	2 400	31 396	0.13	-135 282	-2 744	32 000	12 000	4.23	0.23	17.379	17.38	18.63	1.00	1.07
Trave Legno 20a-21a	25.0%	3.85	0.90	2 400	31 396	0.13	-139 737	-2 716	32 000	12 000	4.37	0.23	17.379	17.38	18.63	1.00	1.07
	50.0%	3.74	0.90	2 400	31 396	0.13	-143 967	-2 684	32 000	12 000	4.50	0.22	17.379	17.38	18.63	1.00	1.07
	75.0%	3.64	0.90	2 400	31 396	0.13	-147 961	-2 658	32 000	12 000	4.62	0.22	17.379	17.38	18.63	1.00	1.07
	100.0 %	3.56	0.90	2 400	31 396	0.13	-151 724	-2 629	32 000	12 000	4.74	0.22	17.379	17.38	18.63	1.00	1.07
Trave Legno 18a-22a	0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	25.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	50.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Trave Legno 21a-22a	100%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	0%	3.56	0.90	2 400	30 507	0.13	-126 797	-16 924	32 000	12 000	3.96	1.41	17.379	17.38	18.63	1.00	1.07
	25.0%	3.63	0.90	2 400	30 507	0.13	-131 142	-12 626	32 000	12 000	4.10	1.05	17.379	17.38	18.63	1.00	1.07
	50.0%	3.71	0.90	2 400	30 507	0.13	-135 266	-8 329	32 000	12 000	4.23	0.69	17.379	17.38	18.63	1.00	1.07
Trave Legno 24a-25a	75.0%	3.80	0.90	2 400	30 507	0.13	-139 153	-4 029	32 000	12 000	4.35	0.34	17.379	17.38	18.63	1.00	1.07
	100.0 %	3.87	0.90	2 400	35 138	0.15	-142 891	542	32 000	12 000	4.47	0.05	17.379	17.38	18.63	1.00	1.07
	0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	25.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Trave Legno 21a-26a	50.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	100.0 %	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Trave Legno 25a-26a	25.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	50.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	100%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Trave Legno 21a-26a	0%	3.56	0.90	2 400	31 396	0.13	-151 727	-2 629	32 000	12 000	4.74	0.22	17.379	17.38	18.63	1.00	1.07
	25.0%	3.59	0.90	2 400	31 396	0.13	-150 451	-2 618	32 000	12 000	4.70	0.22	17.379	17.38	18.63	1.00	1.07
	50.0%	3.62	0.90	2 400	31 396	0.13	-148 997	-2 604	32 000	12 000	4.66	0.22	17.379	17.38	18.63	1.00	1.07
	75.0%	3.66	0.90	2 400	31 396	0.13	-147 357	-2 594	32 000	12 000	4.60	0.22	17.379	17.38	18.63	1.00	1.07
Trave Legno 25a-26a	100.0 %	3.71	0.90	2 400	31 396	0.13	-145 535	-2 581	32 000	12 000	4.55	0.22	17.379	17.38	18.63	1.00	1.07
	0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	25.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	50.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00

Travi (LG) - Verifiche per pressoflessione																	
Id _{Tr}	%L _{Lt}	CS	k _{mod}	A	N _{Ed}	σ _{c,0d}	M _{Ed,3}	M _{Ed,2}	W _x	W _y	σ _{Md,x}	σ _{Md,y}	f _{c,0d}	f _{m,x,d}	f _{m,y,d}	K _{h,x}	K _{h,y}
	[%]			[cm²]	[N]	[N/mm²]	[N-m]	[N-m]	[cm³]	[cm³]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]		
Trave Legno 22a-27a	50.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	100%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	0%	3.87	0.90	2 400	35 138	0.15	-142 889	543	32 000	12 000	4.47	0.05	17.379	17.38	18.63	1.00	1.07
	25.0%	3.88	0.90	2 400	35 138	0.15	-141 553	1 028	32 000	12 000	4.42	0.09	17.379	17.38	18.63	1.00	1.07
Trave Legno 26a-27a	50.0%	3.90	0.90	2 400	35 138	0.15	-140 037	1 512	32 000	12 000	4.38	0.13	17.379	17.38	18.63	1.00	1.07
	75.0%	3.92	0.90	2 400	35 138	0.15	-138 338	1 999	32 000	12 000	4.32	0.17	17.379	17.38	18.63	1.00	1.07
	100.0 %	3.95	0.90	2 400	32 241	0.13	-136 504	2 460	32 000	12 000	4.27	0.21	17.379	17.38	18.63	1.00	1.07
	0%	40.09	1.10	384	119	0.00	892	0	1 536	1 024	0.58	0.00	21.241	23.28	23.37	1.10	1.10
	25.0%	13.68	1.10	384	119	0.00	-2 614	0	1 536	1 024	1.70	0.00	21.241	23.28	23.37	1.10	1.10
Trave Legno 29a-30a	50.0%	10.74	1.10	384	119	0.00	-3 329	0	1 536	1 024	2.17	0.00	21.241	23.28	23.37	1.10	1.10
	75.0%	13.68	1.10	384	109	0.00	-2 613	0	1 536	1 024	1.70	0.00	21.241	23.28	23.37	1.10	1.10
	100.0 %	40.13	1.10	384	106	0.00	891	0	1 536	1 024	0.58	0.00	21.241	23.28	23.37	1.10	1.10
	0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	25.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Trave Legno 26a-31a	50.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	100%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	0%	3.71	0.90	2 400	31 396	0.13	-145 538	-2 582	32 000	12 000	4.55	0.22	17.379	17.38	18.63	1.00	1.07
	25.0%	3.87	0.90	2 400	31 396	0.13	-139 238	-2 605	32 000	12 000	4.35	0.22	17.379	17.38	18.63	1.00	1.07
Trave Legno 30a-31a	50.0%	4.05	0.90	2 400	31 396	0.13	-132 760	-2 630	32 000	12 000	4.15	0.22	17.379	17.38	18.63	1.00	1.07
	75.0%	4.25	0.90	2 400	31 396	0.13	-126 100	-2 658	32 000	12 000	3.94	0.22	17.379	17.38	18.63	1.00	1.07
	100.0 %	4.49	0.90	2 400	31 396	0.13	-119 256	-2 682	32 000	12 000	3.73	0.22	17.379	17.38	18.63	1.00	1.07
	0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	25.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Trave Legno 27a-32a	50.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	100%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	0%	3.95	0.90	2 400	32 241	0.13	-136 507	2 457	32 000	12 000	4.27	0.20	17.379	17.38	18.63	1.00	1.07
	25.0%	4.18	0.90	2 400	35 138	0.15	-130 101	1 724	32 000	12 000	4.07	0.14	17.379	17.38	18.63	1.00	1.07
Trave Legno 31a-32a	50.0%	4.44	0.90	2 400	35 138	0.15	-123 562	973	32 000	12 000	3.86	0.08	17.379	17.38	18.63	1.00	1.07
	75.0%	4.74	0.90	2 400	35 138	0.15	-116 839	218	32 000	12 000	3.65	0.02	17.379	17.38	18.63	1.00	1.07
	100.0 %	5.01	0.90	2 400	32 302	0.13	-109 972	-632	32 000	12 000	3.44	0.05	17.379	17.38	18.63	1.00	1.07
	0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	25.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Trave Legno 16a-20a	50.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	100.0 %	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	0%	3.80	0.90	2 400	35 714	0.15	-125 868	11 842	32 000	12 000	3.93	0.99	17.379	17.38	18.63	1.00	1.07
	25.0%	3.87	0.90	2 400	35 714	0.15	-130 332	7 570	32 000	12 000	4.07	0.63	17.379	17.38	18.63	1.00	1.07
Trave Legno 20a-25a	50.0%	3.96	0.90	2 400	32 457	0.14	-134 637	3 273	32 000	12 000	4.21	0.27	17.379	17.38	18.63	1.00	1.07
	75.0%	3.95	0.90	2 400	31 957	0.13	-138 603	-1 220	32 000	12 000	4.33	0.10	17.379	17.38	18.63	1.00	1.07
	100.0 %	3.66	0.90	2 400	31 957	0.13	-142 363	-5 448	32 000	12 000	4.45	0.45	17.379	17.38	18.63	1.00	1.07
	0%	3.66	0.90	2 400	31 957	0.13	-142 370	-5 447	32 000	12 000	4.45	0.45	17.379	17.38	18.63	1.00	1.07
	25.0%	3.67	0.90	2 400	31 957	0.13	-141 115	-5 916	32 000	12 000	4.41	0.49	17.379	17.38	18.63	1.00	1.07
Trave Legno 25a-30a	50.0%	3.69	0.90	2 400	31 957	0.13	-139 686	-6 382	32 000	12 000	4.37	0.53	17.379	17.38	18.63	1.00	1.07
	75.0%	3.71	0.90	2 400	31 957	0.13	-138 069	-6 849	32 000	12 000	4.31	0.57	17.379	17.38	18.63	1.00	1.07
	100.0 %	3.73	0.90	2 400	31 957	0.13	-136 269	-7 316	32 000	12 000	4.26	0.61	17.379	17.38	18.63	1.00	1.07
	0%	3.73	0.90	2 400	31 957	0.13	-136 272	-7 317	32 000	12 000	4.26	0.61	17.379	17.38	18.63	1.00	1.07
	25.0%	3.93	0.90	2 400	31 957	0.13	-130 019	-6 585	32 000	12 000	4.06	0.55	17.379	17.38	18.63	1.00	1.07

Travi (LG) - Verifiche per pressoflessione																	
Id _{Tr}	%L _{Lt}	CS	k _{mod}	A	N _{Ed}	σ _{c,0d}	M _{Ed,3}	M _{Ed,2}	W _x	W _y	σ _{Md,x}	σ _{Md,y}	f _{c,0d}	f _{m,x,d}	f _{m,y,d}	K _{h,x}	K _{h,y}
	[%]			[cm²]	[N]	[N/mm²]	[N-m]	[N-m]	[cm³]	[cm³]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]		
Trave Legno 28a-33a	50.0%	4.16	0.90	2 400	31 957	0.13	-123 586	-5 854	32 000	12 000	3.86	0.49	17.379	17.38	18.63	1.00	1.07
	75.0%	4.42	0.90	2 400	31 957	0.13	-116 972	-5 121	32 000	12 000	3.66	0.43	17.379	17.38	18.63	1.00	1.07
	100%	4.72	0.90	2 400	31 957	0.13	-110 171	-4 387	32 000	12 000	3.44	0.37	17.379	17.38	18.63	1.00	1.07
	0%	21.10	1.10	2 400	2 835	0.01	-7 282	10 898	32 000	12 000	0.23	0.91	21.241	21.24	22.77	1.00	1.07
	25.0%	33.05	1.10	2 400	2 835	0.01	-5 759	6 646	32 000	12 000	0.18	0.55	21.241	21.24	22.77	1.00	1.07
Trave Legno 23a-28a	50.0%	72.08	1.10	2 400	2 835	0.01	-4 131	-2 628	32 000	12 000	0.13	0.22	21.241	21.24	22.77	1.00	1.07
	75.0%	58.15	1.10	2 400	1 399	0.01	-3 319	-3 764	32 000	12 000	0.10	0.31	21.241	21.24	22.77	1.00	1.07
	100.0 %	29.42	1.10	2 400	1 399	0.01	-2 366	-8 619	32 000	12 000	0.07	0.72	21.241	21.24	22.77	1.00	1.07
	0%	25.00	1.10	2 400	6 433	0.03	-4 995	-9 520	32 000	12 000	0.16	0.79	21.241	21.24	22.77	1.00	1.07
	25.0%	47.17	1.10	2 400	6 433	0.03	-4 752	-4 454	32 000	12 000	0.15	0.37	21.241	21.24	22.77	1.00	1.07
Trave Legno 13-23a	50.0%	74.82	1.10	2 400	4 997	0.02	-4 444	2 401	32 000	12 000	0.14	0.20	21.241	21.24	22.77	1.00	1.07
	75.0%	33.94	1.10	2 400	3 602	0.02	-4 983	6 648	32 000	12 000	0.16	0.55	21.241	21.24	22.77	1.00	1.07
	100.0 %	21.70	1.10	2 400	3 602	0.02	-6 002	10 899	32 000	12 000	0.19	0.91	21.241	21.24	22.77	1.00	1.07
	0%	20.06	1.10	2 400	10 057	0.04	5 909	-11 954	32 000	12 000	0.18	1.00	21.241	21.24	22.77	1.00	1.07
	25.0%	31.72	1.10	2 400	10 057	0.04	3 172	-7 720	32 000	12 000	0.10	0.64	21.241	21.24	22.77	1.00	1.07
Trave Legno 40a-41a	50.0%	56.47	1.10	2 400	9 455	0.04	742	-4 628	32 000	12 000	0.02	0.39	21.241	21.24	22.77	1.00	1.07
	75.0%	35.66	1.10	2 400	7 789	0.03	-2 006	-7 097	32 000	12 000	0.06	0.59	21.241	21.24	22.77	1.00	1.07
	100.0 %	25.36	1.10	2 400	7 789	0.03	-4 447	-9 519	32 000	12 000	0.14	0.79	21.241	21.24	22.77	1.00	1.07
	0%	28.02	1.10	384	4 185	0.11	1 275	0	1 536	1 024	0.83	0.00	21.241	23.28	23.37	1.10	1.10
	25.0%	11.88	1.10	384	4 185	0.11	-3 008	0	1 536	1 024	1.96	0.00	21.241	23.28	23.37	1.10	1.10
Trave Legno 45a-46a	50.0%	9.99	1.10	384	4 185	0.11	-3 578	0	1 536	1 024	2.33	0.00	21.241	23.28	23.37	1.10	1.10
	75.0%	11.89	1.10	384	2 714	0.07	-3 006	0	1 536	1 024	1.96	0.00	21.241	23.28	23.37	1.10	1.10
	100%	28.01	1.10	384	2 714	0.07	1 276	0	1 536	1 024	0.83	0.00	21.241	23.28	23.37	1.10	1.10
	0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	25.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Trave Legno 50a-51a	50.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	100%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	0%	58.05	1.10	384	223	0.01	616	0	1 536	1 024	0.40	0.00	21.241	23.28	23.37	1.10	1.10
	25.0%	12.97	1.10	384	223	0.01	-2 756	0	1 536	1 024	1.79	0.00	21.241	23.28	23.37	1.10	1.10
Trave Legno 47a-48a	50.0%	9.86	1.10	384	223	0.01	-3 627	0	1 536	1 024	2.36	0.00	21.241	23.28	23.37	1.10	1.10
	75.0%	13.61	1.10	384	187	0.00	-2 627	0	1 536	1 024	1.71	0.00	21.241	23.28	23.37	1.10	1.10
	100%	NS	1.10	384	187	0.00	351	0	1 536	1 024	0.23	0.00	21.241	23.28	23.37	1.10	1.10
	0%	54.08	1.10	384	4 761	0.12	660	0	1 536	1 024	0.43	0.00	21.241	23.28	23.37	1.10	1.10
	25.0%	9.10	1.10	384	256	0.01	-3 928	0	1 536	1 024	2.56	0.00	21.241	23.28	23.37	1.10	1.10
Trave Legno 43a-48a	50.0%	6.84	1.10	384	256	0.01	-5 227	0	1 536	1 024	3.40	0.00	21.241	23.28	23.37	1.10	1.10
	75.0%	9.11	1.10	384	256	0.01	-3 923	0	1 536	1 024	2.55	0.00	21.241	23.28	23.37	1.10	1.10
	100%	53.99	1.10	384	2 230	0.06	662	0	1 536	1 024	0.43	0.00	21.241	23.28	23.37	1.10	1.10
	0%	5.05	0.90	2 400	35 218	0.15	103 744	-3 702	32 000	12 000	3.24	0.31	17.379	17.38	18.63	1.00	1.07
	25.0%	4.06	0.90	2 400	35 218	0.15	132 482	-2 575	32 000	12 000	4.14	0.21	17.379	17.38	18.63	1.00	1.07
Trave Legno 44a-49a	50.0%	3.39	0.90	2 400	35 238	0.15	161 408	-1 459	32 000	12 000	5.04	0.12	17.379	17.38	18.63	1.00	1.07
	75.0%	2.91	0.90	2 400	35 238	0.15	190 507	-345	32 000	12 000	5.95	0.03	17.379	17.38	18.63	1.00	1.07
	100%	2.51	0.90	2 400	35 218	0.15	219 788	802	32 000	12 000	6.87	0.07	17.379	17.38	18.63	1.00	1.07
	0%	5.03	0.90	2 400	34 545	0.14	110 241	-110	32 000	12 000	3.45	0.01	17.379	17.38	18.63	1.00	1.07
	25.0%	3.97	0.90	2 400	34 545	0.14	139 315	444	32 000	12 000	4.35	0.04	17.379	17.38	18.63	1.00	1.07

Travi (LG) - Verifiche per pressoflessione																	
Id _{Tr}	%L _{Lt}	CS	k _{mod}	A	N _{Ed}	σ _{c,0d}	M _{Ed,3}	M _{Ed,2}	W _x	W _y	σ _{Md,X}	σ _{Md,Y}	f _{c,0d}	f _{m,X,d}	f _{m,Y,d}	K _{h,X}	K _{h,Y}
	[%]			[cm²]	[N]	[N/mm²]	[N-m]	[N-m]	[cm³]	[cm³]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]		
Trave Legno 48a-49a	50.0%	3.26	0.90	2 400	34 545	0.14	168 572	999	32 000	12 000	5.27	0.08	17.379	17.38	18.63	1.00	1.07
	75.0%	2.77	0.90	2 400	34 545	0.14	198 010	1 552	32 000	12 000	6.19	0.13	17.379	17.38	18.63	1.00	1.07
	100%	2.40	0.90	2 400	34 545	0.14	227 635	2 107	32 000	12 000	7.11	0.18	17.379	17.38	18.63	1.00	1.07
	0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	25.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	50.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Trave Legno 45a-50a	100%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	0%	4.91	0.90	2 400	33 407	0.14	106 955	3 665	32 000	12 000	3.34	0.31	17.379	17.38	18.63	1.00	1.07
	25.0%	3.91	0.90	2 400	33 407	0.14	135 946	3 518	32 000	12 000	4.25	0.29	17.379	17.38	18.63	1.00	1.07
	50.0%	3.25	0.90	2 400	33 407	0.14	165 117	3 374	32 000	12 000	5.16	0.28	17.379	17.38	18.63	1.00	1.07
	75.0%	2.78	0.90	2 400	33 407	0.14	194 472	3 227	32 000	12 000	6.08	0.27	17.379	17.38	18.63	1.00	1.07
	100%	2.42	0.90	2 400	33 407	0.14	224 012	3 081	32 000	12 000	7.00	0.26	17.379	17.38	18.63	1.00	1.07
	0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Trave Legno 49a-50a	25.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	50.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	100.0 %	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	0%	16.82	1.10	2 400	69 602	0.29	29 803	-6 025	32 000	12 000	0.93	0.50	21.241	21.24	22.77	1.00	1.07
	25.0%	15.01	0.90	2 400	35 218	0.15	31 452	-3 195	32 000	12 000	0.98	0.27	17.379	17.38	18.63	1.00	1.07
	50.0%	9.08	0.90	2 400	35 218	0.15	55 369	-3 361	32 000	12 000	1.73	0.28	17.379	17.38	18.63	1.00	1.07
Trave Legno 42a-43a	75.0%	6.49	0.90	2 400	35 218	0.15	79 472	-3 532	32 000	12 000	2.48	0.29	17.379	17.38	18.63	1.00	1.07
	100.0 %	5.04	0.90	2 400	35 218	0.15	103 757	-3 700	32 000	12 000	3.24	0.31	17.379	17.38	18.63	1.00	1.07
	0%	81.25	1.10	384	1 132	0.03	440	0	1 536	1 024	0.29	0.00	21.241	23.28	23.37	1.10	1.10
	25.0%	12.81	1.10	384	1 132	0.03	-2 792	0	1 536	1 024	1.82	0.00	21.241	23.28	23.37	1.10	1.10
	50.0%	9.93	1.10	384	1 132	0.03	-3 601	0	1 536	1 024	2.34	0.00	21.241	23.28	23.37	1.10	1.10
	75.0%	12.83	1.10	384	88	0.00	-2 788	0	1 536	1 024	1.82	0.00	21.241	23.28	23.37	1.10	1.10
	100%	81.08	1.10	384	88	0.00	441	0	1 536	1 024	0.29	0.00	21.241	23.28	23.37	1.10	1.10
Trave Legno 39a-44a	0%	16.28	1.10	2 400	51 806	0.22	31 634	-5 776	32 000	12 000	0.99	0.48	21.241	21.24	22.77	1.00	1.07
	25.0%	14.11	0.80	2 400	30 503	0.13	33 024	-1 133	32 000	12 000	1.03	0.09	15.448	15.45	16.56	1.00	1.07
	50.0%	8.85	0.80	2 400	30 503	0.13	54 415	-793	32 000	12 000	1.70	0.07	15.448	15.45	16.56	1.00	1.07
	75.0%	6.43	0.90	2 400	34 545	0.14	85 639	-480	32 000	12 000	2.68	0.04	17.379	17.38	18.63	1.00	1.07
	100.0 %	5.03	0.90	2 400	34 545	0.14	110 241	-109	32 000	12 000	3.45	0.01	17.379	17.38	18.63	1.00	1.07
	0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	25.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Trave Legno 40a-45a	50.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	100%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	0%	17.66	1.10	2 400	68 060	0.28	30 300	-4 634	32 000	12 000	0.95	0.39	21.241	21.24	22.77	1.00	1.07
	25.0%	15.58	0.80	2 400	28 852	0.12	30 431	734	32 000	12 000	0.95	0.06	15.448	15.45	16.56	1.00	1.07
	50.0%	9.06	0.90	2 400	33 346	0.14	58 096	1 857	32 000	12 000	1.82	0.15	17.379	17.38	18.63	1.00	1.07
	75.0%	6.37	0.90	2 400	33 346	0.14	82 427	2 766	32 000	12 000	2.58	0.23	17.379	17.38	18.63	1.00	1.07
Trave Legno 44a-45a	100.0 %	4.90	0.90	2 400	33 407	0.14	106 970	3 665	32 000	12 000	3.34	0.31	17.379	17.38	18.63	1.00	1.07
	0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	25.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	50.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	100.0 %	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	0%	6.61	0.90	2 400	35 719	0.15	-77 184	3 985	32 000	12 000	2.41	0.33	17.379	17.38	18.63	1.00	1.07
Trave Legno 34a-38a	25.0%	9.21	0.90	2 400	32 462	0.14	-56 464	2 219	32 000	12 000	1.76	0.18	17.379	17.38	18.63	1.00	1.07

Travi (LG) - Verifiche per pressoflessione																	
Id _{Tr}	%L _{Lt}	CS	k _{mod}	A	N _{Ed}	σ _{c,0d}	M _{Ed,3}	M _{Ed,2}	W _x	W _y	σ _{Md,X}	σ _{Md,Y}	f _{c,0d}	f _{m,X,d}	f _{m,Y,d}	K _{h,X}	K _{h,Y}
	[%]			[cm²]	[N]	[N/mm²]	[N-m]	[N-m]	[cm³]	[cm³]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]		
Trave Legno 37a-38a	50.0%	15.30	0.90	2 400	32 462	0.14	-35 408	515	32 000	12 000	1.11	0.04	17.379	17.38	18.63	1.00	1.07
	75.0%	22.23	1.10	2 400	27 948	0.12	-22 972	-4 352	32 000	12 000	0.72	0.36	21.241	21.24	22.77	1.00	1.07
	100.0%	16.16	1.10	2 400	27 948	0.12	31 555	-6 024	32 000	12 000	0.99	0.50	21.241	21.24	22.77	1.00	1.07
	0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	25.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	50.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Trave Legno 35a-39a	100%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	0%	7.09	0.90	2 400	31 398	0.13	-73 265	-2 949	32 000	12 000	2.29	0.25	17.379	17.38	18.63	1.00	1.07
	25.0%	9.81	0.90	2 400	32 142	0.13	-52 470	-2 415	32 000	12 000	1.64	0.20	17.379	17.38	18.63	1.00	1.07
Trave Legno 38a-39a	50.0%	15.98	0.90	2 400	32 142	0.13	-31 103	-2 103	32 000	12 000	0.97	0.18	17.379	17.38	18.63	1.00	1.07
	75.0%	25.28	1.10	2 400	48 930	0.20	-18 461	-4 801	32 000	12 000	0.58	0.40	21.241	21.24	22.77	1.00	1.07
	100.0%	15.96	1.10	2 400	48 930	0.20	32 463	-5 775	32 000	12 000	1.01	0.48	21.241	21.24	22.77	1.00	1.07
	0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	25.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	50.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Trave Legno 36a-40a	100%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	0%	5.99	0.90	2 400	32 305	0.13	-76 320	-9 445	32 000	12 000	2.39	0.79	17.379	17.38	18.63	1.00	1.07
	25.0%	8.23	0.90	2 400	32 305	0.13	-55 286	-7 053	32 000	12 000	1.73	0.59	17.379	17.38	18.63	1.00	1.07
	50.0%	13.19	0.90	2 400	32 305	0.13	-34 031	-4 658	32 000	12 000	1.06	0.39	17.379	17.38	18.63	1.00	1.07
	75.0%	24.24	1.10	2 400	28 665	0.12	-20 151	-4 518	32 000	12 000	0.63	0.38	21.241	21.24	22.77	1.00	1.07
	100.0%	16.94	1.10	2 400	28 665	0.12	32 040	-4 633	32 000	12 000	1.00	0.39	21.241	21.24	22.77	1.00	1.07
	0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Trave Legno 39a-40a	25.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	50.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	100.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	0%	31.70	0.90	2 400	3 066	0.01	-9 819	-4 288	32 000	12 000	0.31	0.36	17.379	17.38	18.63	1.00	1.07
	25.0%	32.92	0.90	2 400	3 368	0.01	-10 545	-3 644	32 000	12 000	0.33	0.30	17.379	17.38	18.63	1.00	1.07
	50.0%	34.10	0.90	2 400	3 415	0.01	-11 077	-3 004	32 000	12 000	0.35	0.25	17.379	17.38	18.63	1.00	1.07
Trave Legno 37a-42a	75.0%	35.61	0.90	2 400	3 415	0.01	-11 397	-2 423	32 000	12 000	0.36	0.20	17.379	17.38	18.63	1.00	1.07
	100%	36.78	1.10	2 400	5 553	0.02	-12 986	-3 154	32 000	12 000	0.41	0.26	21.241	21.24	22.77	1.00	1.07
	0%	27.75	1.10	2 400	12 790	0.05	5 105	-8 408	32 000	12 000	0.16	0.70	21.241	21.24	22.77	1.00	1.07
	25.0%	34.06	1.10	2 400	12 790	0.05	-2 474	-7 323	32 000	12 000	0.08	0.61	21.241	21.24	22.77	1.00	1.07
	50.0%	38.78	1.10	2 400	6 664	0.03	-2 775	-6 264	32 000	12 000	0.09	0.52	21.241	21.24	22.77	1.00	1.07
	75.0%	38.30	0.90	2 400	3 066	0.01	-6 918	-3 889	32 000	12 000	0.22	0.32	17.379	17.38	18.63	1.00	1.07
	100.0%	31.68	0.90	2 400	3 066	0.01	-9 833	-4 289	32 000	12 000	0.31	0.36	17.379	17.38	18.63	1.00	1.07
Trave Legno 18-37a	0%	16.00	0.90	2 400	3 089	0.01	23 427	6 500	32 000	12 000	0.73	0.54	17.379	17.38	18.63	1.00	1.07
	25.0%	21.82	0.90	2 400	3 089	0.01	18 066	4 262	32 000	12 000	0.56	0.36	17.379	17.38	18.63	1.00	1.07
	50.0%	34.02	0.90	2 400	3 089	0.01	12 820	2 025	32 000	12 000	0.40	0.17	17.379	17.38	18.63	1.00	1.07
Trave Legno 22-41a	75.0%	42.53	1.10	2 400	9 253	0.04	7 401	-4 341	32 000	12 000	0.23	0.36	21.241	21.24	22.77	1.00	1.07
	100.0%	26.47	1.10	2 400	9 253	0.04	6 792	-8 408	32 000	12 000	0.21	0.70	21.241	21.24	22.77	1.00	1.07
	0%	19.53	1.10	2 400	133	0.00	16 369	-9 383	32 000	12 000	0.51	0.78	21.241	21.24	22.77	1.00	1.07
	25.0%	26.82	1.10	2 400	133	0.00	13 047	-6 516	32 000	12 000	0.41	0.54	21.241	21.24	22.77	1.00	1.07
	50.0%	32.36	1.10	2 400	770	0.00	9 666	-5 724	32 000	12 000	0.30	0.48	21.241	21.24	22.77	1.00	1.07
	75.0%	37.49	1.10	2 400	770	0.00	6 436	-5 476	32 000	12 000	0.20	0.46	21.241	21.24	22.77	1.00	1.07
	100.0%	44.38	1.10	2 400	770	0.00	3 306	-5 225	32 000	12 000	0.10	0.44	21.241	21.24	22.77	1.00	1.07
Trave Legno	0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00

Travi (LG) - Verifiche per pressoflessione																	
Id _{Tr}	%L _{Li}	CS	k _{mod}	A	N _{Ed}	σ _{c,0d}	M _{Ed,3}	M _{Ed,2}	W _x	W _y	σ _{Md,X}	σ _{Md,Y}	f _{c,0d}	f _{m,X,d}	f _{m,Y,d}	K _{h,X}	K _{h,Y}
	[%]			[cm²]	[N]	[N/mm²]	[N-m]	[N-m]	[cm³]	[cm³]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]		
41a-46a	25.0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	50.0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	100.0 %	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Trave Legno 46a-51a	0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	25.0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	50.0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Trave Legno 48a-27	100%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	0%	2.51	0.90	2 400	35 218	0.15	219 784	803	32 000	12 000	6.87	0.07	17.379	17.38	18.63	1.00	1.07
	24.8%	2.42	0.90	2 400	35 218	0.15	226 791	1 550	32 000	12 000	7.09	0.13	17.379	17.38	18.63	1.00	1.07
	50.0%	2.34	0.90	2 400	35 218	0.15	233 805	2 298	32 000	12 000	7.31	0.19	17.379	17.38	18.63	1.00	1.07
Trave Legno 49a-28	74.8%	2.26	0.90	2 400	35 218	0.15	240 828	3 044	32 000	12 000	7.53	0.25	17.379	17.38	18.63	1.00	1.07
	100%	2.19	0.90	2 400	35 218	0.15	247 856	3 791	32 000	12 000	7.75	0.32	17.379	17.38	18.63	1.00	1.07
	0%	2.40	0.90	2 400	34 545	0.14	227 633	2 107	32 000	12 000	7.11	0.18	17.379	17.38	18.63	1.00	1.07
	24.8%	2.33	0.90	2 400	34 545	0.14	234 718	2 295	32 000	12 000	7.33	0.19	17.379	17.38	18.63	1.00	1.07
Trave Legno 27-28	50.0%	2.26	0.90	2 400	34 545	0.14	241 806	2 480	32 000	12 000	7.56	0.21	17.379	17.38	18.63	1.00	1.07
	74.8%	2.19	0.90	2 400	34 545	0.14	248 904	2 670	32 000	12 000	7.78	0.22	17.379	17.38	18.63	1.00	1.07
	100%	2.13	0.90	2 400	34 545	0.14	256 006	2 859	32 000	12 000	8.00	0.24	17.379	17.38	18.63	1.00	1.07
	0%	22.56	1.10	2 400	12 170	0.05	24 785	3 070	32 000	12 000	0.77	0.26	21.241	21.24	22.77	1.00	1.07
Trave Legno 50a-29	25.0%	43.81	1.10	2 400	12 170	0.05	-12 740	1 591	32 000	12 000	0.40	0.13	21.241	21.24	22.77	1.00	1.07
	50.0%	NS	1.10	2 400	11 493	0.05	-3 324	199	32 000	12 000	0.10	0.02	21.241	21.24	22.77	1.00	1.07
	75.0%	64.37	1.10	2 400	9 359	0.04	8 164	-1 374	32 000	12 000	0.26	0.11	21.241	21.24	22.77	1.00	1.07
	100%	25.30	1.10	2 400	9 359	0.04	21 893	-2 856	32 000	12 000	0.68	0.24	21.241	21.24	22.77	1.00	1.07
Trave Legno 50a-29	0%	2.42	0.90	2 400	33 407	0.14	224 007	3 082	32 000	12 000	7.00	0.26	17.379	17.38	18.63	1.00	1.07
	24.8%	2.36	0.90	2 400	33 407	0.14	231 073	2 725	32 000	12 000	7.22	0.23	17.379	17.38	18.63	1.00	1.07
	50.0%	2.30	0.90	2 400	33 407	0.14	238 146	2 366	32 000	12 000	7.44	0.20	17.379	17.38	18.63	1.00	1.07
	74.8%	2.24	0.90	2 400	33 407	0.14	245 223	2 004	32 000	12 000	7.66	0.17	17.379	17.38	18.63	1.00	1.07
	100%	2.18	0.90	2 400	33 407	0.14	252 309	1 645	32 000	12 000	7.88	0.14	17.379	17.38	18.63	1.00	1.07

LEGENDA:

Id_{Tr}	Identificativo della trave.
%L_{Li}	Posizione della sezione per la quale vengono forniti i valori di verifica, valutata come % della lunghezza libera d'inflessione (L _{Li}), a partire dall'estremo iniziale.
CS	Coefficiente di sicurezza ([NS] = Non Significativo se CS ≥ 100; [VNR]= Verifica Non Richiesta; Informazioni aggiuntive sulla condizione: [V] = statica; [E] = eccezionale; [S] = sismica; [N] = sismica non lineare).
k_{mod}	Coefficiente di riduzione per Classe di Servizio e di Durata del carico.
A	Area della sezione.
N_{Ed}	Sforzo normale di progetto.
σ_{c,0d}	Tensione di progetto a compressione in direzione parallela alla fibratura.
M_{Ed,3}	Momento flettente di progetto intorno a 3.
M_{Ed,2}	Momento flettente di progetto intorno a 2.
W_x	Modulo di resistenza rispetto alla direzione locale X.
W_y	Modulo di resistenza rispetto alla direzione locale Y.
σ_{Md,X}	Tensione per Momento di progetto rispetto alla direzione locale X.
σ_{Md,Y}	Tensione per Momento di progetto rispetto alla direzione locale Y.
f_{c,0d}	Tensione resistente a compressione in direzione parallela alla fibratura.
f_{m,X,d}	Tensione resistente per Flessione rispetto alla direzione locale X.
f_{m,Y,d}	Tensione resistente per Flessione rispetto alla direzione locale Y.
K_{h,X}	Coefficiente di amplificazione della resistenza a flessione rispetto alla direzione locale X.
K_{h,Y}	Coefficiente di amplificazione della resistenza a flessione rispetto alla direzione locale Y.

TRAVI (LG) - VERIFICHE PER TENSOFFLESSIONE (Elevazione) allo SLU

Travi (LG) - Verifiche per tensoflessione																	
Id _{Tr}	%L _{Li}	CS	k _{mod}	A	N _{Ed}	σ _{t0d}	M _{Ed,3}	M _{Ed,2}	W _x	W _y	σ _{Md,X}	σ _{Md,Y}	f _{t0d}	f _{m,X,d}	f _{m,Y,d}	K _{h,X}	K _{h,Y}
	[%]			[cm²]	[N]	[N/mm²]	[N-m]	[N-m]	[cm³]	[cm³]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]		
Piano copertura										Piano copertura							
Trave Legno 47a-26	0%	29.37	1.10	2 400	-19 515	-0.08	-14 382	-3 156	32 000	12 000	-0.45	-0.26	16.92	21.24	22.77	1.00	1.07
	24.9%	39.44	1.10	2 400	-19 515	-0.08	-10 610	-1 927	32 000	12 000	-0.33	-0.16	16.92	21.24	22.77	1.00	1.07
	50.0%	60.35	1.10	2 400	-19 515	-0.08	-6 787	-694	32 000	12 000	-0.21	-0.06	16.92	21.24	22.77	1.00	1.07

Travi (LG) - Verifiche per tensoflessione																		
Id _{Tr}	%L _{Lt}	CS	k _{mod}	A	N _{Ed}	σ _{t0d}	M _{Ed,3}	M _{Ed,2}	W _x	W _y	σ _{Md,X}	σ _{Md,Y}	f _{t0d}	f _{m,X,d}	f _{m,Y,d}	K _{h,X}	K _{h,Y}	K _h
	[%]			[cm²]	[N]	[N/mm²]	[N·m]	[N·m]	[cm³]	[cm³]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]			
Trave Legno 11a-9	74.9%	60.0 7	1.10	2 400	-27	0.00	-10 37 8	536	32 00 0	12 00 0	-0.32	-0.04	16.92	21.24	22.77	1.00	1.07	1.00
	100%	42.9 3	1.10	2 400	-27	0.00	-12 75 2	1 767	32 00 0	12 00 0	-0.40	-0.15	16.92	21.24	22.77	1.00	1.07	1.00
	0%	22.7 2	1.10	2 400	-8 799	-0.04	7 310	-9 374	32 00 0	12 00 0	-0.23	-0.78	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	33.7 4	1.10	2 400	-11 478	-0.05	10 13 3	-4 475	32 00 0	12 00 0	-0.32	-0.37	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	39.8 6	1.10	2 400	-4 093	-0.02	8 875	-4 081	32 00 0	12 00 0	-0.28	-0.34	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 29a-18	75.0%	25.0 5	1.10	2 400	-1 168	0.00	11 93 8	7 467	32 00 0	12 00 0	-0.37	-0.62	16.92	21.24	22.77	1.00	1.07	1.00
	100.0 %	17.9 5	1.10	2 400	-1 168	0.00	15 04 3	10 90 7	32 00 0	12 00 0	-0.47	-0.91	16.92	21.24	22.77	1.00	1.07	1.00
	0%	23.6 2	1.10	2 400	-12 377	-0.05	-6 593	-8 877	32 00 0	12 00 0	-0.21	-0.74	16.92	21.24	22.77	1.00	1.07	1.00
	24.9%	33.2 6	1.10	2 400	-12 377	-0.05	3 548	-6 384	32 00 0	12 00 0	-0.11	-0.53	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	48.4 7	1.10	2 400	-12 377	-0.05	3 242	-3 891	32 00 0	12 00 0	-0.10	-0.32	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 18a-13	74.9%	43.3 9	1.10	2 400	-4 804	-0.02	7 068	3 985	32 00 0	12 00 0	-0.22	-0.33	16.92	21.24	22.77	1.00	1.07	1.00
	100%	28.9 0	1.10	2 400	-840	0.00	9 851	6 625	32 00 0	12 00 0	-0.31	-0.55	16.92	21.24	22.77	1.00	1.07	1.00
	0%	NS	1.10	2 400	-10 305	-0.04	-363	-79	32 00 0	12 00 0	-0.01	-0.01	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	50.8 0	0.60	2 400	-1 815	-0.01	-6 965	-17	32 00 0	12 00 0	-0.22	0.00	9.23	11.59	12.42	1.00	1.07	1.00
	50.0%	38.0 5	0.80	2 400	-1 929	-0.01	-12 64 9	-11	32 00 0	12 00 0	-0.40	0.00	12.30	15.45	16.56	1.00	1.07	1.00
Trave Legno 12a-16a	75.0%	46.8 4	0.80	2 400	-1 853	-0.01	-10 23 2	7	32 00 0	12 00 0	-0.32	0.00	12.30	15.45	16.56	1.00	1.07	1.00
	100%	NS	0.90	2 400	-1 800	-0.01	-2 395	24	32 00 0	12 00 0	-0.07	0.00	13.84	17.38	18.63	1.00	1.07	1.00
	0%	10.0 3	1.10	2 400	-10 385	-0.04	-52 08 6	-8 000	32 00 0	12 00 0	-1.63	-0.67	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	10.4 2	1.10	2 400	-10 385	-0.04	-54 52 2	-5 148	32 00 0	12 00 0	-1.70	-0.43	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	10.3 5	1.10	2 400	-10 385	-0.04	-56 85 2	4 051	32 00 0	12 00 0	-1.78	-0.34	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 9-16a	75.0%	9.56	1.10	2 400	-9 730	-0.04	-59 04 5	5 970	32 00 0	12 00 0	-1.85	-0.50	16.92	21.24	22.77	1.00	1.07	1.00
	100.0 %	8.47	1.10	2 400	-9 730	-0.04	-64 93 5	7 881	32 00 0	12 00 0	-2.03	-0.66	16.92	21.24	22.77	1.00	1.07	1.00
	0%	NS	0.80	2 400	-64	0.00	-2 049	-16	32 00 0	12 00 0	-0.06	0.00	12.30	15.45	16.56	1.00	1.07	1.00
	25.0%	48.9 5	0.80	2 400	-126	0.00	-10 05 8	-11	32 00 0	12 00 0	-0.31	0.00	12.30	15.45	16.56	1.00	1.07	1.00
	50.0%	39.7 6	0.60	2 400	-547	0.00	-9 228	-3	32 00 0	12 00 0	-0.29	0.00	9.23	11.59	12.42	1.00	1.07	1.00
Trave Legno 13a-17a	75.0%	53.7 3	0.60	2 400	-547	0.00	-6 804	3	32 00 0	12 00 0	-0.21	0.00	9.23	11.59	12.42	1.00	1.07	1.00
	100%	NS	1.10	2 400	-3 096	-0.01	-385	56	32 00 0	12 00 0	-0.01	0.00	16.92	21.24	22.77	1.00	1.07	1.00
	0%	10.5 2	1.10	2 400	-7 129	-0.03	-51 57 6	-6 817	32 00 0	12 00 0	-1.61	-0.57	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	10.4 5	1.10	2 400	-7 129	-0.03	-54 09 1	-5 619	32 00 0	12 00 0	-1.69	-0.47	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	10.3 7	1.10	2 400	-6 875	-0.03	-56 36 2	-4 601	32 00 0	12 00 0	-1.76	-0.38	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 16a-17a	75.0%	9.93	1.10	2 400	-6 309	-0.03	-58 65 7	-5 020	32 00 0	12 00 0	-1.83	-0.42	16.92	21.24	22.77	1.00	1.07	1.00
	100.0 %	8.87	1.10	2 400	-6 309	-0.03	-66 04 5	-5 455	32 00 0	12 00 0	-2.06	-0.45	16.92	21.24	22.77	1.00	1.07	1.00
	0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	25.0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	50.0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
Trave Legno 14a-18a	75.0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	100%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	0%	10.6 3	1.10	2 400	-13 669	-0.06	-51 85 4	5 623	32 00 0	12 00 0	-1.62	-0.47	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	10.3 0	1.10	2 400	-13 669	-0.06	-54 30 8	-5 410	32 00 0	12 00 0	-1.70	-0.45	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	9.55	1.10	2 400	-13 014	-0.05	-56 72 3	-7 063	32 00 0	12 00 0	-1.77	-0.59	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 17a-18a	75.0%	8.76	1.10	2 400	-13 014	-0.05	-59 33 3	-9 229	32 00 0	12 00 0	-1.85	-0.77	16.92	21.24	22.77	1.00	1.07	1.00
	100.0 %	7.83	1.10	2 400	-13 014	-0.05	-64 76 9	-11 39 6	32 00 0	12 00 0	-2.02	-0.95	16.92	21.24	22.77	1.00	1.07	1.00
	0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	25.0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	50.0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	75.0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	100.0	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00

Travi (LG) - Verifiche per tensoflessione																		
Id _{Tr}	%L _{Lt}	CS	k _{mod}	A	N _{Ed}	σ _{t0d}	M _{Ed,3}	M _{Ed,2}	W _X	W _Y	σ _{Md,X}	σ _{Md,Y}	f _{t0d}	f _{m,X,d}	f _{m,Y,d}	K _{h,X}	K _{h,Y}	K _h
	[%]			[cm ²]	[N]	[N/mm ²]	[N-m]	[N-m]	[cm ³]	[cm ³]	[N/mm ²]	[N/mm ²]	[N/mm ²]	[N/mm ²]	[N/mm ²]			
Trave Legno 36a-22	0%	NS	1.10	2 400	-7 489	-0.03	854	67	32 000	12 000	-0.03	-0.01	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	52.35	0.60	2 400	-1 743	-0.01	-6 775	9	32 000	12 000	-0.21	0.00	9.23	11.59	12.42	1.00	1.07	1.00
	50.0%	38.07	0.60	2 400	-1 743	-0.01	-9 440	4	32 000	12 000	-0.30	0.00	9.23	11.59	12.42	1.00	1.07	1.00
	75.0%	46.13	0.80	2 400	-1 537	-0.01	-10 456	-2	32 000	12 000	-0.33	0.00	12.30	15.45	16.56	1.00	1.07	1.00
	100%	NS	0.90	2 400	-1 274	-0.01	-2 710	-8	32 000	12 000	-0.08	0.00	13.84	17.38	18.63	1.00	1.07	1.00
Trave Legno 30a-34a	0%	8.86	1.10	2 400	-28 171	-0.12	-63 815	-4 714	32 000	12 000	-1.99	-0.39	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	10.95	1.10	2 400	-28 171	-0.12	-51 493	-3 376	32 000	12 000	-1.61	-0.28	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	14.05	1.10	2 400	-27 159	-0.11	-39 879	-2 269	32 000	12 000	-1.25	-0.19	16.92	21.24	22.77	1.00	1.07	1.00
	75.0%	13.20	1.10	2 400	-1 351	-0.01	-46 670	2 642	32 000	12 000	-1.46	-0.22	16.92	21.24	22.77	1.00	1.07	1.00
	100%	11.92	1.10	2 400	-1 351	-0.01	-49 124	4 395	32 000	12 000	-1.54	-0.37	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 18-34a	0%	NS	1.10	2 400	-4 127	-0.02	-1 632	74	32 000	12 000	-0.05	-0.01	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	NS	1.10	2 400	-4 127	-0.02	-5 682	34	32 000	12 000	-0.18	0.00	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	90.53	1.10	2 400	-462	0.00	-7 431	0	32 000	12 000	-0.23	0.00	16.92	21.24	22.77	1.00	1.07	1.00
	75.0%	NS	1.10	2 400	-2 219	-0.01	-5 299	-48	32 000	12 000	-0.17	0.00	16.92	21.24	22.77	1.00	1.07	1.00
	100%	NS	1.10	2 400	-2 219	-0.01	1 169	-89	32 000	12 000	-0.04	-0.01	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 31a-35a	0%	8.73	1.10	2 400	-15 715	-0.07	-68 134	-4 058	32 000	12 000	-2.13	-0.34	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	10.70	1.10	2 400	-15 715	-0.07	-54 773	-3 520	32 000	12 000	-1.71	-0.29	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	12.27	1.10	2 400	-14 856	-0.06	-47 321	-3 222	32 000	12 000	-1.48	-0.27	16.92	21.24	22.77	1.00	1.07	1.00
	75.0%	11.30	1.10	2 400	-14 856	-0.06	-50 237	-4 275	32 000	12 000	-1.57	-0.36	16.92	21.24	22.77	1.00	1.07	1.00
	100%	10.49	1.10	2 400	-14 856	-0.06	-53 027	-5 325	32 000	12 000	-1.66	-0.44	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 34a-35a	0%	NS	1.10	2 400	-239	0.00	-1 386	79	32 000	12 000	-0.04	-0.01	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	NS	1.10	2 400	-239	0.00	-6 098	38	32 000	12 000	-0.19	0.00	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	92.44	1.10	2 400	-239	0.00	-7 313	0	32 000	12 000	-0.23	0.00	16.92	21.24	22.77	1.00	1.07	1.00
	75.0%	NS	1.10	2 400	-42	0.00	-5 677	-41	32 000	12 000	-0.18	0.00	16.92	21.24	22.77	1.00	1.07	1.00
	100%	NS	1.10	2 400	-42	0.00	773	-82	32 000	12 000	-0.02	-0.01	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 32a-36a	0%	9.31	1.10	2 400	-31 009	-0.13	-62 814	-2 863	32 000	12 000	-1.96	-0.24	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	11.22	1.10	2 400	-31 009	-0.13	-49 793	-3 200	32 000	12 000	-1.56	-0.27	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	12.60	1.10	2 400	-30 337	-0.13	-41 048	-4 480	32 000	12 000	-1.28	-0.37	16.92	21.24	22.77	1.00	1.07	1.00
	75.0%	11.46	1.10	2 400	-30 337	-0.13	-43 082	-6 403	32 000	12 000	-1.35	-0.53	16.92	21.24	22.77	1.00	1.07	1.00
	100%	10.53	1.10	2 400	-30 337	-0.13	-44 997	-8 328	32 000	12 000	-1.41	-0.69	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 35a-36a	0%	NS	1.10	2 400	-3 504	-0.01	-720	75	32 000	12 000	-0.02	-0.01	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	NS	1.10	2 400	-3 504	-0.01	-5 785	39	32 000	12 000	-0.18	0.00	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	85.47	1.10	2 400	-3 504	-0.01	-7 356	6	32 000	12 000	-0.23	0.00	16.92	21.24	22.77	1.00	1.07	1.00
	75.0%	NS	1.10	2 400	-3 504	-0.01	-5 657	-20	32 000	12 000	-0.18	0.00	16.92	21.24	22.77	1.00	1.07	1.00
	100.0%	NS	1.10	2 400	-540	0.00	-1 052	-64	32 000	12 000	-0.03	-0.01	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 4-5	0%	20.64	1.10	2 400	-13 268	-0.06	20 195	6 041	32 000	12 000	-0.63	-0.50	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	34.72	1.10	2 400	-13 268	-0.06	11 645	3 279	32 000	12 000	-0.36	-0.27	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	79.54	1.10	2 400	-13 268	-0.06	-5 431	513	32 000	12 000	-0.17	-0.04	16.92	21.24	22.77	1.00	1.07	1.00
	75.0%	89.51	1.10	2 400	-8 503	-0.04	-825	-2 248	32 000	12 000	-0.03	-0.19	16.92	21.24	22.77	1.00	1.07	1.00
	100%	42.81	1.10	2 400	-8 503	-0.04	2 831	-5 013	32 000	12 000	-0.09	-0.42	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 2-3	0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	25.0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	50.0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	75.0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	100%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00

Travi (LG) - Verifiche per tensoflessione																		
Id _{Tr}	%L _{Lt}	CS	k _{mod}	A	N _{Ed}	σ _{t0d}	M _{Ed,3}	M _{Ed,2}	W _x	W _y	σ _{Md,X}	σ _{Md,Y}	f _{t0d}	f _{m,X,d}	f _{m,Y,d}	K _{h,X}	K _{h,Y}	K _h
	[%]			[cm²]	[N]	[N/mm²]	[N-m]	[N-m]	[cm³]	[cm³]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]			
Trave Legno 3-4	0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	25.0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	50.0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	75.0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	100.0 %	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
Trave Legno 1-2	0%	39.7 1	1.10	2 400	-4 319	-0.02	-2 447	-5 900	32 00 0	12 00 0	-0.08	-0.49	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	74.0 2	1.10	2 400	-4 319	-0.02	-2 151	-2 795	32 00 0	12 00 0	-0.07	-0.23	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	NS	1.10	2 400	-720	0.00	-3 598	288	32 00 0	12 00 0	-0.11	-0.02	16.92	21.24	22.77	1.00	1.07	1.00
	75.0%	48.2 5	1.10	2 400	-1 765	-0.01	7 555	3 418	32 00 0	12 00 0	-0.24	-0.28	16.92	21.24	22.77	1.00	1.07	1.00
	100%	24.9 9	1.10	2 400	-1 765	-0.01	15 25 3	6 523	32 00 0	12 00 0	-0.48	-0.54	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 51a-30	0%	25.1 7	0.90	2 400	-10 330	-0.04	-8 393	5 825	32 00 0	12 00 0	-0.26	-0.49	13.84	17.38	18.63	1.00	1.07	1.00
	25.0%	32.4 9	0.90	2 400	-10 330	-0.04	-6 469	4 365	32 00 0	12 00 0	-0.20	-0.36	13.84	17.38	18.63	1.00	1.07	1.00
	50.0%	46.1 6	0.90	2 400	-10 330	-0.04	-4 422	2 903	32 00 0	12 00 0	-0.14	-0.24	13.84	17.38	18.63	1.00	1.07	1.00
	75.0%	80.5 7	0.90	2 400	-10 330	-0.04	-2 258	1 444	32 00 0	12 00 0	-0.07	-0.12	13.84	17.38	18.63	1.00	1.07	1.00
	100%	71.0 0	1.10	2 400	-10 627	-0.04	3 446	2 163	32 00 0	12 00 0	-0.11	-0.18	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 33a-22	0%	26.4 4	1.10	2 400	-6 515	-0.03	-4 415	-8 651	32 00 0	12 00 0	-0.14	-0.72	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	37.6 9	1.10	2 400	-6 515	-0.03	2 302	-6 162	32 00 0	12 00 0	-0.07	-0.51	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	31.5 8	0.80	2 400	-5 766	-0.02	3 151	-5 017	32 00 0	12 00 0	-0.10	-0.42	12.30	15.45	16.56	1.00	1.07	1.00
	75.0%	21.4 0	0.90	2 400	-5 933	-0.02	7 271	-8 001	32 00 0	12 00 0	-0.23	-0.67	13.84	17.38	18.63	1.00	1.07	1.00
	100%	16.1 2	0.90	2 400	-5 933	-0.02	11 21 6	-10 31 1	32 00 0	12 00 0	-0.35	-0.86	13.84	17.38	18.63	1.00	1.07	1.00
Trave Legno 15a-13	0%	22.5 8	1.10	2 400	-12 953	-0.05	4 829	-9 867	32 00 0	12 00 0	-0.15	-0.82	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	23.8 3	1.10	2 400	-12 953	-0.05	5 759	-8 971	32 00 0	12 00 0	-0.18	-0.75	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	19.9 8	0.90	2 400	-4 581	-0.02	11 21 6	-7 722	32 00 0	12 00 0	-0.35	-0.64	13.84	17.38	18.63	1.00	1.07	1.00
	75.0%	14.6 3	0.90	2 400	-4 581	-0.02	15 65 7	-10 56 0	32 00 0	12 00 0	-0.49	-0.88	13.84	17.38	18.63	1.00	1.07	1.00
	100.0 %	11.5 3	0.90	2 400	-4 581	-0.02	20 19 6	-13 39 6	32 00 0	12 00 0	-0.63	-1.12	13.84	17.38	18.63	1.00	1.07	1.00
Trave Legno 29-30	0%	22.6 1	1.10	2 400	-4 969	-0.02	19 77 4	-5 432	32 00 0	12 00 0	-0.62	-0.45	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	39.3 5	1.10	2 400	-4 969	-0.02	11 20 3	-3 009	32 00 0	12 00 0	-0.35	-0.25	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	87.4 5	1.10	2 400	-4 969	-0.02	-5 786	663	32 00 0	12 00 0	-0.18	-0.06	16.92	21.24	22.77	1.00	1.07	1.00
	75.0%	NS	1.10	2 400	-965	0.00	-2 472	1 812	32 00 0	12 00 0	-0.08	-0.15	16.92	21.24	22.77	1.00	1.07	1.00
	100%	55.4 2	1.10	2 400	-965	0.00	-1 608	4 412	32 00 0	12 00 0	-0.05	-0.37	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 28-29	0%	29.2 3	1.10	2 400	-5 405	-0.02	17 51 3	-2 776	32 00 0	12 00 0	-0.55	-0.23	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	63.0 3	1.10	2 400	-5 405	-0.02	-7 474	-1 381	32 00 0	12 00 0	-0.23	-0.12	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	NS	1.10	2 400	-5 405	-0.02	-1 826	-88	32 00 0	12 00 0	-0.06	-0.01	16.92	21.24	22.77	1.00	1.07	1.00
	75.0%	48.8 4	1.10	2 400	-809	0.00	11 33 3	1 406	32 00 0	12 00 0	-0.35	-0.12	16.92	21.24	22.77	1.00	1.07	1.00
	100.0 %	23.4 2	1.10	2 400	-809	0.00	24 01 3	2 801	32 00 0	12 00 0	-0.75	-0.23	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 26-27	0%	35.2 6	1.10	2 400	-5 334	-0.02	-4 227	6 200	32 00 0	12 00 0	-0.13	-0.52	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	60.7 6	1.10	2 400	-5 334	-0.02	-4 135	2 974	32 00 0	12 00 0	-0.13	-0.25	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	NS	1.10	2 400	-1 953	-0.01	-3 220	252	32 00 0	12 00 0	-0.10	-0.02	16.92	21.24	22.77	1.00	1.07	1.00
	75.0%	70.9 4	1.10	2 400	-326	0.00	3 381	-2 878	32 00 0	12 00 0	-0.11	-0.24	16.92	21.24	22.77	1.00	1.07	1.00
	100%	32.4 3	1.10	2 400	-326	0.00	10 12 7	-5 553	32 00 0	12 00 0	-0.32	-0.46	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 4a-5a	0%	41.7 0	1.10	384	-4 319	-0.11	519	0	1 536	1 024	-0.34	0.00	15.96	19.95	20.03	1.10	1.10	1.10
	25.0%	3.52	0.90	384	-627	-0.02	-7 092	0	1 536	1 024	-4.62	0.00	13.06	16.33	16.39	1.10	1.10	1.10
	50.0%	2.63	0.90	384	-627	-0.02	-9 490	0	1 536	1 024	-6.18	0.00	13.06	16.33	16.39	1.10	1.10	1.10
	75.0%	3.52	0.90	384	-627	-0.02	-7 089	0	1 536	1 024	-4.62	0.00	13.06	16.33	16.39	1.10	1.10	1.10
	100%	53.7 3	1.10	384	-1 049	-0.03	518	0	1 536	1 024	-0.34	0.00	15.96	19.95	20.03	1.10	1.10	1.10
Trave Legno 9a-10a	0%	20.3 6	0.90	384	-7 248	-0.19	869	0	1 536	1 024	-0.57	0.00	13.06	16.33	16.39	1.10	1.10	1.10
	25.0%	3.87	0.90	384	-7 031	-0.18	-6 121	0	1 536	1 024	-3.99	0.00	13.06	16.33	16.39	1.10	1.10	1.10

Travi (LG) - Verifiche per tensoflessione																		
Id _{Tr}	%L _{Lt}	CS	k _{mod}	A	N _{Ed}	σ _{t0d}	M _{Ed,3}	M _{Ed,2}	W _X	W _Y	σ _{Md,X}	σ _{Md,Y}	f _{t0d}	f _{m,X,d}	f _{m,Y,d}	K _{h,X}	K _{h,Y}	K _h
	[%]			[cm²]	[N]	[N/mm²]	[N-m]	[N-m]	[cm³]	[cm³]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]			
Trave Legno 7a-8a	0%	11.3 5	0.90	384	-12 999	-0.34	1 559	0	1 536	1 024	-1.01	0.00	13.06	16.33	16.39	1.10	1.10	1.10
	25.0%	4.14	0.90	384	-12 901	-0.34	-5 419	0	1 536	1 024	-3.53	0.00	13.06	16.33	16.39	1.10	1.10	1.10
	50.0%	2.99	0.90	384	-12 901	-0.34	-7 752	0	1 536	1 024	-5.05	0.00	13.06	16.33	16.39	1.10	1.10	1.10
	75.0%	4.13	0.90	384	-12 901	-0.34	-5 423	0	1 536	1 024	-3.53	0.00	13.06	16.33	16.39	1.10	1.10	1.10
	100%	11.3 9	0.90	384	-12 999	-0.34	1 552	0	1 536	1 024	-1.01	0.00	13.06	16.33	16.39	1.10	1.10	1.10
Trave Legno 4a-9a	0%	13.1 6	1.10	2 400	-6 130	-0.03	40 08 6	6 049	32 00 0	12 00 0	-1.25	-0.50	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	19.4 8	1.10	2 400	-6 130	-0.03	22 92 4	6 283	32 00 0	12 00 0	-0.72	-0.52	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	30.6 0	1.10	2 400	-5 469	-0.02	5 727	6 950	32 00 0	12 00 0	-0.18	-0.58	16.92	21.24	22.77	1.00	1.07	1.00
	75.0%	23.5 7	1.10	2 400	-2 965	-0.01	-11 76 8	8 079	32 00 0	12 00 0	-0.37	-0.67	16.92	21.24	22.77	1.00	1.07	1.00
	100.0 %	15.3 5	1.10	2 400	-2 965	-0.01	-28 00 6	9 054	32 00 0	12 00 0	-0.88	-0.75	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 8a-9a	0%	10.7 8	0.90	384	-13 697	-0.36	1 642	0	1 536	1 024	-1.07	0.00	13.06	16.33	16.39	1.10	1.10	1.10
	25.0%	4.17	0.90	384	-13 506	-0.35	-5 345	0	1 536	1 024	-3.48	0.00	13.06	16.33	16.39	1.10	1.10	1.10
	50.0%	3.00	0.90	384	-13 506	-0.35	-7 677	0	1 536	1 024	-5.00	0.00	13.06	16.33	16.39	1.10	1.10	1.10
	75.0%	4.17	0.90	384	-13 506	-0.35	-5 344	0	1 536	1 024	-3.48	0.00	13.06	16.33	16.39	1.10	1.10	1.10
	100.0 %	10.7 4	0.90	384	-13 697	-0.36	1 649	0	1 536	1 024	-1.07	0.00	13.06	16.33	16.39	1.10	1.10	1.10
Trave Legno 5a-10a	0%	28.6 9	1.10	2 400	-24 400	-0.10	-13 50 1	3 508	32 00 0	12 00 0	-0.42	-0.29	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	30.9 4	1.10	2 400	-24 007	-0.10	-10 87 4	4 063	32 00 0	12 00 0	-0.34	-0.34	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	29.2 5	1.10	2 400	-18 873	-0.08	-7 807	5 873	32 00 0	12 00 0	-0.24	-0.49	16.92	21.24	22.77	1.00	1.07	1.00
	75.0%	24.3 5	1.10	2 400	-17 157	-0.07	-8 293	7 731	32 00 0	12 00 0	-0.26	-0.64	16.92	21.24	22.77	1.00	1.07	1.00
	100.0 %	20.7 8	1.10	2 400	-17 157	-0.07	-8 717	9 543	32 00 0	12 00 0	-0.27	-0.80	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 1a-6a	0%	35.3 5	1.10	2 400	-5 299	-0.02	-6 116	5 651	32 00 0	12 00 0	-0.19	-0.47	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	42.7 1	1.10	2 400	-5 299	-0.02	-5 257	4 561	32 00 0	12 00 0	-0.16	-0.38	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	46.8 7	1.10	2 400	-5 299	-0.02	-4 292	-4 265	32 00 0	12 00 0	-0.13	-0.36	16.92	21.24	22.77	1.00	1.07	1.00
	75.0%	43.0 4	1.10	2 400	-5 969	-0.02	-5 936	-4 276	32 00 0	12 00 0	-0.19	-0.36	16.92	21.24	22.77	1.00	1.07	1.00
	100.0 %	35.3 8	1.10	2 400	-228	0.00	-8 273	-5 378	32 00 0	12 00 0	-0.26	-0.45	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 6a-7a	0%	25.5 1	0.90	384	-5 780	-0.15	694	0	1 536	1 024	-0.45	0.00	13.06	16.33	16.39	1.10	1.10	1.10
	25.0%	3.90	0.90	384	-5 763	-0.15	-6 136	0	1 536	1 024	-3.99	0.00	13.06	16.33	16.39	1.10	1.10	1.10
	50.0%	2.88	0.90	384	-5 763	-0.15	-8 419	0	1 536	1 024	-5.48	0.00	13.06	16.33	16.39	1.10	1.10	1.10
	75.0%	3.91	0.90	384	-5 763	-0.15	-6 131	0	1 536	1 024	-3.99	0.00	13.06	16.33	16.39	1.10	1.10	1.10
	100%	25.5 1	0.90	384	-5 780	-0.15	694	0	1 536	1 024	-0.45	0.00	13.06	16.33	16.39	1.10	1.10	1.10
Trave Legno 2a-7a	0%	13.2 1	1.10	2 400	-2 662	-0.01	41 70 8	-5 336	32 00 0	12 00 0	-1.30	-0.44	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	19.0 6	1.10	2 400	-2 662	-0.01	24 76 6	-6 003	32 00 0	12 00 0	-0.77	-0.50	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	27.5 2	1.10	2 400	-2 138	-0.01	7 731	-7 607	32 00 0	12 00 0	-0.24	-0.63	16.92	21.24	22.77	1.00	1.07	1.00
	75.0%	24.1 5	1.10	2 400	-2 138	-0.01	-8 423	-8 801	32 00 0	12 00 0	-0.26	-0.73	16.92	21.24	22.77	1.00	1.07	1.00
	100.0 %	16.0 5	1.10	2 400	-2 138	-0.01	-24 46 0	-9 991	32 00 0	12 00 0	-0.76	-0.83	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 6a-11a	0%	31.8 0	1.10	2 400	-5 868	-0.02	-10 02 3	-5 377	32 00 0	12 00 0	-0.31	-0.45	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	36.7 2	1.10	2 400	-4 451	-0.02	-6 116	-5 420	32 00 0	12 00 0	-0.19	-0.45	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	36.2 2	1.10	2 400	-1 707	-0.01	-2 201	-6 808	32 00 0	12 00 0	-0.07	-0.57	16.92	21.24	22.77	1.00	1.07	1.00
	75.0%	30.1 2	1.10	2 400	-1 707	-0.01	3 066	-8 092	32 00 0	12 00 0	-0.10	-0.67	16.92	21.24	22.77	1.00	1.07	1.00
	100.0 %	24.6 7	1.10	2 400	-1 707	-0.01	5 630	-9 374	32 00 0	12 00 0	-0.18	-0.78	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 11a-12a	0%	29.3 8	0.90	384	-5 013	-0.13	603	0	1 536	1 024	-0.39	0.00	13.06	16.33	16.39	1.10	1.10	1.10
	25.0%	4.02	0.90	384	-4 803	-0.13	-5 997	0	1 536	1 024	-3.90	0.00	13.06	16.33	16.39	1.10	1.10	1.10
	50.0%	2.97	0.90	384	-4 803	-0.13	-8 197	0	1 536	1 024	-5.34	0.00	13.06	16.33	16.39	1.10	1.10	1.10
	75.0%	4.02	0.90	384	-4 803	-0.13	-5 995	0	1 536	1 024	-3.90	0.00	13.06	16.33	16.39	1.10	1.10	1.10
	100%	29.7 2	0.90	384	-5 013	-0.13	593	0	1 536	1 024	-0.39	0.00	13.06	16.33	16.39	1.10	1.10	1.10
Trave Legno 7a-12a	0%	13.9 1	1.10	2 400	-6 491	-0.03	-29 95 6	-10 23 3	32 00 0	12 00 0	-0.94	-0.85	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	13.9 5	1.10	2 400	-6 491	-0.03	-32 10 4	-8 921	32 00 0	12 00 0	-1.00	-0.74	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	13.9 2	1.10	2 400	-5 902	-0.02	-33 93 2	-7 989	32 00 0	12 00 0	-1.06	-0.67	16.92	21.24	22.77	1.00	1.07	1.00
	75.0%	13.1	1.10	2 400	-5 902	-0.02	-37 07	-7 860	32 00	12 00	-1.16	-0.66	16.92	21.24	22.77	1.00	1.07	1.00

Travi (LG) - Verifiche per tensoflessione																		
Id _{Tr}	%L _{Lt}	CS	k _{mod}	A	N _{Ed}	σ _{t0d}	M _{Ed,3}	M _{Ed,2}	W _X	W _Y	σ _{Md,X}	σ _{Md,Y}	f _{t0d}	f _{m,X,d}	f _{m,Y,d}	K _{h,X}	K _{h,Y}	K _h
	[%]			[cm²]	[N]	[N/mm²]	[N-m]	[N-m]	[cm³]	[cm³]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]			
Trave Legno 8a-13a	100.0 %	10.7 8	1.10	2 400	-5 902	-0.02	-48 610	-7 737	32 000	12 000	-1.52	-0.64	16.92	21.24	22.77	1.00	1.07	1.00
	0%	17.1 8	1.10	2 400	-5 530	-0.02	-28 686	-5 721	32 000	12 000	-0.90	-0.48	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	16.6 4	1.10	2 400	-5 530	-0.02	-30 828	-5 222	32 000	12 000	-0.96	-0.44	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	15.9 2	1.10	2 400	-5 320	-0.02	-32 708	-5 227	32 000	12 000	-1.02	-0.44	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 12a-13a	75.0%	13.5 5	1.10	2 400	-4 720	-0.02	-38 880	-6 032	32 000	12 000	-1.22	-0.50	16.92	21.24	22.77	1.00	1.07	1.00
	100.0 %	10.7 1	1.10	2 400	-4 720	-0.02	-50 830	-6 816	32 000	12 000	-1.59	-0.57	16.92	21.24	22.77	1.00	1.07	1.00
	0%	10.1 3	0.90	384	-14 563	-0.38	1 747	0	1 536	1 024	-1.14	0.00	13.06	16.33	16.39	1.10	1.10	1.10
	25.0%	4.40	0.90	384	-14 434	-0.38	-4 977	0	1 536	1 024	-3.24	0.00	13.06	16.33	16.39	1.10	1.10	1.10
Trave Legno 9a-14a	50.0%	3.16	0.90	384	-14 434	-0.38	-7 223	0	1 536	1 024	-4.70	0.00	13.06	16.33	16.39	1.10	1.10	1.10
	75.0%	4.40	0.90	384	-14 434	-0.38	-4 979	0	1 536	1 024	-3.24	0.00	13.06	16.33	16.39	1.10	1.10	1.10
	100%	10.1 6	0.90	384	-14 563	-0.38	1 740	0	1 536	1 024	-1.13	0.00	13.06	16.33	16.39	1.10	1.10	1.10
	0%	14.4 3	1.10	2 400	-9 877	-0.04	-29 696	9 055	32 000	12 000	-0.93	-0.75	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 13a-14a	25.0%	14.5 9	1.10	2 400	-9 877	-0.04	-31 739	7 568	32 000	12 000	-0.99	-0.63	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	14.7 3	1.10	2 400	-9 221	-0.04	-33 541	6 348	32 000	12 000	-1.05	-0.53	16.92	21.24	22.77	1.00	1.07	1.00
	75.0%	13.5 3	1.10	2 400	-9 221	-0.04	-38 669	5 760	32 000	12 000	-1.21	-0.48	16.92	21.24	22.77	1.00	1.07	1.00
	100.0 %	11.1 9	1.10	2 400	-2 141	-0.01	-50 586	5 624	32 000	12 000	-1.58	-0.47	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 10a-15a	0%	9.86	0.90	384	-14 962	-0.39	1 796	0	1 536	1 024	-1.17	0.00	13.06	16.33	16.39	1.10	1.10	1.10
	25.0%	4.42	0.90	384	-14 776	-0.38	-4 936	0	1 536	1 024	-3.21	0.00	13.06	16.33	16.39	1.10	1.10	1.10
	50.0%	3.17	0.90	384	-14 776	-0.38	-7 184	0	1 536	1 024	-4.68	0.00	13.06	16.33	16.39	1.10	1.10	1.10
	75.0%	4.42	0.90	384	-14 776	-0.38	-4 939	0	1 536	1 024	-3.22	0.00	13.06	16.33	16.39	1.10	1.10	1.10
Trave Legno 32a-33a	100.0 %	9.86	0.90	384	-14 962	-0.39	1 794	0	1 536	1 024	-1.17	0.00	13.06	16.33	16.39	1.10	1.10	1.10
	0%	21.5 0	1.10	2 400	-16 568	-0.07	-7 285	9 543	32 000	12 000	-0.23	-0.80	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	30.4 5	1.10	2 400	-20 765	-0.09	-6 550	5 732	32 000	12 000	-0.20	-0.48	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	41.5 2	1.10	2 400	-20 366	-0.08	-2 549	4 493	32 000	12 000	-0.08	-0.37	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 24a-29a	75.0%	33.6 9	1.10	2 400	-12 961	-0.05	-1 888	-6 705	32 000	12 000	-0.06	-0.56	16.92	21.24	22.77	1.00	1.07	1.00
	100.0 %	23.5 0	1.10	2 400	-12 961	-0.05	3 150	-9 868	32 000	12 000	-0.10	-0.82	16.92	21.24	22.77	1.00	1.07	1.00
	0%	17.5 6	1.10	384	-11 965	-0.31	1 435	0	1 536	1 024	-0.93	0.00	18.54	23.28	23.37	1.10	1.10	1.10
	25.0%	4.40	0.90	384	-5 921	-0.15	-6 345	0	1 536	1 024	-4.13	0.00	15.17	19.05	19.12	1.10	1.10	1.10
Trave Legno 27a-28a	50.0%	3.25	0.90	384	-5 921	-0.15	-8 707	0	1 536	1 024	-5.67	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	75.0%	4.41	0.90	384	-5 921	-0.15	-6 344	0	1 536	1 024	-4.13	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	100%	18.0 5	1.10	384	-10 932	-0.28	1 432	0	1 536	1 024	-0.93	0.00	18.54	23.28	23.37	1.10	1.10	1.10
	0%	22.5 9	1.10	2 400	-8 754	-0.04	-7 809	-9 307	32 000	12 000	-0.24	-0.78	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 19a-24a	25.0%	31.2 4	1.10	2 400	-8 754	-0.04	-5 683	-6 558	32 000	12 000	-0.18	-0.55	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	50.3 1	1.10	2 400	-8 754	-0.04	-3 450	-3 871	32 000	12 000	-0.11	-0.32	16.92	21.24	22.77	1.00	1.07	1.00
	75.0%	37.9 4	1.10	2 400	-961	0.00	-4 390	-5 900	32 000	12 000	-0.14	-0.49	16.92	21.24	22.77	1.00	1.07	1.00
	100%	26.4 7	1.10	2 400	-961	0.00	-4 906	-8 877	32 000	12 000	-0.15	-0.74	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 22a-23a	0%	32.3 4	1.10	384	-6 482	-0.17	780	0	1 536	1 024	-0.51	0.00	18.54	23.28	23.37	1.10	1.10	1.10
	25.0%	4.32	0.90	384	-4 915	-0.13	-6 522	0	1 536	1 024	-4.25	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	50.0%	3.20	0.90	384	-4 915	-0.13	-8 901	0	1 536	1 024	-5.79	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	75.0%	4.32	0.90	384	-4 915	-0.13	-6 520	0	1 536	1 024	-4.24	0.00	15.17	19.05	19.12	1.10	1.10	1.10
Trave Legno 22a-23a	100%	32.4 8	1.10	384	-6 432	-0.17	778	0	1 536	1 024	-0.51	0.00	18.54	23.28	23.37	1.10	1.10	1.10
	0%	25.0 8	1.10	2 400	-5 188	-0.02	-4 263	-9 344	32 000	12 000	-0.13	-0.78	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	35.4 7	1.10	2 400	-5 188	-0.02	-3 865	-6 266	32 000	12 000	-0.12	-0.52	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	53.1 1	1.10	2 400	-5 170	-0.02	-3 645	-3 771	32 000	12 000	-0.11	-0.31	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 22a-23a	75.0%	32.3 1	1.10	2 400	-5 170	-0.02	-5 576	-6 540	32 000	12 000	-0.17	-0.55	16.92	21.24	22.77	1.00	1.07	1.00
	100.0 %	23.2 8	1.10	2 400	-5 170	-0.02	-7 399	-9 307	32 000	12 000	-0.23	-0.78	16.92	21.24	22.77	1.00	1.07	1.00
	0%	21.1 6	1.10	384	-9 913	-0.26	1 192	0	1 536	1 024	-0.78	0.00	18.54	23.28	23.37	1.10	1.10	1.10
	25.0%	4.15	0.90	384	-4 145	-0.11	-6 837	0	1 536	1 024	-4.45	0.00	15.17	19.05	19.12	1.10	1.10	1.10
Trave Legno 22a-23a	50.0%	3.08	0.90	384	-4 145	-0.11	-9 289	0	1 536	1 024	-6.05	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	75.0%	4.15	0.90	384	-4 145	-0.11	-6 834	0	1 536	1 024	-4.45	0.00	15.17	19.05	19.12	1.10	1.10	1.10

Travi (LG) - Verifiche per tensoflessione																		
Id _{Tr}	%L _{Lt}	CS	k _{mod}	A	N _{Ed}	σ _{t0d}	M _{Ed,3}	M _{Ed,2}	W _X	W _Y	σ _{Md,X}	σ _{Md,Y}	f _{t0d}	f _{m,X,d}	f _{m,Y,d}	K _{h,X}	K _{h,Y}	K _h
	[%]			[cm²]	[N]	[N/mm²]	[N-m]	[N-m]	[cm³]	[cm³]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]			
Trave Legno 9-19a	100%	21.6 2	1.10	384	-9 177	-0.24	1 193	0	1 536	1 024	-0.78	0.00	18.54	23.28	23.37	1.10	1.10	1.10
	0%	25.4 0	1.10	2 400	-9 418	-0.04	8 319	7 782	32 00 0	12 00 0	-0.26	-0.65	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	41.0 8	1.10	2 400	-9 418	-0.04	5 536	4 459	32 00 0	12 00 0	-0.17	-0.37	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	54.7 4	1.10	2 400	-6 236	-0.03	3 167	-3 680	32 00 0	12 00 0	-0.10	-0.31	16.92	21.24	22.77	1.00	1.07	1.00
	75.0%	36.0 0	1.10	2 400	-1 636	-0.01	-2 993	-6 637	32 00 0	12 00 0	-0.09	-0.55	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 19a-20a	100.0 %	24.6 8	1.10	2 400	-1 636	-0.01	-5 739	-9 343	32 00 0	12 00 0	-0.18	-0.78	16.92	21.24	22.77	1.00	1.07	1.00
	0%	37.2 8	0.90	384	-4 613	-0.12	553	0	1 536	1 024	-0.36	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	25.0%	4.25	0.90	384	-4 244	-0.11	-6 677	0	1 536	1 024	-4.35	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	50.0%	3.15	0.90	384	-4 244	-0.11	-9 082	0	1 536	1 024	-5.91	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	75.0%	4.25	0.90	384	-4 244	-0.11	-6 673	0	1 536	1 024	-4.34	0.00	15.17	19.05	19.12	1.10	1.10	1.10
Trave Legno 17a-21a	100%	37.1 4	0.90	384	-4 613	-0.12	556	0	1 536	1 024	-0.36	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	0%	8.77	1.10	2 400	-10 108	-0.04	-66 40 5	-5 418	32 00 0	12 00 0	-2.08	-0.45	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	9.00	1.10	2 400	-10 108	-0.04	-66 19 4	-4 373	32 00 0	12 00 0	-2.07	-0.36	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	9.22	1.10	2 400	-10 108	-0.04	-66 26 6	-3 327	32 00 0	12 00 0	-2.07	-0.28	16.92	21.24	22.77	1.00	1.07	1.00
	75.0%	8.71	1.10	2 400	-9 278	-0.04	-69 89 4	-3 799	32 00 0	12 00 0	-2.18	-0.32	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 20a-21a	100.0 %	8.23	1.10	2 400	-9 278	-0.04	-73 37 7	-4 380	32 00 0	12 00 0	-2.29	-0.37	16.92	21.24	22.77	1.00	1.07	1.00
	0%	11.0 3	0.90	384	-15 584	-0.41	1 869	0	1 536	1 024	-1.22	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	25.0%	4.67	0.90	384	-15 365	-0.40	-5 493	0	1 536	1 024	-3.58	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	50.0%	3.36	0.90	384	-15 365	-0.40	-7 945	0	1 536	1 024	-5.17	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	75.0%	4.67	0.90	384	-15 365	-0.40	-5 490	0	1 536	1 024	-3.57	0.00	15.17	19.05	19.12	1.10	1.10	1.10
Trave Legno 18a-22a	100%	11.0 3	0.90	384	-15 584	-0.41	1 870	0	1 536	1 024	-1.22	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	0%	7.64	1.10	2 400	-1 720	-0.01	-60 89 8	-15 92 8	32 00 0	12 00 0	-1.90	-1.33	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	8.31	1.10	2 400	-18 780	-0.08	-63 39 5	-8 757	32 00 0	12 00 0	-1.98	-0.73	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	8.93	1.10	2 400	-18 780	-0.08	-62 70 4	-5 901	32 00 0	12 00 0	-1.96	-0.49	16.92	21.24	22.77	1.00	1.07	1.00
	75.0%	9.13	1.10	2 400	-18 122	-0.08	-64 66 4	-3 861	32 00 0	12 00 0	-2.02	-0.32	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 21a-22a	100.0 %	9.04	1.10	2 400	-18 122	-0.08	-67 57 5	-2 642	32 00 0	12 00 0	-2.11	-0.22	16.92	21.24	22.77	1.00	1.07	1.00
	0%	11.0 6	0.90	384	-15 539	-0.40	1 864	0	1 536	1 024	-1.21	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	25.0%	4.67	0.90	384	-15 339	-0.40	-5 496	0	1 536	1 024	-3.58	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	50.0%	3.36	0.90	384	-15 339	-0.40	-7 949	0	1 536	1 024	-5.18	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	75.0%	4.67	0.90	384	-15 339	-0.40	-5 494	0	1 536	1 024	-3.58	0.00	15.17	19.05	19.12	1.10	1.10	1.10
Trave Legno 24a-25a	100.0 %	11.0 4	0.90	384	-15 539	-0.40	1 870	0	1 536	1 024	-1.22	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	0%	31.8 3	0.90	384	-5 397	-0.14	648	0	1 536	1 024	-0.42	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	25.0%	4.43	0.90	384	-5 165	-0.13	-6 349	0	1 536	1 024	-4.13	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	50.0%	3.27	0.90	384	-5 165	-0.13	-8 679	0	1 536	1 024	-5.65	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	75.0%	4.43	0.90	384	-5 165	-0.13	-6 346	0	1 536	1 024	-4.13	0.00	15.17	19.05	19.12	1.10	1.10	1.10
Trave Legno 21a-26a	100%	31.8 3	0.90	384	-5 397	-0.14	648	0	1 536	1 024	-0.42	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	0%	8.26	1.10	2 400	-11 991	-0.05	-72 62 1	-4 380	32 00 0	12 00 0	-2.27	-0.37	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	8.87	1.10	2 400	-11 991	-0.05	-68 89 5	-3 273	32 00 0	12 00 0	-2.15	-0.27	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	8.91	1.10	2 400	-11 151	-0.05	-70 81 4	-2 059	32 00 0	12 00 0	-2.21	-0.17	16.92	21.24	22.77	1.00	1.07	1.00
	75.0%	8.56	1.10	2 400	-11 151	-0.05	-73 19 3	-2 470	32 00 0	12 00 0	-2.29	-0.21	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 25a-26a	100.0 %	8.25	1.10	2 400	-11 151	-0.05	-75 45 9	-2 880	32 00 0	12 00 0	-2.36	-0.24	16.92	21.24	22.77	1.00	1.07	1.00
	0%	18.3 1	0.90	384	-9 393	-0.24	1 126	0	1 536	1 024	-0.73	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	25.0%	4.52	0.90	384	-9 138	-0.24	-6 018	0	1 536	1 024	-3.92	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	50.0%	3.30	0.90	384	-9 138	-0.24	-8 397	0	1 536	1 024	-5.47	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	75.0%	4.52	0.90	384	-9 138	-0.24	-6 015	0	1 536	1 024	-3.92	0.00	15.17	19.05	19.12	1.10	1.10	1.10
Trave Legno 22a-27a	100%	18.3 8	0.90	384	-9 393	-0.24	1 120	0	1 536	1 024	-0.73	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	0%	8.83	1.10	2 400	-22 866	-0.10	-68 06 4	-2 899	32 00 0	12 00 0	-2.13	-0.24	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	9.54	1.10	2 400	-22 866	-0.10	-64 23 2	1 819	32 00 0	12 00 0	-2.01	-0.15	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	9.47	1.10	2 400	-22 204	-0.09	-66 09 1	1 149	32 00 0	12 00 0	-2.07	-0.10	16.92	21.24	22.77	1.00	1.07	1.00
	75.0%	9.17	1.10	2 400	-22 204	-0.09	-67 56 6	1 621	32 00 0	12 00 0	-2.11	-0.14	16.92	21.24	22.77	1.00	1.07	1.00
	100.0	8.88	1.10	2 400	-22 866	-0.10	-69 33	1 966	32 00	12 00	-2.17	-0.16	16.92	21.24	22.77	1.00	1.07	1.00

Travi (LG) - Verifiche per tensoflessione																		
Id _{Tr}	%L _{Lt}	CS	k _{mod}	A	N _{Ed}	σ _{t0d}	M _{Ed,3}	M _{Ed,2}	W _x	W _y	σ _{Md,X}	σ _{Md,Y}	f _{t0d}	f _{m,X,d}	f _{m,Y,d}	K _{h,X}	K _{h,Y}	K _h
	[%] %			[cm²] [cm²]	[N] [N]	[N/mm²] [N/mm²]	[N·m] [N·m]	[N·m] [N·m]	[cm³] [cm³]	[cm³] [cm³]	[N/mm²] [N/mm²]	[N/mm²] [N/mm²]	[N/mm²] [N/mm²]	[N/mm²] [N/mm²]	[N/mm²] [N/mm²]			
Trave Legno 26a-27a	0%	18.5 5	0.90	384	-9 266	-0.24	1 112	0	1 536	1 024	-0.72	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	25.0%	4.51	0.90	384	-9 041	-0.24	-6 031	0	1 536	1 024	-3.93	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	50.0%	3.30	0.90	384	-9 041	-0.24	-8 407	0	1 536	1 024	-5.47	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	75.0%	4.51	0.90	384	-9 041	-0.24	-6 028	0	1 536	1 024	-3.92	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	100.0 %	18.5 6	0.90	384	-9 266	-0.24	1 111	0	1 536	1 024	-0.72	0.00	15.17	19.05	19.12	1.10	1.10	1.10
Trave Legno 29a-30a	0%	25.5 6	0.90	384	-6 740	-0.18	806	0	1 536	1 024	-0.52	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	25.0%	4.52	0.90	384	-6 344	-0.17	-6 153	0	1 536	1 024	-4.01	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	50.0%	3.33	0.90	384	-6 344	-0.17	-8 466	0	1 536	1 024	-5.51	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	75.0%	4.52	0.90	384	-6 344	-0.17	-6 148	0	1 536	1 024	-4.00	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	100%	25.5 0	0.90	384	-6 740	-0.18	809	0	1 536	1 024	-0.53	0.00	15.17	19.05	19.12	1.10	1.10	1.10
Trave Legno 26a-31a	0%	8.29	1.10	2 400	-13 840	-0.06	-74 65 4	-2 881	32 00 0	12 00 0	-2.33	-0.24	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	9.39	1.10	2 400	-13 840	-0.06	-66 24 1	-2 210	32 00 0	12 00 0	-2.07	-0.18	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	9.85	1.10	2 400	-12 990	-0.05	-63 61 8	-1 850	32 00 0	12 00 0	-1.99	-0.15	16.92	21.24	22.77	1.00	1.07	1.00
	75.0%	9.23	1.10	2 400	-12 990	-0.05	-66 33 9	-2 955	32 00 0	12 00 0	-2.07	-0.25	16.92	21.24	22.77	1.00	1.07	1.00
	100.0 %	8.69	1.10	2 400	-12 990	-0.05	-68 94 3	-4 057	32 00 0	12 00 0	-2.15	-0.34	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 30a-31a	0%	16.0 0	0.90	384	-10 749	-0.28	1 289	0	1 536	1 024	-0.84	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	25.0%	4.63	0.90	384	-10 495	-0.27	-5 794	0	1 536	1 024	-3.77	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	50.0%	3.37	0.90	384	-10 495	-0.27	-8 157	0	1 536	1 024	-5.31	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	75.0%	4.63	0.90	384	-10 495	-0.27	-5 794	0	1 536	1 024	-3.77	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	100%	16.0 1	0.90	384	-10 749	-0.28	1 287	0	1 536	1 024	-0.84	0.00	15.17	19.05	19.12	1.10	1.10	1.10
Trave Legno 27a-32a	0%	8.71	1.10	2 400	-26 932	-0.11	-69 45 3	2 322	32 00 0	12 00 0	-2.17	-0.19	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	9.98	1.10	2 400	-26 932	-0.11	-61 31 8	1 306	32 00 0	12 00 0	-1.92	-0.11	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	10.6 5	1.10	2 400	-26 932	-0.11	-58 20 8	649	32 00 0	12 00 0	-1.82	-0.05	16.92	21.24	22.77	1.00	1.07	1.00
	75.0%	10.1 4	1.10	2 400	-26 268	-0.11	-59 97 4	-1 543	32 00 0	12 00 0	-1.87	-0.13	16.92	21.24	22.77	1.00	1.07	1.00
	100.0 %	9.59	1.10	2 400	-26 268	-0.11	-61 68 8	-2 755	32 00 0	12 00 0	-1.93	-0.23	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 31a-32a	0%	16.1 3	0.90	384	-10 666	-0.28	1 278	0	1 536	1 024	-0.83	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	25.0%	4.62	0.90	384	-10 432	-0.27	-5 808	0	1 536	1 024	-3.78	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	50.0%	3.37	0.90	384	-10 432	-0.27	-8 167	0	1 536	1 024	-5.32	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	75.0%	4.62	0.90	384	-10 432	-0.27	-5 807	0	1 536	1 024	-3.78	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	100.0 %	16.1 1	0.90	384	-10 666	-0.28	1 280	0	1 536	1 024	-0.83	0.00	15.17	19.05	19.12	1.10	1.10	1.10
Trave Legno 16a-20a	0%	8.42	1.10	2 400	-15 643	-0.07	-63 78 7	8 196	32 00 0	12 00 0	-1.99	-0.68	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	9.00	1.10	2 400	-15 643	-0.07	-63 22 5	5 545	32 00 0	12 00 0	-1.98	-0.46	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	9.67	1.10	2 400	-14 866	-0.06	-62 53 9	3 026	32 00 0	12 00 0	-1.95	-0.25	16.92	21.24	22.77	1.00	1.07	1.00
	75.0%	9.38	1.10	2 400	-14 866	-0.06	-64 32 2	-3 254	32 00 0	12 00 0	-2.01	-0.27	16.92	21.24	22.77	1.00	1.07	1.00
	100.0 %	8.61	1.10	2 400	-14 866	-0.06	-67 08 0	-5 358	32 00 0	12 00 0	-2.10	-0.45	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 20a-25a	0%	8.32	1.10	2 400	-2 662	-0.01	-66 08 6	-8 716	32 00 0	12 00 0	-2.07	-0.73	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	8.98	1.10	2 400	-19 834	-0.08	-64 37 5	-4 599	32 00 0	12 00 0	-2.01	-0.38	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	9.04	1.10	2 400	-19 834	-0.08	-65 49 3	-3 648	32 00 0	12 00 0	-2.05	-0.30	16.92	21.24	22.77	1.00	1.07	1.00
	75.0%	8.83	1.10	2 400	-18 978	-0.08	-66 49 1	-4 193	32 00 0	12 00 0	-2.08	-0.35	16.92	21.24	22.77	1.00	1.07	1.00
	100.0 %	8.55	1.10	2 400	-19 834	-0.08	-68 25 7	-4 529	32 00 0	12 00 0	-2.13	-0.38	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 25a-30a	0%	8.27	1.10	2 400	-23 992	-0.10	-69 72 4	-4 831	32 00 0	12 00 0	-2.18	-0.40	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	9.31	1.10	2 400	-23 992	-0.10	-62 26 9	-3 856	32 00 0	12 00 0	-1.95	-0.32	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	10.1 6	1.10	2 400	-23 992	-0.10	-57 37 2	-3 183	32 00 0	12 00 0	-1.79	-0.27	16.92	21.24	22.77	1.00	1.07	1.00
	75.0%	9.85	1.10	2 400	-23 058	-0.10	-58 43 2	-3 856	32 00 0	12 00 0	-1.83	-0.32	16.92	21.24	22.77	1.00	1.07	1.00
	100%	9.42	1.10	2 400	-924	0.00	-64 64 8	-4 244	32 00 0	12 00 0	-2.02	-0.35	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 28a-33a	0%	20.0 5	1.10	2 400	-10 101	-0.04	-7 282	10 89 8	32 00 0	12 00 0	-0.23	-0.91	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	30.5 4	1.10	2 400	-10 101	-0.04	-5 759	6 646	32 00 0	12 00 0	-0.18	-0.55	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	59.5 0	0.90	2 400	-5 808	-0.02	-7 478	515	32 00 0	12 00 0	-0.23	-0.04	13.84	17.38	18.63	1.00	1.07	1.00
	75.0%	51.7	1.10	2 400	-8 665	-0.04	-3 319	-3 764	32 00	12 00	-0.10	-0.31	16.92	21.24	22.77	1.00	1.07	1.00

Travi (LG) - Verifiche per tensoflessione																		
Id _{Tr}	%L _{Lt}	CS	k _{mod}	A	N _{Ed}	σ _{t0d}	M _{Ed,3}	M _{Ed,2}	W _x	W _y	σ _{Md,X}	σ _{Md,Y}	f _{t0d}	f _{m,X,d}	f _{m,Y,d}	K _{h,X}	K _{h,Y}	K _h
	[%]			[cm ²]	[N]	[N/mm ²]	[N-m]	[N-m]	[cm ³]	[cm ³]	[N/mm ²]	[N/mm ²]	[N/mm ²]	[N/mm ²]	[N/mm ²]			
Trave Legno 23a-28a	3	27.6	1.10	2 400	-8 665	-0.04	-2 366	-8 619	0	0								
	100.0 %	9							32 00	12 00	-0.07	-0.72	16.92	21.24	22.77	1.00	1.07	1.00
	0%	23.0	1.10	2 400	-13 699	-0.06	-4 995	-9 520	0	0	-0.16	-0.79	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	40.7	1.10	2 400	-13 699	-0.06	-4 752	-4 454	0	0	-0.15	-0.37	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	52.6	0.90	2 400	-5 807	-0.02	-8 619	559	0	0	-0.27	-0.05	13.84	17.38	18.63	1.00	1.07	1.00
Trave Legno 13-23a	75.0%	31.0	1.10	2 400	-12 263	-0.05	-4 835	6 603	0	0	-0.15	-0.55	16.92	21.24	22.77	1.00	1.07	1.00
	100.0 %	20.5	1.10	2 400	-10 868	-0.05	-6 002	10 89	0	0	-0.19	-0.91	16.92	21.24	22.77	1.00	1.07	1.00
	0%	18.4	1.10	2 400	-17 323	-0.07	5 909	-11 95	0	0	-0.18	-1.00	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	25.0	0.90	2 400	-5 933	-0.02	5 763	-6 893	0	0	-0.18	-0.57	13.84	17.38	18.63	1.00	1.07	1.00
	50.0%	38.4	0.90	2 400	-5 933	-0.02	1 853	-4 900	0	0	-0.06	-0.41	13.84	17.38	18.63	1.00	1.07	1.00
Trave Legno 40a-41a	75.0%	31.4	1.10	2 400	-15 055	-0.06	-2 006	-7 097	0	0	-0.06	-0.59	16.92	21.24	22.77	1.00	1.07	1.00
	100.0 %	23.1	1.10	2 400	-15 055	-0.06	-4 447	-9 519	0	0	-0.14	-0.79	16.92	21.24	22.77	1.00	1.07	1.00
	0%	19.7	1.10	384	-10 599	-0.28	1 275	0	1 536	1 024	-0.83	0.00	18.54	23.28	23.37	1.10	1.10	1.10
	25.0%	4.29	0.90	384	-7 491	-0.20	-6 436	0	1 536	1 024	-4.19	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	50.0%	3.16	0.90	384	-7 491	-0.20	-8 888	0	1 536	1 024	-5.79	0.00	15.17	19.05	19.12	1.10	1.10	1.10
Trave Legno 45a-46a	75.0%	4.30	0.90	384	-7 491	-0.20	-6 433	0	1 536	1 024	-4.19	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	100%	20.6	1.10	384	-9 128	-0.24	1 276	0	1 536	1 024	-0.83	0.00	18.54	23.28	23.37	1.10	1.10	1.10
	0%	35.8	0.90	384	-4 791	-0.12	576	0	1 536	1 024	-0.38	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	25.0%	4.31	0.90	384	-4 572	-0.12	-6 565	0	1 536	1 024	-4.27	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	50.0%	3.19	0.90	384	-4 572	-0.12	-8 944	0	1 536	1 024	-5.82	0.00	15.17	19.05	19.12	1.10	1.10	1.10
Trave Legno 50a-51a	75.0%	4.31	0.90	384	-4 572	-0.12	-6 564	0	1 536	1 024	-4.27	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	100%	36.0	0.90	384	-4 791	-0.12	571	0	1 536	1 024	-0.37	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	0%	30.4	0.90	384	-5 632	-0.15	677	0	1 536	1 024	-0.44	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	25.0%	4.37	0.90	384	-5 174	-0.13	-6 435	0	1 536	1 024	-4.19	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	50.0%	3.23	0.90	384	-5 174	-0.13	-8 795	0	1 536	1 024	-5.73	0.00	15.17	19.05	19.12	1.10	1.10	1.10
Trave Legno 47a-48a	75.0%	4.37	0.90	384	-5 174	-0.13	-6 435	0	1 536	1 024	-4.19	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	100%	30.6	0.90	384	-5 632	-0.15	672	0	1 536	1 024	-0.44	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	0%	38.2	1.10	384	-5 477	-0.14	660	0	1 536	1 024	-0.43	0.00	18.54	23.28	23.37	1.10	1.10	1.10
	25.0%	4.29	0.90	384	-1 435	-0.04	-6 741	0	1 536	1 024	-4.39	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	50.0%	3.21	0.90	384	-1 435	-0.04	-9 054	0	1 536	1 024	-5.89	0.00	15.17	19.05	19.12	1.10	1.10	1.10
Trave Legno 43a-48a	75.0%	4.30	0.90	384	-1 435	-0.04	-6 737	0	1 536	1 024	-4.39	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	100%	44.1	1.10	384	-2 946	-0.08	662	0	1 536	1 024	-0.43	0.00	18.54	23.28	23.37	1.10	1.10	1.10
	0%	7.09	1.10	2 400	-42 360	-0.18	79 50	-5 318	32 00	12 00	-2.48	-0.44	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	7.43	1.10	2 400	-42 360	-0.18	78 27	-3 501	0	0	-2.45	-0.29	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	7.68	1.10	2 400	-41 039	-0.17	77 36	-2 455	0	0	-2.42	-0.20	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 44a-49a	75.0%	6.06	1.10	2 400	-4 282	-0.02	108 9	1 423	0	0	-3.40	-0.12	16.92	21.24	22.77	1.00	1.07	1.00
	100%	4.81	1.10	2 400	-4 282	-0.02	137 3	1 923	0	0	-4.29	-0.16	16.92	21.24	22.77	1.00	1.07	1.00
	0%	7.40	1.10	2 400	-22 973	-0.10	81 39	-3 825	32 00	12 00	-2.54	-0.32	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	7.75	1.10	2 400	-22 973	-0.10	79 24	2 624	0	0	-2.48	-0.22	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	7.50	1.10	2 400	-22 084	-0.09	82 57	2 512	0	0	-2.58	-0.21	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 48a-49a	75.0%	5.70	1.10	2 400	-22 084	-0.09	111 5	2 346	0	0	-3.49	-0.20	16.92	21.24	22.77	1.00	1.07	1.00
	100%	4.57	1.10	2 400	-22 084	-0.09	140 6	2 583	0	0	-4.39	-0.22	16.92	21.24	22.77	1.00	1.07	1.00
	0%	17.7	0.90	384	-9 675	-0.25	1 161	0	1 536	1 024	-0.76	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	25.0%	4.58	0.90	384	-9 602	-0.25	-5 903	0	1 536	1 024	-3.84	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	50.0%	3.34	0.90	384	-9 602	-0.25	-8 264	0	1 536	1 024	-5.38	0.00	15.17	19.05	19.12	1.10	1.10	1.10
Trave Legno 45a-50a	75.0%	4.58	0.90	384	-9 602	-0.25	-5 903	0	1 536	1 024	-3.84	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	100%	17.8	0.90	384	-9 675	-0.25	1 157	0	1 536	1 024	-0.75	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	0%	7.01	1.10	2 400	-44 855	-0.19	80 19	5 345	32 00	12 00	-2.51	-0.45	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	7.34	1.10	2 400	-44 855	-0.19	78 03	4 077	0	0	-2.44	-0.34	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	7.47	1.10	2 400	-44 145	-0.18	77 59	3 436	0	0	-2.42	-0.29	16.92	21.24	22.77	1.00	1.07	1.00
	75.0%	5.74	1.10	2 400	-44 145	-0.18	106 0	2 905	32 00	12 00	-3.31	-0.24	16.92	21.24	22.77	1.00	1.07	1.00

Travi (LG) - Verifiche per tensoflessione																		
Id _{Tr}	%L _{Lt}	CS	k _{mod}	A	N _{Ed}	σ _{t0d}	M _{Ed,3}	M _{Ed,2}	W _x	W _y	σ _{Md,X}	σ _{Md,Y}	f _{t0d}	f _{m,X,d}	f _{m,Y,d}	K _{h,X}	K _{h,Y}	K _h
	[%]			[cm²]	[N]	[N/mm²]	[N-m]	[N-m]	[cm³]	[cm³]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]			
Trave Legno 49a-50a	100%	4.62	1.10	2 400	-44 855	-0.19	135 1 95	2 449	32 00 0	12 00 0	-4.22	-0.20	16.92	21.24	22.77	1.00	1.07	1.00
	0%	15.8 5	0.90	384	-10 838	-0.28	1 302	0	1 536	1 024	-0.85	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	25.0%	4.63	0.90	384	-10 626	-0.28	-5 783	0	1 536	1 024	-3.76	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	50.0%	3.37	0.90	384	-10 626	-0.28	-8 142	0	1 536	1 024	-5.30	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	75.0%	4.63	0.90	384	-10 626	-0.28	-5 782	0	1 536	1 024	-3.76	0.00	15.17	19.05	19.12	1.10	1.10	1.10
Trave Legno 38a-43a	100.0 %	15.8 5	0.90	384	-10 838	-0.28	1 302	0	1 536	1 024	-0.85	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	0%	14.5 6	1.10	2 400	-38 096	-0.16	29 80 3	-6 025	32 00 0	12 00 0	-0.93	-0.50	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	15.1 4	1.10	2 400	-38 096	-0.16	28 71 0	-5 631	32 00 0	12 00 0	-0.90	-0.47	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	15.7 2	1.10	2 400	-38 096	-0.16	27 73 1	-5 240	32 00 0	12 00 0	-0.87	-0.44	16.92	21.24	22.77	1.00	1.07	1.00
	75.0%	10.8 9	1.10	2 400	-3 770	-0.02	55 36 0	-3 684	32 00 0	12 00 0	-1.73	-0.31	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 42a-43a	100.0 %	7.81	1.10	2 400	-3 770	-0.02	79 29 2	-4 077	32 00 0	12 00 0	-2.48	-0.34	16.92	21.24	22.77	1.00	1.07	1.00
	0%	50.8 3	0.90	384	-3 376	-0.09	406	0	1 536	1 024	-0.26	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	25.0%	4.34	0.90	384	-3 376	-0.09	-6 565	0	1 536	1 024	-4.27	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	50.0%	3.23	0.90	384	-3 376	-0.09	-8 894	0	1 536	1 024	-5.79	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	75.0%	4.35	0.90	384	-3 376	-0.09	-6 560	0	1 536	1 024	-4.27	0.00	15.17	19.05	19.12	1.10	1.10	1.10
Trave Legno 39a-44a	100%	50.9 2	0.90	384	-3 376	-0.09	405	0	1 536	1 024	-0.26	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	0%	15.0 3	1.10	2 400	-21 010	-0.09	31 63 4	-5 776	32 00 0	12 00 0	-0.99	-0.48	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	16.1 9	1.10	2 400	-21 010	-0.09	29 60 2	-5 085	32 00 0	12 00 0	-0.93	-0.42	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	15.4 8	1.10	2 400	-19 460	-0.08	32 97 1	-4 418	32 00 0	12 00 0	-1.03	-0.37	16.92	21.24	22.77	1.00	1.07	1.00
	75.0%	10.0 8	1.10	2 400	-20 131	-0.08	57 58 0	-3 732	32 00 0	12 00 0	-1.80	-0.31	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 43a-44a	100.0 %	7.37	1.10	2 400	-20 131	-0.08	82 18 6	-3 825	32 00 0	12 00 0	-2.57	-0.32	16.92	21.24	22.77	1.00	1.07	1.00
	0%	22.3 1	0.90	384	-7 710	-0.20	924	0	1 536	1 024	-0.60	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	25.0%	4.44	0.90	384	-7 596	-0.20	-6 203	0	1 536	1 024	-4.04	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	50.0%	3.26	0.90	384	-7 596	-0.20	-8 580	0	1 536	1 024	-5.59	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	75.0%	4.45	0.90	384	-7 596	-0.20	-6 200	0	1 536	1 024	-4.04	0.00	15.17	19.05	19.12	1.10	1.10	1.10
Trave Legno 40a-45a	100%	22.3 8	0.90	384	-7 710	-0.20	920	0	1 536	1 024	-0.60	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	0%	15.0 4	1.10	2 400	-40 682	-0.17	30 30 0	-4 634	32 00 0	12 00 0	-0.95	-0.39	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	15.9 7	1.10	2 400	-40 682	-0.17	28 39 4	4 224	32 00 0	12 00 0	-0.89	-0.35	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	15.7 8	1.10	2 400	-40 682	-0.17	28 83 5	4 260	32 00 0	12 00 0	-0.90	-0.36	16.92	21.24	22.77	1.00	1.07	1.00
	75.0%	10.1 0	1.10	2 400	-39 985	-0.17	52 69 8	4 531	32 00 0	12 00 0	-1.65	-0.38	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 44a-45a	100.0 %	7.36	1.10	2 400	-39 985	-0.17	76 64 6	5 189	32 00 0	12 00 0	-2.40	-0.43	16.92	21.24	22.77	1.00	1.07	1.00
	0%	20.6 1	0.90	384	-8 329	-0.22	1 001	0	1 536	1 024	-0.65	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	25.0%	4.47	0.90	384	-8 125	-0.21	-6 140	0	1 536	1 024	-4.00	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	50.0%	3.28	0.90	384	-8 125	-0.21	-8 515	0	1 536	1 024	-5.54	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	75.0%	4.47	0.90	384	-8 125	-0.21	-6 138	0	1 536	1 024	-4.00	0.00	15.17	19.05	19.12	1.10	1.10	1.10
Trave Legno 34a-38a	100.0 %	20.6 3	0.90	384	-8 329	-0.22	1 000	0	1 536	1 024	-0.65	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	0%	9.78	1.10	2 400	-33 776	-0.14	-54 71 9	5 226	32 00 0	12 00 0	-1.71	-0.44	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	14.0 1	1.10	2 400	-33 776	-0.14	-35 59 6	4 182	32 00 0	12 00 0	-1.11	-0.35	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	24.3 2	1.10	2 400	-33 776	-0.14	-16 33 2	-3 426	32 00 0	12 00 0	-0.51	-0.29	16.92	21.24	22.77	1.00	1.07	1.00
	75.0%	24.6 2	1.10	2 400	-3 202	-0.01	-21 54 0	-3 175	32 00 0	12 00 0	-0.67	-0.26	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 37a-38a	100.0 %	17.5 6	1.10	2 400	-3 202	-0.01	29 93 9	-4 733	32 00 0	12 00 0	-0.94	-0.39	16.92	21.24	22.77	1.00	1.07	1.00
	0%	23.7 5	0.90	384	-7 241	-0.19	868	0	1 536	1 024	-0.57	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	25.0%	4.37	0.90	384	-7 035	-0.18	-6 341	0	1 536	1 024	-4.13	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	50.0%	3.21	0.90	384	-7 035	-0.18	-8 747	0	1 536	1 024	-5.69	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	75.0%	4.37	0.90	384	-7 035	-0.18	-6 337	0	1 536	1 024	-4.13	0.00	15.17	19.05	19.12	1.10	1.10	1.10
Trave Legno 35a-39a	100%	23.6 8	0.90	384	-7 241	-0.19	872	0	1 536	1 024	-0.57	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	0%	10.4 1	1.10	2 400	-19 003	-0.08	-52 76 5	-5 359	32 00 0	12 00 0	-1.65	-0.45	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	15.4 5	1.10	2 400	-19 003	-0.08	-32 30 5	-4 883	32 00 0	12 00 0	-1.01	-0.41	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	23.9 7	1.10	2 400	-17 525	-0.07	-17 74 6	-4 409	32 00 0	12 00 0	-0.55	-0.37	16.92	21.24	22.77	1.00	1.07	1.00
	75.0%	22.7 6	1.10	2 400	-18 134	-0.08	-18 46 1	-4 801	32 00 0	12 00 0	-0.58	-0.40	16.92	21.24	22.77	1.00	1.07	1.00
	100.0	14.9	1.10	2 400	-18 134	-0.08	32 46	-5 775	32 00	12 00	-1.01	-0.48	16.92	21.24	22.77	1.00	1.07	1.00

Travi (LG) - Verifiche per tensoflessione																		
Id _{Tr}	%L _{Lt}	CS	k _{mod}	A	N _{Ed}	σ _{t0d}	M _{Ed,3}	M _{Ed,2}	W _x	W _y	σ _{Md,X}	σ _{Md,Y}	f _{t0d}	f _{m,X,d}	f _{m,Y,d}	K _{h,X}	K _{h,Y}	K _h
	[%]			[cm ²]	[N]	[N/mm ²]	[N-m]	[N-m]	[cm ³]	[cm ³]	[N/mm ²]	[N/mm ²]	[N/mm ²]	[N/mm ²]	[N/mm ²]			
Trave Legno 38a-39a	0%	2 14.8 0	0.90	384	-11 614	-0.30	1 394	0	1 536	1 024	-0.91	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	25.0%	4.48	0.90	384	-11 452	-0.30	-5 961	0	1 536	1 024	-3.88	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	50.0%	3.25	0.90	384	-11 452	-0.30	-8 413	0	1 536	1 024	-5.48	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	75.0%	4.48	0.90	384	-11 452	-0.30	-5 959	0	1 536	1 024	-3.88	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	100%	14.7 8	0.90	384	-11 614	-0.30	1 396	0	1 536	1 024	-0.91	0.00	15.17	19.05	19.12	1.10	1.10	1.10
Trave Legno 36a-40a	0%	9.12	1.10	2 400	-36 462	-0.15	-53 19 0	-8 760	32 00 0	12 00 0	-1.66	-0.73	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	13.1 0	1.10	2 400	-36 462	-0.15	-33 10 6	-7 282	32 00 0	12 00 0	-1.03	-0.61	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	20.6 8	1.10	2 400	-36 462	-0.15	-16 66 4	-5 803	32 00 0	12 00 0	-0.52	-0.48	16.92	21.24	22.77	1.00	1.07	1.00
	75.0%	22.3 2	1.10	2 400	-36 462	-0.15	-16 81 3	-4 326	32 00 0	12 00 0	-0.53	-0.36	16.92	21.24	22.77	1.00	1.07	1.00
	100.0 %	16.5 3	1.10	2 400	-35 773	-0.15	27 34 6	-4 477	32 00 0	12 00 0	-0.85	-0.37	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 39a-40a	0%	14.4 4	0.90	384	-11 896	-0.31	1 428	0	1 536	1 024	-0.93	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	25.0%	4.49	0.90	384	-11 674	-0.30	-5 933	0	1 536	1 024	-3.86	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	50.0%	3.26	0.90	384	-11 674	-0.30	-8 386	0	1 536	1 024	-5.46	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	75.0%	4.49	0.90	384	-11 674	-0.30	-5 930	0	1 536	1 024	-3.86	0.00	15.17	19.05	19.12	1.10	1.10	1.10
	100.0 %	14.4 0	0.90	384	-11 896	-0.31	1 434	0	1 536	1 024	-0.93	0.00	15.17	19.05	19.12	1.10	1.10	1.10
Trave Legno 42a-47a	0%	28.4 0	1.10	2 400	-15 972	-0.07	-10 45 8	-5 603	32 00 0	12 00 0	-0.33	-0.47	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	34.2 7	1.10	2 400	-15 972	-0.07	-8 175	-4 597	32 00 0	12 00 0	-0.26	-0.38	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	42.2 4	1.10	2 400	-12 769	-0.05	-5 704	-4 004	32 00 0	12 00 0	-0.18	-0.33	16.92	21.24	22.77	1.00	1.07	1.00
	75.0%	40.4 7	1.10	2 400	-1 487	-0.01	-10 25 6	-3 611	32 00 0	12 00 0	-0.32	-0.30	16.92	21.24	22.77	1.00	1.07	1.00
	100%	36.2 9	1.10	2 400	-1 487	-0.01	-12 98 6	-3 154	32 00 0	12 00 0	-0.41	-0.26	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 37a-42a	0%	26.1 9	1.10	2 400	-8 724	-0.04	5 105	-8 408	32 00 0	12 00 0	-0.16	-0.70	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	31.7 4	1.10	2 400	-8 724	-0.04	-2 474	-7 323	32 00 0	12 00 0	-0.08	-0.61	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	36.6 1	1.10	2 400	-8 724	-0.04	-2 257	-6 240	32 00 0	12 00 0	-0.07	-0.52	16.92	21.24	22.77	1.00	1.07	1.00
	75.0%	35.6 4	1.10	2 400	-12 471	-0.05	-5 666	-5 233	32 00 0	12 00 0	-0.18	-0.44	16.92	21.24	22.77	1.00	1.07	1.00
	100.0 %	30.6 5	1.10	2 400	-7 109	-0.03	-10 06 0	-5 604	32 00 0	12 00 0	-0.31	-0.47	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 18-37a	0%	19.3 2	1.10	2 400	-8 345	-0.03	16 35 0	8 976	32 00 0	12 00 0	-0.51	-0.75	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	27.1 3	1.10	2 400	-8 345	-0.03	12 11 0	6 103	32 00 0	12 00 0	-0.38	-0.51	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	45.3 4	1.10	2 400	-8 345	-0.03	7 949	3 228	32 00 0	12 00 0	-0.25	-0.27	16.92	21.24	22.77	1.00	1.07	1.00
	75.0%	40.3 4	1.10	2 400	-5 187	-0.02	7 401	-4 341	32 00 0	12 00 0	-0.23	-0.36	16.92	21.24	22.77	1.00	1.07	1.00
	100.0 %	25.6 1	1.10	2 400	-5 187	-0.02	6 792	-8 408	32 00 0	12 00 0	-0.21	-0.70	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 22-41a	0%	9.63	0.90	2 400	-10 330	-0.04	27 75 3	-14 71 7	32 00 0	12 00 0	-0.87	-1.23	13.84	17.38	18.63	1.00	1.07	1.00
	25.0%	12.4 4	0.80	2 400	-10 046	-0.04	19 60 6	-9 784	32 00 0	12 00 0	-0.61	-0.82	12.30	15.45	16.56	1.00	1.07	1.00
	50.0%	17.5 1	0.80	2 400	-10 046	-0.04	14 54 4	-6 579	32 00 0	12 00 0	-0.45	-0.55	12.30	15.45	16.56	1.00	1.07	1.00
	75.0%	26.1 7	1.10	2 400	-11 282	-0.05	7 894	-7 459	32 00 0	12 00 0	-0.25	-0.62	16.92	21.24	22.77	1.00	1.07	1.00
	100.0 %	24.6 9	1.10	2 400	-11 282	-0.05	6 161	-8 571	32 00 0	12 00 0	-0.19	-0.71	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 41a-46a	0%	26.1 9	1.10	2 400	-8 962	-0.04	4 471	-8 572	32 00 0	12 00 0	-0.14	-0.71	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	35.6 5	1.10	2 400	-8 962	-0.04	2 446	6 372	32 00 0	12 00 0	-0.08	-0.53	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	49.1 5	1.10	2 400	-9 908	-0.04	-316	4 803	32 00 0	12 00 0	-0.01	-0.40	16.92	21.24	22.77	1.00	1.07	1.00
	75.0%	35.1 7	1.10	2 400	-7 077	-0.03	-2 506	6 587	32 00 0	12 00 0	-0.08	-0.55	16.92	21.24	22.77	1.00	1.07	1.00
	100.0 %	24.0 5	1.10	2 400	-7 077	-0.03	-4 409	9 641	32 00 0	12 00 0	-0.14	-0.80	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 46a-51a	0%	23.7 0	1.10	2 400	-9 596	-0.04	-4 410	9 641	32 00 0	12 00 0	-0.14	-0.80	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	25.9 2	0.90	2 400	-10 330	-0.04	-7 704	5 761	32 00 0	12 00 0	-0.24	-0.48	13.84	17.38	18.63	1.00	1.07	1.00
	50.0%	25.5 3	0.90	2 400	-10 330	-0.04	-8 093	5 783	32 00 0	12 00 0	-0.25	-0.48	13.84	17.38	18.63	1.00	1.07	1.00
	75.0%	25.2 9	0.90	2 400	-10 330	-0.04	-8 324	5 801	32 00 0	12 00 0	-0.26	-0.48	13.84	17.38	18.63	1.00	1.07	1.00
	100%	25.1 7	0.90	2 400	-10 330	-0.04	-8 397	5 822	32 00 0	12 00 0	-0.26	-0.49	13.84	17.38	18.63	1.00	1.07	1.00
Trave Legno	0%	4.56	1.10	2 400	-46 505	-0.19	137 9	1 954	32 00	12 00	-4.31	-0.16	16.92	21.24	22.77	1.00	1.07	1.00

Travi (LG) - Verifiche per tensoflessione																		
Id _{Tr}	%L _{Li}	CS	k _{mod}	A	N _{Ed}	σ _{td}	M _{Ed,3}	M _{Ed,2}	W _x	W _y	σ _{md,x}	σ _{md,y}	f _{td}	f _{m,x,d}	f _{m,y,d}	K _{h,x}	K _{h,y}	K _h
	[%]			[cm²]	[N]	[N/mm²]	[N·m]	[N·m]	[cm³]	[cm³]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]			
48a-27							16		0	0								
	24.8%	4.99	1.10	2 400	-46 505	-0.19	125 172	1 882	32 000	12 000	-3.91	-0.16	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	5.48	1.10	2 400	-45 105	-0.19	112 478	2 356	32 000	12 000	-3.51	-0.20	16.92	21.24	22.77	1.00	1.07	1.00
	74.8%	4.94	1.10	2 400	-4 675	-0.02	130 792	3 520	32 000	12 000	-4.09	-0.29	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 49a-28	100%	4.26	1.10	2 400	-4 675	-0.02	150 014	4 943	32 000	12 000	-4.69	-0.41	16.92	21.24	22.77	1.00	1.07	1.00
	0%	4.58	1.10	2 400	-24 813	-0.10	139 893	2 584	32 000	12 000	-4.37	-0.22	16.92	21.24	22.77	1.00	1.07	1.00
	24.8%	5.05	1.10	2 400	-24 813	-0.10	126 395	2 288	32 000	12 000	-3.95	-0.19	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	5.55	1.10	2 400	-23 915	-0.10	114 025	2 509	32 000	12 000	-3.56	-0.21	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 27-28	74.8%	4.70	1.10	2 400	-23 915	-0.10	133 951	3 795	32 000	12 000	-4.19	-0.32	16.92	21.24	22.77	1.00	1.07	1.00
	100%	4.08	1.10	2 400	-23 915	-0.10	153 884	5 079	32 000	12 000	-4.81	-0.42	16.92	21.24	22.77	1.00	1.07	1.00
	0%	22.31	1.10	2 400	-1 988	-0.01	24 785	3 070	32 000	12 000	-0.77	-0.26	16.92	21.24	22.77	1.00	1.07	1.00
	25.0%	42.90	1.10	2 400	-1 988	-0.01	-12 740	1 591	32 000	12 000	-0.40	-0.13	16.92	21.24	22.77	1.00	1.07	1.00
Trave Legno 50a-29	50.0%	NS	1.10	2 400	-1 988	-0.01	-3 381	150	32 000	12 000	-0.11	-0.01	16.92	21.24	22.77	1.00	1.07	1.00
	75.0%	NS	1.10	2 400	-1 181	0.00	5 548	-566	32 000	12 000	-0.17	-0.05	16.92	21.24	22.77	1.00	1.07	1.00
	100%	36.83	1.10	2 400	-1 181	0.00	16 041	-1 272	32 000	12 000	-0.50	-0.11	16.92	21.24	22.77	1.00	1.07	1.00
	0%	4.49	1.10	2 400	-48 904	-0.20	138 859	2 569	32 000	12 000	-4.34	-0.21	16.92	21.24	22.77	1.00	1.07	1.00
	24.8%	4.96	1.10	2 400	-48 904	-0.20	125 102	2 194	32 000	12 000	-3.91	-0.18	16.92	21.24	22.77	1.00	1.07	1.00
	50.0%	5.50	1.10	2 400	-48 182	-0.20	111 346	2 428	32 000	12 000	-3.48	-0.20	16.92	21.24	22.77	1.00	1.07	1.00
	74.8%	4.76	1.10	2 400	-48 182	-0.20	128 694	3 412	32 000	12 000	-4.02	-0.28	16.92	21.24	22.77	1.00	1.07	1.00
	100%	4.14	1.10	2 400	-48 182	-0.20	148 571	4 395	32 000	12 000	-4.64	-0.37	16.92	21.24	22.77	1.00	1.07	1.00

LEGENDA:

Id _{Tr}	Identificativo della trave.
%L _{Li}	Posizione della sezione per la quale vengono forniti i valori di verifica, valutata come % della lunghezza libera d'inflessione (L _{Li}), a partire dall'estremo iniziale.
CS	Coefficiente di sicurezza ([NS] = Non Significativo se CS ≥ 100; [VNR]= Verifica Non Richiesta; Informazioni aggiuntive sulla condizione: [V] = statica; [E] = eccezionale; [S] = sismica; [N] = sismica non lineare).
k _{mod}	Coefficiente di riduzione per Classe di Servizio e di Durata del carico.
A	Area della sezione.
N _{Ed}	Sforzo normale di progetto.
σ _{td}	Tensione di progetto a trazione in direzione parallela alla fibratura.
M _{Ed,3}	Momento flettente di progetto intorno a 3.
M _{Ed,2}	Momento flettente di progetto intorno a 2.
W _x	Modulo di resistenza rispetto alla direzione locale X.
W _y	Modulo di resistenza rispetto alla direzione locale Y.
σ _{md,x}	Tensione per Momento di progetto rispetto alla direzione locale X.
σ _{md,y}	Tensione per Momento di progetto rispetto alla direzione locale Y.
f _{td}	Tensione resistente a trazione in direzione parallela alla fibratura.
f _{m,x,d}	Tensione resistente per Flessione rispetto alla direzione locale X.
f _{m,y,d}	Tensione resistente per Flessione rispetto alla direzione locale Y.
K _{h,x}	Coefficiente di amplificazione della resistenza a flessione rispetto alla direzione locale X.
K _{h,y}	Coefficiente di amplificazione della resistenza a flessione rispetto alla direzione locale Y.
K _h	Coefficiente di amplificazione della resistenza per flessione e trazione.

TRAVI (LG) - VERIFICHE PER TAGLIO E TORSIONE (Elevazione) allo SLU

Travi (LG) - Verifiche per taglio e torsione													
Id _{Tr}	%L _{Li}	CS _{v,T}	CS _v	CS _T	k _{mod}	A	V _{Ed,3}	V _{Ed,2}	T _{Ed}	τ _{V,Ed}	τ _{T,Ed}	f _{vd}	
	[%]					[cm²]	[N]	[N]	[N·m]	[N/mm²]	[N/mm²]	[N/mm²]	
Piano copertura													
Trave Legno 47a-26	0%	80.32	32.68	86.82	0.90	2 400	3 458	-6 765	229	0.07	0.01	2.17	
	24.9%	79.82	31.41	86.82	0.90	2 400	3 458	-7 109	229	0.07	0.01	2.17	
	50.0%	79.27	30.14	86.82	0.90	2 400	3 458	-7 477	229	0.07	0.01	2.17	
	74.9%	78.70	28.95	86.82	0.90	2 400	3 458	-7 847	229	0.08	0.01	2.17	
	100%	78.11	27.86	86.82	0.90	2 400	3 458	-8 214	229	0.08	0.01	2.17	
Trave Legno 11a-9	0%	15.26	12.72	15.61	0.90	2 400	6 598	-18 363	446	0.17	0.02	2.17	
	25.0%	15.24	12.51	15.61	0.90	2 400	6 598	-18 712	446	0.17	0.02	2.17	
	50.0%	15.23	12.29	15.61	0.90	2 400	6 598	-19 087	446	0.18	0.02	2.17	
	75.0%	15.22	12.08	15.61	0.90	2 400	6 598	-19 462	446	0.18	0.02	2.17	
	100.0%	15.21	11.88	15.61	0.90	2 400	6 598	-19 836	446	0.18	0.02	2.17	
Trave Legno 29a-18	0%	19.06	15.49	20.70	0.90	2 400	9 488	-12 913	956	0.14	0.05	2.17	
	24.9%	19.00	15.20	20.70	0.90	2 400	9 488	-13 302	956	0.14	0.05	2.17	
	50.0%	18.94	14.89	20.70	0.90	2 400	9 488	-13 715	956	0.15	0.05	2.17	
	74.9%	18.87	14.59	20.70	0.90	2 400	9 488	-14 128	956	0.15	0.05	2.17	
Trave Legno 18a-13	100%	18.80	14.30	20.70	0.90	2 400	9 488	-14 540	956	0.15	0.05	2.17	
	0%	4.75	22.81	4.79	0.90	2 400	14	10 822	11 924	0.09	0.63	2.17	
	25.0%	4.78	42.17	4.79	0.90	2 400	14	5 881	11 924	0.05	0.63	2.17	
	50.0%	4.79	NS	4.79	0.90	2 400	14	480	11 924	0.00	0.63	2.17	

Travi (LG) - Verifiche per taglio e torsione												
Id _{Tr}	%L _{Lt}	CS _{v,T}	CS _v	CS _T	k _{mod}	A	V _{Ed,3}	V _{Ed,2}	T _{Ed}	τ _{V,Ed}	τ _{T,Ed}	f _{vd}
	[%]					[cm ²]	[N]	[N]	[N·m]	[N/mm ²]	[N/mm ²]	[N/mm ²]
Trave Legno 12a-16a	75.0%	4.78	48.55	4.79	0.90	2 400	14	-4 922	11 924	0.04	0.63	2.17
	100%	4.75	23.50	4.79	0.90	2 400	14	-10 324	11 924	0.09	0.63	2.17
	0%	4.97	6.21	5.71	0.90	2 400	14 989	37 053	10 006	0.35	0.53	2.17
	25.0%	4.99	6.29	5.71	0.90	2 400	14 989	36 509	10 006	0.35	0.53	2.17
	50.0%	5.01	6.38	5.71	0.90	2 400	14 989	35 916	10 006	0.34	0.53	2.17
	75.0%	5.02	6.47	5.71	0.90	2 400	14 989	35 328	10 006	0.34	0.53	2.17
Trave Legno 9-16a	100.0%	5.04	6.55	5.71	0.90	2 400	14 989	34 824	10 006	0.33	0.53	2.17
	0%	4.66	23.81	4.69	0.90	2 400	5	10 188	12 169	0.09	0.65	2.17
	25.0%	4.69	49.32	4.69	0.90	2 400	5	4 844	12 169	0.04	0.65	2.17
	50.0%	4.69	NS	4.69	0.90	2 400	5	-503	12 169	0.00	0.65	2.17
	75.0%	4.68	42.42	4.69	0.90	2 400	5	-5 848	12 169	0.05	0.65	2.17
	100%	4.65	22.99	4.69	0.90	2 400	5	-10 736	12 169	0.09	0.65	2.17
Trave Legno 13a-17a	0%	14.31	6.57	15.29	0.80	2 400	-468	33 563	164	0.29	0.01	1.93
	25.0%	14.34	6.67	15.29	0.90	2 400	-529	37 202	164	0.33	0.01	2.17
	50.0%	14.38	6.78	15.29	0.90	2 400	-529	36 609	164	0.32	0.01	2.17
	75.0%	14.41	6.89	15.29	0.90	2 400	-529	36 021	164	0.32	0.01	2.17
	100.0%	14.44	6.99	15.29	0.90	2 400	-529	35 517	164	0.31	0.01	2.17
	0%	55.31	22.94	61.49	0.60	2 400	5	7 215	365	0.06	0.02	1.45
Trave Legno 16a-17a	25.0%	59.74	45.14	61.49	0.60	2 400	5	3 667	365	0.03	0.02	1.45
	50.0%	61.49	NS	61.49	0.90	2 400	6	-207	929	0.00	0.05	2.17
	75.0%	59.47	42.34	61.49	0.80	2 400	6	-5 212	365	0.05	0.02	1.93
	100%	54.87	22.21	61.49	0.60	2 400	5	-7 454	365	0.07	0.02	1.45
	0%	5.24	6.16	6.08	0.90	2 400	-16 095	36 950	9 400	0.35	0.50	2.17
	25.0%	5.26	6.24	6.08	0.90	2 400	-16 095	36 404	9 400	0.35	0.50	2.17
Trave Legno 14a-18a	50.0%	5.28	6.32	6.08	0.90	2 400	-16 095	35 811	9 400	0.34	0.50	2.17
	75.0%	5.29	6.41	6.08	0.90	2 400	-16 095	35 224	9 400	0.34	0.50	2.17
	100.0%	5.31	6.49	6.08	0.90	2 400	-16 095	34 720	9 400	0.33	0.50	2.17
	0%	50.86	22.29	56.55	0.60	2 400	8	7 427	432	0.06	0.02	1.45
	25.0%	54.84	42.63	56.55	0.80	2 400	11	5 177	432	0.05	0.02	1.93
	50.0%	56.54	NS	56.55	0.80	2 400	12	142	898	0.00	0.05	1.93
Trave Legno 17a-18a	75.0%	55.02	44.78	56.55	0.60	2 400	8	-3 696	432	0.03	0.02	1.45
	100.0%	51.15	22.85	56.55	0.60	2 400	8	-7 243	432	0.06	0.02	1.45
	0%	3.57	21.88	3.60	0.90	2 400	-5	11 300	15 882	0.10	0.85	2.17
	25.0%	3.59	39.68	3.60	0.90	2 400	-5	6 248	15 882	0.05	0.85	2.17
	50.0%	3.60	NS	3.60	0.90	2 400	-5	720	15 882	0.01	0.85	2.17
	75.0%	3.59	49.66	3.60	0.90	2 400	-5	-4 807	15 882	0.04	0.85	2.17
Trave Legno 30a-34a	100%	3.57	23.54	3.60	0.90	2 400	-5	-10 334	15 882	0.09	0.85	2.17
	0%	11.00	6.59	11.54	0.90	2 400	6 516	-37 133	1 241	0.33	0.07	2.17
	25.0%	10.98	6.49	11.54	0.90	2 400	6 516	-37 722	1 241	0.33	0.07	2.17
	50.0%	10.96	6.38	11.54	0.90	2 400	6 516	-38 360	1 241	0.34	0.07	2.17
	75.0%	10.94	6.28	11.54	0.90	2 400	6 516	-38 995	1 241	0.35	0.07	2.17
	100%	10.91	6.20	11.54	0.90	2 400	6 516	-39 541	1 241	0.35	0.07	2.17
Trave Legno 18-34a	0%	3.54	23.92	3.56	0.90	2 400	-17	10 162	16 041	0.09	0.85	2.17
	25.0%	3.56	50.83	3.56	0.90	2 400	-17	4 694	16 041	0.04	0.85	2.17
	50.0%	3.56	NS	3.56	0.90	2 400	-17	-778	16 041	0.01	0.85	2.17
	75.0%	3.55	39.74	3.56	0.90	2 400	-17	-6 244	16 041	0.05	0.85	2.17
	100%	3.54	22.00	3.56	0.90	2 400	-17	-11 242	16 041	0.10	0.85	2.17
	0%	13.98	6.64	14.74	0.90	2 400	-157	-37 368	263	0.33	0.01	2.17
Trave Legno 31a-35a	25.0%	13.95	6.54	14.74	0.90	2 400	-157	-37 957	263	0.33	0.01	2.17
	50.0%	13.92	6.43	14.74	0.90	2 400	-157	-38 594	263	0.34	0.01	2.17
	75.0%	13.88	6.33	14.74	0.90	2 400	-157	-39 230	263	0.34	0.01	2.17
	100%	13.85	6.24	14.74	0.90	2 400	-157	-39 776	263	0.35	0.01	2.17
	0%	45.26	22.77	49.42	0.60	2 400	-8	7 270	495	0.06	0.03	1.45
	25.0%	48.28	45.22	49.42	0.60	2 400	-8	3 660	745	0.03	0.04	1.45
Trave Legno 34a-35a	50.0%	49.41	NS	49.42	0.90	2 400	-13	-335	1 156	0.00	0.06	2.17
	75.0%	47.99	40.61	49.42	0.80	2 400	-12	-5 435	495	0.05	0.03	1.93
	100%	44.77	21.60	49.42	0.60	2 400	-8	-7 663	495	0.07	0.03	1.45
	0%	11.52	6.48	12.14	0.90	2 400	-7 021	-37 683	718	0.34	0.04	2.17
	25.0%	11.50	6.38	12.14	0.90	2 400	-7 021	-38 271	718	0.34	0.04	2.17
	50.0%	11.48	6.28	12.14	0.90	2 400	-7 021	-38 908	718	0.35	0.04	2.17
Trave Legno 32a-36a	75.0%	11.46	6.18	12.14	0.90	2 400	-7 021	-39 543	718	0.35	0.04	2.17
	100%	11.44	6.10	12.14	0.90	2 400	-7 021	-40 091	718	0.36	0.04	2.17
	0%	47.87	21.76	53.14	0.60	2 400	-6	7 606	458	0.07	0.02	1.45
	25.0%	51.53	41.15	53.14	0.80	2 400	-8	5 363	458	0.05	0.02	1.93
	50.0%	53.14	NS	53.14	0.90	2 400	-10	259	1 075	0.00	0.06	2.17
	75.0%	51.79	44.51	53.14	0.60	2 400	-6	-3 719	458	0.03	0.02	1.45
Trave Legno 35a-36a	100.0%	48.30	22.59	53.14	0.60	2 400	-6	-7 327	458	0.06	0.02	1.45
	0%	14.92	22.75	15.06	1.10	2 400	-2 699	7 077	4 635	0.07	0.25	2.66
	25.0%	14.98	35.48	15.06	1.10	2 400	-2 699	5 138	4 635	0.05	0.25	2.66
	50.0%	15.02	59.47	15.06	1.10	2 400	-2 699	3 200	4 635	0.04	0.25	2.66
	75.0%	15.03	71.48	15.06	1.10	2 400	-2 699	-2 198	4 635	0.03	0.25	2.66
	100%	15.00	51.04	15.06	1.10	2 400	-2 699	-4 136	4 635	0.04	0.25	2.66
Trave Legno 2-3	0%	73.69	24.29	77.32	1.10	2 400	1 760	12 367	14	0.11	0.00	2.66
	25.0%	75.22	28.69	77.32	1.10	2 400	1 760	10 428	658	0.09	0.04	2.66
	50.0%	74.07	25.16	77.32	1.10	2 400	1 760	-11 932	14	0.11	0.00	2.66
	75.0%	72.26	21.70	77.32	1.10	2 400	1 760	-13 872	14	0.12	0.00	2.66
	100%	70.14	19.08	77.32	1.10	2 400	1 760	-15 810	14	0.14	0.00	2.66
	0%	76.40	24.04	83.82	1.10	2 400	-1 215	12 564	132	0.11	0.01	2.66
Trave Legno 3-4	25.0%	79.37	28.38	83.82	1.10	2 400	-1 215	10 624	132	0.09	0.01	2.66
	50.0%	81.78	34.59	83.82	1.10	2 400	-1 215	8 687	793	0.08	0.04	2.66
	75.0%	80.57	30.82	83.82	1.10	2 400	-1 215	-9 772	793	0.09	0.04	2.66
	100.0%	77.74	25.78	83.82	1.10	2 400	-1 215	-11 709	132	0.10	0.01	2.66
	0%	14.80	59.88	14.85	1.10	2 400	2 732	3 337	4 703	0.04	0.25	2.66
	25.0%	14.82	77.72	14.85	1.10	2 400	2 732	-1 961	4 703	0.03	0.25	2.66
Trave Legno 1-2	50.0%	14.79	52.66	14.85	1.10	2 400	2 732	-3 879	4 703	0.04	0.25	2.66
	75.0%	14.75	29.17	14.85	1.10	2 400	2 732	-5 796	4 703	0.06	0.25	2.66

Travi (LG) - Verifiche per taglio e torsione												
Id _{Tr}	%L _{Lt}	CS _{v,T}	CS _v	CS _T	k _{mod}	A	V _{Ed,3}	V _{Ed,2}	T _{Ed}	τ _{V,Ed}	τ _{T,Ed}	f _{vd}
	[%]					[cm ²]	[N]	[N]	[N·m]	[N/mm ²]	[N/mm ²]	[N/mm ²]
Trave Legno 51a-30	100%	14.69	20.09	14.85	1.10	2 400	2 732	-7 713	4 703	0.07	0.25	2.66
	0%	92.16	27.46	NS	0.90	2 400	-5 562	-7 127	193	0.08	0.01	2.17
	25.0%	91.30	26.46	NS	0.90	2 400	-5 562	-7 559	193	0.08	0.01	2.17
	50.0%	90.36	25.45	NS	0.90	2 400	-5 562	-8 014	193	0.09	0.01	2.17
	75.0%	89.37	24.50	NS	0.90	2 400	-5 562	-8 471	193	0.09	0.01	2.17
Trave Legno 33a-22	100%	88.36	23.60	NS	0.90	2 400	-5 562	-8 927	193	0.09	0.01	2.17
	0%	10.66	15.29	11.10	1.10	2 400	-17 090	-7 412	6 289	0.16	0.33	2.66
	25.0%	10.65	14.95	11.10	1.10	2 400	-17 090	-7 718	6 289	0.16	0.33	2.66
	50.0%	10.64	14.61	11.10	1.10	2 400	-17 090	-8 032	6 289	0.17	0.33	2.66
	75.0%	10.64	14.27	11.10	1.10	2 400	-17 090	-8 345	6 289	0.17	0.33	2.66
Trave Legno 15a-13	100%	10.63	13.96	11.10	1.10	2 400	-17 090	-8 658	6 289	0.17	0.33	2.66
	0%	9.10	11.79	9.34	1.10	2 400	-13 468	-8 891	7 475	0.14	0.40	2.66
	25.0%	9.10	11.61	9.34	1.10	2 400	-13 468	-9 171	7 475	0.14	0.40	2.66
	50.0%	9.09	11.43	9.34	1.10	2 400	-13 468	-9 458	7 475	0.14	0.40	2.66
	75.0%	9.09	11.24	9.34	1.10	2 400	-13 468	-9 746	7 475	0.15	0.40	2.66
Trave Legno 29-30	100.0%	9.08	11.07	9.34	1.10	2 400	-13 468	-10 032	7 475	0.15	0.40	2.66
	0%	10.92	21.76	11.00	1.10	2 400	2 257	7 558	6 345	0.07	0.34	2.66
	25.0%	10.96	32.77	11.00	1.10	2 400	2 257	5 657	6 345	0.05	0.34	2.66
	50.0%	10.98	61.11	11.00	1.10	2 400	2 257	3 756	6 345	0.04	0.34	2.66
	75.0%	10.99	90.78	11.00	1.10	2 400	2 257	1 855	6 345	0.03	0.34	2.66
Trave Legno 28-29	100%	10.98	61.30	11.00	1.10	2 400	2 257	-3 702	6 345	0.04	0.34	2.66
	0%	61.23	28.52	63.59	1.10	2 400	1 211	10 571	259	0.09	0.01	2.66
	25.0%	62.24	34.67	63.59	1.10	2 400	1 211	8 669	1 037	0.08	0.06	2.66
	50.0%	62.46	36.73	63.59	1.10	2 400	1 211	-8 173	1 037	0.07	0.06	2.66
	75.0%	61.52	29.90	63.59	1.10	2 400	1 211	-10 075	259	0.09	0.01	2.66
Trave Legno 26-27	100.0%	60.31	25.21	63.59	1.10	2 400	1 211	-11 975	259	0.11	0.01	2.66
	0%	11.55	54.72	11.58	1.10	2 400	-2 937	3 175	6 031	0.04	0.32	2.66
	25.0%	11.56	88.08	11.58	1.10	2 400	-2 937	1 295	6 031	0.03	0.32	2.66
	50.0%	11.55	63.89	11.58	1.10	2 400	-2 937	-2 756	6 031	0.04	0.32	2.66
	75.0%	11.53	33.26	11.58	1.10	2 400	-2 937	-4 635	6 031	0.05	0.32	2.66
Trave Legno 4a-5a	100%	11.50	22.19	11.58	1.10	2 400	-2 937	-6 515	6 031	0.06	0.32	2.66
	0%	26.82	5.48	NS	0.90	384	0	7 250	6	0.40	0.00	2.17
	25.0%	75.09	10.34	NS	0.90	384	0	3 840	6	0.21	0.00	2.17
	50.0%	NS	NS	NS	0.90	384	0	-3	15	0.00	0.01	2.17
	75.0%	75.04	10.34	NS	0.90	384	0	-3 842	6	0.21	0.00	2.17
Trave Legno 9a-10a	100%	26.80	5.48	NS	0.90	384	0	-7 254	6	0.40	0.00	2.17
	0%	27.60	5.64	NS	0.90	384	0	7 046	8	0.39	0.01	2.17
	25.0%	73.62	10.65	NS	0.90	384	0	3 730	8	0.20	0.01	2.17
	50.0%	NS	NS	NS	0.60	384	0	-2	12	0.00	0.01	1.45
	75.0%	73.52	10.64	NS	0.90	384	0	-3 734	8	0.20	0.01	2.17
Trave Legno 14a-15a	100%	27.59	5.64	NS	0.90	384	0	-7 048	8	0.39	0.01	2.17
	0%	30.17	5.85	NS	0.90	384	0	6 785	6	0.37	0.00	2.17
	25.0%	82.25	11.05	NS	0.90	384	0	3 594	6	0.20	0.00	2.17
	50.0%	NS	NS	NS	0.90	384	0	1	15	0.00	0.01	2.17
	75.0%	82.25	11.05	NS	0.90	384	0	-3 594	6	0.20	0.00	2.17
Trave Legno 3-3a	100%	30.18	5.86	NS	0.90	384	0	-6 784	6	0.37	0.00	2.17
	0%	7.27	2.91	10.65	0.90	2 400	-2 078	85 400	499	0.75	0.03	2.17
	25.0%	7.30	2.91	10.65	0.90	2 400	-2 078	85 182	499	0.75	0.03	2.17
	50.0%	7.33	2.92	10.65	0.90	2 400	-2 078	84 967	499	0.74	0.03	2.17
	75.1%	7.36	2.93	10.65	0.90	2 400	-2 078	84 748	499	0.74	0.03	2.17
Trave Legno 2a-3a	100%	7.40	2.94	10.65	0.90	2 400	-2 078	84 534	499	0.74	0.03	2.17
	0%	-	5.48	-	0.90	384	0	7 250	0	0.40	0.00	2.17
	25.0%	-	10.34	-	0.90	384	0	3 840	0	0.21	0.00	2.17
	50.0%	-	NS	-	0.80	384	0	-3	0	0.00	0.00	1.93
	75.0%	-	10.34	-	0.90	384	0	-3 842	0	0.21	0.00	2.17
Trave Legno 4-4a	100%	-	5.48	-	0.90	384	0	-7 254	0	0.40	0.00	2.17
	0%	1.73	2.82	2.22	0.90	2 400	24 777	84 606	25 751	0.77	1.37	2.17
	25.0%	1.74	2.82	2.22	0.90	2 400	24 777	84 388	25 751	0.77	1.37	2.17
	50.0%	1.74	2.83	2.22	0.90	2 400	24 777	84 174	25 751	0.77	1.37	2.17
	75.1%	1.74	2.84	2.22	0.90	2 400	24 777	83 956	25 751	0.77	1.37	2.17
Trave Legno 3a-4a	100%	1.74	2.84	2.22	0.90	2 400	24 777	83 741	25 751	0.76	1.37	2.17
	0%	-	5.48	-	0.90	384	0	7 250	0	0.40	0.00	2.17
	25.0%	-	10.34	-	0.90	384	0	3 840	0	0.21	0.00	2.17
	50.0%	-	NS	-	0.80	384	0	-4	0	0.00	0.00	1.93
	75.0%	-	10.34	-	0.90	384	0	-3 842	0	0.21	0.00	2.17
Trave Legno 5-5a	100.0%	-	5.48	-	0.90	384	0	-7 254	0	0.40	0.00	2.17
	0%	91.00	24.74	NS	0.80	2 400	2 203	8 643	188	0.08	0.01	1.93
	25.0%	92.14	25.96	NS	0.80	2 400	2 203	8 212	188	0.07	0.01	1.93
	50.0%	93.25	27.28	NS	0.80	2 400	2 203	7 783	188	0.07	0.01	1.93
	75.0%	94.33	28.66	NS	0.90	2 400	2 497	8 296	188	0.08	0.01	2.17
Trave Legno 1-1a	100%	95.33	30.05	NS	0.90	2 400	2 497	7 875	188	0.07	0.01	2.17
	0%	97.72	29.71	NS	0.80	2 400	591	7 404	181	0.06	0.01	1.93
	25.0%	98.85	31.41	NS	0.90	2 400	593	7 881	181	0.07	0.01	2.17
	50.0%	99.94	33.28	NS	0.90	2 400	593	7 437	181	0.07	0.01	2.17
	75.0%	NS	35.39	NS	0.90	2 400	593	6 991	181	0.06	0.01	2.17
Trave Legno 1a-2a	100%	NS	37.63	NS	0.90	2 400	593	6 571	181	0.06	0.01	2.17
	0%	27.14	5.54	NS	0.90	384	0	7 174	7	0.39	0.00	2.17
	25.0%	74.56	10.44	NS	0.90	384	0	3 805	7	0.21	0.00	2.17
	50.0%	NS	NS	NS	0.90	384	0	-1	16	0.00	0.01	1.93
	75.0%	74.69	10.45	NS	0.90	384	0	-3 800	7	0.21	0.00	2.17
Trave Legno 2-2a	100%	27.16	5.54	NS	0.90	384	0	-7 171	7	0.39	0.00	2.17
	0%	1.57	2.75	1.99	0.90	2 400	-31 955	84 446	28 721	0.79	1.53	2.17
	25.0%	1.58	2.76	1.99	0.90	2 400	-31 955	84 228	28 721	0.79	1.53	2.17
	50.0%	1.58	2.76	1.99	0.90	2 400	-31 955	84 014	28 721	0.79	1.53	2.17
	75.1%	1.58	2.77	1.99	0.90	2 400	-31 955	83 796	28 721	0.78	1.53	2.17
	100%	1.58	2.77	1.99	0.90	2 400	-31 955	83 581	28 721	0.78	1.53	2.17

Travi (LG) - Verifiche per taglio e torsione												
Id _{Tr}	%L _I	CS _{v,T}	CS _v	CS _T	k _{mod}	A	V _{Ed,3}	V _{Ed,2}	T _{Ed}	τ _{V,Ed}	τ _{T,Ed}	f _{vd}
	[%]					[cm ²]	[N]	[N]	[N-m]	[N/mm ²]	[N/mm ²]	[N/mm ²]
Trave Legno 46a-51a	100.0%	15.33	23.66	15.76	0.90	2 400	4 858	9 245	3 625	0.09	0.19	2.17
	0%	33.11	68.63	33.19	0.80	2 400	121	1 883	1 530	0.02	0.08	1.93
	25.0%	33.14	71.00	33.19	0.80	2 400	121	1 399	1 530	0.01	0.08	1.93
	50.0%	33.17	73.14	33.19	0.80	2 400	121	893	1 530	0.01	0.08	1.93
	75.0%	33.18	74.91	33.19	0.80	2 400	121	388	1 530	0.00	0.08	1.93
Trave Legno 48a-27	100%	33.19	74.60	33.19	0.80	2 400	121	-98	1 530	0.00	0.08	1.93
	0%	4.42	2.20	50.24	0.90	2 400	11 964	-112 082	411	0.99	0.02	2.17
	24.8%	4.42	2.20	50.24	0.90	2 400	11 964	-112 171	411	0.99	0.02	2.17
	50.0%	4.41	2.20	50.24	0.90	2 400	11 964	-112 287	411	0.99	0.02	2.17
	74.8%	4.40	2.20	50.24	0.90	2 400	11 964	-112 417	411	0.99	0.02	2.17
Trave Legno 49a-28	100%	4.39	2.19	50.24	0.90	2 400	11 964	-112 543	411	0.99	0.02	2.17
	0%	4.77	2.19	NS	0.90	2 400	3 005	-113 287	34	0.99	0.00	2.17
	24.8%	4.76	2.19	NS	0.90	2 400	3 005	-113 377	34	0.99	0.00	2.17
	50.0%	4.75	2.19	NS	0.90	2 400	3 005	-113 491	34	0.99	0.00	2.17
	74.8%	4.74	2.18	NS	0.90	2 400	3 005	-113 622	34	0.99	0.00	2.17
Trave Legno 27-28	100%	4.73	2.18	NS	0.90	2 400	3 005	-113 746	34	1.00	0.00	2.17
	0%	60.99	24.95	63.88	1.10	2 400	-1 289	12 093	8	0.11	0.00	2.66
	25.0%	62.12	29.54	63.88	1.10	2 400	-1 289	10 192	830	0.09	0.04	2.66
	50.0%	62.66	33.05	63.88	1.10	2 400	-1 289	-9 091	830	0.08	0.04	2.66
	75.0%	61.68	27.42	63.88	1.10	2 400	-1 289	-10 992	8	0.10	0.00	2.66
Trave Legno 50a-29	100%	60.44	23.42	63.88	1.10	2 400	-1 289	-12 893	8	0.11	0.00	2.66
	0%	4.44	2.19	56.95	0.90	2 400	-5 756	-113 001	344	0.99	0.02	2.17
	24.8%	4.44	2.19	56.95	0.90	2 400	-5 756	-113 090	344	0.99	0.02	2.17
	50.0%	4.43	2.19	56.95	0.90	2 400	-5 756	-113 205	344	0.99	0.02	2.17
	74.8%	4.42	2.19	56.95	0.90	2 400	-5 756	-113 336	344	0.99	0.02	2.17
100%	4.41	2.19	56.95	0.90	2 400	-5 756	-113 460	344	0.99	0.02	2.17	

LEGENDA:

Id_{Tr} Identificativo della trave. L'eventuale lettera tra parentesi distingue i diversi tratti della travata al livello considerato.

%L_{LI} Posizione della sezione per la quale vengono forniti i valori di verifica, valutata come % della lunghezza libera d'inflessione (L_{LI}), a partire dall'estremo iniziale.

CS_{v,T} Coefficiente di sicurezza per taglio e torsione ([NS] = Non Significativo per valori di CS >= 100; [VNR]= Verifica Non Richiesta).

CS_v Coefficiente di sicurezza per taglio ([NS] = Non Significativo per valori di CS >= 100; [VNR]= Verifica Non Richiesta).

CS_T Coefficiente di sicurezza per torsione ([NS] = Non Significativo per valori di CS >= 100; [VNR]= Verifica Non Richiesta).

k_{mod} Coefficiente di riduzione per Classe di Servizio e di Durata del carico.

A Area della sezione.

V_{Ed,3} Taglio di progetto in direzione 3.

V_{Ed,2} Taglio di progetto in direzione 2.

T_{Ed} Momento torcente di progetto.

τ_{V,Ed} Tensione tangenziale di calcolo per taglio.

τ_{T,Ed} Tensione tangenziale di calcolo per torsione.

f_{vd} Tensione resistente di calcolo a taglio.

TRAVI (LG) - VERIFICHE PER PRESSOFLESSIONE (Elevazione) allo SLD

Travi (LG) - Verifiche per pressoflessione																	
Id _{Tr}	%L _{LI}	CS	k _{mod}	A	N _{Ed}	σ _{c,0d}	M _{Ed,3}	M _{Ed,2}	W _x	W _y	σ _{Md,X}	σ _{Md,Y}	f _{c,0d}	f _{m,X,d}	f _{m,Y,d}	K _{h,X}	K _{h,Y}
	[%]			[cm ²]	[N]	[N/mm ²]	[N-m]	[N-m]	[cm ³]	[cm ³]	[N/mm ²]	[N/mm ²]	[N/mm ²]	[N/mm ²]	[N/mm ²]		
Piano copertura										Piano copertura							
Trave Legno 47a-26	0%	56.24	1.10	2 400	20 257	0.08	-12 476	-2 895	32 000 0	12 000 0	0.39	0.24	30.800 0	30.80	33.01	1.00	1.07
	24.9%	76.61	1.10	2 400	20 257	0.08	-9 753	-1 783	32 000 0	12 000 0	0.30	0.15	30.800 0	30.80	33.01	1.00	1.07
	50.0%	NS	1.10	2 400	9 547	0.04	-7 784	-654	32 000 0	12 000 0	0.24	0.05	30.800 0	30.80	33.01	1.00	1.07
	74.9%	99.33	1.10	2 400	7 417	0.03	-9 141	448	32 000 0	12 000 0	0.29	0.04	30.800 0	30.80	33.01	1.00	1.07
	100%	74.73	1.10	2 400	7 417	0.03	-10 467	1 562	32 000 0	12 000 0	0.33	0.13	30.800 0	30.80	33.01	1.00	1.07
Trave Legno 11a-9	0%	41.53	1.10	2 400	8 262	0.03	6 598	-7 682	32 000 0	12 000 0	0.21	0.64	30.800 0	30.80	33.01	1.00	1.07
	25.0%	57.48	1.10	2 400	10 388	0.04	9 246	-4 289	32 000 0	12 000 0	0.29	0.36	30.800 0	30.80	33.01	1.00	1.07
	50.0%	65.18	1.10	2 400	3 128	0.01	8 856	-3 586	32 000 0	12 000 0	0.28	0.30	30.800 0	30.80	33.01	1.00	1.07
	75.0%	43.64	1.10	2 400	3 128	0.01	11 534	5 832	32 000 0	12 000 0	0.36	0.49	30.800 0	30.80	33.01	1.00	1.07
	100.0 %	32.53	1.10	2 400	3 128	0.01	14 268	8 163	32 000 0	12 000 0	0.45	0.68	30.800 0	30.80	33.01	1.00	1.07
Trave Legno 29a-18	0%	45.55	1.10	2 400	12 792	0.05	-5 521	-7 143	32 000 0	12 000 0	0.17	0.60	30.800 0	30.80	33.01	1.00	1.07
	24.9%	64.83	1.10	2 400	12 792	0.05	3 032	-5 256	32 000 0	12 000 0	0.09	0.44	30.800 0	30.80	33.01	1.00	1.07
	50.0%	91.52	1.10	2 400	12 250	0.05	3 357	-3 383	32 000 0	12 000 0	0.10	0.28	30.800 0	30.80	33.01	1.00	1.07
	74.9%	68.96	1.10	2 400	8 327	0.03	6 436	3 933	32 000 0	12 000 0	0.20	0.33	30.800 0	30.80	33.01	1.00	1.07
	100%	47.28	1.10	2 400	5 152	0.02	8 697	5 932	32 000 0	12 000 0	0.27	0.49	30.800 0	30.80	33.01	1.00	1.07
Trave Legno 18a-13	0%	NS	1.10	2 400	5 624	0.02	-305	-59	32 000 0	12 000 0	0.01	0.00	30.800 0	30.80	33.01	1.00	1.07
	25.0%	NS	1.10	2 400	693	0.00	-5 137	-31	32 000 0	12 000 0	0.16	0.00	30.800 0	30.80	33.01	1.00	1.07
	50.0%	NS	1.10	2 400	693	0.00	-7 082	-8	32 000 0	12 000 0	0.22	0.00	30.800 0	30.80	33.01	1.00	1.07
	75.0%	NS	1.10	2 400	762	0.00	-5 862	18	32 000 0	12 000 0	0.18	0.00	30.800 0	30.80	33.01	1.00	1.07

Travi (LG) - Verifiche per pressoflessione																	
Id _{Tr}	%L _{Lt}	CS	k _{mod}	A	N _{Ed}	σ _{c,0d}	M _{Ed,3}	M _{Ed,2}	W _x	W _y	σ _{Md,X}	σ _{Md,Y}	f _{c,0d}	f _{m,X,d}	f _{m,Y,d}	K _{h,X}	K _{h,Y}
	[%]			[cm²]	[N]	[N/mm²]	[N-m]	[N-m]	[cm³]	[cm³]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]		
Trave Legno 12a-16a	100%	NS	1.10	2 400	762	0.00	-1 466	43	32 000	12 000	0.05	0.00	30.800	30.80	33.01	1.00	1.07
	0%	15.64	1.10	2 400	35 458	0.15	-49 932	-7 499	32 000	12 000	1.56	0.62	30.800	30.80	33.01	1.00	1.07
	25.0%	16.01	1.10	2 400	35 458	0.15	-53 010	-4 899	32 000	12 000	1.66	0.41	30.800	30.80	33.01	1.00	1.07
	50.0%	15.63	1.10	2 400	35 458	0.15	-55 983	4 056	32 000	12 000	1.75	0.34	30.800	30.80	33.01	1.00	1.07
	75.0%	14.08	1.10	2 400	17 388	0.07	-58 682	6 502	32 000	12 000	1.83	0.54	30.800	30.80	33.01	1.00	1.07
Trave Legno 9-16a	100.0 %	12.27	1.10	2 400	17 388	0.07	-63 931	9 398	32 000	12 000	2.00	0.78	30.800	30.80	33.01	1.00	1.07
	0%	NS	1.10	2 400	1 749	0.01	-1 193	-50	32 000	12 000	0.04	0.00	30.800	30.80	33.01	1.00	1.07
	25.0%	NS	1.10	2 400	1 749	0.01	-5 513	-25	32 000	12 000	0.17	0.00	30.800	30.80	33.01	1.00	1.07
	50.0%	NS	1.10	2 400	189	0.00	-6 754	-4	32 000	12 000	0.21	0.00	30.800	30.80	33.01	1.00	1.07
	75.0%	NS	1.10	2 400	189	0.00	-5 097	27	32 000	12 000	0.16	0.00	30.800	30.80	33.01	1.00	1.07
Trave Legno 13a-17a	100%	NS	1.10	2 400	189	0.00	-398	51	32 000	12 000	0.01	0.00	30.800	30.80	33.01	1.00	1.07
	0%	16.39	1.10	2 400	30 430	0.13	-49 143	-6 305	32 000	12 000	1.54	0.53	30.800	30.80	33.01	1.00	1.07
	25.0%	15.95	1.10	2 400	30 430	0.13	-52 418	-5 378	32 000	12 000	1.64	0.45	30.800	30.80	33.01	1.00	1.07
	50.0%	15.53	1.10	2 400	30 260	0.13	-55 492	-4 572	32 000	12 000	1.73	0.38	30.800	30.80	33.01	1.00	1.07
	75.0%	14.41	1.10	2 400	19 731	0.08	-58 726	-5 542	32 000	12 000	1.84	0.46	30.800	30.80	33.01	1.00	1.07
Trave Legno 16a-17a	100.0 %	12.94	1.10	2 400	19 731	0.08	-64 224	-6 869	32 000	12 000	2.01	0.57	30.800	30.80	33.01	1.00	1.07
	0%	NS	1.10	2 400	13 616	0.06	-645	-46	32 000	12 000	0.02	0.00	30.800	30.80	33.01	1.00	1.07
	25.0%	NS	1.10	2 400	13 616	0.06	-5 580	-24	32 000	12 000	0.17	0.00	30.800	30.80	33.01	1.00	1.07
	50.0%	NS	1.10	2 400	13 616	0.06	-7 076	2	32 000	12 000	0.22	0.00	30.800	30.80	33.01	1.00	1.07
	75.0%	NS	1.10	2 400	13 214	0.06	-5 331	26	32 000	12 000	0.17	0.00	30.800	30.80	33.01	1.00	1.07
Trave Legno 14a-18a	100%	NS	1.10	2 400	13 214	0.06	271	48	32 000	12 000	0.01	0.00	30.800	30.80	33.01	1.00	1.07
	0%	16.79	1.10	2 400	33 739	0.14	-49 624	5 206	32 000	12 000	1.55	0.43	30.800	30.80	33.01	1.00	1.07
	25.0%	15.91	1.10	2 400	33 739	0.14	-52 739	-5 284	32 000	12 000	1.65	0.44	30.800	30.80	33.01	1.00	1.07
	50.0%	14.54	1.10	2 400	33 292	0.14	-55 793	-6 878	32 000	12 000	1.74	0.57	30.800	30.80	33.01	1.00	1.07
	75.0%	12.76	1.10	2 400	22 291	0.09	-59 047	-10 437	32 000	12 000	1.85	0.87	30.800	30.80	33.01	1.00	1.07
Trave Legno 17a-18a	100.0 %	11.14	1.10	2 400	14 086	0.06	-64 532	-13 737	32 000	12 000	2.02	1.14	30.800	30.80	33.01	1.00	1.07
	0%	NS	1.10	2 400	16 845	0.07	-235	-59	32 000	12 000	0.01	0.00	30.800	30.80	33.01	1.00	1.07
	25.0%	NS	1.10	2 400	16 845	0.07	-5 383	-27	32 000	12 000	0.17	0.00	30.800	30.80	33.01	1.00	1.07
	50.0%	NS	1.10	2 400	16 845	0.07	-7 093	2	32 000	12 000	0.22	0.00	30.800	30.80	33.01	1.00	1.07
	75.0%	NS	1.10	2 400	12 849	0.05	-5 465	29	32 000	12 000	0.17	0.00	30.800	30.80	33.01	1.00	1.07
Trave Legno 36a-22	100.0 %	NS	1.10	2 400	12 849	0.05	-476	60	32 000	12 000	0.01	0.01	30.800	30.80	33.01	1.00	1.07
	0%	NS	1.10	2 400	3 409	0.01	739	49	32 000	12 000	0.02	0.00	30.800	30.80	33.01	1.00	1.07
	25.0%	NS	1.10	2 400	2 310	0.01	-5 202	18	32 000	12 000	0.16	0.00	30.800	30.80	33.01	1.00	1.07
	50.0%	NS	1.10	2 400	157	0.00	-7 043	6	32 000	12 000	0.22	0.00	30.800	30.80	33.01	1.00	1.07
	75.0%	NS	1.10	2 400	157	0.00	-5 928	-15	32 000	12 000	0.19	0.00	30.800	30.80	33.01	1.00	1.07
Trave Legno 30a-34a	100%	NS	1.10	2 400	157	0.00	-1 631	-37	32 000	12 000	0.05	0.00	30.800	30.80	33.01	1.00	1.07
	0%	14.68	1.10	2 400	50 674	0.21	-59 716	-4 237	32 000	12 000	1.87	0.35	30.800	30.80	33.01	1.00	1.07
	25.0%	17.76	1.10	2 400	50 674	0.21	-49 913	-3 171	32 000	12 000	1.56	0.26	30.800	30.80	33.01	1.00	1.07
	50.0%	20.47	1.10	2 400	17 932	0.07	-44 036	-2 352	32 000	12 000	1.38	0.20	30.800	30.80	33.01	1.00	1.07
	75.0%	19.88	1.10	2 400	17 932	0.07	-44 265	3 051	32 000	12 000	1.38	0.25	30.800	30.80	33.01	1.00	1.07
Trave Legno 18-34a	100%	18.80	1.10	2 400	17 932	0.07	-44 368	4 625	32 000	12 000	1.39	0.39	30.800	30.80	33.01	1.00	1.07
	0%	NS	1.10	2 400	3 968	0.02	-1 512	58	32 000	12 000	0.05	0.00	30.800	30.80	33.01	1.00	1.07
	25.0%	NS	1.10	2 400	3 968	0.02	-5 640	26	32 000	12 000	0.18	0.00	30.800	30.80	33.01	1.00	1.07

Travi (LG) - Verifiche per pressoflessione																	
Id _{Tr}	%L _{Lt}	CS	k _{mod}	A	N _{Ed}	σ _{c,0d}	M _{Ed,3}	M _{Ed,2}	W _x	W _y	σ _{Md,X}	σ _{Md,Y}	f _{c,0d}	f _{m,X,d}	f _{m,Y,d}	K _{h,X}	K _{h,Y}
	[%]			[cm²]	[N]	[N/mm²]	[N-m]	[N-m]	[cm³]	[cm³]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]		
Trave Legno 31a-35a	50.0%	NS	1.10	2 400	2 060	0.01	-6 820	-4	32 000	12 000	0.21	0.00	30.800	30.80	33.01	1.00	1.07
	75.0%	NS	1.10	2 400	2 060	0.01	-5 188	-37	32 000	12 000	0.16	0.00	30.800	30.80	33.01	1.00	1.07
	100%	NS	1.10	2 400	2 060	0.01	979	-69	32 000	12 000	0.03	0.01	30.800	30.80	33.01	1.00	1.07
	0%	14.11	1.10	2 400	36 441	0.15	-63 633	-3 567	32 000	12 000	1.99	0.30	30.800	30.80	33.01	1.00	1.07
	25.0%	16.77	1.10	2 400	36 441	0.15	-53 001	-3 295	32 000	12 000	1.66	0.27	30.800	30.80	33.01	1.00	1.07
Trave Legno 34a-35a	50.0%	18.98	1.10	2 400	35 583	0.15	-46 365	-3 182	32 000	12 000	1.45	0.27	30.800	30.80	33.01	1.00	1.07
	75.0%	18.43	1.10	2 400	35 583	0.15	-46 553	-3 970	32 000	12 000	1.45	0.33	30.800	30.80	33.01	1.00	1.07
	100%	17.95	1.10	2 400	35 583	0.15	-46 613	-4 755	32 000	12 000	1.46	0.40	30.800	30.80	33.01	1.00	1.07
	0%	NS	1.10	2 400	8 266	0.03	-1 212	60	32 000	12 000	0.04	0.01	30.800	30.80	33.01	1.00	1.07
	25.0%	NS	1.10	2 400	8 266	0.03	-6 008	29	32 000	12 000	0.19	0.00	30.800	30.80	33.01	1.00	1.07
Trave Legno 32a-36a	50.0%	NS	1.10	2 400	8 266	0.03	-7 303	0	32 000	12 000	0.23	0.00	30.800	30.80	33.01	1.00	1.07
	75.0%	NS	1.10	2 400	8 069	0.03	-5 608	-32	32 000	12 000	0.18	0.00	30.800	30.80	33.01	1.00	1.07
	100%	NS	1.10	2 400	8 069	0.03	620	-63	32 000	12 000	0.02	0.01	30.800	30.80	33.01	1.00	1.07
	0%	15.70	1.10	2 400	48 625	0.20	-58 438	-2 471	32 000	12 000	1.83	0.21	30.800	30.80	33.01	1.00	1.07
	25.0%	18.41	1.10	2 400	48 625	0.20	-48 100	-3 094	32 000	12 000	1.50	0.26	30.800	30.80	33.01	1.00	1.07
Trave Legno 35a-36a	50.0%	19.86	1.10	2 400	18 028	0.08	-41 881	-4 444	32 000	12 000	1.31	0.37	30.800	30.80	33.01	1.00	1.07
	75.0%	18.60	1.10	2 400	18 028	0.08	-42 167	-6 209	32 000	12 000	1.32	0.52	30.800	30.80	33.01	1.00	1.07
	100%	17.53	1.10	2 400	18 028	0.08	-42 332	-7 974	32 000	12 000	1.32	0.66	30.800	30.80	33.01	1.00	1.07
	0%	NS	1.10	2 400	9 916	0.04	-569	57	32 000	12 000	0.02	0.00	30.800	30.80	33.01	1.00	1.07
	25.0%	NS	1.10	2 400	9 916	0.04	-5 697	29	32 000	12 000	0.18	0.00	30.800	30.80	33.01	1.00	1.07
Trave Legno 4-5	50.0%	NS	1.10	2 400	9 614	0.04	-7 333	4	32 000	12 000	0.23	0.00	30.800	30.80	33.01	1.00	1.07
	75.0%	NS	1.10	2 400	6 952	0.03	-5 842	-24	32 000	12 000	0.18	0.00	30.800	30.80	33.01	1.00	1.07
	100.0 %	NS	1.10	2 400	6 952	0.03	-954	-49	32 000	12 000	0.03	0.00	30.800	30.80	33.01	1.00	1.07
	0%	36.96	1.10	2 400	4 283	0.02	17 107	5 489	32 000	12 000	0.53	0.46	30.800	30.80	33.01	1.00	1.07
	25.0%	66.84	1.10	2 400	4 283	0.02	9 473	3 027	32 000	12 000	0.30	0.25	30.800	30.80	33.01	1.00	1.07
Trave Legno 2-3	50.0%	NS	1.10	2 400	4 283	0.02	-4 174	561	32 000	12 000	0.13	0.05	30.800	30.80	33.01	1.00	1.07
	75.0%	NS	1.10	2 400	813	0.00	-1 672	-1 608	32 000	12 000	0.05	0.13	30.800	30.80	33.01	1.00	1.07
	100%	89.29	1.10	2 400	813	0.00	1 131	-4 118	32 000	12 000	0.04	0.34	30.800	30.80	33.01	1.00	1.07
	0%	34.78	1.10	2 400	13 948	0.06	-21 217	-4 088	32 000	12 000	0.66	0.34	30.800	30.80	33.01	1.00	1.07
	25.0%	55.13	1.10	2 400	13 948	0.06	-13 900	-2 282	32 000	12 000	0.43	0.19	30.800	30.80	33.01	1.00	1.07
Trave Legno 3-4	50.0%	NS	1.10	2 400	13 948	0.06	-4 351	-474	32 000	12 000	0.14	0.04	30.800	30.80	33.01	1.00	1.07
	75.0%	NS	1.10	2 400	12 571	0.05	7 426	1 332	32 000	12 000	0.23	0.11	30.800	30.80	33.01	1.00	1.07
	100%	36.64	1.10	2 400	12 571	0.05	21 433	3 139	32 000	12 000	0.67	0.26	30.800	30.80	33.01	1.00	1.07
	0%	47.82	1.10	2 400	14 573	0.06	16 960	2 093	32 000	12 000	0.53	0.17	30.800	30.80	33.01	1.00	1.07
	25.0%	NS	1.10	2 400	14 573	0.06	-6 921	-1 129	32 000	12 000	0.22	0.09	30.800	30.80	33.01	1.00	1.07
Trave Legno 1-2	50.0%	NS	1.10	2 400	10 144	0.04	-2 752	-455	32 000	12 000	0.09	0.04	30.800	30.80	33.01	1.00	1.07
	75.0%	80.41	1.10	2 400	13 105	0.05	-9 467	-1 600	32 000	12 000	0.30	0.13	30.800	30.80	33.01	1.00	1.07
	100.0 %	45.86	1.10	2 400	13 105	0.05	16 561	-2 830	32 000	12 000	0.52	0.24	30.800	30.80	33.01	1.00	1.07
	0%	68.66	1.10	2 400	6 278	0.03	-2 233	-5 141	32 000	12 000	0.07	0.43	30.800	30.80	33.01	1.00	1.07
	25.0%	NS	1.10	2 400	6 278	0.03	-2 229	-2 444	32 000	12 000	0.07	0.20	30.800	30.80	33.01	1.00	1.07
	50.0%	NS	1.10	2 400	2 499	0.01	-3 486	141	32 000	12 000	0.11	0.01	30.800	30.80	33.01	1.00	1.07
	75.0%	77.62	1.10	2 400	2 406	0.01	8 537	2 389	32 000	12 000	0.27	0.20	30.800	30.80	33.01	1.00	1.07
	100%	39.37	1.10	2 400	2 406	0.01	16 757	4 753	32 000	12 000	0.52	0.40	30.800	30.80	33.01	1.00	1.07

Travi (LG) - Verifiche per pressoflessione																	
Id _{Tr}	%L _{Lt}	CS	k _{mod}	A	N _{Ed}	σ _{c,0d}	M _{Ed,3}	M _{Ed,2}	W _x	W _y	σ _{Md,x}	σ _{Md,y}	f _{c,0d}	f _{m,x,d}	f _{m,y,d}	K _{h,x}	K _{h,y}
	[%]			[cm²]	[N]	[N/mm²]	[N-m]	[N-m]	[cm³]	[cm³]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]		
Trave Legno 51a-30	0%	59.39	1.10	2 400	3 367	0.01	-7 185	4 648	32 000	12 000	0.22	0.39	30.800	30.80	33.01	1.00	1.07
	25.0%	83.51	1.10	2 400	3 367	0.01	-5 350	3 238	32 000	12 000	0.17	0.27	30.800	30.80	33.01	1.00	1.07
	50.0%	NS	1.10	2 400	3 160	0.01	-3 486	1 900	32 000	12 000	0.11	0.16	30.800	30.80	33.01	1.00	1.07
	75.0%	NS	1.10	2 400	180	0.00	-2 096	1 258	32 000	12 000	0.07	0.10	30.800	30.80	33.01	1.00	1.07
	100%	NS	1.10	2 400	180	0.00	1 875	1 629	32 000	12 000	0.06	0.14	30.800	30.80	33.01	1.00	1.07
Trave Legno 33a-22	0%	79.48	1.10	2 400	458	0.00	-4 372	-3 754	32 000	12 000	0.14	0.31	30.800	30.80	33.01	1.00	1.07
	25.0%	83.99	1.10	2 400	458	0.00	2 436	-4 031	32 000	12 000	0.08	0.34	30.800	30.80	33.01	1.00	1.07
	50.0%	72.13	1.10	2 400	170	0.00	3 540	-4 496	32 000	12 000	0.11	0.37	30.800	30.80	33.01	1.00	1.07
	75.0%	52.55	1.10	2 400	170	0.00	4 907	-6 157	32 000	12 000	0.15	0.51	30.800	30.80	33.01	1.00	1.07
	100%	41.22	1.10	2 400	170	0.00	6 355	-7 821	32 000	12 000	0.20	0.65	30.800	30.80	33.01	1.00	1.07
Trave Legno 15a-13	0%	43.14	1.10	2 400	6 094	0.03	4 064	-8 038	32 000	12 000	0.13	0.67	30.800	30.80	33.01	1.00	1.07
	25.0%	43.16	1.10	2 400	6 094	0.03	5 388	-7 662	32 000	12 000	0.17	0.64	30.800	30.80	33.01	1.00	1.07
	50.0%	43.09	1.10	2 400	6 094	0.03	6 781	-7 285	32 000	12 000	0.21	0.61	30.800	30.80	33.01	1.00	1.07
	75.0%	39.72	1.10	2 400	2 963	0.01	11 061	-6 860	32 000	12 000	0.35	0.57	30.800	30.80	33.01	1.00	1.07
	100.0 %	33.52	1.10	2 400	2 697	0.01	15 423	-7 479	32 000	12 000	0.48	0.62	30.800	30.80	33.01	1.00	1.07
Trave Legno 29-30	0%	38.96	1.10	2 400	8 295	0.03	16 783	-4 887	32 000	12 000	0.52	0.41	30.800	30.80	33.01	1.00	1.07
	25.0%	71.86	1.10	2 400	8 295	0.03	8 980	-2 718	32 000	12 000	0.28	0.23	30.800	30.80	33.01	1.00	1.07
	50.0%	NS	1.10	2 400	8 295	0.03	-4 331	626	32 000	12 000	0.14	0.05	30.800	30.80	33.01	1.00	1.07
	75.0%	NS	1.10	2 400	3 892	0.02	-2 846	1 619	32 000	12 000	0.09	0.13	30.800	30.80	33.01	1.00	1.07
	100%	89.25	1.10	2 400	5 843	0.02	-1 493	4 018	32 000	12 000	0.05	0.33	30.800	30.80	33.01	1.00	1.07
Trave Legno 28-29	0%	55.26	1.10	2 400	4 084	0.02	13 746	-2 348	32 000	12 000	0.43	0.20	30.800	30.80	33.01	1.00	1.07
	25.0%	NS	1.10	2 400	4 084	0.02	-5 811	-1 182	32 000	12 000	0.18	0.10	30.800	30.80	33.01	1.00	1.07
	50.0%	NS	1.10	2 400	162	0.00	-1 993	-134	32 000	12 000	0.06	0.01	30.800	30.80	33.01	1.00	1.07
	75.0%	91.34	1.10	2 400	162	0.00	8 788	1 150	32 000	12 000	0.27	0.10	30.800	30.80	33.01	1.00	1.07
	100.0 %	42.13	1.10	2 400	162	0.00	19 363	2 316	32 000	12 000	0.61	0.19	30.800	30.80	33.01	1.00	1.07
Trave Legno 26-27	0%	62.03	1.10	2 400	10 861	0.05	-3 485	5 405	32 000	12 000	0.11	0.45	30.800	30.80	33.01	1.00	1.07
	25.0%	NS	1.10	2 400	10 861	0.05	-3 844	2 610	32 000	12 000	0.12	0.22	30.800	30.80	33.01	1.00	1.07
	50.0%	NS	1.10	2 400	6 606	0.03	-3 396	267	32 000	12 000	0.11	0.02	30.800	30.80	33.01	1.00	1.07
	75.0%	98.04	1.10	2 400	6 606	0.03	3 225	-3 133	32 000	12 000	0.10	0.26	30.800	30.80	33.01	1.00	1.07
	100%	45.48	1.10	2 400	6 606	0.03	9 420	-6 059	32 000	12 000	0.29	0.50	30.800	30.80	33.01	1.00	1.07
Trave Legno 4a-5a	0%	NS	1.10	384	2 384	0.06	437	0	1 536	1 024	0.28	0.00	26.400	28.93	29.04	1.10	1.10
	25.0%	14.67	1.10	384	2 384	0.06	-3 030	0	1 536	1 024	1.97	0.00	26.400	28.93	29.04	1.10	1.10
	50.0%	11.32	1.10	384	1 771	0.05	-3 926	0	1 536	1 024	2.56	0.00	26.400	28.93	29.04	1.10	1.10
	75.0%	14.77	1.10	384	812	0.02	-3 008	0	1 536	1 024	1.96	0.00	26.400	28.93	29.04	1.10	1.10
	100%	NS	1.10	384	812	0.02	363	0	1 536	1 024	0.24	0.00	26.400	28.93	29.04	1.10	1.10
Trave Legno 9a-10a	0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	25.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	50.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	100%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Trave Legno 14a-15a	0%	50.60	1.10	384	2 392	0.06	878	0	1 536	1 024	0.57	0.00	26.400	28.93	29.04	1.10	1.10
	25.0%	16.51	1.10	384	2 392	0.06	-2 691	0	1 536	1 024	1.75	0.00	26.400	28.93	29.04	1.10	1.10
	50.0%	13.36	1.10	384	2 392	0.06	-3 326	0	1 536	1 024	2.17	0.00	26.400	28.93	29.04	1.10	1.10
	75.0%	16.51	1.10	384	1 020	0.03	-2 692	0	1 536	1 024	1.75	0.00	26.400	28.93	29.04	1.10	1.10
	100%	50.73	1.10	384	1 020	0.03	876	0	1 536	1 024	0.57	0.00	26.400	28.93	29.04	1.10	1.10

Travi (LG) - Verifiche per pressoflessione																	
Id _{Tr}	%L _{Lt}	CS	k _{mod}	A	N _{Ed}	σ _{c,0d}	M _{Ed,3}	M _{Ed,2}	W _x	W _y	σ _{Md,X}	σ _{Md,Y}	f _{c,0d}	f _{m,X,d}	f _{m,Y,d}	K _{h,X}	K _{h,Y}
	[%]			[cm ²]	[N]	[N/mm ²]	[N-m]	[N-m]	[cm ³]	[cm ³]	[N/mm ²]	[N/mm ²]	[N/mm ²]	[N/mm ²]	[N/mm ²]		
Trave Legno 3-3a	0%	16.81	1.10	2 400	27 095	0.11	52 653	3 433	32 000	12 000	1.65	0.29	30.800	30.80	33.01	1.00	1.07
	25.0%	21.25	1.10	2 400	27 095	0.11	42 277	2 350	32 000	12 000	1.32	0.20	30.800	30.80	33.01	1.00	1.07
	50.0%	28.52	1.10	2 400	19 233	0.08	31 301	1 865	32 000	12 000	0.98	0.16	30.800	30.80	33.01	1.00	1.07
	75.1%	28.62	1.10	2 400	26 305	0.11	32 730	976	32 000	12 000	1.02	0.08	30.800	30.80	33.01	1.00	1.07
	100%	25.84	1.10	2 400	26 305	0.11	35 018	1 787	32 000	12 000	1.09	0.15	30.800	30.80	33.01	1.00	1.07
Trave Legno 2a-3a	0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	25.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	50.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	100%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Trave Legno 4-4a	0%	17.84	1.10	2 400	25 190	0.10	50 416	2 769	32 000	12 000	1.58	0.23	30.800	30.80	33.01	1.00	1.07
	25.0%	21.99	1.10	2 400	25 190	0.10	40 042	2 740	32 000	12 000	1.25	0.23	30.800	30.80	33.01	1.00	1.07
	50.0%	28.17	1.10	2 400	18 218	0.08	29 140	3 355	32 000	12 000	0.91	0.28	30.800	30.80	33.01	1.00	1.07
	75.1%	26.54	1.10	2 400	23 785	0.10	30 376	3 873	32 000	12 000	0.95	0.32	30.800	30.80	33.01	1.00	1.07
	100%	22.99	1.10	2 400	23 785	0.10	32 590	5 902	32 000	12 000	1.02	0.49	30.800	30.80	33.01	1.00	1.07
Trave Legno 3a-4a	0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	25.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	50.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	100.0 %	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Trave Legno 5-5a	0%	76.07	1.10	2 400	21 226	0.09	-10 580	1 360	32 000	12 000	0.33	0.11	30.800	30.80	33.01	1.00	1.07
	25.0%	86.21	1.10	2 400	21 226	0.09	-9 986	826	32 000	12 000	0.31	0.07	30.800	30.80	33.01	1.00	1.07
	50.0%	83.26	1.10	2 400	21 226	0.09	-9 313	1 445	32 000	12 000	0.29	0.12	30.800	30.80	33.01	1.00	1.07
	75.0%	63.77	1.10	2 400	18 277	0.08	-11 399	2 325	32 000	12 000	0.36	0.19	30.800	30.80	33.01	1.00	1.07
	100%	50.70	1.10	2 400	18 277	0.08	-13 480	3 418	32 000	12 000	0.42	0.28	30.800	30.80	33.01	1.00	1.07
Trave Legno 1-1a	0%	NS	1.10	2 400	9 353	0.04	-5 607	1 167	32 000	12 000	0.18	0.10	30.800	30.80	33.01	1.00	1.07
	25.0%	NS	1.10	2 400	8 391	0.03	-5 220	463	32 000	12 000	0.16	0.04	30.800	30.80	33.01	1.00	1.07
	50.0%	NS	1.10	2 400	5 420	0.02	-4 538	1 724	32 000	12 000	0.14	0.14	30.800	30.80	33.01	1.00	1.07
	75.0%	83.73	1.10	2 400	4 770	0.02	-5 828	3 091	32 000	12 000	0.18	0.26	30.800	30.80	33.01	1.00	1.07
	100%	61.43	1.10	2 400	4 770	0.02	-7 046	4 466	32 000	12 000	0.22	0.37	30.800	30.80	33.01	1.00	1.07
Trave Legno 1a-2a	0%	42.31	1.10	384	8 704	0.23	-1 047	0	1 536	1 024	0.68	0.00	26.400	28.93	29.04	1.10	1.10
	25.0%	12.51	1.10	384	8 704	0.23	-3 548	0	1 536	1 024	2.31	0.00	26.400	28.93	29.04	1.10	1.10
	50.0%	10.47	1.10	384	5 961	0.16	-4 245	0	1 536	1 024	2.76	0.00	26.400	28.93	29.04	1.10	1.10
	75.0%	12.52	1.10	384	4 777	0.12	-3 548	0	1 536	1 024	2.31	0.00	26.400	28.93	29.04	1.10	1.10
	100%	42.29	1.10	384	4 777	0.12	-1 050	0	1 536	1 024	0.68	0.00	26.400	28.93	29.04	1.10	1.10
Trave Legno 2-2a	0%	16.44	1.10	2 400	25 280	0.11	52 499	4 267	32 000	12 000	1.64	0.36	30.800	30.80	33.01	1.00	1.07
	25.0%	21.57	1.10	2 400	25 280	0.11	42 411	1 873	32 000	12 000	1.33	0.16	30.800	30.80	33.01	1.00	1.07
	50.0%	27.48	1.10	2 400	19 177	0.08	31 531	-2 485	32 000	12 000	0.99	0.21	30.800	30.80	33.01	1.00	1.07
	75.1%	25.92	1.10	2 400	24 350	0.10	32 307	-3 274	32 000	12 000	1.01	0.27	30.800	30.80	33.01	1.00	1.07
	100%	22.50	1.10	2 400	24 666	0.10	34 542	-5 308	32 000	12 000	1.08	0.44	30.800	30.80	33.01	1.00	1.07
Trave Legno 3a-8a	0%	25.48	1.10	2 400	28 153	0.12	35 557	1 787	32 000	12 000	1.11	0.15	30.800	30.80	33.01	1.00	1.07
	25.0%	40.20	1.10	2 400	28 153	0.12	20 873	2 083	32 000	12 000	0.65	0.17	30.800	30.80	33.01	1.00	1.07
	50.0%	87.55	1.10	2 400	28 040	0.12	6 202	-2 774	32 000	12 000	0.19	0.23	30.800	30.80	33.01	1.00	1.07
	75.0%	57.87	1.10	2 400	27 352	0.11	-9 688	-4 114	32 000	12 000	0.30	0.34	30.800	30.80	33.01	1.00	1.07
	100.0 %	29.61	1.10	2 400	27 352	0.11	-23 896	-5 386	32 000	12 000	0.75	0.45	30.800	30.80	33.01	1.00	1.07
Trave Legno 7a-8a	0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	25.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00

Travi (LG) - Verifiche per pressoflessione																	
Id _{Tr}	%L _{Lt}	CS	k _{mod}	A	N _{Ed}	σ _{c,0d}	M _{Ed,3}	M _{Ed,2}	W _x	W _y	σ _{Md,x}	σ _{Md,y}	f _{c,0d}	f _{m,x,d}	f _{m,y,d}	K _{h,x}	K _{h,y}
	[%]			[cm²]	[N]	[N/mm²]	[N-m]	[N-m]	[cm³]	[cm³]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]		
Trave Legno 4a-9a	50.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	100%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	0%	22.23	1.10	2 400	27 038	0.11	34 045	5 902	32 000	12 000	1.06	0.49	30.800	30.80	33.01	1.00	1.07
	25.0%	32.56	1.10	2 400	27 038	0.11	19 361	6 258	32 000	12 000	0.61	0.52	30.800	30.80	33.01	1.00	1.07
Trave Legno 8a-9a	50.0%	48.15	1.10	2 400	26 588	0.11	4 690	6 902	32 000	12 000	0.15	0.58	30.800	30.80	33.01	1.00	1.07
	75.0%	36.73	1.10	2 400	23 872	0.10	-10 377	7 860	32 000	12 000	0.32	0.66	30.800	30.80	33.01	1.00	1.07
	100.0 %	25.06	1.10	2 400	23 872	0.10	-24 136	8 714	32 000	12 000	0.75	0.73	30.800	30.80	33.01	1.00	1.07
	0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	25.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Trave Legno 5a-10a	50.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	100.0 %	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	0%	55.02	1.10	2 400	17 204	0.07	-11 954	3 418	32 000	12 000	0.37	0.28	30.800	30.80	33.01	1.00	1.07
	25.0%	57.65	1.10	2 400	16 942	0.07	-10 119	4 003	32 000	12 000	0.32	0.33	30.800	30.80	33.01	1.00	1.07
Trave Legno 1a-6a	50.0%	52.90	1.10	2 400	11 498	0.05	-7 736	5 311	32 000	12 000	0.24	0.44	30.800	30.80	33.01	1.00	1.07
	75.0%	44.23	1.10	2 400	11 498	0.05	-7 966	6 714	32 000	12 000	0.25	0.56	30.800	30.80	33.01	1.00	1.07
	100.0 %	38.12	1.10	2 400	11 498	0.05	-8 093	8 113	32 000	12 000	0.25	0.68	30.800	30.80	33.01	1.00	1.07
	0%	65.52	1.10	2 400	4 952	0.02	-5 615	4 466	32 000	12 000	0.18	0.37	30.800	30.80	33.01	1.00	1.07
	25.0%	77.44	1.10	2 400	4 952	0.02	-5 019	3 703	32 000	12 000	0.16	0.31	30.800	30.80	33.01	1.00	1.07
Trave Legno 6a-7a	50.0%	80.03	1.10	2 400	4 952	0.02	-4 318	-3 735	32 000	12 000	0.13	0.31	30.800	30.80	33.01	1.00	1.07
	75.0%	67.83	1.10	2 400	1 855	0.01	-5 564	-4 275	32 000	12 000	0.17	0.36	30.800	30.80	33.01	1.00	1.07
	100.0 %	54.81	1.10	2 400	899	0.00	-6 785	-5 318	32 000	12 000	0.21	0.44	30.800	30.80	33.01	1.00	1.07
	0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	25.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Trave Legno 2a-7a	50.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	100%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	0%	21.78	1.10	2 400	28 607	0.12	36 003	-5 308	32 000	12 000	1.13	0.44	30.800	30.80	33.01	1.00	1.07
	25.0%	30.80	1.10	2 400	28 607	0.12	21 406	-6 075	32 000	12 000	0.67	0.51	30.800	30.80	33.01	1.00	1.07
Trave Legno 6a-11a	50.0%	42.23	1.10	2 400	28 255	0.12	6 784	-7 466	32 000	12 000	0.21	0.62	30.800	30.80	33.01	1.00	1.07
	75.0%	33.32	1.10	2 400	17 221	0.07	-9 252	-9 283	32 000	12 000	0.29	0.77	30.800	30.80	33.01	1.00	1.07
	100.0 %	23.60	1.10	2 400	23 403	0.10	-24 583	-9 859	32 000	12 000	0.77	0.82	30.800	30.80	33.01	1.00	1.07
	0%	51.58	1.10	2 400	5 112	0.02	-8 398	-5 317	32 000	12 000	0.26	0.44	30.800	30.80	33.01	1.00	1.07
	25.0%	58.10	1.10	2 400	4 164	0.02	-5 341	-5 315	32 000	12 000	0.17	0.44	30.800	30.80	33.01	1.00	1.07
Trave Legno 11a-12a	50.0%	59.71	1.10	2 400	1 268	0.01	-2 166	-6 025	32 000	12 000	0.07	0.50	30.800	30.80	33.01	1.00	1.07
	75.0%	52.01	1.10	2 400	1 268	0.01	2 711	-6 854	32 000	12 000	0.08	0.57	30.800	30.80	33.01	1.00	1.07
	100.0 %	43.64	1.10	2 400	1 268	0.01	4 957	-7 682	32 000	12 000	0.15	0.64	30.800	30.80	33.01	1.00	1.07
	0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	25.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Trave Legno 7a-12a	50.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	100%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	0%	22.80	1.10	2 400	32 020	0.13	-26 038	-9 861	32 000	12 000	0.81	0.82	30.800	30.80	33.01	1.00	1.07
	25.0%	21.94	1.10	2 400	32 020	0.13	-29 644	-8 767	32 000	12 000	0.93	0.73	30.800	30.80	33.01	1.00	1.07
Trave Legno 8a-13a	50.0%	21.05	1.10	2 400	31 626	0.13	-33 000	-7 926	32 000	12 000	1.03	0.66	30.800	30.80	33.01	1.00	1.07
	75.0%	18.76	1.10	2 400	15 839	0.07	-38 075	-8 307	32 000	12 000	1.19	0.69	30.800	30.80	33.01	1.00	1.07
	100.0 %	16.00	1.10	2 400	22 226	0.09	-48 513	-7 500	32 000	12 000	1.52	0.63	30.800	30.80	33.01	1.00	1.07
	0%	29.13	1.10	2 400	29 290	0.12	-24 440	-5 386	32 000	12 000	0.76	0.45	30.800	30.80	33.01	1.00	1.07
	25.0%	26.57	1.10	2 400	29 290	0.12	-28 192	-5 099	32 000	12 000	0.88	0.42	30.800	30.80	33.01	1.00	1.07

Travi (LG) - Verifiche per pressoflessione																	
Id _{Tr}	%L _{Lt}	CS	k _{mod}	A	N _{Ed}	σ _{c,0d}	M _{Ed,3}	M _{Ed,2}	W _x	W _y	σ _{Md,X}	σ _{Md,Y}	f _{c,0d}	f _{m,X,d}	f _{m,Y,d}	K _{h,X}	K _{h,Y}
	[%]			[cm²]	[N]	[N/mm²]	[N-m]	[N-m]	[cm³]	[cm³]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]		
Trave Legno 12a-13a	50.0%	24.21	1.10	2 400	29 150	0.12	-31 733	-5 146	32 000	12 000	0.99	0.43	30.800	30.80	33.01	1.00	1.07
	75.0%	20.38	1.10	2 400	19 349	0.08	-37 325	-6 338	32 000	12 000	1.17	0.53	30.800	30.80	33.01	1.00	1.07
	100.0 %	16.53	1.10	2 400	28 480	0.12	-48 633	-6 304	32 000	12 000	1.52	0.53	30.800	30.80	33.01	1.00	1.07
	0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	25.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	50.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Trave Legno 9a-14a	100%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	0%	24.17	1.10	2 400	30 379	0.13	-25 577	8 715	32 000	12 000	0.80	0.73	30.800	30.80	33.01	1.00	1.07
	25.0%	23.42	1.10	2 400	30 379	0.13	-29 147	7 417	32 000	12 000	0.91	0.62	30.800	30.80	33.01	1.00	1.07
	50.0%	22.66	1.10	2 400	29 931	0.12	-32 519	6 296	32 000	12 000	1.02	0.52	30.800	30.80	33.01	1.00	1.07
	75.0%	20.37	1.10	2 400	22 643	0.09	-38 396	5 734	32 000	12 000	1.20	0.48	30.800	30.80	33.01	1.00	1.07
	100.0 %	17.09	1.10	2 400	22 643	0.09	-48 595	5 207	32 000	12 000	1.52	0.43	30.800	30.80	33.01	1.00	1.07
	0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Trave Legno 13a-14a	25.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	50.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	100.0 %	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	0%	39.71	1.10	2 400	9 800	0.04	-6 620	8 113	32 000	12 000	0.21	0.68	30.800	30.80	33.01	1.00	1.07
	25.0%	55.59	1.10	2 400	13 268	0.06	-5 715	5 517	32 000	12 000	0.18	0.46	30.800	30.80	33.01	1.00	1.07
	50.0%	76.94	1.10	2 400	13 003	0.05	-2 520	4 438	32 000	12 000	0.08	0.37	30.800	30.80	33.01	1.00	1.07
Trave Legno 32a-33a	75.0%	64.76	1.10	2 400	7 396	0.03	-1 511	-5 691	32 000	12 000	0.05	0.47	30.800	30.80	33.01	1.00	1.07
	100.0 %	45.42	1.10	2 400	7 396	0.03	2 425	-8 039	32 000	12 000	0.08	0.67	30.800	30.80	33.01	1.00	1.07
	0%	48.25	1.10	384	4 071	0.11	1 074	0	1 536	1 024	0.70	0.00	30.800	33.76	33.88	1.10	1.10
	25.0%	17.70	1.10	384	4 071	0.11	-2 928	0	1 536	1 024	1.91	0.00	30.800	33.76	33.88	1.10	1.10
	50.0%	14.75	1.10	384	29	0.00	-3 516	0	1 536	1 024	2.29	0.00	30.800	33.76	33.88	1.10	1.10
	75.0%	17.70	1.10	384	3 038	0.08	-2 929	0	1 536	1 024	1.91	0.00	30.800	33.76	33.88	1.10	1.10
	100%	48.40	1.10	384	3 038	0.08	1 071	0	1 536	1 024	0.70	0.00	30.800	33.76	33.88	1.10	1.10
Trave Legno 24a-29a	0%	43.10	1.10	2 400	9 096	0.04	-6 880	-7 255	32 000	12 000	0.22	0.60	30.800	30.80	33.01	1.00	1.07
	25.0%	57.18	1.10	2 400	9 096	0.04	-5 243	-5 452	32 000	12 000	0.16	0.45	30.800	30.80	33.01	1.00	1.07
	50.0%	83.59	1.10	2 400	5 280	0.02	-3 869	-3 650	32 000	12 000	0.12	0.30	30.800	30.80	33.01	1.00	1.07
	75.0%	63.95	1.10	2 400	1 304	0.01	-3 848	-5 112	32 000	12 000	0.12	0.43	30.800	30.80	33.01	1.00	1.07
	100%	48.12	1.10	2 400	1 304	0.01	-3 874	-7 143	32 000	12 000	0.12	0.60	30.800	30.80	33.01	1.00	1.07
	0%	86.26	1.10	384	1 049	0.03	601	0	1 536	1 024	0.39	0.00	30.800	33.76	33.88	1.10	1.10
	25.0%	18.72	1.10	384	1 049	0.03	-2 769	0	1 536	1 024	1.80	0.00	30.800	33.76	33.88	1.10	1.10
Trave Legno 27a-28a	50.0%	14.68	1.10	384	1 049	0.03	-3 531	0	1 536	1 024	2.30	0.00	30.800	33.76	33.88	1.10	1.10
	75.0%	18.73	1.10	384	999	0.03	-2 768	0	1 536	1 024	1.80	0.00	30.800	33.76	33.88	1.10	1.10
	100%	86.55	1.10	384	999	0.03	599	0	1 536	1 024	0.39	0.00	30.800	33.76	33.88	1.10	1.10
	0%	46.80	1.10	2 400	5 434	0.02	-3 463	-7 489	32 000	12 000	0.11	0.62	30.800	30.80	33.01	1.00	1.07
	25.0%	62.20	1.10	2 400	5 434	0.02	-3 487	-5 387	32 000	12 000	0.11	0.45	30.800	30.80	33.01	1.00	1.07
	50.0%	83.63	1.10	2 400	4 476	0.02	-3 724	-3 689	32 000	12 000	0.12	0.31	30.800	30.80	33.01	1.00	1.07
	75.0%	57.41	1.10	2 400	5 415	0.02	-5 105	-5 464	32 000	12 000	0.16	0.46	30.800	30.80	33.01	1.00	1.07
Trave Legno 19a-24a	100.0 %	43.60	1.10	2 400	5 415	0.02	-6 506	-7 255	32 000	12 000	0.20	0.60	30.800	30.80	33.01	1.00	1.07
	0%	59.08	1.10	384	3 906	0.10	877	0	1 536	1 024	0.57	0.00	30.800	33.76	33.88	1.10	1.10
	25.0%	16.94	1.10	384	3 906	0.10	-3 060	0	1 536	1 024	1.99	0.00	30.800	33.76	33.88	1.10	1.10
	50.0%	13.93	1.10	384	388	0.01	-3 723	0	1 536	1 024	2.42	0.00	30.800	33.76	33.88	1.10	1.10
	75.0%	16.95	1.10	384	3 170	0.08	-3 058	0	1 536	1 024	1.99	0.00	30.800	33.76	33.88	1.10	1.10

Travi (LG) - Verifiche per pressoflessione																	
Id _{Tr}	%L _{Lt}	CS	k _{mod}	A	N _{Ed}	σ _{c,0d}	M _{Ed,3}	M _{Ed,2}	W _x	W _y	σ _{Md,X}	σ _{Md,Y}	f _{c,0d}	f _{m,X,d}	f _{m,Y,d}	K _{h,X}	K _{h,Y}
	[%]			[cm²]	[N]	[N/mm²]	[N-m]	[N-m]	[cm³]	[cm³]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]		
Trave Legno 9-19a	100%	59.03	1.10	384	3 170	0.08	878	0	1 536	1 024	0.57	0.00	30.80	33.76	33.88	1.10	1.10
	0%	45.23	1.10	2 400	9 553	0.04	7 578	6 625	32 000	12 000	0.24	0.55	30.80	30.80	33.01	1.00	1.07
	25.0%	71.87	1.10	2 400	9 553	0.04	5 176	4 055	32 000	12 000	0.16	0.34	30.80	30.80	33.01	1.00	1.07
	50.0%	88.96	1.10	2 400	7 666	0.03	3 158	-3 564	32 000	12 000	0.10	0.30	30.80	30.80	33.01	1.00	1.07
	75.0%	63.24	1.10	2 400	1 771	0.01	-2 592	-5 535	32 000	12 000	0.08	0.46	30.80	30.80	33.01	1.00	1.07
Trave Legno 19a-20a	100.0 %	44.59	1.10	2 400	1 771	0.01	-4 958	-7 488	32 000	12 000	0.15	0.62	30.80	30.80	33.01	1.00	1.07
	0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	25.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	50.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Trave Legno 17a-21a	100%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	0%	13.06	1.10	2 400	21 076	0.09	-63 604	-6 791	32 000	12 000	1.99	0.57	30.80	30.80	33.01	1.00	1.07
	25.0%	13.42	1.10	2 400	21 076	0.09	-64 889	-4 921	32 000	12 000	2.03	0.41	30.80	30.80	33.01	1.00	1.07
	50.0%	13.72	1.10	2 400	32 537	0.14	-66 056	-3 308	32 000	12 000	2.06	0.28	30.80	30.80	33.01	1.00	1.07
	75.0%	12.99	1.10	2 400	20 452	0.09	-68 211	-4 386	32 000	12 000	2.13	0.37	30.80	30.80	33.01	1.00	1.07
Trave Legno 20a-21a	100.0 %	12.26	1.10	2 400	20 452	0.09	-70 198	-5 855	32 000	12 000	2.19	0.49	30.80	30.80	33.01	1.00	1.07
	0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	25.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	50.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Trave Legno 18a-22a	100%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	0%	11.71	1.10	2 400	26 342	0.11	-60 430	-13 636	32 000	12 000	1.89	1.14	30.80	30.80	33.01	1.00	1.07
	25.0%	12.54	1.10	2 400	26 342	0.11	-61 404	-9 876	32 000	12 000	1.92	0.82	30.80	30.80	33.01	1.00	1.07
	50.0%	13.52	1.10	2 400	26 342	0.11	-62 235	-6 113	32 000	12 000	1.94	0.51	30.80	30.80	33.01	1.00	1.07
	75.0%	13.79	1.10	2 400	15 437	0.06	-64 159	-4 183	32 000	12 000	2.00	0.35	30.80	30.80	33.01	1.00	1.07
Trave Legno 21a-22a	100.0 %	13.42	1.10	2 400	15 437	0.06	-66 350	-4 079	32 000	12 000	2.07	0.34	30.80	30.80	33.01	1.00	1.07
	0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	25.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	50.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Trave Legno 24a-25a	100.0 %	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	25.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	50.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Trave Legno 21a-26a	100%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	0%	12.28	1.10	2 400	21 534	0.09	-70 033	-5 855	32 000	12 000	2.19	0.49	30.80	30.80	33.01	1.00	1.07
	25.0%	13.04	1.10	2 400	21 534	0.09	-68 666	-3 957	32 000	12 000	2.15	0.33	30.80	30.80	33.01	1.00	1.07
	50.0%	13.42	1.10	2 400	33 015	0.14	-69 830	-2 077	32 000	12 000	2.18	0.17	30.80	30.80	33.01	1.00	1.07
	75.0%	13.13	1.10	2 400	33 015	0.14	-71 147	-2 234	32 000	12 000	2.22	0.19	30.80	30.80	33.01	1.00	1.07
Trave Legno 25a-26a	100.0 %	12.88	1.10	2 400	33 015	0.14	-72 350	-2 390	32 000	12 000	2.26	0.20	30.80	30.80	33.01	1.00	1.07
	0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	25.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	50.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Trave Legno 22a-27a	100%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	0%	13.46	1.10	2 400	28 678	0.12	-66 082	-4 080	32 000	12 000	2.07	0.34	30.80	30.80	33.01	1.00	1.07
	25.0%	14.41	1.10	2 400	28 678	0.12	-64 399	2 299	32 000	12 000	2.01	0.19	30.80	30.80	33.01	1.00	1.07
	50.0%	14.59	1.10	2 400	20 117	0.08	-65 594	1 110	32 000	12 000	2.05	0.09	30.80	30.80	33.01	1.00	1.07
	75.0%	14.19	1.10	2 400	20 117	0.08	-66 900	1 464	32 000	12 000	2.09	0.12	30.80	30.80	33.01	1.00	1.07
Trave Legno 26a-27a	100.0 %	13.83	1.10	2 400	20 117	0.08	-68 092	1 821	32 000	12 000	2.13	0.15	30.80	30.80	33.01	1.00	1.07
	0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00

Travi (LG) - Verifiche per pressoflessione																	
Id _{Tr}	%L _{Lt}	CS	k _{mod}	A	N _{Ed}	σ _{c,0d}	M _{Ed,3}	M _{Ed,2}	W _x	W _y	σ _{Md,x}	σ _{Md,y}	f _{c,0d}	f _{m,x,d}	f _{m,y,d}	K _{h,x}	K _{h,y}
	[%]			[cm²]	[N]	[N/mm²]	[N-m]	[N-m]	[cm³]	[cm³]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]		
Trave Legno 29a-30a	25.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	50.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	100.0 %	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Trave Legno 26a-31a	25.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	50.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	100%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	0%	12.93	1.10	2 400	21 983	0.09	-68 310	-4 524	32 000	12 000	2.13	0.38	30.800	30.80	33.01	1.00	1.07
Trave Legno 30a-31a	25.0%	14.21	1.10	2 400	21 983	0.09	-64 133	-3 001	32 000	12 000	2.00	0.25	30.800	30.80	33.01	1.00	1.07
	50.0%	14.95	1.10	2 400	34 297	0.14	-62 663	-1 850	32 000	12 000	1.96	0.15	30.800	30.80	33.01	1.00	1.07
	75.0%	14.45	1.10	2 400	34 297	0.14	-63 482	-2 709	32 000	12 000	1.98	0.23	30.800	30.80	33.01	1.00	1.07
	100.0 %	14.00	1.10	2 400	34 297	0.14	-64 184	-3 566	32 000	12 000	2.01	0.30	30.800	30.80	33.01	1.00	1.07
	0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Trave Legno 27a-32a	25.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	50.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	100%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	0%	14.01	1.10	2 400	31 006	0.13	-63 547	3 893	32 000	12 000	1.99	0.32	30.800	30.80	33.01	1.00	1.07
Trave Legno 31a-32a	25.0%	15.57	1.10	2 400	31 006	0.13	-59 519	2 154	32 000	12 000	1.86	0.18	30.800	30.80	33.01	1.00	1.07
	50.0%	16.64	1.10	2 400	18 613	0.08	-58 262	555	32 000	12 000	1.82	0.05	30.800	30.80	33.01	1.00	1.07
	75.0%	16.00	1.10	2 400	19 071	0.08	-59 157	-1 401	32 000	12 000	1.85	0.12	30.800	30.80	33.01	1.00	1.07
	100.0 %	15.35	1.10	2 400	19 071	0.08	-59 891	-2 473	32 000	12 000	1.87	0.21	30.800	30.80	33.01	1.00	1.07
	0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Trave Legno 16a-20a	25.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	50.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	100.0 %	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	0%	12.85	1.10	2 400	28 943	0.12	-60 368	9 362	32 000	12 000	1.89	0.78	30.800	30.80	33.01	1.00	1.07
Trave Legno 20a-25a	25.0%	13.72	1.10	2 400	39 858	0.17	-62 574	5 297	32 000	12 000	1.96	0.44	30.800	30.80	33.01	1.00	1.07
	50.0%	14.56	1.10	2 400	39 337	0.16	-62 462	2 994	32 000	12 000	1.95	0.25	30.800	30.80	33.01	1.00	1.07
	75.0%	13.91	1.10	2 400	18 591	0.08	-63 931	-3 975	32 000	12 000	2.00	0.33	30.800	30.80	33.01	1.00	1.07
	100.0 %	12.54	1.10	2 400	18 591	0.08	-66 324	-7 053	32 000	12 000	2.07	0.59	30.800	30.80	33.01	1.00	1.07
	0%	12.63	1.10	2 400	31 381	0.13	-65 712	-7 053	32 000	12 000	2.05	0.59	30.800	30.80	33.01	1.00	1.07
Trave Legno 25a-30a	25.0%	13.39	1.10	2 400	31 381	0.13	-64 407	-5 276	32 000	12 000	2.01	0.44	30.800	30.80	33.01	1.00	1.07
	50.0%	13.64	1.10	2 400	19 918	0.08	-65 946	-3 617	32 000	12 000	2.06	0.30	30.800	30.80	33.01	1.00	1.07
	75.0%	13.27	1.10	2 400	19 918	0.08	-67 377	-3 965	32 000	12 000	2.11	0.33	30.800	30.80	33.01	1.00	1.07
	100.0 %	12.83	1.10	2 400	20 070	0.08	-65 331	-6 589	32 000	12 000	2.04	0.55	30.800	30.80	33.01	1.00	1.07
	0%	12.99	1.10	2 400	33 808	0.14	-64 368	-6 591	32 000	12 000	2.01	0.55	30.800	30.80	33.01	1.00	1.07
Trave Legno 28a-33a	25.0%	14.32	1.10	2 400	33 808	0.14	-60 519	-4 746	32 000	12 000	1.89	0.40	30.800	30.80	33.01	1.00	1.07
	50.0%	15.17	1.10	2 400	18 918	0.08	-59 547	-3 098	32 000	12 000	1.86	0.26	30.800	30.80	33.01	1.00	1.07
	75.0%	14.75	1.10	2 400	18 918	0.08	-60 422	-3 669	32 000	12 000	1.89	0.31	30.800	30.80	33.01	1.00	1.07
	100%	14.38	1.10	2 400	18 918	0.08	-61 178	-4 236	32 000	12 000	1.91	0.35	30.800	30.80	33.01	1.00	1.07
	0%	42.09	1.10	2 400	2 263	0.01	-6 876	7 477	32 000	12 000	0.21	0.62	30.800	30.80	33.01	1.00	1.07
Trave Legno 23a-28a	25.0%	64.08	1.10	2 400	2 263	0.01	-5 543	4 622	32 000	12 000	0.17	0.39	30.800	30.80	33.01	1.00	1.07
	50.0%	NS	1.10	2 400	2 263	0.01	-4 107	-2 002	32 000	12 000	0.13	0.17	30.800	30.80	33.01	1.00	1.07
	75.0%	NS	1.10	2 400	1 307	0.01	-3 179	-2 992	32 000	12 000	0.10	0.25	30.800	30.80	33.01	1.00	1.07
	100.0 %	56.13	1.10	2 400	1 307	0.01	-2 122	-6 460	32 000	12 000	0.07	0.54	30.800	30.80	33.01	1.00	1.07
	0%	47.23	1.10	2 400	5 961	0.02	-4 584	-7 098	32 000	12 000	0.14	0.59	30.800	30.80	33.01	1.00	1.07

Travi (LG) - Verifiche per pressoflessione																	
Id _{Tr}	%L _{Lt}	CS	k _{mod}	A	N _{Ed}	σ _{c,0d}	M _{Ed,3}	M _{Ed,2}	W _x	W _y	σ _{Md,X}	σ _{Md,Y}	f _{c,0d}	f _{m,X,d}	f _{m,Y,d}	K _{h,X}	K _{h,Y}
	[%]			[cm²]	[N]	[N/mm²]	[N-m]	[N-m]	[cm³]	[cm³]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]		
Trave Legno 13-23a	25.0%	83.03	1.10	2 400	5 961	0.02	-4 535	-3 495	32 000	12 000	0.14	0.29	30.800	30.80	33.01	1.00	1.07
	50.0%	NS	1.10	2 400	5 003	0.02	-4 407	1 900	32 000	12 000	0.14	0.16	30.800	30.80	33.01	1.00	1.07
	75.0%	65.56	1.10	2 400	4 073	0.02	-4 812	4 688	32 000	12 000	0.15	0.39	30.800	30.80	33.01	1.00	1.07
	100.0%	43.70	1.10	2 400	4 073	0.02	-5 637	7 478	32 000	12 000	0.18	0.62	30.800	30.80	33.01	1.00	1.07
	0%	34.52	1.10	2 400	9 674	0.04	5 492	-9 930	32 000	12 000	0.17	0.83	30.800	30.80	33.01	1.00	1.07
	25.0%	51.85	1.10	2 400	9 674	0.04	2 953	-6 808	32 000	12 000	0.09	0.57	30.800	30.80	33.01	1.00	1.07
Trave Legno 40a-41a	50.0%	83.58	1.10	2 400	10 010	0.04	646	-4 557	32 000	12 000	0.02	0.38	30.800	30.80	33.01	1.00	1.07
	75.0%	62.83	1.10	2 400	8 172	0.03	-1 834	-5 788	32 000	12 000	0.06	0.48	30.800	30.80	33.01	1.00	1.07
	100.0%	48.05	1.10	2 400	8 172	0.03	-4 077	-7 097	32 000	12 000	0.13	0.59	30.800	30.80	33.01	1.00	1.07
	0%	51.43	1.10	384	1 962	0.05	1 008	0	1 536	1 024	0.66	0.00	30.800	33.76	33.88	1.10	1.10
	25.0%	18.03	1.10	384	1 962	0.05	-2 875	0	1 536	1 024	1.87	0.00	30.800	33.76	33.88	1.10	1.10
	50.0%	14.49	1.10	384	1 962	0.05	-3 578	0	1 536	1 024	2.33	0.00	30.800	33.76	33.88	1.10	1.10
Trave Legno 45a-46a	75.0%	18.05	1.10	384	492	0.01	-2 873	0	1 536	1 024	1.87	0.00	30.800	33.76	33.88	1.10	1.10
	100%	51.39	1.10	384	492	0.01	1 009	0	1 536	1 024	0.66	0.00	30.800	33.76	33.88	1.10	1.10
	0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	25.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	50.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Trave Legno 50a-51a	100%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	25.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	50.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	100%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Trave Legno 47a-48a	0%	NS	1.10	384	3 477	0.09	504	0	1 536	1 024	0.33	0.00	30.800	33.76	33.88	1.10	1.10
	25.0%	17.21	1.10	384	3 477	0.09	-3 013	0	1 536	1 024	1.96	0.00	30.800	33.76	33.88	1.10	1.10
	50.0%	13.65	1.10	384	1 944	0.05	-3 797	0	1 536	1 024	2.47	0.00	30.800	33.76	33.88	1.10	1.10
	75.0%	17.23	1.10	384	946	0.02	-3 009	0	1 536	1 024	1.96	0.00	30.800	33.76	33.88	1.10	1.10
	100%	NS	1.10	384	946	0.02	506	0	1 536	1 024	0.33	0.00	30.800	33.76	33.88	1.10	1.10
	0%	12.32	1.10	2 400	62 592	0.26	70 896	-5 177	32 000	12 000	2.22	0.43	30.800	30.80	33.01	1.00	1.07
Trave Legno 43a-48a	25.0%	12.23	1.10	2 400	62 592	0.26	74 387	-3 507	32 000	12 000	2.32	0.29	30.800	30.80	33.01	1.00	1.07
	50.0%	11.47	1.10	2 400	16 079	0.07	81 699	-2 435	32 000	12 000	2.55	0.20	30.800	30.80	33.01	1.00	1.07
	75.0%	9.14	1.10	2 400	16 079	0.07	105 423	1 411	32 000	12 000	3.29	0.12	30.800	30.80	33.01	1.00	1.07
	100%	7.47	1.10	2 400	16 079	0.07	129 263	1 507	32 000	12 000	4.04	0.13	30.800	30.80	33.01	1.00	1.07
	0%	12.51	1.10	2 400	41 439	0.17	72 331	-3 692	32 000	12 000	2.26	0.31	30.800	30.80	33.01	1.00	1.07
	25.0%	12.36	1.10	2 400	41 439	0.17	75 121	2 635	32 000	12 000	2.35	0.22	30.800	30.80	33.01	1.00	1.07
Trave Legno 44a-49a	50.0%	11.48	1.10	2 400	40 550	0.17	81 747	2 358	32 000	12 000	2.55	0.20	30.800	30.80	33.01	1.00	1.07
	75.0%	9.01	1.10	2 400	40 550	0.17	105 763	2 047	32 000	12 000	3.31	0.17	30.800	30.80	33.01	1.00	1.07
	100%	7.37	1.10	2 400	40 550	0.17	129 899	2 141	32 000	12 000	4.06	0.18	30.800	30.80	33.01	1.00	1.07
	0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	25.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	50.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Trave Legno 48a-49a	75.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	100%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	0%	12.30	1.10	2 400	60 298	0.25	71 027	5 180	32 000	12 000	2.22	0.43	30.800	30.80	33.01	1.00	1.07
	25.0%	12.17	1.10	2 400	60 298	0.25	73 879	4 043	32 000	12 000	2.31	0.34	30.800	30.80	33.01	1.00	1.07
	50.0%	11.40	1.10	2 400	15 982	0.07	80 754	3 293	32 000	12 000	2.52	0.27	30.800	30.80	33.01	1.00	1.07
	75.0%	8.98	1.10	2 400	15 982	0.07	105 104	2 687	32 000	12 000	3.28	0.22	30.800	30.80	33.01	1.00	1.07
Trave Legno 45a-50a	100%	7.39	1.10	2 400	15 982	0.07	129 571	2 204	32 000	12 000	4.05	0.18	30.800	30.80	33.01	1.00	1.07

Travi (LG) - Verifiche per pressoflessione																	
Id _{Tr}	%L _{Lt}	CS	k _{mod}	A	N _{Ed}	σ _{c,0d}	M _{Ed,3}	M _{Ed,2}	W _x	W _y	σ _{Md,x}	σ _{Md,y}	f _{c,0d}	f _{m,x,d}	f _{m,y,d}	K _{h,x}	K _{h,y}
	[%]			[cm ²]	[N]	[N/mm ²]	[N-m]	[N-m]	[cm ³]	[cm ³]	[N/mm ²]	[N/mm ²]	[N/mm ²]	[N/mm ²]	[N/mm ²]		
Trave Legno 49a-50a	0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	25.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	50.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Trave Legno 38a-43a	100.0 %	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	0%	30.29	1.10	2 400	58 939	0.25	22 626	-5 654	32 000	12 000	0.71	0.47	30.800	30.80	33.01	1.00	1.07
	25.0%	28.17	1.10	2 400	58 939	0.25	25 542	-5 388	32 000	12 000	0.80	0.45	30.800	30.80	33.01	1.00	1.07
	50.0%	23.95	1.10	2 400	16 181	0.07	32 166	-5 157	32 000	12 000	1.01	0.43	30.800	30.80	33.01	1.00	1.07
Trave Legno 42a-43a	75.0%	16.19	1.10	2 400	17 016	0.07	52 277	-4 925	32 000	12 000	1.63	0.41	30.800	30.80	33.01	1.00	1.07
	100.0 %	12.11	1.10	2 400	17 016	0.07	72 362	-5 177	32 000	12 000	2.26	0.43	30.800	30.80	33.01	1.00	1.07
	0%	NS	1.10	384	510	0.01	363	0	1 536	1 024	0.24	0.00	30.800	33.76	33.88	1.10	1.10
	25.0%	18.83	1.10	384	510	0.01	-2 754	0	1 536	1 024	1.79	0.00	30.800	33.76	33.88	1.10	1.10
Trave Legno 39a-44a	50.0%	14.40	1.10	384	510	0.01	-3 601	0	1 536	1 024	2.34	0.00	30.800	33.76	33.88	1.10	1.10
	75.0%	19.49	1.10	384	210	0.01	-2 660	0	1 536	1 024	1.73	0.00	30.800	33.76	33.88	1.10	1.10
	100%	NS	1.10	384	210	0.01	274	0	1 536	1 024	0.18	0.00	30.800	33.76	33.88	1.10	1.10
	0%	29.52	1.10	2 400	40 092	0.17	23 976	-5 390	32 000	12 000	0.75	0.45	30.800	30.80	33.01	1.00	1.07
Trave Legno 43a-44a	25.0%	28.46	1.10	2 400	40 092	0.17	26 188	-4 828	32 000	12 000	0.82	0.40	30.800	30.80	33.01	1.00	1.07
	50.0%	24.85	1.10	2 400	38 752	0.16	32 181	-4 283	32 000	12 000	1.01	0.36	30.800	30.80	33.01	1.00	1.07
	75.0%	16.70	1.10	2 400	39 214	0.16	52 507	-3 729	32 000	12 000	1.64	0.31	30.800	30.80	33.01	1.00	1.07
	100.0 %	12.42	1.10	2 400	39 214	0.16	72 870	-3 692	32 000	12 000	2.28	0.31	30.800	30.80	33.01	1.00	1.07
Trave Legno 40a-45a	0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	25.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	50.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Trave Legno 34a-38a	100%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	0%	32.60	1.10	2 400	56 713	0.24	22 623	-4 337	32 000	12 000	0.71	0.36	30.800	30.80	33.01	1.00	1.07
	25.0%	30.71	1.10	2 400	56 713	0.24	24 992	4 043	32 000	12 000	0.78	0.34	30.800	30.80	33.01	1.00	1.07
	50.0%	25.45	1.10	2 400	16 485	0.07	31 410	4 196	32 000	12 000	0.98	0.35	30.800	30.80	33.01	1.00	1.07
Trave Legno 44a-45a	75.0%	16.48	1.10	2 400	16 968	0.07	51 876	4 559	32 000	12 000	1.62	0.38	30.800	30.80	33.01	1.00	1.07
	100.0 %	12.09	1.10	2 400	16 968	0.07	72 478	5 180	32 000	12 000	2.26	0.43	30.800	30.80	33.01	1.00	1.07
	0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	25.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Trave Legno 37a-38a	50.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	100%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	0%	17.21	1.10	2 400	55 253	0.23	-49 215	4 601	32 000	12 000	1.54	0.38	30.800	30.80	33.01	1.00	1.07
Trave Legno 35a-39a	25.0%	24.63	1.10	2 400	55 253	0.23	-33 328	3 807	32 000	12 000	1.04	0.32	30.800	30.80	33.01	1.00	1.07
	50.0%	36.53	1.10	2 400	17 143	0.07	-21 394	-3 205	32 000	12 000	0.67	0.27	30.800	30.80	33.01	1.00	1.07
	75.0%	37.70	1.10	2 400	17 919	0.07	-18 771	-4 230	32 000	12 000	0.59	0.35	30.800	30.80	33.01	1.00	1.07
	100.0 %	29.01	1.10	2 400	17 919	0.07	24 118	-5 653	32 000	12 000	0.75	0.47	30.800	30.80	33.01	1.00	1.07
Trave Legno 35a-39a	0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	25.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	50.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Trave Legno 35a-39a	100%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	0%	17.89	1.10	2 400	38 710	0.16	-46 758	-4 776	32 000	12 000	1.46	0.40	30.800	30.80	33.01	1.00	1.07
	25.0%	26.13	1.10	2 400	38 710	0.16	-29 780	-4 542	32 000	12 000	0.93	0.38	30.800	30.80	33.01	1.00	1.07
	50.0%	40.45	1.10	2 400	37 424	0.16	-16 834	-4 311	32 000	12 000	0.53	0.36	30.800	30.80	33.01	1.00	1.07
Trave Legno 35a-39a	75.0%	44.48	1.10	2 400	37 842	0.16	-14 022	-4 658	32 000	12 000	0.44	0.39	30.800	30.80	33.01	1.00	1.07
	100.0 %	29.03	1.10	2 400	37 842	0.16	24 542	-5 389	32 000	12 000	0.77	0.45	30.800	30.80	33.01	1.00	1.07

Travi (LG) - Verifiche per pressoflessione																	
Id _{Tr}	%L _{Lt}	CS	k _{mod}	A	N _{Ed}	σ _{c,0d}	M _{Ed,3}	M _{Ed,2}	W _x	W _y	σ _{Md,X}	σ _{Md,Y}	f _{c,0d}	f _{m,X,d}	f _{m,Y,d}	K _{h,X}	K _{h,Y}
	[%]			[cm ²]	[N]	[N/mm ²]	[N-m]	[N-m]	[cm ³]	[cm ³]	[N/mm ²]	[N/mm ²]	[N/mm ²]	[N/mm ²]	[N/mm ²]		
Trave Legno 38a-39a	0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	25.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	50.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Trave Legno 36a-40a	100%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	0%	16.09	1.10	2 400	53 098	0.22	-47 258	-7 998	32 000	12 000	1.48	0.67	30.800	30.80	33.01	1.00	1.07
	25.0%	23.19	1.10	2 400	53 098	0.22	-30 642	-6 785	32 000	12 000	0.96	0.57	30.800	30.80	33.01	1.00	1.07
	50.0%	35.33	1.10	2 400	17 446	0.07	-18 335	-5 487	32 000	12 000	0.57	0.46	30.800	30.80	33.01	1.00	1.07
Trave Legno 39a-40a	75.0%	41.94	1.10	2 400	17 923	0.07	-15 681	-4 486	32 000	12 000	0.49	0.37	30.800	30.80	33.01	1.00	1.07
	100.0 %	31.13	1.10	2 400	17 923	0.07	24 102	-4 336	32 000	12 000	0.75	0.36	30.800	30.80	33.01	1.00	1.07
	0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	25.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Trave Legno 42a-47a	50.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	100.0 %	-	0.00	384	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	0%	49.36	1.10	2 400	16 409	0.07	-8 960	-5 502	32 000	12 000	0.28	0.46	30.800	30.80	33.01	1.00	1.07
Trave Legno 37a-42a	25.0%	58.98	1.10	2 400	16 409	0.07	-7 561	-4 587	32 000	12 000	0.24	0.38	30.800	30.80	33.01	1.00	1.07
	50.0%	66.03	1.10	2 400	2 142	0.01	-7 147	-3 988	32 000	12 000	0.22	0.33	30.800	30.80	33.01	1.00	1.07
	75.0%	65.30	1.10	2 400	2 142	0.01	-9 104	-3 439	32 000	12 000	0.28	0.29	30.800	30.80	33.01	1.00	1.07
	100%	61.64	1.10	2 400	2 142	0.01	-10 950	-2 893	32 000	12 000	0.34	0.24	30.800	30.80	33.01	1.00	1.07
Trave Legno 18-37a	0%	48.74	1.10	2 400	9 976	0.04	4 001	-7 001	32 000	12 000	0.13	0.58	30.800	30.80	33.01	1.00	1.07
	25.0%	57.67	1.10	2 400	9 976	0.04	-1 938	-6 323	32 000	12 000	0.06	0.53	30.800	30.80	33.01	1.00	1.07
	50.0%	61.83	1.10	2 400	5 902	0.02	-2 636	-5 665	32 000	12 000	0.08	0.47	30.800	30.80	33.01	1.00	1.07
	75.0%	58.15	1.10	2 400	5 066	0.02	-5 348	-5 307	32 000	12 000	0.17	0.44	30.800	30.80	33.01	1.00	1.07
Trave Legno 22-41a	100.0 %	50.31	1.10	2 400	7 220	0.03	-8 426	-5 503	32 000	12 000	0.26	0.46	30.800	30.80	33.01	1.00	1.07
	0%	35.49	1.10	2 400	9 485	0.04	15 254	6 870	32 000	12 000	0.48	0.57	30.800	30.80	33.01	1.00	1.07
	25.0%	48.71	1.10	2 400	9 485	0.04	11 574	4 875	32 000	12 000	0.36	0.41	30.800	30.80	33.01	1.00	1.07
	50.0%	72.56	1.10	2 400	6 620	0.03	8 930	2 671	32 000	12 000	0.28	0.22	30.800	30.80	33.01	1.00	1.07
Trave Legno 41a-46a	75.0%	69.13	1.10	2 400	6 327	0.03	6 816	-3 812	32 000	12 000	0.21	0.32	30.800	30.80	33.01	1.00	1.07
	100.0 %	46.12	1.10	2 400	6 327	0.03	5 646	-7 001	32 000	12 000	0.18	0.58	30.800	30.80	33.01	1.00	1.07
	0%	32.82	1.10	2 400	864	0.00	16 426	-7 448	32 000	12 000	0.51	0.62	30.800	30.80	33.01	1.00	1.07
	25.0%	39.91	1.10	2 400	864	0.00	13 094	-6 241	32 000	12 000	0.41	0.52	30.800	30.80	33.01	1.00	1.07
Trave Legno 46a-51a	50.0%	47.03	1.10	2 400	71	0.00	10 267	-5 535	32 000	12 000	0.32	0.46	30.800	30.80	33.01	1.00	1.07
	75.0%	52.11	1.10	2 400	71	0.00	8 478	-5 217	32 000	12 000	0.26	0.43	30.800	30.80	33.01	1.00	1.07
	100.0 %	58.22	1.10	2 400	71	0.00	6 789	-4 894	32 000	12 000	0.21	0.41	30.800	30.80	33.01	1.00	1.07
	0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Trave Legno 48a-27	25.0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	50.0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	75.0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	100%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Trave Legno 48a-27	0%	7.55	1.10	2 400	66 159	0.28	127 857	1 507	32 000	12 000	4.00	0.13	30.800	30.80	33.01	1.00	1.07
	24.8%	7.99	1.10	2 400	66 159	0.28	120 230	1 712	32 000	12 000	3.76	0.14	30.800	30.80	33.01	1.00	1.07
	50.0%	8.39	1.10	2 400	16 449	0.07	113 376	2 340	32 000	12 000	3.54	0.20	30.800	30.80	33.01	1.00	1.07
	74.8%	7.36	1.10	2 400	16 449	0.07	127 514	3 647	32 000	12 000	3.98	0.30	30.800	30.80	33.01	1.00	1.07
Trave Legno 48a-27	100%	6.56	1.10	2 400	16 449	0.07	141 652	4 953	32 000	12 000	4.43	0.41	30.800	30.80	33.01	1.00	1.07

Travi (LG) - Verifiche per pressoflessione																	
Id _{Tr}	%L _{LI}	CS	k _{mod}	A	N _{Ed}	σ _{c,0d}	M _{Ed,3}	M _{Ed,2}	W _x	W _y	σ _{Md,X}	σ _{Md,Y}	f _{c,0d}	f _{m,X,d}	f _{m,Y,d}	K _{h,X}	K _{h,Y}
	[%]			[cm²]	[N]	[N/mm²]	[N-m]	[N-m]	[cm³]	[cm³]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]		
Trave Legno 49a-28	0%	7.40	1.10	2 400	42 705	0.18	129 404	2 142	32 000	12 000	4.04	0.18	30.800	30.80	33.01	1.00	1.07
	24.8%	7.89	1.10	2 400	42 705	0.18	121 237	2 110	32 000	12 000	3.79	0.18	30.800	30.80	33.01	1.00	1.07
	50.0%	8.35	1.10	2 400	41 807	0.17	113 852	2 423	32 000	12 000	3.56	0.20	30.800	30.80	33.01	1.00	1.07
	74.8%	7.33	1.10	2 400	41 807	0.17	128 449	3 445	32 000	12 000	4.01	0.29	30.800	30.80	33.01	1.00	1.07
	100%	6.53	1.10	2 400	41 807	0.17	143 051	4 464	32 000	12 000	4.47	0.37	30.800	30.80	33.01	1.00	1.07
Trave Legno 27-28	0%	42.06	1.10	2 400	10 297	0.04	19 021	2 533	32 000	12 000	0.59	0.21	30.800	30.80	33.01	1.00	1.07
	25.0%	83.39	1.10	2 400	10 297	0.04	-9 537	1 309	32 000	12 000	0.30	0.11	30.800	30.80	33.01	1.00	1.07
	50.0%	NS	1.10	2 400	9 835	0.04	-2 703	157	32 000	12 000	0.08	0.01	30.800	30.80	33.01	1.00	1.07
	75.0%	NS	1.10	2 400	7 485	0.03	6 244	-1 143	32 000	12 000	0.20	0.10	30.800	30.80	33.01	1.00	1.07
	100%	45.76	1.10	2 400	7 485	0.03	17 412	-2 368	32 000	12 000	0.54	0.20	30.800	30.80	33.01	1.00	1.07
Trave Legno 50a-29	0%	7.46	1.10	2 400	63 799	0.27	128 177	2 204	32 000	12 000	4.01	0.18	30.800	30.80	33.01	1.00	1.07
	24.8%	7.98	1.10	2 400	63 799	0.27	119 852	2 065	32 000	12 000	3.75	0.17	30.800	30.80	33.01	1.00	1.07
	50.0%	8.46	1.10	2 400	26 091	0.11	111 798	2 680	32 000	12 000	3.49	0.22	30.800	30.80	33.01	1.00	1.07
	74.8%	7.43	1.10	2 400	14 912	0.06	127 182	3 160	32 000	12 000	3.97	0.26	30.800	30.80	33.01	1.00	1.07
	100%	6.62	1.10	2 400	14 912	0.06	142 021	3 960	32 000	12 000	4.44	0.33	30.800	30.80	33.01	1.00	1.07

LEGENDA:

Id _{Tr}	Identificativo della trave.
%L _{LI}	Posizione della sezione per la quale vengono forniti i valori di verifica, valutata come % della lunghezza libera d'inflessione (L _{LI}), a partire dall'estremo iniziale.
CS	Coefficiente di sicurezza ([NS] = Non Significativo se CS ≥ 100; [VNR]= Verifica Non Richiesta; Informazioni aggiuntive sulla condizione: [V] = statica; [E] = eccezionale; [S] = sismica; [N] = sismica non lineare).
k _{mod}	Coefficiente di riduzione per Classe di Servizio e di Durata del carico.
A	Area della sezione.
N _{Ed}	Sforzo normale di progetto.
σ _{c,0d}	Tensione di progetto a compressione in direzione parallela alla fibratura.
M _{Ed,3}	Momento flettente di progetto intorno a 3.
M _{Ed,2}	Momento flettente di progetto intorno a 2.
W _x	Modulo di resistenza rispetto alla direzione locale X.
W _y	Modulo di resistenza rispetto alla direzione locale Y.
σ _{Md,X}	Tensione per Momento di progetto rispetto alla direzione locale X.
σ _{Md,Y}	Tensione per Momento di progetto rispetto alla direzione locale Y.
f _{c,0d}	Tensione resistente a compressione in direzione parallela alla fibratura.
f _{m,X,d}	Tensione resistente per Flessione rispetto alla direzione locale X.
f _{m,Y,d}	Tensione resistente per Flessione rispetto alla direzione locale Y.
K _{h,X}	Coefficiente di amplificazione della resistenza a flessione rispetto alla direzione locale X.
K _{h,Y}	Coefficiente di amplificazione della resistenza a flessione rispetto alla direzione locale Y.

TRAVI (LG) - VERIFICHE PER TENSOFFLESSIONE (Elevazione) allo SLD

Travi (LG) - Verifiche per tensoflessione																	
Id _{Tr}	%L _{LI}	CS	k _{mod}	A	N _{Ed}	σ _{t,0d}	M _{Ed,3}	M _{Ed,2}	W _x	W _y	σ _{Md,X}	σ _{Md,Y}	f _{t,0d}	f _{m,X,d}	f _{m,Y,d}	K _{h,X}	K _{h,Y}
	[%]			[cm²]	[N]	[N/mm²]	[N-m]	[N-m]	[cm³]	[cm³]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]		
Piano copertura																	
Trave Legno 47a-26	0%	48.72	1.10	2 400	-16 191	-0.07	-12 476	-2 895	32 000	12 000	-0.39	-0.24	24.53	30.80	33.01	1.00	1.00
	24.9%	63.31	1.10	2 400	-16 191	-0.07	-9 753	-1 783	32 000	12 000	-0.30	-0.15	24.53	30.80	33.01	1.00	1.00
	50.0%	90.85	1.10	2 400	-16 191	-0.07	-6 978	-666	32 000	12 000	-0.22	-0.06	24.53	30.80	33.01	1.00	1.00
	74.9%	94.03	1.10	2 400	-3 351	-0.01	-9 141	448	32 000	12 000	-0.29	-0.04	24.53	30.80	33.01	1.00	1.00
	100%	71.69	1.10	2 400	-3 351	-0.01	-10 467	1 562	32 000	12 000	-0.33	-0.13	24.53	30.80	33.01	1.00	1.00
Trave Legno 11a-9	0%	39.43	1.10	2 400	-7 550	-0.03	6 598	-7 682	32 000	12 000	-0.21	-0.64	24.53	30.80	33.01	1.00	1.00
	25.0%	52.53	1.10	2 400	-9 676	-0.04	9 246	-4 289	32 000	12 000	-0.29	-0.36	24.53	30.80	33.01	1.00	1.00
	50.0%	60.12	1.10	2 400	-8 731	-0.04	9 290	-3 240	32 000	12 000	-0.29	-0.27	24.53	30.80	33.01	1.00	1.00
	75.0%	42.87	1.10	2 400	-2 416	-0.01	11 534	5 832	32 000	12 000	-0.36	-0.49	24.53	30.80	33.01	1.00	1.00
	100.0%	32.10	1.10	2 400	-2 416	-0.01	14 268	8 163	32 000	12 000	-0.45	-0.68	24.53	30.80	33.01	1.00	1.00
Trave Legno 29a-18	0%	42.15	1.10	2 400	-10 428	-0.04	-5 521	-7 143	32 000	12 000	-0.17	-0.60	24.53	30.80	33.01	1.00	1.00
	24.9%	58.16	1.10	2 400	-10 428	-0.04	3 032	-5 256	32 000	12 000	-0.09	-0.44	24.53	30.80	33.01	1.00	1.00
	50.0%	79.30	1.10	2 400	-10 428	-0.04	3 283	-3 370	32 000	12 000	-0.10	-0.28	24.53	30.80	33.01	1.00	1.00
	74.9%	64.46	1.10	2 400	-5 963	-0.02	6 436	3 933	32 000	12 000	-0.20	-0.33	24.53	30.80	33.01	1.00	1.00

Travi (LG) - Verifiche per tensoflessione																		
Id _{Tr}	%L _{Lt}	CS	k _{mod}	A	N _{Ed}	σ _{t0d}	M _{Ed,3}	M _{Ed,2}	W _x	W _y	σ _{Md,X}	σ _{Md,Y}	f _{t0d}	f _{m,X,d}	f _{m,Y,d}	K _{h,X}	K _{h,Y}	K _h
	[%]			[cm²]	[N]	[N/mm²]	[N·m]	[N·m]	[cm³]	[cm³]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]			
Trave Legno 18a-13	100%	46.2 4	1.10	2 400	-2 788	-0.01	8 697	5 932	32 000 0	12 000 0	-0.27	-0.49	24.53	30.80	33.01	1.00	1.07	1.00
	0%	NS	1.10	2 400	-8 480	-0.04	-305	-59	32 000 0	12 000 0	-0.01	0.00	24.53	30.80	33.01	1.00	1.07	1.00
	25.0%	NS	1.10	2 400	-8 480	-0.04	-5 112	-33	32 000 0	12 000 0	-0.16	0.00	24.53	30.80	33.01	1.00	1.07	1.00
	50.0%	NS	1.10	2 400	-8 480	-0.04	-7 012	-8	32 000 0	12 000 0	-0.22	0.00	24.53	30.80	33.01	1.00	1.07	1.00
	75.0%	NS	1.10	2 400	-8 480	-0.04	-5 714	18	32 000 0	12 000 0	-0.18	0.00	24.53	30.80	33.01	1.00	1.07	1.00
Trave Legno 12a-16a	100%	NS	1.10	2 400	-8 480	-0.04	-1 238	43	32 000 0	12 000 0	-0.04	0.00	24.53	30.80	33.01	1.00	1.07	1.00
	0%	15.4 8	1.10	2 400	-3 958	-0.02	-49 932	-7 499	32 000 0	12 000 0	-1.56	-0.62	24.53	30.80	33.01	1.00	1.07	1.00
	25.0%	15.8 4	1.10	2 400	-3 958	-0.02	-53 010	-4 899	32 000 0	12 000 0	-1.66	-0.41	24.53	30.80	33.01	1.00	1.07	1.00
	50.0%	15.4 7	1.10	2 400	-3 958	-0.02	-55 983	4 056	32 000 0	12 000 0	-1.75	-0.34	24.53	30.80	33.01	1.00	1.07	1.00
	75.0%	14.1 9	1.10	2 400	-3 521	-0.01	-58 825	5 766	32 000 0	12 000 0	-1.84	-0.48	24.53	30.80	33.01	1.00	1.07	1.00
Trave Legno 9-16a	100.0 %	12.6 1	1.10	2 400	-3 521	-0.01	-64 570	7 469	32 000 0	12 000 0	-2.02	-0.62	24.53	30.80	33.01	1.00	1.07	1.00
	0%	NS	1.10	2 400	-2 711	-0.01	-1 193	-50	32 000 0	12 000 0	-0.04	0.00	24.53	30.80	33.01	1.00	1.07	1.00
	25.0%	NS	1.10	2 400	-2 711	-0.01	-5 513	-25	32 000 0	12 000 0	-0.17	0.00	24.53	30.80	33.01	1.00	1.07	1.00
	50.0%	NS	1.10	2 400	-2 711	-0.01	-6 715	-4	32 000 0	12 000 0	-0.21	0.00	24.53	30.80	33.01	1.00	1.07	1.00
	75.0%	NS	1.10	2 400	-2 711	-0.01	-5 063	19	32 000 0	12 000 0	-0.16	0.00	24.53	30.80	33.01	1.00	1.07	1.00
Trave Legno 13a-17a	100%	NS	1.10	2 400	-2 711	-0.01	-268	38	32 000 0	12 000 0	-0.01	0.00	24.53	30.80	33.01	1.00	1.07	1.00
	0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	25.0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	50.0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	75.0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
Trave Legno 16a-17a	100.0 %	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	25.0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	50.0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	75.0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
Trave Legno 14a-18a	100%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	0%	16.4 9	1.10	2 400	-6 365	-0.03	-49 624	5 206	32 000 0	12 000 0	-1.55	-0.43	24.53	30.80	33.01	1.00	1.07	1.00
	25.0%	15.6 4	1.10	2 400	-6 365	-0.03	-52 739	-5 284	32 000 0	12 000 0	-1.65	-0.44	24.53	30.80	33.01	1.00	1.07	1.00
	50.0%	14.3 3	1.10	2 400	-5 918	-0.02	-55 793	-6 878	32 000 0	12 000 0	-1.74	-0.57	24.53	30.80	33.01	1.00	1.07	1.00
	75.0%	13.0 8	1.10	2 400	-5 918	-0.02	-59 031	-8 813	32 000 0	12 000 0	-1.84	-0.73	24.53	30.80	33.01	1.00	1.07	1.00
Trave Legno 17a-18a	100.0 %	11.7 1	1.10	2 400	-5 918	-0.02	-64 443	-10 751	32 000 0	12 000 0	-2.01	-0.90	24.53	30.80	33.01	1.00	1.07	1.00
	0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	25.0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	50.0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	75.0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
Trave Legno 36a-22	100.0 %	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	0%	NS	1.10	2 400	-6 221	-0.03	739	49	32 000 0	12 000 0	-0.02	0.00	24.53	30.80	33.01	1.00	1.07	1.00
	25.0%	NS	1.10	2 400	-6 221	-0.03	-5 144	29	32 000 0	12 000 0	-0.16	0.00	24.53	30.80	33.01	1.00	1.07	1.00
	50.0%	NS	1.10	2 400	-6 221	-0.03	-6 961	6	32 000 0	12 000 0	-0.22	0.00	24.53	30.80	33.01	1.00	1.07	1.00
	75.0%	NS	1.10	2 400	-6 221	-0.03	-5 844	-13	32 000 0	12 000 0	-0.18	0.00	24.53	30.80	33.01	1.00	1.07	1.00
Trave Legno 30a-34a	100%	NS	1.10	2 400	-6 221	-0.03	-1 381	-33	32 000 0	12 000 0	-0.04	0.00	24.53	30.80	33.01	1.00	1.07	1.00
	0%	14.0 2	1.10	2 400	-19 172	-0.08	-59 716	-4 237	32 000 0	12 000 0	-1.87	-0.35	24.53	30.80	33.01	1.00	1.07	1.00
	25.0%	16.8 1	1.10	2 400	-19 172	-0.08	-49 913	-3 171	32 000 0	12 000 0	-1.56	-0.26	24.53	30.80	33.01	1.00	1.07	1.00
	50.0%	20.9 0	1.10	2 400	-18 490	-0.08	-40 130	-2 260	32 000 0	12 000 0	-1.25	-0.19	24.53	30.80	33.01	1.00	1.07	1.00
	75.0%	21.4 2	1.10	2 400	-18 490	-0.08	-37 899	2 881	32 000 0	12 000 0	-1.18	-0.24	24.53	30.80	33.01	1.00	1.07	1.00
Trave Legno 18-34a	100%	20.8 0	1.10	2 400	-18 490	-0.08	-36 660	4 375	32 000 0	12 000 0	-1.15	-0.36	24.53	30.80	33.01	1.00	1.07	1.00
	0%	NS	1.10	2 400	-2 894	-0.01	-1 512	58	32 000 0	12 000 0	-0.05	0.00	24.53	30.80	33.01	1.00	1.07	1.00
	25.0%	NS	1.10	2 400	-2 894	-0.01	-5 640	26	32 000 0	12 000 0	-0.18	0.00	24.53	30.80	33.01	1.00	1.07	1.00

Travi (LG) - Verifiche per tensoflessione																		
Id _{Tr}	%L _{Lt}	CS	k _{mod}	A	N _{Ed}	σ _{t0d}	M _{Ed,3}	M _{Ed,2}	W _X	W _Y	σ _{Md,X}	σ _{Md,Y}	f _{t0d}	f _{m,X,d}	f _{m,Y,d}	K _{h,X}	K _{h,Y}	K _h
	[%]			[cm²]	[N]	[N/mm²]	[N-m]	[N-m]	[cm³]	[cm³]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]			
Trave Legno 15a-13	50.0%	2 66.1 1	1.10	2 400	-7 436	-0.03	3 540	-4 496	32 00 0	12 00 0	-0.11	-0.37	24.53	30.80	33.01	1.00	1.07	1.00
	75.0%	41.6 0	1.10	2 400	-4 164	-0.02	5 071	-7 816	32 00 0	12 00 0	-0.16	-0.65	24.53	30.80	33.01	1.00	1.07	1.00
	100%	29.5 1	1.10	2 400	-4 164	-0.02	7 118	-11 14 1	32 00 0	12 00 0	-0.22	-0.93	24.53	30.80	33.01	1.00	1.07	1.00
	0%	39.5 9	1.10	2 400	-12 260	-0.05	4 064	-8 038	32 00 0	12 00 0	-0.13	-0.67	24.53	30.80	33.01	1.00	1.07	1.00
	25.0%	39.6 0	1.10	2 400	-12 260	-0.05	5 388	-7 662	32 00 0	12 00 0	-0.17	-0.64	24.53	30.80	33.01	1.00	1.07	1.00
	50.0%	39.5 4	1.10	2 400	-12 260	-0.05	6 781	-7 285	32 00 0	12 00 0	-0.21	-0.61	24.53	30.80	33.01	1.00	1.07	1.00
Trave Legno 29-30	75.0%	37.4 2	1.10	2 400	-9 129	-0.04	11 06 1	-6 860	32 00 0	12 00 0	-0.35	-0.57	24.53	30.80	33.01	1.00	1.07	1.00
	100.0 %	31.9 1	1.10	2 400	-8 863	-0.04	15 42 3	-7 479	32 00 0	12 00 0	-0.48	-0.62	24.53	30.80	33.01	1.00	1.07	1.00
	0%	37.9 9	1.10	2 400	-3 873	-0.02	16 78 3	-4 887	32 00 0	12 00 0	-0.52	-0.41	24.53	30.80	33.01	1.00	1.07	1.00
	25.0%	68.6 2	1.10	2 400	-3 873	-0.02	8 980	-2 718	32 00 0	12 00 0	-0.28	-0.23	24.53	30.80	33.01	1.00	1.07	1.00
	50.0%	NS	1.10	2 400	-3 873	-0.02	-4 331	626	32 00 0	12 00 0	-0.14	-0.05	24.53	30.80	33.01	1.00	1.07	1.00
	75.0%	NS	1.10	2 400	-1 421	-0.01	-2 132	1 653	32 00 0	12 00 0	-0.07	-0.14	24.53	30.80	33.01	1.00	1.07	1.00
Trave Legno 28-29	100%	87.3 7	1.10	2 400	-1 421	-0.01	-1 493	4 018	32 00 0	12 00 0	-0.05	-0.33	24.53	30.80	33.01	1.00	1.07	1.00
	0%	53.0 5	1.10	2 400	-4 434	-0.02	13 74 6	-2 348	32 00 0	12 00 0	-0.43	-0.20	24.53	30.80	33.01	1.00	1.07	1.00
	25.0%	NS	1.10	2 400	-4 434	-0.02	-5 811	-1 182	32 00 0	12 00 0	-0.18	-0.10	24.53	30.80	33.01	1.00	1.07	1.00
	50.0%	NS	1.10	2 400	-512	0.00	-1 993	-134	32 00 0	12 00 0	-0.06	-0.01	24.53	30.80	33.01	1.00	1.07	1.00
	75.0%	90.6 2	1.10	2 400	-512	0.00	8 788	1 150	32 00 0	12 00 0	-0.27	-0.10	24.53	30.80	33.01	1.00	1.07	1.00
	100.0 %	41.9 7	1.10	2 400	-512	0.00	19 36 3	2 316	32 00 0	12 00 0	-0.61	-0.19	24.53	30.80	33.01	1.00	1.07	1.00
Trave Legno 26-27	0%	59.8 2	1.10	2 400	-3 519	-0.01	-3 485	5 405	32 00 0	12 00 0	-0.11	-0.45	24.53	30.80	33.01	1.00	1.07	1.00
	25.0%	NS	1.10	2 400	-3 519	-0.01	-3 844	2 610	32 00 0	12 00 0	-0.12	-0.22	24.53	30.80	33.01	1.00	1.07	1.00
	50.0%	NS	1.10	2 400	-1 454	-0.01	-3 219	208	32 00 0	12 00 0	-0.10	-0.02	24.53	30.80	33.01	1.00	1.07	1.00
	75.0%	NS	1.10	2 400	-1 454	-0.01	2 513	-2 668	32 00 0	12 00 0	-0.08	-0.22	24.53	30.80	33.01	1.00	1.07	1.00
	100%	52.2 3	1.10	2 400	-1 454	-0.01	8 172	-5 188	32 00 0	12 00 0	-0.26	-0.43	24.53	30.80	33.01	1.00	1.07	1.00
	0%	71.8 3	1.10	384	-3 634	-0.09	437	0	1 536	1 024	-0.28	0.00	23.15	28.93	29.04	1.10	1.10	1.10
Trave Legno 4a-5a	25.0%	13.8 4	1.10	384	-3 634	-0.09	-3 030	0	1 536	1 024	-1.97	0.00	23.15	28.93	29.04	1.10	1.10	1.10
	50.0%	10.9 0	1.10	384	-3 021	-0.08	-3 926	0	1 536	1 024	-2.56	0.00	23.15	28.93	29.04	1.10	1.10	1.10
	75.0%	14.2 8	1.10	384	-2 062	-0.05	-3 008	0	1 536	1 024	-1.96	0.00	23.15	28.93	29.04	1.10	1.10	1.10
	100%	92.5 3	1.10	384	-886	-0.02	436	0	1 536	1 024	-0.28	0.00	23.15	28.93	29.04	1.10	1.10	1.10
	0%	65.2 0	1.10	384	-4 013	-0.10	481	0	1 536	1 024	-0.31	0.00	23.15	28.93	29.04	1.10	1.10	1.10
	25.0%	16.5 8	1.10	384	-4 013	-0.10	-2 480	0	1 536	1 024	-1.61	0.00	23.15	28.93	29.04	1.10	1.10	1.10
Trave Legno 9a-10a	50.0%	12.4 8	1.10	384	-4 013	-0.10	-3 360	0	1 536	1 024	-2.19	0.00	23.15	28.93	29.04	1.10	1.10	1.10
	75.0%	16.8 3	1.10	384	-3 247	-0.08	-2 479	0	1 536	1 024	-1.61	0.00	23.15	28.93	29.04	1.10	1.10	1.10
	100%	68.9 7	1.10	384	-3 247	-0.08	482	0	1 536	1 024	-0.31	0.00	23.15	28.93	29.04	1.10	1.10	1.10
	0%	35.7 2	1.10	384	-7 322	-0.19	878	0	1 536	1 024	-0.57	0.00	23.15	28.93	29.04	1.10	1.10	1.10
	25.0%	14.5 4	1.10	384	-7 322	-0.19	-2 691	0	1 536	1 024	-1.75	0.00	23.15	28.93	29.04	1.10	1.10	1.10
	50.0%	12.0 4	1.10	384	-7 322	-0.19	-3 326	0	1 536	1 024	-2.17	0.00	23.15	28.93	29.04	1.10	1.10	1.10
Trave Legno 14a-15a	75.0%	14.8 7	1.10	384	-5 950	-0.15	-2 692	0	1 536	1 024	-1.75	0.00	23.15	28.93	29.04	1.10	1.10	1.10
	100%	37.8 7	1.10	384	-5 950	-0.15	876	0	1 536	1 024	-0.57	0.00	23.15	28.93	29.04	1.10	1.10	1.10
	0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	25.0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	50.0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	75.1%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
Trave Legno 2a-3a	100%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	0%	22.6 8	1.10	384	-11 526	-0.30	1 383	0	1 536	1 024	-0.90	0.00	23.15	28.93	29.04	1.10	1.10	1.10
	25.0%	19.1	1.10	384	-11 526	-0.30	-1 747	0	1 536	1 024	-1.14	0.00	23.15	28.93	29.04	1.10	1.10	1.10

Travi (LG) - Verifiche per tensoflessione																		
Id _{Tr}	%L _{Lt}	CS	k _{mod}	A	N _{Ed}	σ _{t0d}	M _{Ed,3}	M _{Ed,2}	W _x	W _y	σ _{Md,x}	σ _{Md,y}	f _{t0d}	f _{m,x,d}	f _{m,y,d}	K _{h,x}	K _{h,y}	K _h
	[%]			[cm²]	[N]	[N/mm²]	[N-m]	[N-m]	[cm³]	[cm³]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]			
Trave Legno 4-4a		3																
	50.0%	13.8 9	1.10	384	-11 526	-0.30	-2 623	0	1 536	1 024	-1.71	0.00	23.15	28.93	29.04	1.10	1.10	1.10
	75.0%	19.4 9	1.10	384	-10 711	-0.28	-1 745	0	1 536	1 024	-1.14	0.00	23.15	28.93	29.04	1.10	1.10	1.10
	100%	23.1 8	1.10	384	-10 711	-0.28	1 382	0	1 536	1 024	-0.90	0.00	23.15	28.93	29.04	1.10	1.10	1.10
	0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
Trave Legno 3a-4a	25.0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	50.0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	75.1%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	100%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	0%	23.4 5	1.10	384	-11 131	-0.29	1 339	0	1 536	1 024	-0.87	0.00	23.15	28.93	29.04	1.10	1.10	1.10
Trave Legno 5-5a	25.0%	20.2 9	1.10	384	-11 131	-0.29	-1 634	0	1 536	1 024	-1.06	0.00	23.15	28.93	29.04	1.10	1.10	1.10
	50.0%	14.3 0	1.10	384	-11 131	-0.29	-2 552	0	1 536	1 024	-1.66	0.00	23.15	28.93	29.04	1.10	1.10	1.10
	75.0%	20.5 6	1.10	384	-10 562	-0.28	-1 633	0	1 536	1 024	-1.06	0.00	23.15	28.93	29.04	1.10	1.10	1.10
	100.0 %	23.7 9	1.10	384	-10 562	-0.28	1 340	0	1 536	1 024	-0.87	0.00	23.15	28.93	29.04	1.10	1.10	1.10
	0%	56.2 1	1.10	2 400	-27 392	-0.11	-10 58 0	1 360	32 00 0	12 00 0	-0.33	-0.11	24.53	30.80	33.01	1.00	1.07	1.00
Trave Legno 1-1a	25.0%	61.5 6	1.10	2 400	-27 392	-0.11	-9 986	826	32 00 0	12 00 0	-0.31	-0.07	24.53	30.80	33.01	1.00	1.07	1.00
	50.0%	60.0 4	1.10	2 400	-27 392	-0.11	-9 313	1 445	32 00 0	12 00 0	-0.29	-0.12	24.53	30.80	33.01	1.00	1.07	1.00
	75.0%	50.4 4	1.10	2 400	-24 443	-0.10	-11 39 9	2 325	32 00 0	12 00 0	-0.36	-0.19	24.53	30.80	33.01	1.00	1.07	1.00
	100%	41.9 0	1.10	2 400	-24 443	-0.10	-13 48 0	3 418	32 00 0	12 00 0	-0.42	-0.28	24.53	30.80	33.01	1.00	1.07	1.00
	0%	NS	1.10	2 400	-8 641	-0.04	-5 607	1 167	32 00 0	12 00 0	-0.18	-0.10	24.53	30.80	33.01	1.00	1.07	1.00
Trave Legno 1a-2a	25.0%	NS	1.10	2 400	-8 641	-0.04	-5 257	436	32 00 0	12 00 0	-0.16	-0.04	24.53	30.80	33.01	1.00	1.07	1.00
	50.0%	NS	1.10	2 400	-4 708	-0.02	-4 538	1 724	32 00 0	12 00 0	-0.14	-0.14	24.53	30.80	33.01	1.00	1.07	1.00
	75.0%	79.1 7	1.10	2 400	-4 058	-0.02	-5 828	3 091	32 00 0	12 00 0	-0.18	-0.26	24.53	30.80	33.01	1.00	1.07	1.00
	100%	58.9 4	1.10	2 400	-4 058	-0.02	-7 046	4 466	32 00 0	12 00 0	-0.22	-0.37	24.53	30.80	33.01	1.00	1.07	1.00
	0%	35.3 8	1.10	384	-4 184	-0.11	-1 047	0	1 536	1 024	-0.68	0.00	23.15	28.93	29.04	1.10	1.10	1.10
Trave Legno 2-2a	25.0%	11.8 3	1.10	384	-4 184	-0.11	-3 548	0	1 536	1 024	-2.31	0.00	23.15	28.93	29.04	1.10	1.10	1.10
	50.0%	10.0 7	1.10	384	-4 184	-0.11	-4 205	0	1 536	1 024	-2.74	0.00	23.15	28.93	29.04	1.10	1.10	1.10
	75.0%	12.4 8	1.10	384	-257	-0.01	-3 548	0	1 536	1 024	-2.31	0.00	23.15	28.93	29.04	1.10	1.10	1.10
	100%	41.8 1	1.10	384	-257	-0.01	-1 050	0	1 536	1 024	-0.68	0.00	23.15	28.93	29.04	1.10	1.10	1.10
	0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
Trave Legno 3a-8a	25.0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	50.0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	75.1%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	100%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
Trave Legno 7a-8a	25.0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	50.0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	75.0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	100.0 %	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	0%	39.6 8	1.10	384	-6 602	-0.17	790	0	1 536	1 024	-0.51	0.00	23.15	28.93	29.04	1.10	1.10	1.10
Trave Legno 4a-9a	25.0%	17.2 9	1.10	384	-6 602	-0.17	-2 241	0	1 536	1 024	-1.46	0.00	23.15	28.93	29.04	1.10	1.10	1.10
	50.0%	13.0 0	1.10	384	-6 602	-0.17	-3 088	0	1 536	1 024	-2.01	0.00	23.15	28.93	29.04	1.10	1.10	1.10
	75.0%	17.4 4	1.10	384	-6 100	-0.16	-2 243	0	1 536	1 024	-1.46	0.00	23.15	28.93	29.04	1.10	1.10	1.10
	100%	40.7 3	1.10	384	-6 100	-0.16	786	0	1 536	1 024	-0.51	0.00	23.15	28.93	29.04	1.10	1.10	1.10
	0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
Trave Legno 8a-9a	25.0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	50.0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	75.0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	100.0 %	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	0%	39.8 8	1.10	384	-6 567	-0.17	786	0	1 536	1 024	-0.51	0.00	23.15	28.93	29.04	1.10	1.10	1.10
	25.0%	17.8	1.10	384	-6 567	-0.17	-2 162	0	1 536	1 024	-1.41	0.00	23.15	28.93	29.04	1.10	1.10	1.10

Travi (LG) - Verifiche per tensoflessione																		
Id _{Tr}	%L _{Lt}	CS	k _{mod}	A	N _{Ed}	σ _{t0d}	M _{Ed,3}	M _{Ed,2}	W _X	W _Y	σ _{Md,X}	σ _{Md,Y}	f _{t0d}	f _{m,X,d}	f _{m,Y,d}	K _{h,X}	K _{h,Y}	K _h
	[%]			[cm ²]	[N]	[N/mm ²]	[N-m]	[N-m]	[cm ³]	[cm ³]	[N/mm ²]	[N/mm ²]	[N/mm ²]	[N/mm ²]	[N/mm ²]			
Trave Legno 5a-10a	50.0%	13.27	1.10	384	-6 567	-0.17	-3 020	0	1 536	1 024	-1.97	0.00	23.15	28.93	29.04	1.10	1.10	1.10
	75.0%	17.90	1.10	384	-6 441	-0.17	-2 161	0	1 536	1 024	-1.41	0.00	23.15	28.93	29.04	1.10	1.10	1.10
	100.0%	39.96	1.10	384	-6 441	-0.17	790	0	1 536	1 024	-0.51	0.00	23.15	28.93	29.04	1.10	1.10	1.10
	0%	45.17	1.10	2 400	-23 370	-0.10	-11 954	3 418	32 000	12 000	-0.37	-0.28	24.53	30.80	33.01	1.00	1.07	1.00
	25.0%	47.02	1.10	2 400	-23 108	-0.10	-10 119	4 003	32 000	12 000	-0.32	-0.33	24.53	30.80	33.01	1.00	1.07	1.00
	50.0%	45.34	1.10	2 400	-23 108	-0.10	-8 316	4 843	32 000	12 000	-0.26	-0.40	24.53	30.80	33.01	1.00	1.07	1.00
Trave Legno 1a-6a	75.0%	39.05	1.10	2 400	-17 664	-0.07	-7 966	6 714	32 000	12 000	-0.25	-0.56	24.53	30.80	33.01	1.00	1.07	1.00
	100.0%	34.21	1.10	2 400	-17 664	-0.07	-8 093	8 113	32 000	12 000	-0.25	-0.68	24.53	30.80	33.01	1.00	1.07	1.00
	0%	62.57	1.10	2 400	-4 240	-0.02	-5 615	4 466	32 000	12 000	-0.18	-0.37	24.53	30.80	33.01	1.00	1.07	1.00
	25.0%	73.35	1.10	2 400	-4 240	-0.02	-5 019	3 703	32 000	12 000	-0.16	-0.31	24.53	30.80	33.01	1.00	1.07	1.00
	50.0%	75.67	1.10	2 400	-4 240	-0.02	-4 318	-3 735	32 000	12 000	-0.13	-0.31	24.53	30.80	33.01	1.00	1.07	1.00
	75.0%	65.93	1.10	2 400	-4 841	-0.02	-5 182	-4 225	32 000	12 000	-0.16	-0.35	24.53	30.80	33.01	1.00	1.07	1.00
Trave Legno 6a-7a	100.0%	54.72	1.10	2 400	-187	0.00	-6 785	-5 318	32 000	12 000	-0.21	-0.44	24.53	30.80	33.01	1.00	1.07	1.00
	0%	66.42	1.10	384	-3 941	-0.10	472	0	1 536	1 024	-0.31	0.00	23.15	28.93	29.04	1.10	1.10	1.10
	25.0%	16.07	1.10	384	-3 941	-0.10	-2 569	0	1 536	1 024	-1.67	0.00	23.15	28.93	29.04	1.10	1.10	1.10
	50.0%	12.37	1.10	384	-3 941	-0.10	-3 396	0	1 536	1 024	-2.21	0.00	23.15	28.93	29.04	1.10	1.10	1.10
	75.0%	16.39	1.10	384	-2 885	-0.08	-2 567	0	1 536	1 024	-1.67	0.00	23.15	28.93	29.04	1.10	1.10	1.10
	100%	72.12	1.10	384	-2 885	-0.08	472	0	1 536	1 024	-0.31	0.00	23.15	28.93	29.04	1.10	1.10	1.10
Trave Legno 2a-7a	0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	25.0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	50.0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	75.0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	100.0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
Trave Legno 6a-11a	0%	49.67	1.10	2 400	-4 400	-0.02	-8 398	-5 317	32 000	12 000	-0.26	-0.44	24.53	30.80	33.01	1.00	1.07	1.00
	25.0%	56.19	1.10	2 400	-3 452	-0.01	-5 341	-5 315	32 000	12 000	-0.17	-0.44	24.53	30.80	33.01	1.00	1.07	1.00
	50.0%	59.37	1.10	2 400	-556	0.00	-2 166	-6 025	32 000	12 000	-0.07	-0.50	24.53	30.80	33.01	1.00	1.07	1.00
	75.0%	51.75	1.10	2 400	-556	0.00	2 711	-6 854	32 000	12 000	-0.08	-0.57	24.53	30.80	33.01	1.00	1.07	1.00
	100.0%	43.46	1.10	2 400	-556	0.00	4 957	-7 682	32 000	12 000	-0.15	-0.64	24.53	30.80	33.01	1.00	1.07	1.00
Trave Legno 11a-12a	0%	90.25	1.10	384	-2 888	-0.08	348	0	1 536	1 024	-0.23	0.00	23.15	28.93	29.04	1.10	1.10	1.10
	25.0%	17.14	1.10	384	-2 888	-0.08	-2 449	0	1 536	1 024	-1.59	0.00	23.15	28.93	29.04	1.10	1.10	1.10
	50.0%	12.96	1.10	384	-2 888	-0.08	-3 285	0	1 536	1 024	-2.14	0.00	23.15	28.93	29.04	1.10	1.10	1.10
	75.0%	17.42	1.10	384	-2 072	-0.05	-2 448	0	1 536	1 024	-1.59	0.00	23.15	28.93	29.04	1.10	1.10	1.10
	100%	99.51	1.10	384	-2 072	-0.05	343	0	1 536	1 024	-0.22	0.00	23.15	28.93	29.04	1.10	1.10	1.10
Trave Legno 7a-12a	0%	22.76	1.10	2 400	-520	0.00	-26 038	-9 861	32 000	12 000	-0.81	-0.82	24.53	30.80	33.01	1.00	1.07	1.00
	25.0%	21.90	1.10	2 400	-520	0.00	-29 644	-8 767	32 000	12 000	-0.93	-0.73	24.53	30.80	33.01	1.00	1.07	1.00
	50.0%	21.05	1.10	2 400	-126	0.00	-33 000	-7 926	32 000	12 000	-1.03	-0.66	24.53	30.80	33.01	1.00	1.07	1.00
	75.0%	19.73	1.10	2 400	-126	0.00	-36 666	-7 620	32 000	12 000	-1.15	-0.64	24.53	30.80	33.01	1.00	1.07	1.00
	100.0%	16.53	1.10	2 400	-126	0.00	-46 865	-7 320	32 000	12 000	-1.46	-0.61	24.53	30.80	33.01	1.00	1.07	1.00
Trave Legno 8a-13a	0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	25.0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	50.0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	75.0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
	100.0%	-	0.00	2 400	0	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
Trave Legno 12a-13a	0%	38.80	1.10	384	-6 730	-0.18	809	0	1 536	1 024	-0.53	0.00	23.15	28.93	29.04	1.10	1.10	1.10
	25.0%	18.79	1.10	384	-6 730	-0.18	-2 029	0	1 536	1 024	-1.32	0.00	23.15	28.93	29.04	1.10	1.10	1.10
	50.0%	13.9	1.10	384	-6 730	-0.18	-2 859	0	1 536	1 024	-1.86	0.00	23.15	28.93	29.04	1.10	1.10	1.10

Travi (LG) - Verifiche per tensoflessione																		
Id _{Tr}	%L _{Lt}	CS	k _{mod}	A	N _{Ed}	σ _{t0d}	M _{Ed,3}	M _{Ed,2}	W _X	W _Y	σ _{Md,X}	σ _{Md,Y}	f _{t0d}	f _{m,X,d}	f _{m,Y,d}	K _{h,X}	K _{h,Y}	K _h
	[%]			[cm ²]	[N]	[N/mm ²]	[N-m]	[N-m]	[cm ³]	[cm ³]	[N/mm ²]	[N/mm ²]	[N/mm ²]	[N/mm ²]	[N/mm ²]			
Trave Legno 9a-14a	75.0%	18.8 1	1.10	384	-6 646	-0.17	-2 030	0	1 536	1 024	-1.32	0.00	23.15	28.93	29.04	1.10	1.10	1.10
	100%	39.0 1	1.10	384	-6 646	-0.17	807	0	1 536	1 024	-0.53	0.00	23.15	28.93	29.04	1.10	1.10	1.10
	0%	23.8 9	1.10	2 400	-3 005	-0.01	-25 57 7	8 715	32 00 0	12 00 0	-0.80	-0.73	24.53	30.80	33.01	1.00	1.07	1.00
	25.0%	23.1 5	1.10	2 400	-3 005	-0.01	-29 14 7	7 417	32 00 0	12 00 0	-0.91	-0.62	24.53	30.80	33.01	1.00	1.07	1.00
	50.0%	22.4 4	1.10	2 400	-2 557	-0.01	-32 51 9	6 296	32 00 0	12 00 0	-1.02	-0.52	24.53	30.80	33.01	1.00	1.07	1.00
Trave Legno 13a-14a	75.0%	20.3 7	1.10	2 400	-2 557	-0.01	-38 20 6	5 598	32 00 0	12 00 0	-1.19	-0.47	24.53	30.80	33.01	1.00	1.07	1.00
	100.0 %	17.2 6	1.10	2 400	-2 557	-0.01	-48 13 9	4 901	32 00 0	12 00 0	-1.50	-0.41	24.53	30.80	33.01	1.00	1.07	1.00
	0%	34.4 4	1.10	384	-7 585	-0.20	911	0	1 536	1 024	-0.59	0.00	23.15	28.93	29.04	1.10	1.10	1.10
	25.0%	18.3 2	1.10	384	-7 585	-0.20	-2 047	0	1 536	1 024	-1.33	0.00	23.15	28.93	29.04	1.10	1.10	1.10
	50.0%	13.7 9	1.10	384	-7 585	-0.20	-2 844	0	1 536	1 024	-1.85	0.00	23.15	28.93	29.04	1.10	1.10	1.10
Trave Legno 10a-15a	75.0%	18.4 1	1.10	384	-7 313	-0.19	-2 048	0	1 536	1 024	-1.33	0.00	23.15	28.93	29.04	1.10	1.10	1.10
	100.0 %	34.8 1	1.10	384	-7 313	-0.19	911	0	1 536	1 024	-0.59	0.00	23.15	28.93	29.04	1.10	1.10	1.10
	0%	35.8 5	1.10	2 400	-15 966	-0.07	-6 620	8 113	32 00 0	12 00 0	-0.21	-0.68	24.53	30.80	33.01	1.00	1.07	1.00
	25.0%	46.9 8	1.10	2 400	-19 434	-0.08	-5 715	5 517	32 00 0	12 00 0	-0.18	-0.46	24.53	30.80	33.01	1.00	1.07	1.00
	50.0%	61.5 4	1.10	2 400	-19 169	-0.08	-2 520	4 438	32 00 0	12 00 0	-0.08	-0.37	24.53	30.80	33.01	1.00	1.07	1.00
Trave Legno 32a-33a	75.0%	56.3 6	1.10	2 400	-13 562	-0.06	-1 511	-5 691	32 00 0	12 00 0	-0.05	-0.47	24.53	30.80	33.01	1.00	1.07	1.00
	100.0 %	41.1 2	1.10	2 400	-13 562	-0.06	2 425	-8 039	32 00 0	12 00 0	-0.08	-0.67	24.53	30.80	33.01	1.00	1.07	1.00
	0%	34.0 2	1.10	384	-8 957	-0.23	1 074	0	1 536	1 024	-0.70	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	25.0%	15.3 5	1.10	384	-8 957	-0.23	-2 928	0	1 536	1 024	-1.91	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	50.0%	13.1 1	1.10	384	-8 957	-0.23	-3 506	0	1 536	1 024	-2.28	0.00	26.88	33.76	33.88	1.10	1.10	1.10
Trave Legno 24a-29a	75.0%	15.5 8	1.10	384	-7 924	-0.21	-2 929	0	1 536	1 024	-1.91	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	100%	35.3 0	1.10	384	-7 924	-0.21	1 071	0	1 536	1 024	-0.70	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	0%	41.0 8	1.10	2 400	-6 732	-0.03	-6 880	-7 255	32 00 0	12 00 0	-0.22	-0.60	24.53	30.80	33.01	1.00	1.07	1.00
	25.0%	53.6 8	1.10	2 400	-6 732	-0.03	-5 243	-5 452	32 00 0	12 00 0	-0.16	-0.45	24.53	30.80	33.01	1.00	1.07	1.00
	50.0%	76.9 2	1.10	2 400	-6 732	-0.03	-3 501	-3 712	32 00 0	12 00 0	-0.11	-0.31	24.53	30.80	33.01	1.00	1.07	1.00
Trave Legno 27a-28a	75.0%	73.0 9	1.10	2 400	-779	0.00	-3 899	-4 270	32 00 0	12 00 0	-0.12	-0.36	24.53	30.80	33.01	1.00	1.07	1.00
	100%	55.1 5	1.10	2 400	-1 170	0.00	-3 615	-6 087	32 00 0	12 00 0	-0.11	-0.51	24.53	30.80	33.01	1.00	1.07	1.00
	0%	60.9 1	1.10	384	-4 983	-0.13	601	0	1 536	1 024	-0.39	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	25.0%	17.1 7	1.10	384	-4 983	-0.13	-2 769	0	1 536	1 024	-1.80	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	50.0%	13.7 1	1.10	384	-4 983	-0.13	-3 531	0	1 536	1 024	-2.30	0.00	26.88	33.76	33.88	1.10	1.10	1.10
Trave Legno 19a-24a	75.0%	17.1 9	1.10	384	-4 933	-0.13	-2 768	0	1 536	1 024	-1.80	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	100%	61.2 3	1.10	384	-4 933	-0.13	599	0	1 536	1 024	-0.39	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	0%	45.6 9	1.10	2 400	-3 070	-0.01	-3 463	-7 489	32 00 0	12 00 0	-0.11	-0.62	24.53	30.80	33.01	1.00	1.07	1.00
	25.0%	60.2 5	1.10	2 400	-3 070	-0.01	-3 487	-5 387	32 00 0	12 00 0	-0.11	-0.45	24.53	30.80	33.01	1.00	1.07	1.00
	50.0%	81.0 3	1.10	2 400	-3 051	-0.01	-3 598	-3 671	32 00 0	12 00 0	-0.11	-0.31	24.53	30.80	33.01	1.00	1.07	1.00
Trave Legno 22a-23a	75.0%	55.7 5	1.10	2 400	-3 051	-0.01	-5 105	-5 464	32 00 0	12 00 0	-0.16	-0.46	24.53	30.80	33.01	1.00	1.07	1.00
	100.0 %	42.6 4	1.10	2 400	-3 051	-0.01	-6 506	-7 255	32 00 0	12 00 0	-0.20	-0.60	24.53	30.80	33.01	1.00	1.07	1.00
	0%	41.7 1	1.10	384	-7 288	-0.19	877	0	1 536	1 024	-0.57	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	25.0%	15.1 3	1.10	384	-7 288	-0.19	-3 060	0	1 536	1 024	-1.99	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	50.0%	12.7 0	1.10	384	-7 288	-0.19	-3 716	0	1 536	1 024	-2.42	0.00	26.88	33.76	33.88	1.10	1.10	1.10
Trave Legno	75.0%	15.3 1	1.10	384	-6 552	-0.17	-3 058	0	1 536	1 024	-1.99	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	100%	42.9 5	1.10	384	-6 552	-0.17	878	0	1 536	1 024	-0.57	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	0%	42.8	1.10	2 400	-7 189	-0.03	7 578	6 625	32 00	12 00	-0.24	-0.55	24.53	30.80	33.01	1.00	1.07	1.00

Travi (LG) - Verifiche per tensoflessione																		
Id _{Tr}	%L _{Lt}	CS	k _{mod}	A	N _{Ed}	σ _{t0d}	M _{Ed,3}	M _{Ed,2}	W _X	W _Y	σ _{Md,X}	σ _{Md,Y}	f _{t0d}	f _{m,X,d}	f _{m,Y,d}	K _{h,X}	K _{h,Y}	K _h
	[%]			[cm²]	[N]	[N/mm²]	[N-m]	[N-m]	[cm³]	[cm³]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]			
9-19a		7							0	0								
	25.0%	66.08	1.10	2 400	-7 189	-0.03	5 176	4 055	32 000	12 000	-0.16	-0.34	24.53	30.80	33.01	1.00	1.07	1.00
	50.0%	82.37	1.10	2 400	-5 302	-0.02	3 158	-3 564	32 000	12 000	-0.10	-0.30	24.53	30.80	33.01	1.00	1.07	1.00
	75.0%	63.65	1.10	2 400	-21	0.00	-2 497	-5 520	32 000	12 000	-0.08	-0.46	24.53	30.80	33.01	1.00	1.07	1.00
	100.0%	45.09	1.10	2 400	-21	0.00	-4 764	-7 444	32 000	12 000	-0.15	-0.62	24.53	30.80	33.01	1.00	1.07	1.00
Trave Legno 19a-20a	0%	NS	1.10	384	-2 287	-0.06	273	0	1 536	1 024	-0.18	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	25.0%	18.65	1.10	384	-2 287	-0.06	-2 665	0	1 536	1 024	-1.74	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	50.0%	13.98	1.10	384	-2 287	-0.06	-3 593	0	1 536	1 024	-2.34	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	75.0%	18.71	1.10	384	-2 146	-0.06	-2 663	0	1 536	1 024	-1.73	0.00	26.88	33.76	33.88	1.10	1.10	1.10
Trave Legno 17a-21a	100%	NS	1.10	384	-2 146	-0.06	273	0	1 536	1 024	-0.18	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	0%	13.29	1.10	2 400	-1 741	-0.01	-65 411	-4 856	32 000	12 000	-2.04	-0.40	24.53	30.80	33.01	1.00	1.07	1.00
	25.0%	13.46	1.10	2 400	-1 741	-0.01	-65 803	-4 083	32 000	12 000	-2.06	-0.34	24.53	30.80	33.01	1.00	1.07	1.00
	50.0%	13.67	1.10	2 400	-1 741	-0.01	-66 056	-3 308	32 000	12 000	-2.06	-0.28	24.53	30.80	33.01	1.00	1.07	1.00
	75.0%	13.07	1.10	2 400	-911	0.00	-69 083	-3 544	32 000	12 000	-2.16	-0.30	24.53	30.80	33.01	1.00	1.07	1.00
	100.0%	12.50	1.10	2 400	-911	0.00	-71 963	-3 853	32 000	12 000	-2.25	-0.32	24.53	30.80	33.01	1.00	1.07	1.00
Trave Legno 20a-21a	0%	42.84	1.10	384	-7 112	-0.19	853	0	1 536	1 024	-0.56	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	25.0%	20.02	1.10	384	-7 112	-0.19	-2 232	0	1 536	1 024	-1.45	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	50.0%	14.80	1.10	384	-7 112	-0.19	-3 147	0	1 536	1 024	-2.05	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	75.0%	20.09	1.10	384	-6 996	-0.18	-2 230	0	1 536	1 024	-1.45	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	100%	43.01	1.10	384	-6 996	-0.18	854	0	1 536	1 024	-0.56	0.00	26.88	33.76	33.88	1.10	1.10	1.10
Trave Legno 18a-22a	0%	11.82	1.10	2 400	-10 648	-0.04	-62 672	-10 884	32 000	12 000	-1.96	-0.91	24.53	30.80	33.01	1.00	1.07	1.00
	25.0%	12.47	1.10	2 400	-10 648	-0.04	-62 731	-8 324	32 000	12 000	-1.96	-0.69	24.53	30.80	33.01	1.00	1.07	1.00
	50.0%	13.24	1.10	2 400	-10 648	-0.04	-62 649	-5 763	32 000	12 000	-1.96	-0.48	24.53	30.80	33.01	1.00	1.07	1.00
	75.0%	13.61	1.10	2 400	-10 197	-0.04	-64 169	-3 746	32 000	12 000	-2.01	-0.31	24.53	30.80	33.01	1.00	1.07	1.00
	100.0%	13.65	1.10	2 400	-10 197	-0.04	-66 510	-2 276	32 000	12 000	-2.08	-0.19	24.53	30.80	33.01	1.00	1.07	1.00
Trave Legno 21a-22a	0%	35.99	1.10	384	-8 452	-0.22	1 016	0	1 536	1 024	-0.66	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	25.0%	18.87	1.10	384	-8 452	-0.22	-2 323	0	1 536	1 024	-1.51	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	50.0%	14.48	1.10	384	-8 452	-0.22	-3 157	0	1 536	1 024	-2.06	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	75.0%	18.96	1.10	384	-8 242	-0.21	-2 321	0	1 536	1 024	-1.51	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	100.0%	36.21	1.10	384	-8 242	-0.21	1 018	0	1 536	1 024	-0.66	0.00	26.88	33.76	33.88	1.10	1.10	1.10
Trave Legno 24a-25a	0%	NS	1.10	384	-2 364	-0.06	285	0	1 536	1 024	-0.19	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	25.0%	19.60	1.10	384	-2 364	-0.06	-2 526	0	1 536	1 024	-1.64	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	50.0%	14.59	1.10	384	-2 364	-0.06	-3 435	0	1 536	1 024	-2.24	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	75.0%	19.65	1.10	384	-2 318	-0.06	-2 522	0	1 536	1 024	-1.64	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	100%	NS	1.10	384	-2 318	-0.06	286	0	1 536	1 024	-0.19	0.00	26.88	33.76	33.88	1.10	1.10	1.10
Trave Legno 21a-26a	0%	12.52	1.10	2 400	-3 058	-0.01	-71 479	-3 853	32 000	12 000	-2.23	-0.32	24.53	30.80	33.01	1.00	1.07	1.00
	25.0%	13.22	1.10	2 400	-3 058	-0.01	-68 816	-3 001	32 000	12 000	-2.15	-0.25	24.53	30.80	33.01	1.00	1.07	1.00
	50.0%	13.35	1.10	2 400	-2 219	-0.01	-69 830	-2 077	32 000	12 000	-2.18	-0.17	24.53	30.80	33.01	1.00	1.07	1.00
	75.0%	13.07	1.10	2 400	-2 219	-0.01	-71 147	-2 234	32 000	12 000	-2.22	-0.19	24.53	30.80	33.01	1.00	1.07	1.00
	100.0%	12.82	1.10	2 400	-2 219	-0.01	-72 350	-2 390	32 000	12 000	-2.26	-0.20	24.53	30.80	33.01	1.00	1.07	1.00
Trave Legno 25a-26a	0%	64.03	1.10	384	-4 774	-0.12	570	0	1 536	1 024	-0.37	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	25.0%	19.33	1.10	384	-4 774	-0.12	-2 443	0	1 536	1 024	-1.59	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	50.0%	14.55	1.10	384	-4 774	-0.12	-3 324	0	1 536	1 024	-2.16	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	75.0%	19.35	1.10	384	-4 735	-0.12	-2 442	0	1 536	1 024	-1.59	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	100%	64.3	1.10	384	-4 735	-0.12	568	0	1 536	1 024	-0.37	0.00	26.88	33.76	33.88	1.10	1.10	1.10

Travi (LG) - Verifiche per tensoflessione																		
Id _{Tr}	%L _{Lt}	CS	k _{mod}	A	N _{Ed}	σ _{t0d}	M _{Ed,3}	M _{Ed,2}	W _x	W _y	σ _{Md,X}	σ _{Md,Y}	f _{t0d}	f _{m,X,d}	f _{m,Y,d}	K _{h,X}	K _{h,Y}	K _h
	[%]			[cm²]	[N]	[N/mm²]	[N-m]	[N-m]	[cm³]	[cm³]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]			
Trave Legno 22a-27a	0%	4 13.3 5	1.10	2 400	-14 196	-0.06	-67 17 1	-2 447	32 00 0	12 00 0	-2.10	-0.20	24.53	30.80	33.01	1.00	1.07	1.00
	25.0%	14.1 9	1.10	2 400	-14 196	-0.06	-64 28 7	1 606	32 00 0	12 00 0	-2.01	-0.13	24.53	30.80	33.01	1.00	1.07	1.00
	50.0%	14.2 1	1.10	2 400	-13 741	-0.06	-65 09 6	1 120	32 00 0	12 00 0	-2.03	-0.09	24.53	30.80	33.01	1.00	1.07	1.00
	75.0%	14.0 0	1.10	2 400	-13 741	-0.06	-65 67 4	1 394	32 00 0	12 00 0	-2.05	-0.12	24.53	30.80	33.01	1.00	1.07	1.00
	100.0 %	13.8 1	1.10	2 400	-13 741	-0.06	-66 13 6	1 671	32 00 0	12 00 0	-2.07	-0.14	24.53	30.80	33.01	1.00	1.07	1.00
Trave Legno 26a-27a	0%	49.3 9	1.10	384	-6 146	-0.16	741	0	1 536	1 024	-0.48	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	25.0%	18.2 1	1.10	384	-6 146	-0.16	-2 539	0	1 536	1 024	-1.65	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	50.0%	14.2 5	1.10	384	-6 146	-0.16	-3 329	0	1 536	1 024	-2.17	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	75.0%	18.2 2	1.10	384	-6 132	-0.16	-2 538	0	1 536	1 024	-1.65	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	100.0 %	49.4 7	1.10	384	-6 132	-0.16	740	0	1 536	1 024	-0.48	0.00	26.88	33.76	33.88	1.10	1.10	1.10
Trave Legno 29a-30a	0%	78.7 5	1.10	384	-3 870	-0.10	464	0	1 536	1 024	-0.30	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	25.0%	19.2 8	1.10	384	-3 870	-0.10	-2 495	0	1 536	1 024	-1.62	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	50.0%	14.6 3	1.10	384	-3 870	-0.10	-3 349	0	1 536	1 024	-2.18	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	75.0%	19.4 0	1.10	384	-3 628	-0.09	-2 491	0	1 536	1 024	-1.62	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	100%	79.9 9	1.10	384	-3 628	-0.09	466	0	1 536	1 024	-0.30	0.00	26.88	33.76	33.88	1.10	1.10	1.10
Trave Legno 26a-31a	0%	12.8 5	1.10	2 400	-4 350	-0.02	-71 80 4	-2 391	32 00 0	12 00 0	-2.24	-0.20	24.53	30.80	33.01	1.00	1.07	1.00
	25.0%	14.1 9	1.10	2 400	-4 350	-0.02	-65 29 2	-1 964	32 00 0	12 00 0	-2.04	-0.16	24.53	30.80	33.01	1.00	1.07	1.00
	50.0%	14.8 3	1.10	2 400	-3 501	-0.01	-62 66 3	-1 850	32 00 0	12 00 0	-1.96	-0.15	24.53	30.80	33.01	1.00	1.07	1.00
	75.0%	14.3 3	1.10	2 400	-3 501	-0.01	-63 48 2	-2 709	32 00 0	12 00 0	-1.98	-0.23	24.53	30.80	33.01	1.00	1.07	1.00
	100.0 %	13.8 9	1.10	2 400	-3 501	-0.01	-64 18 4	-3 566	32 00 0	12 00 0	-2.01	-0.30	24.53	30.80	33.01	1.00	1.07	1.00
Trave Legno 30a-31a	0%	58.2 2	1.10	384	-5 208	-0.14	629	0	1 536	1 024	-0.41	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	25.0%	19.8 5	1.10	384	-5 208	-0.14	-2 350	0	1 536	1 024	-1.53	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	50.0%	14.8 5	1.10	384	-5 208	-0.14	-3 230	0	1 536	1 024	-2.10	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	75.0%	19.8 6	1.10	384	-5 172	-0.13	-2 351	0	1 536	1 024	-1.53	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	100%	58.5 4	1.10	384	-5 172	-0.13	626	0	1 536	1 024	-0.41	0.00	26.88	33.76	33.88	1.10	1.10	1.10
Trave Legno 27a-32a	0%	13.5 2	1.10	2 400	-17 721	-0.07	-66 78 7	1 820	32 00 0	12 00 0	-2.09	-0.15	24.53	30.80	33.01	1.00	1.07	1.00
	25.0%	15.1 1	1.10	2 400	-17 721	-0.07	-60 47 6	1 027	32 00 0	12 00 0	-1.89	-0.09	24.53	30.80	33.01	1.00	1.07	1.00
	50.0%	16.1 0	1.10	2 400	-17 721	-0.07	-57 22 4	593	32 00 0	12 00 0	-1.79	-0.05	24.53	30.80	33.01	1.00	1.07	1.00
	75.0%	15.7 5	1.10	2 400	-17 263	-0.07	-57 26 5	-1 385	32 00 0	12 00 0	-1.79	-0.12	24.53	30.80	33.01	1.00	1.07	1.00
	100.0 %	15.3 3	1.10	2 400	-17 263	-0.07	-57 23 3	-2 401	32 00 0	12 00 0	-1.79	-0.20	24.53	30.80	33.01	1.00	1.07	1.00
Trave Legno 31a-32a	0%	44.5 7	1.10	384	-6 836	-0.18	820	0	1 536	1 024	-0.53	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	25.0%	18.4 9	1.10	384	-6 836	-0.18	-2 461	0	1 536	1 024	-1.60	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	50.0%	14.4 5	1.10	384	-6 836	-0.18	-3 245	0	1 536	1 024	-2.11	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	75.0%	18.5 4	1.10	384	-6 671	-0.17	-2 462	0	1 536	1 024	-1.60	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	100.0 %	44.9 3	1.10	384	-6 671	-0.17	819	0	1 536	1 024	-0.53	0.00	26.88	33.76	33.88	1.10	1.10	1.10
Trave Legno 16a-20a	0%	12.7 4	1.10	2 400	-8 356	-0.03	-62 55 4	7 689	32 00 0	12 00 0	-1.95	-0.64	24.53	30.80	33.01	1.00	1.07	1.00
	25.0%	13.4 6	1.10	2 400	-8 356	-0.03	-62 57 4	5 297	32 00 0	12 00 0	-1.96	-0.44	24.53	30.80	33.01	1.00	1.07	1.00
	50.0%	14.2 9	1.10	2 400	-7 835	-0.03	-62 46 2	2 994	32 00 0	12 00 0	-1.95	-0.25	24.53	30.80	33.01	1.00	1.07	1.00
	75.0%	14.0 0	1.10	2 400	-7 835	-0.03	-63 86 0	-3 007	32 00 0	12 00 0	-2.00	-0.25	24.53	30.80	33.01	1.00	1.07	1.00
	100.0 %	12.9 8	1.10	2 400	-7 835	-0.03	-66 07 8	-4 897	32 00 0	12 00 0	-2.06	-0.41	24.53	30.80	33.01	1.00	1.07	1.00
Trave Legno 20a-25a	0%	12.7 2	1.10	2 400	-11 978	-0.05	-66 76 3	-5 021	32 00 0	12 00 0	-2.09	-0.42	24.53	30.80	33.01	1.00	1.07	1.00
	25.0%	13.3 2	1.10	2 400	-11 978	-0.05	-64 43 9	-4 330	32 00 0	12 00 0	-2.01	-0.36	24.53	30.80	33.01	1.00	1.07	1.00
	50.0%	13.5	1.10	2 400	-11 978	-0.05	-64 53	-3 639	32 00	12 00	-2.02	-0.30	24.53	30.80	33.01	1.00	1.07	1.00

Travi (LG) - Verifiche per tensoflessione																		
Id _{Tr}	%L _{Lt}	CS	k _{mod}	A	N _{Ed}	σ _{t0d}	M _{Ed,3}	M _{Ed,2}	W _X	W _Y	σ _{Md,X}	σ _{Md,Y}	f _{t0d}	f _{m,X,d}	f _{m,Y,d}	K _{h,X}	K _{h,Y}	K _h
	[%]			[cm ²]	[N]	[N/mm ²]	[N-m]	[N-m]	[cm ³]	[cm ³]	[N/mm ²]	[N/mm ²]	[N/mm ²]	[N/mm ²]	[N/mm ²]			
Trave Legno 25a-30a		2					5		0	0								
	75.0%	13.40	1.10	2 400	-11 404	-0.05	-64 789	-3 947	32 000	12 000	-2.02	-0.33	24.53	30.80	33.01	1.00	1.07	1.00
	100.0%	13.23	1.10	2 400	-11 978	-0.05	-65 512	-4 014	32 000	12 000	-2.05	-0.33	24.53	30.80	33.01	1.00	1.07	1.00
	0%	12.74	1.10	2 400	-15 567	-0.06	-67 236	-4 317	32 000	12 000	-2.10	-0.36	24.53	30.80	33.01	1.00	1.07	1.00
	25.0%	14.01	1.10	2 400	-15 567	-0.06	-61 491	-3 590	32 000	12 000	-1.92	-0.30	24.53	30.80	33.01	1.00	1.07	1.00
Trave Legno 28a-33a	50.0%	15.27	1.10	2 400	-15 567	-0.06	-56 438	-3 164	32 000	12 000	-1.76	-0.26	24.53	30.80	33.01	1.00	1.07	1.00
	75.0%	15.20	1.10	2 400	-14 940	-0.06	-56 004	-3 635	32 000	12 000	-1.75	-0.30	24.53	30.80	33.01	1.00	1.07	1.00
	100%	15.08	1.10	2 400	-14 940	-0.06	-55 590	-4 170	32 000	12 000	-1.74	-0.35	24.53	30.80	33.01	1.00	1.07	1.00
	0%	39.41	1.10	2 400	-9 529	-0.04	-6 876	7 477	32 000	12 000	-0.21	-0.62	24.53	30.80	33.01	1.00	1.07	1.00
	25.0%	58.06	1.10	2 400	-9 529	-0.04	-5 543	4 622	32 000	12 000	-0.17	-0.39	24.53	30.80	33.01	1.00	1.07	1.00
Trave Legno 23a-28a	50.0%	NS	1.10	2 400	-9 529	-0.04	-4 107	-2 002	32 000	12 000	-0.13	-0.17	24.53	30.80	33.01	1.00	1.07	1.00
	75.0%	88.75	1.10	2 400	-8 573	-0.04	-3 179	-2 992	32 000	12 000	-0.10	-0.25	24.53	30.80	33.01	1.00	1.07	1.00
	100.0%	51.88	1.10	2 400	-7 225	-0.03	-2 367	-6 483	32 000	12 000	-0.07	-0.54	24.53	30.80	33.01	1.00	1.07	1.00
	0%	42.70	1.10	2 400	-13 227	-0.06	-4 584	-7 098	32 000	12 000	-0.14	-0.59	24.53	30.80	33.01	1.00	1.07	1.00
	25.0%	69.98	1.10	2 400	-13 227	-0.06	-4 535	-3 495	32 000	12 000	-0.14	-0.29	24.53	30.80	33.01	1.00	1.07	1.00
Trave Legno 13-23a	50.0%	99.90	1.10	2 400	-12 269	-0.05	-4 407	1 900	32 000	12 000	-0.14	-0.16	24.53	30.80	33.01	1.00	1.07	1.00
	75.0%	58.17	1.10	2 400	-12 269	-0.05	-4 711	4 659	32 000	12 000	-0.15	-0.39	24.53	30.80	33.01	1.00	1.07	1.00
	100.0%	40.31	1.10	2 400	-11 339	-0.05	-5 637	7 478	32 000	12 000	-0.18	-0.62	24.53	30.80	33.01	1.00	1.07	1.00
	0%	31.40	1.10	2 400	-16 940	-0.07	5 492	-9 930	32 000	12 000	-0.17	-0.83	24.53	30.80	33.01	1.00	1.07	1.00
	25.0%	45.12	1.10	2 400	-16 940	-0.07	2 953	-6 808	32 000	12 000	-0.09	-0.57	24.53	30.80	33.01	1.00	1.07	1.00
Trave Legno 40a-41a	50.0%	66.01	1.10	2 400	-19 122	-0.08	666	-4 527	32 000	12 000	-0.02	-0.38	24.53	30.80	33.01	1.00	1.07	1.00
	75.0%	53.95	1.10	2 400	-15 438	-0.06	-1 834	-5 788	32 000	12 000	-0.06	-0.48	24.53	30.80	33.01	1.00	1.07	1.00
	100.0%	42.67	1.10	2 400	-15 438	-0.06	-4 077	-7 097	32 000	12 000	-0.13	-0.59	24.53	30.80	33.01	1.00	1.07	1.00
	0%	36.29	1.10	384	-8 376	-0.22	1 008	0	1 536	1 024	-0.66	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	25.0%	15.73	1.10	384	-8 376	-0.22	-2 875	0	1 536	1 024	-1.87	0.00	26.88	33.76	33.88	1.10	1.10	1.10
Trave Legno 45a-46a	50.0%	12.97	1.10	384	-8 376	-0.22	-3 578	0	1 536	1 024	-2.33	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	75.0%	16.10	1.10	384	-6 906	-0.18	-2 873	0	1 536	1 024	-1.87	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	100%	38.24	1.10	384	-6 906	-0.18	1 009	0	1 536	1 024	-0.66	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	0%	NS	1.10	384	-2 996	-0.08	359	0	1 536	1 024	-0.23	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	25.0%	18.32	1.10	384	-2 996	-0.08	-2 679	0	1 536	1 024	-1.74	0.00	26.88	33.76	33.88	1.10	1.10	1.10
Trave Legno 50a-51a	50.0%	13.80	1.10	384	-2 856	-0.07	-3 613	0	1 536	1 024	-2.35	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	75.0%	18.45	1.10	384	-2 619	-0.07	-2 678	0	1 536	1 024	-1.74	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	100%	NS	1.10	384	-2 619	-0.07	343	0	1 536	1 024	-0.22	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	0%	63.68	1.10	384	-4 783	-0.12	574	0	1 536	1 024	-0.37	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	25.0%	17.42	1.10	384	-4 783	-0.12	-2 736	0	1 536	1 024	-1.78	0.00	26.88	33.76	33.88	1.10	1.10	1.10
Trave Legno 47a-48a	50.0%	13.34	1.10	384	-4 551	-0.12	-3 659	0	1 536	1 024	-2.38	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	75.0%	17.63	1.10	384	-4 020	-0.10	-2 739	0	1 536	1 024	-1.78	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	100%	69.51	1.10	384	-4 020	-0.10	544	0	1 536	1 024	-0.35	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	0%	72.56	1.10	384	-4 193	-0.11	504	0	1 536	1 024	-0.33	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	25.0%	16.08	1.10	384	-4 193	-0.11	-3 013	0	1 536	1 024	-1.96	0.00	26.88	33.76	33.88	1.10	1.10	1.10
Trave Legno 43a-48a	50.0%	13.02	1.10	384	-4 193	-0.11	-3 772	0	1 536	1 024	-2.46	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	75.0%	16.77	1.10	384	-1 662	-0.04	-3 009	0	1 536	1 024	-1.96	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	100%	87.96	1.10	384	-1 662	-0.04	506	0	1 536	1 024	-0.33	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	0%	11.58	1.10	2 400	-31 086	-0.13	70 896	-5 177	32 000	12 000	-2.22	-0.43	24.53	30.80	33.01	1.00	1.07	1.00

Travi (LG) - Verifiche per tensoflessione																		
Id _{Tr}	%L _{Lt}	CS	k _{mod}	A	N _{Ed}	σ _{t0d}	M _{Ed,3}	M _{Ed,2}	W _x	W _y	σ _{Md,X}	σ _{Md,Y}	f _{t0d}	f _{m,X,d}	f _{m,Y,d}	K _{h,X}	K _{h,Y}	K _h
	[%]			[cm²]	[N]	[N/mm²]	[N·m]	[N·m]	[cm³]	[cm³]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]			
Trave Legno 44a-49a	25.0%	11.50	1.10	2 400	-31 086	-0.13	74 387	-3 507	32 000	12 000	-2.32	-0.29	24.53	30.80	33.01	1.00	1.07	1.00
	50.0%	11.29	1.10	2 400	-30 191	-0.13	78 133	-2 349	32 000	12 000	-2.44	-0.20	24.53	30.80	33.01	1.00	1.07	1.00
	75.0%	9.83	1.10	2 400	-21 756	-0.09	95 069	917	32 000	12 000	-2.97	-0.08	24.53	30.80	33.01	1.00	1.07	1.00
	100%	7.87	1.10	2 400	-22 651	-0.09	119 113	1 371	32 000	12 000	-3.72	-0.11	24.53	30.80	33.01	1.00	1.07	1.00
	0%	12.24	1.10	2 400	-10 643	-0.04	72 331	-3 692	32 000	12 000	-2.26	-0.31	24.53	30.80	33.01	1.00	1.07	1.00
	25.0%	12.09	1.10	2 400	-10 643	-0.04	75 121	2 635	32 000	12 000	-2.35	-0.22	24.53	30.80	33.01	1.00	1.07	1.00
	50.0%	11.27	1.10	2 400	-9 754	-0.04	81 747	2 358	32 000	12 000	-2.55	-0.20	24.53	30.80	33.01	1.00	1.07	1.00
	75.0%	8.88	1.10	2 400	-9 754	-0.04	105 763	2 047	32 000	12 000	-3.31	-0.17	24.53	30.80	33.01	1.00	1.07	1.00
Trave Legno 48a-49a	100%	7.29	1.10	2 400	-9 754	-0.04	129 899	2 141	32 000	12 000	-4.06	-0.18	24.53	30.80	33.01	1.00	1.07	1.00
	0%	56.56	1.10	384	-5 391	-0.14	646	0	1 536	1 024	-0.42	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	25.0%	19.01	1.10	384	-5 391	-0.14	-2 456	0	1 536	1 024	-1.60	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	50.0%	14.49	1.10	384	-5 391	-0.14	-3 308	0	1 536	1 024	-2.15	0.00	26.88	33.76	33.88	1.10	1.10	1.10
Trave Legno 45a-50a	75.0%	19.14	1.10	384	-5 006	-0.13	-2 457	0	1 536	1 024	-1.60	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	100%	57.97	1.10	384	-5 006	-0.13	643	0	1 536	1 024	-0.42	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	0%	11.52	1.10	2 400	-32 920	-0.14	71 027	5 180	32 000	12 000	-2.22	-0.43	24.53	30.80	33.01	1.00	1.07	1.00
	25.0%	11.40	1.10	2 400	-32 920	-0.14	73 879	4 043	32 000	12 000	-2.31	-0.34	24.53	30.80	33.01	1.00	1.07	1.00
Trave Legno 49a-50a	50.0%	11.19	1.10	2 400	-32 426	-0.14	76 830	3 325	32 000	12 000	-2.40	-0.28	24.53	30.80	33.01	1.00	1.07	1.00
	75.0%	8.93	1.10	2 400	-32 426	-0.14	100 260	2 681	32 000	12 000	-3.13	-0.22	24.53	30.80	33.01	1.00	1.07	1.00
	100%	7.39	1.10	2 400	-32 920	-0.14	124 289	2 085	32 000	12 000	-3.88	-0.17	24.53	30.80	33.01	1.00	1.07	1.00
	0%	54.21	1.10	384	-5 602	-0.15	675	0	1 536	1 024	-0.44	0.00	26.88	33.76	33.88	1.10	1.10	1.10
Trave Legno 38a-43a	25.0%	19.61	1.10	384	-5 602	-0.15	-2 363	0	1 536	1 024	-1.54	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	50.0%	14.71	1.10	384	-5 602	-0.15	-3 244	0	1 536	1 024	-2.11	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	75.0%	19.81	1.10	384	-5 046	-0.13	-2 364	0	1 536	1 024	-1.54	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	100.0%	55.91	1.10	384	-5 046	-0.13	674	0	1 536	1 024	-0.44	0.00	26.88	33.76	33.88	1.10	1.10	1.10
Trave Legno 42a-43a	0%	26.59	1.10	2 400	-27 433	-0.11	22 626	-5 654	32 000	12 000	-0.71	-0.47	24.53	30.80	33.01	1.00	1.07	1.00
	25.0%	24.94	1.10	2 400	-27 433	-0.11	25 542	-5 388	32 000	12 000	-0.80	-0.45	24.53	30.80	33.01	1.00	1.07	1.00
	50.0%	23.42	1.10	2 400	-27 433	-0.11	28 572	-5 125	32 000	12 000	-0.89	-0.43	24.53	30.80	33.01	1.00	1.07	1.00
	75.0%	17.73	1.10	2 400	-27 433	-0.11	42 515	-4 863	32 000	12 000	-1.33	-0.41	24.53	30.80	33.01	1.00	1.07	1.00
Trave Legno 39a-44a	100.0%	13.26	1.10	2 400	-27 433	-0.11	61 705	-4 597	32 000	12 000	-1.93	-0.38	24.53	30.80	33.01	1.00	1.07	1.00
	0%	NS	1.10	384	-3 028	-0.08	363	0	1 536	1 024	-0.24	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	25.0%	17.84	1.10	384	-3 028	-0.08	-2 754	0	1 536	1 024	-1.79	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	50.0%	13.81	1.10	384	-3 028	-0.08	-3 601	0	1 536	1 024	-2.34	0.00	26.88	33.76	33.88	1.10	1.10	1.10
Trave Legno 43a-44a	75.0%	18.19	1.10	384	-1 984	-0.05	-2 750	0	1 536	1 024	-1.79	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	100%	NS	1.10	384	-1 984	-0.05	364	0	1 536	1 024	-0.24	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	0%	28.22	1.10	2 400	-9 296	-0.04	23 976	-5 390	32 000	12 000	-0.75	-0.45	24.53	30.80	33.01	1.00	1.07	1.00
	25.0%	27.26	1.10	2 400	-9 296	-0.04	26 188	-4 828	32 000	12 000	-0.82	-0.40	24.53	30.80	33.01	1.00	1.07	1.00
Trave Legno 43a-44a	50.0%	24.06	1.10	2 400	-7 956	-0.03	32 181	-4 283	32 000	12 000	-1.01	-0.36	24.53	30.80	33.01	1.00	1.07	1.00
	75.0%	16.31	1.10	2 400	-8 418	-0.04	52 507	-3 729	32 000	12 000	-1.64	-0.31	24.53	30.80	33.01	1.00	1.07	1.00
	100.0%	12.21	1.10	2 400	-8 418	-0.04	72 870	-3 692	32 000	12 000	-2.28	-0.31	24.53	30.80	33.01	1.00	1.07	1.00
	0%	69.94	1.10	384	-4 348	-0.11	523	0	1 536	1 024	-0.34	0.00	26.88	33.76	33.88	1.10	1.10	1.10
Trave Legno 43a-44a	25.0%	18.77	1.10	384	-4 348	-0.11	-2 544	0	1 536	1 024	-1.66	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	50.0%	14.28	1.10	384	-4 348	-0.11	-3 412	0	1 536	1 024	-2.22	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	75.0%	18.84	1.10	384	-4 171	-0.11	-2 543	0	1 536	1 024	-1.66	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	100%	70.9	1.10	384	-4 171	-0.11	521	0	1 536	1 024	-0.34	0.00	26.88	33.76	33.88	1.10	1.10	1.10

Travi (LG) - Verifiche per tensoflessione																		
Id _{Tr}	%L _{Lt}	CS	k _{mod}	A	N _{Ed}	σ _{t0d}	M _{Ed,3}	M _{Ed,2}	W _X	W _Y	σ _{Md,X}	σ _{Md,Y}	f _{t0d}	f _{m,X,d}	f _{m,Y,d}	K _{h,X}	K _{h,Y}	K _h
	[%]			[cm ²]	[N]	[N/mm ²]	[N-m]	[N-m]	[cm ³]	[cm ³]	[N/mm ²]	[N/mm ²]	[N/mm ²]	[N/mm ²]	[N/mm ²]			
Trave Legno 40a-45a	0%	28.0 ₉	1.10	2 400	-29 335	-0.12	22 62 ₃	-4 337	32 00 ₀	12 00 ₀	-0.71	-0.36	24.53	30.80	33.01	1.00	1.07	1.00
	25.0%	26.6 ₈	1.10	2 400	-29 335	-0.12	24 99 ₂	4 043	32 00 ₀	12 00 ₀	-0.78	-0.34	24.53	30.80	33.01	1.00	1.07	1.00
	50.0%	24.5 ₃	1.10	2 400	-29 335	-0.12	27 96 ₂	4 194	32 00 ₀	12 00 ₀	-0.87	-0.35	24.53	30.80	33.01	1.00	1.07	1.00
	75.0%	16.3 ₄	1.10	2 400	-28 852	-0.12	47 64 ₄	4 503	32 00 ₀	12 00 ₀	-1.49	-0.38	24.53	30.80	33.01	1.00	1.07	1.00
	100.0 %	12.1 ₆	1.10	2 400	-28 852	-0.12	67 42 ₂	5 070	32 00 ₀	12 00 ₀	-2.11	-0.42	24.53	30.80	33.01	1.00	1.07	1.00
Trave Legno 44a-45a	0%	64.9 ₀	1.10	384	-4 697	-0.12	563	0	1 536	1 024	-0.37	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	25.0%	18.9 ₀	1.10	384	-4 697	-0.12	-2 507	0	1 536	1 024	-1.63	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	50.0%	14.3 ₄	1.10	384	-4 697	-0.12	-3 379	0	1 536	1 024	-2.20	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	75.0%	19.0 ₂	1.10	384	-4 378	-0.11	-2 506	0	1 536	1 024	-1.63	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	100.0 %	66.3 ₁	1.10	384	-4 378	-0.11	562	0	1 536	1 024	-0.37	0.00	26.88	33.76	33.88	1.10	1.10	1.10
Trave Legno 34a-38a	0%	16.1 ₀	1.10	2 400	-23 747	-0.10	-49 21 ₅	4 601	32 00 ₀	12 00 ₀	-1.54	-0.38	24.53	30.80	33.01	1.00	1.07	1.00
	25.0%	22.4 ₃	1.10	2 400	-23 747	-0.10	-33 32 ₈	3 807	32 00 ₀	12 00 ₀	-1.04	-0.32	24.53	30.80	33.01	1.00	1.07	1.00
	50.0%	36.4 ₇	1.10	2 400	-23 747	-0.10	-17 30 ₀	-3 299	32 00 ₀	12 00 ₀	-0.54	-0.27	24.53	30.80	33.01	1.00	1.07	1.00
	75.0%	45.8 ₂	1.10	2 400	-22 971	-0.10	-10 18 ₇	-4 234	32 00 ₀	12 00 ₀	-0.32	-0.35	24.53	30.80	33.01	1.00	1.07	1.00
	100.0 %	35.7 ₇	1.10	2 400	-22 971	-0.10	14 01 ₄	-5 565	32 00 ₀	12 00 ₀	-0.44	-0.46	24.53	30.80	33.01	1.00	1.07	1.00
Trave Legno 37a-38a	0%	80.7 ₀	1.10	384	-3 773	-0.10	453	0	1 536	1 024	-0.29	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	25.0%	18.5 ₆	1.10	384	-3 719	-0.10	-2 607	0	1 536	1 024	-1.70	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	50.0%	13.8 ₆	1.10	384	-3 719	-0.10	-3 553	0	1 536	1 024	-2.31	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	75.0%	18.6 ₃	1.10	384	-3 537	-0.09	-2 605	0	1 536	1 024	-1.70	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	100%	83.1 ₄	1.10	384	-3 537	-0.09	446	0	1 536	1 024	-0.29	0.00	26.88	33.76	33.88	1.10	1.10	1.10
Trave Legno 35a-39a	0%	17.4 ₇	1.10	2 400	-7 914	-0.03	-46 75 ₈	-4 776	32 00 ₀	12 00 ₀	-1.46	-0.40	24.53	30.80	33.01	1.00	1.07	1.00
	25.0%	25.2 ₆	1.10	2 400	-7 914	-0.03	-29 78 ₀	-4 542	32 00 ₀	12 00 ₀	-0.93	-0.38	24.53	30.80	33.01	1.00	1.07	1.00
	50.0%	38.7 ₂	1.10	2 400	-6 628	-0.03	-16 83 ₄	-4 311	32 00 ₀	12 00 ₀	-0.53	-0.36	24.53	30.80	33.01	1.00	1.07	1.00
	75.0%	42.2 ₇	1.10	2 400	-7 046	-0.03	-14 02 ₂	-4 658	32 00 ₀	12 00 ₀	-0.44	-0.39	24.53	30.80	33.01	1.00	1.07	1.00
	100.0 %	28.0 ₇	1.10	2 400	-7 046	-0.03	24 54 ₂	-5 389	32 00 ₀	12 00 ₀	-0.77	-0.45	24.53	30.80	33.01	1.00	1.07	1.00
Trave Legno 38a-39a	0%	53.8 ₈	1.10	384	-5 660	-0.15	678	0	1 536	1 024	-0.44	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	25.0%	19.1 ₃	1.10	384	-5 660	-0.15	-2 426	0	1 536	1 024	-1.58	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	50.0%	14.3 ₂	1.10	384	-5 660	-0.15	-3 336	0	1 536	1 024	-2.17	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	75.0%	19.2 ₀	1.10	384	-5 508	-0.14	-2 424	0	1 536	1 024	-1.58	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	100%	54.2 ₆	1.10	384	-5 508	-0.14	679	0	1 536	1 024	-0.44	0.00	26.88	33.76	33.88	1.10	1.10	1.10
Trave Legno 36a-40a	0%	15.0 ₅	1.10	2 400	-25 720	-0.11	-47 25 ₈	-7 998	32 00 ₀	12 00 ₀	-1.48	-0.67	24.53	30.80	33.01	1.00	1.07	1.00
	25.0%	21.0 ₈	1.10	2 400	-25 720	-0.11	-30 64 ₂	-6 785	32 00 ₀	12 00 ₀	-0.96	-0.57	24.53	30.80	33.01	1.00	1.07	1.00
	50.0%	33.2 ₂	1.10	2 400	-25 720	-0.11	-15 66 ₁	-5 571	32 00 ₀	12 00 ₀	-0.49	-0.46	24.53	30.80	33.01	1.00	1.07	1.00
	75.0%	40.6 ₆	1.10	2 400	-25 720	-0.11	-12 34 ₃	-4 357	32 00 ₀	12 00 ₀	-0.39	-0.36	24.53	30.80	33.01	1.00	1.07	1.00
	100.0 %	31.5 ₇	1.10	2 400	-25 243	-0.11	19 63 ₀	-4 230	32 00 ₀	12 00 ₀	-0.61	-0.35	24.53	30.80	33.01	1.00	1.07	1.00
Trave Legno 39a-40a	0%	46.4 ₂	1.10	384	-6 550	-0.17	788	0	1 536	1 024	-0.51	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	25.0%	18.6 ₃	1.10	384	-6 550	-0.17	-2 454	0	1 536	1 024	-1.60	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	50.0%	14.2 ₂	1.10	384	-6 550	-0.17	-3 316	0	1 536	1 024	-2.16	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	75.0%	18.6 ₇	1.10	384	-6 455	-0.17	-2 453	0	1 536	1 024	-1.60	0.00	26.88	33.76	33.88	1.10	1.10	1.10
	100.0 %	46.5 ₃	1.10	384	-6 455	-0.17	790	0	1 536	1 024	-0.51	0.00	26.88	33.76	33.88	1.10	1.10	1.10
Trave Legno 42a-47a	0%	44.7 ₄	1.10	2 400	-12 343	-0.05	-8 960	-5 502	32 00 ₀	12 00 ₀	-0.28	-0.46	24.53	30.80	33.01	1.00	1.07	1.00
	25.0%	52.5 ₀	1.10	2 400	-12 343	-0.05	-7 561	-4 587	32 00 ₀	12 00 ₀	-0.24	-0.38	24.53	30.80	33.01	1.00	1.07	1.00
	50.0%	62.6	1.10	2 400	-10 204	-0.04	-5 999	-3 946	32 00	12 00	-0.19	-0.33	24.53	30.80	33.01	1.00	1.07	1.00

Travi (LG) - Verifiche per tensoflessione																		
Id _{Tr}	%L _{Lt}	CS	k _{mod}	A	N _{Ed}	σ _{t0d}	M _{Ed,3}	M _{Ed,2}	W _X	W _Y	σ _{Md,X}	σ _{Md,Y}	f _{t0d}	f _{m,X,d}	f _{m,Y,d}	K _{h,X}	K _{h,Y}	K _h
	[%]			[cm²]	[N]	[N/mm²]	[N-m]	[N-m]	[cm³]	[cm³]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]			
Trave Legno 37a-42a	75.0%	70.1 1	1.10	2 400	-2 429	-0.01	-6 539	-3 647	32 00 0	12 00 0	-0.20	-0.30	24.53	30.80	33.01	1.00	1.07	1.00
	100%	68.5 0	1.10	2 400	-519	0.00	-10 40 9	-2 235	32 00 0	12 00 0	-0.33	-0.19	24.53	30.80	33.01	1.00	1.07	1.00
	0%	46.4 7	1.10	2 400	-5 910	-0.02	4 001	-7 001	32 00 0	12 00 0	-0.13	-0.58	24.53	30.80	33.01	1.00	1.07	1.00
	25.0%	54.5 2	1.10	2 400	-5 910	-0.02	-1 938	-6 323	32 00 0	12 00 0	-0.06	-0.53	24.53	30.80	33.01	1.00	1.07	1.00
	50.0%	59.2 0	1.10	2 400	-5 910	-0.02	-2 290	-5 649	32 00 0	12 00 0	-0.07	-0.47	24.53	30.80	33.01	1.00	1.07	1.00
Trave Legno 18-37a	75.0%	55.7 9	1.10	2 400	-8 516	-0.04	-4 714	-5 201	32 00 0	12 00 0	-0.15	-0.43	24.53	30.80	33.01	1.00	1.07	1.00
	100.0 %	48.9 9	1.10	2 400	-3 154	-0.01	-8 426	-5 503	32 00 0	12 00 0	-0.26	-0.46	24.53	30.80	33.01	1.00	1.07	1.00
	0%	34.3 7	1.10	2 400	-5 419	-0.02	15 25 4	6 870	32 00 0	12 00 0	-0.48	-0.57	24.53	30.80	33.01	1.00	1.07	1.00
	25.0%	46.6 3	1.10	2 400	-5 419	-0.02	11 57 4	4 875	32 00 0	12 00 0	-0.36	-0.41	24.53	30.80	33.01	1.00	1.07	1.00
	50.0%	70.1 6	1.10	2 400	-8 480	-0.04	7 914	2 707	32 00 0	12 00 0	-0.25	-0.23	24.53	30.80	33.01	1.00	1.07	1.00
Trave Legno 22-41a	75.0%	67.0 1	1.10	2 400	-4 719	-0.02	7 513	-3 480	32 00 0	12 00 0	-0.23	-0.29	24.53	30.80	33.01	1.00	1.07	1.00
	100.0 %	45.3 2	1.10	2 400	-2 261	-0.01	5 646	-7 001	32 00 0	12 00 0	-0.18	-0.58	24.53	30.80	33.01	1.00	1.07	1.00
	0%	28.6 7	1.10	2 400	-12 351	-0.05	15 92 8	-8 504	32 00 0	12 00 0	-0.50	-0.71	24.53	30.80	33.01	1.00	1.07	1.00
	25.0%	36.6 1	1.10	2 400	-13 300	-0.06	13 09 4	-6 241	32 00 0	12 00 0	-0.41	-0.52	24.53	30.80	33.01	1.00	1.07	1.00
	50.0%	42.0 9	1.10	2 400	-11 500	-0.05	9 742	-5 896	32 00 0	12 00 0	-0.30	-0.49	24.53	30.80	33.01	1.00	1.07	1.00
Trave Legno 41a-46a	75.0%	42.6 6	1.10	2 400	-11 500	-0.05	7 697	-6 346	32 00 0	12 00 0	-0.24	-0.53	24.53	30.80	33.01	1.00	1.07	1.00
	100.0 %	43.1 3	1.10	2 400	-11 500	-0.05	5 751	-6 793	32 00 0	12 00 0	-0.18	-0.57	24.53	30.80	33.01	1.00	1.07	1.00
	0%	46.4 3	1.10	2 400	-8 651	-0.04	4 106	-6 794	32 00 0	12 00 0	-0.13	-0.57	24.53	30.80	33.01	1.00	1.07	1.00
	25.0%	59.9 7	1.10	2 400	-8 651	-0.04	2 254	5 389	32 00 0	12 00 0	-0.07	-0.45	24.53	30.80	33.01	1.00	1.07	1.00
	50.0%	72.1 3	1.10	2 400	-9 389	-0.04	-421	4 742	32 00 0	12 00 0	-0.01	-0.40	24.53	30.80	33.01	1.00	1.07	1.00
Trave Legno 46a-51a	75.0%	55.4 9	1.10	2 400	-7 388	-0.03	-2 350	5 981	32 00 0	12 00 0	-0.07	-0.50	24.53	30.80	33.01	1.00	1.07	1.00
	100.0 %	40.0 7	1.10	2 400	-7 388	-0.03	-4 079	8 240	32 00 0	12 00 0	-0.13	-0.69	24.53	30.80	33.01	1.00	1.07	1.00
	0%	39.5 4	1.10	2 400	-9 177	-0.04	-4 126	8 240	32 00 0	12 00 0	-0.13	-0.69	24.53	30.80	33.01	1.00	1.07	1.00
	25.0%	45.1 4	1.10	2 400	-9 177	-0.04	-4 041	7 022	32 00 0	12 00 0	-0.13	-0.59	24.53	30.80	33.01	1.00	1.07	1.00
	50.0%	52.7 9	1.10	2 400	-9 177	-0.04	-3 851	5 803	32 00 0	12 00 0	-0.12	-0.48	24.53	30.80	33.01	1.00	1.07	1.00
Trave Legno 48a-27	75.0%	59.0 1	1.10	2 400	-7 090	-0.03	-4 979	4 835	32 00 0	12 00 0	-0.16	-0.40	24.53	30.80	33.01	1.00	1.07	1.00
	100%	59.1 3	1.10	2 400	-6 882	-0.03	-5 648	4 647	32 00 0	12 00 0	-0.18	-0.39	24.53	30.80	33.01	1.00	1.07	1.00
	0%	7.23	1.10	2 400	-34 653	-0.14	127 8 57	1 507	32 00 0	12 00 0	-4.00	-0.13	24.53	30.80	33.01	1.00	1.07	1.00
	24.8%	7.64	1.10	2 400	-34 653	-0.14	120 2 30	1 712	32 00 0	12 00 0	-3.76	-0.14	24.53	30.80	33.01	1.00	1.07	1.00
	50.0%	8.06	1.10	2 400	-33 703	-0.14	112 6 38	2 280	32 00 0	12 00 0	-3.52	-0.19	24.53	30.80	33.01	1.00	1.07	1.00
Trave Legno 49a-28	74.8%	7.76	1.10	2 400	-33 703	-0.14	115 4 86	3 395	32 00 0	12 00 0	-3.61	-0.28	24.53	30.80	33.01	1.00	1.07	1.00
	100%	6.94	1.10	2 400	-33 703	-0.14	128 5 64	4 509	32 00 0	12 00 0	-4.02	-0.38	24.53	30.80	33.01	1.00	1.07	1.00
	0%	7.29	1.10	2 400	-11 909	-0.05	129 4 04	2 142	32 00 0	12 00 0	-4.04	-0.18	24.53	30.80	33.01	1.00	1.07	1.00
	24.8%	7.77	1.10	2 400	-11 909	-0.05	121 2 37	2 110	32 00 0	12 00 0	-3.79	-0.18	24.53	30.80	33.01	1.00	1.07	1.00
	50.0%	8.22	1.10	2 400	-11 011	-0.05	113 8 52	2 423	32 00 0	12 00 0	-3.56	-0.20	24.53	30.80	33.01	1.00	1.07	1.00
Trave Legno 27-28	74.8%	7.23	1.10	2 400	-11 011	-0.05	128 4 49	3 445	32 00 0	12 00 0	-4.01	-0.29	24.53	30.80	33.01	1.00	1.07	1.00
	100%	6.46	1.10	2 400	-11 011	-0.05	143 0 51	4 464	32 00 0	12 00 0	-4.47	-0.37	24.53	30.80	33.01	1.00	1.07	1.00
	0%	42.0 3	1.10	2 400	-115	0.00	19 02 1	2 533	32 00 0	12 00 0	-0.59	-0.21	24.53	30.80	33.01	1.00	1.07	1.00
	25.0%	83.2 7	1.10	2 400	-115	0.00	-9 537	1 309	32 00 0	12 00 0	-0.30	-0.11	24.53	30.80	33.01	1.00	1.07	1.00
	50.0%	NS	1.10	2 400	-115	0.00	-2 739	125	32 00 0	12 00 0	-0.09	-0.01	24.53	30.80	33.01	1.00	1.07	1.00
Trave Legno	75.0%	NS	1.10	2 400	-115	0.00	2 575	-213	32 00 0	12 00 0	-0.08	-0.02	24.53	30.80	33.01	1.00	1.07	1.00
	100%	99.1 4	1.10	2 400	-115	0.00	9 203	-413	32 00 0	12 00 0	-0.29	-0.03	24.53	30.80	33.01	1.00	1.07	1.00
	0%	7.14	1.10	2 400	-36 421	-0.15	128 1	2 204	32 00	12 00	-4.01	-0.18	24.53	30.80	33.01	1.00	1.07	1.00

Travi (LG) - Verifiche per tensoflessione																		
Id _{Tr}	%L _{Li}	CS	k _{mod}	A	N _{Ed}	σ _{td}	M _{Ed,3}	M _{Ed,2}	W _X	W _Y	σ _{Md,X}	σ _{Md,Y}	f _{td}	f _{m,X,d}	f _{m,Y,d}	K _{h,X}	K _{h,Y}	K _h
	[%]			[cm ²]	[N]	[N/mm ²]	[N-m]	[N-m]	[cm ³]	[cm ³]	[N/mm ²]	[N/mm ²]	[N/mm ²]	[N/mm ²]	[N/mm ²]			
50a-29							77		0	0								
	24.8%	7.61	1.10	2 400	-36 421	-0.15	119 8	2 065	32 00	12 00	-3.75	-0.17	24.53	30.80	33.01	1.00	1.07	1.00
							52		0	0								
	50.0%	8.11	1.10	2 400	-35 918	-0.15	111 5	2 331	32 00	12 00	-3.49	-0.19	24.53	30.80	33.01	1.00	1.07	1.00
							30		0	0								
	74.8%	7.32	1.10	2 400	-35 918	-0.15	123 1	3 096	32 00	12 00	-3.85	-0.26	24.53	30.80	33.01	1.00	1.07	1.00
							66		0	0								
	100%	6.55	1.10	2 400	-35 918	-0.15	137 6	3 860	32 00	12 00	-4.30	-0.32	24.53	30.80	33.01	1.00	1.07	1.00
							99		0	0								

LEGENDA:

Id _{Tr}	Identificativo della trave.
%L _{Li}	Posizione della sezione per la quale vengono forniti i valori di verifica, valutata come % della lunghezza libera d'inflessione (L _{Li}), a partire dall'estremo iniziale.
CS	Coefficiente di sicurezza ([NS] = Non Significativo se CS ≥ 100; [VNR]= Verifica Non Richiesta; Informazioni aggiuntive sulla condizione: [V] = statica; [E] = eccezionale; [S] = sismica; [N] = sismica non lineare).
k _{mod}	Coefficiente di riduzione per Classe di Servizio e di Durata del carico.
A	Area della sezione.
N _{Ed}	Sforzo normale di progetto.
σ _{td}	Tensione di progetto a trazione in direzione parallela alla fibratura.
M _{Ed,3}	Momento flettente di progetto intorno a 3.
M _{Ed,2}	Momento flettente di progetto intorno a 2.
W _X	Modulo di resistenza rispetto alla direzione locale X.
W _Y	Modulo di resistenza rispetto alla direzione locale Y.
σ _{Md,X}	Tensione per Momento di progetto rispetto alla direzione locale X.
σ _{Md,Y}	Tensione per Momento di progetto rispetto alla direzione locale Y.
f _{td}	Tensione resistente a trazione in direzione parallela alla fibratura.
f _{m,X,d}	Tensione resistente per Flessione rispetto alla direzione locale X.
f _{m,Y,d}	Tensione resistente per Flessione rispetto alla direzione locale Y.
K _{h,X}	Coefficiente di amplificazione della resistenza a flessione rispetto alla direzione locale X.
K _{h,Y}	Coefficiente di amplificazione della resistenza a flessione rispetto alla direzione locale Y.
K _h	Coefficiente di amplificazione della resistenza per flessione e trazione.

TRAVI (LG) - VERIFICHE PER TAGLIO E TORSIONE (Elevazione) allo SLD

Travi (LG) - Verifiche per taglio e torsione													
Id _{Tr}	%L _{Li}	CS _{v,T}	CS _v	CS _T	k _{mod}	A	V _{Ed,3}	V _{Ed,2}	T _{Ed}	τ _{V,Ed}	τ _{T,Ed}	f _{vd}	
	[%]					[cm ²]	[N]	[N]	[N-m]	[N/mm ²]	[N/mm ²]	[N/mm ²]	
Piano copertura						Piano copertura							
Trave Legno 47a-26	0%	NS	74.91	NS	1.10	2 400	4 306	-3 995	325	0.05	0.02	3.85	
	24.9%	NS	72.79	NS	1.10	2 400	4 306	-4 242	325	0.05	0.02	3.85	
	50.0%	NS	70.69	NS	1.10	2 400	4 306	-4 495	325	0.05	0.02	3.85	
	74.9%	NS	68.64	NS	1.10	2 400	4 306	-4 749	325	0.06	0.02	3.85	
	100%	NS	66.67	NS	1.10	2 400	4 306	-5 002	325	0.06	0.02	3.85	
Trave Legno 11a-9	0%	27.23	40.82	27.68	1.10	2 400	6 556	-8 557	3 657	0.09	0.19	3.85	
	25.0%	27.21	40.08	27.68	1.10	2 400	6 556	-8 807	3 657	0.10	0.19	3.85	
	50.0%	27.20	39.33	27.68	1.10	2 400	6 556	-9 065	3 657	0.10	0.19	3.85	
	75.0%	27.18	38.61	27.68	1.10	2 400	6 556	-9 322	3 657	0.10	0.19	3.85	
	100.0%	27.16	37.91	27.68	1.10	2 400	6 556	-9 579	3 657	0.10	0.19	3.85	
Trave Legno 29a-18	0%	43.91	46.02	44.84	1.10	2 400	7 104	-6 400	2 258	0.08	0.12	3.85	
	24.9%	43.87	45.13	44.84	1.10	2 400	7 104	-6 676	2 258	0.09	0.12	3.85	
	50.0%	43.83	44.24	44.84	1.10	2 400	7 104	-6 960	2 258	0.09	0.12	3.85	
	74.9%	43.79	43.37	44.84	1.10	2 400	7 104	-7 244	2 258	0.09	0.12	3.85	
	100%	43.75	42.51	44.84	1.10	2 400	7 104	-7 527	2 258	0.09	0.12	3.85	
Trave Legno 18a-13	0%	14.69	81.03	14.72	1.10	2 400	14	5 387	6 878	0.05	0.37	3.85	
	25.0%	14.71	NS	14.72	1.10	2 400	14	2 904	6 878	0.03	0.37	3.85	
	50.0%	14.72	NS	14.72	1.10	2 400	14	254	6 878	0.00	0.37	3.85	
	75.0%	14.71	NS	14.72	1.10	2 400	14	-2 593	6 878	0.02	0.37	3.85	
	100%	14.69	83.25	14.72	1.10	2 400	14	-5 242	6 878	0.05	0.37	3.85	
Trave Legno 12a-16a	0%	12.72	18.53	13.12	1.10	2 400	7 182	20 344	7 717	0.19	0.41	3.85	
	25.0%	12.73	18.80	13.12	1.10	2 400	7 182	19 985	7 717	0.19	0.41	3.85	
	50.0%	12.74	19.09	13.12	1.10	2 400	7 182	19 612	7 717	0.18	0.41	3.85	
	75.0%	12.75	19.39	13.12	1.10	2 400	7 182	19 240	7 717	0.18	0.41	3.85	
	100.0%	12.77	19.67	13.12	1.10	2 400	7 182	18 893	7 717	0.18	0.41	3.85	
Trave Legno 9-16a	0%	14.32	84.48	14.35	1.10	2 400	11	5 166	7 056	0.05	0.38	3.85	
	25.0%	14.34	NS	14.35	1.10	2 400	11	2 545	7 056	0.02	0.38	3.85	
	50.0%	14.35	NS	14.35	1.10	2 400	11	-252	7 056	0.00	0.38	3.85	
	75.0%	14.34	NS	14.35	1.10	2 400	11	-2 874	7 056	0.03	0.38	3.85	
	100%	14.32	81.89	14.35	1.10	2 400	11	-5 331	7 056	0.05	0.38	3.85	
Trave Legno 13a-17a	0%	26.02	20.16	27.44	1.10	2 400	-1 965	21 737	3 689	0.19	0.20	3.85	
	25.0%	26.07	20.50	27.44	1.10	2 400	-1 965	21 378	3 689	0.19	0.20	3.85	
	50.0%	26.12	20.86	27.44	1.10	2 400	-1 965	21 005	3 689	0.18	0.20	3.85	
	75.0%	26.17	21.23	27.44	1.10	2 400	-1 965	20 633	3 689	0.18	0.20	3.85	
	100.0%	26.22	21.59	27.44	1.10	2 400	-1 965	20 286	3 689	0.18	0.20	3.85	
Trave Legno 16a-17a	0%	NS	81.95	NS	1.10	2 400	19	5 369	652	0.05	0.03	3.85	
	25.0%	NS	NS	NS	1.10	2 400	10	2 723	733	0.02	0.04	3.85	
	50.0%	NS	NS	NS	1.10	2 400	10	-132	733	0.00	0.04	3.85	
	75.0%	NS	NS	NS	1.10	2 400	10	-2 893	733	0.03	0.04	3.85	
	100%	NS	79.45	NS	1.10	2 400	19	-5 538	652	0.05	0.03	3.85	
Trave Legno 14a-18a	0%	14.62	18.59	15.17	1.10	2 400	-9 467	19 746	6 672	0.19	0.36	3.85	
	25.0%	14.64	18.85	15.17	1.10	2 400	-9 467	19 387	6 672	0.19	0.36	3.85	
	50.0%	14.66	19.14	15.17	1.10	2 400	-9 467	19 014	6 672	0.19	0.36	3.85	
	75.0%	14.67	19.43	15.17	1.10	2 400	-9 467	18 642	6 672	0.18	0.36	3.85	
	100.0%	14.69	19.71	15.17	1.10	2 400	-9 467	18 295	6 672	0.18	0.36	3.85	
Trave Legno 17a-18a	0%	NS	80.12	NS	1.10	2 400	22	5 492	695	0.05	0.04	3.85	
	25.0%	NS	NS	NS	1.10	2 400	13	2 865	741	0.03	0.04	3.85	
	50.0%	NS	NS	NS	1.10	2 400	13	104	741	0.00	0.04	3.85	

Travi (LG) - Verifiche per taglio e torsione												
Id _{Tr}	%L _{Lt}	CS _{v,T}	CS _v	CS _T	k _{mod}	A	V _{Ed,3}	V _{Ed,2}	T _{Ed}	τ _{V,Ed}	τ _{T,Ed}	f _{vd}
	[%]					[cm ²]	[N]	[N]	[N-m]	[N/mm ²]	[N/mm ²]	[N/mm ²]
Trave Legno 36a-22	75.0%	NS	NS	NS	1.10	2 400	13	-2 737	741	0.02	0.04	3.85
	100.0%	NS	82.04	NS	1.10	2 400	22	-5 363	695	0.05	0.04	3.85
	0%	13.47	77.67	13.50	1.10	2 400	-10	5 665	7 500	0.05	0.40	3.85
	25.0%	13.49	NS	13.50	1.10	2 400	-10	3 141	7 500	0.03	0.40	3.85
	50.0%	13.50	NS	13.50	1.10	2 400	-10	445	7 500	0.00	0.40	3.85
Trave Legno 30a-34a	75.0%	13.49	NS	13.50	1.10	2 400	-10	-2 626	7 500	0.02	0.40	3.85
	100%	13.47	82.69	13.50	1.10	2 400	-10	-5 321	7 500	0.05	0.40	3.85
	0%	18.52	20.65	19.20	1.10	2 400	3 626	-18 808	5 274	0.17	0.28	3.85
	25.0%	18.50	20.29	19.20	1.10	2 400	3 626	-19 195	5 274	0.17	0.28	3.85
	50.0%	18.47	19.93	19.20	1.10	2 400	3 626	-19 596	5 274	0.17	0.28	3.85
Trave Legno 18-34a	75.0%	18.44	19.57	19.20	1.10	2 400	3 626	-19 997	5 274	0.18	0.28	3.85
	100%	18.41	19.26	19.20	1.10	2 400	3 626	-20 372	5 274	0.18	0.28	3.85
	0%	13.30	83.14	13.32	1.10	2 400	-27	5 292	7 598	0.05	0.40	3.85
	25.0%	13.32	NS	13.32	1.10	2 400	-27	2 624	7 598	0.02	0.40	3.85
	50.0%	13.32	NS	13.32	1.10	2 400	-27	-523	7 598	0.00	0.40	3.85
Trave Legno 31a-35a	75.0%	13.31	NS	13.32	1.10	2 400	-27	-3 191	7 598	0.03	0.40	3.85
	100%	13.29	77.34	13.32	1.10	2 400	-27	-5 689	7 598	0.05	0.40	3.85
	0%	24.22	22.00	25.22	1.10	2 400	-957	-19 973	4 014	0.17	0.21	3.85
	25.0%	24.18	21.59	25.22	1.10	2 400	-957	-20 360	4 014	0.18	0.21	3.85
	50.0%	24.13	21.17	25.22	1.10	2 400	-957	-20 761	4 014	0.18	0.21	3.85
Trave Legno 34a-35a	75.0%	24.09	20.77	25.22	1.10	2 400	-957	-21 162	4 014	0.19	0.21	3.85
	100%	24.04	20.41	25.22	1.10	2 400	-957	-21 537	4 014	0.19	0.21	3.85
	0%	NS	79.52	NS	1.10	2 400	-23	5 533	587	0.05	0.03	3.85
	25.0%	NS	NS	NS	1.10	2 400	-23	2 895	587	0.03	0.03	3.85
	50.0%	NS	NS	NS	1.10	2 400	-18	-294	617	0.00	0.03	3.85
Trave Legno 32a-36a	75.0%	NS	NS	NS	1.10	2 400	-23	-3 177	587	0.03	0.03	3.85
	100%	NS	75.69	NS	1.10	2 400	-23	-5 813	587	0.05	0.03	3.85
	0%	19.87	20.48	20.67	1.10	2 400	-5 391	-18 544	4 899	0.17	0.26	3.85
	25.0%	19.84	20.13	20.67	1.10	2 400	-5 391	-18 931	4 899	0.17	0.26	3.85
	50.0%	19.81	19.77	20.67	1.10	2 400	-4 448	-21 804	4 899	0.19	0.26	3.85
Trave Legno 35a-36a	75.0%	19.78	19.43	20.67	1.10	2 400	-4 448	-22 205	4 899	0.20	0.26	3.85
	100%	19.75	19.12	20.67	1.10	2 400	-4 448	-22 580	4 899	0.20	0.26	3.85
	0%	NS	76.68	NS	1.10	2 400	-21	5 738	564	0.05	0.03	3.85
	25.0%	NS	NS	NS	1.10	2 400	-21	3 100	564	0.03	0.03	3.85
	50.0%	NS	NS	NS	1.10	2 400	-14	239	575	0.00	0.03	3.85
Trave Legno 4-5	75.0%	NS	NS	NS	1.10	2 400	-21	-2 908	564	0.03	0.03	3.85
	100.0%	NS	79.36	NS	1.10	2 400	-21	-5 544	564	0.05	0.03	3.85
	0%	30.24	55.78	30.48	1.10	2 400	-2 414	6 765	3 321	0.06	0.18	3.85
	25.0%	30.35	72.79	30.48	1.10	2 400	-2 414	4 826	3 321	0.05	0.18	3.85
	50.0%	30.42	NS	30.48	1.10	2 400	-2 414	2 888	3 321	0.03	0.18	3.85
Trave Legno 2-3	75.0%	30.44	NS	30.48	1.10	2 400	-2 414	-1 886	3 321	0.03	0.18	3.85
	100%	30.39	85.94	30.48	1.10	2 400	-2 414	-3 824	3 321	0.04	0.18	3.85
	0%	NS	44.76	NS	1.10	2 400	1 570	9 703	578	0.09	0.03	3.85
	25.0%	NS	55.55	NS	1.10	2 400	1 570	7 764	578	0.07	0.03	3.85
	50.0%	NS	46.81	NS	1.10	2 400	1 570	-9 268	578	0.08	0.03	3.85
Trave Legno 3-4	75.0%	NS	38.88	NS	1.10	2 400	1 570	-11 208	578	0.10	0.03	3.85
	100%	NS	33.23	NS	1.10	2 400	1 570	-13 146	578	0.12	0.03	3.85
	0%	NS	41.45	NS	1.10	2 400	-1 071	10 562	710	0.09	0.04	3.85
	25.0%	NS	50.64	NS	1.10	2 400	-1 071	8 622	710	0.08	0.04	3.85
	50.0%	NS	64.99	NS	1.10	2 400	-1 071	6 685	710	0.06	0.04	3.85
Trave Legno 1-2	75.0%	NS	56.10	NS	1.10	2 400	-1 071	-7 770	710	0.07	0.04	3.85
	100.0%	NS	45.05	NS	1.10	2 400	-1 071	-9 707	710	0.09	0.04	3.85
	0%	29.48	NS	29.55	1.10	2 400	2 373	3 084	3 426	0.03	0.18	3.85
	25.0%	29.51	NS	29.55	1.10	2 400	2 373	-1 708	3 426	0.03	0.18	3.85
	50.0%	29.47	91.40	29.55	1.10	2 400	2 373	-3 626	3 426	0.04	0.18	3.85
Trave Legno 51a-30	75.0%	29.39	66.72	29.55	1.10	2 400	2 373	-5 543	3 426	0.05	0.18	3.85
	100%	29.28	52.16	29.55	1.10	2 400	2 373	-7 460	3 426	0.07	0.18	3.85
	0%	NS	61.65	NS	1.10	2 400	-6 104	-3 699	307	0.06	0.02	3.85
	25.0%	NS	60.27	NS	1.10	2 400	-6 104	-4 005	307	0.06	0.02	3.85
	50.0%	NS	58.84	NS	1.10	2 400	-6 104	-4 319	307	0.07	0.02	3.85
Trave Legno 33a-22	75.0%	NS	57.42	NS	1.10	2 400	-6 104	-4 632	307	0.07	0.02	3.85
	100%	NS	56.01	NS	1.10	2 400	-6 104	-4 945	307	0.07	0.02	3.85
	0%	21.29	30.06	21.80	1.10	2 400	-12 654	-7 353	4 644	0.13	0.25	3.85
	25.0%	21.28	29.75	21.80	1.10	2 400	-12 654	-7 659	4 644	0.13	0.25	3.85
	50.0%	21.26	29.42	21.80	1.10	2 400	-12 654	-7 973	4 644	0.13	0.25	3.85
Trave Legno 15a-13	75.0%	21.25	29.09	21.80	1.10	2 400	-12 654	-8 286	4 644	0.13	0.25	3.85
	100%	21.24	28.76	21.80	1.10	2 400	-12 654	-8 599	4 644	0.13	0.25	3.85
	0%	15.78	30.59	16.05	1.10	2 400	-11 360	-8 820	6 309	0.13	0.34	3.85
	25.0%	15.77	30.23	16.05	1.10	2 400	-11 360	-9 100	6 309	0.13	0.34	3.85
	50.0%	15.76	29.86	16.05	1.10	2 400	-11 360	-9 387	6 309	0.13	0.34	3.85
Trave Legno 29-30	75.0%	15.76	29.49	16.05	1.10	2 400	-11 360	-9 675	6 309	0.13	0.34	3.85
	100.0%	15.75	29.12	16.05	1.10	2 400	-11 360	-9 961	6 309	0.13	0.34	3.85
	0%	21.05	55.74	21.18	1.10	2 400	2 055	7 211	4 780	0.07	0.25	3.85
	25.0%	21.10	72.55	21.18	1.10	2 400	2 055	5 310	4 780	0.05	0.25	3.85
	50.0%	21.14	NS	21.18	1.10	2 400	2 055	3 409	4 780	0.03	0.25	3.85
Trave Legno 28-29	75.0%	21.16	NS	21.18	1.10	2 400	2 055	1 508	4 780	0.02	0.25	3.85
	100%	21.14	NS	21.18	1.10	2 400	2 055	-3 355	4 780	0.03	0.25	3.85
	0%	96.59	50.00	98.87	1.10	2 400	1 014	8 741	954	0.08	0.05	3.85
	25.0%	97.66	63.64	98.87	1.10	2 400	1 014	6 839	954	0.06	0.05	3.85
	50.0%	97.88	68.50	98.87	1.10	2 400	1 014	-6 343	954	0.06	0.05	3.85
Trave Legno 26-27	75.0%	96.90	52.97	98.87	1.10	2 400	1 014	-8 245	954	0.07	0.05	3.85
	100.0%	95.59	43.16	98.87	1.10	2 400	1 014	-10 145	954	0.09	0.05	3.85
	0%	21.35	NS	21.39	1.10	2 400	-2 571	3 037	4 733	0.03	0.25	3.85
	25.0%	21.37	NS	21.39	1.10	2 400	-2 571	1 157	4 733	0.02	0.25	3.85
	50.0%	21.36	NS	21.39	1.10	2 400	-2 571	-2 618	4 733	0.03	0.25	3.85
	75.0%	21.33	80.20	21.39	1.10	2 400	-2 571	-4 497	4 733	0.05	0.25	3.85

Travi (LG) - Verifiche per taglio e torsione

Id _{Tr}	%L _{Lt}	CS _{v,T}	CS _v	CS _T	k _{mod}	A	V _{Ed,3}	V _{Ed,2}	T _{Ed}	τ _{V,Ed}	τ _{T,Ed}	f _{vd}
	[%]					[cm ²]	[N]	[N]	[N·m]	[N/mm ²]	[N/mm ²]	[N/mm ²]
Trave Legno 4a-5a	100%	21.28	60.97	21.39	1.10	2 400	-2 571	-6 377	4 733	0.06	0.25	3.85
	0%	NS	24.53	NS	1.10	384	0	2 870	7	0.16	0.00	3.85
	25.0%	NS	46.50	NS	1.10	384	0	1 514	7	0.08	0.00	3.85
	50.0%	-	-	NS	1.10	384	0	0	7	0.00	0.00	0.00
	75.0%	NS	46.50	NS	1.10	384	0	-1 514	7	0.08	0.00	3.85
Trave Legno 9a-10a	100%	NS	24.51	NS	1.10	384	0	-2 872	7	0.16	0.00	3.85
	0%	NS	25.21	NS	1.10	384	0	2 792	9	0.15	0.01	3.85
	25.0%	NS	47.83	NS	1.10	384	0	1 472	9	0.08	0.01	3.85
	50.0%	NS	NS	NS	1.10	384	0	-1	9	0.00	0.01	3.85
	75.0%	NS	47.76	NS	1.10	384	0	-1 474	9	0.08	0.01	3.85
Trave Legno 14a-15a	100%	NS	25.20	NS	1.10	384	0	-2 794	9	0.15	0.01	3.85
	0%	NS	26.13	NS	1.10	384	0	2 694	7	0.15	0.00	3.85
	25.0%	NS	49.58	NS	1.10	384	0	1 420	7	0.08	0.00	3.85
	50.0%	-	-	NS	1.10	384	0	0	7	0.00	0.00	0.00
	75.0%	NS	49.54	NS	1.10	384	0	-1 421	7	0.08	0.00	3.85
Trave Legno 3-3a	100%	NS	26.13	NS	1.10	384	0	-2 694	7	0.15	0.00	3.85
	0%	17.58	10.27	20.79	1.10	2 400	-8 939	41 918	4 870	0.38	0.26	3.85
	25.0%	17.60	10.30	20.79	1.10	2 400	-8 939	41 781	4 870	0.37	0.26	3.85
	50.0%	17.62	10.33	20.79	1.10	2 400	-8 939	41 646	4 870	0.37	0.26	3.85
	75.1%	17.63	10.36	20.79	1.10	2 400	-8 939	41 509	4 870	0.37	0.26	3.85
Trave Legno 2a-3a	100%	17.65	10.39	20.79	1.10	2 400	-8 939	41 374	4 870	0.37	0.26	3.85
	0%	-	24.53	-	1.10	384	0	2 870	0	0.16	0.00	3.85
	25.0%	-	46.50	-	1.10	384	0	1 514	0	0.08	0.00	3.85
	50.0%	-	-	-	0.00	384	0	0	0	0.00	0.00	0.00
	75.0%	-	46.50	-	1.10	384	0	-1 514	0	0.08	0.00	3.85
Trave Legno 4-4a	100%	-	24.51	-	1.10	384	0	-2 872	0	0.16	0.00	3.85
	0%	7.08	9.55	7.64	1.10	2 400	20 052	39 979	13 251	0.39	0.71	3.85
	25.0%	7.08	9.58	7.64	1.10	2 400	20 052	39 842	13 251	0.39	0.71	3.85
	50.0%	7.09	9.60	7.64	1.10	2 400	20 052	39 707	13 251	0.39	0.71	3.85
	75.1%	7.09	9.63	7.64	1.10	2 400	20 052	39 570	13 251	0.39	0.71	3.85
Trave Legno 3a-4a	100%	7.09	9.65	7.64	1.10	2 400	20 052	39 435	13 251	0.39	0.71	3.85
	0%	-	24.53	-	1.10	384	0	2 870	0	0.16	0.00	3.85
	25.0%	-	46.50	-	1.10	384	0	1 514	0	0.08	0.00	3.85
	50.0%	-	NS	-	1.10	384	0	-1	0	0.00	0.00	3.85
	75.0%	-	46.50	-	1.10	384	0	-1 514	0	0.08	0.00	3.85
Trave Legno 5-5a	100.0%	-	24.51	-	1.10	384	0	-2 872	0	0.16	0.00	3.85
	0%	NS	58.21	NS	1.10	2 400	4 762	5 871	289	0.07	0.02	3.85
	25.0%	NS	60.07	NS	1.10	2 400	4 762	5 565	289	0.06	0.02	3.85
	50.0%	NS	62.01	NS	1.10	2 400	4 762	5 260	289	0.06	0.02	3.85
	75.0%	NS	64.03	NS	1.10	2 400	4 762	4 954	289	0.06	0.02	3.85
Trave Legno 1-1a	100%	NS	66.07	NS	1.10	2 400	4 762	4 656	289	0.06	0.02	3.85
	0%	NS	76.80	NS	1.10	2 400	3 925	4 173	224	0.05	0.01	3.85
	25.0%	NS	79.86	NS	1.10	2 400	3 925	3 867	224	0.05	0.01	3.85
	50.0%	NS	83.01	NS	1.10	2 400	3 925	3 562	224	0.05	0.01	3.85
	75.0%	NS	86.28	NS	1.10	2 400	3 925	3 256	224	0.04	0.01	3.85
Trave Legno 1a-2a	100%	NS	89.53	NS	1.10	2 400	3 925	2 958	224	0.04	0.01	3.85
	0%	NS	24.79	NS	1.10	384	0	2 840	8	0.16	0.01	3.85
	25.0%	NS	46.93	NS	1.10	384	0	1 500	8	0.08	0.01	3.85
	50.0%	-	-	NS	1.10	384	0	0	9	0.00	0.01	0.00
	75.0%	NS	47.00	NS	1.10	384	0	-1 498	8	0.08	0.01	3.85
Trave Legno 2-2a	100%	NS	24.80	NS	1.10	384	0	-2 839	8	0.16	0.01	3.85
	0%	5.49	9.12	5.88	1.10	2 400	-25 668	40 471	17 223	0.42	0.92	3.85
	25.0%	5.50	9.15	5.88	1.10	2 400	-25 668	40 334	17 223	0.42	0.92	3.85
	50.0%	5.50	9.17	5.88	1.10	2 400	-25 668	40 199	17 223	0.42	0.92	3.85
	75.1%	5.50	9.19	5.88	1.10	2 400	-25 668	40 062	17 223	0.42	0.92	3.85
Trave Legno 3a-8a	100%	5.50	9.22	5.88	1.10	2 400	-25 668	39 927	17 223	0.42	0.92	3.85
	0%	26.08	12.26	30.86	1.10	2 400	-4 229	35 645	3 281	0.31	0.17	3.85
	25.0%	26.17	12.38	30.86	1.10	2 400	-4 229	35 280	3 281	0.31	0.17	3.85
	50.0%	26.26	12.52	30.86	1.10	2 400	-4 229	34 899	3 281	0.31	0.17	3.85
	75.0%	26.35	12.65	30.86	1.10	2 400	-4 229	34 518	3 281	0.30	0.17	3.85
Trave Legno 7a-8a	100.0%	26.43	12.79	30.86	1.10	2 400	-4 229	34 153	3 281	0.30	0.17	3.85
	0%	-	25.21	-	1.10	384	0	2 793	0	0.15	0.00	3.85
	25.0%	-	47.79	-	1.10	384	0	1 473	0	0.08	0.00	3.85
	50.0%	-	-	-	0.00	384	0	0	0	0.00	0.00	0.00
	75.0%	-	47.79	-	1.10	384	0	-1 473	0	0.08	0.00	3.85
Trave Legno 4a-9a	100%	-	25.21	-	1.10	384	0	-2 793	0	0.15	0.00	3.85
	0%	12.03	12.14	12.96	1.10	2 400	-4 504	33 691	7 810	0.30	0.42	3.85
	25.0%	12.05	12.26	12.96	1.10	2 400	-4 504	33 326	7 810	0.29	0.42	3.85
	50.0%	12.07	12.39	12.96	1.10	2 400	-4 504	32 945	7 810	0.29	0.42	3.85
	75.0%	12.09	12.52	12.96	1.10	2 400	-4 504	32 564	7 810	0.29	0.42	3.85
Trave Legno 8a-9a	100.0%	12.11	12.66	12.96	1.10	2 400	-4 504	32 199	7 810	0.28	0.42	3.85
	0%	-	25.21	-	1.10	384	0	2 792	0	0.15	0.00	3.85
	25.0%	-	47.83	-	1.10	384	0	1 472	0	0.08	0.00	3.85
	50.0%	-	NS	-	1.10	384	0	-2	0	0.00	0.00	3.85
	75.0%	-	47.76	-	1.10	384	0	-1 474	0	0.08	0.00	3.85
Trave Legno 5a-10a	100.0%	-	25.20	-	1.10	384	0	-2 794	0	0.15	0.00	3.85
	0%	NS	NS	NS	1.10	2 400	3 993	1 782	551	0.04	0.03	3.85
	25.0%	NS	NS	NS	1.10	2 400	3 993	1 436	551	0.04	0.03	3.85
	50.0%	NS	NS	NS	1.10	2 400	3 993	-1 240	551	0.04	0.03	3.85
	75.0%	NS	NS	NS	1.10	2 400	3 993	-1 594	551	0.04	0.03	3.85
Trave Legno 1a-6a	100.0%	NS	99.11	NS	1.10	2 400	3 993	-1 940	551	0.04	0.03	3.85
	0%	35.97	80.16	36.17	1.10	2 400	-5 480	-313	2 799	0.05	0.15	3.85
	25.0%	35.96	79.72	36.17	1.10	2 400	-5 480	-659	2 799	0.05	0.15	3.85
	50.0%	35.96	78.95	36.17	1.10	2 400	-5 480	-1 013	2 799	0.05	0.15	3.85
	75.0%	35.96	77.90	36.17	1.10	2 400	-5 480	-1 367	2 799	0.05	0.15	3.85
	100.0%	35.95	76.64	36.17	1.10	2 400	-5 480	-1 713	2 799	0.05	0.15	3.85

[illegible]

Travi (LG) - Verifiche a instabilità per pressoflessione retta/deviata

pag.188

Travi (LG) - Verifiche a instabilità per pressoflessione retta/deviata

Id _{Tr}	%L _{LI}	CS	k _{mod}	A	N _{Ed}	σ _{c,0d}	f _{c,0d}	K _m	λ _N	λ _{rel,N}	K _{crit,c}	D _{i,r}	M _{Ed}	W	σ _{md}	f _{md}	K _h	L _{LI}	λ _{rel}	K _{crit,m}
	[%]			[cm ²]	[N]	[N/mm ²]	[N/mm ²]						[N·m]	[cm ³]	[N/mm ²]	[N/mm ²]		[m]		
Trave Legno 12a-16a	25.0%	52.9 7	0.80	2 400	0	0.00	15.44 8	0.70	20.7 8	0.34	0.995	X	-9 291	32 00 0	0.29	15.45	1.00	4.80	0.40 0	1.00 0
												Y	-24	12 00 0	0.00	16.56	1.07	4.80	0.15 0	1.00 0
	50.0%	38.9 7	0.80	2 400	0	0.00	15.44 8	0.70	20.7 8	0.34	0.995	X	-12 66 8	32 00 0	0.40	15.45	1.00	4.80	0.40 0	1.00 0
												Y	-10	12 00 0	0.00	16.56	1.07	4.80	0.15 0	1.00 0
	75.0%	48.0 0	0.90	2 400	0	0.00	17.37 9	0.70	20.7 8	0.34	0.995	X	-11 56 9	32 00 0	0.36	17.38	1.00	4.80	0.40 0	1.00 0
												Y	10	12 00 0	0.00	18.63	1.07	4.80	0.15 0	1.00 0
	100%	NS	0.90	2 400	0	0.00	17.37 9	0.70	20.7 8	0.34	0.995	X	-2 430	32 00 0	0.08	17.38	1.00	4.80	0.40 0	1.00 0
												Y	25	12 00 0	0.00	18.63	1.07	4.80	0.15 0	1.00 0
	0%	5.05	0.90	2 400	35 21 1	0.15	17.37 9	0.70	5.03	0.08	1.000	X	-95 37 3	32 00 0	2.98	17.38	1.00	1.16	0.19 7	1.00 0
												Y	-5 794	12 00 0	0.48	18.63	1.07	1.16	0.07 4	1.00 0
	25.0%	4.91	0.90	2 400	35 21 1	0.15	17.37 9	0.70	5.03	0.08	1.000	X	-106 0 53	32 00 0	3.31	17.38	1.00	1.16	0.19 7	1.00 0
												Y	-1 473	12 00 0	0.12	18.63	1.07	1.16	0.07 4	1.00 0
Trave Legno 9-16a	50.0%	4.39	0.90	2 400	35 71 1	0.15	17.37 9	0.70	5.03	0.08	1.000	X	-116 5 43	32 00 0	3.64	17.38	1.00	1.16	0.19 7	1.00 0
												Y	3 114	12 00 0	0.26	18.63	1.07	1.16	0.07 4	1.00 0
	75.0%	3.84	0.90	2 400	35 71 1	0.15	17.37 9	0.70	5.03	0.08	1.000	X	-126 8 90	32 00 0	3.97	17.38	1.00	1.16	0.19 7	1.00 0
												Y	7 472	12 00 0	0.62	18.63	1.07	1.16	0.07 4	1.00 0
	100.0 %	3.42	0.90	2 400	35 71 1	0.15	17.37 9	0.70	5.03	0.08	1.000	X	-137 0 75	32 00 0	4.28	17.38	1.00	1.16	0.19 7	1.00 0
												Y	11 83 1	12 00 0	0.99	18.63	1.07	1.16	0.07 4	1.00 0
	0%	NS	0.90	2 400	357	0.00	17.37 9	0.70	20.5 7	0.34	0.996	X	-2 456	32 00 0	0.08	17.38	1.00	4.75	0.39 8	1.00 0
												Y	-16	12 00 0	0.00	18.63	1.07	4.75	0.14 9	1.00 0
	25.0%	48.5 9	0.90	2 400	383	0.00	17.37 9	0.70	20.5 7	0.34	0.996	X	-11 37 4	32 00 0	0.36	17.38	1.00	4.75	0.39 8	1.00 0
												Y	-12	12 00 0	0.00	18.63	1.07	4.75	0.14 9	1.00 0
	50.0%	39.7 1	0.90	2 400	383	0.00	17.37 9	0.70	20.5 7	0.34	0.996	X	-13 94 0	32 00 0	0.44	17.38	1.00	4.75	0.39 8	1.00 0
												Y	-7	12 00 0	0.00	18.63	1.07	4.75	0.14 9	1.00 0
Trave Legno 13a-17a	75.0%	54.3 7	0.80	2 400	127	0.00	15.44 8	0.70	20.5 7	0.34	0.996	X	-9 073	32 00 0	0.28	15.45	1.00	4.75	0.39 8	1.00 0
												Y	1	12 00 0	0.00	16.56	1.07	4.75	0.14 9	1.00 0
	100%	NS	1.10	2 400	2 134	0.01	21.24 1	0.70	20.5 7	0.34	0.996	X	-385	32 00 0	0.01	21.24	1.00	4.75	0.39 8	1.00 0
												Y	56	12 00 0	0.00	22.77	1.07	4.75	0.14 9	1.00 0
	0%	5.40	0.90	2 400	34 53 6	0.14	17.37 9	0.70	5.03	0.08	1.000	X	-94 66 4	32 00 0	2.96	17.38	1.00	1.16	0.19 7	1.00 0
												Y	-2 128	12 00 0	0.18	18.63	1.07	1.16	0.07 4	1.00 0
	25.0%	4.87	0.90	2 400	34 53 6	0.14	17.37 9	0.70	5.03	0.08	1.000	X	-105 5 31	32 00 0	3.30	17.38	1.00	1.16	0.19 7	1.00 0
												Y	-2 289	12 00 0	0.19	18.63	1.07	1.16	0.07 4	1.00 0
	50.0%	4.45	0.90	2 400	34 53 6	0.14	17.37 9	0.70	5.03	0.08	1.000	X	-116 2 31	32 00 0	3.63	17.38	1.00	1.16	0.19 7	1.00 0
												Y	-2 453	12 00 0	0.20	18.63	1.07	1.16	0.07 4	1.00 0
	75.0%	4.09	0.90	2 400	34 53 6	0.14	17.37 9	0.70	5.03	0.08	1.000	X	-126 7 56	32 00 0	3.96	17.38	1.00	1.16	0.19 7	1.00 0
												Y	-2 612	12 00 0	0.22	18.63	1.07	1.16	0.07 4	1.00 0
Trave Legno 16a-17a	100.0 %	3.79	0.90	2 400	34 53 6	0.14	17.37 9	0.70	5.03	0.08	1.000	X	-137 1 18	32 00 0	4.28	17.38	1.00	1.16	0.19 7	1.00 0
												Y	-2 775	12 00 0	0.23	18.63	1.07	1.16	0.07 4	1.00 0
	0%	NS	0.90	2 400	28 02 3	0.12	17.37 9	0.70	57.7 4	0.95	0.808	X	-961	32 00 0	0.03	17.38	1.00	5.00	0.40 8	1.00 0
												Y	-8	12 00 0	0.00	18.63	1.07	5.00	0.15 3	1.00 0
	25.0%	37.1 1	0.90	2 400	28 02 3	0.12	17.37 9	0.70	21.6 5	0.36	0.994	X	-11 21 8	32 00 0	0.35	17.38	1.00	5.00	0.40 8	1.00 0
												Y	-4	12 00 0	0.00	18.63	1.07	5.00	0.15 3	1.00 0

Travi (LG) - Verifiche a instabilità per pressoflessione retta/deviata

Id _{Tr}	%L _{LI}	CS	k _{mod}	A	N _{Ed}	σ _{c,0d}	f _{c,0d}	K _m	λ _N	λ _{rel,N}	K _{crit,c}	D _{i,r}	M _{Ed}	W	σ _{md}	f _{md}	K _h	L _{LI}	λ _{rel}	K _{crit,m}
	[%]			[cm ²]	[N]	[N/mm ²]	[N/mm ²]						[N·m]	[cm ³]	[N/mm ²]	[N/mm ²]		[m]		
Trave Legno 14a-18a	50.0%	30.4 ₉	0.90	2 400	28 02 ₃	0.12	17.37 ₉	0.70	21.6 ₅	0.36	0.994	X	-14 47 ₃	32 00 ₀	0.45	17.38	1.00	5.00	0.40 ₈	1.00 ₀
												Y	3	12 00 ₀	0.00	18.63	1.07	5.00	0.15 ₃	1.00 ₀
	75.0%	38.4 ₂	0.90	2 400	28 02 ₃	0.12	17.37 ₉	0.70	21.6 ₅	0.36	0.994	X	-10 69 ₈	32 00 ₀	0.33	17.38	1.00	5.00	0.40 ₈	1.00 ₀
												Y	10	12 00 ₀	0.00	18.63	1.07	5.00	0.15 ₃	1.00 ₀
	100%	NS	0.90	2 400	28 02 ₃	0.12	17.37 ₉	0.70	57.7 ₄	0.95	0.808	X	78	32 00 ₀	0.00	17.38	1.00	5.00	0.40 ₈	1.00 ₀
												Y	16	12 00 ₀	0.00	18.63	1.07	5.00	0.15 ₃	1.00 ₀
	0%	5.35	0.90	2 400	35 13 ₆	0.15	17.37 ₉	0.70	5.03	0.08	1.000	X	-95 98 ₇	32 00 ₀	3.00	17.38	1.00	1.16	0.19 ₇	1.00 ₀
												Y	1 873	12 00 ₀	0.16	18.63	1.07	1.16	0.07 ₄	1.00 ₀
	25.0%	4.77	0.90	2 400	33 40 ₃	0.14	17.37 ₉	0.70	5.03	0.08	1.000	X	-106 7 ₃₂	32 00 ₀	3.34	17.38	1.00	1.16	0.19 ₇	1.00 ₀
												Y	-3 041	12 00 ₀	0.25	18.63	1.07	1.16	0.07 ₄	1.00 ₀
	50.0%	4.12	0.90	2 400	33 40 ₃	0.14	17.37 ₉	0.70	5.03	0.08	1.000	X	-117 1 ₉₃	32 00 ₀	3.66	17.38	1.00	1.16	0.19 ₇	1.00 ₀
												Y	-7 696	12 00 ₀	0.64	18.63	1.07	1.16	0.07 ₄	1.00 ₀
Trave Legno 17a-18a	75.0%	3.62	0.90	2 400	33 40 ₃	0.14	17.37 ₉	0.70	5.03	0.08	1.000	X	-127 4 ₇₂	32 00 ₀	3.98	17.38	1.00	1.16	0.19 ₇	1.00 ₀
												Y	-12 35 ₇	12 00 ₀	1.03	18.63	1.07	1.16	0.07 ₄	1.00 ₀
	100.0 %	3.24	0.90	2 400	33 40 ₃	0.14	17.37 ₉	0.70	5.03	0.08	1.000	X	-137 5 ₉₀	32 00 ₀	4.30	17.38	1.00	1.16	0.19 ₇	1.00 ₀
												Y	-17 01 ₆	12 00 ₀	1.42	18.63	1.07	1.16	0.07 ₄	1.00 ₀
	0%	NS	0.90	2 400	27 43 ₉	0.11	17.37 ₉	0.70	57.7 ₄	0.95	0.808	X	-4	32 00 ₀	0.00	17.38	1.00	5.00	0.40 ₈	1.00 ₀
												Y	-26	12 00 ₀	0.00	18.63	1.07	5.00	0.15 ₃	1.00 ₀
	25.0%	38.5 ₂	0.90	2 400	27 43 ₉	0.11	17.37 ₉	0.70	21.6 ₅	0.36	0.994	X	-10 74 ₀	32 00 ₀	0.34	17.38	1.00	5.00	0.40 ₈	1.00 ₀
												Y	-9	12 00 ₀	0.00	18.63	1.07	5.00	0.15 ₃	1.00 ₀
	50.0%	30.6 ₁	0.90	2 400	27 43 ₃	0.11	17.37 ₉	0.70	21.6 ₅	0.36	0.994	X	-14 47 ₄	32 00 ₀	0.45	17.38	1.00	5.00	0.40 ₈	1.00 ₀
												Y	7	12 00 ₀	0.00	18.63	1.07	5.00	0.15 ₃	1.00 ₀
	75.0%	37.3 ₄	0.90	2 400	27 43 ₃	0.11	17.37 ₉	0.70	21.6 ₅	0.36	0.994	X	-11 17 ₄	32 00 ₀	0.35	17.38	1.00	5.00	0.40 ₈	1.00 ₀
												Y	23	12 00 ₀	0.00	18.63	1.07	5.00	0.15 ₃	1.00 ₀
Trave Legno 36a-22	100.0 %	NS	0.90	2 400	27 43 ₃	0.11	17.37 ₉	0.70	57.7 ₄	0.95	0.808	X	-874	32 00 ₀	0.03	17.38	1.00	5.00	0.40 ₈	1.00 ₀
												Y	37	12 00 ₀	0.00	18.63	1.07	5.00	0.15 ₃	1.00 ₀
	0%	NS	1.10	2 400	4 677	0.02	21.24 ₁	0.70	20.7 ₈	0.34	0.995	X	854	32 00 ₀	0.03	21.24	1.00	4.80	0.40 ₀	1.00 ₀
												Y	67	12 00 ₀	0.01	22.77	1.07	4.80	0.15 ₀	1.00 ₀
	25.0%	54.6 ₀	0.60	2 400	0	0.00	11.58 ₆	0.70	20.7 ₈	0.34	0.995	X	-6 775	32 00 ₀	0.21	11.59	1.00	4.80	0.40 ₀	1.00 ₀
												Y	9	12 00 ₀	0.00	12.42	1.07	4.80	0.15 ₀	1.00 ₀
	50.0%	38.8 ₅	0.80	2 400	0	0.00	15.44 ₈	0.70	20.7 ₈	0.34	0.995	X	-12 71 ₆	32 00 ₀	0.40	15.45	1.00	4.80	0.40 ₀	1.00 ₀
												Y	4	12 00 ₀	0.00	16.56	1.07	4.80	0.15 ₀	1.00 ₀
	75.0%	46.9 ₆	0.90	2 400	0	0.00	17.37 ₉	0.70	20.7 ₈	0.34	0.995	X	-11 84 ₃	32 00 ₀	0.37	17.38	1.00	4.80	0.40 ₀	1.00 ₀
												Y	0	12 00 ₀	0.00	18.63	1.07	4.80	0.00 ₀	0.00 ₀
	100%	NS	0.90	2 400	0	0.00	17.37 ₉	0.70	20.7 ₈	0.34	0.995	X	-2 769	32 00 ₀	0.09	17.38	1.00	4.80	0.40 ₀	1.00 ₀
												Y	-6	12 00 ₀	0.00	18.63	1.07	4.80	0.15 ₀	1.00 ₀
Trave Legno 30a-34a	0%	4.54	0.90	2 400	35 21 ₄	0.15	17.37 ₉	0.70	5.41	0.09	1.000	X	-110 1 ₀₃	32 00 ₀	3.44	17.38	1.00	1.25	0.20 ₄	1.00 ₀
												Y	-4 380	12 00 ₀	0.37	18.63	1.07	1.25	0.07 ₆	1.00 ₀
	25.0%	5.19	0.90	2 400	35 21 ₄	0.15	17.37 ₉	0.70	5.41	0.09	1.000	X	-98 41 ₄	32 00 ₀	3.08	17.38	1.00	1.25	0.20 ₄	1.00 ₀
												Y	-2 353	12 00 ₀	0.20	18.63	1.07	1.25	0.07 ₆	1.00 ₀
	50.0%	6.06	0.90	2 400	35 21 ₄	0.15	17.37 ₉	0.70	5.41	0.09	1.000	X	-86 52 ₆	32 00 ₀	2.70	17.38	1.00	1.25	0.20 ₄	1.00 ₀
												Y	-323	12 00 ₀	0.03	18.63	1.07	1.25	0.07 ₆	1.00 ₀

Travi (LG) - Verifiche a instabilità per pressoflessione retta/deviata

Id _{Tr}	%L _{LI}	CS	k _{mod}	A	N _{Ed}	σ _{c,0d}	f _{c,0d}	K _m	λ _N	λ _{rel,N}	K _{crit,c}	D _i r	M _{Ed}	W	σ _{md}	f _{md}	K _h	L _{LI}	λ _{rel}	K _{crit,m}
	[%]			[cm ²]	[N]	[N/mm ²]	[N/mm ²]						[N·m]	[cm ³]	[N/mm ²]	[N/mm ²]		[m]		
Trave Legno 18-34a	75.0%	6.71	0.90	2 400	35 714	0.15	17.379	0.70	5.41	0.09	1.000	X	-74 593	32 000	2.33	17.38	1.00	1.25	0.204	1.000
												Y	1 998	12 000	0.17	18.63	1.07	1.25	0.076	1.000
	100%	7.50	0.90	2 400	35 714	0.15	17.379	0.70	5.41	0.09	1.000	X	-62 327	32 000	1.95	17.38	1.00	1.25	0.204	1.000
												Y	4 058	12 000	0.34	18.63	1.07	1.25	0.076	1.000
	0%	NS	0.90	2 400	2 834	0.01	17.379	0.70	20.57	0.34	0.996	X	-2 839	32 000	0.09	17.38	1.00	4.75	0.398	1.000
												Y	38	12 000	0.00	18.63	1.07	4.75	0.149	1.000
	25.0%	46.11	0.90	2 400	2 834	0.01	17.379	0.70	20.57	0.34	0.996	X	-11 655	32 000	0.36	17.38	1.00	4.75	0.398	1.000
												Y	15	12 000	0.00	18.63	1.07	4.75	0.149	1.000
	50.0%	38.74	0.90	2 400	2 834	0.01	17.379	0.70	20.57	0.34	0.996	X	-13 969	32 000	0.44	17.38	1.00	4.75	0.398	1.000
												Y	-4	12 000	0.00	18.63	1.07	4.75	0.149	1.000
	75.0%	54.40	0.80	2 400	2 232	0.01	15.448	0.70	20.57	0.34	0.996	X	-8 750	32 000	0.27	15.45	1.00	4.75	0.398	1.000
												Y	-22	12 000	0.00	16.56	1.07	4.75	0.149	1.000
Trave Legno 31a-35a	100%	NS	1.10	2 400	3 293	0.01	21.241	0.70	20.57	0.34	0.996	X	1 169	32 000	0.04	21.24	1.00	4.75	0.398	1.000
												Y	-89	12 000	0.01	22.77	1.07	4.75	0.149	1.000
	0%	4.33	0.90	2 400	35 287	0.15	17.379	0.70	5.41	0.09	1.000	X	-119 392	32 000	3.73	17.38	1.00	1.25	0.204	1.000
												Y	-2 463	12 000	0.21	18.63	1.07	1.25	0.076	1.000
	25.0%	4.76	0.90	2 400	35 287	0.15	17.379	0.70	5.41	0.09	1.000	X	-107 651	32 000	3.36	17.38	1.00	1.25	0.204	1.000
												Y	-2 505	12 000	0.21	18.63	1.07	1.25	0.076	1.000
	50.0%	5.30	0.90	2 400	35 287	0.15	17.379	0.70	5.41	0.09	1.000	X	-95 714	32 000	2.99	17.38	1.00	1.25	0.204	1.000
												Y	-2 547	12 000	0.21	18.63	1.07	1.25	0.076	1.000
	75.0%	5.99	0.90	2 400	35 287	0.15	17.379	0.70	5.41	0.09	1.000	X	-83 575	32 000	2.61	17.38	1.00	1.25	0.204	1.000
												Y	-2 589	12 000	0.22	18.63	1.07	1.25	0.076	1.000
	100%	6.91	0.90	2 400	35 287	0.15	17.379	0.70	5.41	0.09	1.000	X	-71 248	32 000	2.23	17.38	1.00	1.25	0.204	1.000
												Y	-2 630	12 000	0.22	18.63	1.07	1.25	0.076	1.000
Trave Legno 34a-35a	0%	NS	0.90	2 400	14 493	0.06	17.379	0.70	57.74	0.95	0.808	X	-1 539	32 000	0.05	17.38	1.00	5.00	0.408	1.000
												Y	29	12 000	0.00	18.63	1.07	5.00	0.153	1.000
	25.0%	40.15	0.90	2 400	14 493	0.06	17.379	0.70	21.65	0.36	0.994	X	-11 883	32 000	0.37	17.38	1.00	5.00	0.408	1.000
												Y	13	12 000	0.00	18.63	1.07	5.00	0.153	1.000
	50.0%	32.69	0.90	2 400	14 493	0.06	17.379	0.70	21.65	0.36	0.994	X	-15 062	32 000	0.47	17.38	1.00	5.00	0.408	1.000
												Y	-2	12 000	0.00	18.63	1.07	5.00	0.153	1.000
	75.0%	42.70	0.90	2 400	14 493	0.06	17.379	0.70	21.65	0.36	0.994	X	-11 049	32 000	0.35	17.38	1.00	5.00	0.408	1.000
												Y	-17	12 000	0.00	18.63	1.07	5.00	0.153	1.000
	100%	NS	0.90	2 400	14 493	0.06	17.379	0.70	57.74	0.95	0.808	X	129	32 000	0.00	17.38	1.00	5.00	0.408	1.000
												Y	-35	12 000	0.00	18.63	1.07	5.00	0.153	1.000
	0%	4.81	0.90	2 400	35 199	0.15	17.379	0.70	5.41	0.09	1.000	X	-109 923	32 000	3.44	17.38	1.00	1.25	0.204	1.000
												Y	-593	12 000	0.05	18.63	1.07	1.25	0.076	1.000
Trave Legno 32a-36a	25.0%	5.17	0.90	2 400	35 199	0.15	17.379	0.70	5.41	0.09	1.000	X	-98 100	32 000	3.07	17.38	1.00	1.25	0.204	1.000
												Y	-2 790	12 000	0.23	18.63	1.07	1.25	0.076	1.000
	50.0%	5.59	0.90	2 400	35 199	0.15	17.379	0.70	5.41	0.09	1.000	X	-86 076	32 000	2.69	17.38	1.00	1.25	0.204	1.000
												Y	-4 987	12 000	0.42	18.63	1.07	1.25	0.076	1.000
	75.0%	6.11	0.90	2 400	35 199	0.15	17.379	0.70	5.41	0.09	1.000	X	-73 853	32 000	2.31	17.38	1.00	1.25	0.204	1.000
												Y	-7 184	12 000	0.60	18.63	1.07	1.25	0.076	1.000

Travi (LG) - Verifiche a instabilità per pressoflessione retta/deviata

Id _{Tr}	%L _{LI}	CS	k _{mod}	A	N _{Ed}	σ _{c,0d}	f _{c,0d}	K _m	λ _N	λ _{rel,N}	K _{crit,c}	Di _r	M _{Ed}	W	σ _{md}	f _{md}	K _h	L _{LI}	λ _{rel}	K _{crit,m}
	[%]			[cm ²]	[N]	[N/mm ²]	[N/mm ²]						[N·m]	[cm ³]	[N/mm ²]	[N/mm ²]		[m]		
Trave Legno 35a-36a	100%	6.74	0.90	2 400	35 19 9	0.15	17.37 9	0.70	5.41	0.09	1.000	X	-61 44 1	32 00 0	1.92	17.38	1.00	1.25	0.20 4	1.00 0
												Y	-9 381	12 00 0	0.78	18.63	1.07	1.25	0.07 6	1.00 0
	0%	NS	0.90	2 400	13 47 8	0.06	17.37 9	0.70	57.7 4	0.95	0.808	X	-36	32 00 0	0.00	17.38	1.00	5.00	0.40 8	1.00 0
												Y	23	12 00 0	0.00	18.63	1.07	5.00	0.15 3	1.00 0
	25.0%	42.9 0	0.90	2 400	13 47 8	0.06	17.37 9	0.70	21.6 5	0.36	0.994	X	-11 13 1	32 00 0	0.35	17.38	1.00	5.00	0.40 8	1.00 0
												Y	13	12 00 0	0.00	18.63	1.07	5.00	0.15 3	1.00 0
Trave Legno 4-5	50.0%	32.9 6	0.90	2 400	13 47 8	0.06	17.37 9	0.70	21.6 5	0.36	0.994	X	-15 05 7	32 00 0	0.47	17.38	1.00	5.00	0.40 8	1.00 0
												Y	3	12 00 0	0.00	18.63	1.07	5.00	0.15 3	1.00 0
	75.0%	40.8 5	0.90	2 400	13 47 8	0.06	17.37 9	0.70	21.6 5	0.36	0.994	X	-11 79 1	32 00 0	0.37	17.38	1.00	5.00	0.40 8	1.00 0
												Y	-8	12 00 0	0.00	18.63	1.07	5.00	0.15 3	1.00 0
	100.0 %	NS	0.90	2 400	13 47 8	0.06	17.37 9	0.70	57.7 4	0.95	0.808	X	-1 359	32 00 0	0.04	17.38	1.00	5.00	0.40 8	1.00 0
												Y	-17	12 00 0	0.00	18.63	1.07	5.00	0.15 3	1.00 0
Trave Legno 2-3	0%	21.4 9	1.10	2 400	6 830	0.03	21.24 1	0.70	19.9 2	0.33	0.997	X	20 19 5	32 00 0	0.63	21.24	1.00	4.60	0.39 1	1.00 0
												Y	6 041	12 00 0	0.50	22.77	1.07	4.60	0.14 7	1.00 0
	25.0%	37.2 1	1.10	2 400	6 830	0.03	21.24 1	0.70	19.9 2	0.33	0.997	X	11 64 5	32 00 0	0.36	21.24	1.00	4.60	0.39 1	1.00 0
												Y	3 279	12 00 0	0.27	22.77	1.07	4.60	0.14 7	1.00 0
	50.0%	93.9 1	1.10	2 400	6 830	0.03	21.24 1	0.70	19.9 2	0.33	0.997	X	-5 431	32 00 0	0.17	21.24	1.00	4.60	0.39 1	1.00 0
												Y	513	12 00 0	0.04	22.77	1.07	4.60	0.14 7	1.00 0
Trave Legno 3-4	75.0%	NS	1.10	2 400	2 065	0.01	21.24 1	0.70	53.1 2	0.87	0.858	X	-825	32 00 0	0.03	21.24	1.00	4.60	0.39 1	1.00 0
												Y	-2 248	12 00 0	0.19	22.77	1.07	4.60	0.14 7	1.00 0
	100%	46.0 0	1.10	2 400	2 065	0.01	21.24 1	0.70	53.1 2	0.87	0.858	X	2 831	32 00 0	0.09	21.24	1.00	4.60	0.39 1	1.00 0
												Y	-5 013	12 00 0	0.42	22.77	1.07	4.60	0.14 7	1.00 0
	0%	17.9 3	1.10	2 400	14 30 3	0.06	21.24 1	0.70	19.9 2	0.33	0.997	X	-28 07 3	32 00 0	0.88	21.24	1.00	4.60	0.39 1	1.00 0
												Y	-4 554	12 00 0	0.38	22.77	1.07	4.60	0.14 7	1.00 0
Trave Legno 3-4	25.0%	28.3 1	1.10	2 400	14 30 3	0.06	21.24 1	0.70	19.9 2	0.33	0.997	X	-17 69 1	32 00 0	0.55	21.24	1.00	4.60	0.39 1	1.00 0
												Y	-2 528	12 00 0	0.21	22.77	1.07	4.60	0.14 7	1.00 0
	50.0%	50.2 3	0.90	2 400	29 07 5	0.12	17.37 9	0.70	19.9 2	0.33	0.997	X	-5 467	32 00 0	0.17	17.38	1.00	4.60	0.39 1	1.00 0
												Y	-986	12 00 0	0.08	18.63	1.07	4.60	0.14 7	1.00 0
	75.0%	48.3 8	1.10	2 400	12 21 6	0.05	21.24 1	0.70	19.9 2	0.33	0.997	X	9 761	32 00 0	0.31	21.24	1.00	4.60	0.39 1	1.00 0
												Y	1 525	12 00 0	0.13	22.77	1.07	4.60	0.14 7	1.00 0
Trave Legno 3-4	100%	19.6 1	1.10	2 400	12 21 6	0.05	21.24 1	0.70	19.9 2	0.33	0.997	X	26 83 2	32 00 0	0.84	21.24	1.00	4.60	0.39 1	1.00 0
												Y	3 553	12 00 0	0.30	22.77	1.07	4.60	0.14 7	1.00 0
	0%	24.3 9	1.10	2 400	16 97 1	0.07	21.24 1	0.70	19.9 2	0.33	0.997	X	21 38 4	32 00 0	0.67	21.24	1.00	4.60	0.39 1	1.00 0
												Y	2 422	12 00 0	0.20	22.77	1.07	4.60	0.14 7	1.00 0
	25.0%	50.1 3	1.10	2 400	16 97 1	0.07	21.24 1	0.70	19.9 2	0.33	0.997	X	-9 040	32 00 0	0.28	21.24	1.00	4.60	0.39 1	1.00 0
												Y	-1 292	12 00 0	0.11	22.77	1.07	4.60	0.14 7	1.00 0
Trave Legno 3-4	50.0%	54.9 8	0.90	2 400	26 71 0	0.11	17.37 9	0.70	19.9 2	0.33	0.997	X	-4 780	32 00 0	0.15	17.38	1.00	4.60	0.39 1	1.00 0
												Y	-1 012	12 00 0	0.08	18.63	1.07	4.60	0.14 7	1.00 0
	75.0%	39.7 3	1.10	2 400	15 50 3	0.06	21.24 1	0.70	19.9 2	0.33	0.997	X	-11 95 7	32 00 0	0.37	21.24	1.00	4.60	0.39 1	1.00 0
												Y	-1 767	12 00 0	0.15	22.77	1.07	4.60	0.14 7	1.00 0
	100.0 %	23.4 9	1.10	2 400	15 50 3	0.06	21.24 1	0.70	19.9 2	0.33	0.997	X	21 35 6	32 00 0	0.67	21.24	1.00	4.60	0.39 1	1.00 0
												Y	-3 163	12 00 0	0.26	22.77	1.07	4.60	0.14 7	1.00 0

Travi (LG) - Verifiche a instabilità per pressoflessione retta/deviata																				
Id _{Tr}	%L _L	CS	k _{mod}	A	N _{Ed}	σ _{c,0d}	f _{c,0d}	K _m	λ _N	λ _{rel,N}	K _{crit,c}	D _r	M _{Ed}	W	σ _{md}	f _{md}	K _h	L _L	λ _{rel}	K _{crit,m}
	[%]			[cm ²]	[N]	[N/mm ²]	[N/mm ²]						[N·m]	[cm ³]	[N/mm ²]	[N/mm ²]		[m]		
Trave Legno 1-2	0%	39.0 ₁	1.10	2 400	6 695	0.03	21.24 ₁	0.70	52.5 ₄	0.86	0.863	X	-2 447	32 00 ₀	0.08	21.24	1.00	4.55	0.38 ₉	1.00 ₀
												Y	-5 900	12 00 ₀	0.49	22.77	1.07	4.55	0.14 ₆	1.00 ₀
	25.0%	71.6 ₀	1.10	2 400	6 695	0.03	21.24 ₁	0.70	52.5 ₄	0.86	0.863	X	-2 151	32 00 ₀	0.07	21.24	1.00	4.55	0.38 ₉	1.00 ₀
												Y	-2 795	12 00 ₀	0.23	22.77	1.07	4.55	0.14 ₆	1.00 ₀
	50.0%	NS	1.10	2 400	1 355	0.01	21.24 ₁	0.70	19.7 ₀	0.32	0.997	X	-4 318	32 00 ₀	0.13	21.24	1.00	4.55	0.38 ₉	1.00 ₀
												Y	238	12 00 ₀	0.02	22.77	1.07	4.55	0.14 ₆	1.00 ₀
	75.0%	45.2 ₃	1.10	2 400	1 220	0.01	21.24 ₁	0.70	19.7 ₀	0.32	0.997	X	10 21 ₄	32 00 ₀	0.32	21.24	1.00	4.55	0.38 ₉	1.00 ₀
												Y	2 671	12 00 ₀	0.22	22.77	1.07	4.55	0.14 ₆	1.00 ₀
	100%	22.7 ₅	0.80	2 400	2 361	0.01	15.44 ₈	0.70	19.7 ₀	0.32	0.997	X	16 02 ₄	32 00 ₀	0.50	15.45	1.00	4.55	0.38 ₉	1.00 ₀
												Y	3 097	12 00 ₀	0.26	16.56	1.07	4.55	0.14 ₆	1.00 ₀
Trave Legno 51a-30	0%	27.3 ₀	0.90	2 400	0	0.00	17.37 ₉	0.70	12.1 ₂	0.20	1.000	X	-8 393	32 00 ₀	0.26	17.38	1.00	1.05	0.18 ₇	1.00 ₀
												Y	5 825	12 00 ₀	0.49	18.63	1.07	1.05	0.07 ₀	1.00 ₀
	25.0%	36.0 ₂	0.90	2 400	0	0.00	17.37 ₉	0.70	12.1 ₂	0.20	1.000	X	-7 284	32 00 ₀	0.23	17.38	1.00	1.05	0.18 ₇	1.00 ₀
												Y	4 156	12 00 ₀	0.35	18.63	1.07	1.05	0.07 ₀	1.00 ₀
	50.0%	52.8 ₄	0.90	2 400	0	0.00	17.37 ₉	0.70	12.1 ₂	0.20	1.000	X	-5 396	32 00 ₀	0.17	17.38	1.00	1.05	0.18 ₇	1.00 ₀
												Y	2 712	12 00 ₀	0.23	18.63	1.07	1.05	0.07 ₀	1.00 ₀
	75.0%	99.4 ₂	0.90	2 400	0	0.00	17.37 ₉	0.70	12.1 ₂	0.20	1.000	X	-3 278	32 00 ₀	0.10	17.38	1.00	1.05	0.18 ₇	1.00 ₀
												Y	1 326	12 00 ₀	0.11	18.63	1.07	1.05	0.07 ₀	1.00 ₀
	100%	87.2 ₁	1.10	2 400	0	0.00	21.24 ₁	0.70	12.1 ₂	0.20	1.000	X	3 446	32 00 ₀	0.11	21.24	1.00	1.05	0.18 ₇	1.00 ₀
												Y	2 163	12 00 ₀	0.18	22.77	1.07	1.05	0.07 ₀	1.00 ₀
Trave Legno 33a-22	0%	27.6 ₁	1.10	2 400	0	0.00	21.24 ₁	0.70	12.1 ₂	0.20	1.000	X	-4 415	32 00 ₀	0.14	21.24	1.00	1.05	0.18 ₇	1.00 ₀
												Y	-8 651	12 00 ₀	0.72	22.77	1.07	1.05	0.07 ₀	1.00 ₀
	25.0%	40.1 ₂	1.10	2 400	0	0.00	21.24 ₁	0.70	12.1 ₂	0.20	1.000	X	2 302	32 00 ₀	0.07	21.24	1.00	1.05	0.18 ₇	1.00 ₀
												Y	-6 162	12 00 ₀	0.51	22.77	1.07	1.05	0.07 ₀	1.00 ₀
	50.0%	33.5 ₇	0.90	2 400	0	0.00	17.37 ₉	0.70	12.1 ₂	0.20	1.000	X	3 441	32 00 ₀	0.11	17.38	1.00	1.05	0.18 ₇	1.00 ₀
												Y	-5 690	12 00 ₀	0.47	18.63	1.07	1.05	0.07 ₀	1.00 ₀
	75.0%	22.2 ₅	0.90	2 400	0	0.00	17.37 ₉	0.70	12.1 ₂	0.20	1.000	X	7 271	32 00 ₀	0.23	17.38	1.00	1.05	0.18 ₇	1.00 ₀
												Y	-8 001	12 00 ₀	0.67	18.63	1.07	1.05	0.07 ₀	1.00 ₀
	100%	16.6 ₀	0.90	2 400	0	0.00	17.37 ₉	0.70	12.1 ₂	0.20	1.000	X	11 21 ₆	32 00 ₀	0.35	17.38	1.00	1.05	0.18 ₇	1.00 ₀
												Y	-10 31 ₁	12 00 ₀	0.86	18.63	1.07	1.05	0.07 ₀	1.00 ₀
Trave Legno 15a-13	0%	23.5 ₇	1.10	2 400	6 787	0.03	21.24 ₁	0.70	11.1 ₁	0.18	1.000	X	4 829	32 00 ₀	0.15	21.24	1.00	0.96	0.17 ₉	1.00 ₀
												Y	-9 867	12 00 ₀	0.82	22.77	1.07	0.96	0.06 ₇	1.00 ₀
	25.0%	24.9 ₄	1.10	2 400	6 787	0.03	21.24 ₁	0.70	11.1 ₁	0.18	1.000	X	5 759	32 00 ₀	0.18	21.24	1.00	0.96	0.17 ₉	1.00 ₀
												Y	-8 971	12 00 ₀	0.75	22.77	1.07	0.96	0.06 ₇	1.00 ₀
	50.0%	20.5 ₅	0.90	2 400	0	0.00	17.37 ₉	0.70	11.1 ₁	0.18	1.000	X	11 21 ₆	32 00 ₀	0.35	17.38	1.00	0.96	0.17 ₉	1.00 ₀
												Y	-7 722	12 00 ₀	0.64	18.63	1.07	0.96	0.06 ₇	1.00 ₀
	75.0%	14.9 ₄	0.90	2 400	0	0.00	17.37 ₉	0.70	11.1 ₁	0.18	1.000	X	15 65 ₇	32 00 ₀	0.49	17.38	1.00	0.96	0.17 ₉	1.00 ₀
												Y	-10 56 ₀	12 00 ₀	0.88	18.63	1.07	0.96	0.06 ₇	1.00 ₀
	100.0%	11.7 ₂	0.90	2 400	0	0.00	17.37 ₉	0.70	11.1 ₁	0.18	1.000	X	20 19 ₆	32 00 ₀	0.63	17.38	1.00	0.96	0.17 ₉	1.00 ₀
												Y	-13 39 ₆	12 00 ₀	1.12	18.63	1.07	0.96	0.06 ₇	1.00 ₀
Trave Legno 29-30	0%	22.2 ₉	1.10	2 400	9 391	0.04	21.24 ₁	0.70	19.9 ₂	0.33	0.997	X	19 77 ₄	32 00 ₀	0.62	21.24	1.00	4.60	0.39 ₁	1.00 ₀
												Y	-5 432	12 00 ₀	0.45	22.77	1.07	4.60	0.14 ₇	1.00 ₀

Travi (LG) - Verifiche a instabilità per pressoflessione retta/deviata

Id _{Tr}	%L _{LI}	CS	k _{mod}	A	N _{Ed}	σ _{c,0d}	f _{c,0d}	K _m	λ _N	λ _{rel,N}	K _{crit,c}	Di _r	M _{Ed}	W	σ _{md}	f _{md}	K _h	L _{LI}	λ _{rel}	K _{crit,m}
	[%]			[cm ²]	[N]	[N/mm ²]	[N/mm ²]						[N·m]	[cm ³]	[N/mm ²]	[N/mm ²]		[m]		
Trave Legno 28-29	25.0%	38.4 0	1.10	2 400	9 391	0.04	21.24 1	0.70	19.9 2	0.33	0.997	X	11 20 3	32 00 0	0.35	21.24	1.00	4.60	0.39 1	1.00 0
												Y	-3 009	12 00 0	0.25	22.77	1.07	4.60	0.14 7	1.00 0
	50.0%	82.9 3	1.10	2 400	9 391	0.04	21.24 1	0.70	19.9 2	0.33	0.997	X	-5 786	32 00 0	0.18	21.24	1.00	4.60	0.39 1	1.00 0
												Y	663	12 00 0	0.06	22.77	1.07	4.60	0.14 7	1.00 0
	75.0%	90.9 9	1.10	2 400	2 795	0.01	21.24 1	0.70	53.1 2	0.87	0.858	X	-3 533	32 00 0	0.11	21.24	1.00	4.60	0.39 1	1.00 0
												Y	1 834	12 00 0	0.15	22.77	1.07	4.60	0.14 7	1.00 0
	100%	52.5 3	1.10	2 400	5 387	0.02	21.24 1	0.70	53.1 2	0.87	0.858	X	-1 608	32 00 0	0.05	21.24	1.00	4.60	0.39 1	1.00 0
												Y	4 412	12 00 0	0.37	22.77	1.07	4.60	0.14 7	1.00 0
	0%	29.5 2	1.10	2 400	5 055	0.02	21.24 1	0.70	19.9 2	0.33	0.997	X	17 51 3	32 00 0	0.55	21.24	1.00	4.60	0.39 1	1.00 0
												Y	-2 776	12 00 0	0.23	22.77	1.07	4.60	0.14 7	1.00 0
Trave Legno 26-27	25.0%	64.4 0	1.10	2 400	5 055	0.02	21.24 1	0.70	19.9 2	0.33	0.997	X	-7 474	32 00 0	0.23	21.24	1.00	4.60	0.39 1	1.00 0
												Y	-1 381	12 00 0	0.12	22.77	1.07	4.60	0.14 7	1.00 0
	50.0%	NS	0.90	2 400	5 287	0.02	17.37 9	0.70	19.9 2	0.33	0.997	X	-1 745	32 00 0	0.05	17.38	1.00	4.60	0.39 1	1.00 0
												Y	-24	12 00 0	0.00	18.63	1.07	4.60	0.14 7	1.00 0
	75.0%	49.1 0	1.10	2 400	459	0.00	21.24 1	0.70	19.9 2	0.33	0.997	X	11 33 3	32 00 0	0.35	21.24	1.00	4.60	0.39 1	1.00 0
												Y	1 406	12 00 0	0.12	22.77	1.07	4.60	0.14 7	1.00 0
	100.0 %	23.4 8	1.10	2 400	459	0.00	21.24 1	0.70	19.9 2	0.33	0.997	X	24 01 3	32 00 0	0.75	21.24	1.00	4.60	0.39 1	1.00 0
												Y	2 801	12 00 0	0.23	22.77	1.07	4.60	0.14 7	1.00 0
	0%	33.4 1	1.10	2 400	12 67 6	0.05	21.24 1	0.70	52.5 4	0.86	0.863	X	-4 227	32 00 0	0.13	21.24	1.00	4.55	0.38 9	1.00 0
												Y	6 200	12 00 0	0.52	22.77	1.07	4.55	0.14 6	1.00 0
Trave Legno 4a-5a	25.0%	50.5 3	0.90	2 400	7 888	0.03	17.37 9	0.70	52.5 4	0.86	0.863	X	-5 338	32 00 0	0.17	17.38	1.00	4.55	0.38 9	1.00 0
												Y	2 432	12 00 0	0.20	18.63	1.07	4.55	0.14 6	1.00 0
	50.0%	NS	0.60	2 400	5 051	0.02	11.58 6	0.70	19.7 0	0.32	0.997	X	-2 757	32 00 0	0.09	11.59	1.00	4.55	0.38 9	1.00 0
												Y	39	12 00 0	0.00	12.42	1.07	4.55	0.14 6	1.00 0
	75.0%	54.2 6	1.10	2 400	5 650	0.02	21.24 1	0.70	52.5 4	0.86	0.863	X	4 313	32 00 0	0.13	21.24	1.00	4.55	0.38 9	1.00 0
												Y	-3 471	12 00 0	0.29	22.77	1.07	4.55	0.14 6	1.00 0
	100%	26.6 2	1.10	2 400	5 650	0.02	21.24 1	0.70	52.5 4	0.86	0.863	X	11 43 6	32 00 0	0.36	21.24	1.00	4.55	0.38 9	1.00 0
												Y	-6 696	12 00 0	0.56	22.77	1.07	4.55	0.14 6	1.00 0
	0%	38.7 7	1.10	384	3 069	0.08	18.20 7	0.70	108. 25	1.72	0.315	X	519	1 536	0.34	19.95	1.10	5.00	0.45 3	1.00 0
												Y	0	1 024	0.00	20.03	1.10	5.00	0.00 0	0.00 0
Trave Legno 9a-10a	25.0%	3.54	0.90	384	0	0.00	14.89 7	0.70	72.1 7	1.15	0.642	X	-7 092	1 536	4.62	16.33	1.10	5.00	0.45 3	1.00 0
												Y	0	1 024	0.00	16.39	1.10	5.00	0.00 0	0.00 0
	50.0%	2.64	0.90	384	0	0.00	14.89 7	0.70	72.1 7	1.15	0.642	X	-9 490	1 536	6.18	16.33	1.10	5.00	0.45 3	1.00 0
												Y	0	1 024	0.00	16.39	1.10	5.00	0.00 0	0.00 0
	75.0%	3.54	0.90	384	0	0.00	14.89 7	0.70	72.1 7	1.15	0.642	X	-7 089	1 536	4.62	16.33	1.10	5.00	0.45 3	1.00 0
												Y	0	1 024	0.00	16.39	1.10	5.00	0.00 0	0.00 0
	100%	59.1 7	1.10	384	0	0.00	18.20 7	0.70	72.1 7	1.15	0.642	X	518	1 536	0.34	19.95	1.10	5.00	0.45 3	1.00 0
												Y	0	1 024	0.00	20.03	1.10	5.00	0.00 0	0.00 0
	0%	28.8 6	0.90	384	0	0.00	14.89 7	0.70	72.1 7	1.15	0.642	X	869	1 536	0.57	16.33	1.10	5.00	0.45 3	1.00 0
												Y	0	1 024	0.00	16.39	1.10	5.00	0.00 0	0.00 0
	25.0%	4.10	0.90	384	0	0.00	14.89 7	0.70	72.1 7	1.15	0.642	X	-6 121	1 536	3.99	16.33	1.10	5.00	0.45 3	1.00 0
												Y	0	1 024	0.00	16.39	1.10	5.00	0.00 0	0.00 0

Travi (LG) - Verifiche a instabilità per pressoflessione retta/deviata																				
Id _{Tr}	%L _{LT}	CS	k _{mod}	A	N _{Ed}	σ _{c,0d}	f _{c,0d}	K _m	λ _N	λ _{rel,N}	K _{crit,c}	D _{i,r}	M _{Ed}	W	σ _{md}	f _{md}	K _h	L _{LT}	λ _{rel}	K _{crit,m}
	[%]			[cm ²]	[N]	[N/mm ²]	[N/mm ²]						[N·m]	[cm ³]	[N/mm ²]	[N/mm ²]		[m]		
Trave Legno 14a-15a	50.0%	2.97	0.90	384	0	0.00	14.89 ₇	0.70	72.1 ₇	1.15	0.642	X Y	-8 453 0	1 536 1 024	5.50 0.00	16.33 16.39	1.10 1.10	5.00 5.00	0.45 ₃ 0.00 ₀	1.00 ₀ 0.00 ₀
	75.0%	4.10	0.90	384	0	0.00	14.89 ₇	0.70	72.1 ₇	1.15	0.642	X Y	-6 119 0	1 536 1 024	3.98 0.00	16.33 16.39	1.10 1.10	5.00 5.00	0.45 ₃ 0.00 ₀	1.00 ₀ 0.00 ₀
	100%	28.7 ₉	0.90	384	0	0.00	14.89 ₇	0.70	72.1 ₇	1.15	0.642	X Y	871 0	1 536 1 024	0.57 0.00	16.33 16.39	1.10 1.10	5.00 5.00	0.45 ₃ 0.00 ₀	1.00 ₀ 0.00 ₀
	0%	21.3 ₃	1.10	384	4 484	0.12	18.20 ₇	0.70	72.1 ₇	1.15	0.642	X Y	1 131 0	1 536 1 024	0.74 0.00	19.95 20.03	1.10 1.10	5.00 5.00	0.45 ₃ 0.00 ₀	1.00 ₀ 0.00 ₀
	25.0%	4.15	0.90	384	0	0.00	14.89 ₇	0.70	72.1 ₇	1.15	0.642	X Y	-6 036 0	1 536 1 024	3.93 0.00	16.33 16.39	1.10 1.10	5.00 5.00	0.45 ₃ 0.00 ₀	1.00 ₀ 0.00 ₀
	50.0%	3.03	0.90	384	0	0.00	14.89 ₇	0.70	72.1 ₇	1.15	0.642	X Y	-8 277 0	1 536 1 024	5.39 0.00	16.33 16.39	1.10 1.10	5.00 5.00	0.45 ₃ 0.00 ₀	1.00 ₀ 0.00 ₀
Trave Legno 3-3a	75.0%	4.15	0.90	384	0	0.00	14.89 ₇	0.70	72.1 ₇	1.15	0.642	X Y	-6 037 0	1 536 1 024	3.93 0.00	16.33 16.39	1.10 1.10	5.00 5.00	0.45 ₃ 0.00 ₀	1.00 ₀ 0.00 ₀
	100%	22.8 ₅	1.10	384	3 112	0.08	18.20 ₇	0.70	72.1 ₇	1.15	0.642	X Y	1 129 0	1 536 1 024	0.74 0.00	19.95 20.03	1.10 1.10	5.00 5.00	0.45 ₃ 0.00 ₀	1.00 ₀ 0.00 ₀
	0%	6.00	0.90	2 400	35 28 ₀	0.15	17.37 ₉	0.70	1.83	0.03	1.000	X Y	84 87 ₈ 1 776	32 00 ₀ 12 00 ₀	2.65 0.15	17.38 18.63	1.00 1.07	0.42 0.42	0.11 ₉ 0.04 ₅	1.00 ₀ 1.00 ₀
	25.0%	6.68	0.90	2 400	35 28 ₀	0.15	17.37 ₉	0.70	1.83	0.03	1.000	X Y	75 84 ₇ 1 552	32 00 ₀ 12 00 ₀	2.37 0.13	17.38 18.63	1.00 1.07	0.42 0.42	0.11 ₉ 0.04 ₅	1.00 ₀ 1.00 ₀
	50.0%	7.53	0.90	2 400	35 28 ₀	0.15	17.37 ₉	0.70	1.83	0.03	1.000	X Y	66 83 ₇ 1 326	32 00 ₀ 12 00 ₀	2.09 0.11	17.38 18.63	1.00 1.07	0.42 0.42	0.11 ₉ 0.04 ₅	1.00 ₀ 1.00 ₀
	75.1%	8.63	0.90	2 400	35 28 ₀	0.15	17.37 ₉	0.70	1.83	0.03	1.000	X Y	57 85 ₄ 1 101	32 00 ₀ 12 00 ₀	1.81 0.09	17.38 18.63	1.00 1.07	0.42 0.42	0.11 ₉ 0.04 ₅	1.00 ₀ 1.00 ₀
Trave Legno 2a-3a	100%	10.0 ₉	0.90	2 400	35 28 ₀	0.15	17.37 ₉	0.70	1.83	0.03	1.000	X Y	48 88 ₈ 876	32 00 ₀ 12 00 ₀	1.53 0.07	17.38 18.63	1.00 1.07	0.42 0.42	0.11 ₉ 0.04 ₅	1.00 ₀ 1.00 ₀
	0%	8.27	0.90	384	0	0.00	14.89 ₇	0.70	72.1 ₇	1.15	0.642	X Y	3 032 0	1 536 1 024	1.97 0.00	16.33 16.39	1.10 1.10	5.00 5.00	0.45 ₃ 0.00 ₀	1.00 ₀ 0.00 ₀
	25.0%	6.05	0.90	384	0	0.00	14.89 ₇	0.70	72.1 ₇	1.15	0.642	X Y	-4 142 0	1 536 1 024	2.70 0.00	16.33 16.39	1.10 1.10	5.00 5.00	0.45 ₃ 0.00 ₀	1.00 ₀ 0.00 ₀
	50.0%	3.83	0.90	384	0	0.00	14.89 ₇	0.70	72.1 ₇	1.15	0.642	X Y	-6 540 0	1 536 1 024	4.26 0.00	16.33 16.39	1.10 1.10	5.00 5.00	0.45 ₃ 0.00 ₀	1.00 ₀ 0.00 ₀
Trave Legno 4-4a	75.0%	6.06	0.90	384	0	0.00	14.89 ₇	0.70	72.1 ₇	1.15	0.642	X Y	-4 139 0	1 536 1 024	2.69 0.00	16.33 16.39	1.10 1.10	5.00 5.00	0.45 ₃ 0.00 ₀	1.00 ₀ 0.00 ₀
	100%	8.27	0.90	384	0	0.00	14.89 ₇	0.70	72.1 ₇	1.15	0.642	X Y	3 031 0	1 536 1 024	1.97 0.00	16.33 16.39	1.10 1.10	5.00 5.00	0.45 ₃ 0.00 ₀	1.00 ₀ 0.00 ₀
	0%	6.46	0.90	2 400	35 19 ₇	0.15	17.37 ₉	0.70	1.83	0.03	1.000	X Y	81 20 ₂ 118	32 00 ₀ 12 00 ₀	2.54 0.01	17.38 18.63	1.00 1.07	0.42 0.42	0.11 ₉ 0.04 ₅	1.00 ₀ 1.00 ₀
	25.0%	6.81	0.90	2 400	35 19 ₇	0.15	17.37 ₉	0.70	1.83	0.03	1.000	X Y	72 25 ₃ 2 737	32 00 ₀ 12 00 ₀	2.26 0.23	17.38 18.63	1.00 1.07	0.42 0.42	0.11 ₉ 0.04 ₅	1.00 ₀ 1.00 ₀
	50.0%	7.19	0.90	2 400	35 19 ₇	0.15	17.37 ₉	0.70	1.83	0.03	1.000	X Y	63 32 ₈ 5 350	32 00 ₀ 12 00 ₀	1.98 0.45	17.38 18.63	1.00 1.07	0.42 0.42	0.11 ₉ 0.04 ₅	1.00 ₀ 1.00 ₀

Travi (LG) - Verifiche a instabilità per pressoflessione retta/deviata

Id _{Tr}	%L _{LI}	CS	k _{mod}	A	N _{Ed}	σ _{c,0d}	f _{c,0d}	K _m	λ _N	λ _{rel,N}	K _{crit,c}	D _i r	M _{Ed}	W	σ _{md}	f _{md}	K _h	L _{LI}	λ _{rel}	K _{crit,m}
	[%]			[cm ²]	[N]	[N/mm ²]	[N/mm ²]						[N·m]	[cm ³]	[N/mm ²]	[N/mm ²]		[m]		
Trave Legno 3a-4a	75.1%	7.62	0.90	2 400	35 19 7	0.15	17.37 9	0.70	1.83	0.03	1.000	X	54 42 7	32 00 0	1.70	17.38	1.00	0.42	0.11 9	1.00 0
												Y	7 969	12 00 0	0.66	18.63	1.07	0.42	0.04 5	1.00 0
	100%	8.10	0.90	2 400	35 13 6	0.15	17.37 9	0.70	1.83	0.03	1.000	X	45 56 4	32 00 0	1.42	17.38	1.00	0.42	0.11 9	1.00 0
												Y	10 58 3	12 00 0	0.88	18.63	1.07	0.42	0.04 5	1.00 0
	0%	8.02	0.90	384	0	0.00	14.89 7	0.70	72.1 7	1.15	0.642	X	3 128	1 536	2.04	16.33	1.10	5.00	0.45 3	1.00 0
												Y	0	1 024	0.00	16.39	1.10	5.00	0.00 0	0.00 0
	25.0%	6.16	0.90	384	0	0.00	14.89 7	0.70	72.1 7	1.15	0.642	X	-4 072	1 536	2.65	16.33	1.10	5.00	0.45 3	1.00 0
												Y	0	1 024	0.00	16.39	1.10	5.00	0.00 0	0.00 0
	50.0%	3.88	0.90	384	0	0.00	14.89 7	0.70	72.1 7	1.15	0.642	X	-6 469	1 536	4.21	16.33	1.10	5.00	0.45 3	1.00 0
												Y	0	1 024	0.00	16.39	1.10	5.00	0.00 0	0.00 0
	75.0%	6.16	0.90	384	0	0.00	14.89 7	0.70	72.1 7	1.15	0.642	X	-4 070	1 536	2.65	16.33	1.10	5.00	0.45 3	1.00 0
												Y	0	1 024	0.00	16.39	1.10	5.00	0.00 0	0.00 0
Trave Legno 5-5a	100.0 %	8.00	0.90	384	0	0.00	14.89 7	0.70	72.1 7	1.15	0.642	X	3 134	1 536	2.04	16.33	1.10	5.00	0.45 3	1.00 0
												Y	0	1 024	0.00	16.39	1.10	5.00	0.00 0	0.00 0
	0%	38.4 9	1.10	2 400	21 99 6	0.09	21.24 1	0.70	4.43	0.07	1.000	X	-12 01 7	32 00 0	0.38	21.24	1.00	1.02	0.18 5	1.00 0
												Y	1 555	12 00 0	0.13	22.77	1.07	1.02	0.06 9	1.00 0
	25.0%	44.4 3	1.10	2 400	21 99 6	0.09	21.24 1	0.70	4.43	0.07	1.000	X	-10 71 1	32 00 0	0.33	21.24	1.00	1.02	0.18 5	1.00 0
												Y	950	12 00 0	0.08	22.77	1.07	1.02	0.06 9	1.00 0
	50.0%	45.7 2	1.10	2 400	21 99 6	0.09	21.24 1	0.70	4.43	0.07	1.000	X	-9 327	32 00 0	0.29	21.24	1.00	1.02	0.18 5	1.00 0
												Y	1 497	12 00 0	0.12	22.77	1.07	1.02	0.06 9	1.00 0
	75.0%	36.7 1	1.10	2 400	17 50 7	0.07	21.24 1	0.70	4.43	0.07	1.000	X	-12 09 7	32 00 0	0.38	21.24	1.00	1.02	0.18 5	1.00 0
												Y	2 344	12 00 0	0.20	22.77	1.07	1.02	0.06 9	1.00 0
	100%	29.1 3	1.10	2 400	17 50 7	0.07	21.24 1	0.70	4.43	0.07	1.000	X	-14 89 0	32 00 0	0.47	21.24	1.00	1.02	0.18 5	1.00 0
												Y	3 508	12 00 0	0.29	22.77	1.07	1.02	0.06 9	1.00 0
Trave Legno 1-1a	0%	64.3 0	1.10	2 400	10 13 2	0.04	21.24 1	0.70	4.43	0.07	1.000	X	-6 911	32 00 0	0.22	21.24	1.00	1.02	0.18 5	1.00 0
												Y	1 326	12 00 0	0.11	22.77	1.07	1.02	0.06 9	1.00 0
	25.0%	84.3 6	1.10	2 400	10 13 2	0.04	21.24 1	0.70	4.43	0.07	1.000	X	-5 907	32 00 0	0.18	21.24	1.00	1.02	0.18 5	1.00 0
												Y	459	12 00 0	0.04	22.77	1.07	1.02	0.06 9	1.00 0
	50.0%	72.1 8	0.60	2 400	640	0.00	11.58 6	0.70	4.43	0.07	1.000	X	-4 027	32 00 0	0.13	11.59	1.00	1.02	0.18 5	1.00 0
												Y	588	12 00 0	0.05	12.42	1.07	1.02	0.06 9	1.00 0
	75.0%	47.1 6	1.10	2 400	3 808	0.02	21.24 1	0.70	11.8 2	0.19	1.000	X	-6 056	32 00 0	0.19	21.24	1.00	1.02	0.18 5	1.00 0
												Y	3 885	12 00 0	0.32	22.77	1.07	1.02	0.06 9	1.00 0
	100%	34.3 0	1.10	2 400	3 808	0.02	21.24 1	0.70	11.8 2	0.19	1.000	X	-7 498	32 00 0	0.23	21.24	1.00	1.02	0.18 5	1.00 0
												Y	5 651	12 00 0	0.47	22.77	1.07	1.02	0.06 9	1.00 0
	0%	12.6 9	1.10	384	10 94 3	0.28	18.20 7	0.70	107. 17	1.71	0.321	X	-1 316	1 536	0.86	19.95	1.10	4.95	0.45 1	1.00 0
												Y	0	1 024	0.00	20.03	1.10	4.95	0.00 0	0.00 0
Trave Legno 1a-2a	25.0%	3.17	0.90	384	4 774	0.12	14.89 7	0.70	71.4 5	1.14	0.652	X	-7 600	1 536	4.95	16.33	1.10	4.95	0.45 1	1.00 0
												Y	0	1 024	0.00	16.39	1.10	4.95	0.00 0	0.00 0
	50.0%	2.44	0.90	384	4 774	0.12	14.89 7	0.70	71.4 5	1.14	0.652	X	-9 951	1 536	6.48	16.33	1.10	4.95	0.45 1	1.00 0
												Y	0	1 024	0.00	16.39	1.10	4.95	0.00 0	0.00 0
	75.0%	3.17	0.90	384	4 774	0.12	14.89 7	0.70	71.4 5	1.14	0.652	X	-7 601	1 536	4.95	16.33	1.10	4.95	0.45 1	1.00 0
												Y	0	1 024	0.00	16.39	1.10	4.95	0.00 0	0.00 0

Travi (LG) - Verifiche a instabilità per pressoflessione retta/deviata																				
Id _{Tr}	%L _{LI}	CS	k _{mod}	A	N _{Ed}	σ _{c,0d}	f _{c,0d}	K _m	λ _N	λ _{rel,N}	K _{crit,c}	D _{i,r}	M _{Ed}	W	σ _{md}	f _{md}	K _h	L _{LI}	λ _{rel}	K _{crit,m}
	[%]			[cm ²]	[N]	[N/mm ²]	[N/mm ²]						[N·m]	[cm ³]	[N/mm ²]	[N/mm ²]		[m]		
Trave Legno 2-2a	100%	14.68	1.10	384	10 943	0.28	18.207	0.70	107.17	1.71	0.321	X	-847	1 536	0.55	19.95	1.10	4.95	0.451	1.000
												Y	0	1 024	0.00	20.03	1.10	4.95	0.000	0.000
	0%	5.99	0.90	2 400	35 211	0.15	17.379	0.70	1.83	0.03	1.000	X	81 666	32 000	2.55	17.38	1.00	0.42	0.119	1.000
												Y	3 757	12 000	0.31	18.63	1.07	0.42	0.045	1.000
	25.0%	7.12	0.90	2 400	35 211	0.15	17.379	0.70	1.83	0.03	1.000	X	72 737	32 000	2.27	17.38	1.00	0.42	0.119	1.000
												Y	373	12 000	0.03	18.63	1.07	0.42	0.045	1.000
Trave Legno 3a-8a	50.0%	7.49	0.90	2 400	35 711	0.15	17.379	0.70	1.83	0.03	1.000	X	63 979	32 000	2.00	17.38	1.00	0.42	0.119	1.000
												Y	-3 152	12 000	0.26	18.63	1.07	0.42	0.045	1.000
	75.1%	7.81	0.90	2 400	35 711	0.15	17.379	0.70	1.83	0.03	1.000	X	55 088	32 000	1.72	17.38	1.00	0.42	0.119	1.000
												Y	-6 501	12 000	0.54	18.63	1.07	0.42	0.045	1.000
	100%	8.16	0.90	2 400	35 711	0.15	17.379	0.70	1.83	0.03	1.000	X	46 218	32 000	1.44	17.38	1.00	0.42	0.119	1.000
												Y	-9 853	12 000	0.82	18.63	1.07	0.42	0.045	1.000
Trave Legno 3a-8a	0%	10.09	0.90	2 400	35 280	0.15	17.379	0.70	5.13	0.08	1.000	X	48 889	32 000	1.53	17.38	1.00	1.19	0.199	1.000
												Y	877	12 000	0.07	18.63	1.07	1.19	0.074	1.000
	25.0%	16.51	0.90	2 400	35 280	0.15	17.379	0.70	5.13	0.08	1.000	X	28 222	32 000	0.88	17.38	1.00	1.19	0.199	1.000
												Y	435	12 000	0.04	18.63	1.07	1.19	0.074	1.000
	50.0%	40.58	1.10	2 400	34 573	0.14	21.241	0.70	5.13	0.08	1.000	X	7 196	32 000	0.22	21.24	1.00	1.19	0.199	1.000
												Y	-2 838	12 000	0.24	22.77	1.07	1.19	0.074	1.000
Trave Legno 7a-8a	75.0%	29.26	1.10	2 400	33 945	0.14	21.241	0.70	5.13	0.08	1.000	X	-11 164	32 000	0.35	21.24	1.00	1.19	0.199	1.000
												Y	-4 328	12 000	0.36	22.77	1.07	1.19	0.074	1.000
	100.0%	14.16	0.90	2 400	34 536	0.14	17.379	0.70	5.13	0.08	1.000	X	-32 906	32 000	1.03	17.38	1.00	1.19	0.199	1.000
												Y	-1 013	12 000	0.08	18.63	1.07	1.19	0.074	1.000
	0%	16.09	0.90	384	0	0.00	14.897	0.70	72.17	1.15	0.642	X	1 559	1 536	1.01	16.33	1.10	5.00	0.453	1.000
												Y	0	1 024	0.00	16.39	1.10	5.00	0.000	0.000
Trave Legno 7a-8a	25.0%	4.63	0.90	384	0	0.00	14.897	0.70	72.17	1.15	0.642	X	-5 419	1 536	3.53	16.33	1.10	5.00	0.453	1.000
												Y	0	1 024	0.00	16.39	1.10	5.00	0.000	0.000
	50.0%	3.23	0.90	384	0	0.00	14.897	0.70	72.17	1.15	0.642	X	-7 752	1 536	5.05	16.33	1.10	5.00	0.453	1.000
												Y	0	1 024	0.00	16.39	1.10	5.00	0.000	0.000
	75.0%	4.62	0.90	384	0	0.00	14.897	0.70	72.17	1.15	0.642	X	-5 423	1 536	3.53	16.33	1.10	5.00	0.453	1.000
												Y	0	1 024	0.00	16.39	1.10	5.00	0.000	0.000
Trave Legno 7a-8a	100%	16.16	0.90	384	0	0.00	14.897	0.70	72.17	1.15	0.642	X	1 552	1 536	1.01	16.33	1.10	5.00	0.453	1.000
												Y	0	1 024	0.00	16.39	1.10	5.00	0.000	0.000
	0%	8.09	0.90	2 400	35 136	0.15	17.379	0.70	5.13	0.08	1.000	X	45 585	32 000	1.42	17.38	1.00	1.19	0.199	1.000
												Y	10 585	12 000	0.88	18.63	1.07	1.19	0.074	1.000
	25.0%	11.52	0.90	2 400	35 136	0.15	17.379	0.70	13.68	0.22	1.000	X	25 149	32 000	0.79	17.38	1.00	1.19	0.199	1.000
												Y	10 451	12 000	0.87	18.63	1.07	1.19	0.074	1.000
Trave Legno 4a-9a	50.0%	16.47	0.90	2 400	35 136	0.15	17.379	0.70	13.68	0.22	1.000	X	4 889	32 000	0.15	17.38	1.00	1.19	0.199	1.000
												Y	10 317	12 000	0.86	18.63	1.07	1.19	0.074	1.000
	75.0%	13.68	0.90	2 400	35 136	0.15	17.379	0.70	13.68	0.22	1.000	X	-15 188	32 000	0.47	17.38	1.00	1.19	0.199	1.000
												Y	10 181	12 000	0.85	18.63	1.07	1.19	0.074	1.000
	100.0%	9.71	0.90	2 400	35 136	0.15	17.379	0.70	5.13	0.08	1.000	X	-35 090	32 000	1.10	17.38	1.00	1.19	0.199	1.000
												Y	10 045	12 000	0.84	18.63	1.07	1.19	0.074	1.000

Travi (LG) - Verifiche a instabilità per pressoflessione retta/deviata																					
Id _{Tr}	%L _{LT}	CS	k _{mod}	A	N _{Ed}	σ _{c,0d}	f _{c,0d}	K _m	λ _N	λ _{rel,N}	K _{crit,c}	D _{i,r}	M _{Ed}	W	σ _{md}	f _{md}	K _h	L _{LT}	λ _{rel}	K _{crit,m}	
	[%]			[cm ²]	[N]	[N/mm ²]	[N/mm ²]						[N·m]	[cm ³]	[N/mm ²]	[N/mm ²]		[m]			
Trave Legno 8a-9a	0%	15.2 ₇	0.90	384	0	0.00	14.89 ₇	0.70	72.1 ₇	1.15	0.642	X Y	1 642 0	1 536 1 024	1.07 0.00	16.33 16.39	1.10 1.10	5.00 5.00	0.45 ₃ 0.00 ₀	1.00 ₀ 0.00 ₀	
	25.0%	4.69	0.90	384	0	0.00	14.89 ₇	0.70	72.1 ₇	1.15	0.642	X Y	-5 345 0	1 536 1 024	3.48 0.00	16.33 16.39	1.10 1.10	5.00 5.00	0.45 ₃ 0.00 ₀	1.00 ₀ 0.00 ₀	
	50.0%	3.27	0.90	384	0	0.00	14.89 ₇	0.70	72.1 ₇	1.15	0.642	X Y	-7 677 0	1 536 1 024	5.00 0.00	16.33 16.39	1.10 1.10	5.00 5.00	0.45 ₃ 0.00 ₀	1.00 ₀ 0.00 ₀	
	75.0%	4.69	0.90	384	0	0.00	14.89 ₇	0.70	72.1 ₇	1.15	0.642	X Y	-5 344 0	1 536 1 024	3.48 0.00	16.33 16.39	1.10 1.10	5.00 5.00	0.45 ₃ 0.00 ₀	1.00 ₀ 0.00 ₀	
	100.0 %	15.2 ₁	0.90	384	0	0.00	14.89 ₇	0.70	72.1 ₇	1.15	0.642	X Y	1 649 0	1 536 1 024	1.07 0.00	16.33 16.39	1.10 1.10	5.00 5.00	0.45 ₃ 0.00 ₀	1.00 ₀ 0.00 ₀	
	Trave Legno 5a-10a	0%	30.8 ₄	1.10	2 400	18 23 ₄	0.08	21.24 ₁	0.70	5.13	0.08	1.000	X Y	-13 50 ₁ 3 508	32 00 ₀ 12 00 ₀	0.42 0.29	21.24 22.77	1.00 1.07	1.19 1.19	0.19 ₉ 0.07 ₄	1.00 ₀ 1.00 ₀
		25.0%	33.4 ₄	1.10	2 400	17 84 ₁	0.07	21.24 ₁	0.70	5.13	0.08	1.000	X Y	-10 87 ₄ 4 063	32 00 ₀ 12 00 ₀	0.34 0.34	21.24 22.77	1.00 1.07	1.19 1.19	0.19 ₉ 0.07 ₄	1.00 ₀ 1.00 ₀
		50.0%	31.2 ₂	1.10	2 400	12 70 ₇	0.05	21.24 ₁	0.70	13.6 ₈	0.22	1.000	X Y	-7 807 5 873	32 00 ₀ 12 00 ₀	0.24 0.49	21.24 22.77	1.00 1.07	1.19 1.19	0.19 ₉ 0.07 ₄	1.00 ₀ 1.00 ₀
		75.0%	25.6 ₄	1.10	2 400	10 99 ₁	0.05	21.24 ₁	0.70	13.6 ₈	0.22	1.000	X Y	-8 293 7 731	32 00 ₀ 12 00 ₀	0.26 0.64	21.24 22.77	1.00 1.07	1.19 1.19	0.19 ₉ 0.07 ₄	1.00 ₀ 1.00 ₀
		100.0 %	21.7 ₁	1.10	2 400	10 99 ₁	0.05	21.24 ₁	0.70	13.6 ₈	0.22	1.000	X Y	-8 717 9 543	32 00 ₀ 12 00 ₀	0.27 0.80	21.24 22.77	1.00 1.07	1.19 1.19	0.19 ₉ 0.07 ₄	1.00 ₀ 1.00 ₀
Trave Legno 1a-6a		0%	35.5 ₁	1.10	2 400	6 011	0.03	21.24 ₁	0.70	13.6 ₈	0.22	1.000	X Y	-6 116 5 651	32 00 ₀ 12 00 ₀	0.19 0.47	21.24 22.77	1.00 1.07	1.19 1.19	0.19 ₉ 0.07 ₄	1.00 ₀ 1.00 ₀
	25.0%	42.9 ₄	1.10	2 400	6 011	0.03	21.24 ₁	0.70	13.6 ₈	0.22	1.000	X Y	-5 257 4 561	32 00 ₀ 12 00 ₀	0.16 0.38	21.24 22.77	1.00 1.07	1.19 1.19	0.19 ₉ 0.07 ₄	1.00 ₀ 1.00 ₀	
	50.0%	47.1 ₅	1.10	2 400	6 011	0.03	21.24 ₁	0.70	13.6 ₈	0.22	1.000	X Y	-4 292 -4 265	32 00 ₀ 12 00 ₀	0.13 0.36	21.24 22.77	1.00 1.07	1.19 1.19	0.19 ₉ 0.07 ₄	1.00 ₀ 1.00 ₀	
	75.0%	42.1 ₅	0.90	2 400	929	0.00	17.37 ₉	0.70	5.13	0.08	1.000	X Y	-8 397 -2 683	32 00 ₀ 12 00 ₀	0.26 0.22	17.38 18.63	1.00 1.07	1.19 1.19	0.19 ₉ 0.07 ₄	1.00 ₀ 1.00 ₀	
	100.0 %	35.2 ₂	1.10	2 400	940	0.00	21.24 ₁	0.70	13.6 ₈	0.22	1.000	X Y	-8 273 -5 378	32 00 ₀ 12 00 ₀	0.26 0.45	21.24 22.77	1.00 1.07	1.19 1.19	0.19 ₉ 0.07 ₄	1.00 ₀ 1.00 ₀	
	Trave Legno 6a-7a	0%	36.1 ₃	0.90	384	0	0.00	14.89 ₇	0.70	71.4 ₅	1.14	0.652	X Y	694 0	1 536 1 024	0.45 0.00	16.33 16.39	1.10 1.10	4.95 4.95	0.45 ₁ 0.00 ₀	1.00 ₀ 0.00 ₀
25.0%		4.09	0.90	384	0	0.00	14.89 ₇	0.70	71.4 ₅	1.14	0.652	X Y	-6 136 0	1 536 1 024	3.99 0.00	16.33 16.39	1.10 1.10	4.95 4.95	0.45 ₁ 0.00 ₀	1.00 ₀ 0.00 ₀	
50.0%		2.98	0.90	384	0	0.00	14.89 ₇	0.70	71.4 ₅	1.14	0.652	X Y	-8 419 0	1 536 1 024	5.48 0.00	16.33 16.39	1.10 1.10	4.95 4.95	0.45 ₁ 0.00 ₀	1.00 ₀ 0.00 ₀	
75.0%		4.09	0.90	384	0	0.00	14.89 ₇	0.70	71.4 ₅	1.14	0.652	X Y	-6 131 0	1 536 1 024	3.99 0.00	16.33 16.39	1.10 1.10	4.95 4.95	0.45 ₁ 0.00 ₀	1.00 ₀ 0.00 ₀	
100%		36.1 ₃	0.90	384	0	0.00	14.89 ₇	0.70	71.4 ₅	1.14	0.652	X Y	694 0	1 536 1 024	0.45 0.00	16.33 16.39	1.10 1.10	4.95 4.95	0.45 ₁ 0.00 ₀	1.00 ₀ 0.00 ₀	
Trave Legno 2a-7a	0%	8.16	0.90	2 400	35 71 ₁	0.15	17.37 ₉	0.70	5.13	0.08	1.000	X Y	46 23 ₅ -9 852	32 00 ₀ 12 00 ₀	1.44 0.82	17.38 18.63	1.00 1.07	1.19 1.19	0.19 ₉ 0.07 ₄	1.00 ₀ 1.00 ₀	

Travi (LG) - Verifiche a instabilità per pressoflessione retta/deviata																					
Id _{Tr}	%L _{LI}	CS	k _{mod}	A	N _{Ed}	σ _{c,0d}	f _{c,0d}	K _m	λ _N	λ _{rel,N}	K _{crit,c}	D _r	M _{Ed}	W	σ _{md}	f _{md}	K _h	L _{LI}	λ _{rel}	K _{crit,m}	
	[%]			[cm ²]	[N]	[N/mm ²]	[N/mm ²]						[N·m]	[cm ³]	[N/mm ²]	[N/mm ²]		[m]			
Trave Legno 6a-11a	25.0%	11.4 ₃	0.90	2 400	35 71 ₁	0.15	17.37 ₉	0.70	13.6 ₈	0.22	1.000	X	25 81 ₁	32 00 ₀	0.81	17.38	1.00	1.19	0.19 ₉	1.00 ₀	
												Y	-10 37 ₇	12 00 ₀	0.86	18.63	1.07	1.19	0.07 ₄	1.00 ₀	
	50.0%	15.5 ₅	0.90	2 400	35 71 ₁	0.15	17.37 ₉	0.70	13.6 ₈	0.22	1.000	X	5 566	32 00 ₀	0.17	17.38	1.00	1.19	0.19 ₉	1.00 ₀	
												Y	-10 89 ₈	12 00 ₀	0.91	18.63	1.07	1.19	0.07 ₄	1.00 ₀	
	75.0%	12.7 ₉	0.90	2 400	35 23 ₁	0.15	17.37 ₉	0.70	13.6 ₈	0.22	1.000	X	-14 61 ₀	32 00 ₀	0.46	17.38	1.00	1.19	0.19 ₉	1.00 ₀	
													Y	-11 48 ₃	12 00 ₀	0.96	18.63	1.07	1.19	0.07 ₄	1.00 ₀
	100.0 %	9.24	0.90	2 400	35 21 ₁	0.15	17.37 ₉	0.70	5.13	0.08	1.000	X	-34 48 ₆	32 00 ₀	1.08	17.38	1.00	1.19	0.19 ₉	1.00 ₀	
													Y	-12 04 ₉	12 00 ₀	1.00	18.63	1.07	1.19	0.07 ₄	1.00 ₀
	0%	31.9 ₅	1.10	2 400	6 580	0.03	21.24 ₁	0.70	13.6 ₁	0.22	1.000	X	-10 02 ₃	32 00 ₀	0.31	21.24	1.00	1.18	0.19 ₈	1.00 ₀	
													Y	-5 377	12 00 ₀	0.45	22.77	1.07	1.18	0.07 ₄	1.00 ₀
	25.0%	36.8 ₃	1.10	2 400	5 163	0.02	21.24 ₁	0.70	13.6 ₁	0.22	1.000	X	-6 116	32 00 ₀	0.19	21.24	1.00	1.18	0.19 ₈	1.00 ₀	
													Y	-5 420	12 00 ₀	0.45	22.77	1.07	1.18	0.07 ₄	1.00 ₀
Trave Legno 11a-12a	50.0%	36.1 ₅	1.10	2 400	2 419	0.01	21.24 ₁	0.70	13.6 ₁	0.22	1.000	X	-2 201	32 00 ₀	0.07	21.24	1.00	1.18	0.19 ₈	1.00 ₀	
												Y	-6 808	12 00 ₀	0.57	22.77	1.07	1.18	0.07 ₄	1.00 ₀	
	75.0%	30.0 ₇	1.10	2 400	2 419	0.01	21.24 ₁	0.70	13.6 ₁	0.22	1.000	X	3 066	32 00 ₀	0.10	21.24	1.00	1.18	0.19 ₈	1.00 ₀	
												Y	-8 092	12 00 ₀	0.67	22.77	1.07	1.18	0.07 ₄	1.00 ₀	
	100.0 %	24.6 ₄	1.10	2 400	2 419	0.01	21.24 ₁	0.70	13.6 ₁	0.22	1.000	X	5 630	32 00 ₀	0.18	21.24	1.00	1.18	0.19 ₈	1.00 ₀	
													Y	-9 374	12 00 ₀	0.78	22.77	1.07	1.18	0.07 ₄	1.00 ₀
	0%	41.5 ₉	0.90	384	0	0.00	14.89 ₇	0.70	71.4 ₅	1.14	0.652	X	603	1 536	0.39	16.33	1.10	4.95	0.45 ₁	1.00 ₀	
													Y	0	1 024	0.00	16.39	1.10	4.95	0.00 ₀	0.00 ₀
	25.0%	4.18	0.90	384	0	0.00	14.89 ₇	0.70	71.4 ₅	1.14	0.652	X	-5 997	1 536	3.90	16.33	1.10	4.95	0.45 ₁	1.00 ₀	
													Y	0	1 024	0.00	16.39	1.10	4.95	0.00 ₀	0.00 ₀
	50.0%	3.06	0.90	384	0	0.00	14.89 ₇	0.70	71.4 ₅	1.14	0.652	X	-8 197	1 536	5.34	16.33	1.10	4.95	0.45 ₁	1.00 ₀	
													Y	0	1 024	0.00	16.39	1.10	4.95	0.00 ₀	0.00 ₀
Trave Legno 7a-12a	75.0%	4.18	0.90	384	0	0.00	14.89 ₇	0.70	71.4 ₅	1.14	0.652	X	-5 995	1 536	3.90	16.33	1.10	4.95	0.45 ₁	1.00 ₀	
													Y	0	1 024	0.00	16.39	1.10	4.95	0.00 ₀	0.00 ₀
	100%	42.2 ₉	0.90	384	0	0.00	14.89 ₇	0.70	71.4 ₅	1.14	0.652	X	593	1 536	0.39	16.33	1.10	4.95	0.45 ₁	1.00 ₀	
													Y	0	1 024	0.00	16.39	1.10	4.95	0.00 ₀	0.00 ₀
	0%	9.25	0.90	2 400	35 21 ₁	0.15	17.37 ₉	0.70	5.11	0.08	1.000	X	-34 47 ₁	32 00 ₀	1.08	17.38	1.00	1.18	0.19 ₈	1.00 ₀	
													Y	-12 04 ₉	12 00 ₀	1.00	18.63	1.07	1.18	0.07 ₄	1.00 ₀
	25.0%	7.63	0.90	2 400	35 21 ₁	0.15	17.37 ₉	0.70	5.11	0.08	1.000	X	-49 96 ₂	32 00 ₀	1.56	17.38	1.00	1.18	0.19 ₈	1.00 ₀	
													Y	-10 48 ₄	12 00 ₀	0.87	18.63	1.07	1.18	0.07 ₄	1.00 ₀
	50.0%	6.50	0.90	2 400	35 21 ₁	0.15	17.37 ₉	0.70	5.11	0.08	1.000	X	-65 27 ₉	32 00 ₀	2.04	17.38	1.00	1.18	0.19 ₈	1.00 ₀	
													Y	-8 922	12 00 ₀	0.74	18.63	1.07	1.18	0.07 ₄	1.00 ₀
	75.0%	5.68	0.90	2 400	35 21 ₁	0.15	17.37 ₉	0.70	5.11	0.08	1.000	X	-80 42 ₀	32 00 ₀	2.51	17.38	1.00	1.18	0.19 ₈	1.00 ₀	
													Y	-7 356	12 00 ₀	0.61	18.63	1.07	1.18	0.07 ₄	1.00 ₀
Trave Legno 8a-13a	100.0 %	5.05	0.90	2 400	35 21 ₁	0.15	17.37 ₉	0.70	5.11	0.08	1.000	X	-95 38 ₈	32 00 ₀	2.98	17.38	1.00	1.18	0.19 ₈	1.00 ₀	
													Y	-5 795	12 00 ₀	0.48	18.63	1.07	1.18	0.07 ₄	1.00 ₀
	0%	14.1 ₆	0.90	2 400	34 53 ₆	0.14	17.37 ₉	0.70	5.11	0.08	1.000	X	-32 90 ₇	32 00 ₀	1.03	17.38	1.00	1.18	0.19 ₈	1.00 ₀	
													Y	-1 011	12 00 ₀	0.08	18.63	1.07	1.18	0.07 ₄	1.00 ₀
	25.0%	10.0 ₃	0.90	2 400	34 53 ₆	0.14	17.37 ₉	0.70	5.11	0.08	1.000	X	-48 60 ₇	32 00 ₀	1.52	17.38	1.00	1.18	0.19 ₈	1.00 ₀	
													Y	-1 290	12 00 ₀	0.11	18.63	1.07	1.18	0.07 ₄	1.00 ₀

Travi (LG) - Verifiche a instabilità per pressoflessione retta/deviata

Id _{Tr}	%L _{LI}	CS	k _{mod}	A	N _{Ed}	σ _{c,0d}	f _{c,0d}	K _m	λ _N	λ _{rel,N}	K _{crit,c}	D _{i,r}	M _{Ed}	W	σ _{md}	f _{md}	K _h	L _{LI}	λ _{rel}	K _{crit,m}
	[%]			[cm ²]	[N]	[N/mm ²]	[N/mm ²]						[N·m]	[cm ³]	[N/mm ²]	[N/mm ²]		[m]		
Trave Legno 12a-13a	50.0%	7.78	0.90	2 400	34 536	0.14	17.379	0.70	5.11	0.08	1.000	X	-64 138	32 000	2.00	17.38	1.00	1.18	0.198	1.000
												Y	-1 568	12 000	0.13	18.63	1.07	1.18	0.074	1.000
	75.0%	6.37	0.90	2 400	34 536	0.14	17.379	0.70	5.11	0.08	1.000	X	-79 490	32 000	2.48	17.38	1.00	1.18	0.198	1.000
												Y	-1 847	12 000	0.15	18.63	1.07	1.18	0.074	1.000
	100.0%	5.40	0.90	2 400	34 536	0.14	17.379	0.70	5.11	0.08	1.000	X	-94 667	32 000	2.96	17.38	1.00	1.18	0.198	1.000
												Y	-2 126	12 000	0.18	18.63	1.07	1.18	0.074	1.000
	0%	14.35	0.90	384	0	0.00	14.897	0.70	72.17	1.15	0.642	X	1 747	1 536	1.14	16.33	1.10	5.00	0.453	1.000
												Y	0	1 024	0.00	16.39	1.10	5.00	0.000	0.000
	25.0%	5.04	0.90	384	0	0.00	14.897	0.70	72.17	1.15	0.642	X	-4 977	1 536	3.24	16.33	1.10	5.00	0.453	1.000
												Y	0	1 024	0.00	16.39	1.10	5.00	0.000	0.000
	50.0%	3.47	0.90	384	0	0.00	14.897	0.70	72.17	1.15	0.642	X	-7 223	1 536	4.70	16.33	1.10	5.00	0.453	1.000
												Y	0	1 024	0.00	16.39	1.10	5.00	0.000	0.000
Trave Legno 9a-14a	75.0%	5.04	0.90	384	0	0.00	14.897	0.70	72.17	1.15	0.642	X	-4 979	1 536	3.24	16.33	1.10	5.00	0.453	1.000
												Y	0	1 024	0.00	16.39	1.10	5.00	0.000	0.000
	100%	14.41	0.90	384	0	0.00	14.897	0.70	72.17	1.15	0.642	X	1 740	1 536	1.13	16.33	1.10	5.00	0.453	1.000
												Y	0	1 024	0.00	16.39	1.10	5.00	0.000	0.000
	0%	9.71	0.90	2 400	35 136	0.15	17.379	0.70	5.11	0.08	1.000	X	-35 078	32 000	1.10	17.38	1.00	1.18	0.198	1.000
												Y	10 046	12 000	0.84	18.63	1.07	1.18	0.074	1.000
	25.0%	8.04	0.90	2 400	35 136	0.15	17.379	0.70	5.11	0.08	1.000	X	-50 570	32 000	1.58	17.38	1.00	1.18	0.198	1.000
												Y	8 003	12 000	0.67	18.63	1.07	1.18	0.074	1.000
	50.0%	6.87	0.90	2 400	35 136	0.15	17.379	0.70	5.11	0.08	1.000	X	-65 889	32 000	2.06	17.38	1.00	1.18	0.198	1.000
												Y	5 960	12 000	0.50	18.63	1.07	1.18	0.074	1.000
	75.0%	6.01	0.90	2 400	35 136	0.15	17.379	0.70	5.11	0.08	1.000	X	-81 034	32 000	2.53	17.38	1.00	1.18	0.198	1.000
												Y	3 916	12 000	0.33	18.63	1.07	1.18	0.074	1.000
Trave Legno 13a-14a	100.0%	5.35	0.90	2 400	35 136	0.15	17.379	0.70	5.11	0.08	1.000	X	-96 002	32 000	3.00	17.38	1.00	1.18	0.198	1.000
												Y	1 874	12 000	0.16	18.63	1.07	1.18	0.074	1.000
	0%	13.96	0.90	384	0	0.00	14.897	0.70	72.17	1.15	0.642	X	1 796	1 536	1.17	16.33	1.10	5.00	0.453	1.000
												Y	0	1 024	0.00	16.39	1.10	5.00	0.000	0.000
	25.0%	5.08	0.90	384	0	0.00	14.897	0.70	72.17	1.15	0.642	X	-4 936	1 536	3.21	16.33	1.10	5.00	0.453	1.000
												Y	0	1 024	0.00	16.39	1.10	5.00	0.000	0.000
	50.0%	3.49	0.90	384	0	0.00	14.897	0.70	72.17	1.15	0.642	X	-7 184	1 536	4.68	16.33	1.10	5.00	0.453	1.000
												Y	0	1 024	0.00	16.39	1.10	5.00	0.000	0.000
	75.0%	5.08	0.90	384	0	0.00	14.897	0.70	72.17	1.15	0.642	X	-4 939	1 536	3.22	16.33	1.10	5.00	0.453	1.000
												Y	0	1 024	0.00	16.39	1.10	5.00	0.000	0.000
	100.0%	13.98	0.90	384	0	0.00	14.897	0.70	72.17	1.15	0.642	X	1 794	1 536	1.17	16.33	1.10	5.00	0.453	1.000
												Y	0	1 024	0.00	16.39	1.10	5.00	0.000	0.000
Trave Legno 10a-15a	0%	22.48	1.10	2 400	10 402	0.04	21.241	0.70	13.61	0.22	1.000	X	-7 285	32 000	0.23	21.24	1.00	1.18	0.198	1.000
												Y	9 543	12 000	0.80	22.77	1.07	1.18	0.074	1.000
	25.0%	32.69	1.10	2 400	14 599	0.06	21.241	0.70	13.61	0.22	1.000	X	-6 550	32 000	0.20	21.24	1.00	1.18	0.198	1.000
												Y	5 732	12 000	0.48	22.77	1.07	1.18	0.074	1.000
	50.0%	45.75	1.10	2 400	14 200	0.06	21.241	0.70	13.61	0.22	1.000	X	-2 549	32 000	0.08	21.24	1.00	1.18	0.198	1.000
												Y	4 493	12 000	0.37	22.77	1.07	1.18	0.074	1.000

Travi (LG) - Verifiche a instabilità per pressoflessione retta/deviata																				
Id _{Tr}	%L _{LI}	CS	k _{mod}	A	N _{Ed}	σ _{c,0d}	f _{c,0d}	K _m	λ _N	λ _{rel,N}	K _{crit,c}	D _{i,r}	M _{Ed}	W	σ _{md}	f _{md}	K _h	L _{LI}	λ _{rel}	K _{crit,m}
	[%]			[cm ²]	[N]	[N/mm ²]	[N/mm ²]						[N·m]	[cm ³]	[N/mm ²]	[N/mm ²]		[m]		
Trave Legno 32a-33a	75.0%	35.9 ₄	1.10	2 400	6 795	0.03	21.24 ₁	0.70	13.6 ₁	0.22	1.000	X	-1 888	32 00 ₀	0.06	21.24	1.00	1.18	0.19 ₈	1.00 ₀
												Y	-6 705	12 00 ₀	0.56	22.77	1.07	1.18	0.07 ₄	1.00 ₀
	100.0 %	24.5 ₇	1.10	2 400	6 795	0.03	21.24 ₁	0.70	13.6 ₁	0.22	1.000	X	3 150	32 00 ₀	0.10	21.24	1.00	1.18	0.19 ₈	1.00 ₀
												Y	-9 868	12 00 ₀	0.82	22.77	1.07	1.18	0.07 ₄	1.00 ₀
	0%	17.4 ₂	1.10	384	7 079	0.18	21.24 ₁	0.70	108.25	1.78	0.296	X	1 435	1 536	0.93	23.28	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	23.37	1.10	5.00	0.00 ₀	0.00 ₀
Trave Legno 24a-29a	25.0%	4.61	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	-6 345	1 536	4.13	19.05	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀
	50.0%	3.36	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	-8 707	1 536	5.67	19.05	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀
	75.0%	4.61	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	-6 344	1 536	4.13	19.05	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀
Trave Legno 27a-28a	100%	-	1.10	384	0	0.00	21.24 ₁	0.70	72.1 ₇	1.19	0.611	X	0	1 536	0.00	23.28	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	23.37	1.10	5.00	0.31 ₉	1.00 ₀
	0%	22.5 ₈	1.10	2 400	11 11 ₈	0.05	21.24 ₁	0.70	13.8 ₆	0.23	1.000	X	-7 809	32 00 ₀	0.24	21.24	1.00	1.20	0.20 ₀	1.00 ₀
												Y	-9 307	12 00 ₀	0.78	22.77	1.07	1.20	0.07 ₅	1.00 ₀
	25.0%	25.6 ₆	0.90	2 400	1 992	0.01	17.37 ₉	0.70	13.8 ₆	0.23	1.000	X	-7 989	32 00 ₀	0.25	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	-6 355	12 00 ₀	0.53	18.63	1.07	1.20	0.07 ₅	1.00 ₀
Trave Legno 19a-24a	50.0%	29.7 ₉	0.90	2 400	1 992	0.01	17.37 ₉	0.70	13.8 ₆	0.23	1.000	X	-6 606	32 00 ₀	0.21	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	-5 539	12 00 ₀	0.46	18.63	1.07	1.20	0.07 ₅	1.00 ₀
	75.0%	35.7 ₂	0.90	2 400	1 992	0.01	17.37 ₉	0.70	13.8 ₆	0.23	1.000	X	-5 070	32 00 ₀	0.16	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	-4 724	12 00 ₀	0.39	18.63	1.07	1.20	0.07 ₅	1.00 ₀
	100%	26.1 ₈	1.10	2 400	3 325	0.01	21.24 ₁	0.70	13.8 ₆	0.23	1.000	X	-4 906	32 00 ₀	0.15	21.24	1.00	1.20	0.20 ₀	1.00 ₀
												Y	-8 877	12 00 ₀	0.74	22.77	1.07	1.20	0.07 ₅	1.00 ₀
Trave Legno 32a-33a	0%	37.1 ₄	1.10	384	2 548	0.07	21.24 ₁	0.70	72.1 ₇	1.19	0.611	X	780	1 536	0.51	23.28	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	23.37	1.10	5.00	0.00 ₀	0.00 ₀
	25.0%	4.49	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	-6 522	1 536	4.25	19.05	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀
	50.0%	3.29	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	-8 901	1 536	5.79	19.05	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀
Trave Legno 27a-28a	75.0%	4.49	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	-6 520	1 536	4.24	19.05	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀
	100%	37.3 ₆	1.10	384	2 498	0.07	21.24 ₁	0.70	72.1 ₇	1.19	0.611	X	778	1 536	0.51	23.28	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	23.37	1.10	5.00	0.00 ₀	0.00 ₀
	0%	24.9 ₅	1.10	2 400	7 552	0.03	21.24 ₁	0.70	13.8 ₆	0.23	1.000	X	-4 263	32 00 ₀	0.13	21.24	1.00	1.20	0.20 ₀	1.00 ₀
												Y	-9 344	12 00 ₀	0.78	22.77	1.07	1.20	0.07 ₅	1.00 ₀
Trave Legno 19a-24a	25.0%	34.3 ₈	0.90	2 400	1 992	0.01	17.37 ₉	0.70	13.8 ₆	0.23	1.000	X	-5 600	32 00 ₀	0.18	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	-4 820	12 00 ₀	0.40	18.63	1.07	1.20	0.07 ₅	1.00 ₀
	50.0%	29.1 ₅	0.90	2 400	1 992	0.01	17.37 ₉	0.70	13.8 ₆	0.23	1.000	X	-6 965	32 00 ₀	0.22	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	-5 601	12 00 ₀	0.47	18.63	1.07	1.20	0.07 ₅	1.00 ₀
Trave Legno 19a-24a	75.0%	25.4 ₃	0.90	2 400	1 992	0.01	17.37 ₉	0.70	13.8 ₆	0.23	1.000	X	-8 171	32 00 ₀	0.26	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	-6 385	12 00 ₀	0.53	18.63	1.07	1.20	0.07 ₅	1.00 ₀

Travi (LG) - Verifiche a instabilità per pressoflessione retta/deviata																				
Id _{Tr}	%L _{LI}	CS	k _{mod}	A	N _{Ed}	σ _{c,0d}	f _{c,0d}	K _m	λ _N	λ _{rel,N}	K _{crit,c}	D _{i,r}	M _{Ed}	W	σ _{md}	f _{md}	K _h	L _{LI}	λ _{rel}	K _{crit,m}
	[%]			[cm ²]	[N]	[N/mm ²]	[N/mm ²]						[N·m]	[cm ³]	[N/mm ²]	[N/mm ²]		[m]		
Trave Legno 22a-23a	100.0 %	22.64	0.90	2 400	1 992	0.01	17.379	0.70	13.86	0.23	1.000	X	-9 224	32 000	0.29	17.38	1.00	1.20	0.200	1.000
												Y	-7 170	12 000	0.60	18.63	1.07	1.20	0.075	1.000
	0%	19.85	1.10	384	6 531	0.17	21.241	0.70	108.25	1.78	0.296	X	1 192	1 536	0.78	23.28	1.10	5.00	0.478	1.000
												Y	0	1 024	0.00	23.37	1.10	5.00	0.000	0.000
	25.0%	4.28	0.90	384	0	0.00	17.379	0.70	72.17	1.19	0.611	X	-6 837	1 536	4.45	19.05	1.10	5.00	0.478	1.000
												Y	0	1 024	0.00	19.12	1.10	5.00	0.000	0.000
Trave Legno 9-19a	50.0%	3.15	0.90	384	0	0.00	17.379	0.70	72.17	1.19	0.611	X	-9 289	1 536	6.05	19.05	1.10	5.00	0.478	1.000
												Y	0	1 024	0.00	19.12	1.10	5.00	0.000	0.000
	75.0%	4.28	0.90	384	0	0.00	17.379	0.70	72.17	1.19	0.611	X	-6 834	1 536	4.45	19.05	1.10	5.00	0.478	1.000
												Y	0	1 024	0.00	19.12	1.10	5.00	0.000	0.000
	100%	20.54	1.10	384	6 531	0.17	21.241	0.70	108.25	1.78	0.296	X	1 106	1 536	0.72	23.28	1.10	5.00	0.478	1.000
												Y	0	1 024	0.00	23.37	1.10	5.00	0.000	0.000
Trave Legno 9-19a	0%	25.40	1.10	2 400	11 782	0.05	21.241	0.70	12.12	0.20	1.000	X	8 319	32 000	0.26	21.24	1.00	1.05	0.187	1.000
												Y	7 782	12 000	0.65	22.77	1.07	1.05	0.070	1.000
	25.0%	41.09	1.10	2 400	11 782	0.05	21.241	0.70	12.12	0.20	1.000	X	5 536	32 000	0.17	21.24	1.00	1.05	0.187	1.000
												Y	4 459	12 000	0.37	22.77	1.07	1.05	0.070	1.000
	50.0%	54.29	1.10	2 400	8 600	0.04	21.241	0.70	12.12	0.20	1.000	X	3 167	32 000	0.10	21.24	1.00	1.05	0.187	1.000
												Y	-3 680	12 000	0.31	22.77	1.07	1.05	0.070	1.000
Trave Legno 19a-20a	75.0%	35.51	1.10	2 400	4 000	0.02	21.241	0.70	12.12	0.20	1.000	X	-2 993	32 000	0.09	21.24	1.00	1.05	0.187	1.000
												Y	-6 637	12 000	0.55	22.77	1.07	1.05	0.070	1.000
	100.0 %	24.45	1.10	2 400	4 000	0.02	21.241	0.70	12.12	0.20	1.000	X	-5 739	32 000	0.18	21.24	1.00	1.05	0.187	1.000
												Y	-9 343	12 000	0.78	22.77	1.07	1.05	0.070	1.000
	0%	52.90	0.90	384	0	0.00	17.379	0.70	71.45	1.17	0.621	X	553	1 536	0.36	19.05	1.10	4.95	0.476	1.000
												Y	0	1 024	0.00	19.12	1.10	4.95	0.000	0.000
Trave Legno 19a-20a	25.0%	4.38	0.90	384	0	0.00	17.379	0.70	71.45	1.17	0.621	X	-6 677	1 536	4.35	19.05	1.10	4.95	0.476	1.000
												Y	0	1 024	0.00	19.12	1.10	4.95	0.000	0.000
	50.0%	3.22	0.90	384	0	0.00	17.379	0.70	71.45	1.17	0.621	X	-9 082	1 536	5.91	19.05	1.10	4.95	0.476	1.000
												Y	0	1 024	0.00	19.12	1.10	4.95	0.000	0.000
	75.0%	4.38	0.90	384	0	0.00	17.379	0.70	71.45	1.17	0.621	X	-6 673	1 536	4.34	19.05	1.10	4.95	0.476	1.000
												Y	0	1 024	0.00	19.12	1.10	4.95	0.000	0.000
Trave Legno 17a-21a	100%	52.62	0.90	384	0	0.00	17.379	0.70	71.45	1.17	0.621	X	556	1 536	0.36	19.05	1.10	4.95	0.476	1.000
												Y	0	1 024	0.00	19.12	1.10	4.95	0.000	0.000
	0%	3.85	0.90	2 400	34 543	0.14	17.379	0.70	5.85	0.10	1.000	X	-135 211	32 000	4.23	17.38	1.00	1.35	0.212	1.000
												Y	-2 721	12 000	0.23	18.63	1.07	1.35	0.079	1.000
	25.0%	3.73	0.90	2 400	34 543	0.14	17.379	0.70	5.85	0.10	1.000	X	-139 661	32 000	4.36	17.38	1.00	1.35	0.212	1.000
												Y	-2 695	12 000	0.22	18.63	1.07	1.35	0.079	1.000
Trave Legno 19a-20a	50.0%	3.63	0.90	2 400	34 543	0.14	17.379	0.70	5.85	0.10	1.000	X	-143 886	32 000	4.50	17.38	1.00	1.35	0.212	1.000
												Y	-2 664	12 000	0.22	18.63	1.07	1.35	0.079	1.000
	75.0%	3.54	0.90	2 400	34 543	0.14	17.379	0.70	5.85	0.10	1.000	X	-147 876	32 000	4.62	17.38	1.00	1.35	0.212	1.000
												Y	-2 640	12 000	0.22	18.63	1.07	1.35	0.079	1.000
	100.0 %	3.46	0.90	2 400	34 543	0.14	17.379	0.70	5.85	0.10	1.000	X	-151 634	32 000	4.74	17.38	1.00	1.35	0.212	1.000
												Y	-2 613	12 000	0.22	18.63	1.07	1.35	0.079	1.000

Travi (LG) - Verifiche a instabilità per pressoflessione retta/deviata

Id _{Tr}	%L _{LI}	CS	k _{mod}	A	N _{Ed}	σ _{c,0d}	f _{c,0d}	K _m	λ _N	λ _{rel,N}	K _{crit,c}	D _{i,r}	M _{Ed}	W	σ _{md}	f _{md}	K _h	L _{LI}	λ _{rel}	K _{crit,m}
	[%]			[cm ²]	[N]	[N/mm ²]	[N/mm ²]						[N·m]	[cm ³]	[N/mm ²]	[N/mm ²]		[m]		
Trave Legno 20a-21a	0%	15.6 5	0.90	384	0	0.00	17.37 9	0.70	72.1 7	1.19	0.611	X	1 869	1 536	1.22	19.05	1.10	5.00	0.47 8	1.00 0
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 0	0.00 0
	25.0%	5.33	0.90	384	0	0.00	17.37 9	0.70	72.1 7	1.19	0.611	X	-5 493	1 536	3.58	19.05	1.10	5.00	0.47 8	1.00 0
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 0	0.00 0
	50.0%	3.68	0.90	384	0	0.00	17.37 9	0.70	72.1 7	1.19	0.611	X	-7 945	1 536	5.17	19.05	1.10	5.00	0.47 8	1.00 0
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 0	0.00 0
	75.0%	5.33	0.90	384	0	0.00	17.37 9	0.70	72.1 7	1.19	0.611	X	-5 490	1 536	3.57	19.05	1.10	5.00	0.47 8	1.00 0
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 0	0.00 0
	100%	15.6 5	0.90	384	0	0.00	17.37 9	0.70	72.1 7	1.19	0.611	X	1 870	1 536	1.22	19.05	1.10	5.00	0.47 8	1.00 0
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 0	0.00 0
Trave Legno 18a-22a	0%	3.46	0.90	2 400	33 40 4	0.14	17.37 9	0.70	5.85	0.10	1.000	X	-126 7 68	32 00 0	3.96	17.38	1.00	1.35	0.21 2	1.00 0
												Y	-16 92 7	12 00 0	1.41	18.63	1.07	1.35	0.07 9	1.00 0
	25.0%	3.53	0.90	2 400	33 40 4	0.14	17.37 9	0.70	5.85	0.10	1.000	X	-131 1 11	32 00 0	4.10	17.38	1.00	1.35	0.21 2	1.00 0
												Y	-12 62 2	12 00 0	1.05	18.63	1.07	1.35	0.07 9	1.00 0
	50.0%	3.61	0.90	2 400	33 40 4	0.14	17.37 9	0.70	5.85	0.10	1.000	X	-135 2 31	32 00 0	4.23	17.38	1.00	1.35	0.21 2	1.00 0
												Y	-8 317	12 00 0	0.69	18.63	1.07	1.35	0.07 9	1.00 0
	75.0%	3.69	0.90	2 400	33 40 4	0.14	17.37 9	0.70	5.85	0.10	1.000	X	-139 1 16	32 00 0	4.35	17.38	1.00	1.35	0.21 2	1.00 0
												Y	-4 010	12 00 0	0.33	18.63	1.07	1.35	0.07 9	1.00 0
Trave Legno 21a-22a	100.0 %	3.74	0.90	2 400	35 13 8	0.15	17.37 9	0.70	5.85	0.10	1.000	X	-142 8 91	32 00 0	4.47	17.38	1.00	1.35	0.21 2	1.00 0
												Y	542	12 00 0	0.05	18.63	1.07	1.35	0.07 9	1.00 0
	0%	15.7 0	0.90	384	0	0.00	17.37 9	0.70	72.1 7	1.19	0.611	X	1 864	1 536	1.21	19.05	1.10	5.00	0.47 8	1.00 0
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 0	0.00 0
	25.0%	5.32	0.90	384	0	0.00	17.37 9	0.70	72.1 7	1.19	0.611	X	-5 496	1 536	3.58	19.05	1.10	5.00	0.47 8	1.00 0
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 0	0.00 0
Trave Legno 24a-25a	50.0%	3.68	0.90	384	0	0.00	17.37 9	0.70	72.1 7	1.19	0.611	X	-7 949	1 536	5.18	19.05	1.10	5.00	0.47 8	1.00 0
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 0	0.00 0
	75.0%	5.33	0.90	384	0	0.00	17.37 9	0.70	72.1 7	1.19	0.611	X	-5 494	1 536	3.58	19.05	1.10	5.00	0.47 8	1.00 0
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 0	0.00 0
	100.0 %	15.6 5	0.90	384	0	0.00	17.37 9	0.70	72.1 7	1.19	0.611	X	1 870	1 536	1.22	19.05	1.10	5.00	0.47 8	1.00 0
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 0	0.00 0
	0%	45.1 5	0.90	384	0	0.00	17.37 9	0.70	71.4 5	1.17	0.621	X	648	1 536	0.42	19.05	1.10	4.95	0.47 6	1.00 0
												Y	0	1 024	0.00	19.12	1.10	4.95	0.00 0	0.00 0
	25.0%	4.61	0.90	384	0	0.00	17.37 9	0.70	71.4 5	1.17	0.621	X	-6 349	1 536	4.13	19.05	1.10	4.95	0.47 6	1.00 0
												Y	0	1 024	0.00	19.12	1.10	4.95	0.00 0	0.00 0
Trave Legno 21a-26a	50.0%	3.37	0.90	384	0	0.00	17.37 9	0.70	71.4 5	1.17	0.621	X	-8 679	1 536	5.65	19.05	1.10	4.95	0.47 6	1.00 0
												Y	0	1 024	0.00	19.12	1.10	4.95	0.00 0	0.00 0
	75.0%	4.61	0.90	384	0	0.00	17.37 9	0.70	71.4 5	1.17	0.621	X	-6 346	1 536	4.13	19.05	1.10	4.95	0.47 6	1.00 0
												Y	0	1 024	0.00	19.12	1.10	4.95	0.00 0	0.00 0
	100%	45.1 5	0.90	384	0	0.00	17.37 9	0.70	71.4 5	1.17	0.621	X	648	1 536	0.42	19.05	1.10	4.95	0.47 6	1.00 0
												Y	0	1 024	0.00	19.12	1.10	4.95	0.00 0	0.00 0
Trave Legno 21a-26a	0%	3.46	0.90	2 400	34 54 3	0.14	17.37 9	0.70	5.20	0.09	1.000	X	-151 6 37	32 00 0	4.74	17.38	1.00	1.20	0.20 0	1.00 0
												Y	-2 613	12 00 0	0.22	18.63	1.07	1.20	0.07 5	1.00 0

Travi (LG) - Verifiche a instabilità per pressoflessione retta/deviata

Id _{Tr}	%L _{LI}	CS	k _{mod}	A	N _{Ed}	σ _{c,0d}	f _{c,0d}	K _m	λ _N	λ _{rel,N}	K _{crit,c}	D _i r	M _{Ed}	W	σ _{md}	f _{md}	K _h	L _{LI}	λ _{rel}	K _{crit,m}
	[%]			[cm ²]	[N]	[N/mm ²]	[N/mm ²]						[N·m]	[cm ³]	[N/mm ²]	[N/mm ²]		[m]		
Trave Legno 25a-26a	25.0%	3.49	0.90	2 400	34 543	0.14	17.379	0.70	5.20	0.09	1.000	X	-150 357	32 000	4.70	17.38	1.00	1.20	0.200	1.000
												Y	-2 602	12 000	0.22	18.63	1.07	1.20	0.075	1.000
	50.0%	3.52	0.90	2 400	34 543	0.14	17.379	0.70	5.20	0.09	1.000	X	-148 898	32 000	4.65	17.38	1.00	1.20	0.200	1.000
												Y	-2 587	12 000	0.22	18.63	1.07	1.20	0.075	1.000
	75.0%	3.56	0.90	2 400	34 543	0.14	17.379	0.70	5.20	0.09	1.000	X	-147 254	32 000	4.60	17.38	1.00	1.20	0.200	1.000
												Y	-2 577	12 000	0.21	18.63	1.07	1.20	0.075	1.000
	100.0%	3.60	0.90	2 400	34 543	0.14	17.379	0.70	5.20	0.09	1.000	X	-145 428	32 000	4.54	17.38	1.00	1.20	0.200	1.000
												Y	-2 564	12 000	0.21	18.63	1.07	1.20	0.075	1.000
	0%	25.98	0.90	384	0	0.00	17.379	0.70	72.17	1.19	0.611	X	1 126	1 536	0.73	19.05	1.10	5.00	0.478	1.000
												Y	0	1 024	0.00	19.12	1.10	5.00	0.000	0.000
Trave Legno 22a-27a	25.0%	4.86	0.90	384	0	0.00	17.379	0.70	72.17	1.19	0.611	X	-6 018	1 536	3.92	19.05	1.10	5.00	0.478	1.000
												Y	0	1 024	0.00	19.12	1.10	5.00	0.000	0.000
	50.0%	3.48	0.90	384	0	0.00	17.379	0.70	72.17	1.19	0.611	X	-8 397	1 536	5.47	19.05	1.10	5.00	0.478	1.000
												Y	0	1 024	0.00	19.12	1.10	5.00	0.000	0.000
	75.0%	4.86	0.90	384	0	0.00	17.379	0.70	72.17	1.19	0.611	X	-6 015	1 536	3.92	19.05	1.10	5.00	0.478	1.000
												Y	0	1 024	0.00	19.12	1.10	5.00	0.000	0.000
	100%	26.12	0.90	384	0	0.00	17.379	0.70	72.17	1.19	0.611	X	1 120	1 536	0.73	19.05	1.10	5.00	0.478	1.000
												Y	0	1 024	0.00	19.12	1.10	5.00	0.000	0.000
	0%	3.74	0.90	2 400	35 138	0.15	17.379	0.70	5.20	0.09	1.000	X	-142 889	32 000	4.47	17.38	1.00	1.20	0.200	1.000
												Y	543	12 000	0.05	18.63	1.07	1.20	0.075	1.000
Trave Legno 26a-27a	25.0%	3.76	0.90	2 400	35 138	0.15	17.379	0.70	5.20	0.09	1.000	X	-141 553	32 000	4.42	17.38	1.00	1.20	0.200	1.000
												Y	1 028	12 000	0.09	18.63	1.07	1.20	0.075	1.000
	50.0%	3.77	0.90	2 400	35 138	0.15	17.379	0.70	5.20	0.09	1.000	X	-140 037	32 000	4.38	17.38	1.00	1.20	0.200	1.000
												Y	1 512	12 000	0.13	18.63	1.07	1.20	0.075	1.000
	75.0%	3.80	0.90	2 400	35 138	0.15	17.379	0.70	5.20	0.09	1.000	X	-138 338	32 000	4.32	17.38	1.00	1.20	0.200	1.000
												Y	1 999	12 000	0.17	18.63	1.07	1.20	0.075	1.000
	100.0%	3.82	0.90	2 400	35 138	0.15	17.379	0.70	5.20	0.09	1.000	X	-136 456	32 000	4.26	17.38	1.00	1.20	0.200	1.000
												Y	2 482	12 000	0.21	18.63	1.07	1.20	0.075	1.000
	0%	26.31	0.90	384	0	0.00	17.379	0.70	72.17	1.19	0.611	X	1 112	1 536	0.72	19.05	1.10	5.00	0.478	1.000
												Y	0	1 024	0.00	19.12	1.10	5.00	0.000	0.000
Trave Legno 29a-30a	25.0%	4.85	0.90	384	0	0.00	17.379	0.70	72.17	1.19	0.611	X	-6 031	1 536	3.93	19.05	1.10	5.00	0.478	1.000
												Y	0	1 024	0.00	19.12	1.10	5.00	0.000	0.000
	50.0%	3.48	0.90	384	0	0.00	17.379	0.70	72.17	1.19	0.611	X	-8 407	1 536	5.47	19.05	1.10	5.00	0.478	1.000
												Y	0	1 024	0.00	19.12	1.10	5.00	0.000	0.000
	75.0%	4.85	0.90	384	0	0.00	17.379	0.70	72.17	1.19	0.611	X	-6 028	1 536	3.92	19.05	1.10	5.00	0.478	1.000
												Y	0	1 024	0.00	19.12	1.10	5.00	0.000	0.000
	100.0%	26.33	0.90	384	0	0.00	17.379	0.70	72.17	1.19	0.611	X	1 111	1 536	0.72	19.05	1.10	5.00	0.478	1.000
												Y	0	1 024	0.00	19.12	1.10	5.00	0.000	0.000
Trave Legno 29a-30a	0%	36.30	0.90	384	0	0.00	17.379	0.70	71.45	1.17	0.621	X	806	1 536	0.52	19.05	1.10	4.95	0.476	1.000
												Y	0	1 024	0.00	19.12	1.10	4.95	0.000	0.000
Trave Legno 29a-30a	25.0%	4.75	0.90	384	0	0.00	17.379	0.70	71.45	1.17	0.621	X	-6 153	1 536	4.01	19.05	1.10	4.95	0.476	1.000
												Y	0	1 024	0.00	19.12	1.10	4.95	0.000	0.000

Travi (LG) - Verifiche a instabilità per pressoflessione retta/deviata																				
Id _{Tr}	%L _{LT}	CS	k _{mod}	A	N _{Ed}	σ _{c,0d}	f _{c,0d}	K _m	λ _N	λ _{rel,N}	K _{crit,c}	D _{i,r}	M _{Ed}	W	σ _{md}	f _{md}	K _h	L _{LT}	λ _{rel}	K _{crit,m}
	[%]			[cm²]	[N]	[N/mm²]	[N/mm²]						[N·m]	[cm³]	[N/mm²]	[N/mm²]		[m]		
Trave Legno 26a-31a	50.0%	3.46	0.90	384	0	0.00	17.37 ₉	0.70	71.4 ₅	1.17	0.621	X	-8 466	1 536	5.51	19.05	1.10	4.95	0.47 ₆	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	4.95	0.00 ₀	0.00 ₀
	75.0%	4.76	0.90	384	0	0.00	17.37 ₉	0.70	71.4 ₅	1.17	0.621	X	-6 148	1 536	4.00	19.05	1.10	4.95	0.47 ₆	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	4.95	0.00 ₀	0.00 ₀
	100%	36.1 ₆	0.90	384	0	0.00	17.37 ₉	0.70	71.4 ₅	1.17	0.621	X	809	1 536	0.53	19.05	1.10	4.95	0.47 ₆	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	4.95	0.00 ₀	0.00 ₀
	0%	3.60	0.90	2 400	34 54 ₃	0.14	17.37 ₉	0.70	5.20	0.09	1.000	X	-145 431	32 00 ₀	4.54	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	-2 565	12 00 ₀	0.21	18.63	1.07	1.20	0.07 ₅	1.00 ₀
	25.0%	3.75	0.90	2 400	34 54 ₃	0.14	17.37 ₉	0.70	5.20	0.09	1.000	X	-139 127	32 00 ₀	4.35	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	-2 586	12 00 ₀	0.22	18.63	1.07	1.20	0.07 ₅	1.00 ₀
Trave Legno 30a-31a	50.0%	3.92	0.90	2 400	34 54 ₃	0.14	17.37 ₉	0.70	5.20	0.09	1.000	X	-132 645	32 00 ₀	4.15	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	-2 608	12 00 ₀	0.22	18.63	1.07	1.20	0.07 ₅	1.00 ₀
	75.0%	4.11	0.90	2 400	35 28 ₇	0.15	17.37 ₉	0.70	5.20	0.09	1.000	X	-126 216	32 00 ₀	3.94	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	-2 442	12 00 ₀	0.20	18.63	1.07	1.20	0.07 ₅	1.00 ₀
	100.0 %	4.33	0.90	2 400	35 28 ₇	0.15	17.37 ₉	0.70	5.20	0.09	1.000	X	-119 390	32 00 ₀	3.73	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	-2 462	12 00 ₀	0.21	18.63	1.07	1.20	0.07 ₅	1.00 ₀
	0%	22.7 ₀	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	1 289	1 536	0.84	19.05	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀
	25.0%	5.05	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	-5 794	1 536	3.77	19.05	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀
Trave Legno 27a-32a	50.0%	3.59	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	-8 157	1 536	5.31	19.05	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀
	75.0%	5.05	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	-5 794	1 536	3.77	19.05	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀
	100%	22.7 ₃	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	1 287	1 536	0.84	19.05	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀
	0%	3.82	0.90	2 400	35 13 ₈	0.15	17.37 ₉	0.70	5.20	0.09	1.000	X	-136 459	32 00 ₀	4.26	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	2 479	12 00 ₀	0.21	18.63	1.07	1.20	0.07 ₅	1.00 ₀
	25.0%	4.04	0.90	2 400	35 13 ₈	0.15	17.37 ₉	0.70	5.20	0.09	1.000	X	-130 101	32 00 ₀	4.07	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	1 724	12 00 ₀	0.14	18.63	1.07	1.20	0.07 ₅	1.00 ₀
Trave Legno 31a-32a	50.0%	4.28	0.90	2 400	35 13 ₈	0.15	17.37 ₉	0.70	5.20	0.09	1.000	X	-123 562	32 00 ₀	3.86	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	973	12 00 ₀	0.08	18.63	1.07	1.20	0.07 ₅	1.00 ₀
	75.0%	4.56	0.90	2 400	35 13 ₈	0.15	17.37 ₉	0.70	5.20	0.09	1.000	X	-116 839	32 00 ₀	3.65	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	218	12 00 ₀	0.02	18.63	1.07	1.20	0.07 ₅	1.00 ₀
	100.0 %	4.81	0.90	2 400	35 19 ₉	0.15	17.37 ₉	0.70	5.20	0.09	1.000	X	-109 915	32 00 ₀	3.43	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	-595	12 00 ₀	0.05	18.63	1.07	1.20	0.07 ₅	1.00 ₀
	0%	22.8 ₉	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	1 278	1 536	0.83	19.05	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀
	25.0%	5.04	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	-5 808	1 536	3.78	19.05	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀
	50.0%	3.58	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	-8 167	1 536	5.32	19.05	1.10	5.00	0.47 ₈	1.00 ₀
											Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀	

Travi (LG) - Verifiche a instabilità per pressoflessione retta/deviata

Id _{Tr}	%L _{LI}	CS	k _{mod}	A	N _{Ed}	σ _{c,0d}	f _{c,0d}	K _m	λ _N	λ _{rel,N}	K _{crit,c}	D _{i,r}	M _{Ed}	W	σ _{md}	f _{md}	K _h	L _{LI}	λ _{rel}	K _{crit,m}
	[%]			[cm ²]	[N]	[N/mm ²]	[N/mm ²]						[N·m]	[cm ³]	[N/mm ²]	[N/mm ²]		[m]		
Trave Legno 16a-20a	75.0%	5.04	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	-5 807	1 536	3.78	19.05	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀
	100.0%	22.8 ₆	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	1 280	1 536	0.83	19.05	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀
	0%	3.68	0.90	2 400	35 71 ₄	0.15	17.37 ₉	0.70	5.85	0.10	1.000	X	-125 868	32 00 ₀	3.93	17.38	1.00	1.35	0.21 ₂	1.00 ₀
												Y	11 842	12 00 ₀	0.99	18.63	1.07	1.35	0.07 ₉	1.00 ₀
Trave Legno 20a-25a	25.0%	3.75	0.90	2 400	35 71 ₄	0.15	17.37 ₉	0.70	5.85	0.10	1.000	X	-130 332	32 00 ₀	4.07	17.38	1.00	1.35	0.21 ₂	1.00 ₀
												Y	7 570	12 00 ₀	0.63	18.63	1.07	1.35	0.07 ₉	1.00 ₀
	50.0%	3.83	0.90	2 400	35 71 ₄	0.15	17.37 ₉	0.70	5.85	0.10	1.000	X	-134 571	32 00 ₀	4.21	17.38	1.00	1.35	0.21 ₂	1.00 ₀
												Y	3 296	12 00 ₀	0.27	18.63	1.07	1.35	0.07 ₉	1.00 ₀
	75.0%	3.83	0.90	2 400	35 21 ₄	0.15	17.37 ₉	0.70	5.85	0.10	1.000	X	-138 536	32 00 ₀	4.33	17.38	1.00	1.35	0.21 ₂	1.00 ₀
												Y	-1 207	12 00 ₀	0.10	18.63	1.07	1.35	0.07 ₉	1.00 ₀
Trave Legno 25a-30a	100.0%	3.55	0.90	2 400	35 21 ₄	0.15	17.37 ₉	0.70	5.85	0.10	1.000	X	-142 295	32 00 ₀	4.45	17.38	1.00	1.35	0.21 ₂	1.00 ₀
												Y	-5 447	12 00 ₀	0.45	18.63	1.07	1.35	0.07 ₉	1.00 ₀
	0%	3.55	0.90	2 400	35 21 ₄	0.15	17.37 ₉	0.70	5.20	0.09	1.000	X	-142 302	32 00 ₀	4.45	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	-5 446	12 00 ₀	0.45	18.63	1.07	1.20	0.07 ₅	1.00 ₀
	25.0%	3.56	0.90	2 400	35 21 ₄	0.15	17.37 ₉	0.70	5.20	0.09	1.000	X	-141 046	32 00 ₀	4.41	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	-5 913	12 00 ₀	0.49	18.63	1.07	1.20	0.07 ₅	1.00 ₀
Trave Legno 28a-33a	50.0%	3.58	0.90	2 400	35 21 ₄	0.15	17.37 ₉	0.70	5.20	0.09	1.000	X	-139 616	32 00 ₀	4.36	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	-6 378	12 00 ₀	0.53	18.63	1.07	1.20	0.07 ₅	1.00 ₀
	75.0%	3.60	0.90	2 400	35 21 ₄	0.15	17.37 ₉	0.70	5.20	0.09	1.000	X	-137 997	32 00 ₀	4.31	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	-6 843	12 00 ₀	0.57	18.63	1.07	1.20	0.07 ₅	1.00 ₀
	100.0%	3.62	0.90	2 400	35 21 ₄	0.15	17.37 ₉	0.70	5.20	0.09	1.000	X	-136 196	32 00 ₀	4.26	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	-7 309	12 00 ₀	0.61	18.63	1.07	1.20	0.07 ₅	1.00 ₀
Trave Legno 25a-30a	0%	3.62	0.90	2 400	35 21 ₄	0.15	17.37 ₉	0.70	5.20	0.09	1.000	X	-136 199	32 00 ₀	4.26	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	-7 310	12 00 ₀	0.61	18.63	1.07	1.20	0.07 ₅	1.00 ₀
	25.0%	3.81	0.90	2 400	35 21 ₄	0.15	17.37 ₉	0.70	5.20	0.09	1.000	X	-129 944	32 00 ₀	4.06	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	-6 578	12 00 ₀	0.55	18.63	1.07	1.20	0.07 ₅	1.00 ₀
	50.0%	4.02	0.90	2 400	35 21 ₄	0.15	17.37 ₉	0.70	5.20	0.09	1.000	X	-123 510	32 00 ₀	3.86	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	-5 846	12 00 ₀	0.49	18.63	1.07	1.20	0.07 ₅	1.00 ₀
Trave Legno 28a-33a	75.0%	4.26	0.90	2 400	35 21 ₄	0.15	17.37 ₉	0.70	5.20	0.09	1.000	X	-116 894	32 00 ₀	3.65	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	-5 113	12 00 ₀	0.43	18.63	1.07	1.20	0.07 ₅	1.00 ₀
	100%	4.54	0.90	2 400	35 21 ₄	0.15	17.37 ₉	0.70	5.20	0.09	1.000	X	-110 092	32 00 ₀	3.44	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	-4 379	12 00 ₀	0.36	18.63	1.07	1.20	0.07 ₅	1.00 ₀
	0%	20.8 ₆	1.10	2 400	2 835	0.01	21.24 ₁	0.70	13.8 ₆	0.23	1.000	X	-7 282	32 00 ₀	0.23	21.24	1.00	1.20	0.20 ₀	1.00 ₀
												Y	10 898	12 00 ₀	0.91	22.77	1.07	1.20	0.07 ₅	1.00 ₀
Trave Legno 28a-33a	25.0%	32.4 ₅	1.10	2 400	2 835	0.01	21.24 ₁	0.70	13.8 ₆	0.23	1.000	X	-5 759	32 00 ₀	0.18	21.24	1.00	1.20	0.20 ₀	1.00 ₀
												Y	6 646	12 00 ₀	0.55	22.77	1.07	1.20	0.07 ₅	1.00 ₀
	50.0%	65.6 ₆	0.90	2 400	0	0.00	17.37 ₉	0.70	5.20	0.09	1.000	X	-7 415	32 00 ₀	0.23	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	606	12 00 ₀	0.05	18.63	1.07	1.20	0.07 ₅	1.00 ₀
	75.0%	57.2 ₄	1.10	2 400	1 399	0.01	21.24 ₁	0.70	13.8 ₆	0.23	1.000	X	-3 319	32 00 ₀	0.10	21.24	1.00	1.20	0.20 ₀	1.00 ₀
												Y	-3 764	12 00 ₀	0.31	22.77	1.07	1.20	0.07 ₅	1.00 ₀

Travi (LG) - Verifiche a instabilità per pressoflessione retta/deviata

Id _{Tr}	%L _{LI}	CS	k _{mod}	A	N _{Ed}	σ _{c,0d}	f _{c,0d}	K _m	λ _N	λ _{rel,N}	K _{crit,c}	D _{i,r}	M _{Ed}	W	σ _{md}	f _{md}	K _h	L _{LI}	λ _{rel}	K _{crit,m}
	[%]			[cm ²]	[N]	[N/mm ²]	[N/mm ²]						[N·m]	[cm ³]	[N/mm ²]	[N/mm ²]		[m]		
Trave Legno 23a-28a	100.0 %	29.0 ₁	1.10	2 400	0	0.00	21.24 ₁	0.70	13.8 ₆	0.23	1.000	X	-2 723	32 00 ₀	0.09	21.24	1.00	1.20	0.20 ₀	1.00 ₀
												Y	-8 651	12 00 ₀	0.72	22.77	1.07	1.20	0.07 ₅	1.00 ₀
	0%	24.2 ₄	1.10	2 400	6 433	0.03	21.24 ₁	0.70	13.8 ₆	0.23	1.000	X	-4 995	32 00 ₀	0.16	21.24	1.00	1.20	0.20 ₀	1.00 ₀
												Y	-9 520	12 00 ₀	0.79	22.77	1.07	1.20	0.07 ₅	1.00 ₀
	25.0%	44.5 ₃	1.10	2 400	6 433	0.03	21.24 ₁	0.70	13.8 ₆	0.23	1.000	X	-4 752	32 00 ₀	0.15	21.24	1.00	1.20	0.20 ₀	1.00 ₀
												Y	-4 454	12 00 ₀	0.37	22.77	1.07	1.20	0.07 ₅	1.00 ₀
Trave Legno 13-23a	50.0%	57.8 ₄	0.90	2 400	0	0.00	17.37 ₉	0.70	5.20	0.09	1.000	X	-8 472	32 00 ₀	0.26	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	656	12 00 ₀	0.05	18.63	1.07	1.20	0.07 ₅	1.00 ₀
	75.0%	33.1 ₄	1.10	2 400	3 602	0.02	21.24 ₁	0.70	13.8 ₆	0.23	1.000	X	-4 983	32 00 ₀	0.16	21.24	1.00	1.20	0.20 ₀	1.00 ₀
												Y	6 648	12 00 ₀	0.55	22.77	1.07	1.20	0.07 ₅	1.00 ₀
	100.0 %	21.3 ₈	1.10	2 400	3 602	0.02	21.24 ₁	0.70	13.8 ₆	0.23	1.000	X	-6 002	32 00 ₀	0.19	21.24	1.00	1.20	0.20 ₀	1.00 ₀
												Y	10 89 ₉	12 00 ₀	0.91	22.77	1.07	1.20	0.07 ₅	1.00 ₀
Trave Legno 40a-41a	0%	19.2 ₀	0.90	2 400	0	0.00	17.37 ₉	0.70	13.2 ₈	0.22	1.000	X	9 812	32 00 ₀	0.31	17.38	1.00	1.15	0.19 ₆	1.00 ₀
												Y	-8 882	12 00 ₀	0.74	18.63	1.07	1.15	0.07 ₃	1.00 ₀
	25.0%	26.2 ₅	0.90	2 400	0	0.00	17.37 ₉	0.70	13.2 ₈	0.22	1.000	X	5 763	32 00 ₀	0.18	17.38	1.00	1.15	0.19 ₆	1.00 ₀
												Y	-6 893	12 00 ₀	0.57	18.63	1.07	1.15	0.07 ₃	1.00 ₀
	50.0%	41.2 ₃	0.90	2 400	0	0.00	17.37 ₉	0.70	13.2 ₈	0.22	1.000	X	1 853	32 00 ₀	0.06	17.38	1.00	1.15	0.19 ₆	1.00 ₀
												Y	-4 900	12 00 ₀	0.41	18.63	1.07	1.15	0.07 ₃	1.00 ₀
Trave Legno 45a-46a	75.0%	33.8 ₂	1.10	2 400	7 789	0.03	21.24 ₁	0.70	13.2 ₈	0.22	1.000	X	-2 006	32 00 ₀	0.06	21.24	1.00	1.15	0.19 ₆	1.00 ₀
												Y	-7 097	12 00 ₀	0.59	22.77	1.07	1.15	0.07 ₃	1.00 ₀
	100.0 %	24.4 ₂	1.10	2 400	7 789	0.03	21.24 ₁	0.70	13.2 ₈	0.22	1.000	X	-4 447	32 00 ₀	0.14	21.24	1.00	1.15	0.19 ₆	1.00 ₀
												Y	-9 519	12 00 ₀	0.79	22.77	1.07	1.15	0.07 ₃	1.00 ₀
	0%	22.7 ₀	1.10	384	4 185	0.11	21.24 ₁	0.70	72.1 ₇	1.19	0.611	X	1 275	1 536	0.83	23.28	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	23.37	1.10	5.00	0.00 ₀	0.00 ₀
Trave Legno 45a-46a	25.0%	4.55	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	-6 436	1 536	4.19	19.05	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀
	50.0%	3.29	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	-8 888	1 536	5.79	19.05	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀
	75.0%	4.55	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	-6 433	1 536	4.19	19.05	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀
	100%	24.3 ₂	1.10	384	2 714	0.07	21.24 ₁	0.70	72.1 ₇	1.19	0.611	X	1 276	1 536	0.83	23.28	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	23.37	1.10	5.00	0.00 ₀	0.00 ₀
	0%	50.7 ₉	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	576	1 536	0.38	19.05	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀
	25.0%	4.46	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	-6 565	1 536	4.27	19.05	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀
	50.0%	3.27	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	-8 944	1 536	5.82	19.05	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀
	75.0%	4.46	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	-6 564	1 536	4.27	19.05	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀
	100%	51.2 ₄	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	571	1 536	0.37	19.05	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀

Travi (LG) - Verifiche a instabilità per pressoflessione retta/deviata

Id _{Tr}	%L _{LI}	CS	k _{mod}	A	N _{Ed}	σ _{c,0d}	f _{c,0d}	K _m	λ _N	λ _{rel,N}	K _{crit,c}	D _{i,r}	M _{Ed}	W	σ _{md}	f _{md}	K _h	L _{LI}	λ _{rel}	K _{crit,m}
	[%]			[cm ²]	[N]	[N/mm ²]	[N/mm ²]						[N·m]	[cm ³]	[N/mm ²]	[N/mm ²]		[m]		
Trave Legno 50a-51a	0%	43.2 ₁	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	677	1 536	0.44	19.05	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀
	25.0%	4.55	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	-6 435	1 536	4.19	19.05	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀
	50.0%	3.33	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	-8 795	1 536	5.73	19.05	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀
	75.0%	4.55	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	-6 435	1 536	4.19	19.05	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀
	100%	43.5 ₄	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	672	1 536	0.44	19.05	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀
Trave Legno 47a-48a	0%	-	1.10	384	0	0.00	21.24 ₁	0.70	71.4 ₅	1.17	0.621	X	0	1 536	0.00	23.28	1.10	4.95	0.47 ₆	1.00 ₀
												Y	0	1 024	0.00	23.37	1.10	4.95	0.31 ₇	1.00 ₀
	25.0%	4.34	0.90	384	0	0.00	17.37 ₉	0.70	71.4 ₅	1.17	0.621	X	-6 741	1 536	4.39	19.05	1.10	4.95	0.47 ₆	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	4.95	0.00 ₀	0.00 ₀
	50.0%	3.23	0.90	384	0	0.00	17.37 ₉	0.70	71.4 ₅	1.17	0.621	X	-9 054	1 536	5.89	19.05	1.10	4.95	0.47 ₆	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	4.95	0.00 ₀	0.00 ₀
	75.0%	4.34	0.90	384	0	0.00	17.37 ₉	0.70	71.4 ₅	1.17	0.621	X	-6 737	1 536	4.39	19.05	1.10	4.95	0.47 ₆	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	4.95	0.00 ₀	0.00 ₀
	100%	-	1.10	384	0	0.00	21.24 ₁	0.70	71.4 ₅	1.17	0.621	X	0	1 536	0.00	23.28	1.10	4.95	0.47 ₆	1.00 ₀
												Y	0	1 024	0.00	23.37	1.10	4.95	0.31 ₇	1.00 ₀
Trave Legno 43a-48a	0%	4.84	0.90	2 400	35 21 ₈	0.15	17.37 ₉	0.70	5.20	0.09	1.000	X	103 7 ₄₄	32 00 ₀	3.24	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	-3 702	12 00 ₀	0.31	18.63	1.07	1.20	0.07 ₅	1.00 ₀
	25.0%	3.93	0.90	2 400	35 23 ₈	0.15	17.37 ₉	0.70	5.20	0.09	1.000	X	132 4 ₈₇	32 00 ₀	4.14	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	-2 572	12 00 ₀	0.21	18.63	1.07	1.20	0.07 ₅	1.00 ₀
	50.0%	3.30	0.90	2 400	35 23 ₈	0.15	17.37 ₉	0.70	5.20	0.09	1.000	X	161 4 ₀₈	32 00 ₀	5.04	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	-1 459	12 00 ₀	0.12	18.63	1.07	1.20	0.07 ₅	1.00 ₀
	75.0%	2.84	0.90	2 400	35 23 ₈	0.15	17.37 ₉	0.70	5.20	0.09	1.000	X	190 5 ₀₇	32 00 ₀	5.95	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	-345	12 00 ₀	0.03	18.63	1.07	1.20	0.07 ₅	1.00 ₀
	100%	2.46	0.90	2 400	35 21 ₈	0.15	17.37 ₉	0.70	5.20	0.09	1.000	X	219 7 ₈₈	32 00 ₀	6.87	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	802	12 00 ₀	0.07	18.63	1.07	1.20	0.07 ₅	1.00 ₀
Trave Legno 44a-49a	0%	4.83	0.90	2 400	34 54 ₅	0.14	17.37 ₉	0.70	5.20	0.09	1.000	X	110 2 ₄₁	32 00 ₀	3.45	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	-110	12 00 ₀	0.01	18.63	1.07	1.20	0.07 ₅	1.00 ₀
	25.0%	3.84	0.90	2 400	34 54 ₅	0.14	17.37 ₉	0.70	5.20	0.09	1.000	X	139 3 ₁₅	32 00 ₀	4.35	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	444	12 00 ₀	0.04	18.63	1.07	1.20	0.07 ₅	1.00 ₀
	50.0%	3.18	0.90	2 400	34 54 ₅	0.14	17.37 ₉	0.70	5.20	0.09	1.000	X	168 5 ₇₂	32 00 ₀	5.27	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	999	12 00 ₀	0.08	18.63	1.07	1.20	0.07 ₅	1.00 ₀
	75.0%	2.71	0.90	2 400	34 54 ₅	0.14	17.37 ₉	0.70	5.20	0.09	1.000	X	198 0 ₁₀	32 00 ₀	6.19	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	1 552	12 00 ₀	0.13	18.63	1.07	1.20	0.07 ₅	1.00 ₀
	100%	2.36	0.90	2 400	34 54 ₅	0.14	17.37 ₉	0.70	5.20	0.09	1.000	X	227 6 ₃₅	32 00 ₀	7.11	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	2 107	12 00 ₀	0.18	18.63	1.07	1.20	0.07 ₅	1.00 ₀
Trave Legno 48a-49a	0%	25.2 ₀	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	1 161	1 536	0.76	19.05	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀

Travi (LG) - Verifiche a instabilità per pressoflessione retta/deviata

Id _{Tr}	%L _{LI}	CS	k _{mod}	A	N _{Ed}	σ _{c,0d}	f _{c,0d}	K _m	λ _N	λ _{rel,N}	K _{crit,c}	D _i r	M _{Ed}	W	σ _{md}	f _{md}	K _h	L _{LI}	λ _{rel}	K _{crit,m}
	[%]			[cm ²]	[N]	[N/mm ²]	[N/mm ²]						[N·m]	[cm ³]	[N/mm ²]	[N/mm ²]		[m]		
Trave Legno 45a-50a	25.0%	4.96	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	-5 903	1 536	3.84	19.05	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀
	50.0%	3.54	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	-8 264	1 536	5.38	19.05	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀
	75.0%	4.96	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	-5 903	1 536	3.84	19.05	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀
	100%	25.2 ₉	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	1 157	1 536	0.75	19.05	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀
	0%	4.72	0.90	2 400	33 40 ₇	0.14	17.37 ₉	0.70	5.20	0.09	1.000	X	106 9 55	32 00 0	3.34	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	3 665	12 00 0	0.31	18.63	1.07	1.20	0.07 ₅	1.00 ₀
Trave Legno 49a-50a	25.0%	3.80	0.90	2 400	33 40 ₇	0.14	17.37 ₉	0.70	5.20	0.09	1.000	X	135 9 46	32 00 0	4.25	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	3 518	12 00 0	0.29	18.63	1.07	1.20	0.07 ₅	1.00 ₀
	50.0%	3.17	0.90	2 400	33 40 ₇	0.14	17.37 ₉	0.70	5.20	0.09	1.000	X	165 1 17	32 00 0	5.16	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	3 374	12 00 0	0.28	18.63	1.07	1.20	0.07 ₅	1.00 ₀
	75.0%	2.72	0.90	2 400	33 40 ₇	0.14	17.37 ₉	0.70	5.20	0.09	1.000	X	194 4 72	32 00 0	6.08	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	3 227	12 00 0	0.27	18.63	1.07	1.20	0.07 ₅	1.00 ₀
	100%	2.38	0.90	2 400	33 40 ₇	0.14	17.37 ₉	0.70	5.20	0.09	1.000	X	224 0 12	32 00 0	7.00	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	3 081	12 00 0	0.26	18.63	1.07	1.20	0.07 ₅	1.00 ₀
	0%	22.4 ₇	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	1 302	1 536	0.85	19.05	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀
Trave Legno 38a-43a	25.0%	5.06	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	-5 783	1 536	3.76	19.05	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀
	50.0%	3.59	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	-8 142	1 536	5.30	19.05	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀
	75.0%	5.06	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	-5 782	1 536	3.76	19.05	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀
	100.0 %	22.4 ₇	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	1 302	1 536	0.85	19.05	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀
	0%	13.7 ₁	1.10	2 400	69 60 ₂	0.29	21.24 ₁	0.70	5.20	0.09	1.000	X	29 80 3	32 00 0	0.93	21.24	1.00	1.20	0.20 ₀	1.00 ₀
												Y	-6 025	12 00 0	0.50	22.77	1.07	1.20	0.07 ₅	1.00 ₀
Trave Legno 42a-43a	25.0%	13.3 ₃	0.90	2 400	35 21 ₈	0.15	17.37 ₉	0.70	5.20	0.09	1.000	X	31 45 2	32 00 0	0.98	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	-3 195	12 00 0	0.27	18.63	1.07	1.20	0.07 ₅	1.00 ₀
	50.0%	8.44	0.90	2 400	35 21 ₈	0.15	17.37 ₉	0.70	5.20	0.09	1.000	X	55 36 9	32 00 0	1.73	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	-3 361	12 00 0	0.28	18.63	1.07	1.20	0.07 ₅	1.00 ₀
	75.0%	6.16	0.90	2 400	35 21 ₈	0.15	17.37 ₉	0.70	5.20	0.09	1.000	X	79 47 2	32 00 0	2.48	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	-3 532	12 00 0	0.29	18.63	1.07	1.20	0.07 ₅	1.00 ₀
	100.0 %	4.84	0.90	2 400	35 21 ₈	0.15	17.37 ₉	0.70	5.20	0.09	1.000	X	103 7 57	32 00 0	3.24	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	-3 700	12 00 0	0.31	18.63	1.07	1.20	0.07 ₅	1.00 ₀
	0%	68.7 ₈	1.10	384	1 132	0.03	21.24 ₁	0.70	71.4 ₅	1.17	0.621	X	440	1 536	0.29	23.28	1.10	4.95	0.47 ₆	1.00 ₀
												Y	0	1 024	0.00	23.37	1.10	4.95	0.00 ₀	0.00 ₀
Trave Legno 42a-43a	25.0%	4.46	0.90	384	0	0.00	17.37 ₉	0.70	71.4 ₅	1.17	0.621	X	-6 565	1 536	4.27	19.05	1.10	4.95	0.47 ₆	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	4.95	0.00 ₀	0.00 ₀

Travi (LG) - Verifiche a instabilità per pressoflessione retta/deviata																				
Id _{Tr}	%L _{LI}	CS	k _{mod}	A	N _{Ed}	σ _{c,0d}	f _{c,0d}	K _m	λ _N	λ _{rel,N}	K _{crit,c}	D _{i,r}	M _{Ed}	W	σ _{md}	f _{md}	K _h	L _{LI}	λ _{rel}	K _{crit,m}
	[%]			[cm ²]	[N]	[N/mm ²]	[N/mm ²]						[N·m]	[cm ³]	[N/mm ²]	[N/mm ²]		[m]		
Trave Legno 39a-44a	50.0%	3.29	0.90	384	0	0.00	17.37 ₉	0.70	71.4 ₅	1.17	0.621	X	-8 894	1 536	5.79	19.05	1.10	4.95	0.47 ₆	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	4.95	0.00 ₀	0.00 ₀
	75.0%	4.46	0.90	384	0	0.00	17.37 ₉	0.70	71.4 ₅	1.17	0.621	X	-6 560	1 536	4.27	19.05	1.10	4.95	0.47 ₆	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	4.95	0.00 ₀	0.00 ₀
	100%	72.2 ₄	0.90	384	0	0.00	17.37 ₉	0.70	71.4 ₅	1.17	0.621	X	405	1 536	0.26	19.05	1.10	4.95	0.47 ₆	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	4.95	0.00 ₀	0.00 ₀
Trave Legno 43a-44a	0%	13.9 ₉	1.10	2 400	51 80 ₆	0.22	21.24 ₁	0.70	5.20	0.09	1.000	X	31 63 ₄	32 00 ₀	0.99	21.24	1.00	1.20	0.20 ₀	1.00 ₀
												Y	-5 776	12 00 ₀	0.48	22.77	1.07	1.20	0.07 ₅	1.00 ₀
	25.0%	12.6 ₅	0.80	2 400	30 50 ₃	0.13	15.44 ₈	0.70	5.20	0.09	1.000	X	33 02 ₄	32 00 ₀	1.03	15.45	1.00	1.20	0.20 ₀	1.00 ₀
												Y	-1 133	12 00 ₀	0.09	16.56	1.07	1.20	0.07 ₅	1.00 ₀
	50.0%	8.26	0.80	2 400	30 50 ₃	0.13	15.44 ₈	0.70	5.20	0.09	1.000	X	54 41 ₅	32 00 ₀	1.70	15.45	1.00	1.20	0.20 ₀	1.00 ₀
												Y	-793	12 00 ₀	0.07	16.56	1.07	1.20	0.07 ₅	1.00 ₀
	75.0%	6.11	0.90	2 400	34 54 ₅	0.14	17.37 ₉	0.70	5.20	0.09	1.000	X	85 63 ₉	32 00 ₀	2.68	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	-480	12 00 ₀	0.04	18.63	1.07	1.20	0.07 ₅	1.00 ₀
	100.0 %	4.83	0.90	2 400	34 54 ₅	0.14	17.37 ₉	0.70	5.20	0.09	1.000	X	110 2 ₄₁	32 00 ₀	3.45	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	-109	12 00 ₀	0.01	18.63	1.07	1.20	0.07 ₅	1.00 ₀
	0%	31.6 ₆	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	924	1 536	0.60	19.05	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀
	25.0%	4.72	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	-6 203	1 536	4.04	19.05	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀
	50.0%	3.41	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	-8 580	1 536	5.59	19.05	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀
	75.0%	4.72	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	-6 200	1 536	4.04	19.05	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀
Trave Legno 40a-45a	100%	31.8 ₀	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	920	1 536	0.60	19.05	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀
	0%	14.3 ₃	1.10	2 400	68 06 ₀	0.28	21.24 ₁	0.70	5.20	0.09	1.000	X	30 30 ₀	32 00 ₀	0.95	21.24	1.00	1.20	0.20 ₀	1.00 ₀
												Y	-4 634	12 00 ₀	0.39	22.77	1.07	1.20	0.07 ₅	1.00 ₀
	25.0%	13.8 ₉	0.90	2 400	33 34 ₆	0.14	17.37 ₉	0.70	5.20	0.09	1.000	X	33 94 ₉	32 00 ₀	1.06	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	950	12 00 ₀	0.08	18.63	1.07	1.20	0.07 ₅	1.00 ₀
Trave Legno 44a-45a	50.0%	8.45	0.90	2 400	33 34 ₆	0.14	17.37 ₉	0.70	5.20	0.09	1.000	X	58 09 ₆	32 00 ₀	1.82	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	1 857	12 00 ₀	0.15	18.63	1.07	1.20	0.07 ₅	1.00 ₀
	75.0%	6.07	0.90	2 400	33 40 ₇	0.14	17.37 ₉	0.70	5.20	0.09	1.000	X	82 45 ₄	32 00 ₀	2.58	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	2 749	12 00 ₀	0.23	18.63	1.07	1.20	0.07 ₅	1.00 ₀
	100.0 %	4.72	0.90	2 400	33 40 ₇	0.14	17.37 ₉	0.70	5.20	0.09	1.000	X	106 9 ₇₀	32 00 ₀	3.34	17.38	1.00	1.20	0.20 ₀	1.00 ₀
												Y	3 665	12 00 ₀	0.31	18.63	1.07	1.20	0.07 ₅	1.00 ₀
	0%	29.2 ₃	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	1 001	1 536	0.65	19.05	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀
	25.0%	4.76	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	-6 140	1 536	4.00	19.05	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀
	50.0%	3.44	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	-8 515	1 536	5.54	19.05	1.10	5.00	0.47 ₈	1.00 ₀
											Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀	

Travi (LG) - Verifiche a instabilità per pressoflessione retta/deviata																				
Id _{Tr}	%L _{LI}	CS	k _{mod}	A	N _{Ed}	σ _{c,0d}	f _{c,0d}	K _m	λ _N	λ _{rel, N}	K _{crit,c}	D _{i,r}	M _{Ed}	W	σ _{md}	f _{md}	K _h	L _{LI}	λ _{rel}	K _{crit, m}
	[%]			[cm²]	[N]	[N/mm²]	[N/mm²]						[N·m]	[cm³]	[N/mm²]	[N/mm²]		[m]		
Trave Legno 34a-38a	75.0%	4.77	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	-6 138	1 536	4.00	19.05	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀
	100.0 %	29.2 ₆	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	1 000	1 536	0.65	19.05	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀
	0%	6.26	0.90	2 400	35 71 ₉	0.15	17.37 ₉	0.70	5.85	0.10	1.000	X	-77 18 ₄	32 00 ₀	2.41	17.38	1.00	1.35	0.21 ₂	1.00 ₀
												Y	3 985	12 00 ₀	0.33	18.63	1.07	1.35	0.07 ₉	1.00 ₀
Trave Legno 37a-38a	25.0%	8.55	0.90	2 400	35 71 ₉	0.15	17.37 ₉	0.70	5.85	0.10	1.000	X	-56 34 ₉	32 00 ₀	1.76	17.38	1.00	1.35	0.21 ₂	1.00 ₀
												Y	2 273	12 00 ₀	0.19	18.63	1.07	1.35	0.07 ₉	1.00 ₀
	50.0%	13.5 ₆	0.90	2 400	35 71 ₉	0.15	17.37 ₉	0.70	5.85	0.10	1.000	X	-35 29 ₀	32 00 ₀	1.10	17.38	1.00	1.35	0.21 ₂	1.00 ₀
												Y	559	12 00 ₀	0.05	18.63	1.07	1.35	0.07 ₉	1.00 ₀
	75.0%	19.8 ₃	1.10	2 400	27 94 ₈	0.12	21.24 ₁	0.70	5.85	0.10	1.000	X	-22 97 ₂	32 00 ₀	0.72	21.24	1.00	1.35	0.21 ₂	1.00 ₀
												Y	-4 352	12 00 ₀	0.36	22.77	1.07	1.35	0.07 ₉	1.00 ₀
Trave Legno 37a-38a	100.0 %	14.8 ₅	1.10	2 400	27 94 ₈	0.12	21.24 ₁	0.70	5.85	0.10	1.000	X	31 55 ₅	32 00 ₀	0.99	21.24	1.00	1.35	0.21 ₂	1.00 ₀
												Y	-6 024	12 00 ₀	0.50	22.77	1.07	1.35	0.07 ₉	1.00 ₀
	0%	33.7 ₁	0.90	384	0	0.00	17.37 ₉	0.70	71.4 ₅	1.17	0.621	X	868	1 536	0.57	19.05	1.10	4.95	0.47 ₆	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	4.95	0.00 ₀	0.00 ₀
	25.0%	4.61	0.90	384	0	0.00	17.37 ₉	0.70	71.4 ₅	1.17	0.621	X	-6 341	1 536	4.13	19.05	1.10	4.95	0.47 ₆	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	4.95	0.00 ₀	0.00 ₀
Trave Legno 35a-39a	50.0%	3.34	0.90	384	0	0.00	17.37 ₉	0.70	71.4 ₅	1.17	0.621	X	-8 747	1 536	5.69	19.05	1.10	4.95	0.47 ₆	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	4.95	0.00 ₀	0.00 ₀
	75.0%	4.62	0.90	384	0	0.00	17.37 ₉	0.70	71.4 ₅	1.17	0.621	X	-6 337	1 536	4.13	19.05	1.10	4.95	0.47 ₆	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	4.95	0.00 ₀	0.00 ₀
	100%	33.5 ₅	0.90	384	0	0.00	17.37 ₉	0.70	71.4 ₅	1.17	0.621	X	872	1 536	0.57	19.05	1.10	4.95	0.47 ₆	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	4.95	0.00 ₀	0.00 ₀
Trave Legno 35a-39a	0%	6.71	0.90	2 400	35 28 ₉	0.15	17.37 ₉	0.70	5.85	0.10	1.000	X	-73 46 ₇	32 00 ₀	2.30	17.38	1.00	1.35	0.21 ₂	1.00 ₀
												Y	-2 682	12 00 ₀	0.22	18.63	1.07	1.35	0.07 ₉	1.00 ₀
	25.0%	9.09	0.90	2 400	35 28 ₉	0.15	17.37 ₉	0.70	5.85	0.10	1.000	X	-52 31 ₉	32 00 ₀	1.63	17.38	1.00	1.35	0.21 ₂	1.00 ₀
												Y	-2 376	12 00 ₀	0.20	18.63	1.07	1.35	0.07 ₉	1.00 ₀
	50.0%	14.1 ₇	0.90	2 400	35 28 ₉	0.15	17.37 ₉	0.70	5.85	0.10	1.000	X	-30 94 ₇	32 00 ₀	0.97	17.38	1.00	1.35	0.21 ₂	1.00 ₀
												Y	-2 067	12 00 ₀	0.17	18.63	1.07	1.35	0.07 ₉	1.00 ₀
Trave Legno 38a-39a	75.0%	20.3 ₈	1.10	2 400	48 93 ₀	0.20	21.24 ₁	0.70	5.85	0.10	1.000	X	-18 46 ₁	32 00 ₀	0.58	21.24	1.00	1.35	0.21 ₂	1.00 ₀
												Y	-4 801	12 00 ₀	0.40	22.77	1.07	1.35	0.07 ₉	1.00 ₀
	100.0 %	13.8 ₆	1.10	2 400	48 93 ₀	0.20	21.24 ₁	0.70	5.85	0.10	1.000	X	32 46 ₃	32 00 ₀	1.01	21.24	1.00	1.35	0.21 ₂	1.00 ₀
												Y	-5 775	12 00 ₀	0.48	22.77	1.07	1.35	0.07 ₉	1.00 ₀
	0%	20.9 ₉	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	1 394	1 536	0.91	19.05	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀
Trave Legno 38a-39a	25.0%	4.91	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	-5 961	1 536	3.88	19.05	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀
	50.0%	3.48	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	-8 413	1 536	5.48	19.05	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀
Trave Legno 38a-39a	75.0%	4.91	0.90	384	0	0.00	17.37 ₉	0.70	72.1 ₇	1.19	0.611	X	-5 959	1 536	3.88	19.05	1.10	5.00	0.47 ₈	1.00 ₀
												Y	0	1 024	0.00	19.12	1.10	5.00	0.00 ₀	0.00 ₀

Travi (LG) - Verifiche a instabilità per pressoflessione retta/deviata																				
Id _{Tr}	%L _{LT}	CS	k _{mod}	A	N _{Ed}	σ _{c,0d}	f _{c,0d}	K _m	λ _N	λ _{rel,N}	K _{crit,c}	D _{i,r}	M _{Ed}	W	σ _{md}	f _{md}	K _h	L _{LT}	λ _{rel}	K _{crit,m}
	[%]			[cm ²]	[N]	[N/mm ²]	[N/mm ²]						[N·m]	[cm ³]	[N/mm ²]	[N/mm ²]		[m]		
Trave Legno 36a-40a	100%	20.9 6	0.90	384	0	0.00	17.37 9	0.70	72.1 7	1.19	0.611	X Y	1 396 0	1 536 1 024	0.91 0.00	19.05 19.12	1.10 1.10	5.00 5.00	0.47 8 0.00 0	1.00 0 0.00 0
	0%	5.71	0.90	2 400	35 20 2	0.15	17.37 9	0.70	5.85	0.10	1.000	X Y	-76 23 2 -9 411	32 00 0 12 00 0	2.38 0.78	17.38 18.63	1.00 1.07	1.35 1.35	0.21 2 0.07 9	1.00 0 1.00 0
	25.0%	7.71	0.90	2 400	35 20 2	0.15	17.37 9	0.70	5.85	0.10	1.000	X Y	-55 19 4 -7 018	32 00 0 12 00 0	1.72 0.58	17.38 18.63	1.00 1.07	1.35 1.35	0.21 2 0.07 9	1.00 0 1.00 0
	50.0%	11.9 1	0.90	2 400	35 20 2	0.15	17.37 9	0.70	5.85	0.10	1.000	X Y	-33 93 3 -4 622	32 00 0 12 00 0	1.06 0.39	17.38 18.63	1.00 1.07	1.35 1.35	0.21 2 0.07 9	1.00 0 1.00 0
	75.0%	20.6 9	1.10	2 400	63 84 0	0.27	21.24 1	0.70	5.85	0.10	1.000	X Y	-16 81 3 -4 326	32 00 0 12 00 0	0.53 0.36	21.24 22.77	1.00 1.07	1.35 1.35	0.21 2 0.07 9	1.00 0 1.00 0
	100.0 %	15.4 7	1.10	2 400	28 66 5	0.12	21.24 1	0.70	5.85	0.10	1.000	X Y	32 04 0 -4 633	32 00 0 12 00 0	1.00 0.39	21.24 22.77	1.00 1.07	1.35 1.35	0.21 2 0.07 9	1.00 0 1.00 0
Trave Legno 39a-40a	0%	20.4 9	0.90	384	0	0.00	17.37 9	0.70	72.1 7	1.19	0.611	X Y	1 428 0	1 536 1 024	0.93 0.00	19.05 19.12	1.10 1.10	5.00 5.00	0.47 8 0.00 0	1.00 0 0.00 0
	25.0%	4.93	0.90	384	0	0.00	17.37 9	0.70	72.1 7	1.19	0.611	X Y	-5 933 0	1 536 1 024	3.86 0.00	19.05 19.12	1.10 1.10	5.00 5.00	0.47 8 0.00 0	1.00 0 0.00 0
	50.0%	3.49	0.90	384	0	0.00	17.37 9	0.70	72.1 7	1.19	0.611	X Y	-8 386 0	1 536 1 024	5.46 0.00	19.05 19.12	1.10 1.10	5.00 5.00	0.47 8 0.00 0	1.00 0 0.00 0
	75.0%	4.93	0.90	384	0	0.00	17.37 9	0.70	72.1 7	1.19	0.611	X Y	-5 930 0	1 536 1 024	3.86 0.00	19.05 19.12	1.10 1.10	5.00 5.00	0.47 8 0.00 0	1.00 0 0.00 0
	100.0 %	20.4 0	0.90	384	0	0.00	17.37 9	0.70	72.1 7	1.19	0.611	X Y	1 434 0	1 536 1 024	0.93 0.00	19.05 19.12	1.10 1.10	5.00 5.00	0.47 8 0.00 0	1.00 0 0.00 0
	0%	28.4 0	1.10	2 400	20 03 8	0.08	21.24 1	0.70	13.8 6	0.23	1.000	X Y	-10 45 8 -5 603	32 00 0 12 00 0	0.33 0.47	21.24 22.77	1.00 1.07	1.20 1.20	0.20 0 0.07 5	1.00 0 1.00 0
Trave Legno 42a-47a	25.0%	32.0 7	0.90	2 400	3 368	0.01	17.37 9	0.70	5.20	0.09	1.000	X Y	-10 54 5 -3 644	32 00 0 12 00 0	0.33 0.30	17.38 18.63	1.00 1.07	1.20 1.20	0.20 0 0.07 5	1.00 0 1.00 0
	50.0%	33.1 7	0.90	2 400	3 415	0.01	17.37 9	0.70	5.20	0.09	1.000	X Y	-11 07 7 -3 004	32 00 0 12 00 0	0.35 0.25	17.38 18.63	1.00 1.07	1.20 1.20	0.20 0 0.07 5	1.00 0 1.00 0
	75.0%	34.6 0	0.90	2 400	3 415	0.01	17.37 9	0.70	5.20	0.09	1.000	X Y	-11 39 7 -2 423	32 00 0 12 00 0	0.36 0.20	17.38 18.63	1.00 1.07	1.20 1.20	0.20 0 0.07 5	1.00 0 1.00 0
	100%	35.3 7	1.10	2 400	5 553	0.02	21.24 1	0.70	5.20	0.09	1.000	X Y	-12 98 6 -3 154	32 00 0 12 00 0	0.41 0.26	21.24 22.77	1.00 1.07	1.20 1.20	0.20 0 0.07 5	1.00 0 1.00 0
	0%	25.9 4	1.10	2 400	12 79 0	0.05	21.24 1	0.70	13.8 6	0.23	1.000	X Y	5 105 -8 408	32 00 0 12 00 0	0.16 0.70	21.24 22.77	1.00 1.07	1.20 1.20	0.20 0 0.07 5	1.00 0 1.00 0
	25.0%	31.3 9	1.10	2 400	12 79 0	0.05	21.24 1	0.70	13.8 6	0.23	1.000	X Y	-2 474 -7 323	32 00 0 12 00 0	0.08 0.61	21.24 22.77	1.00 1.07	1.20 1.20	0.20 0 0.07 5	1.00 0 1.00 0
Trave Legno 37a-42a	50.0%	36.1 3	1.10	2 400	12 79 0	0.05	21.24 1	0.70	13.8 6	0.23	1.000	X Y	-2 257 -6 240	32 00 0 12 00 0	0.07 0.52	21.24 22.77	1.00 1.07	1.20 1.20	0.20 0 0.07 5	1.00 0 1.00 0
	75.0%	35.4 2	1.10	2 400	16 53 7	0.07	21.24 1	0.70	13.8 6	0.23	1.000	X Y	-5 666 -5 233	32 00 0 12 00 0	0.18 0.44	21.24 22.77	1.00 1.07	1.20 1.20	0.20 0 0.07 5	1.00 0 1.00 0
	100.0 %	30.2 4	1.10	2 400	11 17 5	0.05	21.24 1	0.70	13.8 6	0.23	1.000	X Y	-10 06 0 -5 604	32 00 0 12 00 0	0.31 0.47	21.24 22.77	1.00 1.07	1.20 1.20	0.20 0 0.07 5	1.00 0 1.00 0

Travi (LG) - Verifiche a instabilità per pressoflessione retta/deviata																				
Id _{Tr}	%L _{LI}	CS	k _{mod}	A	N _{Ed}	σ _{c,0d}	f _{c,0d}	K _m	λ _N	λ _{rel,N}	K _{crit,c}	Di _r	M _{Ed}	W	σ _{md}	f _{md}	K _h	L _{LI}	λ _{rel}	K _{crit,m}
	[%]			[cm²]	[N]	[N/mm²]	[N/mm²]						[N·m]	[cm³]	[N/mm²]	[N/mm²]		[m]		
Trave Legno 49a-28	24.8%	2.37	0.90	2 400	35 218	0.15	17.379	0.70	1.08	0.02	1.000	X	226 791	32 000	7.09	17.38	1.00	0.25	0.091	1.000
												Y	1 550	12 000	0.13	18.63	1.07	0.25	0.034	1.000
	50.0%	2.29	0.90	2 400	35 218	0.15	17.379	0.70	1.08	0.02	1.000	X	233 805	32 000	7.31	17.38	1.00	0.25	0.091	1.000
												Y	2 298	12 000	0.19	18.63	1.07	0.25	0.034	1.000
	74.8%	2.22	0.90	2 400	35 218	0.15	17.379	0.70	1.08	0.02	1.000	X	240 828	32 000	7.53	17.38	1.00	0.25	0.091	1.000
												Y	3 044	12 000	0.25	18.63	1.07	0.25	0.034	1.000
	100%	2.15	0.90	2 400	35 218	0.15	17.379	0.70	1.08	0.02	1.000	X	247 856	32 000	7.75	17.38	1.00	0.25	0.091	1.000
												Y	3 791	12 000	0.32	18.63	1.07	0.25	0.034	1.000
	0%	2.36	0.90	2 400	34 545	0.14	17.379	0.70	1.08	0.02	1.000	X	227 633	32 000	7.11	17.38	1.00	0.25	0.091	1.000
												Y	2 107	12 000	0.18	18.63	1.07	0.25	0.034	1.000
	24.8%	2.29	0.90	2 400	34 545	0.14	17.379	0.70	1.08	0.02	1.000	X	234 718	32 000	7.33	17.38	1.00	0.25	0.091	1.000
												Y	2 295	12 000	0.19	18.63	1.07	0.25	0.034	1.000
Trave Legno 27-28	50.0%	2.22	0.90	2 400	34 545	0.14	17.379	0.70	1.08	0.02	1.000	X	241 806	32 000	7.56	17.38	1.00	0.25	0.091	1.000
												Y	2 480	12 000	0.21	18.63	1.07	0.25	0.034	1.000
	74.8%	2.15	0.90	2 400	34 545	0.14	17.379	0.70	1.08	0.02	1.000	X	248 904	32 000	7.78	17.38	1.00	0.25	0.091	1.000
												Y	2 670	12 000	0.22	18.63	1.07	0.25	0.034	1.000
	100%	2.09	0.90	2 400	34 545	0.14	17.379	0.70	1.08	0.02	1.000	X	256 006	32 000	8.00	17.38	1.00	0.25	0.091	1.000
												Y	2 859	12 000	0.24	18.63	1.07	0.25	0.034	1.000
	0%	21.40	1.10	2 400	12 170	0.05	21.241	0.70	19.92	0.33	0.997	X	24 785	32 000	0.77	21.24	1.00	4.60	0.391	1.000
												Y	3 070	12 000	0.26	22.77	1.07	4.60	0.147	1.000
	25.0%	39.66	1.10	2 400	12 170	0.05	21.241	0.70	19.92	0.33	0.997	X	-12 740	32 000	0.40	21.24	1.00	4.60	0.391	1.000
												Y	1 591	12 000	0.13	22.77	1.07	4.60	0.147	1.000
	50.0%	NS	1.10	2 400	12 170	0.05	21.241	0.70	19.92	0.33	0.997	X	-3 381	32 000	0.11	21.24	1.00	4.60	0.391	1.000
												Y	150	12 000	0.01	22.77	1.07	4.60	0.147	1.000
Trave Legno 50a-29	75.0%	57.56	1.10	2 400	9 359	0.04	21.241	0.70	19.92	0.33	0.997	X	8 164	32 000	0.26	21.24	1.00	4.60	0.391	1.000
												Y	-1 374	12 000	0.11	22.77	1.07	4.60	0.147	1.000
	100%	24.17	1.10	2 400	9 359	0.04	21.241	0.70	19.92	0.33	0.997	X	21 893	32 000	0.68	21.24	1.00	4.60	0.391	1.000
												Y	-2 856	12 000	0.24	22.77	1.07	4.60	0.147	1.000
	0%	2.38	0.90	2 400	33 407	0.14	17.379	0.70	1.08	0.02	1.000	X	224 007	32 000	7.00	17.38	1.00	0.25	0.091	1.000
												Y	3 082	12 000	0.26	18.63	1.07	0.25	0.034	1.000
	24.8%	2.31	0.90	2 400	33 407	0.14	17.379	0.70	1.08	0.02	1.000	X	231 073	32 000	7.22	17.38	1.00	0.25	0.091	1.000
												Y	2 725	12 000	0.23	18.63	1.07	0.25	0.034	1.000
	50.0%	2.25	0.90	2 400	33 407	0.14	17.379	0.70	1.08	0.02	1.000	X	238 146	32 000	7.44	17.38	1.00	0.25	0.091	1.000
												Y	2 366	12 000	0.20	18.63	1.07	0.25	0.034	1.000
	74.8%	2.20	0.90	2 400	33 407	0.14	17.379	0.70	1.08	0.02	1.000	X	245 223	32 000	7.66	17.38	1.00	0.25	0.091	1.000
												Y	2 004	12 000	0.17	18.63	1.07	0.25	0.034	1.000
100%	2.14	0.90	2 400	33 407	0.14	17.379	0.70	1.08	0.02	1.000	X	252 309	32 000	7.88	17.38	1.00	0.25	0.091	1.000	
											Y	1 645	12 000	0.14	18.63	1.07	0.25	0.034	1.000	

LEGENDA:

Id_{Tr}	Identificativo della trave.
%L_{LI}	Posizione della sezione per la quale vengono forniti i valori di verifica, valutata come % della lunghezza libera d'inflessione (L _{LI}), a partire dall'estremo iniziale.
CS	Coefficiente di sicurezza ([NS] = Non Significativo se CS ≥ 100; [VNR]= Verifica Non Richiesta; Informazioni aggiuntive sulla condizione: [V] = statica; [E] = eccezionale; [S] = sismica; [N] = sismica non lineare).
k_{mod}	Coefficiente di riduzione per Classe di Servizio e di Durata del carico.
A	Area della sezione.

Id _{Tr}	CS	K _{def}	Comb. U _{ist}			Comb. U _{diff}			Comb. U _{tot}			U _{ist,amm}	U _{tot,amm}
			Rare	Freq.	Perm.	Rare	Freq.	Perm.	Rare	Freq.	Perm.		
			[cm]	[cm]	[cm]	[cm]	[cm]	[cm]	[cm]	[cm]	[cm]	[cm]	[cm]
Trave Legno 17a-21a	31.56	0.60	0.0143	0.0100	0.0093	0.0056	0.0056	0.0056	0.0199	0.0156	0.0149	0.4500	0.6750
Trave Legno 20a-21a	2.84	0.60	0.5860	0.3677	0.3356	0.2014	0.2015	0.2015	0.7874	0.5692	0.5372	1.6667	2.5000
Trave Legno 18a-22a	33.59	0.60	0.0134	0.0094	0.0088	0.0053	0.0053	0.0053	0.0187	0.0146	0.0140	0.4500	0.6750
Trave Legno 21a-22a	2.84	0.60	0.5864	0.3680	0.3360	0.2016	0.2018	0.2018	0.7881	0.5698	0.5377	1.6667	2.5000
Trave Legno 24a-25a	2.55	0.60	0.6480	0.4069	0.3714	0.2229	0.2230	0.2230	0.8709	0.6300	0.5945	1.6500	2.4750
Trave Legno 21a-26a	34.30	0.60	0.0117	0.0081	0.0075	0.0045	0.0045	0.0045	0.0162	0.0126	0.0121	0.4000	0.6000
Trave Legno 25a-26a	2.63	0.60	0.6327	0.3970	0.3624	0.2175	0.2176	0.2176	0.8501	0.6146	0.5800	1.6667	2.5000
Trave Legno 22a-27a	36.53	0.60	0.0109	0.0076	0.0071	0.0042	0.0042	0.0042	0.0152	0.0118	0.0113	0.4000	0.6000
Trave Legno 26a-27a	2.63	0.60	0.6340	0.3981	0.3635	0.2181	0.2183	0.2183	0.8521	0.6164	0.5817	1.6667	2.5000
Trave Legno 29a-30a	2.62	0.60	0.6299	0.3939	0.3593	0.2156	0.2159	0.2159	0.8455	0.6098	0.5752	1.6500	2.4750
Trave Legno 26a-31a	38.43	0.60	0.0104	0.0072	0.0067	0.0040	0.0040	0.0040	0.0144	0.0112	0.0107	0.4000	0.6000
Trave Legno 30a-31a	2.73	0.60	0.6115	0.3839	0.3504	0.2103	0.2105	0.2105	0.8218	0.5944	0.5609	1.6667	2.5000
Trave Legno 27a-32a	41.37	0.60	0.0097	0.0067	0.0062	0.0037	0.0037	0.0037	0.0134	0.0104	0.0099	0.4000	0.6000
Trave Legno 31a-32a	2.72	0.60	0.6127	0.3848	0.3513	0.2108	0.2110	0.2110	0.8235	0.5958	0.5623	1.6667	2.5000
Trave Legno 16a-20a	33.76	0.60	0.0133	0.0093	0.0087	0.0052	0.0052	0.0052	0.0186	0.0145	0.0139	0.4500	0.6750
Trave Legno 20a-25a	36.59	0.60	0.0109	0.0076	0.0071	0.0042	0.0042	0.0042	0.0152	0.0118	0.0113	0.4000	0.6000
Trave Legno 25a-30a	41.29	0.60	0.0097	0.0067	0.0062	0.0038	0.0038	0.0038	0.0134	0.0104	0.0100	0.4000	0.6000
Trave Legno 28a-33a	NS	0.60	0.0006	0.0004	0.0004	0.0002	0.0002	0.0002	0.0008	0.0006	0.0006	0.4000	0.6000
Trave Legno 23a-28a	NS	0.60	0.0007	0.0005	0.0004	0.0003	0.0003	0.0003	0.0009	0.0007	0.0007	0.4000	0.6000
Trave Legno 13-23a	NS	0.60	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0002	-0.0002	-0.0001	0.3833	0.5750
Trave Legno 40a-41a	2.48	0.60	0.6720	0.4199	0.3828	0.2298	0.2301	0.2301	0.9018	0.6499	0.6128	1.6667	2.5000
Trave Legno 45a-46a	2.45	0.60	0.6797	0.4275	0.3899	0.2340	0.2342	0.2342	0.9137	0.6616	0.6240	1.6667	2.5000
Trave Legno 50a-51a	2.51	0.60	0.6644	0.4162	0.3791	0.2276	0.2280	0.2280	0.8920	0.6442	0.6071	1.6667	2.5000
Trave Legno 47a-48a	2.40	0.60	0.6873	0.4337	0.3966	0.2379	0.2379	0.2379	0.9252	0.6716	0.6345	1.6500	2.4750
Trave Legno 43a-48a	31.35	0.60	-0.0128	-0.0089	-0.0083	-0.0050	-0.0050	-0.0050	-0.0178	-0.0139	-0.0133	0.4000	0.6000
Trave Legno 44a-49a	29.97	0.60	-0.0133	-0.0093	-0.0087	-0.0052	-0.0052	-0.0052	-0.0186	-0.0146	-0.0140	0.4000	0.6000
Trave Legno 48a-49a	2.68	0.60	0.6214	0.3920	0.3581	0.2149	0.2149	0.2149	0.8362	0.6070	0.5731	1.6667	2.5000
Trave Legno 45a-50a	30.55	0.60	-0.0131	-0.0092	-0.0086	-0.0051	-0.0051	-0.0051	-0.0182	-0.0143	-0.0137	0.4000	0.6000
Trave Legno 49a-50a	2.75	0.60	0.6069	0.3814	0.3478	0.2088	0.2090	0.2090	0.8157	0.5904	0.5569	1.6667	2.5000
Trave Legno 38a-43a	88.78	0.60	-0.0045	-0.0031	-0.0030	-0.0018	-0.0018	-0.0018	-0.0063	-0.0049	-0.0047	0.4000	0.6000
Trave Legno 42a-43a	2.47	0.60	0.6686	0.4218	0.3854	0.2312	0.2312	0.2312	0.8999	0.6530	0.6166	1.6500	2.4750
Trave Legno 39a-44a	80.24	0.60	-0.0050	-0.0035	-0.0033	-0.0020	-0.0020	-0.0020	-0.0070	-0.0055	-0.0053	0.4000	0.6000
Trave Legno 43a-44a	2.57	0.60	0.6490	0.4087	0.3732	0.2239	0.2240	0.2240	0.8730	0.6327	0.5972	1.6667	2.5000
Trave Legno 40a-45a	84.10	0.60	-0.0048	-0.0033	-0.0031	-0.0019	-0.0019	-0.0019	-0.0066	-0.0052	-0.0050	0.4000	0.6000
Trave Legno 44a-45a	2.60	0.60	0.6415	0.4031	0.3678	0.2207	0.2209	0.2209	0.8622	0.6240	0.5887	1.6667	2.5000
Trave Legno 34a-38a	NS	0.60	0.0037	0.0025	0.0023	0.0014	0.0014	0.0014	0.0051	0.0039	0.0037	0.4500	0.6750
Trave Legno 37a-38a	2.54	0.60	0.6503	0.4080	0.3724	0.2235	0.2236	0.2236	0.8738	0.6317	0.5961	1.6500	2.4750
Trave Legno 35a-39a	NS	0.60	0.0033	0.0022	0.0020	0.0012	0.0012	0.0012	0.0045	0.0034	0.0033	0.4500	0.6750
Trave Legno 38a-39a	2.65	0.60	0.6289	0.3952	0.3608	0.2165	0.2167	0.2167	0.8454	0.6119	0.5774	1.6667	2.5000
Trave Legno 36a-40a	NS	0.60	0.0035	0.0023	0.0022	0.0013	0.0013	0.0013	0.0048	0.0037	0.0035	0.4500	0.6750
Trave Legno 39a-40a	2.66	0.60	0.6256	0.3928	0.3584	0.2151	0.2153	0.2153	0.8407	0.6080	0.5737	1.6667	2.5000
Trave Legno 42a-47a	NS	0.60	0.0009	0.0006	0.0006	0.0003	0.0003	0.0003	0.0012	0.0010	0.0009	0.4000	0.6000
Trave Legno 37a-42a	NS	0.60	0.0003	0.0002	0.0002	0.0001	0.0001	0.0001	0.0005	0.0004	0.0004	0.4000	0.6000
Trave Legno 18-37a	NS	0.60	-0.0008	-0.0005	-0.0005	-0.0003	-0.0003	-0.0003	-0.0011	-0.0009	-0.0008	0.3500	0.5250
Trave Legno 22-41a	NS	0.60	-0.0012	-0.0009	-0.0008	-0.0005	-0.0005	-0.0005	-0.0017	-0.0014	-0.0013	0.3833	0.5750
Trave Legno 41a-46a	NS	0.60	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0002	0.0001	0.0001	0.4000	0.6000
Trave Legno 46a-51a	NS	0.60	0.0006	0.0004	0.0004	0.0002	0.0002	0.0002	0.0009	0.0006	0.0006	0.4000	0.6000
Trave Legno 48a-27	NS	0.60	-0.0008	-0.0006	-0.0005	-0.0003	-0.0003	-0.0003	-0.0011	-0.0009	-0.0008	0.0833	0.1250
Trave Legno 49a-28	NS	0.60	-0.0008	-0.0006	-0.0005	-0.0003	-0.0003	-0.0003	-0.0012	-0.0009	-0.0009	0.0833	0.1250
Trave Legno 27-28	NS	0.60	0.0009	0.0005	0.0005	0.0003	0.0003	0.0003	0.0012	0.0009	0.0008	1.5333	2.3000
Trave Legno 50a-29	NS	0.60	-0.0008	-0.0006	-0.0005	-0.0003	-0.0003	-0.0003	-0.0011	-0.0009	-0.0009	0.0833	0.1250

LEGENDA:

- Id_{Tr}

CS

K_{def}

U_{ist,amm}

U_{tot,amm}

U_{ist}

U_{diff}

U_{tot}
- Identificativo della trave.

Coefficiente di sicurezza ([NS] = Non Significativo se CS ≥ 100; [VNR]= Verifica Non Richiesta; Informazioni aggiuntive sulla condizione: [V] = statica; [E] = eccezionale; [S] = sismica; [N] = sismica non lineare).

Coefficiente di calcolo dello spostamento differito (Viscosità).

Spostamento istantaneo ammissibile allo SLE

Spostamento totale ammissibile allo SLE

Spostamento massimo istantaneo per la Combinazione.

Spostamento massimo differito per la Combinazione.

Spostamento massimo totale per la Combinazione.

PIANI - VERIFICHE REGOLARITÀ (Elevazione)

REGOLARITÀ DELLA STRUTTURA IN PIANTA			
a)	la configurazione in pianta è compatta ossia la distribuzione di masse e rigidzze è approssimativamente simmetrica rispetto a due direzioni ortogonali e il contorno di ogni orizzontamento è convesso; il requisito può ritenersi soddisfatto, anche in presenza di rientranze in pianta, quando esse non influenzano significativamente la rigidzza nel piano dell'orizzontamento e, per ogni rientranza, l'area compresa tra il perimetro dell'orizzontamento e la linea convessa circoscritta all'orizzontamento non supera il 5% dell'area dell'orizzontamento;	SI	
b)	il rapporto tra i lati del rettangolo circoscritto alla pianta di ogni orizzontamento è inferiore a 4;	SI	
c)	ciascun orizzontamento ha una rigidzza nel proprio piano tanto maggiore della corrispondente rigidzza degli elementi strutturali verticali da potersi assumere che la sua deformazione in pianta influenzi in modo trascurabile la distribuzione delle azioni sismiche tra questi ultimi e ha resistenza sufficiente a garantire l'efficacia di tale distribuzione;	NO	
La struttura non è regolare in pianta.			
REGOLARITÀ DELLA STRUTTURA IN ALTEZZA			
d)	tutti i sistemi resistenti alle azioni orizzontali si estendono per tutta l'altezza della costruzione o, se sono presenti parti aventi differenti altezze, fino alla sommità della rispettiva parte dell'edificio;	SI	
e)	massa e rigidzza rimangono costanti o variano gradualmente, senza bruschi cambiamenti, dalla base alla sommità della costruzione (le variazioni di massa da un orizzontamento all'altro non superano il 25%, la rigidzza non si riduce da un orizzontamento a quello sovrastante più del 30% e non aumenta più del 10%); ai fini della rigidzza si possono considerare regolari in altezza strutture dotate di pareti o nuclei in c.a. o di pareti e nuclei in muratura di sezione costante sull'altezza o di telai controventati in acciaio, ai quali sia affidato almeno il 50% dell'azione sismica alla base;	NO	
f)	nelle strutture intelaiate, il rapporto tra la capacità e la domanda allo SLV non è significativamente diverso, in termini di resistenza, per orizzontamenti diversi	NO	

	(tale rapporto, calcolato per un generico orizzontamento, non deve differire più del 30% dall'analogo rapporto calcolato per l'orizzontamento adiacente); può fare eccezione l'ultimo orizzontamento di strutture intelaiate di almeno tre orizzontamenti;	
g)	eventuali restringimenti della sezione orizzontale della costruzione avvengano con continuità da un orizzontamento al successivo; oppure avvengano in modo che il rientro di un orizzontamento non superi il 10% della dimensione corrispondente all'orizzontamento immediatamente sottostante, né il 30% della dimensione corrispondente al primo orizzontamento. Fa eccezione l'ultimo orizzontamento di costruzioni di almeno quattro orizzontamenti, per il quale non sono previste limitazioni di restringimento;	SI
La struttura non è regolare in altezza.		

Piani - Verifiche Regolarità											
IdPiano	Q _{Lv}	H _{Lv}	Rd _{Tmp}	Ir _{Tmp}	M _{SLU}	K _{SLU}		R _{eff}		R _{ric}	
	[m]	[m]			[N·s ² /m]	X	Y	X	Y	X	Y
						[N/cm]	[N/cm]	[N]	[N]	[N]	[N]
Piano copertura	4.00	6.00	NO		496 639	712 282	1 086 337	2 978 604	7 530 065	324 486	517 359
Piano terra	0.00	4.00	NO	NO	969 233	2 010 547	2 197 485	6 639 583	10 666 333	3 337 718	3 649 953

LEGENDA:

- IdPiano** Identificativo del livello o piano.
- Q_{Lv}** Quota del livello o piano.
- H_{Lv}** Altezza del livello o piano.
- Rd_{Tmp}** Per i piani con riduzione dei tamponamenti, sono state incrementate le azioni di calcolo per gli elementi verticali (pilastri e pareti) di un fattore 1,4: [SI] = Piano con riduzione dei tamponamenti - [NO] = Piano senza riduzione dei tamponamenti.
- Ir_{Tmp}** Per piani con distribuzione dei tamponamenti in pianta fortemente irregolare, l'eccentricità accidentale è stata incrementata di un fattore pari a 2: [SI] = Distribuzione tamponamenti irregolare fortemente - [NO] = Distribuzione tamponamenti regolare.
- M_{SLU}** Massa eccitabile della struttura allo S.L. Ultimo, nelle direzioni X, Y, Z.
- K_{SLU}** Valori delle Rigidezze di Piano, valutate allo SLU, riferite agli assi X ed Y del riferimento globale.
- R_{eff}** Valori delle Resistenze Effettive di Piano, valutate allo SLU, relative al sistema di riferimento globale X, Y, Z.
- R_{ric}** Valori delle Resistenze Richieste di Piano, valutate allo SLU, relative al sistema di riferimento globale X, Y, Z.
- (*)** Vedi tabelle "Livelli o Piani" o "Solai e Balconi".

EFFETTI DELLE NON LINEARITÀ GEOMETRICHE PER SISMA (Elevazione)

Effetti delle non linearità geometriche per sisma										
IdPiano	Q _{Lv}	H _{Lv}	δ _{d,X}	δ _{d,Y}	P _{θ,X}	P _{θ,Y}	T _{θ,X}	T _{θ,Y}	Θ _X	Θ _Y
	[m]	[m]	[cm]	[cm]	[N]	[N]	[N]	[N]	[rad]	[rad]
Piano copertura	4.00	6.00	2.4215	1.5877	4 872 106	4 872 106	1 724 824	1 724 824	1.14 E-02	7.4748 E-03
Piano terra	0.00	4.00	1.5375	1.4067	14 380 310	14 380 310	3 091 259	3 091 259	1.7881 E-02	1.636 E-02

LEGENDA:

- IdPiano** Identificativo del livello o piano.
- H_{Lv}** Altezza del livello o piano.
- δ_{d,X}, δ_{d,Y}** Componenti dello spostamento differenziale rispetto al piano inferiore.
- P_{θ,X}, P_{θ,Z}** Valori del carico verticale del piano utilizzato per il calcolo di "θ".
- T_{θ,X}, T_{θ,Y}** Valori del tagliante di piano utilizzati per il calcolo di "θ".
- θ_X, θ_Y** Coefficienti "θ" del piano.
- Nota** Le forze sismiche orizzontali agenti sui piani caratterizzati da valori di θ compresi tra 0,1 e 0,2, sono state incrementate del fattore "1/(1-θ)", per portare in conto gli effetti del secondo ordine.

PIANI - VERIFICHE ALLO SLO (Elevazione)

Piani - Verifiche allo SLO									
IdPiano	Q _{Lv}	H _{Lv}	δ _{amm,SLO}	δ _{d,SLO}		Δδ _{SLO}		C _{lg} T _{tmp}	Note
	[m]	[m]	[cm]	X	Y	X	Y		
				[cm]	[cm]	[cm]	[cm]		
Piano copertura	4.00	6.00	2.0000	0.7523	0.3676	1.2477	1.6324	RF	Verificato
Piano terra	0.00	4.00	1.3333	0.3630	0.3105	0.9704	1.0228	RF	Verificato

LEGENDA:

- IdPiano** Identificativo del livello o piano.
- Q_{Lv}** Quota del livello o piano.
- H_{Lv}** Altezza del livello o piano.
- δ_{amm,SLO}** Spostamento Differenziale ammissibile per SLO.
- δ_{d,SLO}** Spostamento Differenziale di progetto allo SLO.
- Δδ_{SLO}** Differenza fra spostamento limite e quello di calcolo nelle direzioni X e Y.
- C_{lg} T_{tmp}** Tipo di collegamento delle tamponature alla struttura: [R] = Rigido - [E] = Elastico - [RF] = Rigidamente fragili - [RD] = Rigidamente Duttili.

SOLAI (CA)- VERIFICHE ALLO SLU (Elevazione)

Solai (CA)- Verifiche allo SLU									
IdCmp	%L _{LI}	Tp	M _{Ed,X,s}	M _{Ed,X,i}	A _{s,s}	A _{s,i}	CS _s	CS _i	
	[%]		[N·m]	[N·m]	[cm ²]	[cm ²]			
Piano copertura									
Travetto 2-1					Sezione: Solai 2.1				
	0%	!	1 497	1 890	0.79	0.00	4.58	-	
	12.5%	4	0	2 439	0.79	0.00	-	-	
	25.0%	4	0	2 756	0.00	0.00	-	-	
	37.5%	4	0	2 848	0.00	0.00	-	-	
	50.0%	4	0	2 848	0.00	0.00	-	-	
	62.5%	4	0	2 849	0.00	0.00	-	-	
	75.0%	4	0	2 763	0.00	0.00	-	-	
	87.5%	4	0	2 448	0.79	0.00	-	-	
	100.0%	!	1 497	1 910	0.79	0.00	4.58	-	
Piano copertura					Sezione: Solai 2.2				
Travetto 2-1					0.79	0.00	1.70	-	
	12.5%	4	0	5 749	0.79	0.00	-	-	
	25.0%	4	0	7 184	0.00	0.00	-	-	
	37.5%	4	0	7 862	0.00	0.00	-	-	
	50.0%	4	0	7 924	0.00	0.00	-	-	
	62.5%	4	0	7 868	0.00	0.00	-	-	

Solai (CA)- Verifiche allo SLU								
Id _{Cmp}	%L _L	Tp	M _{Ed,X,s}	M _{Ed,X,i}	A _{s,s}	A _{s,i}	CS _s	CS _i
	[%]		[N-m]	[N-m]	[cm²]	[cm²]		
	75.0%	4	0	7 199	0.00	0.00	-	-
	87.5%	4	0	5 777	0.79	0.00	-	-
	100.0%	!	4 032	3 596	0.79	0.00	1.70	-
Piano copertura			Sezione: Solai 2.3					
Travetto 1-2	0%	!	10 807	6 675	1.54	0.00	1.23	-
	12.5%	4	0	11 548	1.54	0.00	-	-
	25.0%	4	0	14 423	0.00	0.00	-	-
	37.5%	4	0	15 308	0.00	0.00	-	-
	50.0%	4	0	15 220	0.00	0.00	-	-
	62.5%	4	0	13 605	0.79	0.00	-	-
	75.0%	4	1 641	10 001	0.79	0.00	4.13	-
	87.5%	4	5 952	4 394	1.57	0.00	2.24	-
	100%	!	11 690	0	1.57	0.00	1.16	-
Travetto 2-3	0%	!	12 473	0	1.57	0.00	1.09	-
	12.5%	4	7 952	1 799	1.57	0.00	1.67	-
	25.0%	4	4 570	6 094	0.79	0.00	1.48	-
	37.5%	4	2 679	8 250	0.79	0.00	2.53	-
	50.0%	4	2 001	14 410	0.79	0.00	3.39	-
	62.5%	4	3 105	7 896	0.79	0.00	2.18	-
	75.0%	4	5 302	5 189	0.79	0.00	1.28	-
	87.5%	4	9 285	392	1.92	0.00	1.73	-
	100%	!	14 957	0	1.92	0.00	1.10	-
Travetto 3-4	0%	!	14 491	0	1.92	0.00	1.14	-
	12.5%	4	8 017	2 782	1.92	0.00	2.01	-
	25.0%	4	2 476	9 046	0.79	0.00	2.74	-
	37.5%	4	0	13 166	0.79	0.00	-	-
	50.0%	4	0	15 146	0.00	0.00	-	-
	62.5%	4	0	15 318	0.00	0.00	-	-
	75.0%	4	0	14 578	0.00	0.00	-	-
	87.5%	4	0	11 700	1.54	0.00	-	-
	100%	!	10 807	6 682	1.54	0.00	1.23	-
Piano copertura			Sezione: Solai 2.4					
Travetto 1-2	0%	!	10 592	5 156	1.54	0.00	1.26	-
	12.5%	4	0	10 573	1.54	0.00	-	-
	25.0%	4	0	13 896	0.00	0.00	-	-
	37.5%	4	0	15 133	0.00	0.00	-	-
	50.0%	4	0	15 110	0.00	0.00	-	-
	62.5%	4	0	13 697	0.79	0.00	-	-
	75.0%	4	1 431	10 196	0.79	0.00	4.74	-
	87.5%	4	5 777	4 602	1.57	0.00	2.30	-
	100%	!	11 533	0	1.57	0.00	1.18	-
Travetto 2-3	0%	!	12 301	0	1.57	0.00	1.10	-
	12.5%	4	7 934	1 670	1.57	0.00	1.68	-
	25.0%	4	4 596	5 893	0.79	0.00	1.47	-
	37.5%	4	2 707	8 124	0.79	0.00	2.50	-
	50.0%	4	1 873	14 410	0.79	0.00	3.62	-
	62.5%	4	2 807	8 105	0.79	0.00	2.41	-
	75.0%	4	4 765	5 849	0.79	0.00	1.42	-
	87.5%	4	8 166	1 590	1.57	0.00	1.63	-
	100%	!	12 538	0	1.57	0.00	1.08	-
Travetto 3-4	0%	!	11 730	0	1.57	0.00	1.16	-
	12.5%	4	5 792	4 580	1.57	0.00	2.30	-
	25.0%	4	1 364	10 324	0.79	0.00	4.97	-
	37.5%	4	0	13 920	0.79	0.00	-	-
	50.0%	4	0	15 384	0.00	0.00	-	-
	62.5%	4	0	15 410	0.00	0.00	-	-
	75.0%	4	0	14 150	0.00	0.00	-	-
	87.5%	4	0	10 749	1.54	0.00	-	-
	100%	!	10 807	5 206	1.54	0.00	1.23	-
Piano copertura			Sezione: Solai 2.5					
Travetto 1-2	0%	!	52 036	26 109	4.02	0.00	1.04	-
	12.5%	4	0	62 693	4.02	0.00	-	-
	25.0%	4	0	87 713	0.00	0.00	-	-
	37.5%	4	0	101 164	0.00	0.00	-	-
	50.0%	4	0	103 689	0.00	0.00	-	-
	62.5%	4	0	100 183	0.00	0.00	-	-
	75.0%	4	0	85 366	0.00	0.00	-	-
	87.5%	4	0	58 979	4.02	0.00	-	-
	100.0%	!	52 036	21 028	4.02	0.00	1.04	-
Piano copertura			Sezione: Solai 2.6					
Travetto 1-2	0%	!	54 936	26 896	4.21	0.00	1.03	-
	12.5%	4	0	65 784	1.13	0.00	-	-
	25.0%	4	0	92 404	0.00	0.00	-	-
	37.5%	4	0	106 757	0.00	0.00	-	-
	50.0%	4	0	109 493	0.00	0.00	-	-
	62.5%	4	0	105 687	0.00	0.00	-	-
	75.0%	4	0	89 863	0.00	0.00	-	-
	87.5%	4	0	61 771	1.13	0.00	-	-
	100%	!	54 936	21 412	4.21	0.00	1.03	-
Piano copertura			Sezione: Solai 2.7					
Travetto 2-1	0%	!	7 737	290	1.57	0.00	1.76	-
	12.5%	4	6 925	2 598	1.57	0.00	1.92	-
	25.0%	4	4 837	4 228	0.79	0.00	1.40	-
	37.5%	4	3 099	5 187	0.79	0.00	2.19	-

Solai (CA)- Verifiche allo SLU								
Id _{Cmp}	%L _L	Tp	M _{Ed,X,s}	M _{Ed,X,i}	A _{s,s}	A _{s,i}	CS _s	CS _i
	[%]		[N-m]	[N-m]	[cm²]	[cm²]		
	50.0%	4	1 704	5 475	0.79	0.00	3.98	-
	62.5%	4	651	5 461	0.79	0.00	10.43	-
	75.0%	4	0	5 271	0.79	0.00	-	-
	87.5%	4	0	4 413	0.79	0.00	-	-
	100.0%	!	4 030	2 879	0.79	0.00	1.70	-
Travetto 3-2	0%	!	15 471	0	1.92	0.00	1.07	-
	12.5%	4	9 604	343	1.92	0.00	1.68	-
	25.0%	4	5 080	5 495	0.79	0.00	1.33	-
	37.5%	4	1 814	8 521	0.79	0.00	3.74	-
	50.0%	4	0	14 410	0.79	0.00	-	-
	62.5%	4	0	9 281	0.79	0.00	-	-
	75.0%	4	0	7 450	0.79	0.00	-	-
	87.5%	4	2 013	3 572	0.79	0.00	3.37	-
	100%	!	10 807	0	1.57	0.00	1.26	-
Travetto 4-3	0%	!	10 807	6 471	1.54	0.00	1.23	-
	12.5%	4	0	11 276	1.54	0.00	-	-
	25.0%	4	0	13 946	0.00	0.00	-	-
	37.5%	4	0	14 529	0.00	0.00	-	-
	50.0%	4	0	14 409	0.00	0.00	-	-
	62.5%	4	0	12 051	0.79	0.00	-	-
	75.0%	4	2 927	7 720	0.79	0.00	2.32	-
	87.5%	4	8 612	1 244	1.92	0.00	1.87	-
	100%	!	15 132	0	1.92	0.00	1.09	-
Piano terra					Sezione: Solai 1.1			
Travetto 1-2	0%	!	2 844	3 576	0.79	0.00	2.95	-
	12.5%	4	0	4 674	0.79	0.00	-	-
	25.0%	4	0	5 308	0.00	0.00	-	-
	37.5%	4	0	5 475	0.00	0.00	-	-
	50.0%	4	0	5 480	0.00	0.00	-	-
	62.5%	4	0	5 475	0.00	0.00	-	-
	75.0%	4	0	5 315	0.00	0.00	-	-
	87.5%	4	0	4 695	0.79	0.00	-	-
	100.0%	!	2 844	3 606	0.79	0.00	2.95	-
Piano terra					Sezione: Solai 1.2			
Travetto 1-2	0%	!	4 683	4 931	0.79	0.00	1.79	-
	12.5%	4	0	7 185	0.79	0.00	-	-
	25.0%	4	0	8 591	0.00	0.00	-	-
	37.5%	4	0	9 148	0.00	0.00	-	-
	50.0%	4	0	9 159	0.00	0.00	-	-
	62.5%	4	0	9 152	0.00	0.00	-	-
	75.0%	4	0	8 611	0.00	0.00	-	-
	87.5%	4	0	7 221	0.79	0.00	-	-
	100.0%	!	4 683	4 983	0.79	0.00	1.79	-
Piano terra					Sezione: Solai 1.3			
Travetto 1-2	0%	!	9 987	7 761	1.13	0.00	1.20	-
	12.5%	4	0	13 709	1.13	0.00	-	-
	25.0%	4	0	17 639	0.00	0.00	-	-
	37.5%	4	0	19 558	0.00	0.00	-	-
	50.0%	4	0	19 766	0.00	0.00	-	-
	62.5%	4	0	19 571	0.00	0.00	-	-
	75.0%	4	0	17 676	0.00	0.00	-	-
	87.5%	4	0	13 765	1.13	0.00	-	-
	100.0%	!	9 987	7 846	1.13	0.00	1.20	-
Piano terra					Sezione: Solai 1.4			
Travetto 2-1	0%	!	5 196	6 311	0.79	0.00	1.61	-
	12.5%	4	0	8 380	0.79	0.00	-	-
	25.0%	4	0	9 599	0.00	0.00	-	-
	37.5%	4	0	9 976	0.00	0.00	-	-
	50.0%	4	0	9 958	0.00	0.00	-	-
	62.5%	4	0	9 928	0.00	0.00	-	-
	75.0%	4	0	9 210	0.00	0.00	-	-
	87.5%	4	0	7 653	0.79	0.00	-	-
	100.0%	!	5 196	5 248	0.79	0.00	1.61	-
Piano terra					Sezione: Solai 1.5			
Travetto 2-1	0%	!	43 969	0	4.59	0.00	1.41	-
	12.5%	4	15 787	17 769	2.26	0.00	1.92	-
	25.0%	4	0	44 208	2.26	0.00	-	-
	37.5%	4	0	60 754	0.00	0.00	-	-
	50.0%	4	0	67 421	0.00	0.00	-	-
	62.5%	4	0	67 477	0.00	0.00	-	-
	75.0%	4	0	61 150	0.00	0.00	-	-
	87.5%	4	0	44 945	3.39	0.00	-	-
	100.0%	!	43 969	18 850	3.39	0.00	1.05	-
Travetto 3-2	0%	!	19 460	0	2.26	0.00	1.23	-
	12.5%	4	12 714	2 605	2.26	0.00	1.83	-
	25.0%	4	10 107	7 554	2.26	0.00	2.30	-
	37.5%	4	12 276	9 178	2.26	0.00	1.89	-
	50.0%	4	15 818	20 954	2.26	0.00	1.47	-
	62.5%	4	20 735	6 983	2.26	0.00	1.12	-
	75.0%	4	27 030	1 495	3.05	0.00	1.14	-
	87.5%	4	37 271	0	4.59	0.00	1.21	-
	100%	!	47 261	0	4.59	0.00	1.01	-
Travetto 4-3	0%	!	15 715	11 320	1.54	0.00	1.04	-
	12.5%	4	0	19 208	1.54	0.00	-	-

Solai (CA)- Verifiche allo SLU								
Id _{Cmp}	%L _L	Tp	M _{Ed,X,s}	M _{Ed,X,i}	A _{s,s}	A _{s,i}	CS _s	CS _i
	[%]		[N-m]	[N-m]	[cm²]	[cm²]		
	25.0%	4	0	23 979	0.00	0.00	-	-
	37.5%	4	0	25 640	0.00	0.00	-	-
	50.0%	4	0	25 634	0.00	0.00	-	-
	62.5%	4	0	23 844	2.26	0.00	-	-
	75.0%	4	2 588	18 941	2.26	0.00	9.01	-
	87.5%	4	10 227	10 922	2.26	0.00	2.28	-
	100%	!	18 337	2 754	2.26	0.00	1.30	-
Piano terra					Sezione: Solai 1.6			
Travetto 2-1	0%	!	59 054	0	6.19	0.00	1.40	-
	12.5%	4	19 902	16 863	3.39	0.00	2.25	-
	25.0%	4	0	52 680	3.39	0.00	-	-
	37.5%	4	0	75 506	0.00	0.00	-	-
	50.0%	4	0	85 332	0.00	0.00	-	-
	62.5%	4	0	85 617	0.00	0.00	-	-
	75.0%	4	0	77 227	0.00	0.00	-	-
	87.5%	4	0	55 836	2.01	0.00	-	-
	100.0%	!	57 050	21 454	4.27	0.00	1.01	-
Travetto 3-2	0%	!	15 716	6 928	4.18	0.00	2.77	-
	12.5%	4	8 808	5 938	3.39	0.00	3.88	-
	25.0%	4	9 713	9 127	3.39	0.00	3.52	-
	37.5%	4	14 872	9 570	3.39	0.00	2.30	-
	50.0%	4	21 405	20 954	3.39	0.00	1.59	-
	62.5%	4	29 314	5 199	3.39	0.00	1.16	-
	75.0%	4	38 599	0	4.18	0.00	1.07	-
	87.5%	4	51 270	0	6.19	0.00	1.15	-
	100%	!	62 921	0	6.19	0.00	1.01	-
Travetto 4-3	0%	!	18 557	0	2.36	0.00	1.34	-
	12.5%	4	11 097	7 455	1.57	0.00	1.47	-
	25.0%	4	4 994	15 186	0.79	0.00	1.66	-
	37.5%	4	1 749	19 804	0.79	0.00	4.76	-
	50.0%	4	0	21 316	0.79	0.00	-	-
	62.5%	4	0	21 290	0.79	0.00	-	-
	75.0%	4	1 394	19 344	0.79	0.00	5.97	-
	87.5%	4	6 885	14 393	0.79	0.00	1.20	-
	100%	!	15 716	9 444	4.18	0.00	2.77	-
Travetto 5-4	0%	!	15 716	656	1.57	0.00	1.06	-
	12.5%	4	8 891	7 676	1.57	0.00	1.84	-
	25.0%	4	4 704	13 251	0.79	0.00	1.77	-
	37.5%	4	2 921	15 918	0.79	0.00	2.85	-
	50.0%	4	2 876	20 954	0.79	0.00	2.89	-
	62.5%	4	4 603	15 539	0.79	0.00	1.80	-
	75.0%	4	7 531	12 171	1.57	0.00	2.17	-
	87.5%	4	12 712	5 894	1.57	0.00	1.29	-
	100%	!	19 298	0	2.36	0.00	1.29	-
Travetto 6-5	0%	!	18 921	0	1.92	0.00	1.07	-
	12.5%	4	12 779	4 413	1.92	0.00	1.55	-
	25.0%	4	7 744	10 955	1.92	0.00	2.56	-
	37.5%	4	4 850	14 599	0.79	0.00	1.71	-
	50.0%	4	3 162	20 954	0.79	0.00	2.63	-
	62.5%	4	3 284	15 277	0.79	0.00	2.53	-
	75.0%	4	5 105	12 882	0.79	0.00	1.63	-
	87.5%	4	9 087	7 573	1.57	0.00	1.80	-
	100%	!	15 716	644	1.57	0.00	1.06	-
Travetto 7-6	0%	!	15 402	8 265	1.54	0.00	1.06	-
	12.5%	4	0	15 911	1.54	0.00	-	-
	25.0%	4	0	20 512	0.00	0.00	-	-
	37.5%	4	0	22 072	0.00	0.00	-	-
	50.0%	4	0	22 062	0.79	0.00	-	-
	62.5%	4	399	20 276	0.79	0.00	20.87	-
	75.0%	4	4 739	15 450	0.79	0.00	1.75	-
	87.5%	4	10 531	7 579	1.92	0.00	1.88	-
	100%	!	18 259	0	1.92	0.00	1.11	-
Piano terra					Sezione: Solai 1.7			
Travetto 2-1	0%	!	74 443	0	7.92	0.00	1.41	-
	12.5%	4	23 639	15 994	4.52	0.00	2.48	-
	25.0%	4	0	61 482	4.52	0.00	-	-
	37.5%	4	0	90 752	0.00	0.00	-	-
	50.0%	4	0	103 810	0.00	0.00	-	-
	62.5%	4	0	104 359	0.00	0.00	-	-
	75.0%	4	0	93 668	0.00	0.00	-	-
	87.5%	4	0	66 754	2.26	0.00	-	-
	100.0%	!	70 420	23 633	5.34	0.00	1.02	-
Travetto 3-2	0%	!	15 716	10 590	5.31	0.00	3.49	-
	12.5%	4	7 838	7 451	4.52	0.00	5.69	-
	25.0%	4	12 123	8 114	4.52	0.00	3.67	-
	37.5%	4	19 788	8 173	4.52	0.00	2.25	-
	50.0%	4	28 832	20 954	4.52	0.00	1.54	-
	62.5%	4	39 248	1 928	4.52	0.00	1.13	-
	75.0%	4	51 041	0	7.92	0.00	1.42	-
	87.5%	4	65 747	0	7.92	0.00	1.10	-
	100%	!	78 780	0	7.92	0.00	1.02	-
Travetto 4-3	0%	!	19 361	0	2.36	0.00	1.28	-
	12.5%	4	11 542	7 575	1.57	0.00	1.42	-
	25.0%	4	4 909	15 950	0.79	0.00	1.69	-

Solai (CA)- Verifiche allo SLU								
Id _{Cmp}	%L _L	Tp	M _{Ed,X,s}	M _{Ed,X,i}	A _{s,s}	A _{s,i}	CS _s	CS _i
	[%]		[N-m]	[N-m]	[cm²]	[cm²]		
	37.5%	4	1 396	21 210	0.79	0.00	5.96	-
	50.0%	4	0	23 366	0.79	0.00	-	-
	62.5%	4	0	23 407	0.79	0.00	-	-
	75.0%	4	0	22 105	0.79	0.00	-	-
	87.5%	4	5 180	17 790	0.79	0.00	1.60	-
	100%	!	15 716	13 453	5.31	0.00	3.49	-
Travetto 5-4	0%	!	15 716	789	1.57	0.00	1.06	-
	12.5%	4	8 838	7 664	1.57	0.00	1.85	-
	25.0%	4	4 745	13 168	0.79	0.00	1.75	-
	37.5%	4	3 130	15 765	0.79	0.00	2.66	-
	50.0%	4	3 401	20 954	0.79	0.00	2.44	-
	62.5%	4	5 292	15 312	0.79	0.00	1.57	-
	75.0%	4	8 387	11 874	1.57	0.00	1.95	-
	87.5%	4	13 726	5 528	1.57	0.00	1.19	-
	100%	!	20 408	0	2.36	0.00	1.22	-
Travetto 6-5	0%	!	18 973	0	1.92	0.00	1.07	-
	12.5%	4	12 807	4 422	1.92	0.00	1.55	-
	25.0%	4	7 738	11 010	1.92	0.00	2.57	-
	37.5%	4	4 824	14 697	0.79	0.00	1.72	-
	50.0%	4	3 122	20 954	0.79	0.00	2.66	-
	62.5%	4	3 212	15 417	0.79	0.00	2.59	-
	75.0%	4	5 013	13 066	0.79	0.00	1.66	-
	87.5%	4	8 978	7 804	1.57	0.00	1.82	-
	100%	!	15 716	913	1.57	0.00	1.06	-
Travetto 7-6	0%	!	15 402	8 264	1.54	0.00	1.06	-
	12.5%	4	0	15 905	1.54	0.00	-	-
	25.0%	4	0	20 502	0.00	0.00	-	-
	37.5%	4	0	22 061	0.00	0.00	-	-
	50.0%	4	0	22 049	0.79	0.00	-	-
	62.5%	4	445	20 262	0.79	0.00	18.71	-
	75.0%	4	4 792	15 432	0.79	0.00	1.73	-
	87.5%	4	10 595	7 557	1.92	0.00	1.87	-
	100%	!	18 321	0	1.92	0.00	1.11	-
Piano terra					Sezione: Solai 1.8			
Travetto 2-1	0%	!	18 452	0	1.92	0.00	1.10	-
	12.5%	4	10 416	7 758	1.92	0.00	1.90	-
	25.0%	4	4 445	15 890	0.79	0.00	1.87	-
	37.5%	4	38	20 890	0.79	0.00	NS	-
	50.0%	4	0	22 745	0.79	0.00	-	-
	62.5%	4	0	22 758	0.00	0.00	-	-
	75.0%	4	0	21 118	0.00	0.00	-	-
	87.5%	4	0	16 338	1.54	0.00	-	-
	100%	!	15 841	8 417	1.54	0.00	1.03	-
Travetto 3-2	0%	!	19 066	0	2.36	0.00	1.30	-
	12.5%	4	11 921	5 428	1.57	0.00	1.37	-
	25.0%	4	6 062	11 566	0.79	0.00	1.37	-
	37.5%	4	3 936	14 696	0.79	0.00	2.11	-
	50.0%	4	3 437	20 954	0.79	0.00	2.42	-
	62.5%	4	5 028	14 528	0.79	0.00	1.65	-
	75.0%	4	7 912	11 093	1.92	0.00	2.51	-
	87.5%	4	12 944	4 547	1.92	0.00	1.53	-
	100%	!	19 254	0	1.92	0.00	1.05	-
Travetto 4-3	0%	!	20 088	0	2.36	0.00	1.24	-
	12.5%	4	12 110	5 662	1.57	0.00	1.35	-
	25.0%	4	5 720	12 621	0.79	0.00	1.45	-
	37.5%	4	2 926	16 328	0.79	0.00	2.84	-
	50.0%	4	1 506	20 954	0.79	0.00	5.53	-
	62.5%	4	2 526	16 499	0.79	0.00	3.29	-
	75.0%	4	5 041	13 091	0.79	0.00	1.65	-
	87.5%	4	11 098	6 400	1.57	0.00	1.47	-
	100%	!	18 907	0	2.36	0.00	1.31	-
Travetto 5-4	0%	!	16 386	0	1.57	0.00	1.01	-
	12.5%	4	9 892	7 118	1.57	0.00	1.65	-
	25.0%	4	5 277	13 113	0.79	0.00	1.57	-
	37.5%	4	2 967	16 001	0.79	0.00	2.80	-
	50.0%	4	2 127	20 954	0.79	0.00	3.91	-
	62.5%	4	3 542	15 561	0.79	0.00	2.35	-
	75.0%	4	6 247	11 878	0.79	0.00	1.33	-
	87.5%	4	12 681	5 192	1.57	0.00	1.29	-
	100%	!	20 146	0	2.36	0.00	1.23	-
Travetto 6-5	0%	!	15 716	288	1.57	0.00	1.06	-
	12.5%	4	9 072	7 717	1.57	0.00	1.80	-
	25.0%	4	4 592	13 532	0.79	0.00	1.81	-
	37.5%	4	2 368	16 439	0.79	0.00	3.51	-
	50.0%	4	1 472	20 954	0.79	0.00	5.65	-
	62.5%	4	2 756	16 319	0.79	0.00	3.02	-
	75.0%	4	5 242	13 187	0.79	0.00	1.58	-
	87.5%	4	9 977	7 155	1.57	0.00	1.64	-
	100%	!	16 325	0	1.57	0.00	1.02	-
Travetto 7-6	0%	!	18 782	0	1.92	0.00	1.08	-
	12.5%	4	12 702	4 380	1.92	0.00	1.56	-
	25.0%	4	7 765	10 810	1.92	0.00	2.56	-
	37.5%	4	4 936	14 337	0.79	0.00	1.68	-
	50.0%	4	3 307	20 954	0.79	0.00	2.51	-

Solai (CA)- Verifiche allo SLU								
Id _{Cmp}	%L _L	Tp	M _{Ed,X,s}	M _{Ed,X,i}	A _{s,s}	A _{s,i}	CS _s	CS _i
	[%]		[N-m]	[N-m]	[cm²]	[cm²]		
	62.5%	4	3 546	14 889	0.79	0.00	2.34	-
	75.0%	4	5 431	12 376	0.79	0.00	1.53	-
	87.5%	4	9 475	6 956	1.57	0.00	1.73	-
	100%	!	15 716	0	1.57	0.00	1.06	-
Travetto 8-7	0%	!	15 402	8 274	1.54	0.00	1.06	-
	12.5%	4	0	15 935	1.54	0.00	-	-
	25.0%	4	0	20 552	0.00	0.00	-	-
	37.5%	4	0	22 124	0.00	0.00	-	-
	50.0%	4	0	22 115	0.79	0.00	-	-
	62.5%	4	258	20 343	0.79	0.00	32.28	-
	75.0%	4	4 571	15 527	0.79	0.00	1.82	-
	87.5%	4	10 343	7 671	1.92	0.00	1.92	-
	100%	!	18 052	0	1.92	0.00	1.12	-

LEGENDA:

- %L_L** Posizione della sezione per la quale vengono forniti i valori di verifica, valutata come % della lunghezza libera d'inflessione (L_L), a partire dall'estremo iniziale.
- Tp** Tipo di sezione verificata.
- M_{Ed,X,s}** Momento di progetto intorno ad X che tende le fibre superiori.
- M_{Ed,X,i}** Momento di progetto intorno ad X che tende le fibre inferiori.
- CS_s** Coefficiente di sicurezza relativo alle sollecitazioni che tendono le fibre superiori ([NS] = Non Significativo per valori di CS >= 100; [VNR]= Verifica Non Richiesta).
- CS_i** Coefficiente di sicurezza relativo alle sollecitazioni che tendono le fibre inferiori ([NS] = Non Significativo per valori di CS >= 100; [VNR]= Verifica Non Richiesta).
- A_{s,s}, A_{s,i}** Armatura a flessione superiore e inferiore.

SOLAI (CA) - VERIFICHE A TAGLIO ALLO SLU (Elevazione)

Solai (CA) - Verifiche a taglio allo SLU														
Id _{Cmp}	%L _L	Tp	V _{Ed,Y} (+)	V _{Ed,Y} (-)	CS ⁽⁺⁾	CS ⁽⁻⁾	V _{Rd} (+)	V _{Rd} (-)	N _{Ed} (+)	N _{Ed} (-)	V _{Rsd,p} (+)	V _{Rsd,p} (-)	A _{sw,p} (+)	A _{sw,p} (-)
	[%]		[N]	[N]			[N]	[N]	[N]	[N]	[N]	[N]	[cm²/cm]	[cm²/cm]
Piano copertura								Sezione: Solai 2.1						
Travetto 2-1	0%	!	5 047	0	25.60	-	129 191	129 191	0	0	0	0	0.0000	0.0000
	12.5%	4	3 790	0	13.19	-	50 009	50 009	0	0	0	0	0.0000	0.0000
	25.0%	4	2 532	0	19.75	-	50 009	50 009	0	0	0	0	0.0000	0.0000
	37.5%	4	1 274	0	39.25	-	50 009	50 009	0	0	0	0	0.0000	0.0000
	50.0%	4	14	0	NS	-	50 009	50 009	0	0	0	0	0.0000	0.0000
	62.5%	4	0	-1 241	-	40.30	50 009	50 009	0	0	0	0	0.0000	0.0000
	75.0%	4	0	-2 496	-	20.04	50 009	50 009	0	0	0	0	0.0000	0.0000
	87.5%	4	0	-3 756	-	13.31	50 009	50 009	0	0	0	0	0.0000	0.0000
	100.0%	!	0	-5 010	-	25.79	129 191	129 191	0	0	0	0	0.0000	0.0000
Piano copertura								Sezione: Solai 2.2						
Travetto 2-1	0%	!	9 175	0	14.08	-	129 191	129 191	0	0	0	0	0.0000	0.0000
	12.5%	4	6 887	0	7.26	-	50 009	50 009	0	0	0	0	0.0000	0.0000
	25.0%	4	4 597	0	10.88	-	50 009	50 009	0	0	0	0	0.0000	0.0000
	37.5%	4	2 308	0	21.67	-	50 009	50 009	0	0	0	0	0.0000	0.0000
	50.0%	4	21	0	NS	-	50 009	50 009	0	0	0	0	0.0000	0.0000
	62.5%	4	0	-2 270	-	22.03	50 009	50 009	0	0	0	0	0.0000	0.0000
	75.0%	4	0	-4 560	-	10.97	50 009	50 009	0	0	0	0	0.0000	0.0000
	87.5%	4	0	-6 845	-	7.31	50 009	50 009	0	0	0	0	0.0000	0.0000
	100.0%	!	0	-9 137	-	14.14	129 191	129 191	0	0	0	0	0.0000	0.0000
Piano copertura								Sezione: Solai 2.3						
Travetto 1-2	0%	!	12 634	0	10.23	-	129 191	129 191	0	0	0	0	0.0000	0.0000
	12.5%	4	8 918	0	5.61	-	50 009	50 009	0	0	0	0	0.0000	0.0000
	25.0%	4	5 199	0	9.62	-	50 009	50 009	0	0	0	0	0.0000	0.0000
	37.5%	4	1 484	-639	33.70	78.26	50 009	50 009	0	0	0	0	0.0000	0.0000
	50.0%	4	0	-3 636	-	13.75	50 009	50 009	0	0	0	0	0.0000	0.0000
	62.5%	4	0	-7 352	-	6.80	50 009	50 009	0	0	0	0	0.0000	0.0000
	75.0%	4	0	-11 071	-	4.52	50 009	50 009	0	0	0	0	0.0000	0.0000
	87.5%	4	0	-14 788	-	3.38	50 009	50 009	0	0	0	0	0.0000	0.0000
	100%	!	0	-18 506	-	6.98	129 191	129 191	0	0	0	0	0.0000	0.0000
Travetto 2-3	0%	!	16 757	0	7.71	-	129 191	129 191	0	0	0	0	0.0000	0.0000
	12.5%	4	12 907	0	3.87	-	50 009	50 009	0	0	0	0	0.0000	0.0000
	25.0%	4	9 064	0	5.52	-	50 009	50 009	0	0	0	0	0.0000	0.0000
	37.5%	4	5 216	0	9.59	-	50 009	50 009	0	0	0	0	0.0000	0.0000
	50.0%	4	1 688	-1 874	29.63	26.69	50 009	50 009	0	0	0	0	0.0000	0.0000
	62.5%	4	405	-5 719	NS	8.74	50 009	50 009	0	0	0	0	0.0000	0.0000
	75.0%	4	0	-9 566	-	5.23	50 009	50 009	0	0	0	0	0.0000	0.0000
	87.5%	4	0	-13 414	-	3.73	50 009	50 009	0	0	0	0	0.0000	0.0000
	100%	!	0	-17 263	-	7.48	129 191	129 191	0	0	0	0	0.0000	0.0000
Travetto 3-4	0%	!	19 627	0	6.58	-	129 191	129 191	0	0	0	0	0.0000	0.0000
	12.5%	4	15 780	0	3.17	-	50 009	50 009	0	0	0	0	0.0000	0.0000
	25.0%	4	11 936	0	4.19	-	50 009	50 009	0	0	0	0	0.0000	0.0000
	37.5%	4	8 086	0	6.18	-	50 009	50 009	0	0	0	0	0.0000	0.0000
	50.0%	4	4 239	0	11.80	-	50 009	50 009	0	0	0	0	0.0000	0.0000
	62.5%	4	1 142	-805	43.79	62.12	50 009	50 009	0	0	0	0	0.0000	0.0000
	75.0%	4	0	-4 650	-	10.75	50 009	50 009	0	0	0	0	0.0000	0.0000
	87.5%	4	0	-8 499	-	5.88	50 009	50 009	0	0	0	0	0.0000	0.0000
	100%	!	0	-12 347	-	10.46	129 191	129 191	0	0	0	0	0.0000	0.0000
Piano copertura								Sezione: Solai 2.4						
Travetto 1-2	0%	!	13 461	0	9.60	-	129 191	129 191	0	0	0	0	0.0000	0.0000
	12.5%	4	9 656	0	5.18	-	50 009	50 009	0	0	0	0	0.0000	0.0000
	25.0%	4	5 854	0	8.54	-	50 009	50 009	0	0	0	0	0.0000	0.0000
	37.5%	4	2 047	-364	24.43	NS	50 009	50 009	0	0	0	0	0.0000	0.0000
	50.0%	4	0	-3 170	-	15.78	50 009	50 009	0	0	0	0	0.0000	0.0000

Solai (CA) - Verifiche a taglio allo SLU															
Id _{Cmp}	%L _{LT}	Tp	V _{Ed,Y} (⁺)	V _{Ed,Y} (⁻)	CS(⁺)	CS(⁻)	V _{Rd} (⁺)	V _{Rd} (⁻)	N _{Ed} (⁺)	N _{Ed} (⁻)	V _{Rsd,p} (⁺)	V _{Rsd,p} (⁻)	A _{sw,p} (⁺)	A _{sw,p} (⁻)	
	[%]		[N]	[N]			[N]	[N]	[N]	[N]	[N]	[N]	[cm²/cm]	[cm²/cm]	
Travetto 2-3	62.5%	4	0	-6 973	-	7.17	50 009	50 009	0	0	0	0	0.0000	0.0000	
	75.0%	4	0	-10 776	-	4.64	50 009	50 009	0	0	0	0	0.0000	0.0000	
	87.5%	4	0	-14 581	-	3.43	50 009	50 009	0	0	0	0	0.0000	0.0000	
	100%	!	0	-18 384	-	7.03	129 191	129 191	0	0	0	0	0.0000	0.0000	
	0%	!	16 681	0	7.74	-	129 191	129 191	0	0	0	0	0.0000	0.0000	
	12.5%	4	12 967	0	3.86	-	50 009	50 009	0	0	0	0	0.0000	0.0000	
	25.0%	4	9 247	0	5.41	-	50 009	50 009	0	0	0	0	0.0000	0.0000	
	37.5%	4	5 532	0	9.04	-	50 009	50 009	0	0	0	0	0.0000	0.0000	
Travetto 3-4	50.0%	4	1 811	-1 402	27.61	35.67	50 009	50 009	0	0	0	0	0.0000	0.0000	
	62.5%	4	564	-5 114	88.67	9.78	50 009	50 009	0	0	0	0	0.0000	0.0000	
	75.0%	4	0	-8 832	-	5.66	50 009	50 009	0	0	0	0	0.0000	0.0000	
	87.5%	4	0	-12 550	-	3.98	50 009	50 009	0	0	0	0	0.0000	0.0000	
	100%	!	0	-16 267	-	7.94	129 191	129 191	0	0	0	0	0.0000	0.0000	
	0%	!	18 672	0	6.92	-	129 191	129 191	0	0	0	0	0.0000	0.0000	
	12.5%	4	14 824	0	3.37	-	50 009	50 009	0	0	0	0	0.0000	0.0000	
	25.0%	4	10 980	0	4.55	-	50 009	50 009	0	0	0	0	0.0000	0.0000	
Piano copertura	37.5%	4	7 130	0	7.01	-	50 009	50 009	0	0	0	0	0.0000	0.0000	
	50.0%	4	3 284	0	15.23	-	50 009	50 009	0	0	0	0	0.0000	0.0000	
	62.5%	4	810	-1 744	61.74	28.67	50 009	50 009	0	0	0	0	0.0000	0.0000	
	75.0%	4	0	-5 590	-	8.95	50 009	50 009	0	0	0	0	0.0000	0.0000	
	87.5%	4	0	-9 439	-	5.30	50 009	50 009	0	0	0	0	0.0000	0.0000	
	100%	!	0	-13 287	-	9.72	129 191	129 191	0	0	0	0	0.0000	0.0000	
	Piano copertura							Sezione: Solai 2.5							
	Travetto 1-2	0%	!	39 659	0	5.14	-	203 834	203 834	0	0	0	0	0.0000	0.0000
12.5%		4	29 596	0	2.67	-	78 904	78 904	0	0	0	0	0.0000	0.0000	
25.0%		4	19 532	0	4.04	-	78 904	78 904	0	0	0	0	0.0000	0.0000	
37.5%		4	9 468	0	8.33	-	78 904	78 904	0	0	0	0	0.0000	0.0000	
50.0%		4	0	-593	-	NS	78 904	78 904	0	0	0	0	0.0000	0.0000	
62.5%		4	0	-10 656	-	7.40	78 904	78 904	0	0	0	0	0.0000	0.0000	
75.0%		4	0	-20 721	-	3.81	78 904	78 904	0	0	0	0	0.0000	0.0000	
87.5%		4	0	-30 784	-	2.56	78 904	78 904	0	0	0	0	0.0000	0.0000	
Piano copertura	100.0%	!	0	-40 846	-	4.99	203 834	203 834	0	0	0	0	0.0000	0.0000	
	Piano copertura							Sezione: Solai 2.6							
	Travetto 1-2	0%	!	40 832	0	4.99	-	203 834	203 834	0	0	0	0	0.0000	0.0000
		12.5%	4	30 469	0	2.59	-	78 904	78 904	0	0	0	0	0.0000	0.0000
		25.0%	4	20 105	0	3.92	-	78 904	78 904	0	0	0	0	0.0000	0.0000
		37.5%	4	9 744	0	8.10	-	78 904	78 904	0	0	0	0	0.0000	0.0000
		50.0%	4	0	-620	-	NS	78 904	78 904	0	0	0	0	0.0000	0.0000
		62.5%	4	0	-10 985	-	7.18	78 904	78 904	0	0	0	0	0.0000	0.0000
75.0%		4	0	-21 347	-	3.70	78 904	78 904	0	0	0	0	0.0000	0.0000	
87.5%		4	0	-31 712	-	2.49	78 904	78 904	0	0	0	0	0.0000	0.0000	
Piano copertura	100%	!	0	-42 073	-	4.84	203 834	203 834	0	0	0	0	0.0000	0.0000	
	Piano copertura							Sezione: Solai 2.7							
	Travetto 2-1	0%	!	12 341	0	10.47	-	129 191	129 191	0	0	0	0	0.0000	0.0000
		12.5%	4	10 182	0	4.91	-	50 009	50 009	0	0	0	0	0.0000	0.0000
		25.0%	4	8 024	0	6.23	-	50 009	50 009	0	0	0	0	0.0000	0.0000
		37.5%	4	5 865	0	8.53	-	50 009	50 009	0	0	0	0	0.0000	0.0000
		50.0%	4	3 707	0	13.49	-	50 009	50 009	0	0	0	0	0.0000	0.0000
		62.5%	4	2 579	-921	19.39	54.30	50 009	50 009	0	0	0	0	0.0000	0.0000
75.0%		4	1 860	-3 078	26.89	16.25	50 009	50 009	0	0	0	0	0.0000	0.0000	
87.5%		4	1 140	-5 235	43.87	9.55	50 009	50 009	0	0	0	0	0.0000	0.0000	
Travetto 3-2	100.0%	!	421	-7 393	NS	17.47	129 191	129 191	0	0	0	0	0.0000	0.0000	
	0%	!	18 065	0	7.15	-	129 191	129 191	0	0	0	0	0.0000	0.0000	
	12.5%	4	14 216	0	3.52	-	50 009	50 009	0	0	0	0	0.0000	0.0000	
	25.0%	4	10 373	0	4.82	-	50 009	50 009	0	0	0	0	0.0000	0.0000	
	37.5%	4	6 524	0	7.67	-	50 009	50 009	0	0	0	0	0.0000	0.0000	
	50.0%	4	2 724	0	18.36	-	50 009	50 009	0	0	0	0	0.0000	0.0000	
	62.5%	4	1 441	-3 153	34.70	15.86	50 009	50 009	0	0	0	0	0.0000	0.0000	
	75.0%	4	158	-7 000	NS	7.14	50 009	50 009	0	0	0	0	0.0000	0.0000	
Travetto 4-3	87.5%	4	0	-10 847	-	4.61	50 009	50 009	0	0	0	0	0.0000	0.0000	
	100%	!	0	-14 692	-	8.79	129 191	129 191	0	0	0	0	0.0000	0.0000	
	0%	!	12 251	0	10.55	-	129 191	129 191	0	0	0	0	0.0000	0.0000	
	12.5%	4	8 402	0	5.95	-	50 009	50 009	0	0	0	0	0.0000	0.0000	
	25.0%	4	4 560	0	10.97	-	50 009	50 009	0	0	0	0	0.0000	0.0000	
	37.5%	4	710	-960	70.44	52.09	50 009	50 009	0	0	0	0	0.0000	0.0000	
	50.0%	4	0	-4 277	-	11.69	50 009	50 009	0	0	0	0	0.0000	0.0000	
	62.5%	4	0	-8 124	-	6.16	50 009	50 009	0	0	0	0	0.0000	0.0000	
Piano terra	75.0%	4	0	-11 970	-	4.18	50 009	50 009	0	0	0	0	0.0000	0.0000	
	87.5%	4	0	-15 818	-	3.16	50 009	50 009	0	0	0	0	0.0000	0.0000	
	100%	!	0	-19 667	-	6.57	129 191	129 191	0	0	0	0	0.0000	0.0000	
	Piano terra							Sezione: Solai 1.1							
	Travetto 1-2	0%	!	8 678	0	18.20	-	157 900	157 900	0	0	0	0	0.0000	0.0000
		12.5%	4	6 514	0	9.38	-	61 122	61 122	0	0	0	0	0.0000	0.0000
		25.0%	4	4 353	0	14.04	-	61 122	61 122	0	0	0	0	0.0000	0.0000
		37.5%	4	2 188	0	27.94	-	61 122	61 122	0	0	0	0	0.0000	0.0000
50.0%		4	25	0	NS	-	61 122	61 122	0	0	0	0	0.0000	0.0000	
62.5%		4	0	-2 136	-	28.62	61 122	61 122	0	0	0	0	0.0000	0.0000	
75.0%		4	0	-4 301	-	14.21	61 122	61 122	0	0	0	0	0.0000	0.0000	
87.5%		4	0	-6 463	-	9.46	61 122	61 122	0	0	0	0	0.0000	0.0000	
Piano terra	100.0%	!	0	-8 626	-	18.31	157 900	157 900	0	0	0	0	0.0000	0.0000	
	Piano terra							Sezione: Solai 1.2							
	Travetto 1-2	0%	!	11 710	0	13.48	-	157 900	157 900	0	0	0	0	0.0000	0.0000
12.5%		4	8 789	0	6.95	-	61 122	61 122	0	0	0	0	0.0000	0.0000	
25.0%		4	5 869	0	10.41	-	61 122	61 122	0	0	0	0	0.0000	0.0000	

Solai (CA) - Verifiche a taglio allo SLU														
Id_{Cmp}	%L_{LT}	Tp	V_{Ed,Y}(⁺)	V_{Ed,Y}(⁻)	CS(⁺)	CS(⁻)	V_{Rd}(⁺)	V_{Rd}(⁻)	N_{Ed}(⁺)	N_{Ed}(⁻)	V_{Rsd,p}(⁺)	V_{Rsd,p}(⁻)	A_{sw,p}(⁺)	A_{sw,p}(⁻)
	[%]		[N]	[N]			[N]	[N]	[N]	[N]	[N]	[N]	[cm ² /cm]	[cm ² /cm]
	37.5%	4	2 948	0	20.73	-	61 122	61 122	0	0	0	0	0.0000	0.0000
	50.0%	4	26	0	NS	-	61 122	61 122	0	0	0	0	0.0000	0.0000
	62.5%	4	0	-2 894	-	21.12	61 122	61 122	0	0	0	0	0.0000	0.0000
	75.0%	4	0	-5 815	-	10.51	61 122	61 122	0	0	0	0	0.0000	0.0000
	87.5%	4	0	-8 735	-	7.00	61 122	61 122	0	0	0	0	0.0000	0.0000
	100.0%	!	0	-11 655	-	13.55	157 900	157 900	0	0	0	0	0.0000	0.0000
Piano terra								Sezione: Solai 1.3						
Travetto 1-2	0%	!	18 029	0	8.76	-	157 900	157 900	0	0	0	0	0.0000	0.0000
	12.5%	4	13 527	0	4.52	-	61 122	61 122	0	0	0	0	0.0000	0.0000
	25.0%	4	9 028	0	6.77	-	61 122	61 122	0	0	0	0	0.0000	0.0000
	37.5%	4	4 527	0	13.50	-	61 122	61 122	0	0	0	0	0.0000	0.0000
	50.0%	4	28	0	NS	-	61 122	61 122	0	0	0	0	0.0000	0.0000
	62.5%	4	0	-4 473	-	13.66	61 122	61 122	0	0	0	0	0.0000	0.0000
	75.0%	4	0	-8 974	-	6.81	61 122	61 122	0	0	0	0	0.0000	0.0000
	87.5%	4	0	-13 473	-	4.54	61 122	61 122	0	0	0	0	0.0000	0.0000
100.0%	!	0	-17 974	-	8.78	157 900	157 900	0	0	0	0	0.0000	0.0000	
Piano terra								Sezione: Solai 1.4						
Travetto 2-1	0%	!	11 076	0	14.26	-	157 900	157 900	0	0	0	0	0.0000	0.0000
	12.5%	4	8 161	0	7.49	-	61 122	61 122	0	0	0	0	0.0000	0.0000
	25.0%	4	5 247	0	11.65	-	61 122	61 122	0	0	0	0	0.0000	0.0000
	37.5%	4	2 331	0	26.22	-	61 122	61 122	0	0	0	0	0.0000	0.0000
	50.0%	4	0	-581	-	NS	61 122	61 122	0	0	0	0	0.0000	0.0000
	62.5%	4	0	-3 498	-	17.47	61 122	61 122	0	0	0	0	0.0000	0.0000
	75.0%	4	0	-6 412	-	9.53	61 122	61 122	0	0	0	0	0.0000	0.0000
	87.5%	4	0	-9 326	-	6.55	61 122	61 122	0	0	0	0	0.0000	0.0000
	100.0%	!	0	-12 242	-	12.90	157 900	157 900	0	0	0	0	0.0000	0.0000
Piano terra								Sezione: Solai 1.5						
Travetto 2-1	0%	!	49 389	0	4.13	-	203 834	203 834	0	0	0	0	0.0000	0.0000
	12.5%	4	38 780	0	2.03	-	78 904	78 904	0	0	0	0	0.0000	0.0000
	25.0%	4	28 170	0	2.80	-	78 904	78 904	0	0	0	0	0.0000	0.0000
	37.5%	4	17 561	0	4.49	-	78 904	78 904	0	0	0	0	0.0000	0.0000
	50.0%	4	6 950	0	11.35	-	78 904	78 904	0	0	0	0	0.0000	0.0000
	62.5%	4	0	-5 121	-	15.41	78 904	78 904	0	0	0	0	0.0000	0.0000
	75.0%	4	0	-15 731	-	5.02	78 904	78 904	0	0	0	0	0.0000	0.0000
	87.5%	4	0	-26 341	-	3.00	78 904	78 904	0	0	0	0	0.0000	0.0000
	100.0%	!	0	-36 949	-	5.52	203 834	203 834	0	0	0	0	0.0000	0.0000
Travetto 3-2	0%	!	23 582	0	6.70	-	157 900	157 900	0	0	0	0	0.0000	0.0000
	12.5%	4	17 801	-1 628	3.43	37.54	61 122	61 122	0	0	0	0	0.0000	0.0000
	25.0%	4	12 018	-4 019	5.09	15.21	61 122	61 122	0	0	0	0	0.0000	0.0000
	37.5%	4	6 234	-6 411	9.80	9.53	61 122	61 122	0	0	0	0	0.0000	0.0000
	50.0%	4	722	-9 021	84.66	6.78	61 122	61 122	0	0	0	0	0.0000	0.0000
	62.5%	4	0	-14 805	-	4.13	61 122	61 122	0	0	0	0	0.0000	0.0000
	75.0%	4	0	-20 586	-	2.97	61 122	61 122	0	0	0	0	0.0000	0.0000
	87.5%	4	0	-26 368	-	2.32	61 122	61 122	0	0	0	0	0.0000	0.0000
100%	!	0	-32 152	-	4.91	157 900	157 900	0	0	0	0	0.0000	0.0000	
Travetto 4-3	0%	!	19 813	0	7.97	-	157 900	157 900	0	0	0	0	0.0000	0.0000
	12.5%	4	14 219	0	4.30	-	61 122	61 122	0	0	0	0	0.0000	0.0000
	25.0%	4	8 626	0	7.09	-	61 122	61 122	0	0	0	0	0.0000	0.0000
	37.5%	4	3 031	-806	20.17	75.83	61 122	61 122	0	0	0	0	0.0000	0.0000
	50.0%	4	348	-5 453	NS	11.21	61 122	61 122	0	0	0	0	0.0000	0.0000
	62.5%	4	0	-11 047	-	5.53	61 122	61 122	0	0	0	0	0.0000	0.0000
	75.0%	4	0	-16 640	-	3.67	61 122	61 122	0	0	0	0	0.0000	0.0000
	87.5%	4	0	-22 235	-	2.75	61 122	61 122	0	0	0	0	0.0000	0.0000
100%	!	0	-27 830	-	5.67	157 900	157 900	0	0	0	0	0.0000	0.0000	
Piano terra								Sezione: Solai 1.6						
Travetto 2-1	0%	!	56 613	0	3.60	-	203 834	203 834	0	0	0	0	0.0000	0.0000
	12.5%	4	44 447	0	1.78	-	78 904	78 904	0	0	0	0	0.0000	0.0000
	25.0%	4	32 281	0	2.44	-	78 904	78 904	0	0	0	0	0.0000	0.0000
	37.5%	4	20 115	0	3.92	-	78 904	78 904	0	0	0	0	0.0000	0.0000
	50.0%	4	7 949	0	9.93	-	78 904	78 904	0	0	0	0	0.0000	0.0000
	62.5%	4	0	-5 413	-	14.58	78 904	78 904	0	0	0	0	0.0000	0.0000
	75.0%	4	0	-17 579	-	4.49	78 904	78 904	0	0	0	0	0.0000	0.0000
	87.5%	4	0	-29 744	-	2.65	78 904	78 904	0	0	0	0	0.0000	0.0000
	100.0%	!	0	-41 909	-	4.86	203 834	203 834	0	0	0	0	0.0000	0.0000
Travetto 3-2	0%	!	21 676	-4 571	7.28	34.54	157 900	157 900	0	0	0	0	0.0000	0.0000
	12.5%	4	15 893	-6 963	3.85	8.78	61 122	61 122	0	0	0	0	0.0000	0.0000
	25.0%	4	10 110	-9 354	6.05	6.53	61 122	61 122	0	0	0	0	0.0000	0.0000
	37.5%	4	4 327	-11 746	14.13	5.20	61 122	61 122	0	0	0	0	0.0000	0.0000
	50.0%	4	0	-14 139	-	4.32	61 122	61 122	0	0	0	0	0.0000	0.0000
	62.5%	4	0	-19 876	-	3.08	61 122	61 122	0	0	0	0	0.0000	0.0000
	75.0%	4	0	-25 659	-	2.38	61 122	61 122	0	0	0	0	0.0000	0.0000
	87.5%	4	0	-31 440	-	1.94	61 122	61 122	0	0	0	0	0.0000	0.0000
100%	!	0	-37 225	-	4.24	157 900	157 900	0	0	0	0	0.0000	0.0000	
Travetto 4-3	0%	!	27 985	0	5.64	-	157 900	157 900	0	0	0	0	0.0000	0.0000
	12.5%	4	22 391	0	2.73	-	61 122	61 122	0	0	0	0	0.0000	0.0000
	25.0%	4	16 798	0	3.64	-	61 122	61 122	0	0	0	0	0.0000	0.0000
	37.5%	4	11 203	0	5.46	-	61 122	61 122	0	0	0	0	0.0000	0.0000
	50.0%	4	6 116	-1 675	9.99	36.49	61 122	61 122	0	0	0	0	0.0000	0.0000
	62.5%	4	4 616	-7 270	13.24	8.41	61 122	61 122	0	0	0	0	0.0000	0.0000
	75.0%	4	3 116	-12 862	19.62	4.75	61 122	61 122	0	0	0	0	0.0000	0.0000
	87.5%	4	1 616	-18 458	37.82	3.31	61 122	61 122	0	0	0	0	0.0000	0.0000
100%	!	115	-24 054	NS	6.56	157 900	157 900	0	0	0	0	0.0000	0.0000	
Travetto 5-4	0%	!	24 305	0	6.50	-	157 900	157 900	0	0	0	0	0.0000	0.0000
	12.5%	4	18 899	0	3.23	-	61 122	61 122	0	0	0	0	0.0000	0.0000

Solai (CA) - Verifiche a taglio allo SLU															
Id_{Cmp}	%L_{LT}	Tp	V_{Ed,Y}(⁺)	V_{Ed,Y}(⁻)	CS(⁺)	CS(⁻)	V_{Rd}(⁺)	V_{Rd}(⁻)	N_{Ed}(⁺)	N_{Ed}(⁻)	V_{Rsd,p}(⁺)	V_{Rsd,p}(⁻)	A_{sw,p}(⁺)	A_{sw,p}(⁻)	
	[%]		[N]	[N]			[N]	[N]	[N]	[N]	[N]	[N]	[cm ² /cm]	[cm ² /cm]	
	25.0%	4	13 494	0	4.53	-	61 122	61 122	0	0	0	0	0.0000	0.0000	
	37.5%	4	8 087	-1 406	7.56	43.47	61 122	61 122	0	0	0	0	0.0000	0.0000	
	50.0%	4	2 693	-3 649	22.70	16.75	61 122	61 122	0	0	0	0	0.0000	0.0000	
	62.5%	4	1 243	-9 054	49.17	6.75	61 122	61 122	0	0	0	0	0.0000	0.0000	
	75.0%	4	0	-14 463	-	4.23	61 122	61 122	0	0	0	0	0.0000	0.0000	
	87.5%	4	0	-19 867	-	3.08	61 122	61 122	0	0	0	0	0.0000	0.0000	
	100%	!	0	-25 273	-	6.25	157 900	157 900	0	0	0	0	0.0000	0.0000	
Travetto 6-5	0%	!	25 650	0	6.16	-	157 900	157 900	0	0	0	0	0.0000	0.0000	
	12.5%	4	20 245	0	3.02	-	61 122	61 122	0	0	0	0	0.0000	0.0000	
	25.0%	4	14 839	0	4.12	-	61 122	61 122	0	0	0	0	0.0000	0.0000	
	37.5%	4	9 435	0	6.48	-	61 122	61 122	0	0	0	0	0.0000	0.0000	
	50.0%	4	4 184	-1 497	14.61	40.83	61 122	61 122	0	0	0	0	0.0000	0.0000	
	62.5%	4	2 734	-6 902	22.36	8.86	61 122	61 122	0	0	0	0	0.0000	0.0000	
	75.0%	4	1 285	-12 310	47.57	4.97	61 122	61 122	0	0	0	0	0.0000	0.0000	
Travetto 7-6	0%	!	19 541	0	8.08	-	157 900	157 900	0	0	0	0	0.0000	0.0000	
	12.5%	4	14 009	0	4.36	-	61 122	61 122	0	0	0	0	0.0000	0.0000	
	25.0%	4	8 479	0	7.21	-	61 122	61 122	0	0	0	0	0.0000	0.0000	
	37.5%	4	2 946	-1 144	20.75	53.43	61 122	61 122	0	0	0	0	0.0000	0.0000	
	50.0%	4	0	-4 931	-	12.40	61 122	61 122	0	0	0	0	0.0000	0.0000	
	62.5%	4	0	-10 463	-	5.84	61 122	61 122	0	0	0	0	0.0000	0.0000	
	75.0%	4	0	-15 993	-	3.82	61 122	61 122	0	0	0	0	0.0000	0.0000	
Piano terra	87.5%	4	0	-21 526	-	2.84	61 122	61 122	0	0	0	0	0.0000	0.0000	
	100%	!	0	-27 058	-	5.84	157 900	157 900	0	0	0	0	0.0000	0.0000	
	Sezione: Solai 1.7														
	Travetto 2-1	0%	!	63 161	0	3.23	-	203 834	203 834	0	0	0	0	0.0000	0.0000
		12.5%	4	49 573	0	1.59	-	78 904	78 904	0	0	0	0	0.0000	0.0000
		25.0%	4	35 984	0	2.19	-	78 904	78 904	0	0	0	0	0.0000	0.0000
		37.5%	4	22 394	0	3.52	-	78 904	78 904	0	0	0	0	0.0000	0.0000
50.0%		4	8 806	0	8.96	-	78 904	78 904	0	0	0	0	0.0000	0.0000	
62.5%		4	0	-5 803	-	13.60	78 904	78 904	0	0	0	0	0.0000	0.0000	
75.0%		4	0	-19 393	-	4.07	78 904	78 904	0	0	0	0	0.0000	0.0000	
Travetto 3-2	87.5%	4	0	-32 982	-	2.39	78 904	78 904	0	0	0	0	0.0000	0.0000	
	100.0%	!	0	-46 570	-	4.38	203 834	203 834	0	0	0	0	0.0000	0.0000	
	0%	!	20 367	-8 900	7.75	17.74	157 900	157 900	0	0	0	0	0.0000	0.0000	
	12.5%	4	14 586	-11 292	4.19	5.41	61 122	61 122	0	0	0	0	0.0000	0.0000	
	25.0%	4	8 803	-13 683	6.94	4.47	61 122	61 122	0	0	0	0	0.0000	0.0000	
	37.5%	4	3 019	-16 075	20.25	3.80	61 122	61 122	0	0	0	0	0.0000	0.0000	
	50.0%	4	0	-18 468	-	3.31	61 122	61 122	0	0	0	0	0.0000	0.0000	
Travetto 4-3	62.5%	4	0	-24 103	-	2.54	61 122	61 122	0	0	0	0	0.0000	0.0000	
	75.0%	4	0	-29 885	-	2.05	61 122	61 122	0	0	0	0	0.0000	0.0000	
	87.5%	4	0	-35 667	-	1.71	61 122	61 122	0	0	0	0	0.0000	0.0000	
	100%	!	0	-41 451	-	3.81	157 900	157 900	0	0	0	0	0.0000	0.0000	
	0%	!	29 143	0	5.42	-	157 900	157 900	0	0	0	0	0.0000	0.0000	
	12.5%	4	23 549	0	2.60	-	61 122	61 122	0	0	0	0	0.0000	0.0000	
	25.0%	4	17 956	0	3.40	-	61 122	61 122	0	0	0	0	0.0000	0.0000	
Travetto 5-4	37.5%	4	12 361	0	4.94	-	61 122	61 122	0	0	0	0	0.0000	0.0000	
	50.0%	4	7 265	-1 181	8.41	51.75	61 122	61 122	0	0	0	0	0.0000	0.0000	
	62.5%	4	5 765	-6 775	10.60	9.02	61 122	61 122	0	0	0	0	0.0000	0.0000	
	75.0%	4	4 265	-12 368	14.33	4.94	61 122	61 122	0	0	0	0	0.0000	0.0000	
	87.5%	4	2 765	-17 963	22.11	3.40	61 122	61 122	0	0	0	0	0.0000	0.0000	
	100%	!	1 264	-23 558	NS	6.70	157 900	157 900	0	0	0	0	0.0000	0.0000	
	0%	!	24 215	0	6.52	-	157 900	157 900	0	0	0	0	0.0000	0.0000	
Travetto 6-5	12.5%	4	18 809	0	3.25	-	61 122	61 122	0	0	0	0	0.0000	0.0000	
	25.0%	4	13 404	0	4.56	-	61 122	61 122	0	0	0	0	0.0000	0.0000	
	37.5%	4	7 997	-1 713	7.64	35.68	61 122	61 122	0	0	0	0	0.0000	0.0000	
	50.0%	4	2 603	-3 956	23.48	15.45	61 122	61 122	0	0	0	0	0.0000	0.0000	
	62.5%	4	1 153	-9 361	53.01	6.53	61 122	61 122	0	0	0	0	0.0000	0.0000	
	75.0%	4	0	-14 770	-	4.14	61 122	61 122	0	0	0	0	0.0000	0.0000	
	87.5%	4	0	-20 174	-	3.03	61 122	61 122	0	0	0	0	0.0000	0.0000	
Travetto 7-6	100%	!	0	-25 580	-	6.17	157 900	157 900	0	0	0	0	0.0000	0.0000	
	0%	!	25 730	0	6.14	-	157 900	157 900	0	0	0	0	0.0000	0.0000	
	12.5%	4	20 325	0	3.01	-	61 122	61 122	0	0	0	0	0.0000	0.0000	
	25.0%	4	14 919	0	4.10	-	61 122	61 122	0	0	0	0	0.0000	0.0000	
	37.5%	4	9 515	0	6.42	-	61 122	61 122	0	0	0	0	0.0000	0.0000	
	50.0%	4	4 264	-1 465	14.33	41.72	61 122	61 122	0	0	0	0	0.0000	0.0000	
	62.5%	4	2 814	-6 870	21.72	8.90	61 122	61 122	0	0	0	0	0.0000	0.0000	
Piano terra	75.0%	4	1 365	-12 278	44.78	4.98	61 122	61 122	0	0	0	0	0.0000	0.0000	
	87.5%	4	0	-17 684	-	3.46	61 122	61 122	0	0	0	0	0.0000	0.0000	
	100%	!	0	-23 089	-	6.84	157 900	157 900	0	0	0	0	0.0000	0.0000	
	0%	!	19 537	0	8.08	-	157 900	157 900	0	0	0	0	0.0000	0.0000	
	12.5%	4	14 005	0	4.36	-	61 122	61 122	0	0	0	0	0.0000	0.0000	
	25.0%	4	8 475	0	7.21	-	61 122	61 122	0	0	0	0	0.0000	0.0000	
	37.5%	4	2 942	-1 159	20.78	52.74	61 122	61 122	0	0	0	0	0.0000	0.0000	
Travetto 2-1	50.0%	4	0	-4 946	-	12.36	61 122	61 122	0	0	0	0	0.0000	0.0000	
	62.5%	4	0	-10 478	-	5.83	61 122	61 122	0	0	0	0	0.0000	0.0000	
	75.0%	4	0	-16 008	-	3.82	61 122	61 122	0	0	0	0	0.0000	0.0000	
	87.5%	4	0	-21 541	-	2.84	61 122	61 122	0	0	0	0	0.0000	0.0000	
	100%	!	0	-27 073	-	5.83	157 900	157 900	0	0	0	0	0.0000	0.0000	
	Sezione: Solai 1.8														
	Travetto 2-1	0%	!	27 494	0	5.74	-	157 900	157 900	0	0	0	0	0.0000	0.0000
12.5%		4	21 874	0	2.79	-	61 122	61 122	0	0	0	0	0.0000	0.0000	
25.0%		4	16 253	0	3.76	-	61 122	61 122	0	0	0	0	0.0000	0.0000	

Solai (CA) - Verifiche a taglio allo SLU														
IdCmp	%L _{Li}	Tp	V _{Ed,Y} (+)	V _{Ed,Y} (-)	CS(+)	CS(-)	V _{Rd} (+)	V _{Rd} (-)	N _{Ed} (+)	N _{Ed} (-)	V _{Rsd,p} (+)	V _{Rsd,p} (-)	A _{sw,p} (+)	A _{sw,p} (-)
	[%]		[N]	[N]			[N]	[N]	[N]	[N]	[N]	[N]	[cm²/cm]	[cm²/cm]
	37.5%	4	10 636	0	5.75	-	61 122	61 122	0	0	0	0	0.0000	0.0000
	50.0%	4	5 015	0	12.19	-	61 122	61 122	0	0	0	0	0.0000	0.0000
	62.5%	4	1 585	-2 619	38.56	23.34	61 122	61 122	0	0	0	0	0.0000	0.0000
	75.0%	4	78	-8 238	NS	7.42	61 122	61 122	0	0	0	0	0.0000	0.0000
	87.5%	4	0	-13 858	-	4.41	61 122	61 122	0	0	0	0	0.0000	0.0000
	100%	!	0	-19 477	-	8.11	157 900	157 900	0	0	0	0	0.0000	0.0000
Travetto 3-2	0%	!	25 441	0	6.21	-	157 900	157 900	0	0	0	0	0.0000	0.0000
	12.5%	4	19 847	0	3.08	-	61 122	61 122	0	0	0	0	0.0000	0.0000
	25.0%	4	14 254	0	4.29	-	61 122	61 122	0	0	0	0	0.0000	0.0000
	37.5%	4	8 658	-960	7.06	63.67	61 122	61 122	0	0	0	0	0.0000	0.0000
	50.0%	4	3 064	-3 274	19.95	18.67	61 122	61 122	0	0	0	0	0.0000	0.0000
	62.5%	4	882	-8 322	69.30	7.34	61 122	61 122	0	0	0	0	0.0000	0.0000
	75.0%	4	0	-13 915	-	4.39	61 122	61 122	0	0	0	0	0.0000	0.0000
	87.5%	4	0	-19 511	-	3.13	61 122	61 122	0	0	0	0	0.0000	0.0000
	100%	!	0	-25 106	-	6.29	157 900	157 900	0	0	0	0	0.0000	0.0000
Travetto 4-3	0%	!	26 633	0	5.93	-	157 900	157 900	0	0	0	0	0.0000	0.0000
	12.5%	4	20 852	0	2.93	-	61 122	61 122	0	0	0	0	0.0000	0.0000
	25.0%	4	15 068	0	4.06	-	61 122	61 122	0	0	0	0	0.0000	0.0000
	37.5%	4	9 286	0	6.58	-	61 122	61 122	0	0	0	0	0.0000	0.0000
	50.0%	4	3 502	-2 378	17.45	25.70	61 122	61 122	0	0	0	0	0.0000	0.0000
	62.5%	4	1 939	-8 151	31.52	7.50	61 122	61 122	0	0	0	0	0.0000	0.0000
	75.0%	4	388	-13 932	NS	4.39	61 122	61 122	0	0	0	0	0.0000	0.0000
	87.5%	4	0	-19 714	-	3.10	61 122	61 122	0	0	0	0	0.0000	0.0000
	100%	!	0	-25 498	-	6.19	157 900	157 900	0	0	0	0	0.0000	0.0000
Travetto 5-4	0%	!	24 909	0	6.34	-	157 900	157 900	0	0	0	0	0.0000	0.0000
	12.5%	4	19 315	0	3.16	-	61 122	61 122	0	0	0	0	0.0000	0.0000
	25.0%	4	13 722	0	4.45	-	61 122	61 122	0	0	0	0	0.0000	0.0000
	37.5%	4	8 127	-636	7.52	96.10	61 122	61 122	0	0	0	0	0.0000	0.0000
	50.0%	4	3 042	-3 358	20.09	18.20	61 122	61 122	0	0	0	0	0.0000	0.0000
	62.5%	4	1 542	-8 953	39.64	6.83	61 122	61 122	0	0	0	0	0.0000	0.0000
	75.0%	4	42	-14 545	NS	4.20	61 122	61 122	0	0	0	0	0.0000	0.0000
	87.5%	4	0	-20 142	-	3.03	61 122	61 122	0	0	0	0	0.0000	0.0000
	100%	!	0	-25 737	-	6.14	157 900	157 900	0	0	0	0	0.0000	0.0000
Travetto 6-5	0%	!	24 652	0	6.41	-	157 900	157 900	0	0	0	0	0.0000	0.0000
	12.5%	4	19 246	0	3.18	-	61 122	61 122	0	0	0	0	0.0000	0.0000
	25.0%	4	13 841	0	4.42	-	61 122	61 122	0	0	0	0	0.0000	0.0000
	37.5%	4	8 434	-582	7.25	NS	61 122	61 122	0	0	0	0	0.0000	0.0000
	50.0%	4	3 040	-2 825	20.11	21.64	61 122	61 122	0	0	0	0	0.0000	0.0000
	62.5%	4	1 590	-8 230	38.44	7.43	61 122	61 122	0	0	0	0	0.0000	0.0000
	75.0%	4	141	-13 639	NS	4.48	61 122	61 122	0	0	0	0	0.0000	0.0000
	87.5%	4	0	-19 043	-	3.21	61 122	61 122	0	0	0	0	0.0000	0.0000
	100%	!	0	-24 449	-	6.46	157 900	157 900	0	0	0	0	0.0000	0.0000
Travetto 7-6	0%	!	25 438	0	6.21	-	157 900	157 900	0	0	0	0	0.0000	0.0000
	12.5%	4	20 033	0	3.05	-	61 122	61 122	0	0	0	0	0.0000	0.0000
	25.0%	4	14 627	0	4.18	-	61 122	61 122	0	0	0	0	0.0000	0.0000
	37.5%	4	9 223	0	6.63	-	61 122	61 122	0	0	0	0	0.0000	0.0000
	50.0%	4	3 972	-1 611	15.39	37.94	61 122	61 122	0	0	0	0	0.0000	0.0000
	62.5%	4	2 522	-7 016	24.24	8.71	61 122	61 122	0	0	0	0	0.0000	0.0000
	75.0%	4	1 073	-12 424	56.96	4.92	61 122	61 122	0	0	0	0	0.0000	0.0000
	87.5%	4	0	-17 830	-	3.43	61 122	61 122	0	0	0	0	0.0000	0.0000
	100%	!	0	-23 235	-	6.80	157 900	157 900	0	0	0	0	0.0000	0.0000
Travetto 8-7	0%	!	19 560	0	8.07	-	157 900	157 900	0	0	0	0	0.0000	0.0000
	12.5%	4	14 028	0	4.36	-	61 122	61 122	0	0	0	0	0.0000	0.0000
	25.0%	4	8 498	0	7.19	-	61 122	61 122	0	0	0	0	0.0000	0.0000
	37.5%	4	2 965	-1 101	20.61	55.51	61 122	61 122	0	0	0	0	0.0000	0.0000
	50.0%	4	0	-4 888	-	12.50	61 122	61 122	0	0	0	0	0.0000	0.0000
	62.5%	4	0	-10 420	-	5.87	61 122	61 122	0	0	0	0	0.0000	0.0000
	75.0%	4	0	-15 950	-	3.83	61 122	61 122	0	0	0	0	0.0000	0.0000
	87.5%	4	0	-21 483	-	2.85	61 122	61 122	0	0	0	0	0.0000	0.0000
	100%	!	0	-27 015	-	5.84	157 900	157 900	0	0	0	0	0.0000	0.0000

LEGENDA:

IdCmp

Identificativo della campata.

%L_{Li}

Posizione della sezione per la quale vengono forniti i valori di verifica, valutata come % della lunghezza libera d’inflessione (L_{Li}), a partire dall'estremo iniziale.

Tp

Tipo di sezione verificata.

V_{Ed,Y}(+/-)

Valori massimo e minimo del taglio di progetto.

CS^(+/-)

Coefficienti di sicurezza relativi alle sollecitazioni "V_{Ed,Y}(+)" e "V_{Ed,Y}(-)" ([NS] = Non Significativo per valori di CS >= 100).

V_{Rd}(+), V_{Rd}(-)

Valori massimo e minimo del taglio ultimo, per conglomerato compresso.

N_{Ed}(+/-)

Sforzo Normale medio nella Sezione di Verifica.

V_{Rsd,p}(+), V_{Rsd,p}(-)

Contributi dell'acciaio al taglio ultimo dovuti ai ferri piegati, relativi alle sollecitazioni "V_{Ed,Y}(+)" e "V_{Ed,Y}(-)".

A_{sw,p}(+), A_{sw,p}(-)

Aree dei ferri piegati.

TRAVI - VERIFICHE DELLE TENSIONI DI ESERCIZIO (Elevazione)

Solai - verifiche delle tensioni di esercizio																
%LLI T _{prf}	Compressione calcestruzzo Compressione calcestruzzo rinforzo								Trazione acciaio Trazione acciaio/FRP rinforzo							
	Id _{Cmb}	σ _{cc}	σ _{cd,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato	Id _{Cmb}	σ _{at}	σ _{td,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato
[%]		[N/mm ²]	[N/mm ²]	[N]	[N·m]	[N·m]				[N/mm ²]	[N/mm ²]	[N]	[N·m]	[N·m]		
Piano copertura									Sezione: Solai 2.1							
Campata : Travetto 2-1				FRC=0.00 cm												

%LLI Tp _{mf}	Compressione calcestruzzo								Trazione acciaio							
	Compressione calcestruzzo rinforzo								Trazione acciaio/FRP rinforzo							
	Id _{Cmb}	σ _{cc}	σ _{cd,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato	Id _{Cmb}	σ _{at}	σ _{td,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato
[%]		[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]				[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]		
0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI								
25.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI								
50.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI								
75.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI								
100.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI								
Piano copertura									Sezione: Solai 2.2							
Campata : Travetto 2-1				FRC=0.02 cm												
0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI								
25.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI								
50.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI								
75.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI								
100.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI								
Piano copertura									Sezione: Solai 2.3							
Campata : Travetto 1-2				FRC=0.09 cm												
0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI								
25.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI								
50.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI								
75.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI								
100%	RAR	1.255	17.43	0	8 238	0	13.89	SI	RAR	14.656	360.00	0	8 238	0	24.56	SI
	QPR	1.255	13.07	0	8 238	0	10.41	SI								
Campata : Travetto 2-3				FRC=0.01 cm												
0%	RAR	1.359	17.43	0	8 922	0	12.82	SI	RAR	15.873	360.00	0	8 922	0	22.67	SI
	QPR	1.359	13.07	0	8 922	0	9.61	SI								
25.0%	RAR	0.489	17.43	0	1 521	0	35.67	SI	RAR	3.652	360.00	0	1 521	0	98.56	SI
	QPR	0.489	13.07	0	1 521	0	26.75	SI								
50.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI								
75.0%	RAR	0.683	17.43	0	2 127	0	25.50	SI	RAR	5.108	360.00	0	2 127	0	70.48	SI
	QPR	0.683	13.07	0	2 127	0	19.13	SI								
100%	RAR	1.623	17.43	0	10 692	0	10.73	SI	RAR	18.846	360.00	0	10 692	0	19.10	SI
	QPR	1.623	13.07	0	10 692	0	8.05	SI								
Campata : Travetto 3-4				FRC=0.09 cm												
0%	RAR	1.562	17.43	0	10 290	0	11.15	SI	RAR	18.137	360.00	0	10 290	0	19.84	SI
	QPR	1.562	13.07	0	10 290	0	8.36	SI								
25.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI								
50.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI								
75.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI								
100%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI								
Piano copertura									Sezione: Solai 2.4							
Campata : Travetto 1-2				FRC=0.09 cm												
0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI								
25.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI								
50.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI								
75.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI								
100%	RAR	1.237	17.43	0	8 122	0	14.08	SI	RAR	14.450	360.00	0	8 122	0	24.91	SI
	QPR	1.237	13.07	0	8 122	0	10.56	SI								
Campata : Travetto 2-3				FRC=0.02 cm												
0%	RAR	1.339	17.43	0	8 794	0	13.01	SI	RAR	15.645	360.00	0	8 794	0	23.01	SI
	QPR	1.339	13.07	0	8 794	0	9.75	SI								
25.0%	RAR	0.505	17.43	0	1 572	0	34.51	SI	RAR	3.775	360.00	0	1 572	0	95.36	SI
	QPR	0.505	13.07	0	1 572	0	25.88	SI								
50.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI								
75.0%	RAR	0.540	17.43	0	1 680	0	32.29	SI	RAR	4.034	360.00	0	1 680	0	89.23	SI
	QPR	0.540	13.07	0	1 680	0	24.22	SI								
100%	RAR	1.367	17.43	0	8 975	0	12.75	SI	RAR	15.967	360.00	0	8 975	0	22.54	SI
	QPR	1.367	13.07	0	8 975	0	9.56	SI								
Campata : Travetto 3-4				FRC=0.10 cm												
0%	RAR	1.261	17.43	0	8 278	0	13.82	SI	RAR	14.727	360.00	0	8 278	0	24.44	SI
	QPR	1.261	13.07	0	8 278	0	10.36	SI								
25.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI

%LLI Tp _{mf}	Compressione calcestruzzo									Trazione acciaio							
	Compressione calcestruzzo rinforzo									Trazione acciaio/FRP rinforzo							
	Id _{Cmb}	σ _{cc}	σ _{cd,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato		Id _{Cmb}	σ _{at}	σ _{td,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato
[%]		[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]					[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]		
50.0%	QPR	0.000	13.07	0	0	0	-	SI									
	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00		0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
75.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00		0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
100%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00		0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
Piano copertura										Sezione: Solai 2.5							
Campata : Travetto 1-2				FRC=1.14 cm													
0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00		0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
25.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00		0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
50.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00		0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
75.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00		0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
100.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00		0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
Piano copertura										Sezione: Solai 2.6							
Campata : Travetto 1-2				FRC=1.28 cm													
0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00		0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
25.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00		0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
50.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00		0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
75.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00		0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
100%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00		0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
Piano copertura										Sezione: Solai 2.7							
Campata : Travetto 2-1				FRC=0.01 cm													
0%	RAR	0.799	17.43	0	5 244	0	21.82	SI	RAR	9.330	360.00		0	5 244	0	38.58	SI
	QPR	0.799	13.07	0	5 244	0	16.36	SI									
25.0%	RAR	0.563	17.43	0	1 752	0	30.96	SI	RAR	4.207	360.00		0	1 752	0	85.57	SI
	QPR	0.563	13.07	0	1 752	0	23.22	SI									
50.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00		0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
75.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00		0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
100.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00		0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
Campata : Travetto 3-2				FRC=0.04 cm													
0%	RAR	1.714	17.43	0	11 289	0	10.17	SI	RAR	19.898	360.00		0	11 289	0	18.09	SI
	QPR	1.714	13.07	0	11 289	0	7.62	SI									
25.0%	RAR	0.546	17.43	0	1 699	0	31.93	SI	RAR	4.080	360.00		0	1 699	0	88.23	SI
	QPR	0.546	13.07	0	1 699	0	23.95	SI									
50.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00		0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
75.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00		0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
100%	RAR	0.707	17.43	0	4 641	0	24.65	SI	RAR	8.257	360.00		0	4 641	0	43.60	SI
	QPR	0.707	13.07	0	4 641	0	18.49	SI									
Campata : Travetto 4-3				FRC=0.08 cm													
0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00		0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
25.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00		0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
50.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00		0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
75.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00		0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
100%	RAR	1.673	17.43	0	11 022	0	10.41	SI	RAR	19.428	360.00		0	11 022	0	18.53	SI
	QPR	1.673	13.07	0	11 022	0	7.81	SI									
Piano terra										Sezione: Solai 1.1							
Campata : Travetto 1-2				FRC=0.00 cm													
0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00		0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
25.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00		0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
50.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00		0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
75.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00		0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
100.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00		0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
Piano terra										Sezione: Solai 1.2							
Campata : Travetto 1-2				FRC=0.01 cm													
0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00		0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
25.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00		0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									

%LLI Tp _{mf}	Compressione calcestruzzo									Trazione acciaio							
	Compressione calcestruzzo rinforzo									Trazione acciaio/FRP rinforzo							
	Id _{Cmb}	σ _{cc}	σ _{cd,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato		Id _{Cmb}	σ _{at}	σ _{td,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato
[%]		[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]					[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]		
50.0%	RAR	0.000	17.43	0	0	0	-	SI		RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
75.0%	RAR	0.000	17.43	0	0	0	-	SI		RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
100.0%	RAR	0.000	17.43	0	0	0	-	SI		RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
Piano terra									Sezione: Solai 1.3								
Campata : Travetto 1-2				FRC=0.06 cm													
0%	RAR	0.000	17.43	0	0	0	-	SI		RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
25.0%	RAR	0.000	17.43	0	0	0	-	SI		RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
50.0%	RAR	0.000	17.43	0	0	0	-	SI		RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
75.0%	RAR	0.000	17.43	0	0	0	-	SI		RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
100.0%	RAR	0.000	17.43	0	0	0	-	SI		RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
Piano terra									Sezione: Solai 1.4								
Campata : Travetto 2-1				FRC=0.01 cm													
0%	RAR	0.000	17.43	0	0	0	-	SI		RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
25.0%	RAR	0.000	17.43	0	0	0	-	SI		RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
50.0%	RAR	0.000	17.43	0	0	0	-	SI		RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
75.0%	RAR	0.000	17.43	0	0	0	-	SI		RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
100.0%	RAR	0.000	17.43	0	0	0	-	SI		RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
Piano terra									Sezione: Solai 1.5								
Campata : Travetto 2-1				FRC=0.36 cm													
0%	RAR	2.020	17.43	0	31 310	0	8.62	SI		RAR	24.956	360.00	0	31 310	0	14.42	SI
	QPR	2.020	13.07	0	31 310	0	6.47	SI									
25.0%	RAR	0.000	17.43	0	0	0	-	SI		RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
50.0%	RAR	0.000	17.43	0	0	0	-	SI		RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
75.0%	RAR	0.000	17.43	0	0	0	-	SI		RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
100.0%	RAR	0.000	17.43	0	0	0	-	SI		RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
Campata : Travetto 3-2				FRC=-0.05 cm													
0%	RAR	1.368	17.43	0	13 005	0	12.73	SI		RAR	16.549	360.00	0	13 005	0	21.75	SI
	QPR	1.368	13.07	0	13 005	0	9.55	SI									
25.0%	RAR	1.233	17.43	0	5 565	0	14.13	SI		RAR	9.816	360.00	0	5 565	0	36.67	SI
	QPR	1.233	13.07	0	5 565	0	10.60	SI									
50.0%	RAR	1.813	17.43	0	8 183	0	9.61	SI		RAR	14.433	360.00	0	8 183	0	24.94	SI
	QPR	1.813	13.07	0	8 183	0	7.21	SI									
75.0%	RAR	6.476	17.43	0	16 303	0	2.69	SI		RAR	216.906	360.00	0	16 303	0	1.65	SI
	QPR	6.476	13.07	0	16 303	0	2.01	SI									
100.0%	RAR	6.390	17.43	0	33 906	0	2.72	SI		RAR	292.881	360.00	0	33 906	0	1.22	SI
	QPR	6.390	13.07	0	33 906	0	2.04	SI									
Campata : Travetto 4-3				FRC=0.10 cm													
0%	RAR	0.000	17.43	0	0	0	-	SI		RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
25.0%	RAR	0.000	17.43	0	0	0	-	SI		RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
50.0%	RAR	0.000	17.43	0	0	0	-	SI		RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
75.0%	RAR	0.000	17.43	0	0	0	-	SI		RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
100.0%	RAR	1.261	17.43	0	11 984	0	13.82	SI		RAR	15.250	360.00	0	11 984	0	23.60	SI
	QPR	1.261	13.07	0	11 984	0	10.36	SI									
Piano terra									Sezione: Solai 1.6								
Campata : Travetto 2-1				FRC=0.61 cm													
0%	RAR	4.722	17.43	0	42 481	0	3.69	SI		RAR	211.031	360.00	0	42 481	0	1.70	SI
	QPR	4.722	13.07	0	42 481	0	2.76	SI									
25.0%	RAR	0.000	17.43	0	0	0	-	SI		RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
50.0%	RAR	0.000	17.43	0	0	0	-	SI		RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
75.0%	RAR	0.000	17.43	0	0	0	-	SI		RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
100.0%	RAR	0.000	17.43	0	0	0	-	SI		RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI									
Campata : Travetto 3-2				FRC=-0.07 cm													
0%	RAR	0.893	17.43	0	8 633	0	19.52	SI		RAR	10.511	360.00	0	8 633	0	34.24	SI
	QPR	0.893	13.07	0	8 633	0	14.64	SI									
25.0%	RAR	0.908	17.43	0	4 136	0	19.19	SI		RAR	7.035	360.00	0	4 136	0	51.17	SI
	QPR	0.908	13.07	0	4 136	0	14.39	SI									
50.0%	RAR	2.451	17.43	0	11 165	0	7.11	SI		RAR	18.991	360.00	0	11 165	0	18.95	SI
	QPR	2.451	13.07	0	11 165	0	5.33	SI									

%LLI Tp _{mf}	Compressione calcestruzzo								Trazione acciaio							
	Compressione calcestruzzo rinforzo								Trazione acciaio/FRP rinforzo							
	Id _{Cmb}	σ _{cc}	σ _{cd,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato	Id _{Cmb}	σ _{at}	σ _{td,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato
[%]		[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]				[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]		
75.0%	RAR	8.422	17.43	0	23 693	0	2.06	SI	RAR	233.527	360.00	0	23 693	0	1.54	SI
	QPR	8.422	13.07	0	23 693	0	1.55	SI								
100%	RAR	7.626	17.43	0	45 386	0	2.28	SI	RAR	294.122	360.00	0	45 386	0	1.22	SI
	QPR	7.626	13.07	0	45 386	0	1.71	SI								
Campata : Travetto 4-3 FRC=0.06 cm																
0%	RAR	1.343	17.43	0	12 779	0	12.97	SI	RAR	16.225	360.00	0	12 779	0	22.18	SI
	QPR	1.343	13.07	0	12 779	0	9.73	SI								
25.0%	RAR	0.123	17.43	0	547	0	NS	SI	RAR	1.014	360.00	0	547	0	NS	SI
	QPR	0.123	13.07	0	547	0	NS	SI								
50.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI								
75.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI								
100%	RAR	0.805	17.43	0	7 788	0	21.63	SI	RAR	9.483	360.00	0	7 788	0	37.96	SI
	QPR	0.805	13.07	0	7 788	0	16.22	SI								
Campata : Travetto 5-4 FRC=0.03 cm																
0%	RAR	1.059	17.43	0	9 997	0	16.46	SI	RAR	12.932	360.00	0	9 997	0	27.83	SI
	QPR	1.059	13.07	0	9 997	0	12.34	SI								
25.0%	RAR	0.213	17.43	0	948	0	81.91	SI	RAR	1.757	360.00	0	948	0	NS	SI
	QPR	0.213	13.07	0	948	0	61.43	SI								
50.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI								
75.0%	RAR	0.596	17.43	0	2 672	0	29.26	SI	RAR	4.822	360.00	0	2 672	0	74.65	SI
	QPR	0.596	13.07	0	2 672	0	21.95	SI								
100%	RAR	1.400	17.43	0	13 317	0	12.45	SI	RAR	16.909	360.00	0	13 317	0	21.29	SI
	QPR	1.400	13.07	0	13 317	0	9.33	SI								
Campata : Travetto 6-5 FRC=0.03 cm																
0%	RAR	1.415	17.43	0	13 403	0	12.32	SI	RAR	17.195	360.00	0	13 403	0	20.93	SI
	QPR	1.415	13.07	0	13 403	0	9.24	SI								
25.0%	RAR	0.668	17.43	0	3 006	0	26.09	SI	RAR	5.363	360.00	0	3 006	0	67.13	SI
	QPR	0.668	13.07	0	3 006	0	19.57	SI								
50.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI								
75.0%	RAR	0.276	17.43	0	1 229	0	63.18	SI	RAR	2.278	360.00	0	1 229	0	NS	SI
	QPR	0.276	13.07	0	1 229	0	47.39	SI								
100%	RAR	1.069	17.43	0	10 096	0	16.30	SI	RAR	13.060	360.00	0	10 096	0	27.56	SI
	QPR	1.069	13.07	0	10 096	0	12.22	SI								
Campata : Travetto 7-6 FRC=0.08 cm																
0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI								
25.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI								
50.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI								
75.0%	RAR	0.010	17.43	0	43	0	NS	SI	RAR	0.080	360.00	0	43	0	NS	SI
	QPR	0.010	13.07	0	43	0	NS	SI								
100%	RAR	1.352	17.43	0	12 814	0	12.88	SI	RAR	16.440	360.00	0	12 814	0	21.89	SI
	QPR	1.352	13.07	0	12 814	0	9.66	SI								
Piano terra Sezione: Solai 1.7																
Campata : Travetto 2-1 FRC=0.94 cm																
0%	RAR	5.432	17.43	0	53 696	0	3.20	SI	RAR	210.643	360.00	0	53 696	0	1.70	SI
	QPR	5.432	13.07	0	53 696	0	2.40	SI								
25.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI								
50.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI								
75.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI								
100.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI								
Campata : Travetto 3-2 FRC=-0.10 cm																
0%	RAR	0.719	17.43	0	7 023	0	24.22	SI	RAR	8.339	360.00	0	7 023	0	43.17	SI
	QPR	0.719	13.07	0	7 023	0	18.16	SI								
25.0%	RAR	1.109	17.43	0	5 095	0	15.71	SI	RAR	8.368	360.00	0	5 095	0	43.02	SI
	QPR	1.109	13.07	0	5 095	0	11.78	SI								
50.0%	RAR	3.428	17.43	0	15 749	0	5.08	SI	RAR	25.865	360.00	0	15 749	0	13.91	SI
	QPR	3.428	13.07	0	15 749	0	3.81	SI								
75.0%	RAR	9.253	17.43	0	31 903	0	1.88	SI	RAR	172.151	360.00	0	31 903	0	2.09	SI
	QPR	9.253	13.07	0	31 903	0	1.41	SI								
100%	RAR	8.738	17.43	0	56 948	0	1.99	SI	RAR	291.722	360.00	0	56 948	0	1.23	SI
	QPR	8.738	13.07	0	56 948	0	1.49	SI								
Campata : Travetto 4-3 FRC=0.07 cm																
0%	RAR	1.404	17.43	0	13 358	0	12.41	SI	RAR	16.961	360.00	0	13 358	0	21.22	SI
	QPR	1.404	13.07	0	13 358	0	9.31	SI								
25.0%	RAR	0.077	17.43	0	341	0	NS	SI	RAR	0.632	360.00	0	341	0	NS	SI
	QPR	0.077	13.07	0	341	0	NS	SI								
50.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI								
75.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI								
100%	RAR	0.604	17.43	0	5 898	0	28.84	SI	RAR	7.003	360.00	0	5 898	0	51.40	SI
	QPR	0.604	13.07	0	5 898	0	21.63	SI								
Campata : Travetto 5-4 FRC=0.03 cm																

%LLI Tp _{mf}	Compressione calcestruzzo Compressione calcestruzzo rinforzo								Trazione acciaio Trazione acciaio/FRP rinforzo							
	Id _{Cmb}	σ _{cc}	σ _{cd,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato	Id _{Cmb}	σ _{at}	σ _{td,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato
[%]		[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]				[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]		
0%	RAR	1.049	17.43	0	9 904	0	16.62	SI	RAR	12.811	360.00	0	9 904	0	28.09	SI
	QPR	1.049	13.07	0	9 904	0	12.46	SI								
25.0%	RAR	0.232	17.43	0	1 033	0	75.17	SI	RAR	1.915	360.00	0	1 033	0	NS	SI
	QPR	0.232	13.07	0	1 033	0	56.38	SI								
50.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI								
75.0%	RAR	0.721	17.43	0	3 234	0	24.18	SI	RAR	5.836	360.00	0	3 234	0	61.68	SI
	QPR	0.721	13.07	0	3 234	0	18.13	SI								
100%	RAR	1.484	17.43	0	14 121	0	11.74	SI	RAR	17.929	360.00	0	14 121	0	20.07	SI
	QPR	1.484	13.07	0	14 121	0	8.80	SI								
Campata : Travetto 6-5 FRC=0.03 cm																
0%	RAR	1.419	17.43	0	13 441	0	12.28	SI	RAR	17.244	360.00	0	13 441	0	20.87	SI
	QPR	1.419	13.07	0	13 441	0	9.21	SI								
25.0%	RAR	0.665	17.43	0	2 992	0	26.21	SI	RAR	5.338	360.00	0	2 992	0	67.44	SI
	QPR	0.665	13.07	0	2 992	0	19.66	SI								
50.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI								
75.0%	RAR	0.256	17.43	0	1 141	0	68.06	SI	RAR	2.115	360.00	0	1 141	0	NS	SI
	QPR	0.256	13.07	0	1 141	0	51.04	SI								
100%	RAR	1.056	17.43	0	9 972	0	16.50	SI	RAR	12.899	360.00	0	9 972	0	27.90	SI
	QPR	1.056	13.07	0	9 972	0	12.38	SI								
Campata : Travetto 7-6 FRC=0.08 cm																
0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI								
25.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI								
50.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI								
75.0%	RAR	0.018	17.43	0	78	0	NS	SI	RAR	0.145	360.00	0	78	0	NS	SI
	QPR	0.018	13.07	0	78	0	NS	SI								
100%	RAR	1.357	17.43	0	12 859	0	12.84	SI	RAR	16.497	360.00	0	12 859	0	21.82	SI
	QPR	1.357	13.07	0	12 859	0	9.63	SI								
Piano terra Sezione: Solai 1.8																
Campata : Travetto 2-1 FRC=0.09 cm																
0%	RAR	1.366	17.43	0	12 947	0	12.75	SI	RAR	16.610	360.00	0	12 947	0	21.67	SI
	QPR	1.366	13.07	0	12 947	0	9.56	SI								
25.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI								
50.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI								
75.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI								
100%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI								
Campata : Travetto 3-2 FRC=0.03 cm																
0%	RAR	1.361	17.43	0	12 952	0	12.80	SI	RAR	16.445	360.00	0	12 952	0	21.89	SI
	QPR	1.361	13.07	0	12 952	0	9.60	SI								
25.0%	RAR	0.453	17.43	0	2 018	0	38.48	SI	RAR	3.740	360.00	0	2 018	0	96.25	SI
	QPR	0.453	13.07	0	2 018	0	28.86	SI								
50.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI								
75.0%	RAR	0.691	17.43	0	3 110	0	25.22	SI	RAR	5.548	360.00	0	3 110	0	64.88	SI
	QPR	0.691	13.07	0	3 110	0	18.91	SI								
100%	RAR	1.440	17.43	0	13 640	0	12.10	SI	RAR	17.499	360.00	0	13 640	0	20.57	SI
	QPR	1.440	13.07	0	13 640	0	9.08	SI								
Campata : Travetto 4-3 FRC=0.04 cm																
0%	RAR	1.447	17.43	0	13 767	0	12.04	SI	RAR	17.480	360.00	0	13 767	0	20.59	SI
	QPR	1.447	13.07	0	13 767	0	9.03	SI								
25.0%	RAR	0.336	17.43	0	1 499	0	51.80	SI	RAR	2.778	360.00	0	1 499	0	NS	SI
	QPR	0.336	13.07	0	1 499	0	38.85	SI								
50.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI								
75.0%	RAR	0.235	17.43	0	1 049	0	74.03	SI	RAR	1.944	360.00	0	1 049	0	NS	SI
	QPR	0.235	13.07	0	1 049	0	55.52	SI								
100%	RAR	1.348	17.43	0	12 827	0	12.92	SI	RAR	16.286	360.00	0	12 827	0	22.10	SI
	QPR	1.348	13.07	0	12 827	0	9.69	SI								
Campata : Travetto 5-4 FRC=0.04 cm																
0%	RAR	1.183	17.43	0	11 175	0	14.72	SI	RAR	14.456	360.00	0	11 175	0	24.90	SI
	QPR	1.183	13.07	0	11 175	0	11.04	SI								
25.0%	RAR	0.273	17.43	0	1 217	0	63.81	SI	RAR	2.256	360.00	0	1 217	0	NS	SI
	QPR	0.273	13.07	0	1 217	0	47.85	SI								
50.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI
	QPR	0.000	13.07	0	0	0	-	SI								
75.0%	RAR	0.441	17.43	0	1 967	0	39.48	SI	RAR	3.646	360.00	0	1 967	0	98.75	SI
	QPR	0.441	13.07	0	1 967	0	29.61	SI								
100%	RAR	1.452	17.43	0	13 814	0	12.00	SI	RAR	17.540	360.00	0	13 814	0	20.52	SI
	QPR	1.452	13.07	0	13 814	0	9.00	SI								
Campata : Travetto 6-5 FRC=0.04 cm																
0%	RAR	1.090	17.43	0	10 291	0	15.99	SI	RAR	13.312	360.00	0	10 291	0	27.04	SI
	QPR	1.090	13.07	0	10 291	0	11.99	SI								
25.0%	RAR	0.160	17.43	0	715	0	NS	SI	RAR	1.325	360.00	0	715	0	NS	SI
	QPR	0.160	13.07	0	715	0	81.45	SI								
50.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI

Solai - verifiche delle tensioni di esercizio																	
%LLI Tp _{rnf}	Compressione calcestruzzo								Trazione acciaio								
	Compressione calcestruzzo rinforzo								Trazione acciaio/FRP rinforzo								
	Id _{Cmb}	σ _{cc}	σ _{cd,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato	Id _{Cmb}	σ _{at}	σ _{td,amm}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	CS	Verific ato	
[%]		[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]				[N/mm ²]	[N/mm ²]	[N]	[N-m]	[N-m]			
75.0%	QPR	0.000	13.07	0	0	0	-	SI									
	RAR	0.254	17.43	0	1 130	0	68.72	SI	RAR	2.094	360.00	0	1 130	0	NS	SI	
	QPR	0.254	13.07	0	1 130	0	51.54	SI									
100%	RAR	1.177	17.43	0	11 120	0	14.80	SI	RAR	14.384	360.00	0	11 120	0	25.02	SI	
	QPR	1.177	13.07	0	11 120	0	11.10	SI									
Campata : Travetto 7-6				FRC=0.03 cm													
0%	RAR	1.404	17.43	0	13 300	0	12.41	SI	RAR	17.063	360.00	0	13 300	0	21.09	SI	
	QPR	1.404	13.07	0	13 300	0	9.31	SI									
25.0%	RAR	0.678	17.43	0	3 053	0	25.69	SI	RAR	5.447	360.00	0	3 053	0	66.09	SI	
	QPR	0.678	13.07	0	3 053	0	19.26	SI									
50.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI	
	QPR	0.000	13.07	0	0	0	-	SI									
75.0%	RAR	0.340	17.43	0	1 514	0	51.29	SI	RAR	2.806	360.00	0	1 514	0	NS	SI	
	QPR	0.340	13.07	0	1 514	0	38.46	SI									
100%	RAR	1.112	17.43	0	10 499	0	15.67	SI	RAR	13.581	360.00	0	10 499	0	26.50	SI	
	QPR	1.112	13.07	0	10 499	0	11.75	SI									
Campata : Travetto 8-7				FRC=0.08 cm													
0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI	
	QPR	0.000	13.07	0	0	0	-	SI									
25.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI	
	QPR	0.000	13.07	0	0	0	-	SI									
50.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI	
	QPR	0.000	13.07	0	0	0	-	SI									
75.0%	RAR	0.000	17.43	0	0	0	-	SI	RAR	0.000	360.00	0	0	0	-	SI	
	QPR	0.000	13.07	0	0	0	-	SI									
100%	RAR	1.336	17.43	0	12 661	0	13.04	SI	RAR	16.243	360.00	0	12 661	0	22.16	SI	
	QPR	1.336	13.07	0	12 661	0	9.78	SI									

LEGGENDA:

%LLI	Posizione della sezione per la quale vengono forniti i valori di verifica, valutata come % della lunghezza libera d'inflessione (L _{LI}), a partire dall'estremo iniziale.
Rinf.	Indica la presenza del rinforzo sulla sezione di verifica.
FRC	Spostamento massimo (freccia) dell'elemento, valutata in combinazione Caratteristica (RARA).
Id _{Cmb}	Identificativo della Combinazione di Azione: [QPR] = Quasi Permanente - [FRQ] = Frequente - [RAR] = Rara.
σ _{cc}	Tensione massima di compressione nel calcestruzzo.
σ _{cd,amm}	Tensione ammissibile per la verifica a compressione del calcestruzzo.
N _{Ed} , M _{Ed,3} , M _{Ed,2}	Sollecitazioni di progetto.
σ _{at}	Tensione massima di trazione nell'acciaio della Trave/Rinforzo o nel FRP.
σ _{td,amm}	Tensione ammissibile per la verifica a trazione dell'acciaio/rinforzo.
CS	Coefficiente di Sicurezza (= σ _{cd, amm} /σ _{cc} ; σ _{td, amm} /σ _{at}). [NS] = Non Significativo (CS ≥ 100).
Verificato	[SI] = La verifica è soddisfatta (σ _{cc} ≤ σ _{cd,amm} ; σ _{at} ≤ σ _{td,amm}). [NO] = La verifica NON è soddisfatta (σ _{cc} > σ _{cd,amm} ; σ _{at} > σ _{td,amm}).

TRAVI - VERIFICA ALLO STATO LIMITE DI FESSURAZIONE (Elevazione)

Solai - verifica allo stato limite di fessurazione														
%L _{LI}	Id _{Cmb}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	σ _{ct,f}	σ _t	ε _{sm}	A _e	Δ _{sm}	W _d	W _{amm}	CS	Verificat o	
[%]		[N]	[N-m]	[N-m]	[N/mm²]	[N/mm²]		[cm²]	[mm]	[mm]	[mm]			
Piano copertura								Sezione: Solai 2.1						
Campata Travetto 2-1				FRC=0.00 cm				AA= PCA						
0%	FRQ	0	-518	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI	
	QPR	0	-518	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI	
12.5%	FRQ	0	-930	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI	
	QPR	0	-930	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI	
25.0%	FRQ	0	-1 224	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI	
	QPR	0	-1 224	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI	
37.5%	FRQ	0	-1 402	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI	
	QPR	0	-1 402	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI	
50.0%	FRQ	0	-1 461	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI	
	QPR	0	-1 461	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI	
62.5%	FRQ	0	-1 405	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI	
	QPR	0	-1 405	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI	
75.0%	FRQ	0	-1 231	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI	
	QPR	0	-1 231	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI	
87.5%	FRQ	0	-939	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI	
	QPR	0	-939	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI	
100.0%	FRQ	0	-531	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI	
	QPR	0	-531	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI	
Piano copertura								Sezione: Solai 2.2						
Campata Travetto 2-1				FRC=0.02 cm				AA= PCA						
0%	FRQ	0	-941	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI	
	QPR	0	-941	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI	
12.5%	FRQ	0	-2 304	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI	
	QPR	0	-2 304	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI	
25.0%	FRQ	0	-3 278	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI	
	QPR	0	-3 278	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI	
37.5%	FRQ	0	-3 864	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI	
	QPR	0	-3 864	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI	
50.0%	FRQ	0	-4 062	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI	
	QPR	0	-4 062	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI	
62.5%	FRQ	0	-3 870	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI	
	QPR	0	-3 870	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI	
75.0%	FRQ	0	-3 291	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI	
	FRQ	0	-3 291	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI	

%L _{LI}	Id _{Cmb}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	σ _{ct,f}	σ _t	ε _{sm}	A _e	Δ _{sm}	W _d	W _{amm}	CS	Verificat o
[%]		[N]	[N-m]	[N-m]	[N/mm ²]	[N/mm ²]		[cm ²]	[mm]	[mm]	[mm]		
87.5%	QPR	0	-3 291	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
	FRQ	0	-2 324	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-2 324	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
	FRQ	0	-968	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
100.0%	QPR	0	-968	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura								Sezione: Solai 2.3					
Campata Travetto 1-2				FRC=0.09 cm				AA= PCA					
0%	FRQ	0	-1 933	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-1 933	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	-4 392	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-4 392	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	-5 828	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-5 828	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	-6 235	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-6 235	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	-5 620	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-5 620	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	-3 982	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-3 982	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	-1 316	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-1 316	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	2 370	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	2 370	0	0.49	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	0	8 238	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	8 238	0	1.23	2.36	0 E-01	0	0	0.000	0.300	-	SI
Campata Travetto 2-3				FRC=0.01 cm				AA= PCA					
0%	FRQ	0	8 922	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	8 922	0	1.33	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	4 170	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	4 170	0	0.87	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	1 521	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	1 521	0	0.32	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	31	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	31	0	0.01	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	-368	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-368	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	327	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	327	0	0.07	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	2 127	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	2 127	0	0.45	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	5 167	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	5 167	0	1.07	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	0	10 692	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	10 692	0	1.58	2.36	0 E-01	0	0	0.000	0.300	-	SI
Campata Travetto 3-4				FRC=0.09 cm				AA= PCA					
0%	FRQ	0	10 290	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	10 290	0	1.52	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	3 429	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	3 429	0	0.71	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	-627	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-627	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	-3 587	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-3 587	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	-5 450	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-5 450	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	-6 215	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-6 215	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	-5 885	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-5 885	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	-4 458	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-4 458	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	0	-1 931	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-1 931	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura								Sezione: Solai 2.4					
Campata Travetto 1-2				FRC=0.09 cm				AA= PCA					
0%	FRQ	0	-1 188	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-1 188	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	-3 917	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-3 917	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	-5 576	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-5 576	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	-6 162	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-6 162	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	-5 675	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-5 675	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	-4 113	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-4 113	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	-1 480	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-1 480	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	2 224	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	2 224	0	0.46	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	0	8 122	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	8 122	0	1.21	2.36	0 E-01	0	0	0.000	0.300	-	SI
Campata Travetto 2-3				FRC=0.02 cm				AA= PCA					

%L _{LI}	Id _{Cmb}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	σ _{ct,f}	σ _t	ε _{sm}	A _e	Δ _{sm}	W _d	W _{amm}	CS	Verificato
[%]		[N]	[N-m]	[N-m]	[N/mm ²]	[N/mm ²]		[cm ²]	[mm]	[mm]	[mm]		
0%	FRQ	0	8 794	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	8 794	0	1.31	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	4 177	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	4 177	0	0.87	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	1 572	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	1 572	0	0.34	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	62	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	62	0	0.01	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	-422	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-422	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	117	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	117	0	0.02	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	1 680	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	1 680	0	0.36	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	4 333	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	4 333	0	0.90	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	0	8 975	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	8 975	0	1.33	2.36	0 E-01	0	0	0.000	0.300	-	SI
Campata Travetto 3-4			FRC=0.10 cm				AA= PCA						
0%	FRQ	0	8 278	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	8 278	0	1.23	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	2 235	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	2 235	0	0.47	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	-1 547	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-1 547	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	-4 235	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-4 235	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	-5 820	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-5 820	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	-6 311	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-6 311	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	-5 708	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-5 708	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	-4 005	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-4 005	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	0	-1 208	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-1 208	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura			FRC=1.14 cm				Sezione: Solai 2.5						
Campata Travetto 1-2			FRC=1.14 cm				AA= PCA						
0%	FRQ	0	-7 867	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-7 867	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	-30 415	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-30 415	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	-46 411	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-46 411	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	-55 853	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-55 853	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	-58 743	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-58 743	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	-55 080	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-55 080	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	-44 864	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-44 864	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	-28 093	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-28 093	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	0	-4 772	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-4 772	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura			FRC=1.28 cm				Sezione: Solai 2.6						
Campata Travetto 1-2			FRC=1.28 cm				AA= PCA						
0%	FRQ	0	-8 099	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-8 099	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	-32 006	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-32 006	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	-48 964	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-48 964	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	-58 974	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-58 974	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	-62 032	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-62 032	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	-58 140	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-58 140	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	-47 299	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-47 299	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	-29 510	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-29 510	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	0	-4 770	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-4 770	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano copertura			FRC=0.01 cm				Sezione: Solai 2.7						
Campata Travetto 2-1			FRC=0.01 cm				AA= PCA						
0%	FRQ	0	5 244	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	5 244	0	0.78	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	3 327	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	3 327	0	0.69	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	1 752	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI

%L _{LT}	Id _{Cmb}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	σ _{ct,f}	σ _t	ε _{sm}	A _e	Δ _{sm}	W _d	W _{amm}	CS	Verificato
[%]		[N]	[N-m]	[N-m]	[N/mm ²]	[N/mm ²]		[cm ²]	[mm]	[mm]	[mm]		
37.5%	QPR	0	1 752	0	0.37	2.36	0 E-01	0	0	0.000	0.300	-	SI
	FRQ	0	522	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
50.0%	QPR	0	522	0	0.11	2.36	0 E-01	0	0	0.000	0.300	-	SI
	FRQ	0	-361	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
62.5%	QPR	0	-361	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
	FRQ	0	-900	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
75.0%	QPR	0	-900	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
	FRQ	0	-1 093	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
87.5%	QPR	0	-1 093	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
	FRQ	0	-942	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
100.0%	QPR	0	-942	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
	FRQ	0	-443	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-443	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
Campata Travetto 3-2		FRC=0.04 cm			AA= PCA								
0%	FRQ	0	11 289	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	11 289	0	1.66	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	5 372	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	5 372	0	1.11	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	1 699	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	1 699	0	0.36	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	-839	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-839	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	-2 279	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-2 279	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	-2 624	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-2 624	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	-1 867	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-1 867	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	163	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	163	0	0.03	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	0	4 641	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	4 641	0	0.69	2.36	0 E-01	0	0	0.000	0.300	-	SI
Campata Travetto 4-3		FRC=0.08 cm			AA= PCA								
0%	FRQ	0	-1 885	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-1 885	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	-4 327	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-4 327	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	-5 677	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-5 677	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	-5 928	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-5 928	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	-5 080	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-5 080	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	-3 138	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-3 138	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	-94	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-94	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	4 044	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	4 044	0	0.83	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	0	11 022	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	11 022	0	1.62	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano terra		FRC=0.00 cm			Sezione: Solai 1.1								
Campata Travetto 1-2		FRC=0.00 cm			AA= PCA								
0%	FRQ	0	-719	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-719	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	-1 394	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-1 394	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	-1 878	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-1 878	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	-2 169	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-2 169	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	-2 266	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-2 266	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	-2 173	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-2 173	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	-1 886	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-1 886	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	-1 407	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-1 407	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	0	-736	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-736	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano terra		FRC=0.01 cm			Sezione: Solai 1.2								
Campata Travetto 1-2		FRC=0.01 cm			AA= PCA								
0%	FRQ	0	-969	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-969	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	-2 199	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-2 199	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	-3 080	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-3 080	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	-3 610	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-3 610	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	-3 788	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-3 788	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	-3 615	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-3 615	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI

%L _{LI}	Id _{Cmb}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	σ _{ct,f}	σ _t	ε _{sm}	A _e	Δ _{sm}	W _d	W _{amm}	CS	Verificato
[%]		[N]	[N-m]	[N-m]	[N/mm ²]	[N/mm ²]		[cm ²]	[mm]	[mm]	[mm]		
75.0%	QPR	0	-3 615	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
	FRQ	0	-3 093	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-3 093	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	-2 219	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-2 219	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	0	-995	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-995	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano terra								Sezione: Solai 1.3					
Campata Travetto 1-2				FRC=0.06 cm				AA= PCA					
0%	FRQ	0	-1 492	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-1 492	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	-4 412	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-4 412	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	-6 498	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-6 498	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	-7 752	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-7 752	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	-8 174	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-8 174	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	-7 763	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-7 763	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	-6 518	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-6 518	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	-4 441	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-4 441	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	0	-1 530	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-1 530	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano terra								Sezione: Solai 1.4					
Campata Travetto 2-1				FRC=0.01 cm				AA= PCA					
0%	FRQ	0	-1 604	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-1 604	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	-2 757	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-2 757	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	-3 560	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-3 560	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	-4 015	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-4 015	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	-4 118	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-4 118	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	-3 874	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-3 874	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	-3 281	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-3 281	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	-2 337	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-2 337	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	0	-1 046	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-1 046	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano terra								Sezione: Solai 1.5					
Campata Travetto 2-1				FRC=0.36 cm				AA= PCA					
0%	FRQ	0	31 310	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	31 310	0	1.92	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	3 595	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	3 595	0	0.36	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	-10 880	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-10 880	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	-20 860	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-20 860	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	-26 337	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-26 337	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	-27 318	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-27 318	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	-23 800	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-23 800	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	-15 783	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-15 783	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	0	-3 267	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-3 267	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
Campata Travetto 3-2				FRC=-0.05 cm				AA= PCA					
0%	FRQ	0	13 005	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	13 005	0	1.33	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	6 933	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	6 933	0	1.03	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	5 565	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	5 565	0	0.83	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	6 187	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	6 187	0	0.92	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	8 183	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	8 183	0	1.21	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	11 555	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	11 555	0	1.72	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	16 303	0	2.37	2.36	7.6161 E-04	133	176	0.134	0.400	2.98	SI
	QPR	0	16 303	0	2.37	2.36	7.6161 E-04	133	176	0.134	0.300	2.24	SI

%L _{LI}	Id _{Cmb}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	σ _{ct,f}	σ _t	ε _{sm}	A _e	Δ _{sm}	W _d	W _{amm}	CS	Verificato
[%]		[N]	[N-m]	[N-m]	[N/mm ²]	[N/mm ²]		[cm ²]	[mm]	[mm]	[mm]		
87.5%	FRQ	0	22 821	0	3.17	2.36	7.8865 E-04	133	146	0.115	0.400	3.48	SI
	QPR	0	22 821	0	3.17	2.36	7.8865 E-04	133	146	0.115	0.300	2.61	SI
100%	FRQ	0	33 906	0	3.29	2.36	1.2028 E-03	133	146	0.175	0.400	2.28	SI
	QPR	0	33 906	0	3.29	2.36	1.2028 E-03	133	146	0.175	0.300	1.71	SI
Campata Travetto 4-3			FRC=0.10 cm					AA= PCA					
0%	FRQ	0	-2 383	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-2 383	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	-5 526	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-5 526	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	-7 381	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-7 381	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	-7 947	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-7 947	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	-7 228	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-7 228	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	-5 224	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-5 224	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	-1 931	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-1 931	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	2 647	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	2 647	0	0.39	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	0	11 984	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	11 984	0	1.22	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano terra			FRC=0.61 cm					Sezione: Solai 1.6					
Campata Travetto 2-1			FRC=0.61 cm					AA= PCA					
0%	FRQ	0	42 481	0	2.54	2.36	8.5651 E-04	130	128	0.110	0.400	3.65	SI
	QPR	0	42 481	0	2.54	2.36	8.5651 E-04	130	128	0.110	0.300	2.74	SI
12.5%	FRQ	0	4 793	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	4 793	0	0.46	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	-14 175	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-14 175	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	-27 224	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-27 224	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	-34 359	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-34 359	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	-35 582	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-35 582	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	-30 886	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-30 886	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	-20 274	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-20 274	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	0	-3 747	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-3 747	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
Campata Travetto 3-2			FRC=-0.07 cm					AA= PCA					
0%	FRQ	0	8 633	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	8 633	0	0.85	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	3 772	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	3 772	0	0.54	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	4 136	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	4 136	0	0.59	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	6 963	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	6 963	0	1.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	11 165	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	11 165	0	1.60	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	16 740	0	2.40	2.36	7.1544 E-04	130	163	0.117	0.400	3.42	SI
	QPR	0	16 740	0	2.40	2.36	7.1544 E-04	130	163	0.117	0.300	2.57	SI
75.0%	FRQ	0	23 693	0	3.33	2.36	9.0897 E-04	130	149	0.135	0.400	2.96	SI
	QPR	0	23 693	0	3.33	2.36	9.0897 E-04	130	149	0.135	0.300	2.22	SI
87.5%	FRQ	0	32 367	0	4.31	2.36	8.9977 E-04	130	128	0.115	0.400	3.48	SI
	QPR	0	32 367	0	4.31	2.36	8.9977 E-04	130	128	0.115	0.300	2.61	SI
100%	FRQ	0	45 386	0	4.26	2.36	1.2522 E-03	130	128	0.160	0.400	2.50	SI
	QPR	0	45 386	0	4.26	2.36	1.2522 E-03	130	128	0.160	0.300	1.87	SI
Campata Travetto 4-3			FRC=0.06 cm					AA= PCA					
0%	FRQ	0	12 779	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	12 779	0	1.30	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	4 759	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	4 759	0	0.72	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	547	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	547	0	0.08	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	-2 088	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI

%L _{LI}	Id _{Cmb}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	σ _{ct,f}	σ _t	ε _{sm}	A _e	Δ _{sm}	W _d	W _{amm}	CS	Verificato
[%]		[N]	[N-m]	[N-m]	[N/mm ²]	[N/mm ²]		[cm ²]	[mm]	[mm]	[mm]		
50.0%	QPR	0	-2 088	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
	FRQ	0	-3 439	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
62.5%	QPR	0	-3 439	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
	FRQ	0	-3 498	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
75.0%	QPR	0	-3 498	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
	FRQ	0	-2 272	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
87.5%	QPR	0	-2 272	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
	FRQ	0	630	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
100%	QPR	0	630	0	0.10	2.36	0 E-01	0	0	0.000	0.300	-	SI
	FRQ	0	7 788	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
100%	QPR	0	7 788	0	0.76	2.36	0 E-01	0	0	0.000	0.300	-	SI
Campata Travetto 5-4			FRC=0.03 cm					AA= PCA					
0%	FRQ	0	9 997	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	9 997	0	1.04	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	3 764	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	3 764	0	0.57	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	948	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	948	0	0.15	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	-424	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-424	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	-595	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-595	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	438	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	438	0	0.07	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	2 672	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	2 672	0	0.40	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	6 319	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	6 319	0	0.96	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	0	13 317	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	13 317	0	1.36	2.36	0 E-01	0	0	0.000	0.300	-	SI
Campata Travetto 6-5			FRC=0.03 cm					AA= PCA					
0%	FRQ	0	13 403	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	13 403	0	1.38	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	6 606	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	6 606	0	0.99	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	3 006	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	3 006	0	0.45	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	762	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	762	0	0.12	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	-285	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-285	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	-132	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-132	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	1 229	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	1 229	0	0.19	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	3 982	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	3 982	0	0.60	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	0	10 096	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	10 096	0	1.05	2.36	0 E-01	0	0	0.000	0.300	-	SI
Campata Travetto 7-6			FRC=0.08 cm					AA= PCA					
0%	FRQ	0	-1 292	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-1 292	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	-4 215	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-4 215	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	-5 880	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-5 880	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	-6 288	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-6 288	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	-5 435	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-5 435	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	-3 326	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-3 326	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	43	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	43	0	0.01	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	4 667	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	4 667	0	0.70	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	0	12 814	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	12 814	0	1.32	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano terra			FRC=0.94 cm					Sezione: Solai 1.7					
Campata Travetto 2-1			FRC=0.94 cm					AA= PCA					
0%	FRQ	0	53 696	0	3.11	2.36	8.8049 E-04	129	118	0.104	0.400	3.86	SI
	QPR	0	53 696	0	3.11	2.36	8.8049 E-04	129	118	0.104	0.300	2.89	SI
12.5%	FRQ	0	5 621	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	5 621	0	0.52	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	-17 909	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-17 909	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	-34 058	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-34 058	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	-42 826	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-42 826	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	-44 217	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-44 217	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI

%L _{LT}	Id _{Cmb}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	σ _{ct,f}	σ _t	ε _{sm}	A _e	Δ _{sm}	W _d	W _{amm}	CS	Verificat o
[%]		[N]	[N-m]	[N-m]	[N/mm ²]	[N/mm ²]		[cm ²]	[mm]	[mm]	[mm]		
75.0%	FRQ	0	-38 226	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-38 226	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	-24 856	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-24 856	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
100.0%	FRQ	0	-4 103	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-4 103	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
Campata Travetto 3-2			FRC=-0.10 cm					AA= PCA					
0%	FRQ	0	7 023	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	7 023	0	0.67	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	3 243	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	3 243	0	0.45	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	5 095	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	5 095	0	0.71	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	9 735	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	9 735	0	1.36	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	15 749	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	15 749	0	2.19	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	23 137	0	3.22	2.36	8.1881 E-04	129	142	0.117	0.400	3.43	SI
	QPR	0	23 137	0	3.22	2.36	8.1881 E-04	129	142	0.117	0.300	2.57	SI
75.0%	FRQ	0	31 903	0	4.07	2.36	6.972 E-04	129	118	0.082	0.400	4.87	SI
	QPR	0	31 903	0	4.07	2.36	6.972 E-04	129	118	0.082	0.300	3.65	SI
87.5%	FRQ	0	42 330	0	5.40	2.36	9.6513 E-04	129	118	0.114	0.400	3.52	SI
	QPR	0	42 330	0	5.40	2.36	9.6513 E-04	129	118	0.114	0.300	2.64	SI
100%	FRQ	0	56 948	0	5.17	2.36	1.2666 E-03	129	118	0.149	0.400	2.68	SI
	QPR	0	56 948	0	5.17	2.36	1.2666 E-03	129	118	0.149	0.300	2.01	SI
Campata Travetto 4-3			FRC=0.07 cm					AA= PCA					
0%	FRQ	0	13 358	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	13 358	0	1.36	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	4 876	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	4 876	0	0.74	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	341	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	341	0	0.05	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	-2 573	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-2 573	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	-4 201	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-4 201	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	-4 537	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-4 537	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	-3 588	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-3 588	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	-967	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-967	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	0	5 898	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	5 898	0	0.56	2.36	0 E-01	0	0	0.000	0.300	-	SI
Campata Travetto 5-4			FRC=0.03 cm					AA= PCA					
0%	FRQ	0	9 904	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	9 904	0	1.03	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	3 744	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	3 744	0	0.57	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	1 033	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	1 033	0	0.16	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	-219	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-219	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	-270	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-270	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	881	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	881	0	0.14	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	3 234	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	3 234	0	0.49	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	7 000	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	7 000	0	1.06	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	0	14 121	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	14 121	0	1.44	2.36	0 E-01	0	0	0.000	0.300	-	SI
Campata Travetto 6-5			FRC=0.03 cm					AA= PCA					
0%	FRQ	0	13 441	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	13 441	0	1.38	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	6 612	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	6 612	0	0.99	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	2 992	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	2 992	0	0.45	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	730	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	730	0	0.11	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	-337	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-337	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	-202	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-202	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI

%L _{LI}	Id _{Cmb}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	σ _{ct,f}	σ _t	ε _{sm}	A _e	Δ _{sm}	W _d	W _{amm}	CS	Verificato
[%]		[N]	[N-m]	[N-m]	[N/mm ²]	[N/mm ²]		[cm ²]	[mm]	[mm]	[mm]		
75.0%	FRQ	0	1 141	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	1 141	0	0.18	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	3 877	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	3 877	0	0.59	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	0	9 972	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	9 972	0	1.03	2.36	0 E-01	0	0	0.000	0.300	-	SI
Campata Travetto 7-6			FRC=0.08 cm				AA= PCA						
0%	FRQ	0	-1 290	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-1 290	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	-4 208	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-4 208	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	-5 866	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-5 866	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	-6 269	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-6 269	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	-5 410	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-5 410	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	-3 296	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-3 296	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	78	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	78	0	0.01	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	4 707	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	4 707	0	0.71	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	0	12 859	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	12 859	0	1.32	2.36	0 E-01	0	0	0.000	0.300	-	SI
Piano terra			FRC=0.09 cm				Sezione: Solai 1.8						
Campata Travetto 2-1			FRC=0.09 cm				AA= PCA						
0%	FRQ	0	12 947	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	12 947	0	1.33	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	4 521	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	4 521	0	0.68	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	-212	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-212	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	-3 643	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-3 643	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	-5 776	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-5 776	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	-6 614	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-6 614	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	-6 154	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-6 154	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	-4 395	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-4 395	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	0	-1 331	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-1 331	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
Campata Travetto 3-2			FRC=0.03 cm				AA= PCA						
0%	FRQ	0	12 952	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	12 952	0	1.32	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	5 338	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	5 338	0	0.81	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	2 018	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	2 018	0	0.31	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	364	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	364	0	0.06	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	-8	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-8	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	907	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	907	0	0.14	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	3 110	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	3 110	0	0.47	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	6 718	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	6 718	0	1.01	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	0	13 640	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	13 640	0	1.40	2.36	0 E-01	0	0	0.000	0.300	-	SI
Campata Travetto 4-3			FRC=0.04 cm				AA= PCA						
0%	FRQ	0	13 767	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	13 767	0	1.40	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	5 427	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	5 427	0	0.82	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	1 499	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	1 499	0	0.23	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	-677	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-677	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	-1 478	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-1 478	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	-901	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-901	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	1 049	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	1 049	0	0.16	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	4 738	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	4 738	0	0.72	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	0	12 827	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	12 827	0	1.31	2.36	0 E-01	0	0	0.000	0.300	-	SI
Campata Travetto 5-4			FRC=0.04 cm				AA= PCA						

%L _{LI}	Id _{Cmb}	N _{Ed}	M _{Ed,3}	M _{Ed,2}	σ _{ct,f}	σ _t	ε _{sm}	A _e	Δ _{sm}	W _d	W _{amm}	CS	Verificato
[%]		[N]	[N-m]	[N-m]	[N/mm ²]	[N/mm ²]		[cm ²]	[mm]	[mm]	[mm]		
0%	FRQ	0	11 175	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	11 175	0	1.16	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	4 439	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	4 439	0	0.67	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	1 217	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	1 217	0	0.19	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	-526	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-526	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	-985	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-985	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	-153	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-153	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	1 967	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	1 967	0	0.31	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	5 761	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	5 761	0	0.87	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	0	13 814	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	13 814	0	1.41	2.36	0 E-01	0	0	0.000	0.300	-	SI
Campata Travetto 6-5				FRC=0.04 cm				AA= PCA					
0%	FRQ	0	10 291	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	10 291	0	1.07	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	3 829	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	3 829	0	0.58	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	715	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	715	0	0.11	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	-984	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-984	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	-1 482	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-1 482	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	-777	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-777	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	1 130	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	1 130	0	0.18	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	4 450	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	4 450	0	0.67	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	0	11 120	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	11 120	0	1.15	2.36	0 E-01	0	0	0.000	0.300	-	SI
Campata Travetto 7-6				FRC=0.03 cm				AA= PCA					
0%	FRQ	0	13 300	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	13 300	0	1.37	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	6 588	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	6 588	0	0.99	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	3 053	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	3 053	0	0.46	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	870	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	870	0	0.14	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	-118	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-118	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	92	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	92	0	0.01	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	1 514	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	1 514	0	0.23	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	4 326	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	4 326	0	0.66	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	0	10 499	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	10 499	0	1.09	2.36	0 E-01	0	0	0.000	0.300	-	SI
Campata Travetto 8-7				FRC=0.08 cm				AA= PCA					
0%	FRQ	0	-1 298	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-1 298	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
12.5%	FRQ	0	-4 240	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-4 240	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
25.0%	FRQ	0	-5 922	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-5 922	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
37.5%	FRQ	0	-6 349	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-6 349	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
50.0%	FRQ	0	-5 513	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-5 513	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
62.5%	FRQ	0	-3 423	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-3 423	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
75.0%	FRQ	0	-71	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	-71	0	0.00	2.36	0 E-01	0	0	0.000	0.300	-	SI
87.5%	FRQ	0	4 533	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	4 533	0	0.68	2.36	0 E-01	0	0	0.000	0.300	-	SI
100%	FRQ	0	12 661	0	0.00	2.36	0 E-01	0	0	0.000	0.400	-	SI
	QPR	0	12 661	0	1.30	2.36	0 E-01	0	0	0.000	0.300	-	SI

LEGENDA:

%L_{LI} Posizione della sezione per la quale vengono forniti i valori di verifica, valutata come % della lunghezza libera d'inflessione (L_{LI}), a partire dall'estremo iniziale.

FRC Spostamento massimo (freccia) dell'elemento, valutata in combinazione Caratteristica (RARA).

AA Identificativo dell'aggressività dell'ambiente: [PCA] = "Ordinario"; [MDA] = "Aggressivo"; [MLA] = "Molto aggressivo".

Id_{Cmb} Identificativo della Combinazione di Azione: [QPR] = Quasi Permanente - [FRQ] = Frequente - [RAR] = Rara.

N_{Ed}, M_{Ed,3}, M_{Ed,2} Sollecitazioni di progetto.

σ_{ct,f} Tensione massima di trazione nel calcestruzzo per la fessurazione, calcolata nell'ipotesi di calcestruzzo resistente a trazione. Se tale valore è maggiore di σ_t la sezione è soggetta a fessurazione.

Solai - verifica allo stato limite di fessurazione

% L_{LI}	Id_{Cmb}	N_{Ed}	$M_{Ed,3}$	$M_{Ed,2}$	$\sigma_{ct,f}$	σ_t	ϵ_{sm}	A_e	Δ_{sm}	W_d	W_{amm}	CS	Verificato
[%]		[N]	[N·m]	[N·m]	[N/mm ²]	[N/mm ²]		[cm ²]	[mm]	[mm]	[mm]		
N.B. I valori negativi indicano una sezione interamente compressa. In tal caso le sollecitazioni forniscono il minimo valore di compressione. σ_t Tensione massima di trazione nel calcestruzzo relativa allo stato limite di formazione delle fessure [relazione (4.1.13) del § 4.1.2.2.4 del DM 2018]. ϵ_{sm} Deformazione unitaria media delle barre di armatura. A_e Area efficace del calcestruzzo teso. Δ_{sm} Distanza media tra le fessure. W_d Valore di calcolo di apertura massima delle fessure. W_{amm} Valore ammissibile di apertura delle fessure. CS Coefficiente di Sicurezza ($=W_d / W_{amm}$). [NS] = Non Significativo ($CS \geq 100$). [-] = Fessurazioni nulle ($W_d = 0$). Verificato [SI] = $W_d \leq W_{amm}$; [NO] = $W_d > W_{amm}$													

VERIFICHE CARICO LIMITE FONDAZIONI DIRETTE ALLO SLU (Fondazione)

Verifiche Carico Limite fondazioni dirette allo SLU																
Id_{Fnd}	CS	L_x	L_y	R_{tz}	$Z_{P.cmp}$	Z_{Fid}	Cmp T	C. Terzaghi						Q_{Ed}	Q_{Rd}	R_f
		[m]	[m]	[°]	[m]	[m]		per N_q	per N_c	per N_r	N_q	N_c	N_r			
		[m]	[m]	[°]	[m]	[m]								[N/mm ²]	[N/mm ²]	
Platea 1	59.09	36.15	25.22	180.00	0.40	-	NON Coesivo	1.49	0.00	0.51	33.30	46.12	48.03	0.048	2.850	NO

LEGENDA:

Id_{Fnd}	Descrizione dell'oggetto di fondazione al quale è riferita la verifica.
CS	Coefficiente di sicurezza ([NS] = Non Significativo se $CS \geq 100$; [VNR]= Verifica Non Richiesta; Informazioni aggiuntive sulla condizione: [V] = statica; [E] = eccezionale; [S] = sismica; [N] = sismica non lineare).
L_x/y	Dimensioni dell'elemento di fondazione.
R_{tz}	Angolo compreso tra l'asse X e il lato più lungo del minimo rettangolo che delimita il poligono della platea.
$Z_{P.cmp}$	Profondità di posa dell'elemento di fondazione dal piano campagna.
Z_{Fid}	Profondità della falda dal piano campagna.
Cmp T	Classificazione del comportamento del terreno ai fini del calcolo.
C.	Coefficienti correttivi per la formula di Terzaghi.
Terzaghi	
Q_{Ed}	Carico di progetto sul terreno.
Q_{Rd}	Resistenza di progetto del terreno.
R_f	[SI] = elemento con presenza di rinforzo; [NO] = elemento senza rinforzo.

VERIFICHE CARICO LIMITE FONDAZIONI DIRETTE ALLO SLD (Fondazione)

Verifiche Carico Limite fondazioni dirette allo SLD																
Id_{Fnd}	CS	L_x	L_y	R_{tz}	$Z_{P.cmp}$	Z_{Fid}	Cmp T	C. Terzaghi						Q_{Ed}	Q_{Rd}	R_f
		[m]	[m]	[°]	[m]	[m]		per N_q	per N_c	per N_r	N_q	N_c	N_r			
		[m]	[m]	[°]	[m]	[m]								[N/mm ²]	[N/mm ²]	
Platea 1	NS	36.15	25.22	180.00	0.40	-	NON Coesivo	1.43	0.00	0.49	33.30	46.12	48.03	0.032	3.483	NO

LEGENDA:

Id_{Fnd}	Descrizione dell'oggetto di fondazione al quale è riferita la verifica.
CS	Coefficiente di sicurezza ([NS] = Non Significativo se $CS \geq 100$; [VNR]= Verifica Non Richiesta; Informazioni aggiuntive sulla condizione: [V] = statica; [E] = eccezionale; [S] = sismica; [N] = sismica non lineare).
L_x/y	Dimensioni dell'elemento di fondazione.
R_{tz}	Angolo compreso tra l'asse X e il lato più lungo del minimo rettangolo che delimita il poligono della platea.
$Z_{P.cmp}$	Profondità di posa dell'elemento di fondazione dal piano campagna.
Z_{Fid}	Profondità della falda dal piano campagna.
Cmp T	Classificazione del comportamento del terreno ai fini del calcolo.
C.	Coefficienti correttivi per la formula di Terzaghi.
Terzaghi	
Q_{Ed}	Carico di progetto sul terreno.
Q_{Rd}	Resistenza di progetto del terreno.
R_f	[SI] = elemento con presenza di rinforzo; [NO] = elemento senza rinforzo.

<u>TRAVI (CA) - VERIFICA COMPOSTA TAGLIO/TORSIONE ALLO SLU (Elevazione)</u>	pag.	2
<u>TRAVI - VERIFICHE DELLE TENSIONI DI ESERCIZIO (Elevazione)</u>	pag.	34
<u>TRAVI - VERIFICA ALLO STATO LIMITE DI FESSURAZIONE (Elevazione)</u>	pag.	59
<u>PILASTRI (CA) - VERIFICHE PRESSOFLESSIONE DEVIATA ALLO SLU (Elevazione)</u>	pag.	103
<u>PILASTRI (CA) - VERIFICHE A TAGLIO PER PRESSOFLESSIONE DEVIATA ALLO SLU (Elevazione)</u>	pag.	106
<u>PILASTRI (CA) - VERIFICHE PRESSOFLESSIONE DEVIATA ALLO SLD (Elevazione)</u>	pag.	109
<u>PILASTRI (CA) - VERIFICHE A TAGLIO PER PRESSOFLESSIONE DEVIATA ALLO SLD (Elevazione)</u>	pag.	112
<u>PILASTRI - VERIFICHE DELLE TENSIONI DI ESERCIZIO (Elevazione)</u>	pag.	116
<u>PILASTRI - VERIFICA ALLO STATO LIMITE DI FESSURAZIONE (Elevazione)</u>	pag.	120
<u>DETTAGLI COSTRUTTIVI PER LA DUTTILITÀ - PILASTRI IN PRESENZA DI SISMA (Elevazione)</u>	pag.	124
<u>TRAVI (LG) - VERIFICHE PER PRESSOFLESSIONE (Elevazione) allo SLU</u>	pag.	126
<u>TRAVI (LG) - VERIFICHE PER TENSOFFLESSIONE (Elevazione) allo SLU</u>	pag.	138
<u>TRAVI (LG) - VERIFICHE PER TAGLIO E TORSIONE (Elevazione) allo SLU</u>	pag.	150
<u>TRAVI (LG) - VERIFICHE PER PRESSOFLESSIONE (Elevazione) allo SLD</u>	pag.	157
<u>TRAVI (LG) - VERIFICHE PER TENSOFFLESSIONE (Elevazione) allo SLD</u>	pag.	169
<u>TRAVI (LG) - VERIFICHE PER TAGLIO E TORSIONE (Elevazione) allo SLD</u>	pag.	182
<u>TRAVI (LG) - VERIFICHE A INSTABILITÀ PER PRESSOFLESSIONE RETTA/DEVIATA (Elevazione)</u>	pag.	188
<u>TRAVI (LG) - VERIFICHE DI DEFORMABILITÀ ALLO SLE (Elevazione)</u>	pag.	216
<u>PIANI - VERIFICHE REGOLARITÀ (Elevazione)</u>	pag.	217
<u>EFFETTI DELLE NON LINEARITÀ GEOMETRICHE PER SISMA (Elevazione)</u>	pag.	218
<u>PIANI - VERIFICHE ALLO SLO (Elevazione)</u>	pag.	218
<u>SOLAI (CA)- VERIFICHE ALLO SLU (Elevazione)</u>	pag.	218
<u>SOLAI (CA) - VERIFICHE A TAGLIO ALLO SLU (Elevazione)</u>	pag.	223
<u>VERIFICHE CARICO LIMITE FONDAZIONI DIRETTE ALLO SLU (Fondazione)</u>	pag.	243
<u>VERIFICHE CARICO LIMITE FONDAZIONI DIRETTE ALLO SLD (Fondazione)</u>	pag.	243