



## **DIREZIONE CENTRALE PATRIMONIO**

*Servizio P.R.M. (Progettazione Realizzazione Manutenzione) Patrimonio Comunale*

### **TITOLO PROGETTO**

*"Riqualificazione della casa di riposo Signoriello" inerente il Programma Operativo Nazionale "Città Metropolitane 2014 - 2020" (PON METRO) - Azione 4.1.1 "Realizzazione e Recupero alloggi" - Asse 4 "Infrastrutture per l'inclusione sociale".*

### **PROGETTO ESECUTIVO**

**TITOLO ELABORATO:**

**Tabulati di Calcolo  
CASTELLETTO**

**CODICE ELABORATO:**

**IS - TCC**

**SCALA:**

/

**DATA:**

**Settembre 2018**

#### **PROGETTO ARCHITETTONICO E IMPIANTISTICO**

**Ing. Giuseppe Di Nuzzo**

**Arch. Fabio Ferriero**

**Ing. Giovanni Toscano**

**Arch. Roberto Viscogliosi**

#### **PROGETTO STRUTTURALE**

**S.IN.T.E.C. s.r.l.**

#### **IL R.U.P.:**

**Arch. Guglielmo Pescatore**

#### **IL DIRIGENTE:**

**Ing. Francesco Cuccari**



Fondo per lo Sviluppo  
e la Coesione





**Comune di Napoli**  
**Provincia di Città Metropolitana di Napoli**

**TABULATI DI CALCOLO**  
(Tomo 1 di 1)

**OGGETTO:** ...

...

**COMMITTENTE:** ...

..., 28/06/2018

Il Progettista

\_\_\_\_\_

(...)

Il Direttore dei Lavori

Il Collaudatore

\_\_\_\_\_

(...)

\_\_\_\_\_

(...)

...

... - ...

... - ...

...



## INFORMAZIONI GENERALI

Edificio	Acciaio
Costruzione	Nuova
Situazione	-
Intervento	-
Comune	Napoli
Provincia	Città Metropolitana di Napoli
Oggetto	
Parte d'opera	
Normativa di riferimento	D.M. 17/01/2018
Zona sismica	-
Analisi sismica	Dinamica solo Orizzontale

## MATERIALI CALCESTRUZZO ARMATO

Caratteristiche calcestruzzo armato															
N <sub>id</sub>	γ <sub>k</sub>	α <sub>T, i</sub>	E	G	C <sub>Erid</sub>	Stz	R <sub>ck</sub>	R <sub>cm</sub>	%R <sub>ck</sub>	γ <sub>c</sub>	f <sub>cd</sub>	f <sub>ctd</sub>	f <sub>cfm</sub>	N	n Ac
	[N/m <sup>3</sup> ]	[1/°C]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[%]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]			[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		
<b>Cl. C25/30_B450C - (C25/30)</b>															
002	25,000	0.000010	31,447	13,103	60	P	30.00	-	0.85	1.50	14.11	1.19	3.07	15	003

### LEGENDA:

N <sub>id</sub>	Numero identificativo del materiale, nella relativa tabella dei materiali.
γ <sub>k</sub>	Peso specifico.
α <sub>T, i</sub>	Coefficiente di dilatazione termica.
E	Modulo elastico normale.
G	Modulo elastico tangenziale.
C <sub>Erid</sub>	Coefficiente di riduzione del Modulo elastico normale per Analisi Sismica [E <sub>sisma</sub> = E · C <sub>Erid</sub> ].
Stz	Tipo di situazione: [F] = di Fatto (Esistente); [P] = di Progetto (Nuovo).
R <sub>ck</sub>	Resistenza caratteristica cubica.
R <sub>cm</sub>	Resistenza media cubica.
%R <sub>ck</sub>	Percentuale di riduzione della R <sub>ck</sub> .
γ <sub>c</sub>	Coefficiente parziale di sicurezza del materiale.
f <sub>cd</sub>	Resistenza di calcolo a compressione.
f <sub>ctd</sub>	Resistenza di calcolo a trazione.
f <sub>cfm</sub>	Resistenza media a trazione per flessione.
n Ac	Identificativo, nella relativa tabella materiali, dell'acciaio utilizzato: [-] = parametro NON significativo per il materiale.

## MATERIALI ACCIAIO

															Caratteristiche acciaio		
N <sub>id</sub>	γ <sub>k</sub>	α <sub>T, i</sub>	E	G	Stz	f <sub>yk,1</sub> / f <sub>yk,2</sub>	f <sub>tk,1</sub> / f <sub>tk,2</sub>	f <sub>yd,1</sub> / f <sub>yd,2</sub>	f <sub>td</sub>	γ <sub>s</sub>	γ <sub>M1</sub>	γ <sub>M2</sub>	γ <sub>M3,SLV</sub>	γ <sub>M3,SLE</sub>	N <sub>Cnt</sub>	γ <sub>M7</sub> Cnt	
	[N/m³]	[1/°C]	[N/mm²]	[N/mm²]		[N/mm²]	[N/mm²]	[N/mm²]	[N/mm²]								
S275 - (S275)																	
001	78,500	0.000012	210,000	80,769	P	275.00	430	261.90	-	1.05	1.05	1.25	-	-	-	-	
						255.00	410	242.86									
Acciaio B450C - (B450C)																	
003	78,500	0.000010	210,000	80,769	P	450.00	-	391.30	-	1.15	-	-	-	-	-	-	
						-	-	-									

### LEGENDA:

N <sub>id</sub>	Numero identificativo del materiale, nella relativa tabella dei materiali.
γ <sub>k</sub>	Peso specifico.
α <sub>T, i</sub>	Coefficiente di dilatazione termica.
E	Modulo elastico normale.
G	Modulo elastico tangenziale.
Stz	Tipo di situazione: [F] = di Fatto (Esistente); [P] = di Progetto (Nuovo).
f <sub>tk,1</sub>	Resistenza caratteristica a Rottura (per profili con t ≤ 40 mm).
f <sub>tk,2</sub>	Resistenza caratteristica a Rottura (per profili con 40 mm < t ≤ 80 mm).
f <sub>td</sub>	Resistenza di calcolo a Rottura (Bulloni).
γ <sub>s</sub>	Coefficiente parziale di sicurezza allo SLV del materiale.
γ <sub>M1</sub>	Coefficiente parziale di sicurezza per instabilità.
γ <sub>M2</sub>	Coefficiente parziale di sicurezza per sezioni tese indebolite.
γ <sub>M3,SLV</sub>	Coefficiente parziale di sicurezza per scorrimento allo SLV (Bulloni).
γ <sub>M3,SLE</sub>	Coefficiente parziale di sicurezza per scorrimento allo SLE (Bulloni).
γ <sub>M7</sub>	Coefficiente parziale di sicurezza precarico di bulloni ad alta resistenza (Bulloni - N <sub>Cnt</sub> = con serraggio NON controllato; Cnt = con serraggio controllato). [-] = parametro NON significativo per il materiale.
f <sub>yk,1</sub>	Resistenza caratteristica allo snervamento (per profili con t ≤ 40 mm).
f <sub>yk,2</sub>	Resistenza caratteristica allo snervamento (per profili con 40 mm < t ≤ 80 mm).
f <sub>yd,1</sub>	Resistenza di calcolo (per profili con t ≤ 40 mm).
f <sub>yd,2</sub>	Resistenza di calcolo (per profili con 40 mm < t ≤ 80 mm).
NOTE	[-] = Parametro non significativo per il materiale.



## TENSIONI AMMISSIBILI ALLO SLE DEI VARI MATERIALI

Tensioni ammissibili allo SLE dei vari materiali			
Materiale	SL	Tensione di verifica	$\sigma_{d,amm}$ [N/mm <sup>2</sup> ]
Cls C25/30_B450C	Caratteristica(RARA) Quasi permanente	Compressione Calcestruzzo	14.94
		Compressione Calcestruzzo	11.21
Acciaio B450C	Caratteristica(RARA)	Trazione Acciaio	360.00

### LEGENDA:

**SL** Stato limite di esercizio per cui si esegue la verifica.  
 **$\sigma_{d,amm}$**  Tensione ammissibile per la verifica.

## TERRENI

Terreni										
N <sub>TRN</sub>	γ <sub>T</sub>	K <sub>X</sub>	K <sub>Y</sub>	K <sub>Z</sub>	φ	c <sub>u</sub>	c'	E <sub>d</sub>	E <sub>cu</sub>	A <sub>S-B</sub>
	[N/m <sup>3</sup> ]	[N/cm <sup>2</sup> ]	[N/cm <sup>2</sup> ]	[N/cm <sup>2</sup> ]	[°]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	
Piroclastiti sabbioso limose										
T001	18.100	20	20	60	27	0.000	4.800	30	0	0.000

### LEGENDA:

**N<sub>TRN</sub>** Numero identificativo del terreno.  
 **$\gamma_T$**  Peso specifico del terreno.  
**K** Valori della costante di sottofondo del terreno nelle direzioni degli assi del riferimento globale X (K<sub>X</sub>), Y (K<sub>Y</sub>), e Z (K<sub>Z</sub>).  
 **$\phi$**  Angolo di attrito del terreno.  
**C<sub>u</sub>** Coesione non drenata.  
**C'** Coesione efficace.  
**E<sub>d</sub>** Modulo edometrico.  
**E<sub>cu</sub>** Modulo elastico in condizione non drenate.  
**A<sub>S-B</sub>** Parametro "A" di Skempton-Bjerrum per pressioni interstiziali.

## SEZIONI PROFILATI IN ACCIAIO

Sezioni profilati in acciaio - parte I																		
N <sub>id</sub>	Tp	Label	b [mm]	b <sub>1</sub> [mm]	h [mm]	t <sub>f</sub> [mm]	t <sub>f1</sub> [mm]	t <sub>w</sub> [mm]	t <sub>p</sub> [mm]	r <sub>w</sub> [mm]	r <sub>f</sub> [mm]	r <sub>w/f</sub> [mm]	h <sub>i</sub> [mm]	d [mm]	p <sub>w</sub> [%]	p <sub>f</sub> [%]	d <sub>sp,w</sub> [mm]	d <sub>sp,f</sub> [mm]
001	┌	UPN 120	55	-	120	9	-	7	-	-	5	9	0	82	-	8	-	28
002	●	RND 20	20	-	20	-	-	-	-	-	-	-	-	-	-	-	-	-
003	└	L 150x150x16	150	-	150	16	-	-	-	-	8	16	-	-	-	-	-	-
004	└	UPN 120	55	-	120	9	-	7	-	-	5	9	0	82	-	8	-	28

### LEGENDA:

**N<sub>id</sub>** Numero identificativo del profilato.  
**Tp** Tipo di profilato.  
**Label** Identificativo del profilato come indicato nelle carpenterie.  
**b** Base del profilato.  
**b<sub>1</sub>** Seconda base (per profilati composti).  
**h** Altezza.  
**t<sub>f</sub>** Spessore ala.  
**t<sub>f1</sub>** Spessore seconda ala (per profilati composti).  
**t<sub>w</sub>** Spessore anima.  
**t<sub>p</sub>** Spessore piatto (per profilati composti).  
**r<sub>w</sub>** Raggio anima.  
**r<sub>f</sub>** Raggio ala.  
**r<sub>w/f</sub>** Raggio anima/ala.  
**h<sub>i</sub>** Altezza anima.  
**d** Altezza netta raccordi.  
**p<sub>w</sub>** Pendenza anima.  
**p<sub>f</sub>** Pendenza ala.  
**d<sub>sp,w</sub>** Distanza spessore anima.  
**d<sub>sp,f</sub>** Distanza spessore ala.

## SEZIONI PROFILATI IN ACCIAIO

Sezioni profilati in acciaio - parte II																	
N <sub>id</sub>	Tp	Label	Dir	TC	d <sub>x/v</sub> [mm]	P <sub>abb</sub> [mm]	A [cm <sup>2</sup> ]	A <sub>v</sub> [cm <sup>2</sup> ]	I [cm <sup>4</sup> ]	W <sub>el,sup/dx</sub> [cm <sup>3</sup> ]	W <sub>el,inf/sx</sub> [cm <sup>3</sup> ]	W <sub>pl</sub> [cm <sup>3</sup> ]	i [cm]	I <sub>W</sub> [cm <sup>4</sup> ]	I <sub>T</sub> [cm <sup>4</sup> ]	I <sub>XY</sub> [cm <sup>4</sup> ]	α <sub>xy</sub> [°]
001	┌	UPN 120	X	-	-	0	17	7	364.0	60.7	60.7	72.6	4.6	0.0	4	0	0.0
			Y	-	-			10	43.2	11.1	27.0	21.2	1.6				
002	●	RND 20	X	-	-	0	3	3	0.8	0.8	0.8	1.3	0.5	0.0	0	0	0.0
			Y	-	-			3	0.8	0.8	0.8	1.3	0.5				
003	└	L 150x150x16	X	-	-	0	46	27	949.7	88.7	221.5	0.0	4.6	0.0	0	-558	45.0
			Y	-	-			27	949.7	88.7	221.5	0.0	4.6				
004	└	UPN 120	X	-	-	0	17	884	364.0	60.7	60.7	72.6	4.6	0.0	4	0	0.0
			Y	-	-			1.156	43.2	27.0	11.1	21.2	1.6				

### LEGENDA:



## Sezioni profilati in acciaio - parte II

N <sub>id</sub>	Tp	Label	Dir	TC	d <sub>x/y</sub>	P <sub>abb</sub>	A	A <sub>v</sub>	I	W <sub>el,sup/dx</sub>	W <sub>el,inf/sx</sub>	W <sub>pl</sub>	i	I <sub>w</sub>	I <sub>t</sub>	I <sub>xy</sub>	α <sub>xy</sub>
					[mm]	[mm]	[cm <sup>2</sup> ]	[cm <sup>2</sup> ]	[cm <sup>4</sup> ]	[cm <sup>3</sup> ]	[cm <sup>3</sup> ]	[cm <sup>3</sup> ]	[cm]	[cm <sup>4</sup> ]	[cm <sup>4</sup> ]	[cm <sup>4</sup> ]	[°]
N <sub>id</sub>	Numero identificativo del profilato.																
Tp	Tipo di profilato.																
Label	Identificativo del profilato come indicato nelle carpenterie.																
Dir	Direzione.																
TC	Tipo collegamenti (per profilati composti). A = Abbottonati; R = Ravvicinati.																
d <sub>x/y</sub>	Distanza profilati lungo X/Y (per profilati composti).																
P <sub>abb</sub>	Passo abbottonatura (per profilati composti).																
A	Area della sezione.																
A <sub>v</sub>	Area resistente a taglio.																
I	Inerzia.																
W <sub>el,sup/dx</sub>	Modulo di resistenza elastica superiore/destra.																
W <sub>el,inf/sx</sub>	Modulo di resistenza elastica inferiore/sinistra.																
W <sub>pl</sub>	Modulo resistenza plastica.																
i	Raggio inerzia																
I <sub>w</sub>	Inerzia settoriale.																
I <sub>t</sub>	Inerzia torsionale.																
I <sub>xy</sub>	Inerzia in XY.																
α <sub>xy</sub>	Rotazione assi inerzia.																

## ANALISI CARICHI

									Analisi carichi	
N <sub>id</sub>	T. C.	Descrizione del Carico	Tipologie di Carico	Peso Proprio		Permanente NON Strutturale		Sovraccarico Accidentale	SA	Carico Neve
				Descrizione	PP	Descrizione	PNS	Descrizione		
001	S	Optilam 10.8 mm	Carico Permanente	Pannello di vetro (dimensioni max 2 m x 2 m) di spessore 10,8 mm	258		0		0	0
002	S	Platea	Autorimessa <= 30kN	<i>*vedi le relative tabelle dei carichi</i>	-	Sottofondo e pavimento di tipo industriale in calcestruzzo	2,000	Rimesse, aree per traffico, parcheggio e sosta di veicoli leggeri (peso a pieno carico fino a 30 kN) (Cat. F – Tab. 3.1.II - DM 17.01.2018)	2,500	0
003	S	Grigliato	Abitazioni	Grigliato	500	Pavimento	1,000	Ambienti suscettibili di affollamento (Cat. C2 - Balconi, ballatoi e scale comuni, sale convegni, cinema, teatri, chiese, tribune con posti fissi)	4,000	600
004	S	Copertura in plexiglass	Locali Pubblici	Plexiglass	120		0		0	600

### LEGENDA:

N<sub>id</sub> Numero identificativo dell'analisi di carico.

T. C. Identificativo del tipo di carico: [S] = Superficiale - [L] = Lineare - [C] = Concentrato.

PP, PNS, SA Valori, rispettivamente, del Peso Proprio, del Sovraccarico Permanente NON strutturale, del Sovraccarico Accidentale. Secondo il tipo di carico indicato nella colonna "T.C." ("S" - "L" - "C"), i valori riportati nelle colonne "PP", "PNS" e "SA", sono espressi in [N/m<sup>2</sup>] per carichi Superficiali, [N/m] per carichi Lineari, [N] per carichi Concentrati.

## TIPOLOGIE DI CARICO

								Tipologie di carico	
N <sub>id</sub>	Descrizione	F+E	+/- F	CDC	ψ <sub>0</sub>	ψ <sub>1</sub>	ψ <sub>2</sub>		
0001	Carico Permanente	SI	NO	Permanente	1.00	1.00	1.00		
0002	Permanenti NON Strutturali	SI	NO	Permanente	1.00	1.00	1.00		
0003	Abitazioni	SI	NO	Media	0.70	0.50	0.30		
0004	Autorimessa <= 30kN	SI	NO	Media	0.70	0.70	0.60		
0005	Carico da Neve <= 1000 m s.l.m.	SI	NO	Breve	0.50	0.20	0.00		
0006	Spinta Terreno (statica)	NO	NO	Lunga	1.00	1.00	1.00		
0007	Spinta Terreno (sisma)	SI	NO	Istantanea	0.00	0.00	0.00		
0008	Pressione del Vento (+X)	NO	NO	Istantanea	0.60	0.20	0.00		
0009	Pressione del Vento (-X)	NO	NO	Istantanea	0.60	0.20	0.00		
0010	Pressione del Vento (+Y)	NO	NO	Istantanea	0.60	0.20	0.00		
0011	Pressione del Vento (-Y)	NO	NO	Istantanea	0.60	0.20	0.00		
0012	Sisma X	-	-	-	-	-	-		
0013	Sisma Y	-	-	-	-	-	-		
0014	Sisma Z	-	-	-	-	-	-		
0015	Sisma Ecc.X	-	-	-	-	-	-		
0016	Sisma Ecc.Y	-	-	-	-	-	-		

### LEGENDA:

N<sub>id</sub> Numero identificativo della Tipologia di Carico.

F+E Indica se la tipologia di carico considerata è AGENTE con il sisma.

+/- F Indica se la tipologia di carico è ALTERNATA (cioè considerata due volte con segno opposto) o meno.



Tipologie di carico						
N <sub>id</sub>	Descrizione	F+E	+/- F	CDC	ψ <sub>0</sub>	ψ <sub>1</sub>

**CDC** Indica la classe di durata del carico.  
 NOTA: dato significativo solo per elementi in materiale legnoso.

ψ<sub>0</sub> Coefficiente riduttivo dei carichi allo SLU e SLE (carichi rari).  
 ψ<sub>1</sub> Coefficiente riduttivo dei carichi allo SLE (carichi frequenti).  
 ψ<sub>2</sub> Coefficiente riduttivo dei carichi allo SLE (carichi frequenti e quasi permanenti).

## SLU: Non Sismica - Strutturale senza azioni geotecniche

### SLU: Non Sismica - Strutturale senza azioni geotecniche

Id <sub>Comb</sub>	CC 01	CC 02	CC 03	CC 04	CC 05	CC 06	CC 07	CC 08	CC 09	CC 10	CC 11
01	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02	1.00	0.80	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
03	1.00	0.80	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.90
04	1.00	0.80	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.90	0.00
05	1.00	0.80	0.00	0.00	0.00	1.00	0.00	0.00	0.90	0.00	0.00
06	1.00	0.80	0.00	0.00	0.00	1.00	0.00	0.90	0.00	0.00	0.00
07	1.00	0.80	0.00	0.00	0.00	1.30	0.00	0.00	0.00	0.00	0.00
08	1.00	0.80	0.00	0.00	0.00	1.30	0.00	0.00	0.00	0.00	0.90
09	1.00	0.80	0.00	0.00	0.00	1.30	0.00	0.00	0.00	0.90	0.00
10	1.00	0.80	0.00	0.00	0.00	1.30	0.00	0.00	0.90	0.00	0.00
11	1.00	0.80	0.00	0.00	0.00	1.30	0.00	0.90	0.00	0.00	0.00
12	1.00	0.80	0.00	0.00	0.75	1.00	0.00	0.00	0.00	0.00	0.00
13	1.00	0.80	0.00	0.00	0.75	1.00	0.00	0.00	0.00	0.00	0.90
14	1.00	0.80	0.00	0.00	0.75	1.00	0.00	0.00	0.00	0.90	0.00
15	1.00	0.80	0.00	0.00	0.75	1.00	0.00	0.00	0.90	0.00	0.00
16	1.00	0.80	0.00	0.00	0.75	1.00	0.00	0.90	0.00	0.00	0.00
17	1.00	0.80	0.00	0.00	0.75	1.30	0.00	0.00	0.00	0.00	0.00
18	1.00	0.80	0.00	0.00	0.75	1.30	0.00	0.00	0.00	0.00	0.90
19	1.00	0.80	0.00	0.00	0.75	1.30	0.00	0.00	0.00	0.90	0.00
20	1.00	0.80	0.00	0.00	0.75	1.30	0.00	0.00	0.90	0.00	0.00
21	1.00	0.80	0.00	0.00	0.75	1.30	0.00	0.90	0.00	0.00	0.00
22	1.00	0.80	0.00	1.05	0.00	1.00	0.00	0.00	0.00	0.00	0.00
23	1.00	0.80	0.00	1.05	0.00	1.00	0.00	0.00	0.00	0.00	0.90
24	1.00	0.80	0.00	1.05	0.00	1.00	0.00	0.00	0.00	0.90	0.00
25	1.00	0.80	0.00	1.05	0.00	1.00	0.00	0.00	0.90	0.00	0.00
26	1.00	0.80	0.00	1.05	0.00	1.00	0.00	0.90	0.00	0.00	0.00
27	1.00	0.80	0.00	1.05	0.00	1.30	0.00	0.00	0.00	0.00	0.00
28	1.00	0.80	0.00	1.05	0.00	1.30	0.00	0.00	0.00	0.00	0.90
29	1.00	0.80	0.00	1.05	0.00	1.30	0.00	0.00	0.00	0.90	0.00
30	1.00	0.80	0.00	1.05	0.00	1.30	0.00	0.00	0.90	0.00	0.00
31	1.00	0.80	0.00	1.05	0.00	1.30	0.00	0.90	0.00	0.00	0.00
32	1.00	0.80	0.00	1.05	0.75	1.00	0.00	0.00	0.00	0.00	0.00
33	1.00	0.80	0.00	1.05	0.75	1.00	0.00	0.00	0.00	0.00	0.90
34	1.00	0.80	0.00	1.05	0.75	1.00	0.00	0.00	0.00	0.90	0.00
35	1.00	0.80	0.00	1.05	0.75	1.00	0.00	0.00	0.90	0.00	0.00
36	1.00	0.80	0.00	1.05	0.75	1.00	0.00	0.90	0.00	0.00	0.00
37	1.00	0.80	0.00	1.05	0.75	1.30	0.00	0.00	0.00	0.00	0.00
38	1.00	0.80	0.00	1.05	0.75	1.30	0.00	0.00	0.00	0.00	0.90
39	1.00	0.80	0.00	1.05	0.75	1.30	0.00	0.00	0.00	0.90	0.00
40	1.00	0.80	0.00	1.05	0.75	1.30	0.00	0.00	0.90	0.00	0.00
41	1.00	0.80	0.00	1.05	0.75	1.30	0.00	0.90	0.00	0.00	0.00
42	1.00	0.80	1.05	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
43	1.00	0.80	1.05	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.90
44	1.00	0.80	1.05	0.00	0.00	1.00	0.00	0.00	0.00	0.90	0.00
45	1.00	0.80	1.05	0.00	0.00	1.00	0.00	0.00	0.90	0.00	0.00
46	1.00	0.80	1.05	0.00	0.00	1.00	0.00	0.90	0.00	0.00	0.00
47	1.00	0.80	1.05	0.00	0.00	1.30	0.00	0.00	0.00	0.00	0.00
48	1.00	0.80	1.05	0.00	0.00	1.30	0.00	0.00	0.00	0.00	0.90
49	1.00	0.80	1.05	0.00	0.00	1.30	0.00	0.00	0.00	0.90	0.00
50	1.00	0.80	1.05	0.00	0.00	1.30	0.00	0.00	0.90	0.00	0.00
51	1.00	0.80	1.05	0.00	0.00	1.30	0.00	0.90	0.00	0.00	0.00
52	1.00	0.80	1.05	0.00	0.75	1.00	0.00	0.00	0.00	0.00	0.00
53	1.00	0.80	1.05	0.00	0.75	1.00	0.00	0.00	0.00	0.00	0.90
54	1.00	0.80	1.05	0.00	0.75	1.00	0.00	0.00	0.00	0.90	0.00
55	1.00	0.80	1.05	0.00	0.75	1.00	0.00	0.00	0.90	0.00	0.00
56	1.00	0.80	1.05	0.00	0.75	1.00	0.00	0.90	0.00	0.00	0.00





**FSC**

Fondo per lo Sviluppo  
e la Coesione



**SLU: Non Sismica - Strutturale senza azioni geotecniche**

Id <sub>Comb</sub>	CC 01	CC 02	CC 03	CC 04	CC 05	CC 06	CC 07	CC 08	CC 09	CC 10	CC 11
57	1.00	0.80	1.05	0.00	0.75	1.30	0.00	0.00	0.00	0.00	0.00
58	1.00	0.80	1.05	0.00	0.75	1.30	0.00	0.00	0.00	0.00	0.90
59	1.00	0.80	1.05	0.00	0.75	1.30	0.00	0.00	0.00	0.90	0.00
60	1.00	0.80	1.05	0.00	0.75	1.30	0.00	0.00	0.90	0.00	0.00
61	1.00	0.80	1.05	0.00	0.75	1.30	0.00	0.90	0.00	0.00	0.00
62	1.00	0.80	1.05	1.05	0.00	1.00	0.00	0.00	0.00	0.00	0.00
63	1.00	0.80	1.05	1.05	0.00	1.00	0.00	0.00	0.00	0.00	0.90
64	1.00	0.80	1.05	1.05	0.00	1.00	0.00	0.00	0.00	0.90	0.00
65	1.00	0.80	1.05	1.05	0.00	1.00	0.00	0.00	0.90	0.00	0.00
66	1.00	0.80	1.05	1.05	0.00	1.00	0.00	0.90	0.00	0.00	0.00
67	1.00	0.80	1.05	1.05	0.00	1.30	0.00	0.00	0.00	0.00	0.00
68	1.00	0.80	1.05	1.05	0.00	1.30	0.00	0.00	0.00	0.00	0.90
69	1.00	0.80	1.05	1.05	0.00	1.30	0.00	0.00	0.00	0.90	0.00
70	1.00	0.80	1.05	1.05	0.00	1.30	0.00	0.00	0.90	0.00	0.00
71	1.00	0.80	1.05	1.05	0.00	1.30	0.00	0.90	0.00	0.00	0.00
72	1.00	0.80	1.05	1.05	0.75	1.00	0.00	0.00	0.00	0.00	0.00
73	1.00	0.80	1.05	1.05	0.75	1.00	0.00	0.00	0.00	0.00	0.90
74	1.00	0.80	1.05	1.05	0.75	1.00	0.00	0.00	0.00	0.90	0.00
75	1.00	0.80	1.05	1.05	0.75	1.00	0.00	0.00	0.90	0.00	0.00
76	1.00	0.80	1.05	1.05	0.75	1.00	0.00	0.90	0.00	0.00	0.00
77	1.00	0.80	1.05	1.05	0.75	1.30	0.00	0.00	0.00	0.00	0.00
78	1.00	0.80	1.05	1.05	0.75	1.30	0.00	0.00	0.00	0.00	0.90
79	1.00	0.80	1.05	1.05	0.75	1.30	0.00	0.00	0.00	0.90	0.00
80	1.00	0.80	1.05	1.05	0.75	1.30	0.00	0.00	0.90	0.00	0.00
81	1.00	0.80	1.05	1.05	0.75	1.30	0.00	0.90	0.00	0.00	0.00
82	1.00	1.50	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
83	1.00	1.50	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.90
84	1.00	1.50	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.90	0.00
85	1.00	1.50	0.00	0.00	0.00	1.00	0.00	0.00	0.90	0.00	0.00
86	1.00	1.50	0.00	0.00	0.00	1.00	0.00	0.90	0.00	0.00	0.00
87	1.00	1.50	0.00	0.00	0.00	1.30	0.00	0.00	0.00	0.00	0.00
88	1.00	1.50	0.00	0.00	0.00	1.30	0.00	0.00	0.00	0.00	0.90
89	1.00	1.50	0.00	0.00	0.00	1.30	0.00	0.00	0.00	0.90	0.00
90	1.00	1.50	0.00	0.00	0.00	1.30	0.00	0.00	0.90	0.00	0.00
91	1.00	1.50	0.00	0.00	0.00	1.30	0.00	0.90	0.00	0.00	0.00
92	1.00	1.50	0.00	0.00	0.75	1.00	0.00	0.00	0.00	0.00	0.00
93	1.00	1.50	0.00	0.00	0.75	1.00	0.00	0.00	0.00	0.00	0.90
94	1.00	1.50	0.00	0.00	0.75	1.00	0.00	0.00	0.00	0.90	0.00
95	1.00	1.50	0.00	0.00	0.75	1.00	0.00	0.00	0.90	0.00	0.00
96	1.00	1.50	0.00	0.00	0.75	1.00	0.00	0.90	0.00	0.00	0.00
97	1.00	1.50	0.00	0.00	0.75	1.30	0.00	0.00	0.00	0.00	0.00
98	1.00	1.50	0.00	0.00	0.75	1.30	0.00	0.00	0.00	0.00	0.90
99	1.00	1.50	0.00	0.00	0.75	1.30	0.00	0.00	0.00	0.90	0.00
100	1.00	1.50	0.00	0.00	0.75	1.30	0.00	0.00	0.90	0.00	0.00
101	1.00	1.50	0.00	0.00	0.75	1.30	0.00	0.90	0.00	0.00	0.00
102	1.00	1.50	0.00	1.05	0.00	1.00	0.00	0.00	0.00	0.00	0.00
103	1.00	1.50	0.00	1.05	0.00	1.00	0.00	0.00	0.00	0.00	0.90
104	1.00	1.50	0.00	1.05	0.00	1.00	0.00	0.00	0.00	0.90	0.00
105	1.00	1.50	0.00	1.05	0.00	1.00	0.00	0.00	0.90	0.00	0.00
106	1.00	1.50	0.00	1.05	0.00	1.00	0.00	0.90	0.00	0.00	0.00
107	1.00	1.50	0.00	1.05	0.00	1.30	0.00	0.00	0.00	0.00	0.00
108	1.00	1.50	0.00	1.05	0.00	1.30	0.00	0.00	0.00	0.00	0.90
109	1.00	1.50	0.00	1.05	0.00	1.30	0.00	0.00	0.00	0.90	0.00
110	1.00	1.50	0.00	1.05	0.00	1.30	0.00	0.00	0.90	0.00	0.00
111	1.00	1.50	0.00	1.05	0.00	1.30	0.00	0.90	0.00	0.00	0.00
112	1.00	1.50	0.00	1.05	0.75	1.00	0.00	0.00	0.00	0.00	0.00
113	1.00	1.50	0.00	1.05	0.75	1.00	0.00	0.00	0.00	0.00	0.90
114	1.00	1.50	0.00	1.05	0.75	1.00	0.00	0.00	0.00	0.90	0.00
115	1.00	1.50	0.00	1.05	0.75	1.00	0.00	0.00	0.90	0.00	0.00
116	1.00	1.50	0.00	1.05	0.75	1.00	0.00	0.90	0.00	0.00	0.00
117	1.00	1.50	0.00	1.05	0.75	1.30	0.00	0.00	0.00	0.00	0.00
118	1.00	1.50	0.00	1.05	0.75	1.30	0.00	0.00	0.00	0.00	0.90
119	1.00	1.50	0.00	1.05	0.75	1.30	0.00	0.00	0.00	0.90	0.00
120	1.00	1.50	0.00	1.05	0.75	1.30	0.00	0.00	0.90	0.00	0.00
121	1.00	1.50	0.00	1.05	0.75	1.30	0.00	0.90	0.00	0.00	0.00
122	1.00	1.50	1.05	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00





# FSC

Fondo per lo Sviluppo  
e la Coesione



## SLU: Non Sismica - Strutturale senza azioni geotecniche

Id <sub>Comb</sub>	CC 01	CC 02	CC 03	CC 04	CC 05	CC 06	CC 07	CC 08	CC 09	CC 10	CC 11
123	1.00	1.50	1.05	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.90
124	1.00	1.50	1.05	0.00	0.00	1.00	0.00	0.00	0.00	0.90	0.00
125	1.00	1.50	1.05	0.00	0.00	1.00	0.00	0.00	0.90	0.00	0.00
126	1.00	1.50	1.05	0.00	0.00	1.00	0.00	0.90	0.00	0.00	0.00
127	1.00	1.50	1.05	0.00	0.00	1.30	0.00	0.00	0.00	0.00	0.00
128	1.00	1.50	1.05	0.00	0.00	1.30	0.00	0.00	0.00	0.00	0.90
129	1.00	1.50	1.05	0.00	0.00	1.30	0.00	0.00	0.00	0.90	0.00
130	1.00	1.50	1.05	0.00	0.00	1.30	0.00	0.00	0.90	0.00	0.00
131	1.00	1.50	1.05	0.00	0.00	1.30	0.00	0.90	0.00	0.00	0.00
132	1.00	1.50	1.05	0.00	0.75	1.00	0.00	0.00	0.00	0.00	0.00
133	1.00	1.50	1.05	0.00	0.75	1.00	0.00	0.00	0.00	0.00	0.90
134	1.00	1.50	1.05	0.00	0.75	1.00	0.00	0.00	0.00	0.90	0.00
135	1.00	1.50	1.05	0.00	0.75	1.00	0.00	0.00	0.90	0.00	0.00
136	1.00	1.50	1.05	0.00	0.75	1.00	0.00	0.90	0.00	0.00	0.00
137	1.00	1.50	1.05	0.00	0.75	1.30	0.00	0.00	0.00	0.00	0.00
138	1.00	1.50	1.05	0.00	0.75	1.30	0.00	0.00	0.00	0.00	0.90
139	1.00	1.50	1.05	0.00	0.75	1.30	0.00	0.00	0.00	0.90	0.00
140	1.00	1.50	1.05	0.00	0.75	1.30	0.00	0.00	0.90	0.00	0.00
141	1.00	1.50	1.05	0.00	0.75	1.30	0.00	0.90	0.00	0.00	0.00
142	1.00	1.50	1.05	1.05	0.00	1.00	0.00	0.00	0.00	0.00	0.00
143	1.00	1.50	1.05	1.05	0.00	1.00	0.00	0.00	0.00	0.00	0.90
144	1.00	1.50	1.05	1.05	0.00	1.00	0.00	0.00	0.00	0.90	0.00
145	1.00	1.50	1.05	1.05	0.00	1.00	0.00	0.00	0.90	0.00	0.00
146	1.00	1.50	1.05	1.05	0.00	1.00	0.00	0.90	0.00	0.00	0.00
147	1.00	1.50	1.05	1.05	0.00	1.30	0.00	0.00	0.00	0.00	0.00
148	1.00	1.50	1.05	1.05	0.00	1.30	0.00	0.00	0.00	0.00	0.90
149	1.00	1.50	1.05	1.05	0.00	1.30	0.00	0.00	0.00	0.90	0.00
150	1.00	1.50	1.05	1.05	0.00	1.30	0.00	0.00	0.90	0.00	0.00
151	1.00	1.50	1.05	1.05	0.00	1.30	0.00	0.90	0.00	0.00	0.00
152	1.00	1.50	1.05	1.05	0.75	1.00	0.00	0.00	0.00	0.00	0.00
153	1.00	1.50	1.05	1.05	0.75	1.00	0.00	0.00	0.00	0.00	0.90
154	1.00	1.50	1.05	1.05	0.75	1.00	0.00	0.00	0.00	0.90	0.00
155	1.00	1.50	1.05	1.05	0.75	1.00	0.00	0.00	0.90	0.00	0.00
156	1.00	1.50	1.05	1.05	0.75	1.00	0.00	0.90	0.00	0.00	0.00
157	1.00	1.50	1.05	1.05	0.75	1.30	0.00	0.00	0.00	0.00	0.00
158	1.00	1.50	1.05	1.05	0.75	1.30	0.00	0.00	0.00	0.00	0.90
159	1.00	1.50	1.05	1.05	0.75	1.30	0.00	0.00	0.00	0.90	0.00
160	1.00	1.50	1.05	1.05	0.75	1.30	0.00	0.00	0.90	0.00	0.00
161	1.00	1.50	1.05	1.05	0.75	1.30	0.00	0.90	0.00	0.00	0.00
162	1.00	0.80	1.50	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
163	1.00	0.80	1.50	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.90
164	1.00	0.80	1.50	0.00	0.00	1.00	0.00	0.00	0.00	0.90	0.00
165	1.00	0.80	1.50	0.00	0.00	1.00	0.00	0.00	0.90	0.00	0.00
166	1.00	0.80	1.50	0.00	0.00	1.00	0.00	0.90	0.00	0.00	0.00
167	1.00	0.80	1.50	0.00	0.00	1.30	0.00	0.00	0.00	0.00	0.00
168	1.00	0.80	1.50	0.00	0.00	1.30	0.00	0.00	0.00	0.00	0.90
169	1.00	0.80	1.50	0.00	0.00	1.30	0.00	0.00	0.00	0.90	0.00
170	1.00	0.80	1.50	0.00	0.00	1.30	0.00	0.00	0.90	0.00	0.00
171	1.00	0.80	1.50	0.00	0.00	1.30	0.00	0.90	0.00	0.00	0.00
172	1.00	0.80	1.50	0.00	0.75	1.00	0.00	0.00	0.00	0.00	0.00
173	1.00	0.80	1.50	0.00	0.75	1.00	0.00	0.00	0.00	0.00	0.90
174	1.00	0.80	1.50	0.00	0.75	1.00	0.00	0.00	0.00	0.90	0.00
175	1.00	0.80	1.50	0.00	0.75	1.00	0.00	0.00	0.90	0.00	0.00
176	1.00	0.80	1.50	0.00	0.75	1.00	0.00	0.90	0.00	0.00	0.00
177	1.00	0.80	1.50	0.00	0.75	1.30	0.00	0.00	0.00	0.00	0.00
178	1.00	0.80	1.50	0.00	0.75	1.30	0.00	0.00	0.00	0.00	0.90
179	1.00	0.80	1.50	0.00	0.75	1.30	0.00	0.00	0.00	0.90	0.00
180	1.00	0.80	1.50	0.00	0.75	1.30	0.00	0.00	0.90	0.00	0.00
181	1.00	0.80	1.50	0.00	0.75	1.30	0.00	0.90	0.00	0.00	0.00
182	1.00	0.80	1.50	1.05	0.00	1.00	0.00	0.00	0.00	0.00	0.00
183	1.00	0.80	1.50	1.05	0.00	1.00	0.00	0.00	0.00	0.00	0.90
184	1.00	0.80	1.50	1.05	0.00	1.00	0.00	0.00	0.00	0.90	0.00
185	1.00	0.80	1.50	1.05	0.00	1.00	0.00	0.00	0.90	0.00	0.00
186	1.00	0.80	1.50	1.05	0.00	1.00	0.00	0.90	0.00	0.00	0.00
187	1.00	0.80	1.50	1.05	0.00	1.30	0.00	0.00	0.00	0.00	0.00
188	1.00	0.80	1.50	1.05	0.00	1.30	0.00	0.00	0.00	0.00	0.90



SLU: Non Sismica - Strutturale senza azioni geotecniche

Id <sub>Comb</sub>	CC 01	CC 02	CC 03	CC 04	CC 05	CC 06	CC 07	CC 08	CC 09	CC 10	CC 11
189	1.00	0.80	1.50	1.05	0.00	1.30	0.00	0.00	0.00	0.90	0.00
190	1.00	0.80	1.50	1.05	0.00	1.30	0.00	0.00	0.90	0.00	0.00
191	1.00	0.80	1.50	1.05	0.00	1.30	0.00	0.90	0.00	0.00	0.00
192	1.00	0.80	1.50	1.05	0.75	1.00	0.00	0.00	0.00	0.00	0.00
193	1.00	0.80	1.50	1.05	0.75	1.00	0.00	0.00	0.00	0.00	0.90
194	1.00	0.80	1.50	1.05	0.75	1.00	0.00	0.00	0.00	0.90	0.00
195	1.00	0.80	1.50	1.05	0.75	1.00	0.00	0.00	0.90	0.00	0.00
196	1.00	0.80	1.50	1.05	0.75	1.00	0.00	0.90	0.00	0.00	0.00
197	1.00	0.80	1.50	1.05	0.75	1.30	0.00	0.00	0.00	0.00	0.00
198	1.00	0.80	1.50	1.05	0.75	1.30	0.00	0.00	0.00	0.00	0.90
199	1.00	0.80	1.50	1.05	0.75	1.30	0.00	0.00	0.00	0.90	0.00
200	1.00	0.80	1.50	1.05	0.75	1.30	0.00	0.00	0.90	0.00	0.00
201	1.00	0.80	1.50	1.05	0.75	1.30	0.00	0.90	0.00	0.00	0.00
202	1.00	1.50	1.50	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
203	1.00	1.50	1.50	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.90
204	1.00	1.50	1.50	0.00	0.00	1.00	0.00	0.00	0.00	0.90	0.00
205	1.00	1.50	1.50	0.00	0.00	1.00	0.00	0.00	0.90	0.00	0.00
206	1.00	1.50	1.50	0.00	0.00	1.00	0.00	0.90	0.00	0.00	0.00
207	1.00	1.50	1.50	0.00	0.00	1.30	0.00	0.00	0.00	0.00	0.00
208	1.00	1.50	1.50	0.00	0.00	1.30	0.00	0.00	0.00	0.00	0.90
209	1.00	1.50	1.50	0.00	0.00	1.30	0.00	0.00	0.00	0.90	0.00
210	1.00	1.50	1.50	0.00	0.00	1.30	0.00	0.00	0.90	0.00	0.00
211	1.00	1.50	1.50	0.00	0.00	1.30	0.00	0.90	0.00	0.00	0.00
212	1.00	1.50	1.50	0.00	0.75	1.00	0.00	0.00	0.00	0.00	0.00
213	1.00	1.50	1.50	0.00	0.75	1.00	0.00	0.00	0.00	0.00	0.90
214	1.00	1.50	1.50	0.00	0.75	1.00	0.00	0.00	0.00	0.90	0.00
215	1.00	1.50	1.50	0.00	0.75	1.00	0.00	0.00	0.90	0.00	0.00
216	1.00	1.50	1.50	0.00	0.75	1.00	0.00	0.90	0.00	0.00	0.00
217	1.00	1.50	1.50	0.00	0.75	1.30	0.00	0.00	0.00	0.00	0.00
218	1.00	1.50	1.50	0.00	0.75	1.30	0.00	0.00	0.00	0.00	0.90
219	1.00	1.50	1.50	0.00	0.75	1.30	0.00	0.00	0.00	0.90	0.00
220	1.00	1.50	1.50	0.00	0.75	1.30	0.00	0.00	0.90	0.00	0.00
221	1.00	1.50	1.50	0.00	0.75	1.30	0.00	0.90	0.00	0.00	0.00
222	1.00	1.50	1.50	1.05	0.00	1.00	0.00	0.00	0.00	0.00	0.00
223	1.00	1.50	1.50	1.05	0.00	1.00	0.00	0.00	0.00	0.00	0.90
224	1.00	1.50	1.50	1.05	0.00	1.00	0.00	0.00	0.00	0.90	0.00
225	1.00	1.50	1.50	1.05	0.00	1.00	0.00	0.00	0.90	0.00	0.00
226	1.00	1.50	1.50	1.05	0.00	1.00	0.00	0.90	0.00	0.00	0.00
227	1.00	1.50	1.50	1.05	0.00	1.30	0.00	0.00	0.00	0.00	0.00
228	1.00	1.50	1.50	1.05	0.00	1.30	0.00	0.00	0.00	0.00	0.90
229	1.00	1.50	1.50	1.05	0.00	1.30	0.00	0.00	0.00	0.90	0.00
230	1.00	1.50	1.50	1.05	0.00	1.30	0.00	0.00	0.90	0.00	0.00
231	1.00	1.50	1.50	1.05	0.00	1.30	0.00	0.90	0.00	0.00	0.00
232	1.00	1.50	1.50	1.05	0.75	1.00	0.00	0.00	0.00	0.00	0.00
233	1.00	1.50	1.50	1.05	0.75	1.00	0.00	0.00	0.00	0.00	0.90
234	1.00	1.50	1.50	1.05	0.75	1.00	0.00	0.00	0.00	0.90	0.00
235	1.00	1.50	1.50	1.05	0.75	1.00	0.00	0.00	0.90	0.00	0.00
236	1.00	1.50	1.50	1.05	0.75	1.00	0.00	0.90	0.00	0.00	0.00
237	1.00	1.50	1.50	1.05	0.75	1.30	0.00	0.00	0.00	0.00	0.00
238	1.00	1.50	1.50	1.05	0.75	1.30	0.00	0.00	0.00	0.00	0.90
239	1.00	1.50	1.50	1.05	0.75	1.30	0.00	0.00	0.00	0.90	0.00
240	1.00	1.50	1.50	1.05	0.75	1.30	0.00	0.00	0.90	0.00	0.00
241	1.00	1.50	1.50	1.05	0.75	1.30	0.00	0.90	0.00	0.00	0.00
242	1.00	0.80	0.00	1.50	0.00	1.00	0.00	0.00	0.00	0.00	0.00
243	1.00	0.80	0.00	1.50	0.00	1.00	0.00	0.00	0.00	0.00	0.90
244	1.00	0.80	0.00	1.50	0.00	1.00	0.00	0.00	0.00	0.90	0.00
245	1.00	0.80	0.00	1.50	0.00	1.00	0.00	0.00	0.90	0.00	0.00
246	1.00	0.80	0.00	1.50	0.00	1.00	0.00	0.90	0.00	0.00	0.00
247	1.00	0.80	0.00	1.50	0.00	1.30	0.00	0.00	0.00	0.00	0.00
248	1.00	0.80	0.00	1.50	0.00	1.30	0.00	0.00	0.00	0.00	0.90
249	1.00	0.80	0.00	1.50	0.00	1.30	0.00	0.00	0.00	0.90	0.00
250	1.00	0.80	0.00	1.50	0.00	1.30	0.00	0.00	0.90	0.00	0.00
251	1.00	0.80	0.00	1.50	0.00	1.30	0.00	0.90	0.00	0.00	0.00
252	1.00	0.80	0.00	1.50	0.75	1.00	0.00	0.00	0.00	0.00	0.00
253	1.00	0.80	0.00	1.50	0.75	1.00	0.00	0.00	0.00	0.00	0.90
254	1.00	0.80	0.00	1.50	0.75	1.00	0.00	0.00	0.00	0.90	0.00



SLU: Non Sismica - Strutturale senza azioni geotecniche

Id <sub>Comb</sub>	CC 01	CC 02	CC 03	CC 04	CC 05	CC 06	CC 07	CC 08	CC 09	CC 10	CC 11
255	1.00	0.80	0.00	1.50	0.75	1.00	0.00	0.00	0.90	0.00	0.00
256	1.00	0.80	0.00	1.50	0.75	1.00	0.00	0.90	0.00	0.00	0.00
257	1.00	0.80	0.00	1.50	0.75	1.30	0.00	0.00	0.00	0.00	0.00
258	1.00	0.80	0.00	1.50	0.75	1.30	0.00	0.00	0.00	0.00	0.90
259	1.00	0.80	0.00	1.50	0.75	1.30	0.00	0.00	0.00	0.90	0.00
260	1.00	0.80	0.00	1.50	0.75	1.30	0.00	0.00	0.90	0.00	0.00
261	1.00	0.80	0.00	1.50	0.75	1.30	0.00	0.90	0.00	0.00	0.00
262	1.00	0.80	1.05	1.50	0.00	1.00	0.00	0.00	0.00	0.00	0.00
263	1.00	0.80	1.05	1.50	0.00	1.00	0.00	0.00	0.00	0.00	0.90
264	1.00	0.80	1.05	1.50	0.00	1.00	0.00	0.00	0.00	0.90	0.00
265	1.00	0.80	1.05	1.50	0.00	1.00	0.00	0.00	0.90	0.00	0.00
266	1.00	0.80	1.05	1.50	0.00	1.00	0.00	0.90	0.00	0.00	0.00
267	1.00	0.80	1.05	1.50	0.00	1.30	0.00	0.00	0.00	0.00	0.00
268	1.00	0.80	1.05	1.50	0.00	1.30	0.00	0.00	0.00	0.00	0.90
269	1.00	0.80	1.05	1.50	0.00	1.30	0.00	0.00	0.00	0.90	0.00
270	1.00	0.80	1.05	1.50	0.00	1.30	0.00	0.00	0.90	0.00	0.00
271	1.00	0.80	1.05	1.50	0.00	1.30	0.00	0.90	0.00	0.00	0.00
272	1.00	0.80	1.05	1.50	0.75	1.00	0.00	0.00	0.00	0.00	0.00
273	1.00	0.80	1.05	1.50	0.75	1.00	0.00	0.00	0.00	0.00	0.90
274	1.00	0.80	1.05	1.50	0.75	1.00	0.00	0.00	0.00	0.90	0.00
275	1.00	0.80	1.05	1.50	0.75	1.00	0.00	0.00	0.90	0.00	0.00
276	1.00	0.80	1.05	1.50	0.75	1.00	0.00	0.90	0.00	0.00	0.00
277	1.00	0.80	1.05	1.50	0.75	1.30	0.00	0.00	0.00	0.00	0.00
278	1.00	0.80	1.05	1.50	0.75	1.30	0.00	0.00	0.00	0.00	0.90
279	1.00	0.80	1.05	1.50	0.75	1.30	0.00	0.00	0.00	0.90	0.00
280	1.00	0.80	1.05	1.50	0.75	1.30	0.00	0.00	0.90	0.00	0.00
281	1.00	0.80	1.05	1.50	0.75	1.30	0.00	0.90	0.00	0.00	0.00
282	1.00	1.50	0.00	1.50	0.00	1.00	0.00	0.00	0.00	0.00	0.00
283	1.00	1.50	0.00	1.50	0.00	1.00	0.00	0.00	0.00	0.00	0.90
284	1.00	1.50	0.00	1.50	0.00	1.00	0.00	0.00	0.00	0.90	0.00
285	1.00	1.50	0.00	1.50	0.00	1.00	0.00	0.00	0.90	0.00	0.00
286	1.00	1.50	0.00	1.50	0.00	1.00	0.00	0.90	0.00	0.00	0.00
287	1.00	1.50	0.00	1.50	0.00	1.30	0.00	0.00	0.00	0.00	0.00
288	1.00	1.50	0.00	1.50	0.00	1.30	0.00	0.00	0.00	0.00	0.90
289	1.00	1.50	0.00	1.50	0.00	1.30	0.00	0.00	0.00	0.90	0.00
290	1.00	1.50	0.00	1.50	0.00	1.30	0.00	0.00	0.90	0.00	0.00
291	1.00	1.50	0.00	1.50	0.00	1.30	0.00	0.90	0.00	0.00	0.00
292	1.00	1.50	0.00	1.50	0.75	1.00	0.00	0.00	0.00	0.00	0.00
293	1.00	1.50	0.00	1.50	0.75	1.00	0.00	0.00	0.00	0.00	0.90
294	1.00	1.50	0.00	1.50	0.75	1.00	0.00	0.00	0.00	0.90	0.00
295	1.00	1.50	0.00	1.50	0.75	1.00	0.00	0.00	0.90	0.00	0.00
296	1.00	1.50	0.00	1.50	0.75	1.00	0.00	0.90	0.00	0.00	0.00
297	1.00	1.50	0.00	1.50	0.75	1.30	0.00	0.00	0.00	0.00	0.00
298	1.00	1.50	0.00	1.50	0.75	1.30	0.00	0.00	0.00	0.00	0.90
299	1.00	1.50	0.00	1.50	0.75	1.30	0.00	0.00	0.00	0.90	0.00
300	1.00	1.50	0.00	1.50	0.75	1.30	0.00	0.00	0.90	0.00	0.00
301	1.00	1.50	0.00	1.50	0.75	1.30	0.00	0.90	0.00	0.00	0.00
302	1.00	1.50	1.05	1.50	0.00	1.00	0.00	0.00	0.00	0.00	0.00
303	1.00	1.50	1.05	1.50	0.00	1.00	0.00	0.00	0.00	0.00	0.90
304	1.00	1.50	1.05	1.50	0.00	1.00	0.00	0.00	0.00	0.90	0.00
305	1.00	1.50	1.05	1.50	0.00	1.00	0.00	0.00	0.90	0.00	0.00
306	1.00	1.50	1.05	1.50	0.00	1.00	0.00	0.90	0.00	0.00	0.00
307	1.00	1.50	1.05	1.50	0.00	1.30	0.00	0.00	0.00	0.00	0.00
308	1.00	1.50	1.05	1.50	0.00	1.30	0.00	0.00	0.00	0.00	0.90
309	1.00	1.50	1.05	1.50	0.00	1.30	0.00	0.00	0.00	0.90	0.00
310	1.00	1.50	1.05	1.50	0.00	1.30	0.00	0.00	0.90	0.00	0.00
311	1.00	1.50	1.05	1.50	0.00	1.30	0.00	0.90	0.00	0.00	0.00
312	1.00	1.50	1.05	1.50	0.75	1.00	0.00	0.00	0.00	0.00	0.00
313	1.00	1.50	1.05	1.50	0.75	1.00	0.00	0.00	0.00	0.00	0.90
314	1.00	1.50	1.05	1.50	0.75	1.00	0.00	0.00	0.00	0.90	0.00
315	1.00	1.50	1.05	1.50	0.75	1.00	0.00	0.00	0.90	0.00	0.00
316	1.00	1.50	1.05	1.50	0.75	1.00	0.00	0.90	0.00	0.00	0.00
317	1.00	1.50	1.05	1.50	0.75	1.30	0.00	0.00	0.00	0.00	0.00
318	1.00	1.50	1.05	1.50	0.75	1.30	0.00	0.00	0.00	0.00	0.90
319	1.00	1.50	1.05	1.50	0.75	1.30	0.00	0.00	0.00	0.90	0.00
320	1.00	1.50	1.05	1.50	0.75	1.30	0.00	0.00	0.90	0.00	0.00



SLU: Non Sismica - Strutturale senza azioni geotecniche

Id <sub>Comb</sub>	CC 01	CC 02	CC 03	CC 04	CC 05	CC 06	CC 07	CC 08	CC 09	CC 10	CC 11
321	1.00	1.50	1.05	1.50	0.75	1.30	0.00	0.90	0.00	0.00	0.00
322	1.00	0.80	0.00	0.00	1.50	1.00	0.00	0.00	0.00	0.00	0.00
323	1.00	0.80	0.00	0.00	1.50	1.00	0.00	0.00	0.00	0.00	0.90
324	1.00	0.80	0.00	0.00	1.50	1.00	0.00	0.00	0.00	0.90	0.00
325	1.00	0.80	0.00	0.00	1.50	1.00	0.00	0.00	0.90	0.00	0.00
326	1.00	0.80	0.00	0.00	1.50	1.00	0.00	0.90	0.00	0.00	0.00
327	1.00	0.80	0.00	0.00	1.50	1.30	0.00	0.00	0.00	0.00	0.00
328	1.00	0.80	0.00	0.00	1.50	1.30	0.00	0.00	0.00	0.00	0.90
329	1.00	0.80	0.00	0.00	1.50	1.30	0.00	0.00	0.00	0.90	0.00
330	1.00	0.80	0.00	0.00	1.50	1.30	0.00	0.00	0.90	0.00	0.00
331	1.00	0.80	0.00	0.00	1.50	1.30	0.00	0.90	0.00	0.00	0.00
332	1.00	0.80	0.00	1.05	1.50	1.00	0.00	0.00	0.00	0.00	0.00
333	1.00	0.80	0.00	1.05	1.50	1.00	0.00	0.00	0.00	0.00	0.90
334	1.00	0.80	0.00	1.05	1.50	1.00	0.00	0.00	0.00	0.90	0.00
335	1.00	0.80	0.00	1.05	1.50	1.00	0.00	0.00	0.90	0.00	0.00
336	1.00	0.80	0.00	1.05	1.50	1.00	0.00	0.90	0.00	0.00	0.00
337	1.00	0.80	0.00	1.05	1.50	1.30	0.00	0.00	0.00	0.00	0.00
338	1.00	0.80	0.00	1.05	1.50	1.30	0.00	0.00	0.00	0.00	0.90
339	1.00	0.80	0.00	1.05	1.50	1.30	0.00	0.00	0.00	0.90	0.00
340	1.00	0.80	0.00	1.05	1.50	1.30	0.00	0.00	0.90	0.00	0.00
341	1.00	0.80	0.00	1.05	1.50	1.30	0.00	0.90	0.00	0.00	0.00
342	1.00	0.80	1.05	0.00	1.50	1.00	0.00	0.00	0.00	0.00	0.00
343	1.00	0.80	1.05	0.00	1.50	1.00	0.00	0.00	0.00	0.00	0.90
344	1.00	0.80	1.05	0.00	1.50	1.00	0.00	0.00	0.00	0.90	0.00
345	1.00	0.80	1.05	0.00	1.50	1.00	0.00	0.00	0.90	0.00	0.00
346	1.00	0.80	1.05	0.00	1.50	1.00	0.00	0.90	0.00	0.00	0.00
347	1.00	0.80	1.05	0.00	1.50	1.30	0.00	0.00	0.00	0.00	0.00
348	1.00	0.80	1.05	0.00	1.50	1.30	0.00	0.00	0.00	0.00	0.90
349	1.00	0.80	1.05	0.00	1.50	1.30	0.00	0.00	0.00	0.90	0.00
350	1.00	0.80	1.05	0.00	1.50	1.30	0.00	0.00	0.90	0.00	0.00
351	1.00	0.80	1.05	0.00	1.50	1.30	0.00	0.90	0.00	0.00	0.00
352	1.00	0.80	1.05	1.05	1.50	1.00	0.00	0.00	0.00	0.00	0.00
353	1.00	0.80	1.05	1.05	1.50	1.00	0.00	0.00	0.00	0.00	0.90
354	1.00	0.80	1.05	1.05	1.50	1.00	0.00	0.00	0.00	0.90	0.00
355	1.00	0.80	1.05	1.05	1.50	1.00	0.00	0.00	0.90	0.00	0.00
356	1.00	0.80	1.05	1.05	1.50	1.00	0.00	0.90	0.00	0.00	0.00
357	1.00	0.80	1.05	1.05	1.50	1.30	0.00	0.00	0.00	0.00	0.00
358	1.00	0.80	1.05	1.05	1.50	1.30	0.00	0.00	0.00	0.00	0.90
359	1.00	0.80	1.05	1.05	1.50	1.30	0.00	0.00	0.00	0.90	0.00
360	1.00	0.80	1.05	1.05	1.50	1.30	0.00	0.00	0.90	0.00	0.00
361	1.00	0.80	1.05	1.05	1.50	1.30	0.00	0.90	0.00	0.00	0.00
362	1.00	1.50	0.00	0.00	1.50	1.00	0.00	0.00	0.00	0.00	0.00
363	1.00	1.50	0.00	0.00	1.50	1.00	0.00	0.00	0.00	0.00	0.90
364	1.00	1.50	0.00	0.00	1.50	1.00	0.00	0.00	0.00	0.90	0.00
365	1.00	1.50	0.00	0.00	1.50	1.00	0.00	0.00	0.90	0.00	0.00
366	1.00	1.50	0.00	0.00	1.50	1.00	0.00	0.90	0.00	0.00	0.00
367	1.00	1.50	0.00	0.00	1.50	1.30	0.00	0.00	0.00	0.00	0.00
368	1.00	1.50	0.00	0.00	1.50	1.30	0.00	0.00	0.00	0.00	0.90
369	1.00	1.50	0.00	0.00	1.50	1.30	0.00	0.00	0.00	0.90	0.00
370	1.00	1.50	0.00	0.00	1.50	1.30	0.00	0.00	0.90	0.00	0.00
371	1.00	1.50	0.00	0.00	1.50	1.30	0.00	0.90	0.00	0.00	0.00
372	1.00	1.50	0.00	1.05	1.50	1.00	0.00	0.00	0.00	0.00	0.00
373	1.00	1.50	0.00	1.05	1.50	1.00	0.00	0.00	0.00	0.00	0.90
374	1.00	1.50	0.00	1.05	1.50	1.00	0.00	0.00	0.00	0.90	0.00
375	1.00	1.50	0.00	1.05	1.50	1.00	0.00	0.00	0.90	0.00	0.00
376	1.00	1.50	0.00	1.05	1.50	1.00	0.00	0.90	0.00	0.00	0.00
377	1.00	1.50	0.00	1.05	1.50	1.30	0.00	0.00	0.00	0.00	0.00
378	1.00	1.50	0.00	1.05	1.50	1.30	0.00	0.00	0.00	0.00	0.90
379	1.00	1.50	0.00	1.05	1.50	1.30	0.00	0.00	0.00	0.90	0.00
380	1.00	1.50	0.00	1.05	1.50	1.30	0.00	0.00	0.90	0.00	0.00
381	1.00	1.50	0.00	1.05	1.50	1.30	0.00	0.90	0.00	0.00	0.00
382	1.00	1.50	1.05	0.00	1.50	1.00	0.00	0.00	0.00	0.00	0.00
383	1.00	1.50	1.05	0.00	1.50	1.00	0.00	0.00	0.00	0.00	0.90
384	1.00	1.50	1.05	0.00	1.50	1.00	0.00	0.00	0.00	0.90	0.00
385	1.00	1.50	1.05	0.00	1.50	1.00	0.00	0.00	0.90	0.00	0.00
386	1.00	1.50	1.05	0.00	1.50	1.00	0.00	0.90	0.00	0.00	0.00



SLU: Non Sismica - Strutturale senza azioni geotecniche

Id <sub>Comb</sub>	CC 01	CC 02	CC 03	CC 04	CC 05	CC 06	CC 07	CC 08	CC 09	CC 10	CC 11
387	1.00	1.50	1.05	0.00	1.50	1.30	0.00	0.00	0.00	0.00	0.00
388	1.00	1.50	1.05	0.00	1.50	1.30	0.00	0.00	0.00	0.00	0.90
389	1.00	1.50	1.05	0.00	1.50	1.30	0.00	0.00	0.00	0.90	0.00
390	1.00	1.50	1.05	0.00	1.50	1.30	0.00	0.00	0.90	0.00	0.00
391	1.00	1.50	1.05	0.00	1.50	1.30	0.00	0.90	0.00	0.00	0.00
392	1.00	1.50	1.05	1.05	1.50	1.00	0.00	0.00	0.00	0.00	0.00
393	1.00	1.50	1.05	1.05	1.50	1.00	0.00	0.00	0.00	0.00	0.90
394	1.00	1.50	1.05	1.05	1.50	1.00	0.00	0.00	0.00	0.90	0.00
395	1.00	1.50	1.05	1.05	1.50	1.00	0.00	0.00	0.90	0.00	0.00
396	1.00	1.50	1.05	1.05	1.50	1.00	0.00	0.90	0.00	0.00	0.00
397	1.00	1.50	1.05	1.05	1.50	1.30	0.00	0.00	0.00	0.00	0.00
398	1.00	1.50	1.05	1.05	1.50	1.30	0.00	0.00	0.00	0.00	0.90
399	1.00	1.50	1.05	1.05	1.50	1.30	0.00	0.00	0.00	0.90	0.00
400	1.00	1.50	1.05	1.05	1.50	1.30	0.00	0.00	0.90	0.00	0.00
401	1.00	1.50	1.05	1.05	1.50	1.30	0.00	0.90	0.00	0.00	0.00
402	1.00	0.80	0.00	0.00	0.00	1.00	0.00	1.50	0.00	0.00	0.00
403	1.00	0.80	0.00	0.00	0.00	1.30	0.00	1.50	0.00	0.00	0.00
404	1.00	0.80	0.00	0.00	0.75	1.00	0.00	1.50	0.00	0.00	0.00
405	1.00	0.80	0.00	0.00	0.75	1.30	0.00	1.50	0.00	0.00	0.00
406	1.00	0.80	0.00	1.05	0.00	1.00	0.00	1.50	0.00	0.00	0.00
407	1.00	0.80	0.00	1.05	0.00	1.30	0.00	1.50	0.00	0.00	0.00
408	1.00	0.80	0.00	1.05	0.75	1.00	0.00	1.50	0.00	0.00	0.00
409	1.00	0.80	0.00	1.05	0.75	1.30	0.00	1.50	0.00	0.00	0.00
410	1.00	0.80	1.05	0.00	0.00	1.00	0.00	1.50	0.00	0.00	0.00
411	1.00	0.80	1.05	0.00	0.00	1.30	0.00	1.50	0.00	0.00	0.00
412	1.00	0.80	1.05	0.00	0.75	1.00	0.00	1.50	0.00	0.00	0.00
413	1.00	0.80	1.05	0.00	0.75	1.30	0.00	1.50	0.00	0.00	0.00
414	1.00	0.80	1.05	1.05	0.00	1.00	0.00	1.50	0.00	0.00	0.00
415	1.00	0.80	1.05	1.05	0.00	1.30	0.00	1.50	0.00	0.00	0.00
416	1.00	0.80	1.05	1.05	0.75	1.00	0.00	1.50	0.00	0.00	0.00
417	1.00	0.80	1.05	1.05	0.75	1.30	0.00	1.50	0.00	0.00	0.00
418	1.00	1.50	0.00	0.00	0.00	1.00	0.00	1.50	0.00	0.00	0.00
419	1.00	1.50	0.00	0.00	0.00	1.30	0.00	1.50	0.00	0.00	0.00
420	1.00	1.50	0.00	0.00	0.75	1.00	0.00	1.50	0.00	0.00	0.00
421	1.00	1.50	0.00	0.00	0.75	1.30	0.00	1.50	0.00	0.00	0.00
422	1.00	1.50	0.00	1.05	0.00	1.00	0.00	1.50	0.00	0.00	0.00
423	1.00	1.50	0.00	1.05	0.00	1.30	0.00	1.50	0.00	0.00	0.00
424	1.00	1.50	0.00	1.05	0.75	1.00	0.00	1.50	0.00	0.00	0.00
425	1.00	1.50	0.00	1.05	0.75	1.30	0.00	1.50	0.00	0.00	0.00
426	1.00	1.50	1.05	0.00	0.00	1.00	0.00	1.50	0.00	0.00	0.00
427	1.00	1.50	1.05	0.00	0.00	1.30	0.00	1.50	0.00	0.00	0.00
428	1.00	1.50	1.05	0.00	0.75	1.00	0.00	1.50	0.00	0.00	0.00
429	1.00	1.50	1.05	0.00	0.75	1.30	0.00	1.50	0.00	0.00	0.00
430	1.00	1.50	1.05	1.05	0.00	1.00	0.00	1.50	0.00	0.00	0.00
431	1.00	1.50	1.05	1.05	0.00	1.30	0.00	1.50	0.00	0.00	0.00
432	1.00	1.50	1.05	1.05	0.75	1.00	0.00	1.50	0.00	0.00	0.00
433	1.00	1.50	1.05	1.05	0.75	1.30	0.00	1.50	0.00	0.00	0.00
434	1.00	0.80	0.00	0.00	0.00	1.00	0.00	0.00	1.50	0.00	0.00
435	1.00	0.80	0.00	0.00	0.00	1.30	0.00	0.00	1.50	0.00	0.00
436	1.00	0.80	0.00	0.00	0.75	1.00	0.00	0.00	1.50	0.00	0.00
437	1.00	0.80	0.00	0.00	0.75	1.30	0.00	0.00	1.50	0.00	0.00
438	1.00	0.80	0.00	1.05	0.00	1.00	0.00	0.00	1.50	0.00	0.00
439	1.00	0.80	0.00	1.05	0.00	1.30	0.00	0.00	1.50	0.00	0.00
440	1.00	0.80	0.00	1.05	0.75	1.00	0.00	0.00	1.50	0.00	0.00
441	1.00	0.80	0.00	1.05	0.75	1.30	0.00	0.00	1.50	0.00	0.00
442	1.00	0.80	1.05	0.00	0.00	1.00	0.00	0.00	1.50	0.00	0.00
443	1.00	0.80	1.05	0.00	0.00	1.30	0.00	0.00	1.50	0.00	0.00
444	1.00	0.80	1.05	0.00	0.75	1.00	0.00	0.00	1.50	0.00	0.00
445	1.00	0.80	1.05	0.00	0.75	1.30	0.00	0.00	1.50	0.00	0.00
446	1.00	0.80	1.05	1.05	0.00	1.00	0.00	0.00	1.50	0.00	0.00
447	1.00	0.80	1.05	1.05	0.00	1.30	0.00	0.00	1.50	0.00	0.00
448	1.00	0.80	1.05	1.05	0.75	1.00	0.00	0.00	1.50	0.00	0.00
449	1.00	0.80	1.05	1.05	0.75	1.30	0.00	0.00	1.50	0.00	0.00
450	1.00	1.50	0.00	0.00	0.00	1.00	0.00	0.00	1.50	0.00	0.00
451	1.00	1.50	0.00	0.00	0.00	1.30	0.00	0.00	1.50	0.00	0.00
452	1.00	1.50	0.00	0.00	0.75	1.00	0.00	0.00	1.50	0.00	0.00



SLU: Non Sismica - Strutturale senza azioni geotecniche

Id <sub>Comb</sub>	CC 01	CC 02	CC 03	CC 04	CC 05	CC 06	CC 07	CC 08	CC 09	CC 10	CC 11
453	1.00	1.50	0.00	0.00	0.75	1.30	0.00	0.00	1.50	0.00	0.00
454	1.00	1.50	0.00	1.05	0.00	1.00	0.00	0.00	1.50	0.00	0.00
455	1.00	1.50	0.00	1.05	0.00	1.30	0.00	0.00	1.50	0.00	0.00
456	1.00	1.50	0.00	1.05	0.75	1.00	0.00	0.00	1.50	0.00	0.00
457	1.00	1.50	0.00	1.05	0.75	1.30	0.00	0.00	1.50	0.00	0.00
458	1.00	1.50	1.05	0.00	0.00	1.00	0.00	0.00	1.50	0.00	0.00
459	1.00	1.50	1.05	0.00	0.00	1.30	0.00	0.00	1.50	0.00	0.00
460	1.00	1.50	1.05	0.00	0.75	1.00	0.00	0.00	1.50	0.00	0.00
461	1.00	1.50	1.05	0.00	0.75	1.30	0.00	0.00	1.50	0.00	0.00
462	1.00	1.50	1.05	1.05	0.00	1.00	0.00	0.00	1.50	0.00	0.00
463	1.00	1.50	1.05	1.05	0.00	1.30	0.00	0.00	1.50	0.00	0.00
464	1.00	1.50	1.05	1.05	0.75	1.00	0.00	0.00	1.50	0.00	0.00
465	1.00	1.50	1.05	1.05	0.75	1.30	0.00	0.00	1.50	0.00	0.00
466	1.00	0.80	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.50	0.00
467	1.00	0.80	0.00	0.00	0.00	1.30	0.00	0.00	0.00	1.50	0.00
468	1.00	0.80	0.00	0.00	0.75	1.00	0.00	0.00	0.00	1.50	0.00
469	1.00	0.80	0.00	0.00	0.75	1.30	0.00	0.00	0.00	1.50	0.00
470	1.00	0.80	0.00	1.05	0.00	1.00	0.00	0.00	0.00	1.50	0.00
471	1.00	0.80	0.00	1.05	0.00	1.30	0.00	0.00	0.00	1.50	0.00
472	1.00	0.80	0.00	1.05	0.75	1.00	0.00	0.00	0.00	1.50	0.00
473	1.00	0.80	0.00	1.05	0.75	1.30	0.00	0.00	0.00	1.50	0.00
474	1.00	0.80	1.05	0.00	0.00	1.00	0.00	0.00	0.00	1.50	0.00
475	1.00	0.80	1.05	0.00	0.00	1.30	0.00	0.00	0.00	1.50	0.00
476	1.00	0.80	1.05	0.00	0.75	1.00	0.00	0.00	0.00	1.50	0.00
477	1.00	0.80	1.05	0.00	0.75	1.30	0.00	0.00	0.00	1.50	0.00
478	1.00	0.80	1.05	1.05	0.00	1.00	0.00	0.00	0.00	1.50	0.00
479	1.00	0.80	1.05	1.05	0.00	1.30	0.00	0.00	0.00	1.50	0.00
480	1.00	0.80	1.05	1.05	0.75	1.00	0.00	0.00	0.00	1.50	0.00
481	1.00	0.80	1.05	1.05	0.75	1.30	0.00	0.00	0.00	1.50	0.00
482	1.00	1.50	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.50	0.00
483	1.00	1.50	0.00	0.00	0.00	1.30	0.00	0.00	0.00	1.50	0.00
484	1.00	1.50	0.00	0.00	0.75	1.00	0.00	0.00	0.00	1.50	0.00
485	1.00	1.50	0.00	0.00	0.75	1.30	0.00	0.00	0.00	1.50	0.00
486	1.00	1.50	0.00	1.05	0.00	1.00	0.00	0.00	0.00	1.50	0.00
487	1.00	1.50	0.00	1.05	0.00	1.30	0.00	0.00	0.00	1.50	0.00
488	1.00	1.50	0.00	1.05	0.75	1.00	0.00	0.00	0.00	1.50	0.00
489	1.00	1.50	0.00	1.05	0.75	1.30	0.00	0.00	0.00	1.50	0.00
490	1.00	1.50	1.05	0.00	0.00	1.00	0.00	0.00	0.00	1.50	0.00
491	1.00	1.50	1.05	0.00	0.00	1.30	0.00	0.00	0.00	1.50	0.00
492	1.00	1.50	1.05	0.00	0.75	1.00	0.00	0.00	0.00	1.50	0.00
493	1.00	1.50	1.05	0.00	0.75	1.30	0.00	0.00	0.00	1.50	0.00
494	1.00	1.50	1.05	1.05	0.00	1.00	0.00	0.00	0.00	1.50	0.00
495	1.00	1.50	1.05	1.05	0.00	1.30	0.00	0.00	0.00	1.50	0.00
496	1.00	1.50	1.05	1.05	0.75	1.00	0.00	0.00	0.00	1.50	0.00
497	1.00	1.50	1.05	1.05	0.75	1.30	0.00	0.00	0.00	1.50	0.00
498	1.00	0.80	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.50
499	1.00	0.80	0.00	0.00	0.00	1.30	0.00	0.00	0.00	0.00	1.50
500	1.00	0.80	0.00	0.00	0.75	1.00	0.00	0.00	0.00	0.00	1.50
501	1.00	0.80	0.00	0.00	0.75	1.30	0.00	0.00	0.00	0.00	1.50
502	1.00	0.80	0.00	1.05	0.00	1.00	0.00	0.00	0.00	0.00	1.50
503	1.00	0.80	0.00	1.05	0.00	1.30	0.00	0.00	0.00	0.00	1.50
504	1.00	0.80	0.00	1.05	0.75	1.00	0.00	0.00	0.00	0.00	1.50
505	1.00	0.80	0.00	1.05	0.75	1.30	0.00	0.00	0.00	0.00	1.50
506	1.00	0.80	1.05	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.50
507	1.00	0.80	1.05	0.00	0.00	1.30	0.00	0.00	0.00	0.00	1.50
508	1.00	0.80	1.05	0.00	0.75	1.00	0.00	0.00	0.00	0.00	1.50
509	1.00	0.80	1.05	0.00	0.75	1.30	0.00	0.00	0.00	0.00	1.50
510	1.00	0.80	1.05	1.05	0.00	1.00	0.00	0.00	0.00	0.00	1.50
511	1.00	0.80	1.05	1.05	0.00	1.30	0.00	0.00	0.00	0.00	1.50
512	1.00	0.80	1.05	1.05	0.75	1.00	0.00	0.00	0.00	0.00	1.50
513	1.00	0.80	1.05	1.05	0.75	1.30	0.00	0.00	0.00	0.00	1.50
514	1.00	1.50	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.50
515	1.00	1.50	0.00	0.00	0.00	1.30	0.00	0.00	0.00	0.00	1.50
516	1.00	1.50	0.00	0.00	0.75	1.00	0.00	0.00	0.00	0.00	1.50
517	1.00	1.50	0.00	0.00	0.75	1.30	0.00	0.00	0.00	0.00	1.50
518	1.00	1.50	0.00	1.05	0.00	1.00	0.00	0.00	0.00	0.00	1.50





# FSC

Fondo per lo Sviluppo  
e la Coesione



## SLU: Non Sismica - Strutturale senza azioni geotecniche

Id <sub>Comb</sub>	CC 01	CC 02	CC 03	CC 04	CC 05	CC 06	CC 07	CC 08	CC 09	CC 10	CC 11
519	1.00	1.50	0.00	1.05	0.00	1.30	0.00	0.00	0.00	0.00	1.50
520	1.00	1.50	0.00	1.05	0.75	1.00	0.00	0.00	0.00	0.00	1.50
521	1.00	1.50	0.00	1.05	0.75	1.30	0.00	0.00	0.00	0.00	1.50
522	1.00	1.50	1.05	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.50
523	1.00	1.50	1.05	0.00	0.00	1.30	0.00	0.00	0.00	0.00	1.50
524	1.00	1.50	1.05	0.00	0.75	1.00	0.00	0.00	0.00	0.00	1.50
525	1.00	1.50	1.05	0.00	0.75	1.30	0.00	0.00	0.00	0.00	1.50
526	1.00	1.50	1.05	1.05	0.00	1.00	0.00	0.00	0.00	0.00	1.50
527	1.00	1.50	1.05	1.05	0.00	1.30	0.00	0.00	0.00	0.00	1.50
528	1.00	1.50	1.05	1.05	0.75	1.00	0.00	0.00	0.00	0.00	1.50
529	1.00	1.50	1.05	1.05	0.75	1.30	0.00	0.00	0.00	0.00	1.50
530	1.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
531	1.30	0.80	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
532	1.30	0.80	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.90
533	1.30	0.80	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.90	0.00
534	1.30	0.80	0.00	0.00	0.00	1.00	0.00	0.00	0.90	0.00	0.00
535	1.30	0.80	0.00	0.00	0.00	1.00	0.00	0.90	0.00	0.00	0.00
536	1.30	0.80	0.00	0.00	0.00	1.30	0.00	0.00	0.00	0.00	0.00
537	1.30	0.80	0.00	0.00	0.00	1.30	0.00	0.00	0.00	0.00	0.90
538	1.30	0.80	0.00	0.00	0.00	1.30	0.00	0.00	0.00	0.90	0.00
539	1.30	0.80	0.00	0.00	0.00	1.30	0.00	0.00	0.90	0.00	0.00
540	1.30	0.80	0.00	0.00	0.00	1.30	0.00	0.90	0.00	0.00	0.00
541	1.30	0.80	0.00	0.00	0.75	1.00	0.00	0.00	0.00	0.00	0.00
542	1.30	0.80	0.00	0.00	0.75	1.00	0.00	0.00	0.00	0.00	0.90
543	1.30	0.80	0.00	0.00	0.75	1.00	0.00	0.00	0.00	0.90	0.00
544	1.30	0.80	0.00	0.00	0.75	1.00	0.00	0.00	0.90	0.00	0.00
545	1.30	0.80	0.00	0.00	0.75	1.00	0.00	0.90	0.00	0.00	0.00
546	1.30	0.80	0.00	0.00	0.75	1.30	0.00	0.00	0.00	0.00	0.00
547	1.30	0.80	0.00	0.00	0.75	1.30	0.00	0.00	0.00	0.00	0.90
548	1.30	0.80	0.00	0.00	0.75	1.30	0.00	0.00	0.00	0.90	0.00
549	1.30	0.80	0.00	0.00	0.75	1.30	0.00	0.00	0.90	0.00	0.00
550	1.30	0.80	0.00	0.00	0.75	1.30	0.00	0.90	0.00	0.00	0.00
551	1.30	0.80	0.00	1.05	0.00	1.00	0.00	0.00	0.00	0.00	0.00
552	1.30	0.80	0.00	1.05	0.00	1.00	0.00	0.00	0.00	0.00	0.90
553	1.30	0.80	0.00	1.05	0.00	1.00	0.00	0.00	0.00	0.90	0.00
554	1.30	0.80	0.00	1.05	0.00	1.00	0.00	0.00	0.90	0.00	0.00
555	1.30	0.80	0.00	1.05	0.00	1.00	0.00	0.90	0.00	0.00	0.00
556	1.30	0.80	0.00	1.05	0.00	1.30	0.00	0.00	0.00	0.00	0.00
557	1.30	0.80	0.00	1.05	0.00	1.30	0.00	0.00	0.00	0.00	0.90
558	1.30	0.80	0.00	1.05	0.00	1.30	0.00	0.00	0.00	0.90	0.00
559	1.30	0.80	0.00	1.05	0.00	1.30	0.00	0.00	0.90	0.00	0.00
560	1.30	0.80	0.00	1.05	0.00	1.30	0.00	0.90	0.00	0.00	0.00
561	1.30	0.80	0.00	1.05	0.75	1.00	0.00	0.00	0.00	0.00	0.00
562	1.30	0.80	0.00	1.05	0.75	1.00	0.00	0.00	0.00	0.00	0.90
563	1.30	0.80	0.00	1.05	0.75	1.00	0.00	0.00	0.00	0.90	0.00
564	1.30	0.80	0.00	1.05	0.75	1.00	0.00	0.00	0.90	0.00	0.00
565	1.30	0.80	0.00	1.05	0.75	1.00	0.00	0.90	0.00	0.00	0.00
566	1.30	0.80	0.00	1.05	0.75	1.30	0.00	0.00	0.00	0.00	0.00
567	1.30	0.80	0.00	1.05	0.75	1.30	0.00	0.00	0.00	0.00	0.90
568	1.30	0.80	0.00	1.05	0.75	1.30	0.00	0.00	0.00	0.90	0.00
569	1.30	0.80	0.00	1.05	0.75	1.30	0.00	0.00	0.90	0.00	0.00
570	1.30	0.80	0.00	1.05	0.75	1.30	0.00	0.90	0.00	0.00	0.00
571	1.30	0.80	1.05	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
572	1.30	0.80	1.05	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.90
573	1.30	0.80	1.05	0.00	0.00	1.00	0.00	0.00	0.00	0.90	0.00
574	1.30	0.80	1.05	0.00	0.00	1.00	0.00	0.00	0.90	0.00	0.00
575	1.30	0.80	1.05	0.00	0.00	1.00	0.00	0.90	0.00	0.00	0.00
576	1.30	0.80	1.05	0.00	0.00	1.30	0.00	0.00	0.00	0.00	0.00
577	1.30	0.80	1.05	0.00	0.00	1.30	0.00	0.00	0.00	0.00	0.90
578	1.30	0.80	1.05	0.00	0.00	1.30	0.00	0.00	0.00	0.90	0.00
579	1.30	0.80	1.05	0.00	0.00	1.30	0.00	0.00	0.90	0.00	0.00
580	1.30	0.80	1.05	0.00	0.00	1.30	0.00	0.90	0.00	0.00	0.00
581	1.30	0.80	1.05	0.00	0.75	1.00	0.00	0.00	0.00	0.00	0.00
582	1.30	0.80	1.05	0.00	0.75	1.00	0.00	0.00	0.00	0.00	0.90
583	1.30	0.80	1.05	0.00	0.75	1.00	0.00	0.00	0.00	0.90	0.00
584	1.30	0.80	1.05	0.00	0.75	1.00	0.00	0.00	0.90	0.00	0.00



SLU: Non Sismica - Strutturale senza azioni geotecniche

Id <sub>Comb</sub>	CC 01	CC 02	CC 03	CC 04	CC 05	CC 06	CC 07	CC 08	CC 09	CC 10	CC 11
585	1.30	0.80	1.05	0.00	0.75	1.00	0.00	0.90	0.00	0.00	0.00
586	1.30	0.80	1.05	0.00	0.75	1.30	0.00	0.00	0.00	0.00	0.00
587	1.30	0.80	1.05	0.00	0.75	1.30	0.00	0.00	0.00	0.00	0.90
588	1.30	0.80	1.05	0.00	0.75	1.30	0.00	0.00	0.00	0.90	0.00
589	1.30	0.80	1.05	0.00	0.75	1.30	0.00	0.00	0.90	0.00	0.00
590	1.30	0.80	1.05	0.00	0.75	1.30	0.00	0.90	0.00	0.00	0.00
591	1.30	0.80	1.05	1.05	0.00	1.00	0.00	0.00	0.00	0.00	0.00
592	1.30	0.80	1.05	1.05	0.00	1.00	0.00	0.00	0.00	0.00	0.90
593	1.30	0.80	1.05	1.05	0.00	1.00	0.00	0.00	0.00	0.90	0.00
594	1.30	0.80	1.05	1.05	0.00	1.00	0.00	0.00	0.90	0.00	0.00
595	1.30	0.80	1.05	1.05	0.00	1.00	0.00	0.90	0.00	0.00	0.00
596	1.30	0.80	1.05	1.05	0.00	1.30	0.00	0.00	0.00	0.00	0.00
597	1.30	0.80	1.05	1.05	0.00	1.30	0.00	0.00	0.00	0.00	0.90
598	1.30	0.80	1.05	1.05	0.00	1.30	0.00	0.00	0.00	0.90	0.00
599	1.30	0.80	1.05	1.05	0.00	1.30	0.00	0.00	0.90	0.00	0.00
600	1.30	0.80	1.05	1.05	0.00	1.30	0.00	0.90	0.00	0.00	0.00
601	1.30	0.80	1.05	1.05	0.75	1.00	0.00	0.00	0.00	0.00	0.00
602	1.30	0.80	1.05	1.05	0.75	1.00	0.00	0.00	0.00	0.00	0.90
603	1.30	0.80	1.05	1.05	0.75	1.00	0.00	0.00	0.00	0.90	0.00
604	1.30	0.80	1.05	1.05	0.75	1.00	0.00	0.00	0.90	0.00	0.00
605	1.30	0.80	1.05	1.05	0.75	1.00	0.00	0.90	0.00	0.00	0.00
606	1.30	0.80	1.05	1.05	0.75	1.30	0.00	0.00	0.00	0.00	0.00
607	1.30	0.80	1.05	1.05	0.75	1.30	0.00	0.00	0.00	0.00	0.90
608	1.30	0.80	1.05	1.05	0.75	1.30	0.00	0.00	0.00	0.90	0.00
609	1.30	0.80	1.05	1.05	0.75	1.30	0.00	0.00	0.90	0.00	0.00
610	1.30	0.80	1.05	1.05	0.75	1.30	0.00	0.90	0.00	0.00	0.00
611	1.30	1.50	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
612	1.30	1.50	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.90
613	1.30	1.50	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.90	0.00
614	1.30	1.50	0.00	0.00	0.00	1.00	0.00	0.00	0.90	0.00	0.00
615	1.30	1.50	0.00	0.00	0.00	1.00	0.00	0.90	0.00	0.00	0.00
616	1.30	1.50	0.00	0.00	0.00	1.30	0.00	0.00	0.00	0.00	0.00
617	1.30	1.50	0.00	0.00	0.00	1.30	0.00	0.00	0.00	0.00	0.90
618	1.30	1.50	0.00	0.00	0.00	1.30	0.00	0.00	0.00	0.90	0.00
619	1.30	1.50	0.00	0.00	0.00	1.30	0.00	0.00	0.90	0.00	0.00
620	1.30	1.50	0.00	0.00	0.00	1.30	0.00	0.90	0.00	0.00	0.00
621	1.30	1.50	0.00	0.00	0.75	1.00	0.00	0.00	0.00	0.00	0.00
622	1.30	1.50	0.00	0.00	0.75	1.00	0.00	0.00	0.00	0.00	0.90
623	1.30	1.50	0.00	0.00	0.75	1.00	0.00	0.00	0.00	0.90	0.00
624	1.30	1.50	0.00	0.00	0.75	1.00	0.00	0.00	0.90	0.00	0.00
625	1.30	1.50	0.00	0.00	0.75	1.00	0.00	0.90	0.00	0.00	0.00
626	1.30	1.50	0.00	0.00	0.75	1.30	0.00	0.00	0.00	0.00	0.00
627	1.30	1.50	0.00	0.00	0.75	1.30	0.00	0.00	0.00	0.00	0.90
628	1.30	1.50	0.00	0.00	0.75	1.30	0.00	0.00	0.00	0.90	0.00
629	1.30	1.50	0.00	0.00	0.75	1.30	0.00	0.00	0.90	0.00	0.00
630	1.30	1.50	0.00	0.00	0.75	1.30	0.00	0.90	0.00	0.00	0.00
631	1.30	1.50	0.00	1.05	0.00	1.00	0.00	0.00	0.00	0.00	0.00
632	1.30	1.50	0.00	1.05	0.00	1.00	0.00	0.00	0.00	0.00	0.90
633	1.30	1.50	0.00	1.05	0.00	1.00	0.00	0.00	0.00	0.90	0.00
634	1.30	1.50	0.00	1.05	0.00	1.00	0.00	0.00	0.90	0.00	0.00
635	1.30	1.50	0.00	1.05	0.00	1.00	0.00	0.90	0.00	0.00	0.00
636	1.30	1.50	0.00	1.05	0.00	1.30	0.00	0.00	0.00	0.00	0.00
637	1.30	1.50	0.00	1.05	0.00	1.30	0.00	0.00	0.00	0.00	0.90
638	1.30	1.50	0.00	1.05	0.00	1.30	0.00	0.00	0.00	0.90	0.00
639	1.30	1.50	0.00	1.05	0.00	1.30	0.00	0.00	0.90	0.00	0.00
640	1.30	1.50	0.00	1.05	0.00	1.30	0.00	0.90	0.00	0.00	0.00
641	1.30	1.50	0.00	1.05	0.75	1.00	0.00	0.00	0.00	0.00	0.00
642	1.30	1.50	0.00	1.05	0.75	1.00	0.00	0.00	0.00	0.00	0.90
643	1.30	1.50	0.00	1.05	0.75	1.00	0.00	0.00	0.00	0.90	0.00
644	1.30	1.50	0.00	1.05	0.75	1.00	0.00	0.00	0.90	0.00	0.00
645	1.30	1.50	0.00	1.05	0.75	1.00	0.00	0.90	0.00	0.00	0.00
646	1.30	1.50	0.00	1.05	0.75	1.30	0.00	0.00	0.00	0.00	0.00
647	1.30	1.50	0.00	1.05	0.75	1.30	0.00	0.00	0.00	0.00	0.90
648	1.30	1.50	0.00	1.05	0.75	1.30	0.00	0.00	0.00	0.90	0.00
649	1.30	1.50	0.00	1.05	0.75	1.30	0.00	0.00	0.90	0.00	0.00
650	1.30	1.50	0.00	1.05	0.75	1.30	0.00	0.90	0.00	0.00	0.00



SLU: Non Sismica - Strutturale senza azioni geotecniche

Id <sub>Comb</sub>	CC 01	CC 02	CC 03	CC 04	CC 05	CC 06	CC 07	CC 08	CC 09	CC 10	CC 11
651	1.30	1.50	1.05	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
652	1.30	1.50	1.05	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.90
653	1.30	1.50	1.05	0.00	0.00	1.00	0.00	0.00	0.00	0.90	0.00
654	1.30	1.50	1.05	0.00	0.00	1.00	0.00	0.00	0.90	0.00	0.00
655	1.30	1.50	1.05	0.00	0.00	1.00	0.00	0.90	0.00	0.00	0.00
656	1.30	1.50	1.05	0.00	0.00	1.30	0.00	0.00	0.00	0.00	0.00
657	1.30	1.50	1.05	0.00	0.00	1.30	0.00	0.00	0.00	0.00	0.90
658	1.30	1.50	1.05	0.00	0.00	1.30	0.00	0.00	0.00	0.90	0.00
659	1.30	1.50	1.05	0.00	0.00	1.30	0.00	0.00	0.90	0.00	0.00
660	1.30	1.50	1.05	0.00	0.00	1.30	0.00	0.90	0.00	0.00	0.00
661	1.30	1.50	1.05	0.00	0.75	1.00	0.00	0.00	0.00	0.00	0.00
662	1.30	1.50	1.05	0.00	0.75	1.00	0.00	0.00	0.00	0.00	0.90
663	1.30	1.50	1.05	0.00	0.75	1.00	0.00	0.00	0.00	0.90	0.00
664	1.30	1.50	1.05	0.00	0.75	1.00	0.00	0.00	0.90	0.00	0.00
665	1.30	1.50	1.05	0.00	0.75	1.00	0.00	0.90	0.00	0.00	0.00
666	1.30	1.50	1.05	0.00	0.75	1.30	0.00	0.00	0.00	0.00	0.00
667	1.30	1.50	1.05	0.00	0.75	1.30	0.00	0.00	0.00	0.00	0.90
668	1.30	1.50	1.05	0.00	0.75	1.30	0.00	0.00	0.00	0.90	0.00
669	1.30	1.50	1.05	0.00	0.75	1.30	0.00	0.00	0.90	0.00	0.00
670	1.30	1.50	1.05	0.00	0.75	1.30	0.00	0.90	0.00	0.00	0.00
671	1.30	1.50	1.05	1.05	0.00	1.00	0.00	0.00	0.00	0.00	0.00
672	1.30	1.50	1.05	1.05	0.00	1.00	0.00	0.00	0.00	0.00	0.90
673	1.30	1.50	1.05	1.05	0.00	1.00	0.00	0.00	0.00	0.90	0.00
674	1.30	1.50	1.05	1.05	0.00	1.00	0.00	0.00	0.90	0.00	0.00
675	1.30	1.50	1.05	1.05	0.00	1.00	0.00	0.90	0.00	0.00	0.00
676	1.30	1.50	1.05	1.05	0.00	1.30	0.00	0.00	0.00	0.00	0.00
677	1.30	1.50	1.05	1.05	0.00	1.30	0.00	0.00	0.00	0.00	0.90
678	1.30	1.50	1.05	1.05	0.00	1.30	0.00	0.00	0.00	0.90	0.00
679	1.30	1.50	1.05	1.05	0.00	1.30	0.00	0.00	0.90	0.00	0.00
680	1.30	1.50	1.05	1.05	0.00	1.30	0.00	0.90	0.00	0.00	0.00
681	1.30	1.50	1.05	1.05	0.75	1.00	0.00	0.00	0.00	0.00	0.00
682	1.30	1.50	1.05	1.05	0.75	1.00	0.00	0.00	0.00	0.00	0.90
683	1.30	1.50	1.05	1.05	0.75	1.00	0.00	0.00	0.00	0.90	0.00
684	1.30	1.50	1.05	1.05	0.75	1.00	0.00	0.00	0.90	0.00	0.00
685	1.30	1.50	1.05	1.05	0.75	1.00	0.00	0.90	0.00	0.00	0.00
686	1.30	1.50	1.05	1.05	0.75	1.30	0.00	0.00	0.00	0.00	0.00
687	1.30	1.50	1.05	1.05	0.75	1.30	0.00	0.00	0.00	0.00	0.90
688	1.30	1.50	1.05	1.05	0.75	1.30	0.00	0.00	0.00	0.90	0.00
689	1.30	1.50	1.05	1.05	0.75	1.30	0.00	0.00	0.90	0.00	0.00
690	1.30	1.50	1.05	1.05	0.75	1.30	0.00	0.90	0.00	0.00	0.00
691	1.30	0.80	1.50	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
692	1.30	0.80	1.50	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.90
693	1.30	0.80	1.50	0.00	0.00	1.00	0.00	0.00	0.00	0.90	0.00
694	1.30	0.80	1.50	0.00	0.00	1.00	0.00	0.00	0.90	0.00	0.00
695	1.30	0.80	1.50	0.00	0.00	1.00	0.00	0.90	0.00	0.00	0.00
696	1.30	0.80	1.50	0.00	0.00	1.30	0.00	0.00	0.00	0.00	0.00
697	1.30	0.80	1.50	0.00	0.00	1.30	0.00	0.00	0.00	0.00	0.90
698	1.30	0.80	1.50	0.00	0.00	1.30	0.00	0.00	0.00	0.90	0.00
699	1.30	0.80	1.50	0.00	0.00	1.30	0.00	0.00	0.90	0.00	0.00
700	1.30	0.80	1.50	0.00	0.00	1.30	0.00	0.90	0.00	0.00	0.00
701	1.30	0.80	1.50	0.00	0.75	1.00	0.00	0.00	0.00	0.00	0.00
702	1.30	0.80	1.50	0.00	0.75	1.00	0.00	0.00	0.00	0.00	0.90
703	1.30	0.80	1.50	0.00	0.75	1.00	0.00	0.00	0.00	0.90	0.00
704	1.30	0.80	1.50	0.00	0.75	1.00	0.00	0.00	0.90	0.00	0.00
705	1.30	0.80	1.50	0.00	0.75	1.00	0.00	0.90	0.00	0.00	0.00
706	1.30	0.80	1.50	0.00	0.75	1.30	0.00	0.00	0.00	0.00	0.00
707	1.30	0.80	1.50	0.00	0.75	1.30	0.00	0.00	0.00	0.00	0.90
708	1.30	0.80	1.50	0.00	0.75	1.30	0.00	0.00	0.00	0.90	0.00
709	1.30	0.80	1.50	0.00	0.75	1.30	0.00	0.00	0.90	0.00	0.00
710	1.30	0.80	1.50	0.00	0.75	1.30	0.00	0.90	0.00	0.00	0.00
711	1.30	0.80	1.50	1.05	0.00	1.00	0.00	0.00	0.00	0.00	0.00
712	1.30	0.80	1.50	1.05	0.00	1.00	0.00	0.00	0.00	0.00	0.90
713	1.30	0.80	1.50	1.05	0.00	1.00	0.00	0.00	0.00	0.90	0.00
714	1.30	0.80	1.50	1.05	0.00	1.00	0.00	0.00	0.90	0.00	0.00
715	1.30	0.80	1.50	1.05	0.00	1.00	0.00	0.90	0.00	0.00	0.00
716	1.30	0.80	1.50	1.05	0.00	1.30	0.00	0.00	0.00	0.00	0.00



SLU: Non Sismica - Strutturale senza azioni geotecniche

Id <sub>Comb</sub>	CC 01	CC 02	CC 03	CC 04	CC 05	CC 06	CC 07	CC 08	CC 09	CC 10	CC 11
717	1.30	0.80	1.50	1.05	0.00	1.30	0.00	0.00	0.00	0.00	0.90
718	1.30	0.80	1.50	1.05	0.00	1.30	0.00	0.00	0.00	0.90	0.00
719	1.30	0.80	1.50	1.05	0.00	1.30	0.00	0.00	0.90	0.00	0.00
720	1.30	0.80	1.50	1.05	0.00	1.30	0.00	0.90	0.00	0.00	0.00
721	1.30	0.80	1.50	1.05	0.75	1.00	0.00	0.00	0.00	0.00	0.00
722	1.30	0.80	1.50	1.05	0.75	1.00	0.00	0.00	0.00	0.00	0.90
723	1.30	0.80	1.50	1.05	0.75	1.00	0.00	0.00	0.00	0.90	0.00
724	1.30	0.80	1.50	1.05	0.75	1.00	0.00	0.00	0.90	0.00	0.00
725	1.30	0.80	1.50	1.05	0.75	1.00	0.00	0.90	0.00	0.00	0.00
726	1.30	0.80	1.50	1.05	0.75	1.30	0.00	0.00	0.00	0.00	0.00
727	1.30	0.80	1.50	1.05	0.75	1.30	0.00	0.00	0.00	0.00	0.90
728	1.30	0.80	1.50	1.05	0.75	1.30	0.00	0.00	0.00	0.90	0.00
729	1.30	0.80	1.50	1.05	0.75	1.30	0.00	0.00	0.90	0.00	0.00
730	1.30	0.80	1.50	1.05	0.75	1.30	0.00	0.90	0.00	0.00	0.00
731	1.30	1.50	1.50	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
732	1.30	1.50	1.50	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.90
733	1.30	1.50	1.50	0.00	0.00	1.00	0.00	0.00	0.00	0.90	0.00
734	1.30	1.50	1.50	0.00	0.00	1.00	0.00	0.00	0.90	0.00	0.00
735	1.30	1.50	1.50	0.00	0.00	1.00	0.00	0.90	0.00	0.00	0.00
736	1.30	1.50	1.50	0.00	0.00	1.30	0.00	0.00	0.00	0.00	0.00
737	1.30	1.50	1.50	0.00	0.00	1.30	0.00	0.00	0.00	0.00	0.90
738	1.30	1.50	1.50	0.00	0.00	1.30	0.00	0.00	0.00	0.90	0.00
739	1.30	1.50	1.50	0.00	0.00	1.30	0.00	0.00	0.90	0.00	0.00
740	1.30	1.50	1.50	0.00	0.00	1.30	0.00	0.90	0.00	0.00	0.00
741	1.30	1.50	1.50	0.00	0.75	1.00	0.00	0.00	0.00	0.00	0.00
742	1.30	1.50	1.50	0.00	0.75	1.00	0.00	0.00	0.00	0.00	0.90
743	1.30	1.50	1.50	0.00	0.75	1.00	0.00	0.00	0.00	0.90	0.00
744	1.30	1.50	1.50	0.00	0.75	1.00	0.00	0.00	0.90	0.00	0.00
745	1.30	1.50	1.50	0.00	0.75	1.00	0.00	0.90	0.00	0.00	0.00
746	1.30	1.50	1.50	0.00	0.75	1.30	0.00	0.00	0.00	0.00	0.00
747	1.30	1.50	1.50	0.00	0.75	1.30	0.00	0.00	0.00	0.00	0.90
748	1.30	1.50	1.50	0.00	0.75	1.30	0.00	0.00	0.00	0.90	0.00
749	1.30	1.50	1.50	0.00	0.75	1.30	0.00	0.00	0.90	0.00	0.00
750	1.30	1.50	1.50	0.00	0.75	1.30	0.00	0.90	0.00	0.00	0.00
751	1.30	1.50	1.50	1.05	0.00	1.00	0.00	0.00	0.00	0.00	0.00
752	1.30	1.50	1.50	1.05	0.00	1.00	0.00	0.00	0.00	0.00	0.90
753	1.30	1.50	1.50	1.05	0.00	1.00	0.00	0.00	0.00	0.90	0.00
754	1.30	1.50	1.50	1.05	0.00	1.00	0.00	0.00	0.90	0.00	0.00
755	1.30	1.50	1.50	1.05	0.00	1.00	0.00	0.90	0.00	0.00	0.00
756	1.30	1.50	1.50	1.05	0.00	1.30	0.00	0.00	0.00	0.00	0.00
757	1.30	1.50	1.50	1.05	0.00	1.30	0.00	0.00	0.00	0.00	0.90
758	1.30	1.50	1.50	1.05	0.00	1.30	0.00	0.00	0.00	0.90	0.00
759	1.30	1.50	1.50	1.05	0.00	1.30	0.00	0.00	0.90	0.00	0.00
760	1.30	1.50	1.50	1.05	0.00	1.30	0.00	0.90	0.00	0.00	0.00
761	1.30	1.50	1.50	1.05	0.75	1.00	0.00	0.00	0.00	0.00	0.00
762	1.30	1.50	1.50	1.05	0.75	1.00	0.00	0.00	0.00	0.00	0.90
763	1.30	1.50	1.50	1.05	0.75	1.00	0.00	0.00	0.00	0.90	0.00
764	1.30	1.50	1.50	1.05	0.75	1.00	0.00	0.00	0.90	0.00	0.00
765	1.30	1.50	1.50	1.05	0.75	1.00	0.00	0.90	0.00	0.00	0.00
766	1.30	1.50	1.50	1.05	0.75	1.30	0.00	0.00	0.00	0.00	0.00
767	1.30	1.50	1.50	1.05	0.75	1.30	0.00	0.00	0.00	0.00	0.90
768	1.30	1.50	1.50	1.05	0.75	1.30	0.00	0.00	0.00	0.90	0.00
769	1.30	1.50	1.50	1.05	0.75	1.30	0.00	0.00	0.90	0.00	0.00
770	1.30	1.50	1.50	1.05	0.75	1.30	0.00	0.90	0.00	0.00	0.00
771	1.30	0.80	0.00	1.50	0.00	1.00	0.00	0.00	0.00	0.00	0.00
772	1.30	0.80	0.00	1.50	0.00	1.00	0.00	0.00	0.00	0.00	0.90
773	1.30	0.80	0.00	1.50	0.00	1.00	0.00	0.00	0.00	0.90	0.00
774	1.30	0.80	0.00	1.50	0.00	1.00	0.00	0.00	0.90	0.00	0.00
775	1.30	0.80	0.00	1.50	0.00	1.00	0.00	0.90	0.00	0.00	0.00
776	1.30	0.80	0.00	1.50	0.00	1.30	0.00	0.00	0.00	0.00	0.00
777	1.30	0.80	0.00	1.50	0.00	1.30	0.00	0.00	0.00	0.00	0.90
778	1.30	0.80	0.00	1.50	0.00	1.30	0.00	0.00	0.00	0.90	0.00
779	1.30	0.80	0.00	1.50	0.00	1.30	0.00	0.00	0.90	0.00	0.00
780	1.30	0.80	0.00	1.50	0.00	1.30	0.00	0.90	0.00	0.00	0.00
781	1.30	0.80	0.00	1.50	0.75	1.00	0.00	0.00	0.00	0.00	0.00
782	1.30	0.80	0.00	1.50	0.75	1.00	0.00	0.00	0.00	0.00	0.90



SLU: Non Sismica - Strutturale senza azioni geotecniche

Id <sub>Comb</sub>	CC 01	CC 02	CC 03	CC 04	CC 05	CC 06	CC 07	CC 08	CC 09	CC 10	CC 11
783	1.30	0.80	0.00	1.50	0.75	1.00	0.00	0.00	0.00	0.90	0.00
784	1.30	0.80	0.00	1.50	0.75	1.00	0.00	0.00	0.90	0.00	0.00
785	1.30	0.80	0.00	1.50	0.75	1.00	0.00	0.90	0.00	0.00	0.00
786	1.30	0.80	0.00	1.50	0.75	1.30	0.00	0.00	0.00	0.00	0.00
787	1.30	0.80	0.00	1.50	0.75	1.30	0.00	0.00	0.00	0.00	0.90
788	1.30	0.80	0.00	1.50	0.75	1.30	0.00	0.00	0.00	0.90	0.00
789	1.30	0.80	0.00	1.50	0.75	1.30	0.00	0.00	0.90	0.00	0.00
790	1.30	0.80	0.00	1.50	0.75	1.30	0.00	0.90	0.00	0.00	0.00
791	1.30	0.80	1.05	1.50	0.00	1.00	0.00	0.00	0.00	0.00	0.00
792	1.30	0.80	1.05	1.50	0.00	1.00	0.00	0.00	0.00	0.00	0.90
793	1.30	0.80	1.05	1.50	0.00	1.00	0.00	0.00	0.00	0.90	0.00
794	1.30	0.80	1.05	1.50	0.00	1.00	0.00	0.00	0.90	0.00	0.00
795	1.30	0.80	1.05	1.50	0.00	1.00	0.00	0.90	0.00	0.00	0.00
796	1.30	0.80	1.05	1.50	0.00	1.30	0.00	0.00	0.00	0.00	0.00
797	1.30	0.80	1.05	1.50	0.00	1.30	0.00	0.00	0.00	0.00	0.90
798	1.30	0.80	1.05	1.50	0.00	1.30	0.00	0.00	0.00	0.90	0.00
799	1.30	0.80	1.05	1.50	0.00	1.30	0.00	0.00	0.90	0.00	0.00
800	1.30	0.80	1.05	1.50	0.00	1.30	0.00	0.90	0.00	0.00	0.00
801	1.30	0.80	1.05	1.50	0.75	1.00	0.00	0.00	0.00	0.00	0.00
802	1.30	0.80	1.05	1.50	0.75	1.00	0.00	0.00	0.00	0.00	0.90
803	1.30	0.80	1.05	1.50	0.75	1.00	0.00	0.00	0.00	0.90	0.00
804	1.30	0.80	1.05	1.50	0.75	1.00	0.00	0.00	0.90	0.00	0.00
805	1.30	0.80	1.05	1.50	0.75	1.00	0.00	0.90	0.00	0.00	0.00
806	1.30	0.80	1.05	1.50	0.75	1.30	0.00	0.00	0.00	0.00	0.00
807	1.30	0.80	1.05	1.50	0.75	1.30	0.00	0.00	0.00	0.00	0.90
808	1.30	0.80	1.05	1.50	0.75	1.30	0.00	0.00	0.00	0.90	0.00
809	1.30	0.80	1.05	1.50	0.75	1.30	0.00	0.00	0.90	0.00	0.00
810	1.30	0.80	1.05	1.50	0.75	1.30	0.00	0.90	0.00	0.00	0.00
811	1.30	1.50	0.00	1.50	0.00	1.00	0.00	0.00	0.00	0.00	0.00
812	1.30	1.50	0.00	1.50	0.00	1.00	0.00	0.00	0.00	0.00	0.90
813	1.30	1.50	0.00	1.50	0.00	1.00	0.00	0.00	0.00	0.90	0.00
814	1.30	1.50	0.00	1.50	0.00	1.00	0.00	0.00	0.90	0.00	0.00
815	1.30	1.50	0.00	1.50	0.00	1.00	0.00	0.90	0.00	0.00	0.00
816	1.30	1.50	0.00	1.50	0.00	1.30	0.00	0.00	0.00	0.00	0.00
817	1.30	1.50	0.00	1.50	0.00	1.30	0.00	0.00	0.00	0.00	0.90
818	1.30	1.50	0.00	1.50	0.00	1.30	0.00	0.00	0.00	0.90	0.00
819	1.30	1.50	0.00	1.50	0.00	1.30	0.00	0.00	0.90	0.00	0.00
820	1.30	1.50	0.00	1.50	0.00	1.30	0.00	0.90	0.00	0.00	0.00
821	1.30	1.50	0.00	1.50	0.75	1.00	0.00	0.00	0.00	0.00	0.00
822	1.30	1.50	0.00	1.50	0.75	1.00	0.00	0.00	0.00	0.00	0.90
823	1.30	1.50	0.00	1.50	0.75	1.00	0.00	0.00	0.00	0.90	0.00
824	1.30	1.50	0.00	1.50	0.75	1.00	0.00	0.00	0.90	0.00	0.00
825	1.30	1.50	0.00	1.50	0.75	1.00	0.00	0.90	0.00	0.00	0.00
826	1.30	1.50	0.00	1.50	0.75	1.30	0.00	0.00	0.00	0.00	0.00
827	1.30	1.50	0.00	1.50	0.75	1.30	0.00	0.00	0.00	0.00	0.90
828	1.30	1.50	0.00	1.50	0.75	1.30	0.00	0.00	0.00	0.90	0.00
829	1.30	1.50	0.00	1.50	0.75	1.30	0.00	0.00	0.90	0.00	0.00
830	1.30	1.50	0.00	1.50	0.75	1.30	0.00	0.90	0.00	0.00	0.00
831	1.30	1.50	1.05	1.50	0.00	1.00	0.00	0.00	0.00	0.00	0.00
832	1.30	1.50	1.05	1.50	0.00	1.00	0.00	0.00	0.00	0.00	0.90
833	1.30	1.50	1.05	1.50	0.00	1.00	0.00	0.00	0.00	0.90	0.00
834	1.30	1.50	1.05	1.50	0.00	1.00	0.00	0.00	0.90	0.00	0.00
835	1.30	1.50	1.05	1.50	0.00	1.00	0.00	0.90	0.00	0.00	0.00
836	1.30	1.50	1.05	1.50	0.00	1.30	0.00	0.00	0.00	0.00	0.00
837	1.30	1.50	1.05	1.50	0.00	1.30	0.00	0.00	0.00	0.00	0.90
838	1.30	1.50	1.05	1.50	0.00	1.30	0.00	0.00	0.00	0.90	0.00
839	1.30	1.50	1.05	1.50	0.00	1.30	0.00	0.00	0.90	0.00	0.00
840	1.30	1.50	1.05	1.50	0.00	1.30	0.00	0.90	0.00	0.00	0.00
841	1.30	1.50	1.05	1.50	0.75	1.00	0.00	0.00	0.00	0.00	0.00
842	1.30	1.50	1.05	1.50	0.75	1.00	0.00	0.00	0.00	0.00	0.90
843	1.30	1.50	1.05	1.50	0.75	1.00	0.00	0.00	0.00	0.90	0.00
844	1.30	1.50	1.05	1.50	0.75	1.00	0.00	0.00	0.90	0.00	0.00
845	1.30	1.50	1.05	1.50	0.75	1.00	0.00	0.90	0.00	0.00	0.00
846	1.30	1.50	1.05	1.50	0.75	1.30	0.00	0.00	0.00	0.00	0.00
847	1.30	1.50	1.05	1.50	0.75	1.30	0.00	0.00	0.00	0.00	0.90
848	1.30	1.50	1.05	1.50	0.75	1.30	0.00	0.00	0.00	0.90	0.00



SLU: Non Sismica - Strutturale senza azioni geotecniche

Id <sub>Comb</sub>	CC 01	CC 02	CC 03	CC 04	CC 05	CC 06	CC 07	CC 08	CC 09	CC 10	CC 11
849	1.30	1.50	1.05	1.50	0.75	1.30	0.00	0.00	0.90	0.00	0.00
850	1.30	1.50	1.05	1.50	0.75	1.30	0.00	0.90	0.00	0.00	0.00
851	1.30	0.80	0.00	0.00	1.50	1.00	0.00	0.00	0.00	0.00	0.00
852	1.30	0.80	0.00	0.00	1.50	1.00	0.00	0.00	0.00	0.00	0.90
853	1.30	0.80	0.00	0.00	1.50	1.00	0.00	0.00	0.00	0.90	0.00
854	1.30	0.80	0.00	0.00	1.50	1.00	0.00	0.00	0.90	0.00	0.00
855	1.30	0.80	0.00	0.00	1.50	1.00	0.00	0.90	0.00	0.00	0.00
856	1.30	0.80	0.00	0.00	1.50	1.30	0.00	0.00	0.00	0.00	0.00
857	1.30	0.80	0.00	0.00	1.50	1.30	0.00	0.00	0.00	0.00	0.90
858	1.30	0.80	0.00	0.00	1.50	1.30	0.00	0.00	0.00	0.90	0.00
859	1.30	0.80	0.00	0.00	1.50	1.30	0.00	0.00	0.90	0.00	0.00
860	1.30	0.80	0.00	0.00	1.50	1.30	0.00	0.90	0.00	0.00	0.00
861	1.30	0.80	0.00	1.05	1.50	1.00	0.00	0.00	0.00	0.00	0.00
862	1.30	0.80	0.00	1.05	1.50	1.00	0.00	0.00	0.00	0.00	0.90
863	1.30	0.80	0.00	1.05	1.50	1.00	0.00	0.00	0.00	0.90	0.00
864	1.30	0.80	0.00	1.05	1.50	1.00	0.00	0.00	0.90	0.00	0.00
865	1.30	0.80	0.00	1.05	1.50	1.00	0.00	0.90	0.00	0.00	0.00
866	1.30	0.80	0.00	1.05	1.50	1.30	0.00	0.00	0.00	0.00	0.00
867	1.30	0.80	0.00	1.05	1.50	1.30	0.00	0.00	0.00	0.00	0.90
868	1.30	0.80	0.00	1.05	1.50	1.30	0.00	0.00	0.00	0.90	0.00
869	1.30	0.80	0.00	1.05	1.50	1.30	0.00	0.00	0.90	0.00	0.00
870	1.30	0.80	0.00	1.05	1.50	1.30	0.00	0.90	0.00	0.00	0.00
871	1.30	0.80	1.05	0.00	1.50	1.00	0.00	0.00	0.00	0.00	0.00
872	1.30	0.80	1.05	0.00	1.50	1.00	0.00	0.00	0.00	0.00	0.90
873	1.30	0.80	1.05	0.00	1.50	1.00	0.00	0.00	0.00	0.90	0.00
874	1.30	0.80	1.05	0.00	1.50	1.00	0.00	0.00	0.90	0.00	0.00
875	1.30	0.80	1.05	0.00	1.50	1.00	0.00	0.90	0.00	0.00	0.00
876	1.30	0.80	1.05	0.00	1.50	1.30	0.00	0.00	0.00	0.00	0.00
877	1.30	0.80	1.05	0.00	1.50	1.30	0.00	0.00	0.00	0.00	0.90
878	1.30	0.80	1.05	0.00	1.50	1.30	0.00	0.00	0.00	0.90	0.00
879	1.30	0.80	1.05	0.00	1.50	1.30	0.00	0.00	0.90	0.00	0.00
880	1.30	0.80	1.05	0.00	1.50	1.30	0.00	0.90	0.00	0.00	0.00
881	1.30	0.80	1.05	1.05	1.50	1.00	0.00	0.00	0.00	0.00	0.00
882	1.30	0.80	1.05	1.05	1.50	1.00	0.00	0.00	0.00	0.00	0.90
883	1.30	0.80	1.05	1.05	1.50	1.00	0.00	0.00	0.00	0.90	0.00
884	1.30	0.80	1.05	1.05	1.50	1.00	0.00	0.00	0.90	0.00	0.00
885	1.30	0.80	1.05	1.05	1.50	1.00	0.00	0.90	0.00	0.00	0.00
886	1.30	0.80	1.05	1.05	1.50	1.30	0.00	0.00	0.00	0.00	0.00
887	1.30	0.80	1.05	1.05	1.50	1.30	0.00	0.00	0.00	0.00	0.90
888	1.30	0.80	1.05	1.05	1.50	1.30	0.00	0.00	0.00	0.90	0.00
889	1.30	0.80	1.05	1.05	1.50	1.30	0.00	0.00	0.90	0.00	0.00
890	1.30	0.80	1.05	1.05	1.50	1.30	0.00	0.90	0.00	0.00	0.00
891	1.30	1.50	0.00	0.00	1.50	1.00	0.00	0.00	0.00	0.00	0.00
892	1.30	1.50	0.00	0.00	1.50	1.00	0.00	0.00	0.00	0.00	0.90
893	1.30	1.50	0.00	0.00	1.50	1.00	0.00	0.00	0.00	0.90	0.00
894	1.30	1.50	0.00	0.00	1.50	1.00	0.00	0.00	0.90	0.00	0.00
895	1.30	1.50	0.00	0.00	1.50	1.00	0.00	0.90	0.00	0.00	0.00
896	1.30	1.50	0.00	0.00	1.50	1.30	0.00	0.00	0.00	0.00	0.00
897	1.30	1.50	0.00	0.00	1.50	1.30	0.00	0.00	0.00	0.00	0.90
898	1.30	1.50	0.00	0.00	1.50	1.30	0.00	0.00	0.00	0.90	0.00
899	1.30	1.50	0.00	0.00	1.50	1.30	0.00	0.00	0.90	0.00	0.00
900	1.30	1.50	0.00	0.00	1.50	1.30	0.00	0.90	0.00	0.00	0.00
901	1.30	1.50	0.00	1.05	1.50	1.00	0.00	0.00	0.00	0.00	0.00
902	1.30	1.50	0.00	1.05	1.50	1.00	0.00	0.00	0.00	0.00	0.90
903	1.30	1.50	0.00	1.05	1.50	1.00	0.00	0.00	0.00	0.90	0.00
904	1.30	1.50	0.00	1.05	1.50	1.00	0.00	0.00	0.90	0.00	0.00
905	1.30	1.50	0.00	1.05	1.50	1.00	0.00	0.90	0.00	0.00	0.00
906	1.30	1.50	0.00	1.05	1.50	1.30	0.00	0.00	0.00	0.00	0.00
907	1.30	1.50	0.00	1.05	1.50	1.30	0.00	0.00	0.00	0.00	0.90
908	1.30	1.50	0.00	1.05	1.50	1.30	0.00	0.00	0.00	0.90	0.00
909	1.30	1.50	0.00	1.05	1.50	1.30	0.00	0.00	0.90	0.00	0.00
910	1.30	1.50	0.00	1.05	1.50	1.30	0.00	0.90	0.00	0.00	0.00
911	1.30	1.50	1.05	0.00	1.50	1.00	0.00	0.00	0.00	0.00	0.00
912	1.30	1.50	1.05	0.00	1.50	1.00	0.00	0.00	0.00	0.00	0.90
913	1.30	1.50	1.05	0.00	1.50	1.00	0.00	0.00	0.00	0.90	0.00
914	1.30	1.50	1.05	0.00	1.50	1.00	0.00	0.00	0.90	0.00	0.00



SLU: Non Sismica - Strutturale senza azioni geotecniche

Id <sub>Comb</sub>	CC 01	CC 02	CC 03	CC 04	CC 05	CC 06	CC 07	CC 08	CC 09	CC 10	CC 11
915	1.30	1.50	1.05	0.00	1.50	1.00	0.00	0.90	0.00	0.00	0.00
916	1.30	1.50	1.05	0.00	1.50	1.30	0.00	0.00	0.00	0.00	0.00
917	1.30	1.50	1.05	0.00	1.50	1.30	0.00	0.00	0.00	0.00	0.90
918	1.30	1.50	1.05	0.00	1.50	1.30	0.00	0.00	0.00	0.90	0.00
919	1.30	1.50	1.05	0.00	1.50	1.30	0.00	0.00	0.90	0.00	0.00
920	1.30	1.50	1.05	0.00	1.50	1.30	0.00	0.90	0.00	0.00	0.00
921	1.30	1.50	1.05	1.05	1.50	1.00	0.00	0.00	0.00	0.00	0.00
922	1.30	1.50	1.05	1.05	1.50	1.00	0.00	0.00	0.00	0.00	0.90
923	1.30	1.50	1.05	1.05	1.50	1.00	0.00	0.00	0.00	0.90	0.00
924	1.30	1.50	1.05	1.05	1.50	1.00	0.00	0.00	0.90	0.00	0.00
925	1.30	1.50	1.05	1.05	1.50	1.00	0.00	0.90	0.00	0.00	0.00
926	1.30	1.50	1.05	1.05	1.50	1.30	0.00	0.00	0.00	0.00	0.00
927	1.30	1.50	1.05	1.05	1.50	1.30	0.00	0.00	0.00	0.00	0.90
928	1.30	1.50	1.05	1.05	1.50	1.30	0.00	0.00	0.00	0.90	0.00
929	1.30	1.50	1.05	1.05	1.50	1.30	0.00	0.00	0.90	0.00	0.00
930	1.30	1.50	1.05	1.05	1.50	1.30	0.00	0.90	0.00	0.00	0.00
931	1.30	0.80	0.00	0.00	0.00	1.00	0.00	1.50	0.00	0.00	0.00
932	1.30	0.80	0.00	0.00	0.00	1.30	0.00	1.50	0.00	0.00	0.00
933	1.30	0.80	0.00	0.00	0.75	1.00	0.00	1.50	0.00	0.00	0.00
934	1.30	0.80	0.00	0.00	0.75	1.30	0.00	1.50	0.00	0.00	0.00
935	1.30	0.80	0.00	1.05	0.00	1.00	0.00	1.50	0.00	0.00	0.00
936	1.30	0.80	0.00	1.05	0.00	1.30	0.00	1.50	0.00	0.00	0.00
937	1.30	0.80	0.00	1.05	0.75	1.00	0.00	1.50	0.00	0.00	0.00
938	1.30	0.80	0.00	1.05	0.75	1.30	0.00	1.50	0.00	0.00	0.00
939	1.30	0.80	1.05	0.00	0.00	1.00	0.00	1.50	0.00	0.00	0.00
940	1.30	0.80	1.05	0.00	0.00	1.30	0.00	1.50	0.00	0.00	0.00
941	1.30	0.80	1.05	0.00	0.75	1.00	0.00	1.50	0.00	0.00	0.00
942	1.30	0.80	1.05	0.00	0.75	1.30	0.00	1.50	0.00	0.00	0.00
943	1.30	0.80	1.05	1.05	0.00	1.00	0.00	1.50	0.00	0.00	0.00
944	1.30	0.80	1.05	1.05	0.00	1.30	0.00	1.50	0.00	0.00	0.00
945	1.30	0.80	1.05	1.05	0.75	1.00	0.00	1.50	0.00	0.00	0.00
946	1.30	0.80	1.05	1.05	0.75	1.30	0.00	1.50	0.00	0.00	0.00
947	1.30	1.50	0.00	0.00	0.00	1.00	0.00	1.50	0.00	0.00	0.00
948	1.30	1.50	0.00	0.00	0.00	1.30	0.00	1.50	0.00	0.00	0.00
949	1.30	1.50	0.00	0.00	0.75	1.00	0.00	1.50	0.00	0.00	0.00
950	1.30	1.50	0.00	0.00	0.75	1.30	0.00	1.50	0.00	0.00	0.00
951	1.30	1.50	0.00	1.05	0.00	1.00	0.00	1.50	0.00	0.00	0.00
952	1.30	1.50	0.00	1.05	0.00	1.30	0.00	1.50	0.00	0.00	0.00
953	1.30	1.50	0.00	1.05	0.75	1.00	0.00	1.50	0.00	0.00	0.00
954	1.30	1.50	0.00	1.05	0.75	1.30	0.00	1.50	0.00	0.00	0.00
955	1.30	1.50	1.05	0.00	0.00	1.00	0.00	1.50	0.00	0.00	0.00
956	1.30	1.50	1.05	0.00	0.00	1.30	0.00	1.50	0.00	0.00	0.00
957	1.30	1.50	1.05	0.00	0.75	1.00	0.00	1.50	0.00	0.00	0.00
958	1.30	1.50	1.05	0.00	0.75	1.30	0.00	1.50	0.00	0.00	0.00
959	1.30	1.50	1.05	1.05	0.00	1.00	0.00	1.50	0.00	0.00	0.00
960	1.30	1.50	1.05	1.05	0.00	1.30	0.00	1.50	0.00	0.00	0.00
961	1.30	1.50	1.05	1.05	0.75	1.00	0.00	1.50	0.00	0.00	0.00
962	1.30	1.50	1.05	1.05	0.75	1.30	0.00	1.50	0.00	0.00	0.00
963	1.30	0.80	0.00	0.00	0.00	1.00	0.00	0.00	1.50	0.00	0.00
964	1.30	0.80	0.00	0.00	0.00	1.30	0.00	0.00	1.50	0.00	0.00
965	1.30	0.80	0.00	0.00	0.75	1.00	0.00	0.00	1.50	0.00	0.00
966	1.30	0.80	0.00	0.00	0.75	1.30	0.00	0.00	1.50	0.00	0.00
967	1.30	0.80	0.00	1.05	0.00	1.00	0.00	0.00	1.50	0.00	0.00
968	1.30	0.80	0.00	1.05	0.00	1.30	0.00	0.00	1.50	0.00	0.00
969	1.30	0.80	0.00	1.05	0.75	1.00	0.00	0.00	1.50	0.00	0.00
970	1.30	0.80	0.00	1.05	0.75	1.30	0.00	0.00	1.50	0.00	0.00
971	1.30	0.80	1.05	0.00	0.00	1.00	0.00	0.00	1.50	0.00	0.00
972	1.30	0.80	1.05	0.00	0.00	1.30	0.00	0.00	1.50	0.00	0.00
973	1.30	0.80	1.05	0.00	0.75	1.00	0.00	0.00	1.50	0.00	0.00
974	1.30	0.80	1.05	0.00	0.75	1.30	0.00	0.00	1.50	0.00	0.00
975	1.30	0.80	1.05	1.05	0.00	1.00	0.00	0.00	1.50	0.00	0.00
976	1.30	0.80	1.05	1.05	0.00	1.30	0.00	0.00	1.50	0.00	0.00
977	1.30	0.80	1.05	1.05	0.75	1.00	0.00	0.00	1.50	0.00	0.00
978	1.30	0.80	1.05	1.05	0.75	1.30	0.00	0.00	1.50	0.00	0.00
979	1.30	1.50	0.00	0.00	0.00	1.00	0.00	0.00	1.50	0.00	0.00
980	1.30	1.50	0.00	0.00	0.00	1.30	0.00	0.00	1.50	0.00	0.00



SLU: Non Sismica - Strutturale senza azioni geotecniche

Id <sub>Comb</sub>	CC 01	CC 02	CC 03	CC 04	CC 05	CC 06	CC 07	CC 08	CC 09	CC 10	CC 11
981	1.30	1.50	0.00	0.00	0.75	1.00	0.00	0.00	1.50	0.00	0.00
982	1.30	1.50	0.00	0.00	0.75	1.30	0.00	0.00	1.50	0.00	0.00
983	1.30	1.50	0.00	1.05	0.00	1.00	0.00	0.00	1.50	0.00	0.00
984	1.30	1.50	0.00	1.05	0.00	1.30	0.00	0.00	1.50	0.00	0.00
985	1.30	1.50	0.00	1.05	0.75	1.00	0.00	0.00	1.50	0.00	0.00
986	1.30	1.50	0.00	1.05	0.75	1.30	0.00	0.00	1.50	0.00	0.00
987	1.30	1.50	1.05	0.00	0.00	1.00	0.00	0.00	1.50	0.00	0.00
988	1.30	1.50	1.05	0.00	0.00	1.30	0.00	0.00	1.50	0.00	0.00
989	1.30	1.50	1.05	0.00	0.75	1.00	0.00	0.00	1.50	0.00	0.00
990	1.30	1.50	1.05	0.00	0.75	1.30	0.00	0.00	1.50	0.00	0.00
991	1.30	1.50	1.05	1.05	0.00	1.00	0.00	0.00	1.50	0.00	0.00
992	1.30	1.50	1.05	1.05	0.00	1.30	0.00	0.00	1.50	0.00	0.00
993	1.30	1.50	1.05	1.05	0.75	1.00	0.00	0.00	1.50	0.00	0.00
994	1.30	1.50	1.05	1.05	0.75	1.30	0.00	0.00	1.50	0.00	0.00
995	1.30	0.80	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.50	0.00
996	1.30	0.80	0.00	0.00	0.00	1.30	0.00	0.00	0.00	1.50	0.00
997	1.30	0.80	0.00	0.00	0.75	1.00	0.00	0.00	0.00	1.50	0.00
998	1.30	0.80	0.00	0.00	0.75	1.30	0.00	0.00	0.00	1.50	0.00
999	1.30	0.80	0.00	1.05	0.00	1.00	0.00	0.00	0.00	1.50	0.00
1000	1.30	0.80	0.00	1.05	0.00	1.30	0.00	0.00	0.00	1.50	0.00
1001	1.30	0.80	0.00	1.05	0.75	1.00	0.00	0.00	0.00	1.50	0.00
1002	1.30	0.80	0.00	1.05	0.75	1.30	0.00	0.00	0.00	1.50	0.00
1003	1.30	0.80	1.05	0.00	0.00	1.00	0.00	0.00	0.00	1.50	0.00
1004	1.30	0.80	1.05	0.00	0.00	1.30	0.00	0.00	0.00	1.50	0.00
1005	1.30	0.80	1.05	0.00	0.75	1.00	0.00	0.00	0.00	1.50	0.00
1006	1.30	0.80	1.05	0.00	0.75	1.30	0.00	0.00	0.00	1.50	0.00
1007	1.30	0.80	1.05	1.05	0.00	1.00	0.00	0.00	0.00	1.50	0.00
1008	1.30	0.80	1.05	1.05	0.00	1.30	0.00	0.00	0.00	1.50	0.00
1009	1.30	0.80	1.05	1.05	0.75	1.00	0.00	0.00	0.00	1.50	0.00
1010	1.30	0.80	1.05	1.05	0.75	1.30	0.00	0.00	0.00	1.50	0.00
1011	1.30	1.50	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.50	0.00
1012	1.30	1.50	0.00	0.00	0.00	1.30	0.00	0.00	0.00	1.50	0.00
1013	1.30	1.50	0.00	0.00	0.75	1.00	0.00	0.00	0.00	1.50	0.00
1014	1.30	1.50	0.00	0.00	0.75	1.30	0.00	0.00	0.00	1.50	0.00
1015	1.30	1.50	0.00	1.05	0.00	1.00	0.00	0.00	0.00	1.50	0.00
1016	1.30	1.50	0.00	1.05	0.00	1.30	0.00	0.00	0.00	1.50	0.00
1017	1.30	1.50	0.00	1.05	0.75	1.00	0.00	0.00	0.00	1.50	0.00
1018	1.30	1.50	0.00	1.05	0.75	1.30	0.00	0.00	0.00	1.50	0.00
1019	1.30	1.50	1.05	0.00	0.00	1.00	0.00	0.00	0.00	1.50	0.00
1020	1.30	1.50	1.05	0.00	0.00	1.30	0.00	0.00	0.00	1.50	0.00
1021	1.30	1.50	1.05	0.00	0.75	1.00	0.00	0.00	0.00	1.50	0.00
1022	1.30	1.50	1.05	0.00	0.75	1.30	0.00	0.00	0.00	1.50	0.00
1023	1.30	1.50	1.05	1.05	0.00	1.00	0.00	0.00	0.00	1.50	0.00
1024	1.30	1.50	1.05	1.05	0.00	1.30	0.00	0.00	0.00	1.50	0.00
1025	1.30	1.50	1.05	1.05	0.75	1.00	0.00	0.00	0.00	1.50	0.00
1026	1.30	1.50	1.05	1.05	0.75	1.30	0.00	0.00	0.00	1.50	0.00
1027	1.30	0.80	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.50
1028	1.30	0.80	0.00	0.00	0.00	1.30	0.00	0.00	0.00	0.00	1.50
1029	1.30	0.80	0.00	0.00	0.75	1.00	0.00	0.00	0.00	0.00	1.50
1030	1.30	0.80	0.00	0.00	0.75	1.30	0.00	0.00	0.00	0.00	1.50
1031	1.30	0.80	0.00	1.05	0.00	1.00	0.00	0.00	0.00	0.00	1.50
1032	1.30	0.80	0.00	1.05	0.00	1.30	0.00	0.00	0.00	0.00	1.50
1033	1.30	0.80	0.00	1.05	0.75	1.00	0.00	0.00	0.00	0.00	1.50
1034	1.30	0.80	0.00	1.05	0.75	1.30	0.00	0.00	0.00	0.00	1.50
1035	1.30	0.80	1.05	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.50
1036	1.30	0.80	1.05	0.00	0.00	1.30	0.00	0.00	0.00	0.00	1.50
1037	1.30	0.80	1.05	0.00	0.75	1.00	0.00	0.00	0.00	0.00	1.50
1038	1.30	0.80	1.05	0.00	0.75	1.30	0.00	0.00	0.00	0.00	1.50
1039	1.30	0.80	1.05	1.05	0.00	1.00	0.00	0.00	0.00	0.00	1.50
1040	1.30	0.80	1.05	1.05	0.00	1.30	0.00	0.00	0.00	0.00	1.50
1041	1.30	0.80	1.05	1.05	0.75	1.00	0.00	0.00	0.00	0.00	1.50
1042	1.30	0.80	1.05	1.05	0.75	1.30	0.00	0.00	0.00	0.00	1.50
1043	1.30	1.50	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.50
1044	1.30	1.50	0.00	0.00	0.00	1.30	0.00	0.00	0.00	0.00	1.50
1045	1.30	1.50	0.00	0.00	0.75	1.00	0.00	0.00	0.00	0.00	1.50
1046	1.30	1.50	0.00	0.00	0.75	1.30	0.00	0.00	0.00	0.00	1.50



**SLU: Non Sismica - Strutturale senza azioni geotecniche**

Id <sub>Comb</sub>	CC 01	CC 02	CC 03	CC 04	CC 05	CC 06	CC 07	CC 08	CC 09	CC 10	CC 11
1047	1.30	1.50	0.00	1.05	0.00	1.00	0.00	0.00	0.00	0.00	1.50
1048	1.30	1.50	0.00	1.05	0.00	1.30	0.00	0.00	0.00	0.00	1.50
1049	1.30	1.50	0.00	1.05	0.75	1.00	0.00	0.00	0.00	0.00	1.50
1050	1.30	1.50	0.00	1.05	0.75	1.30	0.00	0.00	0.00	0.00	1.50
1051	1.30	1.50	1.05	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.50
1052	1.30	1.50	1.05	0.00	0.00	1.30	0.00	0.00	0.00	0.00	1.50
1053	1.30	1.50	1.05	0.00	0.75	1.00	0.00	0.00	0.00	0.00	1.50
1054	1.30	1.50	1.05	0.00	0.75	1.30	0.00	0.00	0.00	0.00	1.50
1055	1.30	1.50	1.05	1.05	0.00	1.00	0.00	0.00	0.00	0.00	1.50
1056	1.30	1.50	1.05	1.05	0.00	1.30	0.00	0.00	0.00	0.00	1.50
1057	1.30	1.50	1.05	1.05	0.75	1.00	0.00	0.00	0.00	0.00	1.50
1058	1.30	1.50	1.05	1.05	0.75	1.30	0.00	0.00	0.00	0.00	1.50

**LEGENDA:**

Id<sub>Comb</sub>  
CC

Numero identificativo della Combinazione di Carico.  
Identificativo della tipologia di carico nella relativa tabella.  
CC 01= Carico Permanente  
CC 02= Permanenti NON Strutturali  
CC 03= Abitazioni  
CC 04= Autorimessa <= 30kN  
CC 05= Carico da Neve <= 1000 m s.l.m.  
CC 06= Spinta Terreno (statica)  
CC 07= Spinta Terreno (sisma)  
CC 08= Pressione del Vento (+X)  
CC 09= Pressione del Vento (-X)  
CC 10= Pressione del Vento (+Y)  
CC 11= Pressione del Vento (-Y)

**SLU: Sismica - Strutturale senza azioni geotecniche**

**SLU: Sismica - Strutturale senza azioni geotecniche**

Id <sub>Comb</sub>	CC 01	CC 02	CC 03	CC 04	CC 05	CC 06	CC 07	CC 08	CC 09	CC 10	CC 11
01	1.00	1.00	0.30	0.60	0.00	0.00	1.00	0.00	0.00	0.00	0.00

**LEGENDA:**

Id<sub>Comb</sub>  
CC

Numero identificativo della Combinazione di Carico.  
Identificativo della tipologia di carico nella relativa tabella.  
CC 01= Carico Permanente  
CC 02= Permanenti NON Strutturali  
CC 03= Abitazioni  
CC 04= Autorimessa <= 30kN  
CC 05= Carico da Neve <= 1000 m s.l.m.  
CC 06= Spinta Terreno (statica)  
CC 07= Spinta Terreno (sisma)  
CC 08= Pressione del Vento (+X)  
CC 09= Pressione del Vento (-X)  
CC 10= Pressione del Vento (+Y)  
CC 11= Pressione del Vento (-Y)

**COMBINAZIONI SISMICHE**

Alle combinazioni riportate nella precedente tabella è stato aggiunto l'effetto del sisma secondo la formula (3.2.16) riportata al punto 3.2.4 del D.M. 14-01-2008. L'azione sismica è stata considerata come caratterizzata da tre componenti traslazionali lungo i tre assi globali X, Y e Z; la risposta della struttura è stata calcolata separatamente per i tre effetti e quindi combinata secondo la seguente espressione simbolica:

$$\alpha = \alpha_i + 0,3 \cdot \alpha_{ii} + 0,3 \cdot \alpha_{iii}$$

con  $\alpha$  effetto totale dell'azione sismica,  $\alpha_i$ ,  $\alpha_{ii}$  e  $\alpha_{iii}$  azioni sismiche nelle tre direzioni. E' stata effettuata una rotazione degli indici e dei segni, per cui le combinazioni totali generate sono le:  
(con  $\alpha_p$  sollecitazione dovuta alla combinazione delle condizioni statiche e  $\alpha$  sollecitazione dovuta al sisma; in particolare  $\alpha_{xi}$ ,  $\alpha_{yi}$ ,  $\alpha_{zi}$ ,  $\alpha_{exi}$ ,  $\alpha_{eyi}$  sono rispettivamente le sollecitazioni dovute al sisma agente in direzione x, in direzioni y, in direzione z, per eccentricità accidentale positiva in direzione x e per eccentricità accidentale positiva in direzione y)

- 1)  $\alpha'_p + (\alpha_x + \alpha_{ex}) + 0,3 \cdot (\alpha_y + \alpha_{ey}) + 0,3 \cdot \alpha_{zi}$ ; 2)  $\alpha'_p + (\alpha_x + \alpha_{ex}) - 0,3 \cdot (\alpha_y + \alpha_{ey}) + 0,3 \cdot \alpha_{zi}$ ;
- 3)  $\alpha'_p + (\alpha_x + \alpha_{ex}) + 0,3 \cdot (\alpha_y + \alpha_{ey}) - 0,3 \cdot \alpha_{zi}$ ; 4)  $\alpha'_p + (\alpha_x + \alpha_{ex}) - 0,3 \cdot (\alpha_y + \alpha_{ey}) - 0,3 \cdot \alpha_{zi}$ ;
- 5)  $\alpha'_p + (\alpha_x + \alpha_{ex}) + 0,3 \cdot (\alpha_y - \alpha_{ey}) + 0,3 \cdot \alpha_{zi}$ ; 6)  $\alpha'_p + (\alpha_x + \alpha_{ex}) - 0,3 \cdot (\alpha_y - \alpha_{ey}) + 0,3 \cdot \alpha_{zi}$ ;
- 7)  $\alpha'_p + (\alpha_x + \alpha_{ex}) + 0,3 \cdot (\alpha_y - \alpha_{ey}) - 0,3 \cdot \alpha_{zi}$ ; 8)  $\alpha'_p + (\alpha_x + \alpha_{ex}) - 0,3 \cdot (\alpha_y - \alpha_{ey}) - 0,3 \cdot \alpha_{zi}$ ;
- 9)  $\alpha'_p + (\alpha_x - \alpha_{ex}) + 0,3 \cdot (\alpha_y + \alpha_{ey}) + 0,3 \cdot \alpha_{zi}$ ; 10)  $\alpha'_p + (\alpha_x - \alpha_{ex}) - 0,3 \cdot (\alpha_y + \alpha_{ey}) + 0,3 \cdot \alpha_{zi}$ ;
- 11)  $\alpha'_p + (\alpha_x - \alpha_{ex}) + 0,3 \cdot (\alpha_y + \alpha_{ey}) - 0,3 \cdot \alpha_{zi}$ ; 12)  $\alpha'_p + (\alpha_x - \alpha_{ex}) - 0,3 \cdot (\alpha_y + \alpha_{ey}) - 0,3 \cdot \alpha_{zi}$ ;
- 13)  $\alpha'_p + (\alpha_x - \alpha_{ex}) + 0,3 \cdot (\alpha_y - \alpha_{ey}) + 0,3 \cdot \alpha_{zi}$ ; 14)  $\alpha'_p + (\alpha_x - \alpha_{ex}) - 0,3 \cdot (\alpha_y - \alpha_{ey}) + 0,3 \cdot \alpha_{zi}$ ;
- 15)  $\alpha'_p + (\alpha_x - \alpha_{ex}) + 0,3 \cdot (\alpha_y - \alpha_{ey}) - 0,3 \cdot \alpha_{zi}$ ; 16)  $\alpha'_p + (\alpha_x - \alpha_{ex}) - 0,3 \cdot (\alpha_y - \alpha_{ey}) - 0,3 \cdot \alpha_{zi}$ ;
- 17)  $\alpha'_p + (\alpha_y + \alpha_{ey}) + 0,3 \cdot (\alpha_x + \alpha_{ex}) + 0,3 \cdot \alpha_{zi}$ ; 18)  $\alpha'_p + (\alpha_y + \alpha_{ey}) - 0,3 \cdot (\alpha_x + \alpha_{ex}) + 0,3 \cdot \alpha_{zi}$ ;



19)  $\alpha'_p + (\alpha_y + \alpha_{ey}) + 0,3 \cdot (\alpha_x + \alpha_{ex}) - 0,3 \cdot \alpha_z$ ; 20)  $\alpha'_p + (\alpha_y + \alpha_{ey}) - 0,3 \cdot (\alpha_x + \alpha_{ex}) - 0,3 \cdot \alpha_z$ ;  
21)  $\alpha'_p + (\alpha_y + \alpha_{ey}) + 0,3 \cdot (\alpha_x - \alpha_{ex}) + 0,3 \cdot \alpha_z$ ; 22)  $\alpha'_p + (\alpha_y + \alpha_{ey}) - 0,3 \cdot (\alpha_x - \alpha_{ex}) + 0,3 \cdot \alpha_z$ ;  
23)  $\alpha'_p + (\alpha_y + \alpha_{ey}) + 0,3 \cdot (\alpha_x - \alpha_{ex}) - 0,3 \cdot \alpha_z$ ; 24)  $\alpha'_p + (\alpha_y + \alpha_{ey}) - 0,3 \cdot (\alpha_x - \alpha_{ex}) - 0,3 \cdot \alpha_z$ ;  
25)  $\alpha'_p + (\alpha_y - \alpha_{ey}) + 0,3 \cdot (\alpha_x + \alpha_{ex}) + 0,3 \cdot \alpha_z$ ; 26)  $\alpha'_p + (\alpha_y - \alpha_{ey}) - 0,3 \cdot (\alpha_x + \alpha_{ex}) + 0,3 \cdot \alpha_z$ ;  
27)  $\alpha'_p + (\alpha_y - \alpha_{ey}) + 0,3 \cdot (\alpha_x + \alpha_{ex}) - 0,3 \cdot \alpha_z$ ; 28)  $\alpha'_p + (\alpha_y - \alpha_{ey}) - 0,3 \cdot (\alpha_x + \alpha_{ex}) - 0,3 \cdot \alpha_z$ ;  
29)  $\alpha'_p + (\alpha_y - \alpha_{ey}) + 0,3 \cdot (\alpha_x - \alpha_{ex}) + 0,3 \cdot \alpha_z$ ; 30)  $\alpha'_p + (\alpha_y - \alpha_{ey}) - 0,3 \cdot (\alpha_x - \alpha_{ex}) + 0,3 \cdot \alpha_z$ ;  
31)  $\alpha'_p + (\alpha_y - \alpha_{ey}) + 0,3 \cdot (\alpha_x - \alpha_{ex}) - 0,3 \cdot \alpha_z$ ; 32)  $\alpha'_p + (\alpha_y - \alpha_{ey}) - 0,3 \cdot (\alpha_x - \alpha_{ex}) - 0,3 \cdot \alpha_z$ ;  
33)  $\alpha'_p + \alpha_z + 0,3 \cdot (\alpha_x + \alpha_{ex}) + 0,3 \cdot (\alpha_y + \alpha_{ey})$ ; 34)  $\alpha'_p + \alpha_z - 0,3 \cdot (\alpha_x + \alpha_{ex}) + 0,3 \cdot (\alpha_y + \alpha_{ey})$ ;  
35)  $\alpha'_p + \alpha_z + 0,3 \cdot (\alpha_x + \alpha_{ex}) - 0,3 \cdot (\alpha_y + \alpha_{ey})$ ; 36)  $\alpha'_p + \alpha_z - 0,3 \cdot (\alpha_x + \alpha_{ex}) - 0,3 \cdot (\alpha_y + \alpha_{ey})$ ;  
37)  $\alpha'_p + \alpha_z + 0,3 \cdot (\alpha_x + \alpha_{ex}) + 0,3 \cdot (\alpha_y - \alpha_{ey})$ ; 38)  $\alpha'_p + \alpha_z - 0,3 \cdot (\alpha_x + \alpha_{ex}) + 0,3 \cdot (\alpha_y - \alpha_{ey})$ ;  
39)  $\alpha'_p + \alpha_z + 0,3 \cdot (\alpha_x + \alpha_{ex}) - 0,3 \cdot (\alpha_y - \alpha_{ey})$ ; 40)  $\alpha'_p + \alpha_z - 0,3 \cdot (\alpha_x + \alpha_{ex}) - 0,3 \cdot (\alpha_y - \alpha_{ey})$ ;  
41)  $\alpha'_p + \alpha_z + 0,3 \cdot (\alpha_x - \alpha_{ex}) + 0,3 \cdot (\alpha_y + \alpha_{ey})$ ; 42)  $\alpha'_p + \alpha_z - 0,3 \cdot (\alpha_x - \alpha_{ex}) + 0,3 \cdot (\alpha_y + \alpha_{ey})$ ;  
43)  $\alpha'_p + \alpha_z + 0,3 \cdot (\alpha_x - \alpha_{ex}) - 0,3 \cdot (\alpha_y + \alpha_{ey})$ ; 44)  $\alpha'_p + \alpha_z - 0,3 \cdot (\alpha_x - \alpha_{ex}) - 0,3 \cdot (\alpha_y + \alpha_{ey})$ ;  
45)  $\alpha'_p + \alpha_z + 0,3 \cdot (\alpha_x - \alpha_{ex}) + 0,3 \cdot (\alpha_y - \alpha_{ey})$ ; 46)  $\alpha'_p + \alpha_z - 0,3 \cdot (\alpha_x - \alpha_{ex}) + 0,3 \cdot (\alpha_y - \alpha_{ey})$ ;  
47)  $\alpha'_p + \alpha_z + 0,3 \cdot (\alpha_x - \alpha_{ex}) - 0,3 \cdot (\alpha_y - \alpha_{ey})$ ; 48)  $\alpha'_p + \alpha_z - 0,3 \cdot (\alpha_x - \alpha_{ex}) - 0,3 \cdot (\alpha_y - \alpha_{ey})$ .

Nel caso di verifiche effettuate con sollecitazioni composte, per tenere conto del fatto che le sollecitazioni sismiche sono state ricavate come CQC delle sollecitazioni derivanti dai modi di vibrazione, dette N, Mx, My, Tx e Ty le sollecitazioni dovute al sisma, per ognuna delle combinazioni precedenti, sono state ricavate 32 combinazioni di carico permutando nel seguente modo i segni delle sollecitazioni derivanti dal sisma:

1) N, Mx, My, Tx e Ty; 2) N, Mx, -My, Tx e Ty; 3) N, -Mx, My, Tx e Ty; 4) N, -Mx, -My, Tx e Ty; 5) -N, Mx, My, Tx e Ty; 6) -N, Mx, -My, Tx e Ty; 7) -N, -Mx, My, Tx e Ty; 8) -N, -Mx, -My, Tx e Ty; 9) N, Mx, My, Tx e -Ty; 10) N, Mx, -My, Tx e -Ty; 11) N, -Mx, My, Tx e -Ty; 12) N, -Mx, -My, Tx e -Ty; 13) -N, Mx, My, Tx e -Ty; 14) -N, Mx, -My, Tx e -Ty; 15) -N, -Mx, My, Tx e -Ty; 16) -N, -Mx, -My, Tx e -Ty; 17) N, Mx, My, -Tx e Ty; 18) N, Mx, -My, -Tx e Ty; 19) N, -Mx, My, -Tx e Ty; 20) N, -Mx, -My, -Tx e Ty; 21) -N, Mx, My, -Tx e Ty; 22) -N, Mx, -My, -Tx e Ty; 23) -N, -Mx, My, -Tx e Ty; 24) -N, -Mx, -My, -Tx e Ty; 25) N, Mx, My, -Tx e -Ty; 26) N, Mx, -My, -Tx e -Ty; 27) N, -Mx, My, -Tx e -Ty; 28) N, -Mx, -My, -Tx e -Ty; 29) -N, Mx, My, -Tx e -Ty; 30) -N, Mx, -My, -Tx e -Ty; 31) -N, -Mx, My, -Tx e -Ty; 32) -N, -Mx, -My, -Tx e -Ty.

## SERVIZIO(SLE): Caratteristica(RARA)

### SERVIZIO(SLE): Caratteristica(RARA)

Id <sub>Comb</sub>	CC 01	CC 02	CC 03	CC 04	CC 05	CC 06	CC 07	CC 08	CC 09	CC 10	CC 11
01	1.00	1.00	0.70	0.70	0.50	1.00	0.00	0.00	0.00	0.00	0.00
02	1.00	1.00	0.70	0.70	0.50	1.00	0.00	0.00	0.00	0.00	0.60
03	1.00	1.00	0.70	0.70	0.50	1.00	0.00	0.00	0.00	0.60	0.00
04	1.00	1.00	0.70	0.70	0.50	1.00	0.00	0.00	0.60	0.00	0.00
05	1.00	1.00	0.70	0.70	0.50	1.00	0.00	0.60	0.00	0.00	0.00
06	1.00	1.00	1.00	0.70	0.50	1.00	0.00	0.00	0.00	0.00	0.00
07	1.00	1.00	1.00	0.70	0.50	1.00	0.00	0.00	0.00	0.00	0.60
08	1.00	1.00	1.00	0.70	0.50	1.00	0.00	0.00	0.00	0.60	0.00
09	1.00	1.00	1.00	0.70	0.50	1.00	0.00	0.00	0.60	0.00	0.00
10	1.00	1.00	1.00	0.70	0.50	1.00	0.00	0.60	0.00	0.00	0.00
11	1.00	1.00	0.70	1.00	0.50	1.00	0.00	0.00	0.00	0.00	0.00
12	1.00	1.00	0.70	1.00	0.50	1.00	0.00	0.00	0.00	0.00	0.60
13	1.00	1.00	0.70	1.00	0.50	1.00	0.00	0.00	0.00	0.60	0.00
14	1.00	1.00	0.70	1.00	0.50	1.00	0.00	0.00	0.60	0.00	0.00
15	1.00	1.00	0.70	1.00	0.50	1.00	0.00	0.60	0.00	0.00	0.00
16	1.00	1.00	0.70	0.70	1.00	1.00	0.00	0.00	0.00	0.00	0.00
17	1.00	1.00	0.70	0.70	1.00	1.00	0.00	0.00	0.00	0.00	0.60
18	1.00	1.00	0.70	0.70	1.00	1.00	0.00	0.00	0.00	0.60	0.00
19	1.00	1.00	0.70	0.70	1.00	1.00	0.00	0.00	0.60	0.00	0.00
20	1.00	1.00	0.70	0.70	1.00	1.00	0.00	0.60	0.00	0.00	0.00
21	1.00	1.00	0.70	0.70	0.50	1.00	0.00	1.00	0.00	0.00	0.00
22	1.00	1.00	0.70	0.70	0.50	1.00	0.00	0.00	1.00	0.00	0.00
23	1.00	1.00	0.70	0.70	0.50	1.00	0.00	0.00	0.00	1.00	0.00
24	1.00	1.00	0.70	0.70	0.50	1.00	0.00	0.00	0.00	0.00	1.00

### LEGENDA:

Id<sub>Comb</sub>  
CC

Numero identificativo della Combinazione di Carico.  
Identificativo della tipologia di carico nella relativa tabella.  
CC 01= Carico Permanente  
CC 02= Permanenti NON Strutturali  
CC 03= Abitazioni  
CC 04= Autorimessa <= 30kN  
CC 05= Carico da Neve <= 1000 m s.l.m.  
CC 06= Spinta Terreno (statica)  
CC 07= Spinta Terreno (sisma)  
CC 08= Pressione del Vento (+X)  
CC 09= Pressione del Vento (-X)  
CC 10= Pressione del Vento (+Y)  
CC 11= Pressione del Vento (-Y)

## SERVIZIO(SLE): Frequente



**SERVIZIO(SLE): Frequente**

Id <sub>Comb</sub>	CC 01	CC 02	CC 03	CC 04	CC 05	CC 06	CC 07	CC 08	CC 09	CC 10	CC 11
01	1.00	1.00	0.30	0.60	0.00	1.00	0.00	0.00	0.00	0.00	0.00
02	1.00	1.00	0.50	0.60	0.00	1.00	0.00	0.00	0.00	0.00	0.00
03	1.00	1.00	0.30	0.70	0.00	1.00	0.00	0.00	0.00	0.00	0.00
04	1.00	1.00	0.30	0.60	0.20	1.00	0.00	0.00	0.00	0.00	0.00
05	1.00	1.00	0.30	0.60	0.00	1.00	0.00	0.20	0.00	0.00	0.00
06	1.00	1.00	0.30	0.60	0.00	1.00	0.00	0.00	0.20	0.00	0.00
07	1.00	1.00	0.30	0.60	0.00	1.00	0.00	0.00	0.00	0.20	0.00
08	1.00	1.00	0.30	0.60	0.00	1.00	0.00	0.00	0.00	0.00	0.20

**LEGENDA:**

Id<sub>Comb</sub>  
CC

Numero identificativo della Combinazione di Carico.  
Identificativo della tipologia di carico nella relativa tabella.  
CC 01= Carico Permanente  
CC 02= Permanenti NON Strutturali  
CC 03= Abitazioni  
CC 04= Autorimessa <= 30kN  
CC 05= Carico da Neve <= 1000 m s.l.m.  
CC 06= Spinta Terreno (statica)  
CC 07= Spinta Terreno (sisma)  
CC 08= Pressione del Vento (+X)  
CC 09= Pressione del Vento (-X)  
CC 10= Pressione del Vento (+Y)  
CC 11= Pressione del Vento (-Y)

**SERVIZIO(SLE): Quasi permanente**

**SERVIZIO(SLE): Quasi permanente**

Id <sub>Comb</sub>	CC 01	CC 02	CC 03	CC 04	CC 05	CC 06	CC 07	CC 08	CC 09	CC 10	CC 11
01	1.00	1.00	0.30	0.60	0.00	1.00	0.00	0.00	0.00	0.00	0.00

**LEGENDA:**

Id<sub>Comb</sub>  
CC

Numero identificativo della Combinazione di Carico.  
Identificativo della tipologia di carico nella relativa tabella.  
CC 01= Carico Permanente  
CC 02= Permanenti NON Strutturali  
CC 03= Abitazioni  
CC 04= Autorimessa <= 30kN  
CC 05= Carico da Neve <= 1000 m s.l.m.  
CC 06= Spinta Terreno (statica)  
CC 07= Spinta Terreno (sisma)  
CC 08= Pressione del Vento (+X)  
CC 09= Pressione del Vento (-X)  
CC 10= Pressione del Vento (+Y)  
CC 11= Pressione del Vento (-Y)

**COMBINAZIONI DI CARICO PER GEOTECNICA (Cedimenti)**

**Combinazioni di carico per geotecnica (Cedimenti)**

ICMB	Comb	λ
001	SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa <= 30kN * 0.7 + Carico da Neve <= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1	1.00
002	SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa <= 30kN * 0.7 + Carico da Neve <= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1 + Pressione del Vento (-Y) * 0.6	1.00
003	SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa <= 30kN * 0.7 + Carico da Neve <= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1 + Pressione del Vento (+Y) * 0.6	1.00
004	SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa <= 30kN * 0.7 + Carico da Neve <= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1 + Pressione del Vento (-X) * 0.6	1.00
005	SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa <= 30kN * 0.7 + Carico da Neve <= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1 + Pressione del Vento (+X) * 0.6	1.00
006	SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 1 + Autorimessa <= 30kN * 0.7 + Carico da Neve <= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1	1.00
007	SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 1 + Autorimessa <= 30kN * 0.7 + Carico da Neve <= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1 + Pressione del Vento (-Y) * 0.6	1.00
008	SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 1 + Autorimessa <= 30kN * 0.7 + Carico da Neve <= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1 + Pressione del Vento (+Y) * 0.6	1.00
009	SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 1 + Autorimessa <= 30kN * 0.7 + Carico da Neve <= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1 + Pressione del Vento (-X) * 0.6	1.00
010	SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 1 + Autorimessa <= 30kN * 0.7 + Carico da Neve <= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1 + Pressione del Vento (+X) * 0.6	1.00
011	SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa <= 30kN * 1 + Carico da Neve <= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1	1.00
012	SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa <= 30kN * 1 + Carico da Neve <= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1 + Pressione del Vento (-Y) * 0.6	1.00



Combinazioni di carico per geotecnica (Cedimenti)		
$n_{CMB}$	Comb	$\lambda$
013	SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa <= 30kN * 1 + Carico da Neve <= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1 + Pressione del Vento (+Y) * 0.6	1.00
014	SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa <= 30kN * 1 + Carico da Neve <= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1 + Pressione del Vento (-X) * 0.6	1.00
015	SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa <= 30kN * 1 + Carico da Neve <= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1 + Pressione del Vento (+X) * 0.6	1.00
016	SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa <= 30kN * 0.7 + Carico da Neve <= 1000 m s.l.m. * 1 + Spinta Terreno (statica) * 1	1.00
017	SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa <= 30kN * 0.7 + Carico da Neve <= 1000 m s.l.m. * 1 + Spinta Terreno (statica) * 1 + Pressione del Vento (-Y) * 0.6	1.00
018	SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa <= 30kN * 0.7 + Carico da Neve <= 1000 m s.l.m. * 1 + Spinta Terreno (statica) * 1 + Pressione del Vento (+Y) * 0.6	1.00
019	SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa <= 30kN * 0.7 + Carico da Neve <= 1000 m s.l.m. * 1 + Spinta Terreno (statica) * 1 + Pressione del Vento (-X) * 0.6	1.00
020	SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa <= 30kN * 0.7 + Carico da Neve <= 1000 m s.l.m. * 1 + Spinta Terreno (statica) * 1 + Pressione del Vento (+X) * 0.6	1.00
021	SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa <= 30kN * 0.7 + Carico da Neve <= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1 + Pressione del Vento (+X) * 1	1.00
022	SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa <= 30kN * 0.7 + Carico da Neve <= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1 + Pressione del Vento (-X) * 1	1.00
023	SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa <= 30kN * 0.7 + Carico da Neve <= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1 + Pressione del Vento (+Y) * 1	1.00
024	SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa <= 30kN * 0.7 + Carico da Neve <= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1 + Pressione del Vento (-Y) * 1	1.00
025	SLE Freq:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.3 + Autorimessa <= 30kN * 0.6 + Spinta Terreno (statica) * 1	1.00
026	SLE Freq:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.5 + Autorimessa <= 30kN * 0.6 + Spinta Terreno (statica) * 1	1.00
027	SLE Freq:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.3 + Autorimessa <= 30kN * 0.7 + Spinta Terreno (statica) * 1	1.00
028	SLE Freq:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.3 + Autorimessa <= 30kN * 0.6 + Carico da Neve <= 1000 m s.l.m. * 0.2 + Spinta Terreno (statica) * 1	1.00
029	SLE Freq:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.3 + Autorimessa <= 30kN * 0.6 + Spinta Terreno (statica) * 1 + Pressione del Vento (+X) * 0.2	1.00
030	SLE Freq:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.3 + Autorimessa <= 30kN * 0.6 + Spinta Terreno (statica) * 1 + Pressione del Vento (-X) * 0.2	1.00
031	SLE Freq:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.3 + Autorimessa <= 30kN * 0.6 + Spinta Terreno (statica) * 1 + Pressione del Vento (+Y) * 0.2	1.00
032	SLE Freq:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.3 + Autorimessa <= 30kN * 0.6 + Spinta Terreno (statica) * 1 + Pressione del Vento (-Y) * 0.2	1.00
033	SLE Perm:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.3 + Autorimessa <= 30kN * 0.6 + Spinta Terreno (statica) * 1	1.00

## LEGENDA:

$n_{CMB}$  Numero identificativo della Combinazione di Carico.

Comb Descrizione della Combinazione di Carico.

$\lambda$  Moltiplicatore delle azioni orizzontali ( $\lambda=1$  se tutte le azioni applicate sono in equilibrio con la reazione del terreno;  $\lambda<1$  se la reazione del terreno è in grado di equilibrare solo un'aliquota delle azioni esterne).

## COMBINAZIONI DI CARICO PER GEOTECNICA (Scorrimento)

Combinazioni di carico per geotecnica (Scorrimento)		
$n_{CMB}$	Comb	$\lambda$
001	SLU:Carico Permanente * 1	1.00
002	SLU:Carico Permanente * 1 + Permanenti NON Strutturali * 0.8 + Spinta Terreno (statica) * 1	1.00
003	SLU:Carico Permanente * 1 + Permanenti NON Strutturali * 0.8 + Spinta Terreno (statica) * 1 + Pressione del Vento (-Y) * 0.9	1.00
004	SLU:Carico Permanente * 1 + Permanenti NON Strutturali * 0.8 + Spinta Terreno (statica) * 1 + Pressione del Vento (+Y) * 0.9	1.00
005	SLU:Carico Permanente * 1 + Permanenti NON Strutturali * 0.8 + Spinta Terreno (statica) * 1 + Pressione del Vento (-X) * 0.9	1.00
006	SLU:Carico Permanente * 1 + Permanenti NON Strutturali * 0.8 + Spinta Terreno (statica) * 1 + Pressione del Vento (+X) * 0.9	1.00
007	SLU:Carico Permanente * 1 + Permanenti NON Strutturali * 0.8 + Spinta Terreno (statica) * 1.3	1.00
008	SLU:Carico Permanente * 1 + Permanenti NON Strutturali * 0.8 + Spinta Terreno (statica) * 1.3 + Pressione del Vento (-Y) * 0.9	1.00
009	SLU:Carico Permanente * 1 + Permanenti NON Strutturali * 0.8 + Spinta Terreno (statica) * 1.3 + Pressione del Vento (+Y) * 0.9	1.00
010	SLU:Carico Permanente * 1 + Permanenti NON Strutturali * 0.8 + Spinta Terreno (statica) * 1.3 + Pressione del Vento (-X) * 0.9	1.00
011	SLU:Carico Permanente * 1 + Permanenti NON Strutturali * 0.8 + Spinta Terreno (statica) * 1.3 + Pressione del Vento (+X) * 0.9	1.00
012	SLU:Carico Permanente * 1 + Permanenti NON Strutturali * 0.8 + Carico da Neve <= 1000 m s.l.m. * 0.75 + Spinta Terreno (statica) * 1	1.00
013	SLU:Carico Permanente * 1 + Permanenti NON Strutturali * 0.8 + Carico da Neve <= 1000 m s.l.m. * 0.75 + Spinta Terreno (statica) * 1 + Pressione del Vento (-Y) * 0.9	1.00
014	SLU:Carico Permanente * 1 + Permanenti NON Strutturali * 0.8 + Carico da Neve <= 1000 m s.l.m. * 0.75 + Spinta Terreno (statica) * 1 + Pressione del Vento (+Y) * 0.9	1.00
015	SLU:Carico Permanente * 1 + Permanenti NON Strutturali * 0.8 + Carico da Neve <= 1000 m s.l.m. * 0.75 + Spinta Terreno (statica) * 1 + Pressione del Vento (-X) * 0.9	1.00
016	SLU:Carico Permanente * 1 + Permanenti NON Strutturali * 0.8 + Carico da Neve <= 1000 m s.l.m. * 0.75 + Spinta Terreno (statica) * 1 + Pressione del Vento (+X) * 0.9	1.00
017	SLU:Carico Permanente * 1 + Permanenti NON Strutturali * 0.8 + Carico da Neve <= 1000 m s.l.m. * 0.75 + Spinta Terreno (statica) * 1.3	1.00
018	SLU:Carico Permanente * 1 + Permanenti NON Strutturali * 0.8 + Carico da Neve <= 1000 m s.l.m. * 0.75 + Spinta Terreno (statica) * 1.3 + Pressione del Vento (-Y) * 0.9	1.00
019	SLU:Carico Permanente * 1 + Permanenti NON Strutturali * 0.8 + Carico da Neve <= 1000 m s.l.m. * 0.75 + Spinta Terreno (statica) * 1.3 + Pressione del Vento (+Y) * 0.9	1.00



[illegible]



[illegible]



[illegible]



[illegible]







[illegible]



[illegible]



[illegible]



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[illegible]







#### Dati generali analisi sismica

Ang	NV	CD	MP	Dir	TS	EcA	Ir <sub>tmp</sub>	C.S.T.	RP	RH	ξ
[°]											[%]
<b>MP</b>	Tipo di struttura sismo-resistente prevalente: [ca] = calcestruzzo armato - [caOld] = calcestruzzo armato esistente - [muOld] = muratura esistente - [muNew] = muratura nuova - [muArm] = muratura armata - [ac] = acciaio.										
<b>Dir</b>	Direzione del sisma.										
<b>TS</b>	Tipologia della struttura: Cemento armato: [T 1C] = Telai ad una sola campata - [T+C] = Telai a più campate - [P] = Pareti accoppiate o miste equivalenti a pareti - [2P NC] = Due pareti per direzione non accoppiate - [P NC] = Pareti non accoppiate - [DT] = Deformabili torsionalmente - [PI] = Pendolo inverso - [PM] = Pendolo inverso intelaiate monopiano; Muratura: [P] = un solo piano - [PP] = più di un piano; Acciaio: [T 1C] = Telai ad una sola campata - [T+C] = Telai a più campate - [CT] = controventi concentrici diagonale tesa - [CV] = controventi concentrici a V - [M] = mensola o pendolo inverso - [TT] = telaio con tamponature.										
<b>EcA</b>	Eccentricità accidentale: [S] = considerata come condizione di carico statica aggiuntiva - [N] = Considerata come incremento delle sollecitazioni.										
<b>Ir<sub>tmp</sub></b>	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.										
<b>C.S.T.</b>	Categoria di sottosuolo: [A] = Ammassi rocciosi affioranti o terreni molto rigidi - [B] = Rocce tenere e depositi di terreni a grana grossa molto addensati o terreni a grana fina molto consistenti - [C] = Depositi di terreni a grana grossa mediamente addensati o terreni a grana fina mediamente consistenti - [D] = Depositi di terreni a grana grossa scarsamente addensati o di terreni a grana fina scarsamente consistenti - [E] = Terreni dei sottosuoli di tipo C o D per spessore non superiore a 20 m - [S1] = Depositi di terreni caratterizzati da valori di $V_{s,30}$ inferiori a 100 m/s (ovvero $10 < c_{u,30} < 20$ kPa), che includono uno strato di almeno 8 m di terreni a grana fina di bassa consistenza, oppure che includono almeno 3 m di torba o di argille altamente organiche - [S2] = Depositi di terreni suscettibili di liquefazione, di argille sensitive o qualsiasi altra categoria di sottosuolo non classificabile nei tipi precedenti.										
<b>RP</b>	Regolarità in pianta: [SI] = Struttura regolare - [NO] = Struttura non regolare.										
<b>RH</b>	Regolarità in altezza: [SI] = Struttura regolare - [NO] = Struttura non regolare.										
<b>ξ</b>	Coefficiente viscoso equivalente.										
<b>NOTE</b>	[-] = Parametro non significativo per il tipo di calcolo effettuato.										

### DATI GENERALI ANALISI SISMICA - FATTORI DI STRUTTURA

Dir	q	q <sub>0</sub>	k <sub>R</sub>	α <sub>u</sub> /α <sub>1</sub>	Fattori di struttura K <sub>w</sub>
X	3.200	4.00	0.8	1.00	-
Y	3.200	4.00	0.8	1.00	-
Z	1.500	-	-	-	-

#### LEGENDA:

<b>q</b>	Fattore di riduzione dello spettro di risposta sismico allo SLU (Fattore di struttura).
<b>q<sub>0</sub></b>	Valore di base (comprensivo di K <sub>w</sub> ).
<b>k<sub>R</sub></b>	Fattore riduttivo funzione della regolarità in altezza.
<b>α<sub>u</sub>/α<sub>1</sub></b>	Rapporto di sovraresistenza.
<b>K<sub>w</sub></b>	Fattore di riduzione di q <sub>0</sub> .

Stato Limite	T <sub>r</sub>	a <sub>g</sub> /g	Amplif. Stratigrafica S <sub>s</sub>	C <sub>c</sub>	F <sub>0</sub>	T <sub>c</sub> <sup>*</sup>	T <sub>B</sub>	T <sub>C</sub>	T <sub>D</sub>
	[t]					[s]	[s]	[s]	[s]
SLO	30	0.0450	1.500	1.594	2.346	0.282	0.150	0.450	1.780
SLD	50	0.0589	1.500	1.543	2.344	0.312	0.160	0.481	1.836
SLV	475	0.1631	1.467	1.493	2.386	0.344	0.171	0.514	2.252
SLC	975	0.2075	1.395	1.491	2.452	0.346	0.172	0.515	2.430

#### LEGENDA:

<b>T<sub>r</sub></b>	Periodo di ritorno dell'azione sismica. [t] = anni.
<b>a<sub>g</sub>/g</b>	Coefficiente di accelerazione al suolo.
<b>S<sub>s</sub></b>	Coefficienti di Amplificazione Stratigrafica allo SLO/SLD/SLV/SLC.
<b>C<sub>c</sub></b>	Coefficienti di Amplificazione di T <sub>c</sub> allo SLO/SLD/SLV/SLC.
<b>F<sub>0</sub></b>	Valore massimo del fattore di amplificazione dello spettro in accelerazione orizzontale.
<b>T<sub>c</sub><sup>*</sup></b>	Periodo di inizio del tratto a velocità costante dello spettro in accelerazione orizzontale.
<b>T<sub>B</sub></b>	Periodo di inizio del tratto accelerazione costante dello spettro di progetto.
<b>T<sub>C</sub></b>	Periodo di inizio del tratto a velocità costante dello spettro di progetto.
<b>T<sub>D</sub></b>	Periodo di inizio del tratto a spostamento costante dello spettro di progetto.

Cl Ed	V <sub>N</sub>	V <sub>R</sub>	Lat.	Long.	Q <sub>a</sub>	C <sub>Top</sub>	S <sub>T</sub>
	[t]	[t]	[°ssdc]	[°ssdc]	[m]		
2	50	50	40.8952	14.2619	104	T1	1.00

#### LEGENDA:

<b>Cl Ed</b>	Classe dell'edificio
<b>Lat.</b>	Latitudine geografica del sito.
<b>Long.</b>	Longitudine geografica del sito.
<b>Q<sub>a</sub></b>	Altitudine geografica del sito.
<b>C<sub>Top</sub></b>	Categoria topografica (Vedi NOTE).
<b>S<sub>T</sub></b>	Coefficiente di amplificazione topografica.



CI Ed	V <sub>N</sub> [t]	V <sub>R</sub> [t]	Lat. [°ssdc]	Long. [°ssdc]	Q <sub>a</sub> [m]	CTop	S <sub>T</sub>
2	50	50	40.8952	14.2619	104	T1	1.00

**NOTE** [-] = Parametro non significativo per il tipo di calcolo effettuato.  
 Categoria topografica.  
 T1: Superficie pianeggiante, pendii e rilievi isolati con inclinazione media  $i \leq 15^\circ$ .  
 T2: Pendii con inclinazione media  $i > 15^\circ$ .  
 T3: Rilievi con larghezza in cresta molto minore che alla base e inclinazione media  $15^\circ \leq i \leq 30^\circ$ .  
 T4: Rilievi con larghezza in cresta molto minore che alla base e inclinazione media  $i > 30^\circ$ .

## PRINCIPALI ELEMENTI ANALISI SISMICA

Dir	M <sub>Str</sub> [N-s/m]	M <sub>SLU</sub> [N-s/m]	M <sub>Ecc,SLU</sub> [N-s/m]	M <sub>SLD</sub> [N-s/m]	M <sub>Ecc,SLD</sub> [N-s/m]	%T.M <sub>Ecc</sub> [%]	ΣV <sub>Ed,SLU</sub> [N]
X	21,141	3,054	3,051	3,054	3,051	99.98	5,355
Y	21,141	3,054	3,052	3,054	3,052	99.97	5,342
Z	21,141	0	0	0	0	100.00	0

### LEGENDA:

**Dir** Direzione del sisma.  
**M<sub>Str</sub>** Massa complessiva della struttura.  
**M<sub>SLU</sub>** Massa eccitabile allo SLU.  
**M<sub>Ecc,SLU</sub>** Massa Eccitata dal sisma allo SLU.  
**M<sub>SLD</sub>** Massa eccitabile della struttura allo SLD, nelle direzioni X, Y, Z.  
**M<sub>Ecc,SLD</sub>** Massa Eccitata dal sisma allo SLD.  
**%T.M<sub>Ecc</sub>** Percentuale Totale di Masse Eccitate dal sisma.  
**ΣV<sub>Ed,SLU</sub>** Tagliante totale, alla base, per sisma allo SLU.

## RIEPILOGO MODI DI VIBRAZIONE MODI DI VIBRAZIONE N.30

Sptr	T [s]	a <sub>a,0</sub> [m/s <sup>2</sup> ]	a <sub>a,v</sub> [m/s <sup>2</sup> ]	Γ	CM	%M.M [%]	M <sub>Ecc</sub> [N-s/m]
<b>Modo Vibrazione n. 1</b>							
SLU-X	0.170	1.754	0.000	-53.788	-0.0395	94.73	2,893
SLU-Y	0.170	1.754	0.000	-0.137	-0.0001	0.00	0
SLU-Z	0.000	0.000	0.872	0.000	0.0000	0.00	0
SLD-X	0.170	2.033	0.000	-53.788	-0.0395	94.73	2,893
SLD-Y	0.170	2.033	0.000	-0.137	-0.0001	0.00	0
SLD-Z	0.000	0.000	0.189	0.000	0.0000	0.00	0
Elast-X	-	2.033	0.000	-	-	-	-
Elast-Y	-	2.033	0.000	-	-	-	-
Elast-Z	-	0.000	0.872	-	-	-	-
<b>Modo Vibrazione n. 2</b>							
SLU-X	0.278	1.749	0.000	-0.312	-0.0006	0.00	0
SLU-Y	0.278	1.749	0.000	47.347	0.0930	73.40	2,242
SLU-Z	0.000	0.000	0.872	0.000	0.0000	0.00	0
SLD-X	0.278	2.033	0.000	-0.312	-0.0006	0.00	0
SLD-Y	0.278	2.033	0.000	47.347	0.0930	73.40	2,242
SLD-Z	0.000	0.000	0.189	0.000	0.0000	0.00	0
Elast-X	-	2.033	0.000	-	-	-	-
Elast-Y	-	2.033	0.000	-	-	-	-
Elast-Z	-	0.000	0.872	-	-	-	-
<b>Modo Vibrazione n. 3</b>							
SLU-X	0.232	1.749	0.000	0.622	0.0008	0.01	0
SLU-Y	0.232	1.749	0.000	22.807	0.0310	17.03	520
SLU-Z	0.000	0.000	0.872	0.000	0.0000	0.00	0
SLD-X	0.232	2.033	0.000	0.622	0.0008	0.01	0
SLD-Y	0.232	2.033	0.000	22.807	0.0310	17.03	520
SLD-Z	0.000	0.000	0.189	0.000	0.0000	0.00	0
Elast-X	-	2.033	0.000	-	-	-	-
Elast-Y	-	2.033	0.000	-	-	-	-
Elast-Z	-	0.000	0.872	-	-	-	-
<b>Modo Vibrazione n. 4</b>							
SLU-X	0.056	2.150	0.000	12.186	0.0010	4.86	148
SLU-Y	0.056	2.150	0.000	-0.060	0.0000	0.00	0
SLU-Z	0.000	0.000	0.872	0.000	0.0000	0.00	0
SLD-X	0.056	1.277	0.000	12.186	0.0010	4.86	148
SLD-Y	0.056	1.277	0.000	-0.060	0.0000	0.00	0
SLD-Z	0.000	0.000	0.189	0.000	0.0000	0.00	0
Elast-X	-	1.277	0.000	-	-	-	-
Elast-Y	-	1.277	0.000	-	-	-	-
Elast-Z	-	0.000	0.872	-	-	-	-
<b>Modo Vibrazione n. 5</b>							
SLU-X	0.061	2.135	0.000	0.358	0.0000	0.00	0
SLU-Y	0.061	2.135	0.000	9.787	0.0009	3.14	96
SLU-Z	0.000	0.000	0.872	0.000	0.0000	0.00	0



Sptr	T	a <sub>q,o</sub>	a <sub>q,v</sub>	Γ	CM	%M.M	M <sub>Ecc</sub>
SLD-X	0.061	1.308	0.000	0.358	0.0000	0.00	0
SLD-Y	0.061	1.308	0.000	9.787	0.0009	3.14	96
SLD-Z	0.000	0.000	0.189	0.000	0.0000	0.00	0
Elast-X	-	1.308	0.000	-	-	-	-
Elast-Y	-	1.308	0.000	-	-	-	-
Elast-Z	-	0.000	0.872	-	-	-	-
<b>Modo Vibrazione n. 6</b>							
SLU-X	0.066	2.117	0.000	0.566	0.0001	0.01	0
SLU-Y	0.066	2.117	0.000	-7.984	-0.0009	2.09	64
SLU-Z	0.000	0.000	0.872	0.000	0.0000	0.00	0
SLD-X	0.066	1.346	0.000	0.566	0.0001	0.01	0
SLD-Y	0.066	1.346	0.000	-7.984	-0.0009	2.09	64
SLD-Z	0.000	0.000	0.189	0.000	0.0000	0.00	0
Elast-X	-	1.346	0.000	-	-	-	-
Elast-Y	-	1.346	0.000	-	-	-	-
Elast-Z	-	0.000	0.872	-	-	-	-
<b>Modo Vibrazione n. 7</b>							
SLU-X	0.106	1.975	0.000	-0.026	0.0000	0.00	0
SLU-Y	0.106	1.975	0.000	7.329	0.0021	1.76	54
SLU-Z	0.000	0.000	0.872	0.000	0.0000	0.00	0
SLD-X	0.106	1.642	0.000	-0.026	0.0000	0.00	0
SLD-Y	0.106	1.642	0.000	7.329	0.0021	1.76	54
SLD-Z	0.000	0.000	0.189	0.000	0.0000	0.00	0
Elast-X	-	1.642	0.000	-	-	-	-
Elast-Y	-	1.642	0.000	-	-	-	-
Elast-Z	-	0.000	0.872	-	-	-	-
<b>Modo Vibrazione n. 8</b>							
SLU-X	0.112	1.956	0.000	0.634	0.0002	0.01	0
SLU-Y	0.112	1.956	0.000	-7.222	-0.0023	1.71	52
SLU-Z	0.000	0.000	0.872	0.000	0.0000	0.00	0
SLD-X	0.112	1.680	0.000	0.634	0.0002	0.01	0
SLD-Y	0.112	1.680	0.000	-7.222	-0.0023	1.71	52
SLD-Z	0.000	0.000	0.189	0.000	0.0000	0.00	0
Elast-X	-	1.680	0.000	-	-	-	-
Elast-Y	-	1.680	0.000	-	-	-	-
Elast-Z	-	0.000	0.872	-	-	-	-
<b>Modo Vibrazione n. 9</b>							
SLU-X	0.044	2.194	0.000	-0.063	0.0000	0.00	0
SLU-Y	0.044	2.194	0.000	2.855	0.0001	0.27	8
SLU-Z	0.000	0.000	0.872	0.000	0.0000	0.00	0
SLD-X	0.044	1.185	0.000	-0.063	0.0000	0.00	0
SLD-Y	0.044	1.185	0.000	2.855	0.0001	0.27	8
SLD-Z	0.000	0.000	0.189	0.000	0.0000	0.00	0
Elast-X	-	1.185	0.000	-	-	-	-
Elast-Y	-	1.185	0.000	-	-	-	-
Elast-Z	-	0.000	0.872	-	-	-	-
<b>Modo Vibrazione n. 10</b>							
SLU-X	0.015	2.292	0.000	0.286	0.0000	0.00	0
SLU-Y	0.015	2.292	0.000	-2.772	0.0000	0.25	8
SLU-Z	0.000	0.000	0.872	0.000	0.0000	0.00	0
SLD-X	0.015	0.979	0.000	0.286	0.0000	0.00	0
SLD-Y	0.015	0.979	0.000	-2.772	0.0000	0.25	8
SLD-Z	0.000	0.000	0.189	0.000	0.0000	0.00	0
Elast-X	-	0.979	0.000	-	-	-	-
Elast-Y	-	0.979	0.000	-	-	-	-
Elast-Z	-	0.000	0.872	-	-	-	-
<b>Modo Vibrazione n. 11</b>							
SLU-X	0.028	2.247	0.000	2.063	0.0000	0.14	4
SLU-Y	0.028	2.247	0.000	-0.184	0.0000	0.00	0
SLU-Z	0.000	0.000	0.872	0.000	0.0000	0.00	0
SLD-X	0.028	1.074	0.000	2.063	0.0000	0.14	4
SLD-Y	0.028	1.074	0.000	-0.184	0.0000	0.00	0
SLD-Z	0.000	0.000	0.189	0.000	0.0000	0.00	0
Elast-X	-	1.074	0.000	-	-	-	-
Elast-Y	-	1.074	0.000	-	-	-	-
Elast-Z	-	0.000	0.872	-	-	-	-
<b>Modo Vibrazione n. 12</b>							
SLU-X	0.034	2.227	0.000	0.094	0.0000	0.00	0
SLU-Y	0.034	2.227	0.000	-1.614	0.0000	0.09	3
SLU-Z	0.000	0.000	0.872	0.000	0.0000	0.00	0
SLD-X	0.034	1.115	0.000	0.094	0.0000	0.00	0
SLD-Y	0.034	1.115	0.000	-1.614	0.0000	0.09	3
SLD-Z	0.000	0.000	0.189	0.000	0.0000	0.00	0
Elast-X	-	1.115	0.000	-	-	-	-
Elast-Y	-	1.115	0.000	-	-	-	-
Elast-Z	-	0.000	0.872	-	-	-	-
<b>Modo Vibrazione n. 13</b>							



Sptr	T	a <sub>q,o</sub>	a <sub>q,v</sub>	Γ	CM	%M.M	M <sub>Ecc</sub>
SLU-X	0.020	2.276	0.000	-1.534	0.0000	0.08	2
SLU-Y	0.020	2.276	0.000	-0.040	0.0000	0.00	0
SLU-Z	0.000	0.000	0.872	0.000	0.0000	0.00	0
SLD-X	0.020	1.014	0.000	-1.534	0.0000	0.08	2
SLD-Y	0.020	1.014	0.000	-0.040	0.0000	0.00	0
SLD-Z	0.000	0.000	0.189	0.000	0.0000	0.00	0
Elast-X	-	1.014	0.000	-	-	-	-
Elast-Y	-	1.014	0.000	-	-	-	-
Elast-Z	-	0.000	0.872	-	-	-	-
<b>Modo Vibrazione n. 14</b>							
SLU-X	0.015	2.293	0.000	1.324	0.0000	0.06	2
SLU-Y	0.015	2.293	0.000	0.409	0.0000	0.01	0
SLU-Z	0.000	0.000	0.872	0.000	0.0000	0.00	0
SLD-X	0.015	0.978	0.000	1.324	0.0000	0.06	2
SLD-Y	0.015	0.978	0.000	0.409	0.0000	0.01	0
SLD-Z	0.000	0.000	0.189	0.000	0.0000	0.00	0
Elast-X	-	0.978	0.000	-	-	-	-
Elast-Y	-	0.978	0.000	-	-	-	-
Elast-Z	-	0.000	0.872	-	-	-	-
<b>Modo Vibrazione n. 15</b>							
SLU-X	0.023	2.266	0.000	-0.160	0.0000	0.00	0
SLU-Y	0.023	2.266	0.000	1.271	0.0000	0.05	2
SLU-Z	0.000	0.000	0.872	0.000	0.0000	0.00	0
SLD-X	0.023	1.034	0.000	-0.160	0.0000	0.00	0
SLD-Y	0.023	1.034	0.000	1.271	0.0000	0.05	2
SLD-Z	0.000	0.000	0.189	0.000	0.0000	0.00	0
Elast-X	-	1.034	0.000	-	-	-	-
Elast-Y	-	1.034	0.000	-	-	-	-
Elast-Z	-	0.000	0.872	-	-	-	-
<b>Modo Vibrazione n. 16</b>							
SLU-X	0.027	2.252	0.000	-0.133	0.0000	0.00	0
SLU-Y	0.027	2.252	0.000	-1.175	0.0000	0.05	1
SLU-Z	0.000	0.000	0.872	0.000	0.0000	0.00	0
SLD-X	0.027	1.064	0.000	-0.133	0.0000	0.00	0
SLD-Y	0.027	1.064	0.000	-1.175	0.0000	0.05	1
SLD-Z	0.000	0.000	0.189	0.000	0.0000	0.00	0
Elast-X	-	1.064	0.000	-	-	-	-
Elast-Y	-	1.064	0.000	-	-	-	-
Elast-Z	-	0.000	0.872	-	-	-	-
<b>Modo Vibrazione n. 17</b>							
SLU-X	0.029	2.246	0.000	-0.194	0.0000	0.00	0
SLU-Y	0.029	2.246	0.000	-1.131	0.0000	0.04	1
SLU-Z	0.000	0.000	0.872	0.000	0.0000	0.00	0
SLD-X	0.029	1.076	0.000	-0.194	0.0000	0.00	0
SLD-Y	0.029	1.076	0.000	-1.131	0.0000	0.04	1
SLD-Z	0.000	0.000	0.189	0.000	0.0000	0.00	0
Elast-X	-	1.076	0.000	-	-	-	-
Elast-Y	-	1.076	0.000	-	-	-	-
Elast-Z	-	0.000	0.872	-	-	-	-
<b>Modo Vibrazione n. 18</b>							
SLU-X	0.073	2.090	0.000	0.009	0.0000	0.00	0
SLU-Y	0.073	2.090	0.000	0.898	0.0001	0.03	1
SLU-Z	0.000	0.000	0.872	0.000	0.0000	0.00	0
SLD-X	0.073	1.401	0.000	0.009	0.0000	0.00	0
SLD-Y	0.073	1.401	0.000	0.898	0.0001	0.03	1
SLD-Z	0.000	0.000	0.189	0.000	0.0000	0.00	0
Elast-X	-	1.401	0.000	-	-	-	-
Elast-Y	-	1.401	0.000	-	-	-	-
Elast-Z	-	0.000	0.872	-	-	-	-
<b>Modo Vibrazione n. 19</b>							
SLU-X	0.009	2.315	0.000	-0.835	0.0000	0.02	1
SLU-Y	0.009	2.315	0.000	0.270	0.0000	0.00	0
SLU-Z	0.000	0.000	0.872	0.000	0.0000	0.00	0
SLD-X	0.009	0.933	0.000	-0.835	0.0000	0.02	1
SLD-Y	0.009	0.933	0.000	0.270	0.0000	0.00	0
SLD-Z	0.000	0.000	0.189	0.000	0.0000	0.00	0
Elast-X	-	0.933	0.000	-	-	-	-
Elast-Y	-	0.933	0.000	-	-	-	-
Elast-Z	-	0.000	0.872	-	-	-	-
<b>Modo Vibrazione n. 20</b>							
SLU-X	0.011	2.308	0.000	-0.829	0.0000	0.02	1
SLU-Y	0.011	2.308	0.000	-0.172	0.0000	0.00	0
SLU-Z	0.000	0.000	0.872	0.000	0.0000	0.00	0
SLD-X	0.011	0.948	0.000	-0.829	0.0000	0.02	1
SLD-Y	0.011	0.948	0.000	-0.172	0.0000	0.00	0
SLD-Z	0.000	0.000	0.189	0.000	0.0000	0.00	0
Elast-X	-	0.948	0.000	-	-	-	-



Sptr	T	a <sub>q,o</sub>	a <sub>q,v</sub>	Γ	CM	%M.M	M <sub>Ecc</sub>
Elast-Y	-	0.948	0.000	-	-	-	-
Elast-Z	-	0.000	0.872	-	-	-	-
<b>Modo Vibrazione n. 21</b>							
SLU-X	0.013	2.299	0.000	0.126	0.0000	0.00	0
SLU-Y	0.013	2.299	0.000	0.665	0.0000	0.01	0
SLU-Z	0.000	0.000	0.872	0.000	0.0000	0.00	0
SLD-X	0.013	0.965	0.000	0.126	0.0000	0.00	0
SLD-Y	0.013	0.965	0.000	0.665	0.0000	0.01	0
SLD-Z	0.000	0.000	0.189	0.000	0.0000	0.00	0
Elast-X	-	0.965	0.000	-	-	-	-
Elast-Y	-	0.965	0.000	-	-	-	-
Elast-Z	-	0.000	0.872	-	-	-	-
<b>Modo Vibrazione n. 22</b>							
SLU-X	0.019	2.280	0.000	0.041	0.0000	0.00	0
SLU-Y	0.019	2.280	0.000	-0.595	0.0000	0.01	0
SLU-Z	0.000	0.000	0.872	0.000	0.0000	0.00	0
SLD-X	0.019	1.006	0.000	0.041	0.0000	0.00	0
SLD-Y	0.019	1.006	0.000	-0.595	0.0000	0.01	0
SLD-Z	0.000	0.000	0.189	0.000	0.0000	0.00	0
Elast-X	-	1.006	0.000	-	-	-	-
Elast-Y	-	1.006	0.000	-	-	-	-
Elast-Z	-	0.000	0.872	-	-	-	-
<b>Modo Vibrazione n. 23</b>							
SLU-X	0.011	2.308	0.000	0.175	0.0000	0.00	0
SLU-Y	0.011	2.308	0.000	0.578	0.0000	0.01	0
SLU-Z	0.000	0.000	0.872	0.000	0.0000	0.00	0
SLD-X	0.011	0.946	0.000	0.175	0.0000	0.00	0
SLD-Y	0.011	0.946	0.000	0.578	0.0000	0.01	0
SLD-Z	0.000	0.000	0.189	0.000	0.0000	0.00	0
Elast-X	-	0.946	0.000	-	-	-	-
Elast-Y	-	0.946	0.000	-	-	-	-
Elast-Z	-	0.000	0.872	-	-	-	-
<b>Modo Vibrazione n. 24</b>							
SLU-X	0.017	2.288	0.000	-0.020	0.0000	0.00	0
SLU-Y	0.017	2.288	0.000	-0.530	0.0000	0.01	0
SLU-Z	0.000	0.000	0.872	0.000	0.0000	0.00	0
SLD-X	0.017	0.988	0.000	-0.020	0.0000	0.00	0
SLD-Y	0.017	0.988	0.000	-0.530	0.0000	0.01	0
SLD-Z	0.000	0.000	0.189	0.000	0.0000	0.00	0
Elast-X	-	0.988	0.000	-	-	-	-
Elast-Y	-	0.988	0.000	-	-	-	-
Elast-Z	-	0.000	0.872	-	-	-	-
<b>Modo Vibrazione n. 25</b>							
SLU-X	0.013	2.301	0.000	0.054	0.0000	0.00	0
SLU-Y	0.013	2.301	0.000	-0.435	0.0000	0.01	0
SLU-Z	0.000	0.000	0.872	0.000	0.0000	0.00	0
SLD-X	0.013	0.963	0.000	0.054	0.0000	0.00	0
SLD-Y	0.013	0.963	0.000	-0.435	0.0000	0.01	0
SLD-Z	0.000	0.000	0.189	0.000	0.0000	0.00	0
Elast-X	-	0.963	0.000	-	-	-	-
Elast-Y	-	0.963	0.000	-	-	-	-
Elast-Z	-	0.000	0.872	-	-	-	-
<b>Modo Vibrazione n. 26</b>							
SLU-X	0.009	2.313	0.000	-0.405	0.0000	0.01	0
SLU-Y	0.009	2.313	0.000	-0.311	0.0000	0.00	0
SLU-Z	0.000	0.000	0.872	0.000	0.0000	0.00	0
SLD-X	0.009	0.936	0.000	-0.405	0.0000	0.01	0
SLD-Y	0.009	0.936	0.000	-0.311	0.0000	0.00	0
SLD-Z	0.000	0.000	0.189	0.000	0.0000	0.00	0
Elast-X	-	0.936	0.000	-	-	-	-
Elast-Y	-	0.936	0.000	-	-	-	-
Elast-Z	-	0.000	0.872	-	-	-	-
<b>Modo Vibrazione n. 27</b>							
SLU-X	0.005	2.330	0.000	-0.402	0.0000	0.01	0
SLU-Y	0.005	2.330	0.000	-0.018	0.0000	0.00	0
SLU-Z	0.000	0.000	0.872	0.000	0.0000	0.00	0
SLD-X	0.005	0.901	0.000	-0.402	0.0000	0.01	0
SLD-Y	0.005	0.901	0.000	-0.018	0.0000	0.00	0
SLD-Z	0.000	0.000	0.189	0.000	0.0000	0.00	0
Elast-X	-	0.901	0.000	-	-	-	-
Elast-Y	-	0.901	0.000	-	-	-	-
Elast-Z	-	0.000	0.872	-	-	-	-
<b>Modo Vibrazione n. 28</b>							
SLU-X	0.008	2.317	0.000	0.387	0.0000	0.00	0
SLU-Y	0.008	2.317	0.000	0.090	0.0000	0.00	0
SLU-Z	0.000	0.000	0.872	0.000	0.0000	0.00	0
SLD-X	0.008	0.928	0.000	0.387	0.0000	0.00	0



Sp <sub>tr</sub>	T	a <sub>g,o</sub>	a <sub>g,v</sub>	Γ	CM	%M.M	M <sub>Ecc</sub>
SLD-Y	0.008	0.928	0.000	0.090	0.0000	0.00	0
SLD-Z	0.000	0.000	0.189	0.000	0.0000	0.00	0
Elast-X	-	0.928	0.000	-	-	-	-
Elast-Y	-	0.928	0.000	-	-	-	-
Elast-Z	-	0.000	0.872	-	-	-	-
<b>Modo Vibrazione n. 29</b>							
SLU-X	0.017	2.285	0.000	0.077	0.0000	0.00	0
SLU-Y	0.017	2.285	0.000	0.387	0.0000	0.00	0
SLU-Z	0.000	0.000	0.872	0.000	0.0000	0.00	0
SLD-X	0.017	0.994	0.000	0.077	0.0000	0.00	0
SLD-Y	0.017	0.994	0.000	0.387	0.0000	0.00	0
SLD-Z	0.000	0.000	0.189	0.000	0.0000	0.00	0
Elast-X	-	0.994	0.000	-	-	-	-
Elast-Y	-	0.994	0.000	-	-	-	-
Elast-Z	-	0.000	0.872	-	-	-	-
<b>Modo Vibrazione n. 30</b>							
SLU-X	0.008	2.318	0.000	0.173	0.0000	0.00	0
SLU-Y	0.008	2.318	0.000	-0.384	0.0000	0.00	0
SLU-Z	0.000	0.000	0.872	0.000	0.0000	0.00	0
SLD-X	0.008	0.927	0.000	0.173	0.0000	0.00	0
SLD-Y	0.008	0.927	0.000	-0.384	0.0000	0.00	0
SLD-Z	0.000	0.000	0.189	0.000	0.0000	0.00	0
Elast-X	-	0.927	0.000	-	-	-	-
Elast-Y	-	0.927	0.000	-	-	-	-
Elast-Z	-	0.000	0.872	-	-	-	-

#### LEGENDA:

<b>Sp<sub>tr</sub></b>	Spettro di risposta considerato.
<b>T</b>	Periodo del Modo di vibrazione.
<b>a<sub>g,o</sub></b>	Valore dell'Accelerazione Spettrale Orizzontale, riferita al corrispondente periodo.
<b>a<sub>g,v</sub></b>	Valore dell'Accelerazione Spettrale Verticale, riferita al corrispondente periodo.
<b>Γ</b>	Coefficiente di partecipazione.
<b>CM</b>	Coefficiente modale del modo di vibrazione.
<b>%M.M</b>	Percentuale di mobilitazione delle masse nel modo di vibrazione.
<b>M<sub>Ecc</sub></b>	Massa Eccitata nel modo di vibrazione.
<b>SLU-X</b>	Spettro di progetto allo S.L. Ultimo per sisma in direzione X.
<b>SLU-Y</b>	Spettro di progetto allo S.L. Ultimo per sisma in direzione Y.
<b>SLU-Z</b>	Spettro di progetto allo S.L. Ultimo per sisma in direzione Z.
<b>SLD-X</b>	Spettro di progetto allo S.L. di Danno per sisma in direzione X.
<b>SLD-Y</b>	Spettro di progetto allo S.L. di Danno per sisma in direzione Y.
<b>SLD-Z</b>	Spettro di progetto allo S.L. di Danno per sisma in direzione Z.
<b>Elast-X</b>	Spettro Elastico per sisma in direzione X.
<b>Elast-Y</b>	Spettro Elastico per sisma in direzione Y.
<b>Elast-Z</b>	Spettro Elastico per sisma in direzione Z.

#### LIVELLI O PIANI

Livelli o piani														
Id <sub>Lv</sub>	Descrizione	Z <sub>Lv</sub>	H <sub>Lv</sub>	Q <sub>ex,lv</sub>	PR	Rd <sub>Temp</sub>	Massa del piano			Dir	G <sub>st</sub>	G <sub>SLU</sub>	G <sub>SLD</sub>	R <sub>SLU</sub>
		[m]	[m]	[m]			M <sub>L,Str</sub>	M <sub>L,SLU</sub>	M <sub>L,SLD</sub>		[N·s²/m]	[N·s²/m]	[N·s²/m]	[m]
01	Piano copertura	0.00	7.44	7.44	NO	NO	2,225	1,603	1,603	X	0.99	0.93	0.93	0.37
										Y	2.20	2.20	2.20	2.31
02	Piano Terra	-1.40	1.40	0.00	NO	NO	7,353	6,138	6,138	X	1.52	1.26	1.26	1.37
										Y	2.21	2.21	2.21	2.22
03	Fondazione	-1.40		-1.40	NO	NO	11,567	11,018	11,018	X	0.88	0.88	0.88	-
										Y	2.20	2.20	2.20	-

#### LEGENDA:

<b>Id<sub>Lv</sub></b>	Numero identificativo del livello o piano.
<b>Z<sub>Lv</sub></b>	Quota di calpestio del livello o piano, relativa al sistema di riferimento globale X, Y, Z.
<b>H<sub>Lv</sub></b>	Altezza del livello o piano.
<b>Q<sub>ex,lv</sub></b>	Quota dell'estradosso dell'impalcato del livello o piano.
<b>PR</b>	Indica se l'impalcato (orizzontale) è considerato rigido nel calcolo: [SI] = Piano Rigido - [NO] = Piano non Rigido. In alternativa vedere tabella "Solai e Balconi" in quanto il comportamento rigido potrebbe essere stato assegnato ai singoli solai del livello.
<b>Rd<sub>Temp</sub></b>	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.
<b>M<sub>L,Str</sub></b>	Massa del piano valutata in condizioni statiche.
<b>M<sub>L,SLU</sub></b>	Massa del piano valutata allo SLU.
<b>M<sub>L,SLD</sub></b>	Massa del piano valutata allo SLD.
<b>G<sub>st</sub></b>	Coordinate del baricentro delle masse, valutate in condizioni statiche.
<b>G<sub>SLU</sub></b>	Coordinate del baricentro delle masse, valutate per SLU.
<b>G<sub>SLD</sub></b>	Coordinate del baricentro delle masse, valutate per SLD.
<b>R<sub>SLU</sub></b>	Coordinate del baricentro delle rigidezze, valutate per SLU.

#### NODI



Nodi

Id <sub>Nd</sub>	Dir	X, Y, Z [m]	Vincolo Esterno			Cedimenti Impressi		Clc Fnd
			V. ex	R <sub>s</sub> [N/cm]	R <sub>θ</sub> [N-m/rad]	S [cm]	Θ [rad]	
00001	X	1.73	nessuno	-	-	-	-	NO
	Y	1.42		-	-	-	-	
	Z	0.00		-	-	-	-	
00002	X	1.73	nessuno	-	-	-	-	NO
	Y	1.42		-	-	-	-	
	Z	7.56		-	-	-	-	
00003	X	1.73	nessuno	-	-	-	-	NO
	Y	3.01		-	-	-	-	
	Z	0.00		-	-	-	-	
00004	X	1.73	nessuno	-	-	-	-	NO
	Y	3.01		-	-	-	-	
	Z	7.56		-	-	-	-	
00005	X	0.05	nessuno	-	-	-	-	NO
	Y	3.01		-	-	-	-	
	Z	0.00		-	-	-	-	
00006	X	0.05	nessuno	-	-	-	-	NO
	Y	3.01		-	-	-	-	
	Z	7.56		-	-	-	-	
00007	X	0.05	nessuno	-	-	-	-	NO
	Y	1.42		-	-	-	-	
	Z	0.00		-	-	-	-	
00008	X	0.05	nessuno	-	-	-	-	NO
	Y	1.42		-	-	-	-	
	Z	7.56		-	-	-	-	
00009	X	1.78	Platea	infinita	-	-	-	NO
	Y	3.05		infinita	-	-	-	
	Z	-1.40		-	-	-	-	
00010	X	1.78	Platea	infinita	-	-	-	NO
	Y	1.38		infinita	-	-	-	
	Z	-1.40		-	-	-	-	
00011	X	-0.30	Carrello Z	infinita	-	-	-	NO
	Y	1.08		infinita	-	-	-	
	Z	-1.40		-	-	-	-	
00012	X	-0.30	Carrello Z	infinita	-	-	-	NO
	Y	3.35		infinita	-	-	-	
	Z	-1.40		-	-	-	-	
00013	X	2.08	Carrello Z	infinita	-	-	-	NO
	Y	3.35		infinita	-	-	-	
	Z	-1.40		-	-	-	-	
00014	X	2.08	Carrello Z	infinita	-	-	-	NO
	Y	1.08		infinita	-	-	-	
	Z	-1.40		-	-	-	-	
00015	X	0.01	Platea	infinita	-	-	-	NO
	Y	1.38		infinita	-	-	-	
	Z	-1.40		-	-	-	-	
00016	X	0.01	Platea	infinita	-	-	-	NO
	Y	3.05		infinita	-	-	-	
	Z	-1.40		-	-	-	-	
00017	X	0.36	nessuno	-	-	-	-	NO
	Y	1.39		-	-	-	-	
	Z	6.31		-	-	-	-	
00018	X	0.37	nessuno	-	-	-	-	NO
	Y	1.58		-	-	-	-	
	Z	6.31		-	-	-	-	
00019	X	0.36	nessuno	-	-	-	-	NO
	Y	1.39		-	-	-	-	
	Z	5.06		-	-	-	-	
00020	X	0.37	nessuno	-	-	-	-	NO
	Y	1.58		-	-	-	-	
	Z	5.06		-	-	-	-	
00021	X	0.36	nessuno	-	-	-	-	NO
	Y	1.39		-	-	-	-	
	Z	3.81		-	-	-	-	
00022	X	0.37	nessuno	-	-	-	-	NO
	Y	1.58		-	-	-	-	
	Z	3.81		-	-	-	-	
00023	X	0.36	nessuno	-	-	-	-	NO
	Y	1.39		-	-	-	-	
	Z	2.56		-	-	-	-	
00024	X	0.37	nessuno	-	-	-	-	NO
	Y	1.58		-	-	-	-	
	Z	2.56		-	-	-	-	



Nodi

Id <sub>Nd</sub>	Dir	X, Y, Z [m]	Vincolo Esterno			Cedimenti Impressi		Clc Fnd
			V. ex	R <sub>s</sub> [N/cm]	R <sub>θ</sub> [N-m/rad]	S [cm]	θ [rad]	
00025	X	0.36	nessuno	-	-	-	-	NO
	Y	1.39		-	-	-	-	
	Z	1.31		-	-	-	-	
00026	X	0.37	nessuno	-	-	-	-	NO
	Y	1.58		-	-	-	-	
	Z	1.31		-	-	-	-	
00027	X	1.42	nessuno	-	-	-	-	NO
	Y	1.39		-	-	-	-	
	Z	1.31		-	-	-	-	
00028	X	1.41	nessuno	-	-	-	-	NO
	Y	1.58		-	-	-	-	
	Z	1.31		-	-	-	-	
00029	X	1.42	nessuno	-	-	-	-	NO
	Y	1.39		-	-	-	-	
	Z	2.56		-	-	-	-	
00030	X	1.41	nessuno	-	-	-	-	NO
	Y	1.58		-	-	-	-	
	Z	2.56		-	-	-	-	
00031	X	1.42	nessuno	-	-	-	-	NO
	Y	1.39		-	-	-	-	
	Z	3.81		-	-	-	-	
00032	X	1.41	nessuno	-	-	-	-	NO
	Y	1.58		-	-	-	-	
	Z	3.81		-	-	-	-	
00033	X	1.42	nessuno	-	-	-	-	NO
	Y	1.39		-	-	-	-	
	Z	5.06		-	-	-	-	
00034	X	1.41	nessuno	-	-	-	-	NO
	Y	1.58		-	-	-	-	
	Z	5.06		-	-	-	-	
00035	X	1.42	nessuno	-	-	-	-	NO
	Y	1.39		-	-	-	-	
	Z	6.31		-	-	-	-	
00036	X	1.41	nessuno	-	-	-	-	NO
	Y	1.58		-	-	-	-	
	Z	6.31		-	-	-	-	
00037	X	-0.45	nessuno	-	-	-	-	NO
	Y	1.38		-	-	-	-	
	Z	3.95		-	-	-	-	
00038	X	-0.34	nessuno	-	-	-	-	NO
	Y	3.05		-	-	-	-	
	Z	3.95		-	-	-	-	
00039	X	0.05	nessuno	-	-	-	-	NO
	Y	3.01		-	-	-	-	
	Z	3.95		-	-	-	-	
00040	X	0.05	nessuno	-	-	-	-	NO
	Y	1.42		-	-	-	-	
	Z	3.95		-	-	-	-	
00041	X	1.73	nessuno	-	-	-	-	NO
	Y	1.42		-	-	-	-	
	Z	2.76		-	-	-	-	
00042	X	1.73	nessuno	-	-	-	-	NO
	Y	3.01		-	-	-	-	
	Z	2.76		-	-	-	-	
00043	X	0.05	nessuno	-	-	-	-	NO
	Y	1.42		-	-	-	-	
	Z	1.31		-	-	-	-	
00044	X	0.05	nessuno	-	-	-	-	NO
	Y	3.01		-	-	-	-	
	Z	1.31		-	-	-	-	
00045	X	1.73	nessuno	-	-	-	-	NO
	Y	3.01		-	-	-	-	
	Z	1.31		-	-	-	-	
00046	X	1.73	nessuno	-	-	-	-	NO
	Y	1.42		-	-	-	-	
	Z	1.31		-	-	-	-	
00047	X	0.05	nessuno	-	-	-	-	NO
	Y	1.42		-	-	-	-	
	Z	2.56		-	-	-	-	
00048	X	0.05	nessuno	-	-	-	-	NO
	Y	3.01		-	-	-	-	
	Z	2.56		-	-	-	-	



Nodi

Id <sub>Nd</sub>	Dir	X, Y, Z [m]	Vincolo Esterno			Cedimenti Impressi		Clc Fnd
			V. ex	R <sub>s</sub> [N/cm]	R <sub>θ</sub> [N-m/rad]	S [cm]	Θ [rad]	
00049	X	1.73	nessuno	-	-	-	-	NO
	Y	3.01	-	-	-	-	-	-
	Z	3.81	-	-	-	-	-	-
00050	X	1.73	nessuno	-	-	-	-	NO
	Y	1.42	-	-	-	-	-	-
	Z	3.81	-	-	-	-	-	-
00051	X	0.05	nessuno	-	-	-	-	NO
	Y	1.42	-	-	-	-	-	-
	Z	5.06	-	-	-	-	-	-
00052	X	1.73	nessuno	-	-	-	-	NO
	Y	1.42	-	-	-	-	-	-
	Z	5.06	-	-	-	-	-	-
00053	X	0.05	nessuno	-	-	-	-	NO
	Y	3.01	-	-	-	-	-	-
	Z	5.06	-	-	-	-	-	-
00054	X	1.73	nessuno	-	-	-	-	NO
	Y	3.01	-	-	-	-	-	-
	Z	5.06	-	-	-	-	-	-
00055	X	0.05	nessuno	-	-	-	-	NO
	Y	1.42	-	-	-	-	-	-
	Z	6.31	-	-	-	-	-	-
00056	X	0.05	nessuno	-	-	-	-	NO
	Y	3.01	-	-	-	-	-	-
	Z	6.31	-	-	-	-	-	-
00057	X	1.73	nessuno	-	-	-	-	NO
	Y	3.01	-	-	-	-	-	-
	Z	6.31	-	-	-	-	-	-
00058	X	1.73	nessuno	-	-	-	-	NO
	Y	1.42	-	-	-	-	-	-
	Z	6.31	-	-	-	-	-	-
00059	X	3.88	nessuno	-	-	-	-	NO
	Y	1.38	-	-	-	-	-	-
	Z	2.75	-	-	-	-	-	-
00060	X	3.86	nessuno	-	-	-	-	NO
	Y	3.04	-	-	-	-	-	-
	Z	2.75	-	-	-	-	-	-
00061	X	3.86	nessuno	-	-	-	-	NO
	Y	3.04	-	-	-	-	-	-
	Z	5.05	-	-	-	-	-	-
00062	X	3.88	nessuno	-	-	-	-	NO
	Y	1.38	-	-	-	-	-	-
	Z	5.05	-	-	-	-	-	-
00063	X	2.81	nessuno	-	-	-	-	NO
	Y	1.39	-	-	-	-	-	-
	Z	2.76	-	-	-	-	-	-
00064	X	2.81	nessuno	-	-	-	-	NO
	Y	3.04	-	-	-	-	-	-
	Z	2.76	-	-	-	-	-	-
00065	X	2.81	nessuno	-	-	-	-	NO
	Y	1.39	-	-	-	-	-	-
	Z	5.06	-	-	-	-	-	-
00066	X	2.81	nessuno	-	-	-	-	NO
	Y	3.04	-	-	-	-	-	-
	Z	5.06	-	-	-	-	-	-
00067	X	1.78	nessuno	-	-	-	-	NO
	Y	1.38	-	-	-	-	-	-
	Z	-0.93	-	-	-	-	-	-
00068	X	1.78	nessuno	-	-	-	-	NO
	Y	1.38	-	-	-	-	-	-
	Z	-0.47	-	-	-	-	-	-
00069	X	1.33	nessuno	-	-	-	-	NO
	Y	1.38	-	-	-	-	-	-
	Z	0.00	-	-	-	-	-	-
00070	X	0.89	nessuno	-	-	-	-	NO
	Y	1.38	-	-	-	-	-	-
	Z	0.00	-	-	-	-	-	-
00071	X	0.45	nessuno	-	-	-	-	NO
	Y	1.38	-	-	-	-	-	-
	Z	0.00	-	-	-	-	-	-
00072	X	0.01	nessuno	-	-	-	-	NO
	Y	1.38	-	-	-	-	-	-
	Z	-0.47	-	-	-	-	-	-



Nodi								
Id <sub>Nd</sub>	Dir	X, Y, Z	Vincolo Esterno			Cedimenti Impressi		Clc Fnd
			V. ex	R <sub>s</sub>	R <sub>θ</sub>	S	θ	
		[m]		[N/cm]	[N-m/rad]	[cm]	[rad]	
00073	X	0.01	nessuno	-	-	-	-	NO
	Y	1.38		-	-	-	-	
	Z	-0.93		-	-	-	-	
00074	X	2.08	Carrello Z	infinita	-	-	-	NO
	Y	1.53		infinita	-	-	-	
	Z	-1.40		-	-	-	-	
00075	X	2.08	Carrello Z	infinita	-	-	-	NO
	Y	1.99		infinita	-	-	-	
	Z	-1.40		-	-	-	-	
00076	X	2.08	Carrello Z	infinita	-	-	-	NO
	Y	2.44		infinita	-	-	-	
	Z	-1.40		-	-	-	-	
00077	X	2.08	Carrello Z	infinita	-	-	-	NO
	Y	2.90		infinita	-	-	-	
	Z	-1.40		-	-	-	-	
00078	X	1.60	Carrello Z	infinita	-	-	-	NO
	Y	3.35		infinita	-	-	-	
	Z	-1.40		-	-	-	-	
00079	X	1.13	Carrello Z	infinita	-	-	-	NO
	Y	3.35		infinita	-	-	-	
	Z	-1.40		-	-	-	-	
00080	X	0.65	Carrello Z	infinita	-	-	-	NO
	Y	3.35		infinita	-	-	-	
	Z	-1.40		-	-	-	-	
00081	X	0.18	Carrello Z	infinita	-	-	-	NO
	Y	3.35		infinita	-	-	-	
	Z	-1.40		-	-	-	-	
00082	X	-0.30	Carrello Z	infinita	-	-	-	NO
	Y	2.90		infinita	-	-	-	
	Z	-1.40		-	-	-	-	
00083	X	-0.30	Carrello Z	infinita	-	-	-	NO
	Y	2.44		infinita	-	-	-	
	Z	-1.40		-	-	-	-	
00084	X	-0.30	Carrello Z	infinita	-	-	-	NO
	Y	1.99		infinita	-	-	-	
	Z	-1.40		-	-	-	-	
00085	X	-0.30	Carrello Z	infinita	-	-	-	NO
	Y	1.53		infinita	-	-	-	
	Z	-1.40		-	-	-	-	
00086	X	0.18	Carrello Z	infinita	-	-	-	NO
	Y	1.08		infinita	-	-	-	
	Z	-1.40		-	-	-	-	
00087	X	0.65	Carrello Z	infinita	-	-	-	NO
	Y	1.08		infinita	-	-	-	
	Z	-1.40		-	-	-	-	
00088	X	1.13	Carrello Z	infinita	-	-	-	NO
	Y	1.08		infinita	-	-	-	
	Z	-1.40		-	-	-	-	
00089	X	1.60	Carrello Z	infinita	-	-	-	NO
	Y	1.08		infinita	-	-	-	
	Z	-1.40		-	-	-	-	
00090	X	0.01	nessuno	-	-	-	-	NO
	Y	3.05		-	-	-	-	
	Z	-0.93		-	-	-	-	
00091	X	0.01	nessuno	-	-	-	-	NO
	Y	3.05		-	-	-	-	
	Z	-0.47		-	-	-	-	
00092	X	0.01	nessuno	-	-	-	-	NO
	Y	2.63		-	-	-	-	
	Z	0.00		-	-	-	-	
00093	X	0.01	nessuno	-	-	-	-	NO
	Y	2.21		-	-	-	-	
	Z	0.00		-	-	-	-	
00094	X	0.01	nessuno	-	-	-	-	NO
	Y	1.79		-	-	-	-	
	Z	0.00		-	-	-	-	
00095	X	1.78	nessuno	-	-	-	-	NO
	Y	3.05		-	-	-	-	
	Z	-0.93		-	-	-	-	
00096	X	1.78	nessuno	-	-	-	-	NO
	Y	3.05		-	-	-	-	
	Z	-0.47		-	-	-	-	



Nodi

Id <sub>Nd</sub>	Dir	X, Y, Z [m]	Vincolo Esterno			Cedimenti Impressi		Clc Fnd
			V. ex	R <sub>s</sub> [N/cm]	R <sub>θ</sub> [N-m/rad]	S [cm]	Θ [rad]	
00097	X	1.78	nessuno	-	-	-	-	NO
	Y	2.63	-	-	-	-	-	
	Z	0.00	-	-	-	-	-	
00098	X	1.78	nessuno	-	-	-	-	NO
	Y	2.21	-	-	-	-	-	
	Z	0.00	-	-	-	-	-	
00099	X	1.78	nessuno	-	-	-	-	NO
	Y	1.79	-	-	-	-	-	
	Z	0.00	-	-	-	-	-	
00100	X	1.33	nessuno	-	-	-	-	NO
	Y	3.05	-	-	-	-	-	
	Z	0.00	-	-	-	-	-	
00101	X	0.89	nessuno	-	-	-	-	NO
	Y	3.05	-	-	-	-	-	
	Z	0.00	-	-	-	-	-	
00102	X	0.45	nessuno	-	-	-	-	NO
	Y	3.05	-	-	-	-	-	
	Z	0.00	-	-	-	-	-	
00103	X	1.78	Carrello Z	infinita	-	-	-	NO
	Y	2.63	-	infinita	-	-	-	
	Z	-1.40	-	-	-	-	-	
00104	X	1.78	Carrello Z	infinita	-	-	-	NO
	Y	2.21	-	infinita	-	-	-	
	Z	-1.40	-	-	-	-	-	
00105	X	1.78	Carrello Z	infinita	-	-	-	NO
	Y	1.79	-	infinita	-	-	-	
	Z	-1.40	-	-	-	-	-	
00106	X	1.33	Carrello Z	infinita	-	-	-	NO
	Y	3.05	-	infinita	-	-	-	
	Z	-1.40	-	-	-	-	-	
00107	X	0.89	Carrello Z	infinita	-	-	-	NO
	Y	3.05	-	infinita	-	-	-	
	Z	-1.40	-	-	-	-	-	
00108	X	0.45	Carrello Z	infinita	-	-	-	NO
	Y	3.05	-	infinita	-	-	-	
	Z	-1.40	-	-	-	-	-	
00109	X	1.33	Carrello Z	infinita	-	-	-	NO
	Y	1.38	-	infinita	-	-	-	
	Z	-1.40	-	-	-	-	-	
00110	X	0.89	Carrello Z	infinita	-	-	-	NO
	Y	1.38	-	infinita	-	-	-	
	Z	-1.40	-	-	-	-	-	
00111	X	0.45	Carrello Z	infinita	-	-	-	NO
	Y	1.38	-	infinita	-	-	-	
	Z	-1.40	-	-	-	-	-	
00112	X	0.01	Carrello Z	infinita	-	-	-	NO
	Y	1.79	-	infinita	-	-	-	
	Z	-1.40	-	-	-	-	-	
00113	X	0.01	Carrello Z	infinita	-	-	-	NO
	Y	2.21	-	infinita	-	-	-	
	Z	-1.40	-	-	-	-	-	
00114	X	0.01	Carrello Z	infinita	-	-	-	NO
	Y	2.63	-	infinita	-	-	-	
	Z	-1.40	-	-	-	-	-	
00115	X	1.52	nessuno	-	-	-	-	NO
	Y	1.38	-	-	-	-	-	
	Z	-1.14	-	-	-	-	-	
00116	X	1.52	nessuno	-	-	-	-	NO
	Y	1.38	-	-	-	-	-	
	Z	-0.26	-	-	-	-	-	
00117	X	0.26	nessuno	-	-	-	-	NO
	Y	1.38	-	-	-	-	-	
	Z	-0.26	-	-	-	-	-	
00118	X	0.26	nessuno	-	-	-	-	NO
	Y	1.38	-	-	-	-	-	
	Z	-1.14	-	-	-	-	-	
00119	X	0.60	nessuno	-	-	-	-	NO
	Y	1.38	-	-	-	-	-	
	Z	-1.05	-	-	-	-	-	
00120	X	0.60	nessuno	-	-	-	-	NO
	Y	1.38	-	-	-	-	-	
	Z	-0.35	-	-	-	-	-	



Nodi

Id <sub>Nd</sub>	Dir	X, Y, Z [m]	Vincolo Esterno			Cedimenti Impressi		Clc Fnd
			V. ex	R <sub>s</sub> [N/cm]	R <sub>θ</sub> [N-m/rad]	S [cm]	θ [rad]	
00121	X	1.19	nessuno	-	-	-	-	NO
	Y	1.38		-	-	-	-	
	Z	-0.70		-	-	-	-	
00122	X	0.89	Carrello Z	infinita	-	-	-	NO
	Y	2.59		infinita	-	-	-	
	Z	-1.40		-	-	-	-	
00123	X	0.50	Carrello Z	infinita	-	-	-	NO
	Y	1.83		infinita	-	-	-	
	Z	-1.40		-	-	-	-	
00124	X	1.29	Carrello Z	infinita	-	-	-	NO
	Y	1.83		infinita	-	-	-	
	Z	-1.40		-	-	-	-	
00125	X	0.01	nessuno	-	-	-	-	NO
	Y	2.80		-	-	-	-	
	Z	-1.15		-	-	-	-	
00126	X	0.01	nessuno	-	-	-	-	NO
	Y	2.80		-	-	-	-	
	Z	-0.25		-	-	-	-	
00127	X	0.01	nessuno	-	-	-	-	NO
	Y	1.63		-	-	-	-	
	Z	-0.25		-	-	-	-	
00128	X	0.01	nessuno	-	-	-	-	NO
	Y	1.63		-	-	-	-	
	Z	-1.15		-	-	-	-	
00129	X	0.01	nessuno	-	-	-	-	NO
	Y	2.21		-	-	-	-	
	Z	-1.05		-	-	-	-	
00130	X	0.01	nessuno	-	-	-	-	NO
	Y	2.21		-	-	-	-	
	Z	-0.35		-	-	-	-	
00131	X	1.78	nessuno	-	-	-	-	NO
	Y	2.80		-	-	-	-	
	Z	-1.15		-	-	-	-	
00132	X	1.78	nessuno	-	-	-	-	NO
	Y	2.80		-	-	-	-	
	Z	-0.25		-	-	-	-	
00133	X	1.78	nessuno	-	-	-	-	NO
	Y	1.63		-	-	-	-	
	Z	-0.25		-	-	-	-	
00134	X	1.78	nessuno	-	-	-	-	NO
	Y	1.63		-	-	-	-	
	Z	-1.15		-	-	-	-	
00135	X	1.78	nessuno	-	-	-	-	NO
	Y	2.21		-	-	-	-	
	Z	-1.05		-	-	-	-	
00136	X	1.78	nessuno	-	-	-	-	NO
	Y	2.21		-	-	-	-	
	Z	-0.35		-	-	-	-	
00137	X	1.52	nessuno	-	-	-	-	NO
	Y	3.05		-	-	-	-	
	Z	-1.14		-	-	-	-	
00138	X	1.52	nessuno	-	-	-	-	NO
	Y	3.05		-	-	-	-	
	Z	-0.26		-	-	-	-	
00139	X	0.26	nessuno	-	-	-	-	NO
	Y	3.05		-	-	-	-	
	Z	-0.26		-	-	-	-	
00140	X	0.26	nessuno	-	-	-	-	NO
	Y	3.05		-	-	-	-	
	Z	-1.14		-	-	-	-	
00141	X	0.60	nessuno	-	-	-	-	NO
	Y	3.05		-	-	-	-	
	Z	-1.05		-	-	-	-	
00142	X	0.60	nessuno	-	-	-	-	NO
	Y	3.05		-	-	-	-	
	Z	-0.35		-	-	-	-	
00143	X	1.19	nessuno	-	-	-	-	NO
	Y	3.05		-	-	-	-	
	Z	-0.70		-	-	-	-	
00144	X	1.78	nessuno	-	-	-	-	NO
	Y	1.38		-	-	-	-	
	Z	0.00		-	-	-	-	



#### Nodi

Id <sub>Nd</sub>	Dir	X, Y, Z	Vincolo Esterno			Cedimenti Impressi		Clc Fnd
			V. ex	R <sub>s</sub>	R <sub>θ</sub>	S	Θ	
		[m]		[N/cm]	[N-m/rad]	[cm]	[rad]	
00145	X	1.78	nessuno	-	-	-	-	NO
	Y	3.05		-	-	-	-	
	Z	0.00		-	-	-	-	
00146	X	0.01	nessuno	-	-	-	-	NO
	Y	3.05		-	-	-	-	
	Z	0.00		-	-	-	-	
00147	X	0.01	nessuno	-	-	-	-	NO
	Y	1.38		-	-	-	-	
	Z	0.00		-	-	-	-	

#### LEGENDA:

**Id<sub>Nd</sub>** Identificativo del nodo.

**X, Y, Z** Coordinate del nodo rispetto al riferimento globale X, Y, Z.

**V. ex** Descrizione del tipo di vincolo esterno presente sul nodo.

**R<sub>s</sub>, R<sub>θ</sub>** Valori di rigidezza del vincolo riferiti agli assi globali: R<sub>s</sub> indica i valori di rigidezza alla traslazione lungo gli assi X, Y e Z, mentre R<sub>θ</sub> indica i valori di rigidezza alla rotazione intorno agli assi X, Y, e Z.

**S, Θ** Valori di spostamenti/rotazioni del nodo riferiti agli assi globali: S indica i valori di spostamento lungo gli assi X, Y, e Z, mentre Θ indica i valori di rotazione intorno agli assi X, Y, e Z.

**Clc Fnd** [Si] = elemento progettato attraverso una modalità di rispetto della Gerarchia delle Resistenze per le Fondazioni. [No] = elemento progettato con le sollecitazioni ottenute dall'analisi (senza nessuna modalità di rispetto della Gerarchia delle Resistenze per le Fondazioni).

### TRAVI IN ELEVAZIONE

#### Travi in elevazione

Id <sub>Tr</sub>	L <sub>Li</sub>	Sezione			R <sub>tz</sub>	V. Int.		Stz	Note	M <sub>tr</sub>	AA /C IS	Nd i	Nd f	Dis <sub>j</sub>	Q <sub>LLI</sub>		Clc Fnd	Pr/ Sc
		Id <sub>Sz</sub>	TP	Label		Iniz.	Fin.								Iniz	Fin.		
	[m]				[°ssdc]									[m]	[m]	[m]		
<b>Piano copertura</b>					<b>Travata: Piano copertura</b>													
Trave Acciaio 2-5	1.38	004	└	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-		00 1	-	00 46	00 45	1.59	1.25	1.25	NO	-
Trave Acciaio 7a-2	0.21	004	└	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-		00 1	-	00 27	00 46	0.31	1.25	1.25	NO	-
Trave Acciaio 4-5	1.47	001	└	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-		00 1	-	00 44	00 45	1.68	1.25	1.25	NO	-
Trave Acciaio 4-5	1.47	001	└	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-		00 1	-	00 48	00 42	1.70	2.50	2.50	NO	-
Trave Acciaio 2-5	1.38	004	└	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-		00 1	-	00 41	00 42	1.59	2.50	2.50	NO	-
Trave Acciaio 8a-2	0.21	004	└	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-		00 1	-	00 29	00 41	0.37	2.50	2.50	NO	-
Trave Acciaio 1-4	1.38	001	└	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-		00 1	-	00 47	00 48	1.59	2.50	2.50	NO	-
Trave Acciaio 9a-2	0.21	004	└	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-		00 1	-	00 31	00 50	0.31	3.75	3.75	NO	-
Trave Acciaio 4-5	1.47	001	└	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-		00 1	-	00 39	00 49	1.69	3.75	3.75	NO	-
Trave Acciaio 1-4	1.38	001	└	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-		00 1	-	00 40	00 39	1.59	3.75	3.75	NO	-
Trave Acciaio 4-5	1.47	001	└	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-		00 1	-	00 53	00 54	1.68	5.00	5.00	NO	-
Trave Acciaio 2-5	1.38	004	└	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-		00 1	-	00 52	00 54	1.59	5.00	5.00	NO	-
Trave Acciaio 4-5	1.47	001	└	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-		00 1	-	00 56	00 57	1.68	6.25	6.25	NO	-
Trave Acciaio 2-5	1.38	004	└	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-		00 1	-	00 58	00 57	1.59	6.25	6.25	NO	-
Trave Acciaio 11a-2	0.21	004	└	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-		00 1	-	00 35	00 58	0.31	6.25	6.25	NO	-
Trave Acciaio 1-4	1.38	001	└	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-		00 1	-	00 55	00 56	1.59	6.25	6.25	NO	-
Trave Acciaio 4-5	1.47	001	└	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-		00 1	-	00 06	00 04	1.68	7.50	7.50	NO	-
Trave Acciaio 2-5	1.38	004	└	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-		00 1	-	00 02	00 04	1.59	7.50	7.50	NO	-
Trave Acciaio 1-2	1.47	004	└	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-		00 1	-	00 08	00 02	1.68	7.50	7.50	NO	-
Trave Acciaio 1-4	1.38	001	└	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-		00 1	-	00 08	00 06	1.59	7.50	7.50	NO	-
Trave Acciaio 6a-18a	0.19	004	└	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-		00 1	-	00 17	00 18	0.19	6.25	6.25	NO	-
Trave Acciaio 1-6a	0.21	004	└	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-		00 1	-	00 55	00 17	0.32	6.25	6.25	NO	-
Trave Acciaio 5a-17a	0.19	004	└	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-	elemento a	00	-	00	00	0.19	5.00	5.00	NO	-



Id <sub>Tr</sub>	L <sub>Li</sub>	Sezione				V. Int.		Stz	Note	Mt r l	AA / C IS	Nd i	Nd f	Dis. j	Q <sub>LLI</sub>		Clc Fnd	Pr/ Sc
		Id <sub>Sz</sub>	Tp	Label	Rtz	Iniz.	Fin.								Iniz	Fin.		
	[m]				[°ssdc]									[m]	[m]	[m]		
Trave Acciaio 1-5a	0.21	004	⌈	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-	sbalzo	1 00 1	-	19 00 51	20 00 19	0.32	5.00	5.00	NO	-
Trave Acciaio 4a-16a	0.19	004	⌈	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-		00 1	-	20 00 21	22 00 22	0.19	3.75	3.75	NO	-
Trave Acciaio 1-4a	0.21	004	⌈	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-		00 1	-	40 00 21	21 00 21	0.35	3.75	3.75	NO	-
Trave Acciaio 3a-15a	0.19	004	⌈	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-		00 1	-	23 00 24	24 00 24	0.19	2.50	2.50	NO	-
Trave Acciaio 1-3a	0.21	004	⌈	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-		00 1	-	47 00 23	23 00 23	0.32	2.50	2.50	NO	-
Trave Acciaio 2a-14a	0.19	004	⌈	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-		00 1	-	25 00 26	26 00 26	0.19	1.25	1.25	NO	-
Trave Acciaio 1-2a	0.21	004	⌈	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-		00 1	-	43 00 25	25 00 25	0.32	1.25	1.25	NO	-
Trave Acciaio 7a-19a	0.19	001	⌈	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-		00 1	-	27 00 28	28 00 28	0.19	1.25	1.25	NO	-
Trave Acciaio 2a-7a	1.06	004	⌈	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-		00 1	-	25 00 27	27 00 27	1.06	1.25	1.25	NO	-
Trave Acciaio 8a-20a	0.19	001	⌈	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-		00 1	-	29 00 30	30 00 30	0.19	2.50	2.50	NO	-
Trave Acciaio 3a-8a	1.06	004	⌈	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-		00 1	-	23 00 29	29 00 29	1.06	2.50	2.50	NO	-
Trave Acciaio 9a-21a	0.19	001	⌈	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-		00 1	-	31 00 32	32 00 32	0.19	3.75	3.75	NO	-
Trave Acciaio 4a-9a	1.06	004	⌈	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-		00 1	-	21 00 31	31 00 31	1.06	3.75	3.75	NO	-
Trave Acciaio 10a-22a	0.19	001	⌈	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-		00 1	-	33 00 34	34 00 34	0.19	5.00	5.00	NO	-
Trave Acciaio 5a-10a	1.06	004	⌈	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-		00 1	-	19 00 33	33 00 33	1.06	5.00	5.00	NO	-
Trave Acciaio 11a-23a	0.19	001	⌈	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-		00 1	-	35 00 36	36 00 36	0.19	6.25	6.25	NO	-
Trave Acciaio 6a-11a	1.06	004	⌈	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-		00 1	-	17 00 35	35 00 35	1.06	6.25	6.25	NO	-
Trave Acciaio 3-6	1.64	001	⌈	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-		00 1	-	59 00 60	60 00 60	1.66	2.70	2.70	NO	-
Trave Acciaio 24a-6	1.04	001	⌈	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-	elemento a sbalzo	00 1	-	64 00 60	60 00 60	1.05	2.70	2.70	NO	-
Trave Acciaio 12a-3	1.06	004	⌈	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-	elemento a sbalzo	00 1	-	63 00 59	59 00 59	1.07	2.70	2.70	NO	-
Trave Acciaio 1a-1	0.45	004	⌈	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-	elemento a sbalzo	00 1	-	37 00 40	40 00 40	0.50	4.00	4.00	NO	-
Trave Acciaio 1a-26a	1.68	001	⌈	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-		00 1	-	37 00 38	38 00 38	1.68	4.00	4.00	NO	-
Trave Acciaio 26a-4	0.35	001	⌈	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-	elemento a sbalzo	00 1	-	38 00 39	39 00 39	0.39	4.00	4.00	NO	-
Trave Acciaio 13a-3	1.06	004	⌈	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-	elemento a sbalzo	00 1	-	65 00 62	62 00 62	1.07	5.00	5.00	NO	-
Trave Acciaio 25a-6	1.04	001	⌈	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-	elemento a sbalzo	00 1	-	66 00 61	61 00 61	1.05	5.00	5.00	NO	-
Trave Acciaio 3-6	1.64	004	⌈	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-		00 1	-	62 00 61	61 00 61	1.66	5.00	5.00	NO	-
Trave Acciaio 10a-2	0.21	004	⌈	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-		00 1	-	33 00 52	52 00 52	0.31	5.00	5.00	NO	-
Trave Acciaio 5-6	2.39	002	●	RND 20	0.00	S;S;S;S;S;N; N	S;S;S;S;S;N; N	-		00 1	-	57 00 61	61 00 61	2.47	6.25	5.06	NO	-
Trave Acciaio 3-2	2.41	002	●	RND 20	0.00	S;S;S;S;S;N; N	S;S;S;S;S;N; N	-		00 1	-	62 00 58	58 00 58	2.49	5.05	6.25	NO	-
Trave Acciaio 12a-24a	1.65	001	⌈	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-		00 1	-	63 00 64	64 00 64	1.65	2.70	2.70	NO	-
Trave Acciaio 5-24a	1.04	001	⌈	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-	elemento a sbalzo	00 1	-	42 00 64	64 00 64	1.08	2.70	2.70	NO	-
Trave Acciaio 2-12a	1.04	004	⌈	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-	elemento a sbalzo	00 1	-	41 00 63	63 00 63	1.08	2.70	2.70	NO	-
Trave Acciaio 13a-25a	1.65	004	⌈	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-		00 1	-	65 00 66	66 00 66	1.65	5.00	5.00	NO	-
Trave Acciaio 5-25a	1.04	001	⌈	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-	elemento a sbalzo	00 1	-	54 00 66	66 00 66	1.08	5.00	5.00	NO	-
Trave Acciaio 2-13a	1.04	004	⌈	UPN 120	0.00	S;S;S;S;S;S	S;S;S;S;S;S	-	elemento a sbalzo	00 1	-	52 00 65	65 00 65	1.08	5.00	5.00	NO	-

LEGENDA:



Travi in elevazione																		
Id <sub>Tr</sub>	L <sub>LI</sub>	Sezione			V. Int.			Stz	Note	Mt r <sub>l</sub>	AA /C IS	Nd i	Nd f	Dis <sub>i- j</sub>	Q <sub>LLI</sub>		Clc Fnd	Pr/ Sc
		Id <sub>Sz</sub>	TP	Label	Rtz	Iniz.	Fin.								Iniz	Fin.		
	[m]				[°ssdc]										[m]	[m]	[m]	
<b>Id<sub>Tr</sub></b>	Identificativo della trave. L'eventuale lettera tra parentesi distingue i diversi tratti della travata al livello considerato.																	
<b>L<sub>LI</sub></b>	Lunghezza libera d'Inflessione.																	
<b>Id<sub>Sz</sub></b>	Identificativo della sezione, nella relativa tabella.																	
<b>TP</b>	Tipo di sezione.																	
<b>Label</b>	Identificativo della sezione, come indicato nelle carpenterie.																	
<b>Rtz</b>	Angolo di rotazione della sezione.																	
<b>V. Int.</b>	Identificativo delle condizioni di vincolo agli estremi inferiore e superiore del pilastro, costituito da sei caratteri. I primi tre, sono relativi alla traslazione rispettivamente lungo gli assi 1, 2 e 3, mentre i secondi tre sono relativi rispettivamente alla rotazione intorno agli assi 1, 2 e 3 (Assi 1, 2, 3: riferimento locale). Il carattere " S " o " N " indica se il vincolo allo spostamento/rotazione è presente o assente.																	
<b>Stz</b>	Tipo di situazione: [F] = di Fatto (Esistente); [P] = di Progetto (Nuovo).																	
<b>Note</b>	Nota relativa alla verifica di deformabilità delle travi in acciaio e in legno. Se presente "elemento a sbalzo" = la freccia viene valutata nell'ipotesi di trave a mensola; altrimenti la freccia viene valutata nell'ipotesi di trave appoggiata-appoggiata.																	
<b>Mtr<sub>l</sub></b>	Identificativo del materiale.																	
<b>AA/CIS</b>	Identificativo dell'aggressività dell'ambiente o della classe di servizio: Aggressività dell'ambiente: [PCA] = Poco aggressivo - [MDA] = Moderatamente aggressivo - [MLA] = Molto aggressivo; Classe di servizio: [1] = Ambiente con umidità bassa - [2] = Ambiente con umidità media - [3] = Ambiente con umidità alta.																	
<b>Nd<sub>i</sub></b>	Identificativo del nodo iniziale, nella relativa tabella.																	
<b>Nd<sub>f</sub></b>	Identificativo del nodo finale, nella relativa tabella.																	
<b>Dis<sub>i- j</sub></b>	Distanza tra il nodo iniziale e finale.																	
<b>Q<sub>LLI</sub></b>	Quota agli estremi iniziale e finale del tratto di trave libero d'inflettersi (Lunghezza Libera d'Inflessione), valutata rispetto al livello (piano) di appartenenza.																	
<b>Clc Fnd</b>	[Si] = elemento progettato attraverso una modalità di rispetto della Gerarchia delle Resistenze per le Fondazioni. [No] = elemento progettato con le sollecitazioni ottenute dall'analisi (senza nessuna modalità di rispetto della Gerarchia delle Resistenze per le Fondazioni).																	
<b>Pr/Sc</b>	Indica se l'elemento strutturale è incluso nel modello per il calcolo delle azioni sismiche. [1] = non incluso; [-] = incluso.																	

## PILASTRI

																	Pilastri
N <sub>id</sub>	Lv	L <sub>LI</sub>	Id <sub>Sz</sub>	TP	Sezione Label	Rtz	V. Int.		M <sub>tr</sub>	AA/CI S	Nod		Dis <sub>i-j</sub>	Q <sub>LLI</sub>		Clc Fnd	Pr/Sc
							Inf.	Sup.			Inf.	Sup.		Inf.	Sup.		
		[m]				[°ssdc]							[m]	[m]	[m]		
5 (f)	01	1.13	003	L	L 150x150x16	180.00	S;S;S;S;S;S	S;S;S;S;S;S	001	-	0057	0004	1.25	6.31	7.44	NO	-
4 (f)	01	1.13	003	L	L 150x150x16	270.00	S;S;S;S;S;S	S;S;S;S;S;S	001	-	0056	0006	1.25	6.31	7.44	NO	-
1 (f)	01	1.13	003	L	L 150x150x16	0.00	S;S;S;S;S;S	S;S;S;S;S;S	001	-	0055	0008	1.25	6.31	7.44	NO	-
2 (f)	01	1.13	003	L	L 150x150x16	90.00	S;S;S;S;S;S	S;S;S;S;S;S	001	-	0058	0002	1.25	6.31	7.44	NO	-
4 (c)	01	1.13	003	L	L 150x150x16	270.00	S;S;S;S;S;S	S;S;S;S;S;S	001	-	0048	0039	1.39	2.56	3.69	NO	-
1 (c)	01	1.13	003	L	L 150x150x16	0.00	S;S;S;S;S;S	S;S;S;S;S;S	001	-	0047	0040	1.39	2.56	3.69	NO	-
006	01	2.18	002	●	RND 20	0.00	S;S;S;S;N;N	S;S;S;S;N;N	001	-	0060	0061	2.30	2.76	4.94	NO	-
003	01	2.18	002	●	RND 20	0.00	S;S;S;S;N;N	S;S;S;S;N;N	001	-	0059	0062	2.30	2.76	4.94	NO	-
5 (b)	01	1.13	003	L	L 150x150x16	180.00	S;S;S;S;S;S	S;S;S;S;S;S	001	-	0045	0042	1.45	1.31	2.44	NO	-
2 (b)	01	1.13	003	L	L 150x150x16	90.00	S;S;S;S;S;S	S;S;S;S;S;S	001	-	0046	0041	1.45	1.31	2.44	NO	-
2 (a)	01	1.19	003	L	L 150x150x16	90.00	S;S;S;S;S;S	S;S;S;S;S;S	001	-	0001	0046	1.31	0.00	1.19	NO	-
5 (a)	01	1.19	003	L	L 150x150x16	180.00	S;S;S;S;S;S	S;S;S;S;S;S	001	-	0003	0045	1.31	0.00	1.19	NO	-
4 (a)	01	1.19	003	L	L 150x150x16	270.00	S;S;S;S;S;S	S;S;S;S;S;S	001	-	0005	0044	1.31	0.00	1.19	NO	-
1 (a)	01	1.19	003	L	L 150x150x16	0.00	S;S;S;S;S;S	S;S;S;S;S;S	001	-	0007	0043	1.31	0.00	1.19	NO	-
4 (b)	01	1.13	003	L	L 150x150x16	270.00	S;S;S;S;S;S	S;S;S;S;S;S	001	-	0044	0048	1.25	1.31	2.44	NO	-
1 (b)	01	1.13	003	L	L 150x150x16	0.00	S;S;S;S;S;S	S;S;S;S;S;S	001	-	0043	0047	1.25	1.31	2.44	NO	-
2 (c)	01	0.93	003	L	L 150x150x16	90.00	S;S;S;S;S;S	S;S;S;S;S;S	001	-	0041	0050	1.05	2.76	3.69	NO	-
5 (c)	01	0.93	003	L	L 150x150x16	180.00	S;S;S;S;S;S	S;S;S;S;S;S	001	-	0042	0049	1.05	2.76	3.69	NO	-
5 (d)	01	1.13	003	L	L 150x150x16	180.00	S;S;S;S;S;S	S;S;S;S;S;S	001	-	0049	0054	1.25	3.81	4.94	NO	-
4 (d)	01	0.88	003	L	L 150x150x16	270.00	S;S;S;S;S;S	S;S;S;S;S;S	001	-	0039	0053	1.11	4.06	4.94	NO	-
2 (d)	01	1.13	003	L	L 150x150x16	90.00	S;S;S;S;S;S	S;S;S;S;S;S	001	-	0050	0052	1.25	3.81	4.94	NO	-
1 (d)	01	0.88	003	L	L 150x150x16	0.00	S;S;S;S;S;S	S;S;S;S;S;S	001	-	0040	0051	1.11	4.06	4.94	NO	-
2 (e)	01	1.13	003	L	L 150x150x16	90.00	S;S;S;S;S;S	S;S;S;S;S;S	001	-	0052	0058	1.25	5.06	6.19	NO	-
5 (e)	01	1.13	003	L	L 150x150x16	180.00	S;S;S;S;S;S	S;S;S;S;S;S	001	-	0054	0057	1.25	5.06	6.19	NO	-



Pilastr																	
N <sub>id</sub>	L <sub>v</sub>	L <sub>LI</sub>	Sezione			V. Int.		Mtrl	AA/CI	Nod		Dis <sub>i-j</sub>	Q <sub>LLI</sub>		Clc	Pr/Sc	
		[m]	Id <sub>Sz</sub>	Tp	Label	Rtz	Inf.	Sup.		S	Inf.	Sup.	[m]	[m]	[m]	Fnd	
4 (e)	01	1.13	003	L	L 150x150x16	270.00	S;S;S;S;S;S	S;S;S;S;S;S	001	-	0053	0056	1.25	5.06	6.19	NO	-
1 (e)	01	1.13	003	L	L 150x150x16	0.00	S;S;S;S;S;S	S;S;S;S;S;S	001	-	0051	0055	1.25	5.06	6.19	NO	-

## LEGENDA:

<b>N<sub>id</sub></b>	Numero identificativo della pilastrata. L'eventuale lettera tra parentesi distingue i diversi tratti della pilastrata al livello considerato.
<b>L<sub>v</sub></b>	Identificativo del livello, nella relativa tabella.
<b>L<sub>LI</sub></b>	Lunghezza libera d'Inflessione.
<b>Id<sub>Sz</sub></b>	Identificativo della sezione, nella relativa tabella.
<b>TP</b>	Tipo di sezione.
<b>Label</b>	Identificativo della sezione, come indicato nelle carpenterie.
<b>Rtz</b>	Angolo di rotazione della sezione.
<b>V. Int.</b>	Identificativo delle condizioni di vincolo agli estremi inferiore e superiore del pilastrato, costituito da sei caratteri. I primi tre, sono relativi alla traslazione rispettivamente lungo gli assi 1, 2 e 3, mentre i secondi tre sono relativi rispettivamente alla rotazione intorno agli assi 1, 2 e 3 (Assi 1, 2, 3: riferimento locale). Il carattere "S" o "N" indica se il vincolo allo spostamento/rotazione è presente o assente.
<b>Mtrl</b>	Identificativo del materiale.
<b>AA/CIS</b>	Identificativo dell'aggressività dell'ambiente o della classe di servizio: Aggressività dell'ambiente: [PCA] = Poco aggressivo - [MDA] = Moderatamente aggressivo - [MLA] = Molto aggressivo; Classe di servizio: [1] = Ambiente con umidità bassa - [2] = Ambiente con umidità media - [3] = Ambiente con umidità alta.
<b>Nod</b>	Identificativo del nodo nella relativa tabella.
<b>Dis<sub>i-j</sub></b>	Distanza tra il nodo iniziale e finale.
<b>Q<sub>LLI</sub></b>	Quota agli estremi inferiore e superiore del tratto di elemento libero d'inflettersi (Lunghezza Libera d'Inflessione), valutata rispetto al livello (piano) di appartenenza.
<b>Clc Fnd</b>	[Si] = elemento progettato attraverso una modalità di rispetto della Gerarchia delle Resistenze per le Fondazioni. [No] = elemento progettato con le sollecitazioni ottenute dall'analisi (senza nessuna modalità di rispetto della Gerarchia delle Resistenze per le Fondazioni).
<b>Pr/Sc</b>	Indica se l'elemento strutturale è incluso nel modello per il calcolo delle azioni sismiche. [1] = non incluso; [-] = incluso.

## PARETI

Pareti																
Q <sub>m</sub>		H <sub>m</sub>		Sp	L <sub>m</sub>	A <sub>m</sub>	Mtrl	AA	Clc Fnd	Stz						
Iniz.	Fin.	Iniz.	Fin.													
[m]	[m]	[m]	[m]	[cm]	[m]	[m²]										
Piano Terra					Parete 1-2											
Parete 1-2																
-1.40	-1.40	1.40	1.40	0.30	2.07	2.90	002	PCA	NO	P						
SHELL																
[00067-00115-00010]		[00071-00147-00117]		[00067-00068-00121]		[00067-00121-00115]		[00068-00144-00116]		[00118-00073-00015]						
[00010-00115-00109]		[00117-00147-00072]		[00111-00118-00015]		[00068-00116-00121]		[00120-00071-00117]		[00120-00073-00119]						
[00119-00073-00118]		[00119-00118-00111]		[00116-00069-00121]		[00115-00121-00109]		[00120-00117-00072]		[00120-00072-00073]						
[00110-00119-00111]		[00070-00071-00120]		[00109-00121-00110]		[00144-00069-00116]		[00121-00120-00119]		[00121-00119-00110]						
[00121-00070-00120]		[00069-00070-00121]														
Piano Terra					Parete 4-5											
Parete 4-5																
-1.40	-1.40	1.40	1.40	0.30	2.07	2.90	002	PCA	NO	P						
SHELL																
[00095-00137-00009]		[00102-00146-00139]		[00095-00096-00143]		[00095-00143-00137]		[00096-00145-00138]		[00140-00090-00016]						
[00009-00137-00106]		[00139-00146-00091]		[00108-00140-00016]		[00096-00138-00143]		[00142-00102-00139]		[00142-00090-00141]						
[00141-00090-00140]		[00141-00140-00108]		[00138-00100-00143]		[00137-00143-00106]		[00142-00139-00091]		[00142-00091-00090]						
[00107-00141-00108]		[00101-00102-00142]		[00106-00143-00107]		[00145-00100-00138]		[00143-00142-00141]		[00143-00141-00107]						
[00143-00101-00142]		[00100-00101-00143]														
Piano Terra					Parete 1-4											
Parete 1-4																
-1.40	-1.40	1.40	1.40	0.30	1.98	2.77	002	PCA	NO	P						
SHELL																
[00090-00125-00016]		[00112-00128-00015]		[00090-00091-00125]		[00016-00125-00114]		[00146-00092-00126]		[00127-00147-00072]						
[00128-00127-00072]		[00128-00072-00073]		[00091-00126-00125]		[00128-00073-00015]		[00125-00126-00130]		[00094-00147-00127]						
[00125-00130-00129]		[00126-00092-00130]		[00130-00128-00129]		[00092-00093-00130]		[00125-00129-00114]		[00129-00112-00113]						
[00129-00128-00112]		[00130-00094-00127]		[00130-00093-00094]		[00130-00127-00128]		[00146-00126-00091]		[00114-00129-00113]						
Piano Terra					Parete 2-5											
Parete 2-5																
-1.40	-1.40	1.40	1.40	0.30	1.98	2.77	002	PCA	NO	P						
SHELL																
[00134-00067-00010]		[00095-00096-00131]		[00095-00131-00009]		[00096-00145-00132]		[00133-00144-00068]		[00096-00132-00131]						
[00133-00067-00134]		[00099-00144-00133]		[00105-00134-00010]		[00133-00068-00067]		[00132-00097-00136]		[00009-00131-00103]						
[00135-00105-00104]		[00145-00097-00132]		[00131-00135-00103]		[00135-00133-00134]		[00135-00134-00105]		[00098-00099-00136]						
[00132-00136-00131]		[00136-00133-00135]		[00136-00099-00133]		[00103-00135-00104]		[00097-00098-00136]		[00131-00136-00135]						

## LEGENDA:

<b>Q<sub>m</sub></b>	Quota dell'elemento nel punto iniziale e finale, valutata, rispetto al piano di appartenenza, negli estremi inferiori della parete.
<b>H<sub>m</sub></b>	Altezza dell'elemento nel punto iniziale e finale, valutata rispetto alla base inferiore.
<b>Sp</b>	Spessore dell'elemento.
<b>L<sub>m</sub></b>	Lunghezza dell'elemento.
<b>A<sub>m</sub></b>	Area dell'elemento.



Pareti										
Q <sub>m</sub>		H <sub>m</sub>		Sp	L <sub>m</sub>	A <sub>m</sub>	Mtrl	AA	Clc Fnd	Stz
Iniz.	Fin.	Iniz.	Fin.							
[m]	[m]	[m]	[m]	[cm]	[m]	[m <sup>2</sup> ]				
<b>Mtrl</b> Identificativo del materiale. <b>AA</b> Identificativo dell'aggressività dell'ambiente: [PCA] = Ordinarie (Poco aggressivo) - [MDA] = Aggressive (Moderatamente aggressivo) - [MLA] = Molto aggressive. <b>Clc Fnd</b> [SI] = elemento progettato attraverso una modalità di rispetto della Gerarchia delle Resistenze per le Fondazioni. [No] = elemento progettato con le sollecitazioni ottenute dall'analisi (senza nessuna modalità di rispetto della Gerarchia delle Resistenze per le Fondazioni). <b>Stz</b> Tipo di situazione: [F] = di Fatto (Esistente); [P] = di Progetto (Nuovo). <b>Shell</b> Shell in cui risulta suddiviso l'elemento.										

## PLATEE

Platee						
Lv	N <sub>id</sub>	Sp	A <sub>El</sub>	Mtrl	Id <sub>Ter</sub>	Clc Fnd
		[m]	[m <sup>2</sup> ]			
Fondazione	1	0.30	5.39	002	T001	NO
SHELL						
[00076-00077-00103]	[00076-00104-00075]	[00076-00103-00104]	[00077-00013-00009]	[00077-00009-00103]	[00013-00078-00009]	
[00015-00112-00085]	[00087-00111-00086]	[00016-00012-00082]	[00086-00015-00011]	[00114-00016-00082]	[00114-00082-00083]	
[00081-00012-00016]	[00113-00114-00083]	[00074-00105-00010]	[00113-00083-00084]	[00112-00113-00084]	[00015-00085-00011]	
[00112-00084-00085]	[00088-00110-00087]	[00074-00075-00105]	[00122-00108-00114]	[00108-00081-00016]	[00123-00112-00111]	
[00108-00016-00114]	[00111-00112-00015]	[00111-00015-00086]	[00080-00081-00108]	[00075-00104-00105]	[00123-00113-00112]	
[00103-00106-00122]	[00104-00124-00105]	[00109-00124-00110]	[00079-00080-00107]	[00122-00114-00113]	[00122-00113-00123]	
[00110-00123-00111]	[00110-00111-00087]	[00107-00108-00122]	[00107-00080-00108]	[00109-00110-00088]	[00103-00122-00104]	
[00104-00122-00124]	[00124-00122-00123]	[00124-00123-00110]	[00009-00078-00106]	[00089-00109-00088]	[00106-00107-00122]	
[00106-00079-00107]	[00014-00010-00089]	[00103-00009-00106]	[00105-00109-00010]	[00078-00079-00106]	[00014-00074-00010]	
[00010-00109-00089]	[00105-00124-00109]					

### LEGENDA:

<b>Lv</b>	Identificativo del livello, nella relativa tabella.
<b>N<sub>id</sub></b>	Numero identificativo della platea.
<b>Mtrl</b>	Identificativo del materiale.
<b>Id<sub>Ter</sub></b>	Identificativo del terreno, nella relativa tabella.
<b>Clc Fnd</b>	[SI] = elemento progettato attraverso una modalità di rispetto della Gerarchia delle Resistenze per le Fondazioni. [No] = elemento progettato con le sollecitazioni ottenute dall'analisi (senza nessuna modalità di rispetto della Gerarchia delle Resistenze per le Fondazioni).
<b>Shell</b>	Shell in cui risulta suddiviso l'elemento.

## SOLAI E BALCONI

Solai e Balconi													
Id <sub>El</sub>	Vertici del solaio	A <sub>El</sub>	Sp	Tipologia	B <sub>tr</sub>	TA	B <sub>pg</sub>	Sp <sub>s,s</sub>	Sp <sub>s,i</sub>	Rpt	PR	I	
m		[m <sup>2</sup> ]	[cm]		[cm]		[cm]	up	nf	N	b		
								[cm]	[cm]		[cm]		
Piano copertura													
001	1a-1-4-26a	0.55	12.00	Solaio in Acciaio	0	NO	0	-	-	0	0	SI	O
002	6-24a-12a-3	1.63	4.00	Solaio in Acciaio	0	NO	0	-	-	0	0	SI	O
003	2-12a-24a-5	1.59	4.00	Solaio in Acciaio	0	NO	0	-	-	0	0	SI	O
004	2-5-4-1	2.70	4.00	Solaio generico	0	NO	0	-	-	0	0	NO	O
005	25a-5-2-13a	1.59	4.00	Solaio generico	0	NO	0	-	-	0	0	NO	O
006	6-25a-13a-3	1.59	4.00	Solaio generico	0	NO	0	-	-	0	0	NO	O
Piano Terra													
Fondazione													
Piano copertura													
Piano Terra													
Fondazione													

### LEGENDA:

<b>Id<sub>Elm</sub></b>	Identificativo dell'elemento strutturale.
<b>A<sub>El</sub></b>	Superficie elemento.
<b>Sp</b>	Spessore dell'elemento.
<b>B<sub>tr</sub></b>	Larghezza dell'anima del travetto.
<b>TA</b>	[SI] = Solaio realizzato con travetti accoppiati.
<b>B<sub>pg</sub></b>	Larghezza della Pignatta.
<b>Sp<sub>s,sup</sub></b>	Spessore della soletta superiore.
<b>Sp<sub>s,inf</sub></b>	Spessore della soletta inferiore.
<b>PR</b>	Indica se l'impalcato (orizzontale) è considerato rigido nel calcolo: [SI] = Piano Rigido - [NO] = Piano non Rigido.
<b>I</b>	In alternativa vedere tabella "Solai e Balconi" in quanto il comportamento rigido potrebbe essere stato assegnato ai singoli solai del livello.
<b>Rpt/n</b>	[O]: Solaio orizzontale; [I]: Solaio inclinato.
<b>Rpt/b</b>	Numero di rompitratta.
	Larghezza rompitratta.

## CARICHI SUI NODI (PER CONDIZIONI DI CARICO NON SISMICHE)

Carichi sui nodi (per condizioni di carico non sismiche)									
TC	C	CC	SR	F <sub>x</sub>	F <sub>y</sub>	F <sub>z</sub>	M <sub>x</sub>	M <sub>y</sub>	M <sub>z</sub>
				[N]	[N]	[N]	[N-m]	[N-m]	[N-m]
Nodo 00002									



Carichi sui nodi (per condizioni di carico non sismiche)

TC	C	CC	SR	F <sub>x</sub> [N]	F <sub>y</sub> [N]	F <sub>z</sub> [N]	M <sub>x</sub> [N-m]	M <sub>y</sub> [N-m]	M <sub>z</sub> [N-m]
C	CR001	001	G	0	0	-11	0	0	0
C	CR002	005	G	0	0	-53	0	0	0
C	CR003	008	G	5	0	0	0	0	0
C	CR003	009	G	-11	0	0	0	0	0
C	CR003	010	G	5	0	0	0	0	0
C	CR003	011	G	5	0	0	0	0	0
C	CR004	008	G	5	0	0	0	0	0
C	CR004	009	G	-11	0	0	0	0	0
C	CR004	010	G	5	0	0	0	0	0
C	CR004	011	G	5	0	0	0	0	0
<b>Nodo 00004</b>									
C	CR001	001	G	0	0	-11	0	0	0
C	CR002	005	G	0	0	-53	0	0	0
C	CR004	008	G	0	5	0	0	0	0
C	CR004	009	G	0	5	0	0	0	0
C	CR004	010	G	0	5	0	0	0	0
C	CR004	011	G	0	-11	0	0	0	0
C	CR003	008	G	0	5	0	0	0	0
C	CR003	009	G	0	5	0	0	0	0
C	CR003	010	G	0	5	0	0	0	0
C	CR003	011	G	0	-11	0	0	0	0
C	CR004	008	G	5	0	0	0	0	0
C	CR004	009	G	-11	0	0	0	0	0
C	CR004	010	G	5	0	0	0	0	0
C	CR004	011	G	5	0	0	0	0	0
C	CR003	008	G	5	0	0	0	0	0
C	CR003	009	G	-11	0	0	0	0	0
C	CR003	010	G	5	0	0	0	0	0
C	CR003	011	G	5	0	0	0	0	0
<b>Nodo 00006</b>									
C	CR001	001	G	0	0	-11	0	0	0
C	CR002	005	G	0	0	-53	0	0	0
C	CR004	008	G	0	5	0	0	0	0
C	CR004	009	G	0	5	0	0	0	0
C	CR004	010	G	0	5	0	0	0	0
C	CR004	011	G	0	-11	0	0	0	0
C	CR003	008	G	0	5	0	0	0	0
C	CR003	009	G	0	5	0	0	0	0
C	CR003	010	G	0	5	0	0	0	0
C	CR003	011	G	0	-11	0	0	0	0
<b>Nodo 00008</b>									
C	CR001	001	G	0	0	-11	0	0	0
C	CR002	005	G	0	0	-53	0	0	0
<b>Nodo 00039</b>									
C	CR003	008	G	0	5	0	0	0	0
C	CR003	009	G	0	5	0	0	0	0
C	CR003	010	G	0	5	0	0	0	0
C	CR003	011	G	0	-11	0	0	0	0
C	CR004	008	G	0	12	0	0	0	0
C	CR004	009	G	0	12	0	0	0	0
C	CR004	010	G	0	12	0	0	0	0
C	CR004	011	G	0	-23	0	0	0	0
<b>Nodo 00041</b>									
C	CR003	008	G	5	0	0	0	0	0
C	CR003	009	G	-11	0	0	0	0	0
C	CR003	010	G	5	0	0	0	0	0
C	CR003	011	G	5	0	0	0	0	0
<b>Nodo 00042</b>									
C	CR003	008	G	0	5	0	0	0	0
C	CR003	009	G	0	5	0	0	0	0
C	CR003	010	G	0	5	0	0	0	0
C	CR003	011	G	0	-11	0	0	0	0
C	CR003	008	G	5	0	0	0	0	0
C	CR003	009	G	-11	0	0	0	0	0
C	CR003	010	G	5	0	0	0	0	0
C	CR003	011	G	5	0	0	0	0	0
<b>Nodo 00044</b>									
C	CR003	008	G	0	5	0	0	0	0
C	CR003	009	G	0	5	0	0	0	0
C	CR003	010	G	0	5	0	0	0	0
C	CR003	011	G	0	-11	0	0	0	0
C	CR005	008	G	0	16	0	0	0	0
C	CR005	009	G	0	16	0	0	0	0
C	CR005	010	G	0	16	0	0	0	0



Carichi sui nodi (per condizioni di carico non sismiche)

TC	C	CC	SR	F <sub>x</sub> [N]	F <sub>y</sub> [N]	F <sub>z</sub> [N]	M <sub>x</sub> [N-m]	M <sub>y</sub> [N-m]	M <sub>z</sub> [N-m]
C	CR005	011	G	0	-32	0	0	0	0
<b>Nodo 00045</b>									
C	CR003	008	G	0	5	0	0	0	0
C	CR003	009	G	0	5	0	0	0	0
C	CR003	010	G	0	5	0	0	0	0
C	CR003	011	G	0	-11	0	0	0	0
C	CR005	008	G	0	16	0	0	0	0
C	CR005	009	G	0	16	0	0	0	0
C	CR005	010	G	0	16	0	0	0	0
C	CR005	011	G	0	-32	0	0	0	0
C	CR005	008	G	16	0	0	0	0	0
C	CR005	009	G	-31	0	0	0	0	0
C	CR005	010	G	16	0	0	0	0	0
C	CR005	011	G	16	0	0	0	0	0
C	CR003	008	G	5	0	0	0	0	0
C	CR003	009	G	-11	0	0	0	0	0
C	CR003	010	G	5	0	0	0	0	0
C	CR003	011	G	5	0	0	0	0	0
<b>Nodo 00046</b>									
C	CR005	008	G	16	0	0	0	0	0
C	CR005	009	G	-31	0	0	0	0	0
C	CR005	010	G	16	0	0	0	0	0
C	CR005	011	G	16	0	0	0	0	0
C	CR003	008	G	5	0	0	0	0	0
C	CR003	009	G	-11	0	0	0	0	0
C	CR003	010	G	5	0	0	0	0	0
C	CR003	011	G	5	0	0	0	0	0
<b>Nodo 00048</b>									
C	CR003	008	G	0	5	0	0	0	0
C	CR003	009	G	0	5	0	0	0	0
C	CR003	010	G	0	5	0	0	0	0
C	CR003	011	G	0	-11	0	0	0	0
<b>Nodo 00049</b>									
C	CR003	008	G	0	5	0	0	0	0
C	CR003	009	G	0	5	0	0	0	0
C	CR003	010	G	0	5	0	0	0	0
C	CR003	011	G	0	-11	0	0	0	0
<b>Nodo 00052</b>									
C	CR003	008	G	5	0	0	0	0	0
C	CR003	009	G	-11	0	0	0	0	0
C	CR003	010	G	5	0	0	0	0	0
C	CR003	011	G	5	0	0	0	0	0
<b>Nodo 00053</b>									
C	CR003	008	G	0	5	0	0	0	0
C	CR003	009	G	0	5	0	0	0	0
C	CR003	010	G	0	5	0	0	0	0
C	CR003	011	G	0	-11	0	0	0	0
<b>Nodo 00054</b>									
C	CR003	008	G	0	5	0	0	0	0
C	CR003	009	G	0	5	0	0	0	0
C	CR003	010	G	0	5	0	0	0	0
C	CR003	011	G	0	-11	0	0	0	0
C	CR003	008	G	5	0	0	0	0	0
C	CR003	009	G	-11	0	0	0	0	0
C	CR003	010	G	5	0	0	0	0	0
C	CR003	011	G	5	0	0	0	0	0
<b>Nodo 00056</b>									
C	CR003	008	G	0	5	0	0	0	0
C	CR003	009	G	0	5	0	0	0	0
C	CR003	010	G	0	5	0	0	0	0
C	CR003	011	G	0	-11	0	0	0	0
<b>Nodo 00057</b>									
C	CR003	008	G	0	5	0	0	0	0
C	CR003	009	G	0	5	0	0	0	0
C	CR003	010	G	0	5	0	0	0	0
C	CR003	011	G	0	-11	0	0	0	0
C	CR003	008	G	5	0	0	0	0	0
C	CR003	009	G	-11	0	0	0	0	0
C	CR003	010	G	5	0	0	0	0	0
C	CR003	011	G	5	0	0	0	0	0
<b>Nodo 00058</b>									
C	CR003	008	G	5	0	0	0	0	0
C	CR003	009	G	-11	0	0	0	0	0
C	CR003	010	G	5	0	0	0	0	0



Carichi sui nodi (per condizioni di carico non sismiche)

TC	C	CC	SR	F <sub>x</sub>	F <sub>y</sub>	F <sub>z</sub>	M <sub>x</sub>	M <sub>y</sub>	M <sub>z</sub>
				[N]	[N]	[N]	[N-m]	[N-m]	[N-m]
C	CR003	011	G	5	0	0	0	0	0
<b>Nodo 00060</b>									
C	CR006	001	G	0	0	-4	0	0	0
C	CR007	002	G	0	0	-8	0	0	0
C	CR008	003	G	0	0	-30	0	0	0
C	CR009	005	G	0	0	-5	0	0	0
<b>Nodo 00122</b>									
C	CR010	001	G	0	0	-6,644	0	0	0
<b>Nodo 00123</b>									
C	CR010	001	G	0	0	-4,667	0	0	0
<b>Nodo 00124</b>									
C	CR010	001	G	0	0	-4,688	0	0	0

LEGENDA:

TC Descrizione del tipo di carico: [L] = Lineare - [C] = Concentrato - [S] = Superficiale - [T] = Termico.

C Descrizione del carico:

CR001= SOLAIO: Copertura in plexiglass CR002= SOLAIO: Copertura in plexiglass (carico neve) CR003= Azione del Vento (Trave Acciaio) CR004= Azione del Vento (Pilastro Acciaio) CR005= Azione del Vento (Tamponatura) CR006= SOLAIO: Grigliato CR007= SOLAIO: Grigliato (sovraccarico permanente) CR008= SOLAIO: Grigliato (sovraccarico accidentale) CR009= SOLAIO: Grigliato (carico neve) CR010= Forza concentrata

CC Identificativo della tipologia di carico nella relativa tabella.

SR Identificativo del sistema di riferimento considerato: [G] = Sistema di riferimento Globale X, Y, Z - [L] = Sistema di riferimento Locale 1, 2, 3.

F<sub>x</sub>, F<sub>y</sub>, F<sub>z</sub> Componenti del vettore Forza riferita agli assi del sistema di riferimento indicato nella colonna "S.R".

M<sub>x</sub>, M<sub>y</sub>, M<sub>z</sub> Momenti relativi agli assi del sistema di riferimento.

CARICHI SULLE TRAVI

														Carichi sulle travi	
TC	C	CC	SR	Dis <sub>i</sub>	F <sub>X,i</sub> /Q <sub>X,i</sub>	F <sub>Y,i</sub> /Q <sub>Y,i</sub>	F <sub>Z,i</sub> /Q <sub>Z,i</sub>	M <sub>X,i</sub> /M <sub>T,i</sub>	M <sub>Y,i</sub>	M <sub>Z,i</sub>	Dis <sub>f</sub>	Q <sub>X,f</sub>	Q <sub>Y,f</sub>	Q <sub>Z,f</sub>	M <sub>T,f</sub>
				[m]	[N/N/m]	[N/N/m]	[N/N/m]	[N-m;N-m/m]	[N-m;N-m/m]	[N-m;N-m/m]	[m]	[N/m]	[N/m]	[N/m]	[N-m/m]
Piano copertura			Travata: Piano copertura					Trave: Trave Acciaio 2-5			Peso proprio			-133	
L	CR001	001	G	0.00	0	0	-292	0	-	-	0.00	0	0	-292	0
L	CR002	008	G	0.00	104	0	0	0	-	-	0.00	104	0	0	0
L	CR002	009	G	0.00	-207	0	0	0	-	-	0.00	-207	0	0	0
L	CR002	010	G	0.00	104	0	0	0	-	-	0.00	104	0	0	0
L	CR002	011	G	0.00	104	0	0	0	-	-	0.00	104	0	0	0
L	CR003	008	G	0.00	36	0	0	0	-	-	0.00	36	0	0	0
L	CR003	009	G	0.00	-71	0	0	0	-	-	0.00	-71	0	0	0
L	CR003	010	G	0.00	36	0	0	0	-	-	0.00	36	0	0	0
L	CR003	011	G	0.00	36	0	0	0	-	-	0.00	36	0	0	0
Piano copertura			Travata: Piano copertura					Trave: Trave Acciaio 7a-2			Peso proprio			-133	
L	CR001	001	G	0.00	0	0	-292	0	-	-	0.00	0	0	-292	0
Piano copertura			Travata: Piano copertura					Trave: Trave Acciaio 4-5			Peso proprio			-133	
L	CR001	001	G	0.00	0	0	-292	0	-	-	0.00	0	0	-292	0
L	CR002	008	G	0.00	0	95	0	0	-	-	0.00	0	95	0	0
L	CR002	009	G	0.00	0	95	0	0	-	-	0.00	0	95	0	0
L	CR002	010	G	0.00	0	95	0	0	-	-	0.00	0	95	0	0
L	CR002	011	G	0.00	0	-190	0	0	-	-	0.00	0	-190	0	0
L	CR003	008	G	0.00	0	36	0	0	-	-	0.00	0	36	0	0
L	CR003	009	G	0.00	0	36	0	0	-	-	0.00	0	36	0	0
L	CR003	010	G	0.00	0	36	0	0	-	-	0.00	0	36	0	0
L	CR003	011	G	0.00	0	-71	0	0	-	-	0.00	0	-71	0	0
L	CR002	008	G	0.00	0	106	0	0	-	-	0.00	0	106	0	0
L	CR002	009	G	0.00	0	106	0	0	-	-	0.00	0	106	0	0
L	CR002	010	G	0.00	0	106	0	0	-	-	0.00	0	106	0	0
L	CR002	011	G	0.00	0	-212	0	0	-	-	0.00	0	-212	0	0
Piano copertura			Travata: Piano copertura					Trave: Trave Acciaio 4-5			Peso proprio			-133	
L	CR001	001	G	0.00	0	0	-292	0	-	-	0.00	0	0	-292	0
L	CR002	008	G	0.00	0	95	0	0	-	-	0.00	0	95	0	0
L	CR002	009	G	0.00	0	95	0	0	-	-	0.00	0	95	0	0
L	CR002	010	G	0.00	0	95	0	0	-	-	0.00	0	95	0	0
L	CR002	011	G	0.00	0	-190	0	0	-	-	0.00	0	-190	0	0
L	CR003	008	G	0.00	0	36	0	0	-	-	0.00	0	36	0	0
L	CR003	009	G	0.00	0	36	0	0	-	-	0.00	0	36	0	0
L	CR003	010	G	0.00	0	36	0	0	-	-	0.00	0	36	0	0
L	CR003	011	G	0.00	0	-71	0	0	-	-	0.00	0	-71	0	0
Piano copertura			Travata: Piano copertura					Trave: Trave Acciaio 2-5			Peso proprio			-133	
L	CR004	002	G	0.00	0	0	-16	0	-	-	0.00	0	0	-16	0
L	CR005	003	G	0.00	0	0	-64	0	-	-	0.00	0	0	-64	0
L	CR006	005	G	0.00	0	0	-10	0	-	-	0.00	0	0	-10	0
L	CR003	008	G	0.00	36	0	0	0	-	-	0.00	36	0	0	0
L	CR003	009	G	0.00	-71	0	0	0	-	-	0.00	-71	0	0	0
L	CR003	010	G	0.00	36	0	0	0	-	-	0.00	36	0	0	0
L	CR003	011	G	0.00	36	0	0	0	-	-	0.00	36	0	0	0
Piano copertura			Travata: Piano copertura					Trave: Trave Acciaio 8a-2			Peso proprio			-133	



															Carichi sulle travi	
TC	C	CC	SR	Dis <sub>i</sub> [m]	F <sub>X,i</sub> /Q <sub>X,i</sub> [N;N/m]	F <sub>Y,i</sub> /Q <sub>Y,i</sub> [N;N/m]	F <sub>Z,i</sub> /Q <sub>Z,i</sub> [N;N/m]	M <sub>X,i</sub> /M <sub>T,i</sub> [N-m;N-m/m]	M <sub>Y,i</sub> [N-m;N-m/m]	M <sub>Z,i</sub> [N-m;N-m/m]	Dis <sub>f</sub> [m]	Q <sub>X,f</sub> [N/m]	Q <sub>Y,f</sub> [N/m]	Q <sub>Z,f</sub> [N/m]	M <sub>T,f</sub> [N-m/m]	
L	CR001	001	G	0.00	0	0	-292	0	-	-	0.00	0	0	-292	0	
Piano copertura			Travata: Piano copertura						Trave: Trave Acciaio 1-4			Peso proprio		-133		
L	CR001	001	G	0.00	0	0	-292	0	-	-	0.00	0	0	-292	0	
Piano copertura			Travata: Piano copertura						Trave: Trave Acciaio 9a-2			Peso proprio		-133		
L	CR001	001	G	0.00	0	0	-292	0	-	-	0.00	0	0	-292	0	
Piano copertura			Travata: Piano copertura						Trave: Trave Acciaio 4-5			Peso proprio		-133		
L	CR001	001	G	0.00	0	0	-292	0	-	-	0.00	0	0	-292	0	
L	CR003	008	G	0.00	0	36	0	0	-	-	0.00	0	36	0	0	
L	CR003	009	G	0.00	0	36	0	0	-	-	0.00	0	36	0	0	
L	CR003	010	G	0.00	0	36	0	0	-	-	0.00	0	36	0	0	
L	CR003	011	G	0.00	0	-71	0	0	-	-	0.00	0	-71	0	0	
Piano copertura			Travata: Piano copertura						Trave: Trave Acciaio 1-4			Peso proprio		-133		
L	CR004	002	G	0.00	0	0	-16	0	-	-	0.00	0	0	-16	0	
L	CR005	003	G	0.00	0	0	-64	0	-	-	0.00	0	0	-64	0	
L	CR006	005	G	0.00	0	0	-10	0	-	-	0.00	0	0	-10	0	
Piano copertura			Travata: Piano copertura						Trave: Trave Acciaio 4-5			Peso proprio		-133		
L	CR001	001	G	0.00	0	0	-292	0	-	-	0.00	0	0	-292	0	
L	CR003	008	G	0.00	0	36	0	0	-	-	0.00	0	36	0	0	
L	CR003	009	G	0.00	0	36	0	0	-	-	0.00	0	36	0	0	
L	CR003	010	G	0.00	0	36	0	0	-	-	0.00	0	36	0	0	
L	CR003	011	G	0.00	0	-71	0	0	-	-	0.00	0	-71	0	0	
Piano copertura			Travata: Piano copertura						Trave: Trave Acciaio 2-5			Peso proprio		-133		
L	CR007	005	G	0.00	0	0	-10	0	-	-	0.00	0	0	-10	0	
L	CR003	008	G	0.00	36	0	0	0	-	-	0.00	36	0	0	0	
L	CR003	009	G	0.00	-71	0	0	0	-	-	0.00	-71	0	0	0	
L	CR003	010	G	0.00	36	0	0	0	-	-	0.00	36	0	0	0	
L	CR003	011	G	0.00	36	0	0	0	-	-	0.00	36	0	0	0	
Piano copertura			Travata: Piano copertura						Trave: Trave Acciaio 4-5			Peso proprio		-133		
L	CR001	001	G	0.00	0	0	-292	0	-	-	0.00	0	0	-292	0	
L	CR003	008	G	0.00	0	36	0	0	-	-	0.00	0	36	0	0	
L	CR003	009	G	0.00	0	36	0	0	-	-	0.00	0	36	0	0	
L	CR003	010	G	0.00	0	36	0	0	-	-	0.00	0	36	0	0	
L	CR003	011	G	0.00	0	-71	0	0	-	-	0.00	0	-71	0	0	
Piano copertura			Travata: Piano copertura						Trave: Trave Acciaio 2-5			Peso proprio		-133		
L	CR003	008	G	0.00	36	0	0	0	-	-	0.00	36	0	0	0	
L	CR003	009	G	0.00	-71	0	0	0	-	-	0.00	-71	0	0	0	
L	CR003	010	G	0.00	36	0	0	0	-	-	0.00	36	0	0	0	
L	CR003	011	G	0.00	36	0	0	0	-	-	0.00	36	0	0	0	
Piano copertura			Travata: Piano copertura						Trave: Trave Acciaio 11a-2			Peso proprio		-133		
L	CR001	001	G	0.00	0	0	-292	0	-	-	0.00	0	0	-292	0	
Piano copertura			Travata: Piano copertura						Trave: Trave Acciaio 1-4			Peso proprio		-133		
L	CR001	001	G	0.00	0	0	-292	0	-	-	0.00	0	0	-292	0	
Piano copertura			Travata: Piano copertura						Trave: Trave Acciaio 4-5			Peso proprio		-133		
L	CR008	001	G	0.00	0	0	-96	0	-	-	0.00	0	0	-96	0	
L	CR007	005	G	0.00	0	0	-479	0	-	-	0.00	0	0	-479	0	
L	CR007	005	G	0.00	0	0	-23	0	-	-	0.00	0	0	-23	0	
L	CR003	008	G	0.00	0	36	0	0	-	-	0.00	0	36	0	0	
L	CR003	009	G	0.00	0	36	0	0	-	-	0.00	0	36	0	0	
L	CR003	010	G	0.00	0	36	0	0	-	-	0.00	0	36	0	0	
L	CR003	011	G	0.00	0	-71	0	0	-	-	0.00	0	-71	0	0	
Piano copertura			Travata: Piano copertura						Trave: Trave Acciaio 2-5			Peso proprio		-133		
L	CR007	005	G	0.00	0	0	-23	0	-	-	0.00	0	0	-23	0	
L	CR003	008	G	0.00	36	0	0	0	-	-	0.00	36	0	0	0	
L	CR003	009	G	0.00	-71	0	0	0	-	-	0.00	-71	0	0	0	
L	CR003	010	G	0.00	36	0	0	0	-	-	0.00	36	0	0	0	
L	CR003	011	G	0.00	36	0	0	0	-	-	0.00	36	0	0	0	
Piano copertura			Travata: Piano copertura						Trave: Trave Acciaio 1-2			Peso proprio		-133		
L	CR008	001	G	0.00	0	0	-96	0	-	-	0.00	0	0	-96	0	
L	CR007	005	G	0.00	0	0	-479	0	-	-	0.00	0	0	-479	0	
L	CR007	005	G	0.00	0	0	-23	0	-	-	0.00	0	0	-23	0	
Piano copertura			Travata: Piano copertura						Trave: Trave Acciaio 1-4			Peso proprio		-133		
L	CR007	005	G	0.00	0	0	-23	0	-	-	0.00	0	0	-23	0	
Piano copertura			Travata: Piano copertura						Trave: Trave Acciaio 6a-18a			Peso proprio		-133		
Piano copertura			Travata: Piano copertura						Trave: Trave Acciaio 1-6a			Peso proprio		-133		
L	CR001	001	G	0.00	0	0	-292	0	-	-	0.00	0	0	-292	0	
Piano copertura			Travata: Piano copertura						Trave: Trave Acciaio 5a-17a			Peso proprio		-133		
Piano copertura			Travata: Piano copertura						Trave: Trave Acciaio 1-5a			Peso proprio		-133		
L	CR001	001	G	0.00	0	0	-292	0	-	-	0.00	0	0	-292	0	
Piano copertura			Travata: Piano copertura						Trave: Trave Acciaio 4a-16a			Peso proprio		-133		
Piano copertura			Travata: Piano copertura						Trave: Trave Acciaio 1-4a			Peso proprio		-133		
L	CR001	001	G	0.00	0	0	-292	0	-	-	0.00	0	0	-292	0	
Piano copertura			Travata: Piano copertura						Trave: Trave Acciaio			Peso proprio		-133		



Carichi sulle travi																	
TC	C	CC	SR	Dis <sub>i</sub>	F <sub>X,i</sub> /Q <sub>X,i</sub>	F <sub>Y,i</sub> /Q <sub>Y,i</sub>	F <sub>Z,i</sub> /Q <sub>Z,i</sub>	M <sub>X,i</sub> /M <sub>T,i</sub>	M <sub>Y,i</sub>	M <sub>Z,i</sub>	Dis <sub>f</sub>	Q <sub>X,f</sub>	Q <sub>Y,f</sub>	Q <sub>Z,f</sub>	M <sub>T,f</sub>		
				[m]	[N/N/m]	[N/N/m]	[N/N/m]	[N-m;N-m/m]	[N-m;N-m/m]	[N-m;N-m/m]	[m]	[N/m]	[N/m]	[N/m]	[N-m/m]		
Piano copertura			Travata: Piano copertura								3a-15a	Peso proprio			-133		
L	CR001	001	G	0.00	0	0	-292	0	-	-	0.00	0	0	-292	0		
Piano copertura			Travata: Piano copertura								Trave: Trave Acciaio 2a-14a	Peso proprio			-133		
Piano copertura			Travata: Piano copertura								Trave: Trave Acciaio 1-2a	Peso proprio			-133		
L	CR001	001	G	0.00	0	0	-292	0	-	-	0.00	0	0	-292	0		
Piano copertura			Travata: Piano copertura								Trave: Trave Acciaio 7a-19a	Peso proprio			-133		
Piano copertura			Travata: Piano copertura								Trave: Trave Acciaio 2a-7a	Peso proprio			-133		
L	CR001	001	G	0.00	0	0	-292	0	-	-	0.00	0	0	-292	0		
Piano copertura			Travata: Piano copertura								Trave: Trave Acciaio 8a-20a	Peso proprio			-133		
Piano copertura			Travata: Piano copertura								Trave: Trave Acciaio 3a-8a	Peso proprio			-133		
L	CR001	001	G	0.00	0	0	-292	0	-	-	0.00	0	0	-292	0		
Piano copertura			Travata: Piano copertura								Trave: Trave Acciaio 9a-21a	Peso proprio			-133		
Piano copertura			Travata: Piano copertura								Trave: Trave Acciaio 4a-9a	Peso proprio			-133		
L	CR001	001	G	0.00	0	0	-292	0	-	-	0.00	0	0	-292	0		
Piano copertura			Travata: Piano copertura								Trave: Trave Acciaio 10a-22a	Peso proprio			-133		
Piano copertura			Travata: Piano copertura								Trave: Trave Acciaio 5a-10a	Peso proprio			-133		
L	CR001	001	G	0.00	0	0	-292	0	-	-	0.00	0	0	-292	0		
Piano copertura			Travata: Piano copertura								Trave: Trave Acciaio 11a-23a	Peso proprio			-133		
Piano copertura			Travata: Piano copertura								Trave: Trave Acciaio 6a-11a	Peso proprio			-133		
L	CR001	001	G	0.00	0	0	-292	0	-	-	0.00	0	0	-292	0		
Piano copertura			Travata: Piano copertura								Trave: Trave Acciaio 3-6	Peso proprio			-133		
L	CR004	002	G	0.02	0	0	-16	0	-	-	0.02	0	0	-16	0		
L	CR005	003	G	0.02	0	0	-64	0	-	-	0.02	0	0	-64	0		
L	CR006	005	G	0.02	0	0	-10	0	-	-	0.02	0	0	-10	0		
Piano copertura			Travata: Piano copertura								Trave: Trave Acciaio 24a-6	Peso proprio			-133		
L	CR009	001	G	0.03	0	0	-399	0	-	-	0.00	0	0	-399	0		
L	CR004	002	G	0.03	0	0	-799	0	-	-	0.00	0	0	-799	0		
L	CR005	003	G	0.03	0	0	-3,194	0	-	-	0.00	0	0	-3,194	0		
L	CR006	005	G	0.03	0	0	-479	0	-	-	0.00	0	0	-479	0		
L	CR004	002	G	0.03	0	0	-39	0	-	-	0.00	0	0	-39	0		
L	CR005	003	G	0.03	0	0	-156	0	-	-	0.00	0	0	-156	0		
L	CR006	005	G	0.03	0	0	-23	0	-	-	0.00	0	0	-23	0		
Piano copertura			Travata: Piano copertura								Trave: Trave Acciaio 12a-3	Peso proprio			-133		
L	CR009	001	G	0.03	0	0	-399	0	-	-	0.02	0	0	-399	0		
L	CR004	002	G	0.03	0	0	-799	0	-	-	0.02	0	0	-799	0		
L	CR005	003	G	0.03	0	0	-3,194	0	-	-	0.02	0	0	-3,194	0		
L	CR006	005	G	0.03	0	0	-479	0	-	-	0.02	0	0	-479	0		
L	CR004	002	G	0.03	0	0	-39	0	-	-	0.02	0	0	-39	0		
L	CR005	003	G	0.03	0	0	-156	0	-	-	0.02	0	0	-156	0		
L	CR006	005	G	0.03	0	0	-23	0	-	-	0.02	0	0	-23	0		
Piano copertura			Travata: Piano copertura								Trave: Trave Acciaio 1a-1	Peso proprio			-133		
L	CR009	001	G	0.14	0	0	-399	0	-	-	0.02	0	0	-399	0		
L	CR004	002	G	0.14	0	0	-799	0	-	-	0.02	0	0	-799	0		
L	CR005	003	G	0.14	0	0	-3,194	0	-	-	0.02	0	0	-3,194	0		
L	CR006	005	G	0.14	0	0	-479	0	-	-	0.02	0	0	-479	0		
L	CR009	001	G	0.04	0	0	0	0	-	-	0.31	0	0	-399	0		
L	CR004	002	G	0.04	0	0	0	0	-	-	0.31	0	0	-799	0		
L	CR005	003	G	0.04	0	0	0	0	-	-	0.31	0	0	-3,194	0		
L	CR006	005	G	0.04	0	0	0	0	-	-	0.31	0	0	-479	0		
L	CR004	002	G	0.04	0	0	-39	0	-	-	0.02	0	0	-39	0		
L	CR005	003	G	0.04	0	0	-156	0	-	-	0.02	0	0	-156	0		
L	CR006	005	G	0.04	0	0	-23	0	-	-	0.02	0	0	-23	0		
Piano copertura			Travata: Piano copertura								Trave: Trave Acciaio 1a-26a	Peso proprio			-133		
L	CR009	001	G	0.04	0	0	0	0	-	-	0.04	0	0	-24	0		
L	CR004	002	G	0.04	0	0	0	0	-	-	0.04	0	0	-48	0		
L	CR005	003	G	0.04	0	0	0	0	-	-	0.04	0	0	-193	0		
L	CR006	005	G	0.04	0	0	0	0	-	-	0.04	0	0	-29	0		
L	CR004	002	G	0.04	0	0	-39	0	-	-	0.04	0	0	-39	0		
L	CR005	003	G	0.04	0	0	-156	0	-	-	0.04	0	0	-156	0		
L	CR006	005	G	0.04	0	0	-23	0	-	-	0.04	0	0	-23	0		
Piano copertura			Travata: Piano copertura								Trave: Trave Acciaio 26a-4	Peso proprio			-133		
L	CR009	001	G	0.04	0	0	-399	0	-	-	0.02	0	0	-399	0		
L	CR004	002	G	0.04	0	0	-799	0	-	-	0.02	0	0	-799	0		
L	CR005	003	G	0.04	0	0	-3,194	0	-	-	0.02	0	0	-3,194	0		
L	CR006	005	G	0.04	0	0	-479	0	-	-	0.02	0	0	-479	0		



Carichi sulle travi															
TC	C	CC	SR	Dis <sub>i</sub>	F <sub>X,i</sub> /Q <sub>X,i</sub>	F <sub>Y,i</sub> /Q <sub>Y,i</sub>	F <sub>Z,i</sub> /Q <sub>Z,i</sub>	M <sub>X,i</sub> /M <sub>T,i</sub>	M <sub>Y,i</sub>	M <sub>Z,i</sub>	Dis <sub>f</sub>	Q <sub>X,f</sub>	Q <sub>Y,f</sub>	Q <sub>Z,f</sub>	M <sub>T,f</sub>
				[m]	[N;N/m]	[N;N/m]	[N;N/m]	[N-m;N-m/m]	[N-m;N-m/m]	[N-m;N-m/m]	[m]	[N/m]	[N/m]	[N/m]	[N-m/m]
L	CR004	002	G	0.04	0	0	-39	0	-	-	0.02	0	0	-39	0
L	CR005	003	G	0.04	0	0	-156	0	-	-	0.02	0	0	-156	0
L	CR006	005	G	0.04	0	0	-23	0	-	-	0.02	0	0	-23	0
Piano copertura			Travata: Piano copertura						Trave: Trave Acciaio 13a-3			Peso proprio		-133	
L	CR008	001	G	0.03	0	0	-96	0	-	-	0.04	0	0	-96	0
L	CR007	005	G	0.03	0	0	-479	0	-	-	0.04	0	0	-479	0
L	CR007	005	G	0.03	0	0	-23	0	-	-	0.04	0	0	-23	0
Piano copertura			Travata: Piano copertura						Trave: Trave Acciaio 25a-6			Peso proprio		-133	
L	CR008	001	G	0.03	0	0	-96	0	-	-	0.01	0	0	-96	0
L	CR007	005	G	0.03	0	0	-479	0	-	-	0.01	0	0	-479	0
L	CR007	005	G	0.03	0	0	-23	0	-	-	0.01	0	0	-23	0
Piano copertura			Travata: Piano copertura						Trave: Trave Acciaio 3-6			Peso proprio		-133	
L	CR007	005	G	0.02	0	0	-23	0	-	-	0.02	0	0	-23	0
Piano copertura			Travata: Piano copertura						Trave: Trave Acciaio 10a-2			Peso proprio		-133	
Piano copertura			Travata: Piano copertura						Trave: Trave Acciaio 5-6			Peso proprio		-25	
Piano copertura			Travata: Piano copertura						Trave: Trave Acciaio 3-2			Peso proprio		-25	
Piano copertura			Travata: Piano copertura						Trave: Trave Acciaio 12a-24a			Peso proprio		-133	
L	CR004	002	G	0.03	0	0	-16	0	-	-	0.03	0	0	-16	0
L	CR005	003	G	0.03	0	0	-64	0	-	-	0.03	0	0	-64	0
L	CR006	005	G	0.03	0	0	-10	0	-	-	0.03	0	0	-10	0
L	CR004	002	G	0.03	0	0	-39	0	-	-	0.03	0	0	-39	0
L	CR005	003	G	0.03	0	0	-156	0	-	-	0.03	0	0	-156	0
L	CR006	005	G	0.03	0	0	-23	0	-	-	0.03	0	0	-23	0
Piano copertura			Travata: Piano copertura						Trave: Trave Acciaio 5-24a			Peso proprio		-133	
L	CR009	001	G	0.02	0	0	-399	0	-	-	0.03	0	0	-399	0
L	CR004	002	G	0.02	0	0	-799	0	-	-	0.03	0	0	-799	0
L	CR005	003	G	0.02	0	0	-3,194	0	-	-	0.03	0	0	-3,194	0
L	CR006	005	G	0.02	0	0	-479	0	-	-	0.03	0	0	-479	0
L	CR004	002	G	0.02	0	0	-39	0	-	-	0.03	0	0	-39	0
L	CR005	003	G	0.02	0	0	-156	0	-	-	0.03	0	0	-156	0
L	CR006	005	G	0.02	0	0	-23	0	-	-	0.03	0	0	-23	0
Piano copertura			Travata: Piano copertura						Trave: Trave Acciaio 2-12a			Peso proprio		-133	
L	CR009	001	G	0.02	0	0	-399	0	-	-	0.03	0	0	-399	0
L	CR004	002	G	0.02	0	0	-799	0	-	-	0.03	0	0	-799	0
L	CR005	003	G	0.02	0	0	-3,194	0	-	-	0.03	0	0	-3,194	0
L	CR006	005	G	0.02	0	0	-479	0	-	-	0.03	0	0	-479	0
L	CR004	002	G	0.02	0	0	-39	0	-	-	0.03	0	0	-39	0
L	CR005	003	G	0.02	0	0	-156	0	-	-	0.03	0	0	-156	0
L	CR006	005	G	0.02	0	0	-23	0	-	-	0.03	0	0	-23	0
Piano copertura			Travata: Piano copertura						Trave: Trave Acciaio 13a-25a			Peso proprio		-133	
L	CR007	005	G	0.03	0	0	-23	0	-	-	0.03	0	0	-23	0
L	CR007	005	G	0.03	0	0	-10	0	-	-	0.03	0	0	-10	0
Piano copertura			Travata: Piano copertura						Trave: Trave Acciaio 5-25a			Peso proprio		-133	
L	CR008	001	G	0.02	0	0	-96	0	-	-	0.03	0	0	-96	0
L	CR007	005	G	0.02	0	0	-479	0	-	-	0.03	0	0	-479	0
L	CR007	005	G	0.02	0	0	-23	0	-	-	0.03	0	0	-23	0
Piano copertura			Travata: Piano copertura						Trave: Trave Acciaio 2-13a			Peso proprio		-133	
L	CR008	001	G	0.02	0	0	-96	0	-	-	0.03	0	0	-96	0
L	CR007	005	G	0.02	0	0	-479	0	-	-	0.03	0	0	-479	0
L	CR007	005	G	0.02	0	0	-23	0	-	-	0.03	0	0	-23	0

## LEGENDA:

**TC** Descrizione del tipo di carico: [L] = Lineare - [C] = Concentrato - [S] = Superficiale - [T] = Termico.

**C** Descrizione del carico:

CR001= TAMPONATURA: Optilam 10.8 mm CR002= Azione del Vento (Tamponatura) CR003= Azione del Vento (Trave Acciaio) CR004= SOLAIO: Grigliato (sovraccarico permanente) CR005= SOLAIO: Grigliato (sovraccarico accidentale) CR006= SOLAIO: Grigliato (carico neve) CR007= SOLAIO: Copertura in plexiglass (carico neve) CR008= SOLAIO: Copertura in plexiglass CR009= SOLAIO: Grigliato

**CC** Identificativo della tipologia di carico nella relativa tabella.

**SR** Identificativo del sistema di riferimento considerato: [G] = Sistema di riferimento Globale X, Y, Z - [L] = Sistema di riferimento Locale 1, 2, 3.

**Dis<sub>i</sub>** Distanza del punto "i" dall'estremo iniziale dell'elemento. Il punto "i" indica il punto iniziale del tratto interessato dal carico distribuito sul bordo.

**M<sub>X,i</sub>/M<sub>T,i</sub>** Se nella colonna "TC" è riportato "Concentrato", è il valore del vettore momento concentrato collocato nel punto "i", riferito agli assi del sistema di riferimento indicato nella colonna "S.R.". Se nella colonna "TC" è riportato "Lineare", è il valore nel punto "i", del vettore momento (torcente) distribuito sempre riferito all'asse 1 (asse dell'elemento) del sistema di riferimento locale 1, 2, 3, quale che sia il sistema di riferimento indicato nella colonna "S.R."

**Dis<sub>f</sub>** Distanza del punto "f" dall'estremo inferiore dell'elemento. Il punto "f" indica il punto finale del tratto interessato dal carico distribuito.

**M<sub>T,f</sub>** Se nella colonna "TC" è riportato "Lineare", è il valore nel punto "f", del vettore momento (torcente) distribuito sempre riferito all'asse 1 (asse dell'elemento) del sistema di riferimento locale 1, 2, 3, quale che sia il sistema di riferimento indicato nella colonna "S.R."

**F<sub>X,i</sub>/Q<sub>X,i</sub>** Valore (nel punto "i") della forza concentrata/distribuita riferita agli assi del sistema di riferimento indicato nella colonna "S.R."

**F<sub>Y,i</sub>/Q<sub>Y,i</sub>**

**F<sub>Z,i</sub>/Q<sub>Z,i</sub>**

**M<sub>Y,i</sub> M<sub>Z,i</sub>** Valore (nel punto "i") del vettore momento concentrato riferito agli assi del sistema di riferimento indicato nella colonna "S.R."

**Q<sub>X,f</sub> Q<sub>Y,f</sub>** Valore (nel punto "f") della forza distribuita riferita agli assi del sistema di riferimento indicato nella colonna "S.R."

**Q<sub>Z,f</sub>**

**ΔT<sub>1</sub>, ΔT<sub>2</sub>** Variazione di temperatura rispettivamente lungo gli assi 1, 2 o 3 del sistema locale.



Carichi sulle travi															
TC	C	CC	SR	Dis <sub>i</sub>	F <sub>X,i</sub> /Q <sub>X,i</sub>	F <sub>Y,i</sub> /Q <sub>Y,i</sub>	F <sub>Z,i</sub> /Q <sub>Z,i</sub>	M <sub>X,i</sub> /M <sub>T,i</sub>	M <sub>Y,i</sub>	M <sub>Z,i</sub>	Dis <sub>f</sub>	Q <sub>X,f</sub>	Q <sub>Y,f</sub>	Q <sub>Z,f</sub>	M <sub>T,f</sub>
				[m]	[N/m]	[N/m]	[N/m]	[N-m/N-m]	[N-m/N-m]	[N-m/N-m]	[m]	[N/m]	[N/m]	[N/m]	[N-m]

ΔT<sub>3</sub>

## CARICHI SUI PILASTRI

Carichi sui pilastri															
TC	C	CC	SR	Dis <sub>i</sub>	F <sub>X,i</sub> /Q <sub>X,i</sub>	F <sub>Y,i</sub> /Q <sub>Y,i</sub>	F <sub>Z,i</sub> /Q <sub>Z,i</sub>	M <sub>X,i</sub> /M <sub>T,i</sub>	M <sub>Y,i</sub>	M <sub>Z,i</sub>	Dis <sub>f</sub>	Q <sub>X,f</sub>	Q <sub>Y,f</sub>	Q <sub>Z,f</sub>	M <sub>T,f</sub>
				[m]	[N/m]	[N/m]	[N/m]	[N-m/N-m]	[N-m/N-m]	[N-m/N-m]	[m]	[N/m]	[N/m]	[N/m]	[N-m]
Piano copertura				Pilastro 5 (f)							Peso proprio				-359
L	CR001	008	G	0.00	0	45	0	0	-	-	0.00	0	45	0	0
L	CR001	009	G	0.00	0	45	0	0	-	-	0.00	0	45	0	0
L	CR001	010	G	0.00	0	45	0	0	-	-	0.00	0	45	0	0
L	CR001	011	G	0.00	0	-89	0	0	-	-	0.00	0	-89	0	0
L	CR001	008	G	0.00	45	0	0	0	-	-	0.00	45	0	0	0
L	CR001	009	G	0.00	-89	0	0	0	-	-	0.00	-89	0	0	0
L	CR001	010	G	0.00	45	0	0	0	-	-	0.00	45	0	0	0
L	CR001	011	G	0.00	45	0	0	0	-	-	0.00	45	0	0	0
C	CR002	001	G	1.13	0	0	-43	0	0	0	-	-	-	-	-
Piano copertura				Pilastro 4 (f)							Peso proprio				-359
L	CR001	008	G	0.00	0	45	0	0	-	-	0.00	0	45	0	0
L	CR001	009	G	0.00	0	45	0	0	-	-	0.00	0	45	0	0
L	CR001	010	G	0.00	0	45	0	0	-	-	0.00	0	45	0	0
L	CR001	011	G	0.00	0	-89	0	0	-	-	0.00	0	-89	0	0
C	CR002	001	G	1.13	0	0	-43	0	0	0	-	-	-	-	-
Piano copertura				Pilastro 1 (f)							Peso proprio				-359
C	CR002	001	G	1.13	0	0	-43	0	0	0	-	-	-	-	-
Piano copertura				Pilastro 2 (f)							Peso proprio				-359
L	CR001	008	G	0.00	45	0	0	0	-	-	0.00	45	0	0	0
L	CR001	009	G	0.00	-89	0	0	0	-	-	0.00	-89	0	0	0
L	CR001	010	G	0.00	45	0	0	0	-	-	0.00	45	0	0	0
L	CR001	011	G	0.00	45	0	0	0	-	-	0.00	45	0	0	0
C	CR002	001	G	1.13	0	0	-43	0	0	0	-	-	-	-	-
Piano copertura				Pilastro 4 (c)							Peso proprio				-359
L	CR001	008	G	0.00	0	45	0	0	-	-	0.00	0	45	0	0
L	CR001	009	G	0.00	0	45	0	0	-	-	0.00	0	45	0	0
L	CR001	010	G	0.00	0	45	0	0	-	-	0.00	0	45	0	0
L	CR001	011	G	0.00	0	-89	0	0	-	-	0.00	0	-89	0	0
C	CR002	001	G	1.13	0	0	-93	0	0	0	-	-	-	-	-
Piano copertura				Pilastro 1 (c)							Peso proprio				-359
C	CR002	001	G	1.13	0	0	-93	0	0	0	-	-	-	-	-
Piano copertura				Pilastro 006							Peso proprio				-25
C	CR002	001	G	2.18	0	0	-3	0	0	0	-	-	-	-	-
Piano copertura				Pilastro 003							Peso proprio				-25
C	CR002	001	G	2.18	0	0	-3	0	0	0	-	-	-	-	-
Piano copertura				Pilastro 5 (b)							Peso proprio				-359
L	CR003	008	G	0.00	0	95	0	0	-	-	0.00	0	95	0	0
L	CR003	009	G	0.00	0	95	0	0	-	-	0.00	0	95	0	0
L	CR003	010	G	0.00	0	95	0	0	-	-	0.00	0	95	0	0
L	CR003	011	G	0.00	0	-190	0	0	-	-	0.00	0	-190	0	0
C	CR002	001	G	1.13	0	0	-115	0	0	0	-	-	-	-	-
Piano copertura				Pilastro 2 (b)							Peso proprio				-359
C	CR002	001	G	1.13	0	0	-115	0	0	0	-	-	-	-	-
Piano copertura				Pilastro 2 (a)							Peso proprio				-359
L	CR003	008	G	0.00	104	0	0	0	-	-	0.00	104	0	0	0
L	CR003	009	G	0.00	-207	0	0	0	-	-	0.00	-207	0	0	0
L	CR003	010	G	0.00	104	0	0	0	-	-	0.00	104	0	0	0
L	CR003	011	G	0.00	104	0	0	0	-	-	0.00	104	0	0	0
C	CR002	001	G	1.19	0	0	-43	0	0	0	-	-	-	-	-
Piano copertura				Pilastro 5 (a)							Peso proprio				-359
L	CR003	008	G	0.00	0	106	0	0	-	-	0.00	0	106	0	0
L	CR003	009	G	0.00	0	106	0	0	-	-	0.00	0	106	0	0
L	CR003	010	G	0.00	0	106	0	0	-	-	0.00	0	106	0	0
L	CR003	011	G	0.00	0	-212	0	0	-	-	0.00	0	-212	0	0
L	CR003	008	G	0.00	104	0	0	0	-	-	0.00	104	0	0	0
L	CR003	009	G	0.00	-207	0	0	0	-	-	0.00	-207	0	0	0
L	CR003	010	G	0.00	104	0	0	0	-	-	0.00	104	0	0	0
L	CR003	011	G	0.00	104	0	0	0	-	-	0.00	104	0	0	0
C	CR002	001	G	1.19	0	0	-43	0	0	0	-	-	-	-	-
Piano copertura				Pilastro 4 (a)							Peso proprio				-359
L	CR003	008	G	0.00	0	106	0	0	-	-	0.00	0	106	0	0
L	CR003	009	G	0.00	0	106	0	0	-	-	0.00	0	106	0	0
L	CR003	010	G	0.00	0	106	0	0	-	-	0.00	0	106	0	0
L	CR003	011	G	0.00	0	-212	0	0	-	-	0.00	0	-212	0	0
C	CR002	001	G	1.19	0	0	-43	0	0	0	-	-	-	-	-
Piano copertura				Pilastro 1 (a)							Peso proprio				-359



															Carichi sui pilastri				
TC	C	CC	SR	Dis <sub>i</sub>	F <sub>X,i</sub> /Q <sub>X,i</sub>	F <sub>Y,i</sub> /Q <sub>Y,i</sub>	F <sub>Z,i</sub> /Q <sub>Z,i</sub>	M <sub>X,i</sub> /M <sub>T,i</sub>	M <sub>Y,i</sub>	M <sub>Z,i</sub>	Dis <sub>f</sub>	Q <sub>X,f</sub>	Q <sub>Y,f</sub>	Q <sub>Z,f</sub>	M <sub>T,f</sub>				
C	CR002	001	G	1.19	0	0	-43	0	0	0	-	-	-	-	-				
Piano copertura				Pilastro 4 (b)							Peso proprio				-359				
L	CR003	008	G	0.00	0	95	0	0	-	-	0.00	0	95	0	0				
L	CR003	009	G	0.00	0	95	0	0	-	-	0.00	0	95	0	0				
L	CR003	010	G	0.00	0	95	0	0	-	-	0.00	0	95	0	0				
L	CR003	011	G	0.00	0	-190	0	0	-	-	0.00	0	-190	0	0				
C	CR002	001	G	1.13	0	0	-43	0	0	0	-	-	-	-	-				
Piano copertura				Pilastro 1 (b)							Peso proprio				-359				
C	CR002	001	G	1.13	0	0	-43	0	0	0	-	-	-	-	-				
Piano copertura				Pilastro 2 (c)							Peso proprio				-359				
C	CR002	001	G	0.93	0	0	-43	0	0	0	-	-	-	-	-				
Piano copertura				Pilastro 5 (c)							Peso proprio				-359				
C	CR002	001	G	0.93	0	0	-43	0	0	0	-	-	-	-	-				
Piano copertura				Pilastro 5 (d)							Peso proprio				-359				
C	CR002	001	G	1.13	0	0	-43	0	0	0	-	-	-	-	-				
Piano copertura				Pilastro 4 (d)							Peso proprio				-359				
C	CR002	001	G	0.88	0	0	-43	0	0	0	-	-	-	-	-				
Piano copertura				Pilastro 2 (d)							Peso proprio				-359				
C	CR002	001	G	1.13	0	0	-43	0	0	0	-	-	-	-	-				
Piano copertura				Pilastro 1 (d)							Peso proprio				-359				
C	CR002	001	G	0.88	0	0	-43	0	0	0	-	-	-	-	-				
Piano copertura				Pilastro 2 (e)							Peso proprio				-359				
C	CR002	001	G	1.13	0	0	-43	0	0	0	-	-	-	-	-				
Piano copertura				Pilastro 5 (e)							Peso proprio				-359				
C	CR002	001	G	1.13	0	0	-43	0	0	0	-	-	-	-	-				
Piano copertura				Pilastro 4 (e)							Peso proprio				-359				
C	CR002	001	G	1.13	0	0	-43	0	0	0	-	-	-	-	-				
Piano copertura				Pilastro 1 (e)							Peso proprio				-359				
C	CR002	001	G	1.13	0	0	-43	0	0	0	-	-	-	-	-				

## LEGENDA:

TC	Descrizione del tipo di carico: [L] = Lineare - [C] = Concentrato - [S] = Superficiale - [T] = Termico.
C	Descrizione del carico: CR001= Azione del Vento (Pilastro Acciaio) CR002= PESO PROPRIO (concio) CR003= Azione del Vento (Tamponatura)
CC	Identificativo della tipologia di carico nella relativa tabella.
SR	Identificativo del sistema di riferimento considerato: [G] = Sistema di riferimento Globale X, Y, Z - [L] = Sistema di riferimento Locale 1, 2, 3.
Dis <sub>i</sub>	Distanza del punto "i" dall'estremo inferiore dell'elemento. Il punto "i", in relazione alla descrizione riportata nella colonna "TC" ("Lineare" o "Concentrato"), indica rispettivamente il punto iniziale del tratto interessato dal carico distribuito o in cui è posizionato il carico concentrato.
M <sub>x,i</sub> /M <sub>T,i</sub>	Se nella colonna "TC" è riportato "Concentrato", è il valore del vettore momento concentrato collocato nel punto "i", riferito agli assi del sistema di riferimento indicato nella colonna "S.R.". Se nella colonna "TC" è riportato "Lineare", è il valore nel punto "i", del vettore momento (torcente) distribuito sempre riferito all'asse 1 (asse dell'elemento) del sistema di riferimento locale 1, 2, 3, quale che sia il sistema di riferimento indicato nella colonna "S.R".
Dis <sub>f</sub>	Distanza del punto "f" dall'estremo inferiore dell'elemento. Il punto "f" indica il punto finale del tratto interessato dal carico distribuito.
M <sub>T,f</sub>	Se nella colonna "TC" è riportato "Lineare", è il valore nel punto "f", del vettore momento (torcente) distribuito sempre riferito all'asse 1 (asse dell'elemento) del sistema di riferimento locale 1, 2, 3, quale che sia il sistema di riferimento indicato nella colonna "S.R".
F <sub>x,i</sub> /Q <sub>x,i</sub>	Valore (nel punto "i") della forza concentrata/distribuita riferita agli assi del sistema di riferimento indicato nella colonna "S.R".
F <sub>y,i</sub> /Q <sub>y,i</sub>	
F <sub>z,i</sub> /Q <sub>z,i</sub>	
M <sub>y,i</sub> /M <sub>z,i</sub>	Valore (nel punto "i") del vettore momento concentrato riferito agli assi del sistema di riferimento indicato nella colonna "S.R".
Q <sub>x,f</sub> Q <sub>y,f</sub>	Valore (nel punto "f") della forza distribuita riferita agli assi del sistema di riferimento indicato nella colonna "S.R".
Q <sub>z,f</sub>	
ΔT <sub>1</sub> , ΔT <sub>2</sub> , ΔT <sub>3</sub>	Variazione di temperatura rispettivamente lungo gli assi 1, 2 o 3 del sistema locale.

## CARICHI SULLE PARETI

Carichi sulle pareti																
TC	Shell	C	CC	SR	Br	Dis <sub>i</sub>	Q <sub>X/1,i</sub>	Q <sub>Y/2,i</sub>	Q <sub>Z/3,i</sub>	M <sub>T,i</sub>	Dis <sub>f</sub>	Q <sub>X/1,f</sub>	Q <sub>Y/2,f</sub>	Q <sub>Z/3,f</sub>	M <sub>T,f</sub>	
						[m]	[N/m;N/m <sup>2</sup> ]	[N/m;N/m <sup>2</sup> ]	[N/m;N/m <sup>2</sup> ]	[N-m/m;N]	[m]	[N/m;N/m <sup>2</sup> ]	[N/m;N/m <sup>2</sup> ]	[N/m;N/m <sup>2</sup> ]	[N-m/m;N]	
Piano Terra		Parete 1-2				Parete 1-2				Peso proprio						-7,500
L	-	CR001	001	G	2	0.00	0	0	-307	0	0.00	0	0	-307	0	
S	[00067-00115-00010]	CR002	007	L	-	0.00	0	0	9,215	-	-	-	-	-	-	
S	[00067-00115-00010]	CR002	007	L	-	0.00	0	0	9,215	-	-	-	-	-	-	
S	[00071-00147-00117]	CR002	007	L	-	0.00	0	0	682	-	-	-	-	-	-	
S	[00071-00147-00117]	CR002	007	L	-	0.00	0	0	682	-	-	-	-	-	-	
S	[00067-00068-00121]	CR002	007	L	-	0.00	0	0	5,567	-	-	-	-	-	-	
S	[00067-00068-00121]	CR002	007	L	-	0.00	0	0	5,567	-	-	-	-	-	-	
S	[00067-00121-00115]	CR002	007	L	-	0.00	0	0	7,360	-	-	-	-	-	-	
S	[00067-00121-00115]	CR002	007	L	-	0.00	0	0	7,360	-	-	-	-	-	-	
S	[00068-00144-00116]	CR002	007	L	-	0.00	0	0	1,919	-	-	-	-	-	-	
S	[00068-00144-00116]	CR002	007	L	-	0.00	0	0	1,919	-	-	-	-	-	-	
S	[00118-00073-00015]	CR002	007	L	-	0.00	0	0	9,215	-	-	-	-	-	-	
S	[00118-00073-00015]	CR002	007	L	-	0.00	0	0	9,215	-	-	-	-	-	-	
S	[00010-00115-00109]	CR002	007	L	-	0.00	0	0	10,452	-	-	-	-	-	-	
S	[00010-00115-00109]	CR002	007	L	-	0.00	0	0	10,452	-	-	-	-	-	-	



Carichi sulle pareti															
TC	Shell	C	CC	SR	Br	Dis <sub>i</sub>	Q <sub>X/1,i</sub>	Q <sub>Y/2,i</sub>	Q <sub>Z/3,i</sub>	M <sub>T,i</sub>	Dis <sub>f</sub>	Q <sub>X/1,f</sub>	Q <sub>Y/2,f</sub>	Q <sub>Z/3,f</sub>	M <sub>T,f</sub>
						[m]	[N/m;N/m²]	[N/m;N/m²]	[N/m;N/m²]	[N-m/m;N]	[m]	[N/m;N/m²]	[N/m;N/m²]	[N/m;N/m²]	[N-m/m;N]
S	[00117-00147-00072]	CR002	007	L	-	0.00	0	0	1,919	-	-	-	-	-	-
S	[00117-00147-00072]	CR002	007	L	-	0.00	0	0	1,919	-	-	-	-	-	-
S	[00111-00118-00015]	CR002	007	L	-	0.00	0	0	10,452	-	-	-	-	-	-
S	[00111-00118-00015]	CR002	007	L	-	0.00	0	0	10,452	-	-	-	-	-	-
S	[00068-00116-00121]	CR002	007	L	-	0.00	0	0	3,775	-	-	-	-	-	-
S	[00068-00116-00121]	CR002	007	L	-	0.00	0	0	3,775	-	-	-	-	-	-
S	[00120-00071-00117]	CR002	007	L	-	0.00	0	0	1,610	-	-	-	-	-	-
S	[00120-00071-00117]	CR002	007	L	-	0.00	0	0	1,610	-	-	-	-	-	-
S	[00120-00073-00119]	CR002	007	L	-	0.00	0	0	6,186	-	-	-	-	-	-
S	[00120-00073-00119]	CR002	007	L	-	0.00	0	0	6,186	-	-	-	-	-	-
S	[00119-00073-00118]	CR002	007	L	-	0.00	0	0	8,287	-	-	-	-	-	-
S	[00119-00073-00118]	CR002	007	L	-	0.00	0	0	8,287	-	-	-	-	-	-
S	[00119-00118-00111]	CR002	007	L	-	0.00	0	0	9,525	-	-	-	-	-	-
S	[00119-00118-00111]	CR002	007	L	-	0.00	0	0	9,525	-	-	-	-	-	-
S	[00116-00069-00121]	CR002	007	L	-	0.00	0	0	2,537	-	-	-	-	-	-
S	[00116-00069-00121]	CR002	007	L	-	0.00	0	0	2,537	-	-	-	-	-	-
S	[00115-00121-00109]	CR002	007	L	-	0.00	0	0	8,597	-	-	-	-	-	-
S	[00115-00121-00109]	CR002	007	L	-	0.00	0	0	8,597	-	-	-	-	-	-
S	[00120-00117-00072]	CR002	007	L	-	0.00	0	0	2,847	-	-	-	-	-	-
S	[00120-00117-00072]	CR002	007	L	-	0.00	0	0	2,847	-	-	-	-	-	-
S	[00120-00072-00073]	CR002	007	L	-	0.00	0	0	4,639	-	-	-	-	-	-
S	[00120-00072-00073]	CR002	007	L	-	0.00	0	0	4,639	-	-	-	-	-	-
S	[00110-00119-00111]	CR002	007	L	-	0.00	0	0	10,206	-	-	-	-	-	-
S	[00110-00119-00111]	CR002	007	L	-	0.00	0	0	10,206	-	-	-	-	-	-
S	[00070-00071-00120]	CR002	007	L	-	0.00	0	0	928	-	-	-	-	-	-
S	[00070-00071-00120]	CR002	007	L	-	0.00	0	0	928	-	-	-	-	-	-
S	[00109-00121-00110]	CR002	007	L	-	0.00	0	0	9,278	-	-	-	-	-	-
S	[00109-00121-00110]	CR002	007	L	-	0.00	0	0	9,278	-	-	-	-	-	-
S	[00144-00069-00116]	CR002	007	L	-	0.00	0	0	682	-	-	-	-	-	-
S	[00144-00069-00116]	CR002	007	L	-	0.00	0	0	682	-	-	-	-	-	-
S	[00121-00120-00119]	CR002	007	L	-	0.00	0	0	5,567	-	-	-	-	-	-
S	[00121-00120-00119]	CR002	007	L	-	0.00	0	0	5,567	-	-	-	-	-	-
S	[00121-00119-00110]	CR002	007	L	-	0.00	0	0	8,351	-	-	-	-	-	-
S	[00121-00119-00110]	CR002	007	L	-	0.00	0	0	8,351	-	-	-	-	-	-
S	[00121-00070-00120]	CR002	007	L	-	0.00	0	0	2,784	-	-	-	-	-	-
S	[00121-00070-00120]	CR002	007	L	-	0.00	0	0	2,784	-	-	-	-	-	-
S	[00069-00070-00121]	CR002	007	L	-	0.00	0	0	1,856	-	-	-	-	-	-
S	[00069-00070-00121]	CR002	007	L	-	0.00	0	0	1,856	-	-	-	-	-	-
Piano Terra		Parete 4-5			Parete 4-5			Peso proprio			-7,500				
L	-	CR001	001	G	2	0.00	0	0	-307	0	0.00	0	0	-307	0
L	-	CR003	008	G	0	0.00	0	106	0	0	0.00	0	106	0	0
L	-	CR003	009	G	0	0.00	0	106	0	0	0.00	0	106	0	0
L	-	CR003	010	G	0	0.00	0	106	0	0	0.00	0	106	0	0
L	-	CR003	011	G	0	0.00	0	-212	0	0	0.00	0	-212	0	0
S	[00095-00137-00009]	CR002	007	L	-	0.00	0	0	9,215	-	-	-	-	-	-
S	[00095-00137-00009]	CR002	007	L	-	0.00	0	0	9,215	-	-	-	-	-	-
S	[00102-00146-00139]	CR002	007	L	-	0.00	0	0	682	-	-	-	-	-	-
S	[00102-00146-00139]	CR002	007	L	-	0.00	0	0	682	-	-	-	-	-	-
S	[00095-00096-00143]	CR002	007	L	-	0.00	0	0	5,567	-	-	-	-	-	-
S	[00095-00096-00143]	CR002	007	L	-	0.00	0	0	5,567	-	-	-	-	-	-
S	[00095-00143-00137]	CR002	007	L	-	0.00	0	0	7,360	-	-	-	-	-	-
S	[00095-00143-00137]	CR002	007	L	-	0.00	0	0	7,360	-	-	-	-	-	-
S	[00096-00145-00138]	CR002	007	L	-	0.00	0	0	1,919	-	-	-	-	-	-
S	[00096-00145-00138]	CR002	007	L	-	0.00	0	0	1,919	-	-	-	-	-	-
S	[00140-00090-00016]	CR002	007	L	-	0.00	0	0	9,215	-	-	-	-	-	-
S	[00140-00090-00016]	CR002	007	L	-	0.00	0	0	9,215	-	-	-	-	-	-
S	[00009-00137-00106]	CR002	007	L	-	0.00	0	0	10,452	-	-	-	-	-	-
S	[00009-00137-00106]	CR002	007	L	-	0.00	0	0	10,452	-	-	-	-	-	-
S	[00139-00146-00091]	CR002	007	L	-	0.00	0	0	1,919	-	-	-	-	-	-
S	[00139-00146-00091]	CR002	007	L	-	0.00	0	0	1,919	-	-	-	-	-	-
S	[00108-00140-00016]	CR002	007	L	-	0.00	0	0	10,452	-	-	-	-	-	-
S	[00108-00140-00016]	CR002	007	L	-	0.00	0	0	10,452	-	-	-	-	-	-
S	[00096-00138-00143]	CR002	007	L	-	0.00	0	0	3,775	-	-	-	-	-	-
S	[00096-00138-00143]	CR002	007	L	-	0.00	0	0	3,775	-	-	-	-	-	-
S	[00142-00102-00139]	CR002	007	L	-	0.00	0	0	1,610	-	-	-	-	-	-
S	[00142-00102-00139]	CR002	007	L	-	0.00	0	0	1,610	-	-	-	-	-	-
S	[00142-00090-00141]	CR002	007	L	-	0.00	0	0	6,186	-	-	-	-	-	-
S	[00142-00090-00141]	CR002	007	L	-	0.00	0	0	6,186	-	-	-	-	-	-
S	[00141-00090-00140]	CR002	007	L	-	0.00	0	0	8,287	-	-	-	-	-	-
S	[00141-00090-00140]	CR002	007	L	-	0.00	0	0	8,287	-	-	-	-	-	-
S	[00141-00140-00108]	CR002	007	L	-	0.00	0	0	9,525	-	-	-	-	-	-
S	[00141-00140-00108]	CR002	007	L	-	0.00	0	0	9,525	-	-	-	-	-	-
S	[00138-00100-00143]	CR002	007	L	-	0.00	0	0	2,537	-	-	-	-	-	-
S	[00138-00100-00143]	CR002	007	L	-	0.00	0	0	2,537	-	-	-	-	-	-
S	[00137-00143-00106]	CR002	007	L	-	0.00	0	0	8,597	-	-	-	-	-	-



															Carichi sulle pareti	
TC	Shell	C	CC	SR	Br	Dis <sub>i</sub>	Q <sub>X/1,i</sub>	Q <sub>Y/2,i</sub>	Q <sub>Z/3,i</sub>	M <sub>T,i</sub>	Dis <sub>f</sub>	Q <sub>X/1,f</sub>	Q <sub>Y/2,f</sub>	Q <sub>Z/3,f</sub>	M <sub>T,f</sub>	
						[m]	[N/m;N/m²]	[N/m;N/m²]	[N/m;N/m²]	[N-m/m;N]	[m]	[N/m;N/m²]	[N/m;N/m²]	[N/m;N/m²]	[N-m/m;N]	
S	[00137-00143-00106]	CR002	007	L	-	0.00	0	0	8,597	-	-	-	-	-	-	
S	[00142-00139-00091]	CR002	007	L	-	0.00	0	0	2,847	-	-	-	-	-	-	
S	[00142-00139-00091]	CR002	007	L	-	0.00	0	0	2,847	-	-	-	-	-	-	
S	[00142-00091-00090]	CR002	007	L	-	0.00	0	0	4,639	-	-	-	-	-	-	
S	[00142-00091-00090]	CR002	007	L	-	0.00	0	0	4,639	-	-	-	-	-	-	
S	[00107-00141-00108]	CR002	007	L	-	0.00	0	0	10,206	-	-	-	-	-	-	
S	[00107-00141-00108]	CR002	007	L	-	0.00	0	0	10,206	-	-	-	-	-	-	
S	[00101-00102-00142]	CR002	007	L	-	0.00	0	0	928	-	-	-	-	-	-	
S	[00101-00102-00142]	CR002	007	L	-	0.00	0	0	928	-	-	-	-	-	-	
S	[00106-00143-00107]	CR002	007	L	-	0.00	0	0	9,278	-	-	-	-	-	-	
S	[00106-00143-00107]	CR002	007	L	-	0.00	0	0	9,278	-	-	-	-	-	-	
S	[00145-00100-00138]	CR002	007	L	-	0.00	0	0	682	-	-	-	-	-	-	
S	[00145-00100-00138]	CR002	007	L	-	0.00	0	0	682	-	-	-	-	-	-	
S	[00143-00142-00141]	CR002	007	L	-	0.00	0	0	5,567	-	-	-	-	-	-	
S	[00143-00142-00141]	CR002	007	L	-	0.00	0	0	5,567	-	-	-	-	-	-	
S	[00143-00141-00107]	CR002	007	L	-	0.00	0	0	8,351	-	-	-	-	-	-	
S	[00143-00141-00107]	CR002	007	L	-	0.00	0	0	8,351	-	-	-	-	-	-	
S	[00143-00101-00142]	CR002	007	L	-	0.00	0	0	2,784	-	-	-	-	-	-	
S	[00143-00101-00142]	CR002	007	L	-	0.00	0	0	2,784	-	-	-	-	-	-	
S	[00100-00101-00143]	CR002	007	L	-	0.00	0	0	1,856	-	-	-	-	-	-	
S	[00100-00101-00143]	CR002	007	L	-	0.00	0	0	1,856	-	-	-	-	-	-	
Piano Terra		Parete 1-4			Parete 1-4						Peso proprio		-7,500			
S	[00090-00125-00016]	CR002	007	L	-	0.00	0	0	9,233	-	-	-	-	-	-	
S	[00090-00125-00016]	CR002	007	L	-	0.00	0	0	9,233	-	-	-	-	-	-	
S	[00112-00128-00015]	CR002	007	L	-	0.00	0	0	10,470	-	-	-	-	-	-	
S	[00112-00128-00015]	CR002	007	L	-	0.00	0	0	10,470	-	-	-	-	-	-	
S	[00090-00091-00125]	CR002	007	L	-	0.00	0	0	6,759	-	-	-	-	-	-	
S	[00090-00091-00125]	CR002	007	L	-	0.00	0	0	6,759	-	-	-	-	-	-	
S	[00016-00125-00114]	CR002	007	L	-	0.00	0	0	10,470	-	-	-	-	-	-	
S	[00016-00125-00114]	CR002	007	L	-	0.00	0	0	10,470	-	-	-	-	-	-	
S	[00146-00092-00126]	CR002	007	L	-	0.00	0	0	664	-	-	-	-	-	-	
S	[00146-00092-00126]	CR002	007	L	-	0.00	0	0	664	-	-	-	-	-	-	
S	[00127-00147-00072]	CR002	007	L	-	0.00	0	0	1,901	-	-	-	-	-	-	
S	[00127-00147-00072]	CR002	007	L	-	0.00	0	0	1,901	-	-	-	-	-	-	
S	[00128-00127-00072]	CR002	007	L	-	0.00	0	0	4,949	-	-	-	-	-	-	
S	[00128-00127-00072]	CR002	007	L	-	0.00	0	0	4,949	-	-	-	-	-	-	
S	[00128-00072-00073]	CR002	007	L	-	0.00	0	0	6,759	-	-	-	-	-	-	
S	[00128-00072-00073]	CR002	007	L	-	0.00	0	0	6,759	-	-	-	-	-	-	
S	[00091-00126-00125]	CR002	007	L	-	0.00	0	0	4,949	-	-	-	-	-	-	
S	[00091-00126-00125]	CR002	007	L	-	0.00	0	0	4,949	-	-	-	-	-	-	
S	[00128-00073-00015]	CR002	007	L	-	0.00	0	0	9,233	-	-	-	-	-	-	
S	[00128-00073-00015]	CR002	007	L	-	0.00	0	0	9,233	-	-	-	-	-	-	
S	[00125-00126-00130]	CR002	007	L	-	0.00	0	0	4,639	-	-	-	-	-	-	
S	[00125-00126-00130]	CR002	007	L	-	0.00	0	0	4,639	-	-	-	-	-	-	
S	[00094-00147-00127]	CR002	007	L	-	0.00	0	0	664	-	-	-	-	-	-	
S	[00094-00147-00127]	CR002	007	L	-	0.00	0	0	664	-	-	-	-	-	-	
S	[00125-00130-00129]	CR002	007	L	-	0.00	0	0	6,759	-	-	-	-	-	-	
S	[00125-00130-00129]	CR002	007	L	-	0.00	0	0	6,759	-	-	-	-	-	-	
S	[00126-00092-00130]	CR002	007	L	-	0.00	0	0	1,592	-	-	-	-	-	-	
S	[00126-00092-00130]	CR002	007	L	-	0.00	0	0	1,592	-	-	-	-	-	-	
S	[00130-00128-00129]	CR002	007	L	-	0.00	0	0	6,759	-	-	-	-	-	-	
S	[00130-00128-00129]	CR002	007	L	-	0.00	0	0	6,759	-	-	-	-	-	-	
S	[00092-00093-00130]	CR002	007	L	-	0.00	0	0	928	-	-	-	-	-	-	
S	[00092-00093-00130]	CR002	007	L	-	0.00	0	0	928	-	-	-	-	-	-	
S	[00125-00129-00114]	CR002	007	L	-	0.00	0	0	9,542	-	-	-	-	-	-	
S	[00125-00129-00114]	CR002	007	L	-	0.00	0	0	9,542	-	-	-	-	-	-	
S	[00129-00112-00113]	CR002	007	L	-	0.00	0	0	10,206	-	-	-	-	-	-	
S	[00129-00112-00113]	CR002	007	L	-	0.00	0	0	10,206	-	-	-	-	-	-	
S	[00129-00128-00112]	CR002	007	L	-	0.00	0	0	9,542	-	-	-	-	-	-	
S	[00129-00128-00112]	CR002	007	L	-	0.00	0	0	9,542	-	-	-	-	-	-	
S	[00130-00094-00127]	CR002	007	L	-	0.00	0	0	1,592	-	-	-	-	-	-	
S	[00130-00094-00127]	CR002	007	L	-	0.00	0	0	1,592	-	-	-	-	-	-	
S	[00130-00093-00094]	CR002	007	L	-	0.00	0	0	928	-	-	-	-	-	-	
S	[00130-00093-00094]	CR002	007	L	-	0.00	0	0	928	-	-	-	-	-	-	
S	[00130-00127-00128]	CR002	007	L	-	0.00	0	0	4,639	-	-	-	-	-	-	
S	[00130-00127-00128]	CR002	007	L	-	0.00	0	0	4,639	-	-	-	-	-	-	
S	[00146-00126-00091]	CR002	007	L	-	0.00	0	0	1,901	-	-	-	-	-	-	
S	[00146-00126-00091]	CR002	007	L	-	0.00	0	0	1,901	-	-	-	-	-	-	
S	[00114-00129-00113]	CR002	007	L	-	0.00	0	0	10,206	-	-	-	-	-	-	
S	[00114-00129-00113]	CR002	007	L	-	0.00	0	0	10,206	-	-	-	-	-	-	
Piano Terra		Parete 2-5			Parete 2-5						Peso proprio		-7,500			
L	-	CR001	001	G	2	0.00	0	0	-307	0	0.00	0	0	-307	0	
L	-	CR003	008	G	0	0.00	104	0	0	0	0.00	104	0	0	0	
L	-	CR003	009	G	0	0.00	-207	0	0	0	0.00	-207	0	0	0	
L	-	CR003	010	G	0	0.00	104	0	0	0	0.00	104	0	0	0	



Carichi sulle pareti															
TC	Shell	C	CC	SR	Br	Dis <sub>i</sub>	Q <sub>X/1,i</sub>	Q <sub>Y/2,i</sub>	Q <sub>Z/3,i</sub>	M <sub>T,i</sub>	Dis <sub>f</sub>	Q <sub>X/1,f</sub>	Q <sub>Y/2,f</sub>	Q <sub>Z/3,f</sub>	M <sub>T,f</sub>
						[m]	[N/m;N/m²]	[N/m;N/m²]	[N/m;N/m²]	[N-m;m;N]	[m]	[N/m;N/m²]	[N/m;N/m²]	[N/m;N/m²]	[N-m;m;N]
L	-	CR003	011	G	0	0.00	104	0	0	0	0.00	104	0	0	0
S	[00134-00067-00010]	CR002	007	L	-	0.00	0	0	9,233	-	-	-	-	-	-
S	[00134-00067-00010]	CR002	007	L	-	0.00	0	0	9,233	-	-	-	-	-	-
S	[00095-00096-00131]	CR002	007	L	-	0.00	0	0	6,759	-	-	-	-	-	-
S	[00095-00096-00131]	CR002	007	L	-	0.00	0	0	6,759	-	-	-	-	-	-
S	[00095-00131-00009]	CR002	007	L	-	0.00	0	0	9,233	-	-	-	-	-	-
S	[00095-00131-00009]	CR002	007	L	-	0.00	0	0	9,233	-	-	-	-	-	-
S	[00096-00145-00132]	CR002	007	L	-	0.00	0	0	1,901	-	-	-	-	-	-
S	[00096-00145-00132]	CR002	007	L	-	0.00	0	0	1,901	-	-	-	-	-	-
S	[00133-00144-00068]	CR002	007	L	-	0.00	0	0	1,901	-	-	-	-	-	-
S	[00133-00144-00068]	CR002	007	L	-	0.00	0	0	1,901	-	-	-	-	-	-
S	[00096-00132-00131]	CR002	007	L	-	0.00	0	0	4,949	-	-	-	-	-	-
S	[00096-00132-00131]	CR002	007	L	-	0.00	0	0	4,949	-	-	-	-	-	-
S	[00133-00067-00134]	CR002	007	L	-	0.00	0	0	6,186	-	-	-	-	-	-
S	[00133-00067-00134]	CR002	007	L	-	0.00	0	0	6,186	-	-	-	-	-	-
S	[00099-00144-00133]	CR002	007	L	-	0.00	0	0	664	-	-	-	-	-	-
S	[00099-00144-00133]	CR002	007	L	-	0.00	0	0	664	-	-	-	-	-	-
S	[00105-00134-00010]	CR002	007	L	-	0.00	0	0	10,470	-	-	-	-	-	-
S	[00105-00134-00010]	CR002	007	L	-	0.00	0	0	10,470	-	-	-	-	-	-
S	[00133-00068-00067]	CR002	007	L	-	0.00	0	0	4,375	-	-	-	-	-	-
S	[00133-00068-00067]	CR002	007	L	-	0.00	0	0	4,375	-	-	-	-	-	-
S	[00132-00097-00136]	CR002	007	L	-	0.00	0	0	1,592	-	-	-	-	-	-
S	[00132-00097-00136]	CR002	007	L	-	0.00	0	0	1,592	-	-	-	-	-	-
S	[00009-00131-00103]	CR002	007	L	-	0.00	0	0	10,470	-	-	-	-	-	-
S	[00009-00131-00103]	CR002	007	L	-	0.00	0	0	10,470	-	-	-	-	-	-
S	[00135-00105-00104]	CR002	007	L	-	0.00	0	0	10,206	-	-	-	-	-	-
S	[00135-00105-00104]	CR002	007	L	-	0.00	0	0	10,206	-	-	-	-	-	-
S	[00145-00097-00132]	CR002	007	L	-	0.00	0	0	664	-	-	-	-	-	-
S	[00145-00097-00132]	CR002	007	L	-	0.00	0	0	664	-	-	-	-	-	-
S	[00131-00135-00103]	CR002	007	L	-	0.00	0	0	9,542	-	-	-	-	-	-
S	[00131-00135-00103]	CR002	007	L	-	0.00	0	0	9,542	-	-	-	-	-	-
S	[00135-00133-00134]	CR002	007	L	-	0.00	0	0	6,495	-	-	-	-	-	-
S	[00135-00133-00134]	CR002	007	L	-	0.00	0	0	6,495	-	-	-	-	-	-
S	[00135-00134-00105]	CR002	007	L	-	0.00	0	0	9,542	-	-	-	-	-	-
S	[00135-00134-00105]	CR002	007	L	-	0.00	0	0	9,542	-	-	-	-	-	-
S	[00098-00099-00136]	CR002	007	L	-	0.00	0	0	928	-	-	-	-	-	-
S	[00098-00099-00136]	CR002	007	L	-	0.00	0	0	928	-	-	-	-	-	-
S	[00132-00136-00131]	CR002	007	L	-	0.00	0	0	4,639	-	-	-	-	-	-
S	[00132-00136-00131]	CR002	007	L	-	0.00	0	0	4,639	-	-	-	-	-	-
S	[00136-00133-00135]	CR002	007	L	-	0.00	0	0	4,375	-	-	-	-	-	-
S	[00136-00133-00135]	CR002	007	L	-	0.00	0	0	4,375	-	-	-	-	-	-
S	[00136-00099-00133]	CR002	007	L	-	0.00	0	0	1,592	-	-	-	-	-	-
S	[00136-00099-00133]	CR002	007	L	-	0.00	0	0	1,592	-	-	-	-	-	-
S	[00103-00135-00104]	CR002	007	L	-	0.00	0	0	10,206	-	-	-	-	-	-
S	[00103-00135-00104]	CR002	007	L	-	0.00	0	0	10,206	-	-	-	-	-	-
S	[00097-00098-00136]	CR002	007	L	-	0.00	0	0	928	-	-	-	-	-	-
S	[00097-00098-00136]	CR002	007	L	-	0.00	0	0	928	-	-	-	-	-	-
S	[00131-00136-00135]	CR002	007	L	-	0.00	0	0	6,759	-	-	-	-	-	-
S	[00131-00136-00135]	CR002	007	L	-	0.00	0	0	6,759	-	-	-	-	-	-

## LEGENDA:

- TC** Descrizione del tipo di carico: [L] = Lineare - [C] = Concentrato - [S] = Superficiale - [T] = Termico.
- C** Descrizione del carico:  
CR001= TAMPONATURA: Optilam 10.8 mm CR002= Spinta Terreno attiva (Piroclastiti sabbioso limose) CR003= Azione del Vento (Tamponatura)
- CC** Identificativo della tipologia di carico nella relativa tabella.
- SR** Identificativo del sistema di riferimento considerato: [G] = Sistema di riferimento Globale X, Y, Z - [L] = Sistema di riferimento Locale 1, 2, 3.
- Br** Se la colonna "TC" riporta il valore "Lineare", indica la posizione del carico distribuito: [Sup] = carico applicato sul bordo superiore - [Inf] = Carico applicato sul bordo inferiore.
- Dis<sub>i</sub>** Distanza del punto "i" dall'estremo iniziale dell'elemento. Il punto "i" indica il punto iniziale del tratto interessato dal carico distribuito sul bordo.
- M<sub>T,i</sub>** Valore nel punto "i", del vettore momento (torcente) distribuito, sempre riferito all'asse 1 (asse della parete) del sistema di riferimento locale 1, 2, 3, quale che sia il sistema di riferimento indicato nella colonna "S.R".
- Dis<sub>f</sub>** Distanza del punto "f" dall'estremo finale dell'elemento. Il punto "f" indica il punto finale del tratto interessato dal carico distribuito sul bordo.
- M<sub>T,f</sub>** Valore nel punto "f", del vettore momento (torcente) distribuito, sempre riferito all'asse 1 (asse della parete) del sistema di riferimento locale 1, 2, 3, quale che sia il sistema di riferimento indicato nella colonna "S.R".
- Q<sub>X/1,i</sub>** Valore (nel punto iniziale della parete, "i") della forza distribuita riferita agli assi del sistema di riferimento indicato nella colonna "S.R".
- Q<sub>Y/2,i</sub>**
- Q<sub>Z/3,i</sub>**
- Q<sub>X/1,f</sub>** Valore (nel punto finale della parete, "f") della forza distribuita riferita agli assi del sistema di riferimento indicato nella colonna "S.R".
- Q<sub>Y/2,f</sub>**
- Q<sub>Z/3,f</sub>**
- ΔT** Differenza di temperatura fra le facce dell'elemento shell.

## CARICHI SULLE PLATEE

Carichi sulle platee



TC	Shell	C	CC	SR	Q <sub>x</sub>	Q <sub>y</sub>	Q <sub>z</sub>
					[N/m <sup>2</sup> ]	[N/m <sup>2</sup> ]	[N/m <sup>2</sup> ]
<b>Fondazione</b>	<b>Platea 1</b>			<b>Peso proprio</b>		<b>-7,500</b>	
S	-	CR001	002	G	0	0	-2,000
S	-	CR002	004	G	0	0	-2,500

#### LEGENDA:

**TC** Descrizione del tipo di carico: [L] = Lineare - [C] = Concentrato - [S] = Superficiale - [T] = Termico.

**C** Descrizione del carico:

CR001= PLATEA: Platea (sovraccarico permanente) CR002= PLATEA: Platea (sovraccarico accidentale)

**CC** Identificativo della tipologia di carico nella relativa tabella.

**SR** Identificativo del sistema di riferimento considerato: [G] = Sistema di riferimento Globale X, Y, Z - [L] = Sistema di riferimento Locale 1, 2, 3.

**Q<sub>x</sub>, Q<sub>y</sub>, Q<sub>z</sub>** Valore della forza distribuita superficiale uniforme riferita agli assi del sistema di riferimento indicato nella colonna "S.R".

**ΔT** Differenza di temperatura fra le facce dell'elemento shell.

### NODI - SPOSTAMENTI PER CONDIZIONI DI CARICO NON SISMICHE

Nodi - Spostamenti per condizioni di carico non sismiche								
Nodo	CC	S <sub>x</sub>	S <sub>y</sub>	S <sub>z</sub>	Θ <sub>x</sub>	Θ <sub>y</sub>	Θ <sub>z</sub>	
		[cm]	[cm]	[cm]	[rad]	[rad]	[rad]	
00001	001	0.0070	-0.0012	-0.0533	1.0297 E-05	5.2455 E-05	-4.91 E-08	
	002	0.0051	0.0000	-0.0078	8.255 E-07	3.7329 E-05	-5.2516 E-08	
	003	0.0205	-0.0002	-0.0177	3.2716 E-06	1.4916 E-04	-2.3496 E-07	
	004	0.0000	0.0000	-0.0042	1.1707 E-08	8.7606 E-09	7.8693 E-09	
	005	0.0065	0.0000	-0.0059	9.531 E-07	4.7339 E-05	-7.1118 E-08	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	-0.0001	0.0001	0.0000	5.8799 E-08	2.3101 E-07	-2.9045 E-07	
	008	0.0030	0.0057	0.0014	-4.241 E-05	2.1333 E-05	-4.9275 E-07	
	009	-0.0063	0.0058	0.0070	-4.548 E-05	-4.9567 E-05	3.8067 E-07	
	010	0.0030	0.0057	0.0014	-4.241 E-05	2.1333 E-05	-4.9275 E-07	
	011	0.0032	-0.0115	-0.0084	8.7884 E-05	2.8313 E-05	1.0853 E-07	
00002	001	0.0911	-0.0075	-0.0565	1.0434 E-05	7.5317 E-05	-1.9852 E-05	
	002	0.0668	-0.0006	-0.0087	1.5364 E-06	5.5594 E-05	-1.7006 E-05	
	003	0.2672	-0.0024	-0.0215	6.1583 E-06	2.2218 E-04	-6.7778 E-05	
	004	0.0000	0.0000	-0.0042	-6.6675 E-10	-1.3654 E-10	1.4693 E-10	
	005	0.0834	-0.0007	-0.0076	1.4142 E-05	4.9652 E-05	-1.5598 E-05	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	-2.0566 E-08	-1.845 E-08	-2.221 E-08	
	008	0.0363	0.0753	0.0015	-5.0682 E-05	2.7563 E-05	-5.886 E-05	
	009	-0.0833	0.0756	0.0076	-5.8643 E-05	-6.4379 E-05	2.2826 E-05	
	010	0.0363	0.0753	0.0015	-5.0682 E-05	2.7563 E-05	-5.886 E-05	
	011	0.0470	-0.1509	-0.0091	1.0934 E-04	3.6788 E-05	3.5229 E-05	
00003	001	0.0070	-0.0010	-0.0520	5.539 E-06	5.2325 E-05	-7.6492 E-09	
	002	0.0051	0.0000	-0.0077	-4.8867 E-07	3.7309 E-05	4.6238 E-08	
	003	0.0205	0.0000	-0.0175	-1.9041 E-06	1.4907 E-04	2.2756 E-07	
	004	0.0000	0.0000	-0.0042	-1.232 E-08	9.6092 E-09	-1.3357 E-08	
	005	0.0065	0.0000	-0.0059	-7.4749 E-07	4.7307 E-05	6.8721 E-08	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	-6.9303 E-08	1.6466 E-07	4.649 E-07	
	008	0.0032	0.0058	-0.0051	-4.494 E-05	2.6195 E-05	-3.6717 E-07	
	009	-0.0061	0.0057	0.0005	-4.1894 E-05	-4.469 E-05	-1.2511 E-06	
	010	0.0032	0.0058	-0.0051	-4.494 E-05	2.6195 E-05	-3.6717 E-07	
	011	0.0030	-0.0115	0.0046	8.6817 E-05	1.8578 E-05	1.62 E-06	
00004	001	0.0926	-0.0076	-0.0552	5.5069 E-06	7.6572 E-05	6.4068 E-06	
	002	0.0682	-0.0007	-0.0087	-1.3683 E-06	5.66 E-05	4.8213 E-06	
	003	0.2725	-0.0026	-0.0214	-5.4485 E-06	2.2619 E-04	1.9453 E-05	
	004	0.0000	0.0000	-0.0042	-6.7362 E-10	6.6295 E-11	-4.4282 E-11	
	005	0.0850	-0.0006	-0.0075	-1.4143 E-05	5.0892 E-05	1.0151 E-06	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	-2.1967 E-08	1.7162 E-08	-1.6611 E-08	
	008	0.0440	0.0754	-0.0056	-5.4589 E-05	3.486 E-05	-5.4646 E-05	
	009	-0.0771	0.0761	0.0005	-4.706 E-05	-5.8054 E-05	-1.2115 E-04	
	010	0.0440	0.0754	-0.0056	-5.4589 E-05	3.486 E-05	-5.4646 E-05	
	011	0.0332	-0.1515	0.0050	1.0171 E-04	2.3174 E-05	1.7518 E-04	
00005	001	0.0069	-0.0011	-0.0436	6.942 E-06	4.8514 E-05	1.6476 E-07	
	002	0.0051	0.0000	-0.0015	5.5814 E-07	3.6718 E-05	9.2643 E-08	
	003	0.0204	-0.0001	0.0072	2.2797 E-06	1.4678 E-04	3.2233 E-07	
	004	0.0000	0.0000	-0.0042	-1.2284 E-08	-1.0737 E-08	1.4994 E-08	
	005	0.0065	0.0000	0.0019	4.9501 E-07	4.653 E-05	9.4924 E-08	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0001	-0.0001	0.0000	6.4718 E-09	-1.1817 E-07	-4.3058 E-07	
	008	0.0031	0.0057	-0.0014	-4.3543 E-05	2.0998 E-05	6.5875 E-07	
	009	-0.0062	0.0057	-0.0069	-4.598 E-05	-4.8764 E-05	4.7104 E-07	
	010	0.0031	0.0057	-0.0014	-4.3543 E-05	2.0998 E-05	6.5875 E-07	
	011	0.0032	-0.0114	0.0083	8.9509 E-05	2.7839 E-05	-1.129 E-06	
00006	001	0.0926	-0.0068	-0.0450	1.245 E-05	8.4841 E-05	-2.2076 E-05	
	002	0.0681	0.0001	-0.0013	5.1258 E-06	5.4952 E-05	-1.7764 E-05	



Nodi - Spostamenti per condizioni di carico non sismiche								
Nodo	CC	S <sub>x</sub> [cm]	S <sub>y</sub> [cm]	S <sub>z</sub> [cm]	Θ <sub>x</sub> [rad]	Θ <sub>y</sub> [rad]	Θ <sub>z</sub> [rad]	
	003	0.2721	0.0002	0.0083	2.0496 E-05	2.1961 E-04	-7.0798 E-05	
	004	0.0000	0.0000	-0.0042	-5.0318 E-10	5.4628 E-11	1.3176 E-10	
	005	0.0852	0.0003	0.0021	-6.5811 E-06	9.462 E-05	-1.7152 E-05	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	2.3899 E-08	1.8733 E-08	-1.9791 E-08	
	008	0.0440	0.0845	-0.0014	-4.9462 E-05	3.0378 E-05	-3.4209 E-05	
	009	-0.0765	0.0841	-0.0075	-5.5737 E-05	-6.6342 E-05	1.3144 E-05	
	010	0.0440	0.0845	-0.0014	-4.9462 E-05	3.0378 E-05	-3.4209 E-05	
	011	0.0326	-0.1685	0.0089	1.0528 E-04	3.599 E-05	2.0976 E-05	
00007	001	0.0069	-0.0012	-0.0448	8.9548 E-06	4.8473 E-05	-1.2219 E-07	
	002	0.0051	0.0000	-0.0016	-2.2656 E-07	3.6713 E-05	-9.1178 E-08	
	003	0.0204	-0.0001	0.0071	-9.3225 E-07	1.4675 E-04	-3.3452 E-07	
	004	0.0000	0.0000	-0.0042	1.1521 E-08	-8.3249 E-09	-9.3458 E-09	
	005	0.0065	0.0000	0.0019	-3.1608 E-07	4.6536 E-05	-9.7474 E-08	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0001	0.0000	6.2063 E-08	-1.8028 E-07	3.924 E-07	
	008	0.0031	0.0057	0.0051	-4.4079 E-05	2.5223 E-05	3.2323 E-08	
	009	-0.0062	0.0057	-0.0005	-4.1582 E-05	-4.4583 E-05	2.2645 E-07	
	010	0.0031	0.0057	0.0051	-4.4079 E-05	2.5223 E-05	3.2323 E-08	
	011	0.0031	-0.0114	-0.0046	8.5641 E-05	1.9437 E-05	-2.5897 E-07	
00008	001	0.0911	-0.0066	-0.0463	3.4389 E-06	8.272 E-05	8.117 E-06	
	002	0.0667	0.0002	-0.0013	-4.8584 E-06	5.3474 E-05	5.1364 E-06	
	003	0.2667	0.0009	0.0082	-1.9404 E-05	2.1371 E-04	2.0718 E-05	
	004	0.0000	0.0000	-0.0042	-3.844 E-10	-1.4878 E-10	-1.7099 E-11	
	005	0.0836	0.0003	0.0021	6.5979 E-06	9.2746 E-05	2.0184 E-06	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	1.7201 E-08	-1.7929 E-08	-1.6157 E-08	
	008	0.0363	0.0844	0.0055	-5.4571 E-05	3.3318 E-05	-5.3788 E-05	
	009	-0.0828	0.0836	-0.0007	-4.7732 E-05	-6.2395 E-05	-8.6012 E-05	
	010	0.0363	0.0844	0.0055	-5.4571 E-05	3.3318 E-05	-5.3788 E-05	
	011	0.0465	-0.1679	-0.0048	1.0235 E-04	2.9074 E-05	1.3922 E-04	
00009	001	0.0000	0.0000	-0.0519	9.7229 E-06	4.7368 E-05	4.764 E-09	
	002	0.0000	0.0000	-0.0078	4.0588 E-07	3.5977 E-05	1.4833 E-09	
	003	0.0000	0.0000	-0.0179	1.4236 E-06	1.4405 E-04	6.9537 E-09	
	004	0.0000	0.0000	-0.0042	6.5165 E-08	-8.3461 E-08	-3.2053 E-10	
	005	0.0000	0.0000	-0.0060	3.4725 E-07	4.5743 E-05	2.3497 E-09	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	1.6546 E-06	-1.6313 E-06	-3.729 E-08	
	008	0.0000	0.0000	-0.0053	-4.0104 E-05	2.176 E-05	-1.5579 E-09	
	009	0.0000	0.0000	0.0005	-4.0376 E-05	-4.3479 E-05	-4.4743 E-09	
	010	0.0000	0.0000	-0.0053	-4.0104 E-05	2.176 E-05	-1.5579 E-09	
	011	0.0000	0.0000	0.0048	8.0469 E-05	2.1788 E-05	6.0338 E-09	
00010	001	0.0000	0.0000	-0.0533	6.0542 E-06	4.7389 E-05	-6.6597 E-09	
	002	0.0000	0.0000	-0.0079	-5.3564 E-08	3.6011 E-05	-1.7442 E-09	
	003	0.0000	0.0000	-0.0181	-3.6878 E-09	1.4417 E-04	-6.0392 E-09	
	004	0.0000	0.0000	-0.0042	-6.2762 E-08	-7.8843 E-08	-2.9088 E-10	
	005	0.0000	0.0000	-0.0061	-1.2278 E-07	4.5788 E-05	-2.0086 E-09	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0001	-1.7263 E-06	-1.7047 E-06	1.6089 E-08	
	008	0.0000	0.0000	0.0014	-4.0256 E-05	2.178 E-05	-5.7153 E-09	
	009	0.0000	0.0000	0.0072	-4.0043 E-05	-4.3528 E-05	-2.2714 E-09	
	010	0.0000	0.0000	0.0014	-4.0256 E-05	2.178 E-05	-5.7153 E-09	
	011	0.0000	0.0000	-0.0087	8.0287 E-05	2.1817 E-05	7.9843 E-09	
00011	001	0.0000	0.0000	-0.0431	4.2619 E-06	5.3206 E-05	3.0409 E-10	
	002	0.0000	0.0000	-0.0003	2.3339 E-07	3.609 E-05	3.7812 E-10	
	003	0.0000	0.0000	0.0119	1.5326 E-06	1.4354 E-04	1.5948 E-09	
	004	0.0000	0.0000	-0.0042	-1.848 E-07	2.1788 E-07	-2.6143 E-11	
	005	0.0000	0.0000	0.0035	3.4193 E-07	4.5625 E-05	5.0152 E-10	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0001	-1.4705 E-06	1.3402 E-06	8.8737 E-09	
	008	0.0000	0.0000	0.0071	-3.9397 E-05	2.1134 E-05	-5.0122 E-10	
	009	0.0000	0.0000	-0.0006	-3.994 E-05	-4.3597 E-05	-1.3684 E-09	
	010	0.0000	0.0000	0.0071	-3.9397 E-05	2.1134 E-05	-5.0122 E-10	
	011	0.0000	0.0000	-0.0065	7.9327 E-05	2.2532 E-05	1.8712 E-09	
00012	001	0.0000	0.0000	-0.0413	1.1259 E-05	5.3209 E-05	-2.1438 E-10	
	002	0.0000	0.0000	-0.0003	7.1945 E-08	3.6085 E-05	-4.4476 E-10	
	003	0.0000	0.0000	0.0120	-2.7175 E-07	1.4345 E-04	-1.5768 E-09	
	004	0.0000	0.0000	-0.0042	1.7781 E-07	2.3792 E-07	-6.2765 E-11	
	005	0.0000	0.0000	0.0035	-1.7813 E-07	4.5597 E-05	-4.9647 E-10	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0002	1.5357 E-06	1.4095 E-06	-9.1205 E-09	
	008	0.0000	0.0000	-0.0020	-3.9802 E-05	2.2081 E-05	-8.6911 E-10	
	009	0.0000	0.0000	-0.0097	-3.9206 E-05	-4.2581 E-05	3.0415 E-11	
	010	0.0000	0.0000	-0.0020	-3.9802 E-05	2.2081 E-05	-8.6911 E-10	
	011	0.0000	0.0000	0.0116	7.8996 E-05	2.0569 E-05	8.3594 E-10	



Nodi - Spostamenti per condizioni di carico non sismiche								
Nodo	CC	S <sub>x</sub> [cm]	S <sub>y</sub> [cm]	S <sub>z</sub> [cm]	Θ <sub>x</sub> [rad]	Θ <sub>y</sub> [rad]	Θ <sub>z</sub> [rad]	
00013	001	0.0000	0.0000	-0.0529	1.2232 E-05	4.4452 E-05	-9.4124 E-10	
	002	0.0000	0.0000	-0.0089	7.6562 E-07	3.5483 E-05	-2.8993 E-10	
	003	0.0000	0.0000	-0.0222	2.5027 E-06	1.4257 E-04	-1.3499 E-09	
	004	0.0000	0.0000	-0.0042	1.7733 E-07	-2.3653 E-07	5.9749 E-11	
	005	0.0000	0.0000	-0.0074	7.0896 E-07	4.5251 E-05	-4.5603 E-10	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0001	1.4176 E-06	-1.2873 E-06	7.1125 E-09	
	008	0.0000	0.0000	-0.0072	-3.9682 E-05	2.1372 E-05	3.007 E-10	
	009	0.0000	0.0000	0.0006	-4.032 E-05	-4.3324 E-05	8.6627 E-10	
	010	0.0000	0.0000	-0.0072	-3.9682 E-05	2.1372 E-05	3.007 E-10	
	011	0.0000	0.0000	0.0066	7.9992 E-05	2.2021 E-05	-1.1673 E-09	
00014	001	0.0000	0.0000	-0.0547	3.3634 E-06	4.4485 E-05	1.303 E-09	
	002	0.0000	0.0000	-0.0089	-4.2234 E-07	3.5533 E-05	3.3794 E-10	
	003	0.0000	0.0000	-0.0223	-1.0895 E-06	1.427 E-04	1.1723 E-09	
	004	0.0000	0.0000	-0.0042	-1.8417 E-07	-2.171 E-07	5.5681 E-11	
	005	0.0000	0.0000	-0.0074	-4.8436 E-07	4.5304 E-05	3.8983 E-10	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0002	-1.5093 E-06	-1.3621 E-06	-2.9017 E-09	
	008	0.0000	0.0000	0.0020	-4.0067 E-05	2.1798 E-05	1.1021 E-09	
	009	0.0000	0.0000	0.0097	-3.9489 E-05	-4.2975 E-05	4.3521 E-10	
	010	0.0000	0.0000	0.0020	-4.0067 E-05	2.1798 E-05	1.1021 E-09	
	011	0.0000	0.0000	-0.0117	7.9544 E-05	2.1246 E-05	-1.5368 E-09	
00015	001	0.0000	0.0000	-0.0445	6.4011 E-06	5.1113 E-05	-1.7077 E-09	
	002	0.0000	0.0000	-0.0014	2.0496 E-07	3.6204 E-05	-1.9529 E-09	
	003	0.0000	0.0000	0.0076	1.0287 E-06	1.4443 E-04	-8.1803 E-09	
	004	0.0000	0.0000	-0.0042	-6.2671 E-08	8.0313 E-08	1.1735 E-10	
	005	0.0000	0.0000	0.0021	1.9877 E-07	4.5892 E-05	-2.5681 E-09	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	-1.7184 E-06	1.6777 E-06	-4.6749 E-08	
	008	0.0000	0.0000	0.0053	-3.9849 E-05	2.1535 E-05	2.5771 E-09	
	009	0.0000	0.0000	-0.0005	-4.0038 E-05	-4.375 E-05	7.0645 E-09	
	010	0.0000	0.0000	0.0053	-3.9849 E-05	2.1535 E-05	2.5771 E-09	
	011	0.0000	0.0000	-0.0048	7.9875 E-05	2.2284 E-05	-9.6495 E-09	
00016	001	0.0000	0.0000	-0.0432	9.3051 E-06	5.1111 E-05	1.2294 E-09	
	002	0.0000	0.0000	-0.0014	1.1182 E-07	3.619 E-05	2.311 E-09	
	003	0.0000	0.0000	0.0077	2.4642 E-07	1.4436 E-04	8.1291 E-09	
	004	0.0000	0.0000	-0.0042	6.5593 E-08	8.5005 E-08	3.4616 E-10	
	005	0.0000	0.0000	0.0021	-3.1796 E-08	4.5866 E-05	2.5584 E-09	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0001	1.7832 E-06	1.7529 E-06	4.776 E-08	
	008	0.0000	0.0000	-0.0014	-4 E-05	2.204 E-05	4.4937 E-09	
	009	0.0000	0.0000	-0.0072	-3.9762 E-05	-4.3184 E-05	-1.6245 E-10	
	010	0.0000	0.0000	-0.0014	-4 E-05	2.204 E-05	4.4937 E-09	
	011	0.0000	0.0000	0.0086	7.975 E-05	2.1214 E-05	-4.317 E-09	
00017	001	0.0784	-0.0041	-0.0501	-1.5861 E-04	9.1939 E-05	1.7869 E-05	
	002	0.0582	0.0006	-0.0036	2.6718 E-06	5.3436 E-05	1.1003 E-05	
	003	0.2327	0.0023	-0.0010	1.0705 E-05	2.1357 E-04	4.4114 E-05	
	004	0.0000	0.0000	-0.0042	-6.4236 E-10	-1.7831 E-10	3.0394 E-11	
	005	0.0722	0.0011	-0.0008	-8.2564 E-08	6.7403 E-05	1.8129 E-05	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	1.6114 E-08	-2.44 E-08	1.7059 E-08	
	008	0.0316	0.0752	0.0046	-6.485 E-05	2.7948 E-05	-5.139 E-05	
	009	-0.0735	0.0736	0.0016	-6.1059 E-05	-5.0989 E-05	-8.0889 E-05	
	010	0.0316	0.0752	0.0046	-6.485 E-05	2.7948 E-05	-5.139 E-05	
	011	0.0419	-0.1487	-0.0062	1.2596 E-04	2.3081 E-05	1.3176 E-04	
00018	001	0.0780	-0.0040	-0.0532	-1.588 E-04	9.1939 E-05	1.7869 E-05	
	002	0.0580	0.0006	-0.0036	2.6718 E-06	5.3436 E-05	1.1003 E-05	
	003	0.2319	0.0023	-0.0010	1.0705 E-05	2.1357 E-04	4.4114 E-05	
	004	0.0000	0.0000	-0.0042	-6.4236 E-10	-1.7831 E-10	3.0394 E-11	
	005	0.0719	0.0011	-0.0008	-8.2564 E-08	6.7403 E-05	1.8129 E-05	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	1.6114 E-08	-2.44 E-08	1.7059 E-08	
	008	0.0325	0.0751	0.0033	-6.485 E-05	2.7948 E-05	-5.139 E-05	
	009	-0.0719	0.0735	0.0005	-6.1059 E-05	-5.0989 E-05	-8.0889 E-05	
	010	0.0325	0.0751	0.0033	-6.485 E-05	2.7948 E-05	-5.139 E-05	
	011	0.0394	-0.1485	-0.0038	1.2596 E-04	2.3081 E-05	1.3176 E-04	
00019	001	0.0581	-0.0030	-0.0497	-1.6993 E-04	6.663 E-05	-4.3417 E-06	
	002	0.0451	0.0010	-0.0033	-1.2451 E-05	3.5505 E-05	-3.7406 E-06	
	003	0.1803	0.0038	0.0001	-4.9713 E-05	1.4189 E-04	-1.4863 E-05	
	004	0.0000	0.0000	-0.0042	-7.55 E-10	-2.0448 E-10	6.9809 E-11	
	005	0.0546	0.0012	-0.0005	-1.9312 E-05	4.1534 E-05	-4.2197 E-06	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	-2.5056 E-09	-2.5571 E-08	1.225 E-08	
	008	0.0265	0.0650	0.0047	-9.5208 E-05	2.7966 E-05	-4.3375 E-05	
	009	-0.0616	0.0635	0.0021	-8.7631 E-05	-5.4205 E-05	-6.4176 E-05	



Nodi - Spostamenti per condizioni di carico non sismiche							
Nodo	CC	S <sub>x</sub> [cm]	S <sub>y</sub> [cm]	S <sub>z</sub> [cm]	Θ <sub>x</sub> [rad]	Θ <sub>y</sub> [rad]	Θ <sub>z</sub> [rad]
00020	010	0.0265	0.0650	0.0047	-9.5208 E-05	2.7966 E-05	-4.3375 E-05
	011	0.0351	-0.1284	-0.0067	1.8288 E-04	2.6295 E-05	1.07 E-04
	001	0.0581	-0.0030	-0.0530	-1.7012 E-04	6.663 E-05	-4.3417 E-06
	002	0.0452	0.0010	-0.0036	-1.2451 E-05	3.5505 E-05	-3.7406 E-06
	003	0.1806	0.0038	-0.0010	-4.9713 E-05	1.4189 E-04	-1.4863 E-05
	004	0.0000	0.0000	-0.0042	-7.55 E-10	-2.0448 E-10	6.9809 E-11
	005	0.0547	0.0012	-0.0009	-1.9312 E-05	4.1534 E-05	-4.2197 E-06
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	007	0.0000	0.0000	0.0000	-2.5056 E-09	-2.5571 E-08	1.225 E-08
	008	0.0273	0.0649	0.0028	-9.5208 E-05	2.7966 E-05	-4.3375 E-05
	009	-0.0604	0.0634	0.0005	-8.7631 E-05	-5.4205 E-05	-6.4176 E-05
00021	010	0.0273	0.0649	0.0028	-9.5208 E-05	2.7966 E-05	-4.3375 E-05
	011	0.0331	-0.1283	-0.0033	1.8288 E-04	2.6295 E-05	1.07 E-04
	001	0.0426	-0.0034	-0.0496	-8.0718 E-05	9.8134 E-05	9.9552 E-06
	002	0.0344	-0.0001	-0.0037	3.9659 E-05	5.9742 E-05	1.2409 E-05
	003	0.1376	-0.0005	-0.0015	1.5852 E-04	2.3877 E-04	4.9667 E-05
	004	0.0000	0.0000	-0.0042	4.7496 E-10	-1.9877 E-10	-4.5217 E-10
	005	0.0401	-0.0003	-0.0010	5.6682 E-05	7.8012 E-05	1.0182 E-05
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	007	0.0000	0.0000	0.0000	-3.3302 E-08	-2.8607 E-08	4.6436 E-08
	008	0.0205	0.0533	0.0044	-5.3528 E-05	2.7352 E-05	-5.0141 E-05
	009	-0.0492	0.0530	0.0021	-1.3736 E-04	-5.7663 E-05	-7.3275 E-05
00022	010	0.0205	0.0533	0.0044	-5.3528 E-05	2.7352 E-05	-5.0141 E-05
	011	0.0287	-0.1062	-0.0065	1.9072 E-04	3.0358 E-05	1.2289 E-04
	001	0.0424	-0.0033	-0.0512	-8.0912 E-05	9.8134 E-05	9.9552 E-06
	002	0.0342	-0.0001	-0.0030	3.9659 E-05	5.9742 E-05	1.2409 E-05
	003	0.1367	-0.0004	0.0012	1.5852 E-04	2.3877 E-04	4.9667 E-05
	004	0.0000	0.0000	-0.0042	4.7496 E-10	-1.9877 E-10	-4.5217 E-10
	005	0.0399	-0.0002	0.0000	5.6682 E-05	7.8012 E-05	1.0182 E-05
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	007	0.0000	0.0000	0.0000	-3.3302 E-08	-2.8607 E-08	4.6436 E-08
	008	0.0215	0.0533	0.0033	-5.3528 E-05	2.7352 E-05	-5.0141 E-05
	009	-0.0478	0.0529	-0.0004	-1.3736 E-04	-5.7663 E-05	-7.3275 E-05
00023	010	0.0215	0.0533	0.0033	-5.3528 E-05	2.7352 E-05	-5.0141 E-05
	011	0.0264	-0.1061	-0.0029	1.9072 E-04	3.0358 E-05	1.2289 E-04
	001	0.0274	-0.0021	-0.0484	-2.1025 E-04	5.4837 E-05	-6.0533 E-06
	002	0.0217	0.0000	-0.0032	-5.0526 E-05	2.5569 E-05	-5.6581 E-06
	003	0.0869	-0.0001	0.0004	-2.0193 E-04	1.0217 E-04	-2.2574 E-05
	004	0.0000	0.0000	-0.0042	-3.0919 E-09	-2.6854 E-10	-1.2958 E-09
	005	0.0256	0.0000	-0.0001	-4.9369 E-05	3.6865 E-05	-5.0863 E-06
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	007	0.0000	0.0000	0.0000	1.4224 E-07	1.7224 E-08	9.6032 E-08
	008	0.0143	0.0405	0.0042	-1.1774 E-04	3.3765 E-05	-6.2689 E-05
	009	-0.0357	0.0391	0.0021	-7.375 E-05	-4.8403 E-05	-8.9177 E-05
00024	010	0.0143	0.0405	0.0042	-1.1774 E-04	3.3765 E-05	-6.2689 E-05
	011	0.0214	-0.0796	-0.0063	1.914 E-04	1.4716 E-05	1.5149 E-04
	001	0.0276	-0.0021	-0.0524	-2.1045 E-04	5.4837 E-05	-6.0533 E-06
	002	0.0218	0.0000	-0.0042	-5.0526 E-05	2.5569 E-05	-5.6581 E-06
	003	0.0873	-0.0001	-0.0036	-2.0193 E-04	1.0217 E-04	-2.2574 E-05
	004	0.0000	0.0000	-0.0042	-3.0919 E-09	-2.6854 E-10	-1.2958 E-09
	005	0.0257	0.0000	-0.0011	-4.9369 E-05	3.6865 E-05	-5.0863 E-06
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	007	0.0000	0.0000	0.0000	1.4224 E-07	1.7224 E-08	9.6032 E-08
	008	0.0155	0.0405	0.0019	-1.1774 E-04	3.3765 E-05	-6.2689 E-05
	009	-0.0340	0.0390	0.0008	-7.375 E-05	-4.8403 E-05	-8.9177 E-05
00025	010	0.0155	0.0405	0.0019	-1.1774 E-04	3.3765 E-05	-6.2689 E-05
	011	0.0186	-0.0794	-0.0027	1.914 E-04	1.4716 E-05	1.5149 E-04
	001	0.0152	-0.0017	-0.0483	-1.4886 E-04	8.3204 E-05	-8.2958 E-06
	002	0.0113	-0.0002	-0.0033	1.0228 E-06	4.9344 E-05	-1.113 E-05
	003	0.0453	-0.0008	0.0000	4.1387 E-06	1.9721 E-04	-4.4474 E-05
	004	0.0000	0.0000	-0.0042	-4.2962 E-09	1.4018 E-10	8.94 E-10
	005	0.0140	-0.0002	-0.0002	1.0125 E-06	5.9732 E-05	-1.0753 E-05
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	007	0.0000	0.0000	0.0000	2.8397 E-07	-2.1125 E-07	-1.5046 E-07
	008	0.0086	0.0219	0.0047	-1.6696 E-04	2.9218 E-05	-1.5896 E-05
	009	-0.0202	0.0210	0.0029	-1.55 E-04	-5.5068 E-05	-7.5454 E-05
00026	010	0.0086	0.0219	0.0047	-1.6696 E-04	2.9218 E-05	-1.5896 E-05
	011	0.0116	-0.0429	-0.0075	3.2166 E-04	2.592 E-05	9.1375 E-05
	001	0.0154	-0.0017	-0.0512	-1.4905 E-04	8.3204 E-05	-8.2958 E-06
	002	0.0115	-0.0002	-0.0034	1.0228 E-06	4.9344 E-05	-1.113 E-05
	003	0.0461	-0.0008	-0.0001	4.1387 E-06	1.9721 E-04	-4.4474 E-05
	004	0.0000	0.0000	-0.0042	-4.2962 E-09	1.4018 E-10	8.94 E-10
	005	0.0142	-0.0002	-0.0002	1.0125 E-06	5.9732 E-05	-1.0753 E-05
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	007	0.0000	0.0000	0.0000	2.8397 E-07	-2.1125 E-07	-1.5046 E-07



Nodi - Spostamenti per condizioni di carico non sismiche								
Nodo	CC	S <sub>x</sub> [cm]	S <sub>y</sub> [cm]	S <sub>z</sub> [cm]	Θ <sub>x</sub> [rad]	Θ <sub>y</sub> [rad]	Θ <sub>z</sub> [rad]	
00027	008	0.0089	0.0219	0.0015	-1.6696 E-04	2.9218 E-05	-1.5896 E-05	
	009	-0.0188	0.0209	0.0000	-1.55 E-04	-5.5068 E-05	-7.5454 E-05	
	010	0.0089	0.0219	0.0015	-1.6696 E-04	2.9218 E-05	-1.5896 E-05	
	011	0.0099	-0.0428	-0.0015	3.2166 E-04	2.592 E-05	9.1375 E-05	
	001	0.0148	-0.0016	-0.0532	-1.4816 E-04	2.9751 E-05	7.9826 E-06	
	002	0.0112	-0.0004	-0.0069	8.7716 E-06	3.484 E-05	6.8992 E-06	
	003	0.0446	-0.0018	-0.0141	3.5085 E-05	1.3923 E-04	2.7571 E-05	
	004	0.0000	0.0000	-0.0042	-4.1612 E-09	-4.4411 E-10	6.7403 E-09	
	005	0.0139	-0.0004	-0.0048	8.5568 E-06	4.5498 E-05	6.7197 E-06	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	3.0061 E-07	1.6218 E-07	-2.6676 E-07	
00028	008	0.0086	0.0194	0.0026	-1.04 E-04	2.3981 E-05	-3.1776 E-05	
	009	-0.0204	0.0157	0.0045	-1.1543 E-04	-5.8542 E-05	3.0108 E-05	
	010	0.0086	0.0194	0.0026	-1.04 E-04	2.3981 E-05	-3.1776 E-05	
	011	0.0118	-0.0351	-0.0072	2.1943 E-04	3.4628 E-05	1.1945 E-06	
	001	0.0147	-0.0016	-0.0560	-1.4836 E-04	2.9751 E-05	7.9826 E-06	
	002	0.0110	-0.0005	-0.0067	8.7716 E-06	3.484 E-05	6.8992 E-06	
	003	0.0441	-0.0018	-0.0133	3.5085 E-05	1.3923 E-04	2.7571 E-05	
	004	0.0000	0.0000	-0.0042	-4.1612 E-09	-4.4411 E-10	6.7403 E-09	
	005	0.0137	-0.0004	-0.0046	8.5568 E-06	4.5498 E-05	6.7197 E-06	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	3.0061 E-07	1.6218 E-07	-2.6676 E-07	
00029	008	0.0092	0.0194	0.0007	-1.04 E-04	2.3981 E-05	-3.1776 E-05	
	009	-0.0209	0.0157	0.0023	-1.1543 E-04	-5.8542 E-05	3.0108 E-05	
	010	0.0092	0.0194	0.0007	-1.04 E-04	2.3981 E-05	-3.1776 E-05	
	011	0.0117	-0.0351	-0.0030	2.1943 E-04	3.4628 E-05	1.1945 E-06	
	001	0.0275	-0.0006	-0.0511	-3.9916 E-04	7.7027 E-05	1.5602 E-05	
	002	0.0220	0.0015	-0.0044	-2.5868 E-04	7.8588 E-05	1.3978 E-05	
	003	0.0880	0.0058	-0.0044	-1.034 E-03	3.1412 E-04	5.5915 E-05	
	004	0.0000	0.0000	-0.0042	9.9571 E-11	-6.0863 E-11	1.349 E-09	
	005	0.0259	0.0015	-0.0026	-2.5156 E-04	8.9129 E-05	1.2822 E-05	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	-1.364 E-07	-6.4677 E-08	-2.52 E-08	
00030	008	0.0142	0.0337	0.0027	-1.4023 E-04	2.027 E-05	-5.4158 E-05	
	009	-0.0359	0.0307	0.0048	4.5289 E-05	-6.2236 E-05	-2.6975 E-05	
	010	0.0142	0.0337	0.0027	-1.4023 E-04	2.027 E-05	-5.4158 E-05	
	011	0.0217	-0.0644	-0.0075	9.5235 E-05	4.1998 E-05	8.0506 E-05	
	001	0.0272	-0.0007	-0.0585	-3.9935 E-04	7.7027 E-05	1.5602 E-05	
	002	0.0217	0.0014	-0.0092	-2.5868 E-04	7.8588 E-05	1.3978 E-05	
	003	0.0869	0.0057	-0.0235	-1.034 E-03	3.1412 E-04	5.5915 E-05	
	004	0.0000	0.0000	-0.0042	9.9571 E-11	-6.0863 E-11	1.349 E-09	
	005	0.0256	0.0014	-0.0072	-2.5156 E-04	8.9129 E-05	1.2822 E-05	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	-1.364 E-07	-6.4677 E-08	-2.52 E-08	
00031	008	0.0152	0.0338	0.0001	-1.4023 E-04	2.027 E-05	-5.4158 E-05	
	009	-0.0354	0.0307	0.0056	4.5289 E-05	-6.2236 E-05	-2.6975 E-05	
	010	0.0152	0.0338	0.0001	-1.4023 E-04	2.027 E-05	-5.4158 E-05	
	011	0.0202	-0.0645	-0.0057	9.5235 E-05	4.1998 E-05	8.0506 E-05	
	001	0.0423	-0.0026	-0.0544	-1.1708 E-04	3.0098 E-05	-5.7921 E-06	
	002	0.0344	0.0005	-0.0072	2.4938 E-05	3.4683 E-05	-7.2795 E-06	
	003	0.1373	0.0021	-0.0155	9.9691 E-05	1.3861 E-04	-2.9034 E-05	
	004	0.0000	0.0000	-0.0042	-5.0811 E-10	-1.2106 E-10	5.1829 E-10	
	005	0.0399	0.0004	-0.0054	3.1065 E-05	4.3598 E-05	-3.857 E-06	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	2.8839 E-08	-2.3217 E-08	3.473 E-08	
00032	008	0.0205	0.0475	0.0032	-1.0778 E-04	2.6869 E-05	-5.5146 E-05	
	009	-0.0493	0.0465	0.0055	-1.3091 E-04	-5.4415 E-05	-2.6683 E-05	
	010	0.0205	0.0475	0.0032	-1.0778 E-04	2.6869 E-05	-5.5146 E-05	
	011	0.0288	-0.0941	-0.0087	2.3866 E-04	2.7601 E-05	8.1126 E-05	
	001	0.0424	-0.0026	-0.0566	-1.1727 E-04	3.0098 E-05	-5.7921 E-06	
	002	0.0345	0.0005	-0.0067	2.4938 E-05	3.4683 E-05	-7.2795 E-06	
	003	0.1378	0.0021	-0.0134	9.9691 E-05	1.3861 E-04	-2.9034 E-05	
	004	0.0000	0.0000	-0.0042	-5.0811 E-10	-1.2106 E-10	5.1829 E-10	
	005	0.0400	0.0004	-0.0048	3.1065 E-05	4.3598 E-05	-3.857 E-06	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	2.8839 E-08	-2.3217 E-08	3.473 E-08	
00033	008	0.0215	0.0476	0.0011	-1.0778 E-04	2.6869 E-05	-5.5146 E-05	
	009	-0.0488	0.0466	0.0030	-1.3091 E-04	-5.4415 E-05	-2.6683 E-05	
	010	0.0215	0.0476	0.0011	-1.0778 E-04	2.6869 E-05	-5.5146 E-05	
	011	0.0272	-0.0941	-0.0042	2.3866 E-04	2.7601 E-05	8.1126 E-05	
	001	0.0581	-0.0037	-0.0514	-1.1709 E-04	8.7292 E-05	-1.5039 E-05	
	002	0.0453	0.0001	-0.0051	7.2639 E-05	7.2639 E-05	-1.296 E-05	
	003	0.1810	0.0006	-0.0072	-4.6907 E-05	2.9033 E-04	-5.1707 E-05	
	004	0.0000	0.0000	-0.0042	-6.8712 E-10	-1.688 E-10	4.716 E-10	
	005	0.0549	0.0003	-0.0022	-2.0935 E-05	1.0323 E-04	-1.4445 E-05	



Nodi - Spostamenti per condizioni di carico non sismiche								
Nodo	CC	S <sub>x</sub> [cm]	S <sub>y</sub> [cm]	S <sub>z</sub> [cm]	Θ <sub>x</sub> [rad]	Θ <sub>y</sub> [rad]	Θ <sub>z</sub> [rad]	
00034	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	7.207 E-09	-2.3118 E-08	-1.4097 E-08	
	008	0.0265	0.0603	0.0027	-7.6577 E-05	2.4499 E-05	-4.6872 E-05	
	009	-0.0617	0.0590	0.0052	-8.1714 E-05	-5.8231 E-05	-1.2062 E-05	
	010	0.0265	0.0603	0.0027	-7.6577 E-05	2.4499 E-05	-4.6872 E-05	
	011	0.0352	-0.1193	-0.0079	1.5829 E-04	3.3777 E-05	5.8215 E-05	
	001	0.0584	-0.0037	-0.0546	-1.7128 E-04	8.7292 E-05	-1.5039 E-05	
	002	0.0455	0.0002	-0.0053	-1.1738 E-05	7.2639 E-05	-1.296 E-05	
	003	0.1820	0.0006	-0.0077	-4.6907 E-05	2.9033 E-04	-5.1707 E-05	
	004	0.0000	0.0000	-0.0042	-6.8712 E-10	-1.688 E-10	4.716 E-10	
	005	0.0552	0.0003	-0.0025	-2.0935 E-05	1.0323 E-04	-1.4445 E-05	
00035	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	7.207 E-09	-2.3118 E-08	-1.4097 E-08	
	008	0.0274	0.0604	0.0012	-7.6577 E-05	2.4499 E-05	-4.6872 E-05	
	009	-0.0615	0.0590	0.0036	-8.1714 E-05	-5.8231 E-05	-1.2062 E-05	
	010	0.0274	0.0604	0.0012	-7.6577 E-05	2.4499 E-05	-4.6872 E-05	
	011	0.0341	-0.1194	-0.0049	1.5829 E-04	3.3777 E-05	5.8215 E-05	
	001	0.0783	-0.0042	-0.0541	-1.4103 E-04	4.8666 E-05	-2.8933 E-05	
	002	0.0583	0.0004	-0.0067	8.3692 E-06	4.6211 E-05	-2.0479 E-05	
	003	0.2330	0.0014	-0.0136	3.3464 E-05	1.8469 E-04	-8.1717 E-05	
	004	0.0000	0.0000	-0.0042	-6.5252 E-10	-1.918 E-10	2.5896 E-10	
	005	0.0724	0.0008	-0.0049	9.233 E-06	6.2223 E-05	-2.9652 E-05	
00036	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	-1.2319 E-08	-2.5667 E-08	5.9364 E-09	
	008	0.0316	0.0696	0.0026	-6.0642 E-05	2.4035 E-05	-5.5556 E-05	
	009	-0.0736	0.0677	0.0055	-6.3589 E-05	-5.7515 E-05	-9.5883 E-06	
	010	0.0316	0.0696	0.0026	-6.0642 E-05	2.4035 E-05	-5.5556 E-05	
	011	0.0420	-0.1373	-0.0081	1.2423 E-04	3.3544 E-05	6.4465 E-05	
	001	0.0789	-0.0041	-0.0567	-1.4123 E-04	4.8666 E-05	-2.8933 E-05	
	002	0.0587	0.0004	-0.0065	8.3692 E-06	4.6211 E-05	-2.0479 E-05	
	003	0.2345	0.0015	-0.0128	3.3464 E-05	1.8469 E-04	-8.1717 E-05	
	004	0.0000	0.0000	-0.0042	-6.5252 E-10	-1.918 E-10	2.5896 E-10	
	005	0.0730	0.0008	-0.0046	9.233 E-06	6.2223 E-05	-2.9652 E-05	
00037	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	-1.2319 E-08	-2.5667 E-08	5.9364 E-09	
	008	0.0326	0.0697	0.0015	-6.0642 E-05	2.4035 E-05	-5.5556 E-05	
	009	-0.0734	0.0677	0.0042	-6.3589 E-05	-5.7515 E-05	-9.5883 E-06	
	010	0.0326	0.0697	0.0015	-6.0642 E-05	2.4035 E-05	-5.5556 E-05	
	011	0.0408	-0.1374	-0.0058	1.2423 E-04	3.3544 E-05	6.4465 E-05	
	001	0.0445	-0.0043	-0.0409	-2.8147 E-05	9.5812 E-05	3.0691 E-06	
	002	0.0359	-0.0002	0.0024	-1.5212 E-05	7.1046 E-05	3.5939 E-06	
	003	0.1434	-0.0006	0.0230	-6.0976 E-05	2.8387 E-04	1.4436 E-05	
	004	0.0000	0.0000	-0.0042	-3.6654 E-10	7.0712 E-11	-1.1192 E-10	
	005	0.0420	-0.0001	0.0074	-9.082 E-06	1.0458 E-04	4.8161 E-06	
00038	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	3.0337 E-08	-2.6914 E-08	2.6827 E-09	
	008	0.0213	0.0580	0.0083	-4.607 E-05	5.0657 E-05	-2.5793 E-05	
	009	-0.0508	0.0574	-0.0049	-4.638 E-05	-9.2851 E-05	-1.6972 E-05	
	010	0.0213	0.0580	0.0083	-4.607 E-05	5.0657 E-05	-2.5793 E-05	
	011	0.0295	-0.1153	-0.0034	9.2457 E-05	4.216 E-05	4.2516 E-05	
	001	0.0447	-0.0040	-0.0404	4.6722 E-05	1.0665 E-04	-5.6001 E-06	
	002	0.0359	0.0000	0.0018	1.7388 E-05	7.7283 E-05	-5.5064 E-06	
	003	0.1436	0.0000	0.0204	6.9675 E-05	3.0874 E-04	-2.1944 E-05	
	004	0.0000	0.0000	-0.0042	-3.7156 E-10	2.2126 E-10	4.7073 E-10	
	005	0.0421	0.0000	0.0064	1.0383 E-05	1.085 E-04	-5.9404 E-06	
00039	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	3.1136 E-08	-2.6768 E-08	-4.2618 E-08	
	008	0.0273	0.0576	0.0001	-4.6435 E-05	4.6169 E-05	-3.6465 E-05	
	009	-0.0457	0.0570	-0.0117	-4.6965 E-05	-9.9543 E-05	-3.0863 E-05	
	010	0.0273	0.0576	0.0001	-4.6435 E-05	4.6169 E-05	-3.6465 E-05	
	011	0.0185	-0.1146	0.0117	9.3411 E-05	5.3415 E-05	6.6961 E-05	
	001	0.0446	-0.0044	-0.0447	1.413 E-05	1.2049 E-04	-6.3759 E-06	
	002	0.0359	-0.0003	-0.0013	8.2154 E-06	8.74 E-05	-6.9667 E-06	
	003	0.1433	-0.0012	0.0080	3.2878 E-05	3.4923 E-04	-2.7785 E-05	
	004	0.0000	0.0000	-0.0042	-1.2562 E-09	2.2183 E-10	6.5556 E-10	
	005	0.0420	-0.0002	0.0021	7.2789 E-06	1.1454 E-04	-4.1655 E-06	
00040	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	4.6679 E-08	-2.6752 E-08	-1.6209 E-08	
	008	0.0272	0.0564	-0.0014	-8.4215 E-05	4.6206 E-05	-1.4254 E-05	
00040	009	-0.0457	0.0562	-0.0074	-8.836 E-05	-9.9509 E-05	6.9208 E-06	
	010	0.0272	0.0564	-0.0014	-8.4215 E-05	4.6206 E-05	-1.4254 E-05	
	011	0.0185	-0.1125	0.0088	1.7255 E-04	5.3344 E-05	7.2687 E-06	
00040	001	0.0444	-0.0040	-0.0460	4.3088 E-07	1.1829 E-04	2.9527 E-06	
	002	0.0358	0.0001	-0.0014	-8.6171 E-06	8.5822 E-05	4.1035 E-06	
	003	0.1430	0.0003	0.0079	-3.4415 E-05	3.4299 E-04	1.6472 E-05	



Nodi - Spostamenti per condizioni di carico non sismiche								
Nodo	CC	S <sub>x</sub> [cm]	S <sub>y</sub> [cm]	S <sub>z</sub> [cm]	Θ <sub>x</sub> [rad]	Θ <sub>y</sub> [rad]	Θ <sub>z</sub> [rad]	
	004	0.0000	0.0000	-0.0042	2.1257 E-10	7.0049 E-11	-3.129 E-10	
	005	0.0419	0.0001	0.0021	-7.9494 E-06	1.134 E-04	8.7999 E-07	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	-4.6074 E-08	-2.6927 E-08	6.7622 E-09	
	008	0.0215	0.0562	0.0054	-8.3353 E-05	5.0622 E-05	-4.7598 E-05	
	009	-0.0506	0.0557	-0.0006	-7.7581 E-05	-9.2885 E-05	-5.7563 E-05	
	010	0.0215	0.0562	0.0054	-8.3353 E-05	5.0622 E-05	-4.7598 E-05	
	011	0.0290	-0.1118	-0.0048	1.6088 E-04	4.223 E-05	1.0472 E-04	
00041	001	0.0315	-0.0025	-0.0552	-2.0682 E-05	1.7028 E-04	-9.4036 E-06	
	002	0.0256	0.0006	-0.0084	-2.81 E-05	1.5571 E-04	-6.0927 E-06	
	003	0.1024	0.0026	-0.0204	-1.1232 E-04	6.224 E-04	-2.432 E-05	
	004	0.0000	0.0000	-0.0042	-1.4594 E-10	-3.4041 E-10	1.7454 E-09	
	005	0.0296	0.0007	-0.0069	-2.8322 E-05	1.6372 E-04	-6.3847 E-06	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	-5.9561 E-08	-1.6131 E-08	-6.3648 E-08	
	008	0.0152	0.0338	0.0015	-9.4216 E-05	3.6878 E-05	-4.694 E-05	
	009	-0.0386	0.0338	0.0074	-1.0205 E-04	-1.1378 E-04	2.2103 E-05	
	010	0.0152	0.0338	0.0015	-9.4216 E-05	3.6878 E-05	-4.694 E-05	
	011	0.0234	-0.0676	-0.0089	1.9629 E-04	7.6833 E-05	2.4169 E-05	
00042	001	0.0315	-0.0041	-0.0539	3.6819 E-05	1.6848 E-04	3.6869 E-06	
	002	0.0256	-0.0009	-0.0084	2.8791 E-05	1.5351 E-04	1.0206 E-06	
	003	0.1022	-0.0036	-0.0202	1.1507 E-04	6.135 E-04	4.1185 E-06	
	004	0.0000	0.0000	-0.0042	-1.0356 E-09	-1.1449 E-10	-1.8371 E-09	
	005	0.0296	-0.0009	-0.0068	2.8879 E-05	1.6152 E-04	1.4023 E-06	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	6.8003 E-08	-2.698 E-08	7.1581 E-08	
	008	0.0207	0.0341	-0.0054	-9.707 E-05	6.4764 E-05	-8.8104 E-05	
	009	-0.0337	0.0343	0.0005	-9.031 E-05	-8.7694 E-05	-1.4839 E-04	
	010	0.0207	0.0341	-0.0054	-9.707 E-05	6.4764 E-05	-8.8104 E-05	
	011	0.0131	-0.0684	0.0049	1.8742 E-04	2.2986 E-05	2.3601 E-04	
00043	001	0.0153	-0.0023	-0.0453	1.4946 E-05	8.9741 E-05	-1.2846 E-05	
	002	0.0115	0.0002	-0.0015	-4.9724 E-07	6.4363 E-05	-1.491 E-05	
	003	0.0459	0.0010	0.0074	-1.9319 E-06	2.5724 E-04	-5.958 E-05	
	004	0.0000	0.0000	-0.0042	-4.3226 E-09	4.7409 E-10	-1.0632 E-09	
	005	0.0142	0.0002	0.0020	-4.6745 E-07	7.4213 E-05	-1.4321 E-05	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	2.8071 E-07	-2.5985 E-07	-1.1185 E-07	
	008	0.0087	0.0225	0.0052	-1.7931 E-04	3.9811 E-05	-1.7411 E-05	
	009	-0.0204	0.0231	-0.0006	-1.6277 E-04	-1.1257 E-04	-6.0758 E-05	
	010	0.0087	0.0225	0.0052	-1.7931 E-04	3.9811 E-05	-1.7411 E-05	
	011	0.0117	-0.0456	-0.0046	3.4171 E-04	7.2777 E-05	7.8142 E-05	
00044	001	0.0153	-0.0020	-0.0440	1.1843 E-06	8.9326 E-05	1.1572 E-05	
	002	0.0115	-0.0004	-0.0014	1.2349 E-06	6.4345 E-05	1.365 E-05	
	003	0.0459	-0.0014	0.0075	4.9714 E-06	2.5715 E-04	5.4559 E-05	
	004	0.0000	0.0000	-0.0042	2.1295 E-09	1.3249 E-09	2.8448 E-09	
	005	0.0142	-0.0003	0.0020	1.0003 E-06	7.4147 E-05	1.3056 E-05	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	-0.0001	0.0000	-3.1454 E-07	-2.7149 E-07	1.7688 E-07	
	008	0.0118	0.0252	-0.0014	-1.7407 E-04	6.6742 E-05	7.3031 E-05	
	009	-0.0175	0.0244	-0.0071	-1.881 E-04	-8.8928 E-05	1.1905 E-04	
	010	0.0118	0.0252	-0.0014	-1.7407 E-04	6.6742 E-05	7.3031 E-05	
	011	0.0058	-0.0496	0.0085	3.6183 E-04	2.2401 E-05	-1.92 E-04	
00045	001	0.0149	-0.0021	-0.0531	1.4733 E-06	5.3755 E-05	-1.0914 E-05	
	002	0.0112	0.0001	-0.0081	-9.4838 E-06	4.4864 E-05	-1.0978 E-05	
	003	0.0447	0.0002	-0.0189	-3.7906 E-05	1.7931 E-04	-4.384 E-05	
	004	0.0000	0.0000	-0.0042	2.6718 E-09	-1.0289 E-09	-7.7479 E-09	
	005	0.0139	0.0001	-0.0064	-9.3547 E-06	5.5046 E-05	-1.0767 E-05	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	-2.917 E-07	2.648 E-07	2.981 E-07	
	008	0.0111	0.0184	-0.0053	-1.042 E-04	6.7167 E-05	-7.4157 E-05	
	009	-0.0189	0.0189	0.0005	-8.9302 E-05	-8.5557 E-05	-1.9672 E-04	
	010	0.0111	0.0184	-0.0053	-1.042 E-04	6.7167 E-05	-7.4157 E-05	
	011	0.0079	-0.0373	0.0048	1.935 E-04	1.8543 E-05	2.7093 E-04	
00046	001	0.0149	-0.0023	-0.0543	1.5024 E-05	5.2408 E-05	9.8105 E-06	
	002	0.0112	-0.0002	-0.0081	1.0283 E-05	4.4107 E-05	1.0175 E-05	
	003	0.0446	-0.0007	-0.0191	4.1123 E-05	1.7627 E-04	4.066 E-05	
	004	0.0000	0.0000	-0.0042	-4.1348 E-09	-3.4021 E-10	7.0757 E-09	
	005	0.0139	-0.0002	-0.0064	1.0029 E-05	5.4337 E-05	9.9889 E-06	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	3.0385 E-07	2.5955 E-07	-2.7375 E-07	
	008	0.0088	0.0182	0.0014	-9.1722 E-05	3.2465 E-05	-3.9474 E-05	
	009	-0.0211	0.0177	0.0072	-1.077 E-04	-1.1703 E-04	8.5883 E-05	
	010	0.0088	0.0182	0.0014	-9.1722 E-05	3.2465 E-05	-3.9474 E-05	
	011	0.0123	-0.0359	-0.0087	1.9948 E-04	8.4586 E-05	-4.7127 E-05	
00047	001	0.0277	-0.0031	-0.0457	-9.2528 E-06	9.2314 E-05	-8.1573 E-06	



Nodi - Spostamenti per condizioni di carico non sismiche								
Nodo	CC	S <sub>x</sub> [cm]	S <sub>y</sub> [cm]	S <sub>z</sub> [cm]	Θ <sub>x</sub> [rad]	Θ <sub>y</sub> [rad]	Θ <sub>z</sub> [rad]	
	002	0.0221	-0.0001	-0.0014	-9.6938 E-06	7.5778 E-05	-6.537 E-06	
	003	0.0882	-0.0002	0.0077	-3.8705 E-05	3.0287 E-04	-2.6092 E-05	
	004	0.0000	0.0000	-0.0042	-3.718 E-09	-6.0937 E-10	-2.1106 E-09	
	005	0.0259	0.0000	0.0021	-9.7072 E-06	8.5033 E-05	-5.9898 E-06	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	1.969 E-07	9.4259 E-08	1.0169 E-07	
	008	0.0146	0.0423	0.0053	-1.1333 E-04	5.4907 E-05	-5.4274 E-05	
	009	-0.0357	0.0419	-0.0006	-9.7102 E-05	-8.9063 E-05	-8.0662 E-05	
	010	0.0146	0.0423	0.0053	-1.1333 E-04	5.4907 E-05	-5.4274 E-05	
	011	0.0212	-0.0841	-0.0047	2.1026 E-04	3.4156 E-05	1.3459 E-04	
00048	001	0.0277	-0.0032	-0.0444	2.464 E-05	9.3101 E-05	4.9223 E-06	
	002	0.0221	-0.0001	-0.0014	9.5384 E-06	7.7099 E-05	3.8175 E-06	
	003	0.0883	-0.0006	0.0078	3.814 E-05	3.0814 E-04	1.5284 E-05	
	004	0.0000	0.0000	-0.0042	2.6601 E-09	-7.3626 E-10	2.9354 E-09	
	005	0.0259	-0.0001	0.0021	9.2741 E-06	8.6365 E-05	3.3528 E-06	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	-2.0135 E-07	9.1589 E-08	-8.7572 E-08	
	008	0.0197	0.0426	-0.0014	-8.9548 E-05	3.822 E-05	3.0732 E-05	
	009	-0.0311	0.0426	-0.0073	-1.0445 E-04	-1.0828 E-04	6.4068 E-05	
	010	0.0197	0.0426	-0.0014	-8.9548 E-05	3.822 E-05	3.0732 E-05	
	011	0.0114	-0.0851	0.0087	1.938 E-04	7.0115 E-05	-9.4769 E-05	
00049	001	0.0426	-0.0047	-0.0544	-1.9865 E-05	6.4974 E-05	7.2836 E-06	
	002	0.0346	-0.0007	-0.0085	-1.8705 E-05	5.229 E-05	9.388 E-06	
	003	0.1381	-0.0027	-0.0206	-7.4729 E-05	2.0897 E-04	3.7595 E-05	
	004	0.0000	0.0000	-0.0042	-4.265 E-10	3.2403 E-10	-1.0342 E-09	
	005	0.0402	-0.0007	-0.0071	-2.2558 E-05	6.6881 E-05	3.1919 E-06	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	1.6889 E-08	-4.1073 E-11	3.5773 E-08	
	008	0.0263	0.0463	-0.0055	-1.2479 E-04	4.3359 E-05	-8.3656 E-05	
	009	-0.0448	0.0465	0.0005	-1.1646 E-04	-9.5872 E-05	-1.1995 E-04	
	010	0.0263	0.0463	-0.0055	-1.2479 E-04	4.3359 E-05	-8.3656 E-05	
	011	0.0186	-0.0928	0.0050	2.4127 E-04	5.2568 E-05	2.0266 E-04	
00050	001	0.0425	-0.0039	-0.0557	3.8879 E-05	6.144 E-05	-1.2829 E-05	
	002	0.0345	0.0002	-0.0085	2.2066 E-05	4.9894 E-05	-1.4678 E-05	
	003	0.1379	0.0006	-0.0208	8.8215 E-05	1.9939 E-04	-5.8609 E-05	
	004	0.0000	0.0000	-0.0042	-6.999 E-10	1.7618 E-10	1.0681 E-09	
	005	0.0401	0.0002	-0.0071	2.6067 E-05	6.4117 E-05	-8.7451 E-06	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	4.0963 E-08	-2.0956 E-08	-9.8836 E-09	
	008	0.0208	0.0460	0.0015	-1.1836 E-04	4.9441 E-05	-4.8776 E-05	
	009	-0.0495	0.0462	0.0075	-1.2965 E-04	-8.6777 E-05	-2.6086 E-06	
	010	0.0208	0.0460	0.0015	-1.1836 E-04	4.9441 E-05	-4.8776 E-05	
	011	0.0287	-0.0922	-0.0090	2.4802 E-04	3.7318 E-05	5.0675 E-05	
00051	001	0.0585	-0.0038	-0.0461	-5.7606 E-06	1.2896 E-04	-6.3481 E-06	
	002	0.0454	0.0011	-0.0013	-1.2591 E-05	7.985 E-05	-2.9554 E-06	
	003	0.1815	0.0042	0.0081	-5.0263 E-05	3.1915 E-04	-1.1713 E-05	
	004	0.0000	0.0000	-0.0042	-7.6831 E-10	-1.9536 E-10	-1.0482 E-10	
	005	0.0550	0.0013	0.0021	-1.8994 E-05	1.0757 E-04	-3.5461 E-06	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	-4.4109 E-09	-1.1722 E-08	6.0901 E-09	
	008	0.0267	0.0664	0.0054	-9.8862 E-05	3.871 E-05	-4.5689 E-05	
	009	-0.0616	0.0656	-0.0007	-8.8792 E-05	-9.0238 E-05	-6.8396 E-05	
	010	0.0267	0.0664	0.0054	-9.8862 E-05	3.871 E-05	-4.5689 E-05	
	011	0.0349	-0.1319	-0.0048	1.877 E-04	5.1535 E-05	1.1356 E-04	
00052	001	0.0588	-0.0053	-0.0562	-8.2586 E-06	1.9374 E-04	-2.1205 E-05	
	002	0.0457	-0.0003	-0.0086	-1.1599 E-05	1.3119 E-04	-1.5776 E-05	
	003	0.1826	-0.0013	-0.0212	-4.6359 E-05	5.2436 E-04	-6.2946 E-05	
	004	0.0000	0.0000	-0.0042	-6.7388 E-10	-1.4582 E-10	4.5479 E-10	
	005	0.0555	-0.0002	-0.0074	-2.1252 E-05	1.9291 E-04	-1.7763 E-05	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	9.1019 E-09	-8.3986 E-09	-3.0494 E-08	
	008	0.0267	0.0588	0.0015	-7.2942 E-05	3.3822 E-05	-5.0535 E-05	
	009	-0.0620	0.0590	0.0076	-8.056 E-05	-9.5606 E-05	4.0706 E-06	
	010	0.0267	0.0588	0.0015	-7.2942 E-05	3.3822 E-05	-5.0535 E-05	
	011	0.0353	-0.1177	-0.0091	1.5349 E-04	6.1776 E-05	4.5705 E-05	
00053	001	0.0590	-0.0061	-0.0448	1.7282 E-05	1.3442 E-04	9.0956 E-07	
	002	0.0458	-0.0011	-0.0013	9.7357 E-06	8.4752 E-05	-1.6817 E-06	
	003	0.1831	-0.0044	0.0082	3.8949 E-05	3.3866 E-04	-6.6374 E-06	
	004	0.0000	0.0000	-0.0042	-3.6876 E-10	-1.2541 E-11	3.4909 E-10	
	005	0.0555	-0.0011	0.0021	1.4792 E-05	1.1405 E-04	-2.0912 E-06	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	-3.1693 E-08	1.6899 E-08	-3.6679 E-09	
	008	0.0330	0.0667	-0.0014	-9.2154 E-05	4.8085 E-05	-1.741 E-05	
	009	-0.0565	0.0666	-0.0075	-9.9436 E-05	-8.3568 E-05	1.6422 E-05	
	010	0.0330	0.0667	-0.0014	-9.2154 E-05	4.8085 E-05	-1.741 E-05	



Nodi - Spostamenti per condizioni di carico non sismiche								
Nodo	CC	S <sub>x</sub> [cm]	S <sub>y</sub> [cm]	S <sub>z</sub> [cm]	Θ <sub>x</sub> [rad]	Θ <sub>y</sub> [rad]	Θ <sub>z</sub> [rad]	
00054	011	0.0235	-0.1332	0.0089	1.9164 E-04	3.5523 E-05	1.0178 E-06	
	001	0.0593	-0.0056	-0.0549	2.4652 E-05	1.9556 E-04	1.4334 E-05	
	002	0.0461	-0.0005	-0.0086	1.2887 E-05	1.3323 E-04	1.023 E-05	
	003	0.1841	-0.0021	-0.0211	5.1495 E-05	5.3234 E-04	4.0991 E-05	
	004	0.0000	0.0000	-0.0042	-5.8552 E-10	6.1896 E-12	-3.5197 E-10	
	005	0.0559	-0.0006	-0.0074	2.2475 E-05	1.95 E-04	1.1558 E-05	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	-2.09 E-08	-8.121 E-10	5.0033 E-09	
	008	0.0329	0.0588	-0.0055	-7.6711 E-05	5.3531 E-05	-5.7876 E-05	
	009	-0.0570	0.0594	0.0005	-7.047 E-05	-7.7978 E-05	-1.0077 E-04	
	010	0.0329	0.0588	-0.0055	-7.6711 E-05	5.3531 E-05	-5.7876 E-05	
00055	011	0.0242	-0.1182	0.0050	1.4717 E-04	2.4495 E-05	1.5795 E-04	
	001	0.0785	-0.0056	-0.0463	1.8894 E-06	1.2801 E-04	1.938 E-05	
	002	0.0583	0.0002	-0.0013	1.5541 E-06	8.2646 E-05	1.2913 E-05	
	003	0.2332	0.0007	0.0082	6.2401 E-06	3.3032 E-04	5.1783 E-05	
	004	0.0000	0.0000	-0.0042	-6.4037 E-10	-1.4478 E-10	-1.069 E-10	
	005	0.0723	0.0004	0.0021	-1.9099 E-06	1.0484 E-04	2.2278 E-05	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	2.1692 E-08	-8.5403 E-09	-7.8827 E-09	
	008	0.0318	0.0768	0.0055	-6.5675 E-05	3.9415 E-05	-5.1932 E-05	
	009	-0.0734	0.0761	-0.0007	-6.0562 E-05	-7.3991 E-05	-8.0471 E-05	
	010	0.0318	0.0768	0.0055	-6.5675 E-05	3.9415 E-05	-5.1932 E-05	
00056	011	0.0416	-0.1528	-0.0048	1.263 E-04	3.4571 E-05	1.3183 E-04	
	001	0.0796	-0.0058	-0.0450	1.2936 E-05	1.3095 E-04	-3.0568 E-05	
	002	0.0594	0.0001	-0.0013	-2.2416 E-06	8.6036 E-05	-2.3307 E-05	
	003	0.2373	0.0002	0.0083	-8.933 E-06	3.4379 E-04	-9.2969 E-05	
	004	0.0000	0.0000	-0.0042	-3.0744 E-10	7.1096 E-12	2.4978 E-10	
	005	0.0736	0.0002	0.0021	7.9626 E-07	1.0891 E-04	-3.4613 E-05	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	2.2769 E-09	1.0017 E-08	-1.989 E-08	
	008	0.0392	0.0769	-0.0014	-6.2019 E-05	3.7219 E-05	-2.8651 E-05	
	009	-0.0673	0.0766	-0.0075	-6.5992 E-05	-7.7721 E-05	1.3515 E-05	
	010	0.0392	0.0769	-0.0014	-6.2019 E-05	3.7219 E-05	-2.8651 E-05	
00057	011	0.0282	-0.1534	0.0089	1.2801 E-04	4.0546 E-05	1.5073 E-05	
	001	0.0800	-0.0066	-0.0551	-8.2452 E-06	1.102 E-04	3.4764 E-05	
	002	0.0597	-0.0007	-0.0087	-8.0909 E-06	7.695 E-05	2.1272 E-05	
	003	0.2384	-0.0027	-0.0213	-3.2317 E-05	3.0749 E-04	8.5164 E-05	
	004	0.0000	0.0000	-0.0042	-6.4904 E-10	7.6854 E-12	-1.129 E-10	
	005	0.0741	-0.0007	-0.0075	-9.5226 E-06	1.0307 E-04	3.2753 E-05	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	-1.1823 E-08	1.5761 E-08	-1.6393 E-08	
	008	0.0391	0.0679	-0.0056	-6.3526 E-05	4.3944 E-05	-5.5253 E-05	
	009	-0.0679	0.0686	0.0005	-6.0156 E-05	-7.4629 E-05	-1.1772 E-04	
	010	0.0391	0.0679	-0.0056	-6.3526 E-05	4.3944 E-05	-5.5253 E-05	
00058	011	0.0288	-0.1365	0.0050	1.2368 E-04	3.0731 E-05	1.7233 E-04	
	001	0.0788	-0.0064	-0.0564	2.5446 E-05	1.0465 E-04	-4.5684 E-05	
	002	0.0586	-0.0005	-0.0087	9.4808 E-06	7.2418 E-05	-3.086 E-05	
	003	0.2341	-0.0020	-0.0214	3.7904 E-05	2.8944 E-04	-1.2317 E-04	
	004	0.0000	0.0000	-0.0042	-6.545 E-10	-1.6374 E-10	2.1168 E-10	
	005	0.0728	-0.0005	-0.0075	1.105 E-05	9.7401 E-05	-4.4166 E-05	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	-1.7867 E-08	-1.0403 E-08	-2.3186 E-08	
	008	0.0318	0.0678	0.0015	-5.9821 E-05	3.3903 E-05	-5.7719 E-05	
	009	-0.0739	0.0680	0.0076	-6.4083 E-05	-8.2918 E-05	1.8636 E-05	
	010	0.0318	0.0678	0.0015	-5.9821 E-05	3.3903 E-05	-5.7719 E-05	
00059	011	0.0420	-0.1358	-0.0091	1.239 E-04	4.9042 E-05	3.8286 E-05	
	001	0.0345	-0.0035	-0.2011	1.6303 E-06	7.954 E-04	8.8874 E-07	
	002	0.0274	-0.0005	-0.1257	2.9669 E-05	5.3813 E-04	1.1932 E-06	
	003	0.1093	-0.0018	-0.4890	1.2027 E-04	2.1512 E-03	4.8028 E-06	
	004	0.0000	0.0000	-0.0042	-9.2093 E-10	-1.7274 E-10	3.7944 E-10	
	005	0.0326	-0.0004	-0.1491	3.0855 E-05	7.9724 E-04	1.2327 E-06	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	-3.6037 E-08	-4.6168 E-09	-3.7818 E-08	
	008	0.0150	0.0237	-0.0062	-6.9443 E-05	3.7565 E-05	-3.4449 E-05	
	009	-0.0382	0.0246	0.0298	-6.7469 E-05	-9.5834 E-05	-2.4907 E-05	
	010	0.0150	0.0237	-0.0062	-6.9443 E-05	3.7565 E-05	-3.4449 E-05	
00060	011	0.0233	-0.0484	-0.0235	1.3681 E-04	5.8272 E-05	5.9038 E-05	
	001	0.0343	-0.0038	-0.1937	6.395 E-05	7.6124 E-04	-1.1124 E-06	
	002	0.0272	-0.0004	-0.1195	2.8663 E-05	5.0211 E-04	-1.2188 E-06	
	003	0.1085	-0.0018	-0.4642	1.1627 E-04	2.0053 E-03	-4.8371 E-06	
	004	0.0000	0.0000	-0.0042	-9.2004 E-10	-2.8908 E-11	9.4427 E-11	
	005	0.0324	-0.0004	-0.1418	3.3227 E-05	7.5306 E-04	-1.1486 E-06	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	-3.5869 E-08	8.3188 E-09	-3.0206 E-08	
	008	0.0209	0.0238	-0.0176	-6.9489 E-05	5.0916 E-05	-3.7907 E-05	



Nodi - Spostamenti per condizioni di carico non sismiche								
Nodo	CC	S <sub>x</sub> [cm]	S <sub>y</sub> [cm]	S <sub>z</sub> [cm]	Θ <sub>x</sub> [rad]	Θ <sub>y</sub> [rad]	Θ <sub>z</sub> [rad]	
00061	009	-0.0329	0.0247	0.0184	-6.7394 E-05	-8.4362 E-05	-4.0539 E-05	
	010	0.0209	0.0238	-0.0176	-6.9489 E-05	5.0916 E-05	-3.7907 E-05	
	011	0.0121	-0.0486	-0.0008	1.3678 E-04	3.3491 E-05	7.8143 E-05	
	001	0.0615	-0.0066	-0.1927	6.6881 E-05	7.8072 E-04	-1.747 E-05	
	002	0.0484	-0.0013	-0.1180	2.9255 E-05	6.9654 E-04	-1.0864 E-05	
	003	0.1936	-0.0054	-0.4580	1.1859 E-04	2.7827 E-03	-4.3275 E-05	
	004	0.0000	0.0000	-0.0042	-9.1929 E-10	-7.4506 E-11	3.6382 E-11	
	005	0.0579	-0.0015	-0.1413	3.7849 E-05	7.1105 E-04	-1.2668 E-05	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	-3.6005 E-08	-6.098 E-09	-3.7746 E-08	
	008	0.0330	0.0492	-0.0176	-6.9393 E-05	5.6145 E-05	-3.9708 E-05	
00062	009	-0.0565	0.0510	0.0184	-6.726 E-05	-8.8682 E-05	-3.7349 E-05	
	010	0.0330	0.0492	-0.0176	-6.9393 E-05	5.6145 E-05	-3.9708 E-05	
	011	0.0236	-0.1003	-0.0008	1.3655 E-04	3.2585 E-05	7.6612 E-05	
	001	0.0612	-0.0063	-0.2001	-1.2808 E-06	8.1908 E-04	1.0334 E-05	
	002	0.0483	-0.0013	-0.1242	2.4122 E-05	7.3951 E-04	4.4284 E-06	
	003	0.1930	-0.0053	-0.4831	9.8083 E-05	2.9562 E-03	1.7835 E-05	
	004	0.0000	0.0000	-0.0042	-9.1859 E-10	-2.6076 E-10	1.0595 E-10	
	005	0.0578	-0.0014	-0.1486	2.8212 E-05	7.5976 E-04	5.4965 E-06	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	-3.5949 E-08	-1.1334 E-08	-4.1189 E-08	
	008	0.0266	0.0491	-0.0062	-6.9424 E-05	3.878 E-05	-3.8988 E-05	
00063	009	-0.0619	0.0509	0.0297	-6.7199 E-05	-1.0456 E-04	-2.815 E-05	
	010	0.0266	0.0491	-0.0062	-6.9424 E-05	3.878 E-05	-3.8988 E-05	
	011	0.0353	-0.1001	-0.0235	1.3652 E-04	6.575 E-05	6.6688 E-05	
	001	0.0352	-0.0034	-0.1148	-2.238 E-05	7.8836 E-04	-3.0647 E-06	
	002	0.0286	-0.0002	-0.0617	-9.6393 E-06	6.5657 E-04	-3.4713 E-06	
	003	0.1143	-0.0009	-0.2335	-3.8017 E-05	2.6247 E-03	-1.3839 E-05	
	004	0.0000	0.0000	-0.0042	-8.2129 E-10	-2.1606 E-10	-1.7257 E-10	
	005	0.0332	-0.0002	-0.0636	-2.1198 E-06	7.637 E-04	-3.3762 E-06	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	-2.8994 E-08	-7.5877 E-09	-1.8679 E-08	
	008	0.0151	0.0278	-0.0022	-6.0189 E-05	3.7351 E-05	-4.5156 E-05	
00064	009	-0.0383	0.0284	0.0193	-5.9273 E-05	-1.0051 E-04	-5.7311 E-05	
	010	0.0151	0.0278	-0.0022	-6.0189 E-05	3.7351 E-05	-4.5156 E-05	
	011	0.0233	-0.0562	-0.0171	1.1939 E-04	6.3142 E-05	1.0214 E-04	
	001	0.0350	-0.0038	-0.1128	4.5667 E-05	7.5753 E-04	2.0425 E-06	
	002	0.0284	-0.0004	-0.0610	1.8444 E-05	6.212 E-04	2.7142 E-06	
	003	0.1134	-0.0016	-0.2303	7.4318 E-05	2.4818 E-03	1.0882 E-05	
	004	0.0000	0.0000	-0.0042	-8.2438 E-10	-5.0518 E-11	5.6448 E-10	
	005	0.0330	-0.0003	-0.0625	1.4822 E-05	7.2775 E-04	2.7263 E-06	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	-2.8551 E-08	-5.9783 E-10	-3.8203 E-08	
	008	0.0209	0.0278	-0.0122	-6.0199 E-05	5.4449 E-05	-3.6403 E-05	
00065	009	-0.0330	0.0284	0.0095	-5.9233 E-05	-8.5168 E-05	-1.702 E-05	
	010	0.0209	0.0278	-0.0122	-6.0199 E-05	5.4449 E-05	-3.6403 E-05	
	011	0.0122	-0.0563	0.0027	1.1936 E-04	3.0766 E-05	5.3054 E-05	
	001	0.0619	-0.0057	-0.1129	-2.1814 E-05	7.6069 E-04	-2.7198 E-06	
	002	0.0483	-0.0008	-0.0496	6.2136 E-06	5.9519 E-04	-1.9762 E-06	
	003	0.1930	-0.0034	-0.1848	2.5428 E-05	2.3793 E-03	-7.7614 E-06	
	004	0.0000	0.0000	-0.0042	-8.0414 E-10	-2.3201 E-10	-2.8422 E-11	
	005	0.0587	-0.0008	-0.0655	-2.6833 E-06	7.5861 E-04	-2.3024 E-06	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	-3.2695 E-08	-1.0711 E-08	-3.1484 E-08	
	008	0.0266	0.0535	-0.0021	-5.8253 E-05	3.7368 E-05	-4.2376 E-05	
00066	009	-0.0620	0.0545	0.0186	-5.7152 E-05	-1.0244 E-04	-4.7678 E-05	
	010	0.0266	0.0535	-0.0021	-5.8253 E-05	3.7368 E-05	-4.2376 E-05	
	011	0.0354	-0.1081	-0.0165	1.1535 E-04	6.5045 E-05	8.9572 E-05	
	001	0.0622	-0.0061	-0.1110	4.6167 E-05	7.3208 E-04	-5.2704 E-06	
	002	0.0485	-0.0008	-0.0486	6.3182 E-06	5.6862 E-04	-4.8387 E-06	
	003	0.1938	-0.0033	-0.1807	2.5846 E-05	2.2717 E-03	-1.9204 E-05	
	004	0.0000	0.0000	-0.0042	-8.0385 E-10	-5.4226 E-11	1.6522 E-10	
	005	0.0588	-0.0009	-0.0646	1.4237 E-05	7.2177 E-04	-5.3286 E-06	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	-3.2799 E-08	-5.3399 E-09	-3.9611 E-08	
	008	0.0331	0.0535	-0.0117	-5.8267 E-05	5.5719 E-05	-4.0677 E-05	
00067	009	-0.0566	0.0545	0.0092	-5.7118 E-05	-8.5815 E-05	-2.2359 E-05	
	010	0.0331	0.0535	-0.0117	-5.8267 E-05	5.5719 E-05	-4.0677 E-05	
	011	0.0236	-0.1081	0.0025	1.1533 E-04	3.0144 E-05	6.2541 E-05	
	001	0.0023	-0.0004	-0.0534	8.261 E-06	4.9882 E-05	3.3755 E-08	
	002	0.0017	0.0000	-0.0079	1.8805 E-07	3.639 E-05	1.1324 E-08	
	003	0.0068	0.0000	-0.0181	7.4491 E-07	1.4543 E-04	2.1963 E-08	
	004	0.0000	0.0000	-0.0042	5.1546 E-09	1.933 E-09	7.2796 E-09	
	005	0.0022	0.0000	-0.0061	1.2369 E-07	4.6197 E-05	8.9142 E-09	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	



Nodi - Spostamenti per condizioni di carico non sismiche								
Nodo	CC	S <sub>x</sub> [cm]	S <sub>y</sub> [cm]	S <sub>z</sub> [cm]	Θ <sub>x</sub> [rad]	Θ <sub>y</sub> [rad]	Θ <sub>z</sub> [rad]	
	007	-0.0001	0.0001	0.0000	-4.1769 E-07	-3.4279 E-07	-6.4422 E-07	
	008	0.0010	0.0019	0.0014	-4.0511 E-05	2.1783 E-05	3.0287 E-08	
	009	-0.0021	0.0019	0.0073	-4.058 E-05	-4.4084 E-05	9.6671 E-08	
	010	0.0010	0.0019	0.0014	-4.0511 E-05	2.1783 E-05	3.0287 E-08	
	011	0.0010	-0.0038	-0.0087	8.108 E-05	2.2371 E-05	-1.2732 E-07	
00068	001	0.0046	-0.0008	-0.0534	9.0147 E-06	5.0653 E-05	3.8952 E-08	
	002	0.0034	0.0000	-0.0079	4.6426 E-07	3.6688 E-05	-2.2683 E-09	
	003	0.0136	-0.0001	-0.0182	1.8392 E-06	1.4662 E-04	-2.5034 E-08	
	004	0.0000	0.0000	-0.0042	8.2207 E-09	3.0742 E-09	5.0076 E-09	
	005	0.0043	0.0000	-0.0061	4.9283 E-07	4.6586 E-05	-2.5113 E-09	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	-0.0001	0.0001	0.0000	-4.3033 E-08	-3.4547 E-07	-4.0294 E-07	
	008	0.0020	0.0038	0.0015	-4.0777 E-05	2.1721 E-05	-1.6913 E-07	
	009	-0.0041	0.0038	0.0073	-4.1316 E-05	-4.4815 E-05	5.5886 E-08	
	010	0.0020	0.0038	0.0015	-4.0777 E-05	2.1721 E-05	-1.6913 E-07	
	011	0.0021	-0.0076	-0.0088	8.2082 E-05	2.3165 E-05	1.1228 E-07	
00069	001	0.0070	-0.0012	-0.0512	9.2139 E-06	5.1047 E-05	-4.0504 E-07	
	002	0.0051	0.0000	-0.0063	4.6724 E-07	3.6807 E-05	-1.9416 E-07	
	003	0.0204	-0.0002	-0.0117	1.8101 E-06	1.4711 E-04	-7.4274 E-07	
	004	0.0000	0.0000	-0.0042	2.1028 E-08	-1.494 E-09	-1.0552 E-08	
	005	0.0065	0.0000	-0.0040	4.8508 E-07	4.6765 E-05	-2.3885 E-07	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0002	0.0000	5.8671 E-07	-1.0579 E-07	-3.9195 E-06	
	008	0.0031	0.0057	0.0024	-4.1292 E-05	2.1512 E-05	1.7378 E-07	
	009	-0.0062	0.0057	0.0053	-4.1964 E-05	-4.4738 E-05	9.0745 E-07	
	010	0.0031	0.0057	0.0024	-4.1292 E-05	2.1512 E-05	1.7378 E-07	
	011	0.0032	-0.0114	-0.0077	8.3245 E-05	2.3296 E-05	-1.0831 E-06	
00070	001	0.0070	-0.0012	-0.0490	8.8572 E-06	4.9672 E-05	-3.3058 E-07	
	002	0.0051	0.0000	-0.0046	2.6183 E-07	3.6511 E-05	-2.1451 E-07	
	003	0.0204	-0.0001	-0.0052	9.7785 E-07	1.4592 E-04	-8.6402 E-07	
	004	0.0000	0.0000	-0.0042	2.4489 E-08	-7.7405 E-10	1.9047 E-09	
	005	0.0065	0.0000	-0.0020	2.1871 E-07	4.6355 E-05	-2.8151 E-07	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0003	0.0000	5.4083 E-07	-4.4528 E-08	-2.9324 E-07	
	008	0.0031	0.0057	0.0034	-4.1198 E-05	2.1825 E-05	2.3609 E-07	
	009	-0.0062	0.0057	0.0034	-4.1149 E-05	-4.3969 E-05	8.5854 E-07	
	010	0.0031	0.0057	0.0034	-4.1198 E-05	2.1825 E-05	2.3609 E-07	
	011	0.0031	-0.0114	-0.0067	8.2335 E-05	2.2213 E-05	-1.096 E-06	
00071	001	0.0069	-0.0012	-0.0468	8.6928 E-06	4.9132 E-05	-4.5011 E-08	
	002	0.0051	0.0000	-0.0030	1.0089 E-07	3.6493 E-05	-1.9624 E-07	
	003	0.0204	-0.0001	0.0012	3.4186 E-07	1.4584 E-04	-8.2323 E-07	
	004	0.0000	0.0000	-0.0042	2.2189 E-08	2.1861 E-09	1.2038 E-08	
	005	0.0065	0.0000	0.0001	2.2481 E-08	4.6298 E-05	-2.5772 E-07	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0002	0.0000	5.7902 E-07	6.5494 E-08	4.3177 E-06	
	008	0.0031	0.0057	0.0043	-4.1393 E-05	2.2214 E-05	-1.7877 E-07	
	009	-0.0062	0.0057	0.0014	-4.0772 E-05	-4.3892 E-05	4.4985 E-07	
	010	0.0031	0.0057	0.0043	-4.1393 E-05	2.2214 E-05	-1.7877 E-07	
	011	0.0031	-0.0114	-0.0058	8.2152 E-05	2.1747 E-05	-2.7261 E-07	
00072	001	0.0046	-0.0007	-0.0446	8.476 E-06	4.9147 E-05	-7.2166 E-08	
	002	0.0034	0.0000	-0.0014	4.2428 E-08	3.6487 E-05	-1.6612 E-08	
	003	0.0136	-0.0001	0.0077	1.45 E-07	1.4585 E-04	-4.4648 E-08	
	004	0.0000	0.0000	-0.0042	1.0612 E-08	-8.8686 E-09	-6.7976 E-09	
	005	0.0043	0.0000	0.0021	-5.1413 E-08	4.6314 E-05	-1.5285 E-08	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0001	0.0001	0.0000	4.6638 E-08	8.7503 E-09	2.7833 E-07	
	008	0.0020	0.0038	0.0053	-4.0707 E-05	2.2291 E-05	1.7708 E-08	
	009	-0.0041	0.0038	-0.0005	-4.0235 E-05	-4.412 E-05	5.688 E-08	
	010	0.0020	0.0038	0.0053	-4.0707 E-05	2.2291 E-05	1.7708 E-08	
	011	0.0021	-0.0075	-0.0048	8.0929 E-05	2.1899 E-05	-7.4521 E-08	
00073	001	0.0023	-0.0004	-0.0446	8.1482 E-06	4.931 E-05	2.7406 E-08	
	002	0.0017	0.0000	-0.0014	1.5423 E-07	3.6383 E-05	8.454 E-09	
	003	0.0068	0.0000	0.0076	6.096 E-07	1.454 E-04	4.1379 E-08	
	004	0.0000	0.0000	-0.0042	5.0094 E-09	-1.2281 E-10	-2.3768 E-09	
	005	0.0022	0.0000	0.0021	6.98 E-08	4.6189 E-05	1.1637 E-08	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0001	0.0001	0.0000	-3.9816 E-07	1.6974 E-07	7.5651 E-07	
	008	0.0010	0.0019	0.0053	-4.0208 E-05	2.1888 E-05	-1.2146 E-08	
	009	-0.0021	0.0019	-0.0005	-4.0177 E-05	-4.3971 E-05	-6.0094 E-08	
	010	0.0010	0.0019	0.0053	-4.0208 E-05	2.1888 E-05	-1.2146 E-08	
	011	0.0010	-0.0037	-0.0048	8.0374 E-05	2.2153 E-05	7.239 E-08	
00074	001	0.0000	0.0000	-0.0545	6.9181 E-06	4.513 E-05	-9.9461 E-10	
	002	0.0000	0.0000	-0.0089	6.5754 E-08	3.5665 E-05	-4.4302 E-11	
	003	0.0000	0.0000	-0.0224	3.2334 E-07	1.4317 E-04	1.085 E-10	
	004	0.0000	0.0000	-0.0042	-1.5865 E-08	-1.9849 E-07	-8.9347 E-11	



Nodi - Spostamenti per condizioni di carico non sismiche

Nodo	CC	S <sub>x</sub> [cm]	S <sub>y</sub> [cm]	S <sub>z</sub> [cm]	Θ <sub>x</sub> [rad]	Θ <sub>y</sub> [rad]	Θ <sub>z</sub> [rad]
	005	0.0000	0.0000	-0.0074	-1.4724 E-08	4.5461 E-05	4.9176 E-11
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	007	0.0000	0.0000	0.0001	-4.8794 E-07	-2.371 E-06	-7.0602 E-09
	008	0.0000	0.0000	0.0002	-4.0232 E-05	2.1769 E-05	1.4831 E-10
	009	0.0000	0.0000	0.0079	-4.0176 E-05	-4.3139 E-05	1.5099 E-10
	010	0.0000	0.0000	0.0002	-4.0232 E-05	2.1769 E-05	1.4831 E-10
	011	0.0000	0.0000	-0.0081	8.0396 E-05	2.1438 E-05	-2.9913 E-10
00075	001	0.0000	0.0000	-0.0542	8.3622 E-06	4.5643 E-05	-8.6032 E-10
	002	0.0000	0.0000	-0.0089	2.4982 E-07	3.5707 E-05	-8.009 E-11
	003	0.0000	0.0000	-0.0223	9.3325 E-07	1.4353 E-04	-9.0549 E-11
	004	0.0000	0.0000	-0.0042	2.3503 E-08	-2.5778 E-07	-7.1801 E-11
	005	0.0000	0.0000	-0.0074	1.8862 E-07	4.5584 E-05	-2.1747 E-11
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	007	0.0000	0.0000	0.0001	1.0282 E-07	-3.3554 E-06	-4.6271 E-09
	008	0.0000	0.0000	-0.0017	-4.0335 E-05	2.1687 E-05	-4.7195 E-11
	009	0.0000	0.0000	0.0061	-4.0472 E-05	-4.33 E-05	3.186 E-11
	010	0.0000	0.0000	-0.0017	-4.0335 E-05	2.1687 E-05	-4.7195 E-11
	011	0.0000	0.0000	-0.0044	8.0796 E-05	2.1681 E-05	1.5416 E-11
00076	001	0.0000	0.0000	-0.0538	7.7042 E-06	4.559 E-05	8.7412 E-10
	002	0.0000	0.0000	-0.0089	1.3405 E-07	3.5679 E-05	1.3691 E-10
	003	0.0000	0.0000	-0.0223	5.7469 E-07	1.4346 E-04	2.1478 E-10
	004	0.0000	0.0000	-0.0042	-9.0684 E-09	-2.7096 E-07	1.0394 E-10
	005	0.0000	0.0000	-0.0074	6.718 E-08	4.5559 E-05	6.3774 E-11
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	007	0.0000	0.0000	0.0001	-2.0948 E-07	-3.318 E-06	1.3106 E-09
	008	0.0000	0.0000	-0.0035	-4.0404 E-05	2.1631 E-05	-1.3259 E-11
	009	0.0000	0.0000	0.0042	-4.0368 E-05	-4.3323 E-05	-1.5321 E-10
	010	0.0000	0.0000	-0.0035	-4.0404 E-05	2.1631 E-05	-1.3259 E-11
	011	0.0000	0.0000	-0.0007	8.0761 E-05	2.1761 E-05	1.6652 E-10
00077	001	0.0000	0.0000	-0.0534	8.7799 E-06	4.5041 E-05	1.0452 E-09
	002	0.0000	0.0000	-0.0089	2.7962 E-07	3.5609 E-05	1.5104 E-10
	003	0.0000	0.0000	-0.0223	1.0718 E-06	1.4301 E-04	1.0209 E-10
	004	0.0000	0.0000	-0.0042	1.737 E-08	-2.1898 E-07	1.5683 E-10
	005	0.0000	0.0000	-0.0074	2.3229 E-07	4.5403 E-05	2.3451 E-11
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	007	0.0000	0.0000	0.0001	3.7814 E-07	-2.3209 E-06	3.0047 E-09
	008	0.0000	0.0000	-0.0053	-4.0203 E-05	2.1489 E-05	5.722 E-11
	009	0.0000	0.0000	0.0024	-4.0317 E-05	-4.3343 E-05	-3.3934 E-11
	010	0.0000	0.0000	-0.0053	-4.0203 E-05	2.1489 E-05	5.722 E-11
	011	0.0000	0.0000	0.0029	8.0509 E-05	2.1922 E-05	-2.329 E-11
00078	001	0.0000	0.0000	-0.0508	1.1559 E-05	4.8195 E-05	-1.0875 E-09
	002	0.0000	0.0000	-0.0072	6.0674 E-07	3.6068 E-05	-1.3059 E-10
	003	0.0000	0.0000	-0.0154	1.9197 E-06	1.4429 E-04	2.9725 E-10
	004	0.0000	0.0000	-0.0042	1.6105 E-07	-4.6406 E-08	-2.5619 E-10
	005	0.0000	0.0000	-0.0052	5.1285 E-07	4.5824 E-05	1.2516 E-10
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	007	0.0000	0.0000	0.0001	2.5313 E-06	-1.8014 E-07	1.4569 E-09
	008	0.0000	0.0000	-0.0061	-3.9795 E-05	2.1932 E-05	-1.2871 E-10
	009	0.0000	0.0000	-0.0015	-4.0249 E-05	-4.3343 E-05	-2.7348 E-11
	010	0.0000	0.0000	-0.0061	-3.9795 E-05	2.1932 E-05	-1.2871 E-10
	011	0.0000	0.0000	0.0076	8.0033 E-05	2.148 E-05	1.5581 E-10
00079	001	0.0000	0.0000	-0.0484	1.0719 E-05	4.9411 E-05	-8.4342 E-10
	002	0.0000	0.0000	-0.0055	4.0604 E-07	3.6287 E-05	-1.1234 E-10
	003	0.0000	0.0000	-0.0085	1.0489 E-06	1.45 E-04	-4.1378 E-10
	004	0.0000	0.0000	-0.0042	1.8248 E-07	4.8722 E-09	-1.1005 E-11
	005	0.0000	0.0000	-0.0030	2.2202 E-07	4.6057 E-05	-1.6232 E-10
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	007	0.0000	0.0000	0.0001	3.7653 E-06	3.2599 E-07	-1.087 E-09
	008	0.0000	0.0000	-0.0051	-3.9894 E-05	2.2097 E-05	-6.0663 E-10
	009	0.0000	0.0000	-0.0035	-4.0056 E-05	-4.3366 E-05	-6.6709 E-10
	010	0.0000	0.0000	-0.0051	-3.9894 E-05	2.2097 E-05	-6.0663 E-10
	011	0.0000	0.0000	0.0086	7.9938 E-05	2.1338 E-05	1.2734 E-09
00080	001	0.0000	0.0000	-0.0461	1.0526 E-05	4.9558 E-05	8.5705 E-11
	002	0.0000	0.0000	-0.0037	2.6232 E-07	3.6258 E-05	-4.6928 E-11
	003	0.0000	0.0000	-0.0016	4.7204 E-07	1.4492 E-04	-8.8113 E-10
	004	0.0000	0.0000	-0.0042	1.8319 E-07	-5.5489 E-09	2.1692 E-10
	005	0.0000	0.0000	-0.0009	3.7617 E-08	4.6029 E-05	-3.3553 E-10
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	007	0.0000	0.0000	0.0001	3.8127 E-06	-2.0032 E-07	1.9183 E-10
	008	0.0000	0.0000	-0.0040	-3.9893 E-05	2.2009 E-05	-3.7966 E-10
	009	0.0000	0.0000	-0.0056	-3.9796 E-05	-4.344 E-05	-4.0992 E-10
	010	0.0000	0.0000	-0.0040	-3.9893 E-05	2.2009 E-05	-3.7966 E-10
	011	0.0000	0.0000	0.0096	7.9678 E-05	2.15 E-05	7.8954 E-10
00081	001	0.0000	0.0000	-0.0437	1.0872 E-05	5.036 E-05	3.921 E-10
	002	0.0000	0.0000	-0.0020	1.2657 E-07	3.6173 E-05	-7.0482 E-11



Nodi - Spostamenti per condizioni di carico non sismiche								
Nodo	CC	S <sub>x</sub> [cm]	S <sub>y</sub> [cm]	S <sub>z</sub> [cm]	Θ <sub>x</sub> [rad]	Θ <sub>y</sub> [rad]	Θ <sub>z</sub> [rad]	
	003	0.0000	0.0000	0.0052	-1.5898 E-09	1.4442 E-04	-4.2242 E-10	
	004	0.0000	0.0000	-0.0042	1.6161 E-07	4.7346 E-08	4.4025 E-11	
	005	0.0000	0.0000	0.0013	-1.0186 E-07	4.5878 E-05	-1.3228 E-10	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0001	2.6148 E-06	2.9777 E-07	-1.8691 E-10	
	008	0.0000	0.0000	-0.0030	-3.9868 E-05	2.1972 E-05	-5.0217 E-11	
	009	0.0000	0.0000	-0.0077	-3.9463 E-05	-4.3253 E-05	1.6576 E-10	
	010	0.0000	0.0000	-0.0030	-3.9868 E-05	2.1972 E-05	-5.0217 E-11	
	011	0.0000	0.0000	0.0107	7.9319 E-05	2.135 E-05	-1.1589 E-10	
00082	001	0.0000	0.0000	-0.0417	8.5503 E-06	5.2831 E-05	-9.4668 E-10	
	002	0.0000	0.0000	-0.0003	1.3544 E-07	3.6114 E-05	-5.1496 E-11	
	003	0.0000	0.0000	0.0120	4.9302 E-07	1.4362 E-04	3.0906 E-10	
	004	0.0000	0.0000	-0.0042	1.7955 E-08	2.206 E-07	-1.6106 E-10	
	005	0.0000	0.0000	0.0035	4.1115 E-08	4.5643 E-05	1.049 E-10	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0001	5.0345 E-07	2.4186 E-06	-3.9731 E-09	
	008	0.0000	0.0000	-0.0001	-3.9907 E-05	2.1983 E-05	2.499 E-11	
	009	0.0000	0.0000	-0.0079	-3.9826 E-05	-4.2821 E-05	-1.5247 E-11	
	010	0.0000	0.0000	-0.0001	-3.9907 E-05	2.1983 E-05	2.499 E-11	
	011	0.0000	0.0000	0.0080	7.9721 E-05	2.0907 E-05	-9.771 E-12	
00083	001	0.0000	0.0000	-0.0421	7.7552 E-06	5.2447 E-05	-6.5898 E-10	
	002	0.0000	0.0000	-0.0003	1.7005 E-07	3.6172 E-05	2.5833 E-11	
	003	0.0000	0.0000	0.0120	7.1576 E-07	1.4369 E-04	4.4421 E-10	
	004	0.0000	0.0000	-0.0042	-8.476 E-09	2.7276 E-07	-1.0666 E-10	
	005	0.0000	0.0000	0.0035	1.0321 E-07	4.5652 E-05	1.4727 E-10	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0001	-8.8508 E-08	3.3891 E-06	-1.9142 E-09	
	008	0.0000	0.0000	0.0017	-3.9934 E-05	2.1792 E-05	1.1414 E-10	
	009	0.0000	0.0000	-0.0061	-3.9981 E-05	-4.3126 E-05	-2.4763 E-11	
	010	0.0000	0.0000	0.0017	-3.9934 E-05	2.1792 E-05	1.1414 E-10	
	011	0.0000	0.0000	0.0044	7.9904 E-05	2.1403 E-05	-8.9059 E-11	
00084	001	0.0000	0.0000	-0.0425	8.2947 E-06	5.2418 E-05	7.023 E-10	
	002	0.0000	0.0000	-0.0003	1.4346 E-07	3.617 E-05	-6.2291 E-11	
	003	0.0000	0.0000	0.0120	5.0563 E-07	1.4372 E-04	-5.8182 E-10	
	004	0.0000	0.0000	-0.0042	2.4016 E-08	2.5952 E-07	1.0405 E-10	
	005	0.0000	0.0000	0.0035	4.4243 E-08	4.5663 E-05	-2.0261 E-10	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0001	1.936 E-07	3.3952 E-06	2.8841 E-09	
	008	0.0000	0.0000	0.0035	-3.9981 E-05	2.1594 E-05	1.0952 E-10	
	009	0.0000	0.0000	-0.0043	-3.9832 E-05	-4.3354 E-05	2.4401 E-10	
	010	0.0000	0.0000	0.0035	-3.9981 E-05	2.1594 E-05	1.0952 E-10	
	011	0.0000	0.0000	0.0008	7.9801 E-05	2.1828 E-05	-3.538 E-10	
00085	001	0.0000	0.0000	-0.0428	7.1007 E-06	5.2787 E-05	1.0509 E-09	
	002	0.0000	0.0000	-0.0003	1.8092 E-07	3.6118 E-05	-3.2468 E-11	
	003	0.0000	0.0000	0.0119	7.8303 E-07	1.4371 E-04	-5.7964 E-10	
	004	0.0000	0.0000	-0.0042	-1.591 E-08	1.9992 E-07	1.4062 E-10	
	005	0.0000	0.0000	0.0035	1.2356 E-07	4.5669 E-05	-2.1264 E-10	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0001	-4.1428 E-07	2.3712 E-06	5.871 E-09	
	008	0.0000	0.0000	0.0053	-3.9834 E-05	2.133 E-05	8.239 E-11	
	009	0.0000	0.0000	-0.0024	-3.9864 E-05	-4.3542 E-05	1.1915 E-10	
	010	0.0000	0.0000	0.0053	-3.9834 E-05	2.133 E-05	8.239 E-11	
	011	0.0000	0.0000	-0.0029	7.9687 E-05	2.2281 E-05	-2.0165 E-10	
00086	001	0.0000	0.0000	-0.0455	4.6496 E-06	5.0304 E-05	-4.1306 E-10	
	002	0.0000	0.0000	-0.0021	1.7496 E-07	3.6184 E-05	4.3533 E-11	
	003	0.0000	0.0000	0.0051	1.2479 E-06	1.4448 E-04	3.648 E-10	
	004	0.0000	0.0000	-0.0042	-1.6876 E-07	3.9846 E-08	-5.9675 E-11	
	005	0.0000	0.0000	0.0013	2.6237 E-07	4.5905 E-05	1.1724 E-10	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0001	-2.5635 E-06	2.0695 E-07	-5.286 E-11	
	008	0.0000	0.0000	0.0061	-3.9591 E-05	2.1614 E-05	7.2881 E-11	
	009	0.0000	0.0000	0.0014	-3.994 E-05	-4.3679 E-05	-9.6187 E-11	
	010	0.0000	0.0000	0.0061	-3.9591 E-05	2.1614 E-05	7.2881 E-11	
	011	0.0000	0.0000	-0.0075	7.952 E-05	2.2134 E-05	2.363 E-11	
00087	001	0.0000	0.0000	-0.0479	4.9045 E-06	4.9458 E-05	-1.1532 E-09	
	002	0.0000	0.0000	-0.0038	3.2878 E-08	3.6278 E-05	-5.9168 E-11	
	003	0.0000	0.0000	-0.0018	8.0976 E-07	1.4497 E-04	6.0507 E-10	
	004	0.0000	0.0000	-0.0042	-2.0925 E-07	5.0262 E-09	-2.6313 E-10	
	005	0.0000	0.0000	-0.0009	1.3638 E-07	4.6053 E-05	2.3228 E-10	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0001	-3.7668 E-06	-2.2892 E-07	-2.9867 E-10	
	008	0.0000	0.0000	0.0051	-3.9801 E-05	2.1702 E-05	-6.6547 E-11	
	009	0.0000	0.0000	0.0035	-3.987 E-05	-4.3812 E-05	-6.6123 E-11	
	010	0.0000	0.0000	0.0051	-3.9801 E-05	2.1702 E-05	-6.6547 E-11	
	011	0.0000	0.0000	-0.0086	7.9659 E-05	2.218 E-05	1.3236 E-10	



Nodi - Spostamenti per condizioni di carico non sismiche								
Nodo	CC	S <sub>x</sub> [cm]	S <sub>y</sub> [cm]	S <sub>z</sub> [cm]	Θ <sub>x</sub> [rad]	Θ <sub>y</sub> [rad]	Θ <sub>z</sub> [rad]	
00088	001	0.0000	0.0000	-0.0502	4.7591 E-06	4.9553 E-05	2.3885 E-11	
	002	0.0000	0.0000	-0.0055	-8.2972 E-08	3.6303 E-05	-4.019 E-11	
	003	0.0000	0.0000	-0.0087	3.4368 E-07	1.4509 E-04	-2.1256 E-10	
	004	0.0000	0.0000	-0.0042	-2.0823 E-07	-2.4276 E-09	1.6279 E-11	
	005	0.0000	0.0000	-0.0031	-9.3914 E-09	4.6096 E-05	-6.5347 E-11	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0001	-3.7628 E-06	1.6843 E-07	7.1372 E-10	
	008	0.0000	0.0000	0.0040	-3.9954 E-05	2.1593 E-05	-4.5468 E-10	
	009	0.0000	0.0000	0.0056	-3.9826 E-05	-4.3935 E-05	-2.8925 E-10	
	010	0.0000	0.0000	0.0040	-3.9954 E-05	2.1593 E-05	-4.5468 E-10	
	011	0.0000	0.0000	-0.0097	7.9769 E-05	2.2411 E-05	7.4337 E-10	
00089	001	0.0000	0.0000	-0.0526	4.056 E-06	4.8277 E-05	1.4808 E-09	
	002	0.0000	0.0000	-0.0072	-2.5705 E-07	3.6103 E-05	6.2262 E-11	
	003	0.0000	0.0000	-0.0155	-4.8016 E-07	1.4442 E-04	-8.977 E-10	
	004	0.0000	0.0000	-0.0042	-1.6814 E-07	-3.9653 E-08	3.5852 E-10	
	005	0.0000	0.0000	-0.0052	-2.8165 E-07	4.5871 E-05	-3.3333 E-10	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0001	-2.5876 E-06	-2.837 E-07	-1.1713 E-09	
	008	0.0000	0.0000	0.0030	-4.0054 E-05	2.1625 E-05	-1.455 E-10	
	009	0.0000	0.0000	0.0077	-3.9663 E-05	-4.3725 E-05	-3.476 E-11	
	010	0.0000	0.0000	0.0030	-4.0054 E-05	2.1625 E-05	-1.455 E-10	
	011	0.0000	0.0000	-0.0107	7.9705 E-05	2.2169 E-05	1.8 E-10	
00090	001	0.0023	-0.0004	-0.0432	7.6854 E-06	4.9315 E-05	7.0159 E-08	
	002	0.0017	0.0000	-0.0014	1.6521 E-07	3.637 E-05	1.1878 E-09	
	003	0.0068	0.0000	0.0077	6.9137 E-07	1.4537 E-04	-3.7822 E-08	
	004	0.0000	0.0000	-0.0042	-6.8227 E-09	-4.7663 E-09	1.3314 E-08	
	005	0.0022	0.0000	0.0021	1.0282 E-07	4.6172 E-05	-1.0412 E-08	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0001	-0.0001	0.0000	4.7372 E-07	2.4976 E-07	-7.6848 E-07	
	008	0.0010	0.0019	-0.0014	-4.0194 E-05	2.2065 E-05	4.0958 E-08	
	009	-0.0020	0.0019	-0.0072	-4.0187 E-05	-4.3754 E-05	9.1286 E-08	
	010	0.0010	0.0019	-0.0014	-4.0194 E-05	2.2065 E-05	4.0958 E-08	
	011	0.0010	-0.0037	0.0087	8.0369 E-05	2.1758 E-05	-1.3236 E-07	
00091	001	0.0046	-0.0007	-0.0433	7.3935 E-06	4.9153 E-05	1.3038 E-07	
	002	0.0034	0.0000	-0.0014	2.7927 E-07	3.648 E-05	2.2864 E-08	
	003	0.0136	-0.0001	0.0078	1.1632 E-06	1.4583 E-04	4.7485 E-08	
	004	0.0000	0.0000	-0.0042	-1.1838 E-08	-1.1083 E-08	1.3737 E-08	
	005	0.0043	0.0000	0.0021	2.2356 E-07	4.6299 E-05	1.7297 E-08	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0001	-0.0001	0.0000	2.6779 E-08	8.3412 E-08	-3.0984 E-07	
	008	0.0021	0.0038	-0.0014	-4.0549 E-05	2.1982 E-05	2.2221 E-07	
	009	-0.0041	0.0038	-0.0073	-4.0975 E-05	-4.4389 E-05	1.8053 E-07	
	010	0.0021	0.0038	-0.0014	-4.0549 E-05	2.1982 E-05	2.2221 E-07	
	011	0.0020	-0.0075	0.0087	8.1513 E-05	2.2478 E-05	-4.0261 E-07	
00092	001	0.0069	-0.0011	-0.0436	7.3351 E-06	4.9005 E-05	2.2775 E-07	
	002	0.0051	0.0000	-0.0014	2.9386 E-07	3.6582 E-05	-8.8267 E-09	
	003	0.0204	-0.0001	0.0077	1.1996 E-06	1.4628 E-04	-1.1182 E-07	
	004	0.0000	0.0000	-0.0042	-5.0279 E-09	-2.3842 E-08	2.406 E-08	
	005	0.0065	0.0000	0.0021	2.26 E-07	4.6423 E-05	-2.2008 E-08	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0002	0.0000	0.0000	1.0327 E-07	-1.2069 E-06	3.365 E-06	
	008	0.0031	0.0057	0.0003	-4.03 E-05	2.203 E-05	2.5139 E-07	
	009	-0.0062	0.0057	-0.0056	-4.0808 E-05	-4.5278 E-05	5.8995 E-07	
	010	0.0031	0.0057	0.0003	-4.03 E-05	2.203 E-05	2.5139 E-07	
	011	0.0031	-0.0113	0.0053	8.1097 E-05	2.3319 E-05	-8.4142 E-07	
00093	001	0.0069	-0.0011	-0.0439	7.9356 E-06	4.9047 E-05	-1.3887 E-08	
	002	0.0051	0.0000	-0.0014	1.5969 E-07	3.655 E-05	8.549 E-09	
	003	0.0204	-0.0001	0.0077	6.4839 E-07	1.462 E-04	3.6408 E-08	
	004	0.0000	0.0000	-0.0042	-3.0615 E-10	-3.8045 E-08	-5.5159 E-10	
	005	0.0065	0.0000	0.0021	8.4305 E-08	4.6413 E-05	1.9389 E-08	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0002	0.0000	0.0000	4.0143 E-08	-1.7665 E-06	-8.1331 E-08	
	008	0.0031	0.0056	0.0019	-4.0198 E-05	2.2352 E-05	1.5494 E-07	
	009	-0.0062	0.0056	-0.0039	-4.0173 E-05	-4.4561 E-05	1.0575 E-07	
	010	0.0031	0.0056	0.0019	-4.0198 E-05	2.2352 E-05	1.5494 E-07	
	011	0.0031	-0.0113	0.0019	8.036 E-05	2.228 E-05	-2.6033 E-07	
00094	001	0.0069	-0.0011	-0.0443	8.5471 E-06	4.8997 E-05	-2.4136 E-07	
	002	0.0051	0.0000	-0.0014	2.632 E-08	3.6586 E-05	2.3632 E-08	
	003	0.0204	-0.0001	0.0077	1.0211 E-07	1.4629 E-04	1.6922 E-07	
	004	0.0000	0.0000	-0.0042	3.8846 E-09	-2.2326 E-08	-2.3276 E-08	
	005	0.0065	0.0000	0.0021	-5.6738 E-08	4.6433 E-05	5.4297 E-08	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0001	0.0000	0.0000	-2.6054 E-08	-1.2534 E-06	-3.5095 E-06	
	008	0.0031	0.0057	0.0036	-4.0557 E-05	2.2891 E-05	3.3133 E-07	
	009	-0.0062	0.0056	-0.0022	-3.9999 E-05	-4.4448 E-05	-9.0232 E-08	



Nodi - Spostamenti per condizioni di carico non sismiche								
Nodo	CC	S <sub>x</sub> [cm]	S <sub>y</sub> [cm]	S <sub>z</sub> [cm]	Θ <sub>x</sub> [rad]	Θ <sub>y</sub> [rad]	Θ <sub>z</sub> [rad]	
00095	010	0.0031	0.0057	0.0036	-4.0557 E-05	2.2891 E-05	3.3133 E-07	
	011	0.0031	-0.0113	-0.0014	8.0544 E-05	2.163 E-05	-2.4017 E-07	
	001	0.0023	-0.0004	-0.0520	7.7524 E-06	4.9874 E-05	-1.1328 E-07	
	002	0.0017	0.0000	-0.0078	1.8314 E-07	3.6389 E-05	-2.1359 E-08	
	003	0.0068	0.0000	-0.0180	7.6393 E-07	1.4541 E-04	-3.3591 E-08	
	004	0.0000	0.0000	-0.0042	-6.9288 E-09	4.6304 E-09	-1.6201 E-08	
	005	0.0022	0.0000	-0.0061	1.2977 E-07	4.6188 E-05	-1.2786 E-08	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	-0.0001	-0.0001	0.0000	3.4013 E-07	-8.949 E-08	5.8837 E-07	
	008	0.0010	0.0019	-0.0053	-4.0496 E-05	2.2173 E-05	-2.0351 E-09	
	009	-0.0020	0.0019	0.0005	-4.052 E-05	-4.368 E-05	-3.3692 E-08	
00096	010	0.0010	0.0019	-0.0053	-4.0496 E-05	2.2173 E-05	-2.0351 E-09	
	011	0.0010	-0.0038	0.0048	8.1004 E-05	2.1577 E-05	3.5838 E-08	
	001	0.0046	-0.0007	-0.0521	6.8456 E-06	5.0623 E-05	-1.0339 E-07	
	002	0.0034	0.0000	-0.0079	-1.0822 E-07	3.668 E-05	-2.0419 E-09	
	003	0.0136	-0.0001	-0.0181	-3.8433 E-07	1.4656 E-04	2.1953 E-08	
	004	0.0000	0.0000	-0.0042	-1.1981 E-08	8.9055 E-09	-9.4096 E-09	
	005	0.0043	0.0000	-0.0061	-2.5827 E-07	4.6563 E-05	8.5083 E-10	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	-0.0001	-0.0001	0.0000	-5.9338 E-08	-9.3798 E-08	6.4891 E-07	
	008	0.0021	0.0038	-0.0054	-4.1116 E-05	2.2661 E-05	-1.6908 E-07	
	009	-0.0041	0.0038	0.0005	-4.0651 E-05	-4.3823 E-05	-4.2968 E-07	
00097	010	0.0021	0.0038	-0.0054	-4.1116 E-05	2.2661 E-05	-1.6908 E-07	
	011	0.0020	-0.0076	0.0049	8.1755 E-05	2.1233 E-05	5.9941 E-07	
	001	0.0070	-0.0011	-0.0524	6.6268 E-06	5.1216 E-05	-3.6348 E-07	
	002	0.0051	0.0000	-0.0079	-2.0896 E-07	3.6915 E-05	-9.3448 E-08	
	003	0.0205	0.0000	-0.0181	-8.0858 E-07	1.4746 E-04	-2.9929 E-07	
	004	0.0000	0.0000	-0.0042	-5.1951 E-09	2.2698 E-08	-2.3023 E-08	
	005	0.0065	0.0000	-0.0061	-4.0057 E-07	4.684 E-05	-8.6617 E-08	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	-0.0001	0.0000	0.0000	1.2302 E-09	1.2209 E-06	-3.2813 E-06	
	008	0.0031	0.0057	-0.0036	-4.1022 E-05	2.3279 E-05	-1.0308 E-06	
	009	-0.0062	0.0057	0.0022	-4.0428 E-05	-4.4602 E-05	-7.6729 E-07	
00098	010	0.0031	0.0057	-0.0036	-4.1022 E-05	2.3279 E-05	-1.0308 E-06	
	011	0.0030	-0.0114	0.0015	8.1437 E-05	2.1398 E-05	1.7974 E-06	
	001	0.0070	-0.0011	-0.0527	7.9396 E-06	5.1002 E-05	4.7107 E-08	
	002	0.0051	0.0000	-0.0079	1.5527 E-07	3.6816 E-05	1.1854 E-08	
	003	0.0205	-0.0001	-0.0181	6.3314 E-07	1.4701 E-04	4.1166 E-08	
	004	0.0000	0.0000	-0.0042	-8.1417 E-10	3.8166 E-08	2.1538 E-09	
	005	0.0065	0.0000	-0.0061	8.5664 E-08	4.6701 E-05	1.9081 E-08	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	-0.0002	0.0000	0.0000	-4.2946 E-08	1.8179 E-06	8.0254 E-09	
	008	0.0031	0.0057	-0.0019	-4.0582 E-05	2.2458 E-05	-7.8999 E-07	
	009	-0.0062	0.0057	0.0039	-4.0586 E-05	-4.4903 E-05	-8.154 E-07	
00099	010	0.0031	0.0057	-0.0019	-4.0582 E-05	2.2458 E-05	-7.8999 E-07	
	011	0.0031	-0.0114	-0.0019	8.1156 E-05	2.2519 E-05	1.6053 E-06	
	001	0.0070	-0.0012	-0.0531	9.3823 E-06	5.126 E-05	4.2173 E-07	
	002	0.0051	0.0000	-0.0079	5.701 E-07	3.692 E-05	1.1475 E-07	
	003	0.0205	-0.0002	-0.0181	2.2777 E-06	1.4747 E-04	3.8961 E-07	
	004	0.0000	0.0000	-0.0042	3.3987 E-09	2.5952 E-08	2.1771 E-08	
	005	0.0065	0.0000	-0.0061	6.4001 E-07	4.6846 E-05	1.2576 E-07	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	-0.0001	0.0000	0.0000	-7.6507 E-08	1.6375 E-06	2.9283 E-06	
	008	0.0031	0.0057	-0.0002	-4.0566 E-05	2.2017 E-05	-6.9437 E-07	
	009	-0.0062	0.0057	0.0056	-4.1236 E-05	-4.5847 E-05	-1.0236 E-06	
00100	010	0.0031	0.0057	-0.0002	-4.0566 E-05	2.2017 E-05	-6.9437 E-07	
	011	0.0032	-0.0114	-0.0053	8.1792 E-05	2.3904 E-05	1.718 E-06	
	001	0.0070	-0.0010	-0.0499	6.6858 E-06	5.0999 E-05	3.3419 E-07	
	002	0.0051	0.0000	-0.0062	-1.282 E-07	3.6796 E-05	1.7269 E-07	
	003	0.0204	0.0000	-0.0116	-4.3257 E-07	1.4705 E-04	6.7111 E-07	
	004	0.0000	0.0000	-0.0042	-2.1911 E-08	1.2746 E-09	5.807 E-09	
	005	0.0065	0.0000	-0.0040	-2.7878 E-07	4.6744 E-05	2.0418 E-07	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	-0.0002	0.0000	-6.0788 E-07	-4.6011 E-08	4.0918 E-06	
	008	0.0031	0.0057	-0.0044	-4.2045 E-05	2.2717 E-05	4.7977 E-07	
	009	-0.0061	0.0057	-0.0014	-4.1398 E-05	-4.3492 E-05	-1.7964 E-07	
00101	010	0.0031	0.0057	-0.0044	-4.2045 E-05	2.2717 E-05	4.7977 E-07	
	011	0.0030	-0.0115	0.0058	8.343 E-05	2.0845 E-05	-2.9982 E-07	
	001	0.0070	-0.0011	-0.0477	7.0453 E-06	4.9666 E-05	3.1341 E-07	
	002	0.0051	0.0000	-0.0046	7.1905 E-08	3.6503 E-05	1.9141 E-07	
	003	0.0204	-0.0001	-0.0051	3.7629 E-07	1.4589 E-04	7.6818 E-07	
	004	0.0000	0.0000	-0.0042	-2.4811 E-08	-3.6291 E-10	-1.2021 E-09	
	005	0.0065	0.0000	-0.0020	-2.5354 E-08	4.6336 E-05	2.3622 E-07	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	-0.0003	0.0000	-5.1248 E-07	3.4333 E-08	4.3284 E-07	



Nodi - Spostamenti per condizioni di carico non sismiche								
Nodo	CC	S <sub>x</sub> [cm]	S <sub>y</sub> [cm]	S <sub>z</sub> [cm]	Θ <sub>x</sub> [rad]	Θ <sub>y</sub> [rad]	Θ <sub>z</sub> [rad]	
	008	0.0031	0.0057	-0.0034	-4.1491 E-05	2.2051 E-05	5.5385 E-07	
	009	-0.0061	0.0057	-0.0034	-4.1542 E-05	-4.3696 E-05	3.3687 E-08	
	010	0.0031	0.0057	-0.0034	-4.1491 E-05	2.2051 E-05	5.5385 E-07	
	011	0.0030	-0.0114	0.0067	8.3021 E-05	2.1714 E-05	-5.8774 E-07	
	00102	0.0069	-0.0011	-0.0455	7.2107 E-06	4.9146 E-05	9.7087 E-08	
00102	002	0.0051	0.0000	-0.0030	2.2707 E-07	3.6483 E-05	1.8482 E-07	
	003	0.0204	-0.0001	0.0013	9.8901 E-07	1.458 E-04	7.5624 E-07	
	004	0.0000	0.0000	-0.0042	-2.255 E-08	-1.0717 E-11	-5.6509 E-09	
	005	0.0065	0.0000	0.0001	1.5758 E-07	4.6278 E-05	2.2414 E-07	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	-0.0002	0.0000	-5.1484 E-07	1.3851 E-07	-4.2381 E-06	
	008	0.0031	0.0057	-0.0024	-4.1433 E-05	2.1835 E-05	1.9648 E-07	
	009	-0.0062	0.0057	-0.0053	-4.2022 E-05	-4.4222 E-05	-3.4878 E-07	
	010	0.0031	0.0057	-0.0024	-4.1433 E-05	2.1835 E-05	1.9648 E-07	
	011	0.0031	-0.0114	0.0077	8.3443 E-05	2.2456 E-05	1.5181 E-07	
00103	001	0.0000	0.0000	-0.0523	7.8018 E-06	4.7724 E-05	-1.4998 E-08	
	002	0.0000	0.0000	-0.0078	1.4793 E-07	3.5975 E-05	-2.4959 E-09	
	003	0.0000	0.0000	-0.0180	5.761 E-07	1.4447 E-04	-4.1474 E-09	
	004	0.0000	0.0000	-0.0042	7.7968 E-09	-2.1855 E-07	-1.8222 E-09	
	005	0.0000	0.0000	-0.0060	6.4011 E-08	4.5895 E-05	-1.2637 E-09	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	6.9165 E-07	-3.3311 E-06	-2.2019 E-08	
	008	0.0000	0.0000	-0.0036	-4.0412 E-05	2.1825 E-05	-6.8381 E-11	
	009	0.0000	0.0000	0.0022	-4.0394 E-05	-4.348 E-05	2.2742 E-09	
	010	0.0000	0.0000	-0.0036	-4.0412 E-05	2.1825 E-05	-6.8381 E-11	
	011	0.0000	0.0000	0.0014	8.0795 E-05	2.1725 E-05	-2.2065 E-09	
00104	001	0.0000	0.0000	-0.0526	7.8207 E-06	4.7939 E-05	-1.5343 E-10	
	002	0.0000	0.0000	-0.0078	1.3678 E-07	3.6014 E-05	9.2466 E-11	
	003	0.0000	0.0000	-0.0180	6.0414 E-07	1.4478 E-04	3.3144 E-10	
	004	0.0000	0.0000	-0.0042	-1.4903 E-08	-2.67 E-07	1.1866 E-11	
	005	0.0000	0.0000	-0.0060	7.618 E-08	4.6006 E-05	1.2393 E-10	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	-1.1508 E-07	-4.2821 E-06	-7.4452 E-10	
	008	0.0000	0.0000	-0.0019	-4.0424 E-05	2.1797 E-05	2.2892 E-10	
	009	0.0000	0.0000	0.0039	-4.0424 E-05	-4.3588 E-05	2.9498 E-10	
	010	0.0000	0.0000	-0.0019	-4.0424 E-05	2.1797 E-05	2.2892 E-10	
	011	0.0000	0.0000	-0.0019	8.0837 E-05	2.186 E-05	-5.241 E-10	
00105	001	0.0000	0.0000	-0.0529	8.1646 E-06	4.811 E-05	1.5151 E-08	
	002	0.0000	0.0000	-0.0078	2.0682 E-07	3.6092 E-05	1.2738 E-09	
	003	0.0000	0.0000	-0.0180	8.6666 E-07	1.4476 E-04	1.1451 E-09	
	004	0.0000	0.0000	-0.0042	-9.458 E-09	-1.6328 E-07	1.2344 E-09	
	005	0.0000	0.0000	-0.0061	1.6792 E-07	4.5996 E-05	2.1771 E-10	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	-6.9187 E-07	-3.3723 E-06	8.1325 E-08	
	008	0.0000	0.0000	-0.0002	-4.0381 E-05	2.1749 E-05	5.1611 E-10	
	009	0.0000	0.0000	0.0056	-4.0459 E-05	-4.3666 E-05	-9.4146 E-10	
	010	0.0000	0.0000	-0.0002	-4.0381 E-05	2.1749 E-05	5.1611 E-10	
	011	0.0000	0.0000	-0.0053	8.0828 E-05	2.1987 E-05	4.242 E-10	
00106	001	0.0000	0.0000	-0.0498	8.9328 E-06	4.9572 E-05	9.6478 E-09	
	002	0.0000	0.0000	-0.0062	3.0377 E-07	3.6324 E-05	7.4864 E-10	
	003	0.0000	0.0000	-0.0115	8.0283 E-07	1.4523 E-04	-6.3839 E-09	
	004	0.0000	0.0000	-0.0042	1.3162 E-07	-1.9742 E-08	2.9322 E-09	
	005	0.0000	0.0000	-0.0040	1.3012 E-07	4.6135 E-05	-2.4276 E-09	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	3.6678 E-06	-6.1082 E-07	8.2699 E-10	
	008	0.0000	0.0000	-0.0043	-4.0165 E-05	2.208 E-05	2.0637 E-09	
	009	0.0000	0.0000	-0.0014	-4.0317 E-05	-4.3543 E-05	2.2664 E-09	
	010	0.0000	0.0000	-0.0043	-4.0165 E-05	2.208 E-05	2.0637 E-09	
	011	0.0000	0.0000	0.0058	8.0471 E-05	2.1532 E-05	-4.3282 E-09	
00107	001	0.0000	0.0000	-0.0476	8.242 E-06	4.9629 E-05	2.6652 E-09	
	002	0.0000	0.0000	-0.0046	1.7631 E-07	3.6342 E-05	7.7038 E-10	
	003	0.0000	0.0000	-0.0051	3.1899 E-07	1.4523 E-04	9.9851 E-09	
	004	0.0000	0.0000	-0.0042	1.2357 E-07	2 E-09	-2.1599 E-09	
	005	0.0000	0.0000	-0.0020	-3.8894 E-08	4.6132 E-05	3.8586 E-09	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	4.8484 E-06	1.0029 E-07	1.2751 E-08	
	008	0.0000	0.0000	-0.0034	-4.0156 E-05	2.2083 E-05	5.7387 E-09	
	009	0.0000	0.0000	-0.0034	-4.0192 E-05	-4.3583 E-05	6.3218 E-09	
	010	0.0000	0.0000	-0.0034	-4.0156 E-05	2.2083 E-05	5.7387 E-09	
	011	0.0000	0.0000	0.0067	8.0337 E-05	2.1569 E-05	-1.2058 E-08	
00108	001	0.0000	0.0000	-0.0454	8.7287 E-06	4.9344 E-05	-4.8164 E-09	
	002	0.0000	0.0000	-0.0030	1.7613 E-07	3.6286 E-05	-2.7363 E-10	
	003	0.0000	0.0000	0.0013	2.8836 E-07	1.4496 E-04	8.9385 E-10	
	004	0.0000	0.0000	-0.0042	1.3288 E-07	1.9619 E-08	-6.2166 E-10	
	005	0.0000	0.0000	0.0001	-3.6598 E-08	4.6032 E-05	2.7051 E-10	



Nodi - Spostamenti per condizioni di carico non sismiche								
Nodo	CC	S <sub>x</sub> [cm]	S <sub>y</sub> [cm]	S <sub>z</sub> [cm]	Θ <sub>x</sub> [rad]	Θ <sub>y</sub> [rad]	Θ <sub>z</sub> [rad]	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	3.7315 E-06	5.9698 E-07	-1.9409 E-08	
	008	0.0000	0.0000	-0.0024	-4.0079 E-05	2.1973 E-05	-1.4947 E-09	
	009	0.0000	0.0000	-0.0053	-3.9993 E-05	-4.3631 E-05	-1.7564 E-09	
	010	0.0000	0.0000	-0.0024	-4.0079 E-05	2.1973 E-05	-1.4947 E-09	
	011	0.0000	0.0000	0.0077	8.006 E-05	2.1727 E-05	3.2486 E-09	
00109	001	0.0000	0.0000	-0.0511	6.9048 E-06	4.9518 E-05	-1.3128 E-08	
	002	0.0000	0.0000	-0.0062	8.1 E-08	3.633 E-05	1.0308 E-10	
	003	0.0000	0.0000	-0.0116	7.7908 E-07	1.4525 E-04	1.2471 E-08	
	004	0.0000	0.0000	-0.0042	-1.3939 E-07	-1.8209 E-08	-3.7711 E-09	
	005	0.0000	0.0000	-0.0040	1.4696 E-07	4.6146 E-05	4.5265 E-09	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	-3.7482 E-06	-7.1483 E-07	5.5578 E-09	
	008	0.0000	0.0000	0.0024	-4.0213 E-05	2.1728 E-05	4.1231 E-09	
	009	0.0000	0.0000	0.0053	-4.0155 E-05	-4.3944 E-05	1.3811 E-09	
	010	0.0000	0.0000	0.0024	-4.0213 E-05	2.1728 E-05	4.1231 E-09	
	011	0.0000	0.0000	-0.0077	8.0356 E-05	2.2285 E-05	-5.5003 E-09	
00110	001	0.0000	0.0000	-0.0489	6.9303 E-06	4.961 E-05	9.9836 E-09	
	002	0.0000	0.0000	-0.0046	8.7201 E-08	3.6336 E-05	4.0772 E-10	
	003	0.0000	0.0000	-0.0052	9.3355 E-07	1.4522 E-04	-7.1842 E-09	
	004	0.0000	0.0000	-0.0042	-1.7999 E-07	-1.1319 E-09	2.7557 E-09	
	005	0.0000	0.0000	-0.0020	1.983 E-07	4.6134 E-05	-2.7508 E-09	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	-4.7265 E-06	1.2737 E-08	-1.3194 E-08	
	008	0.0000	0.0000	0.0034	-4.0118 E-05	2.1745 E-05	2.3007 E-09	
	009	0.0000	0.0000	0.0034	-4.0085 E-05	-4.3938 E-05	2.4395 E-09	
	010	0.0000	0.0000	0.0034	-4.0118 E-05	2.1745 E-05	2.3007 E-09	
	011	0.0000	0.0000	-0.0067	8.0192 E-05	2.2263 E-05	-4.7365 E-09	
00111	001	0.0000	0.0000	-0.0467	6.9542 E-06	4.9448 E-05	5.1942 E-09	
	002	0.0000	0.0000	-0.0030	1.1935 E-07	3.6306 E-05	3.9955 E-10	
	003	0.0000	0.0000	0.0012	9.4221 E-07	1.4506 E-04	-2.6081 E-10	
	004	0.0000	0.0000	-0.0042	-1.4258 E-07	1.2083 E-08	5.8099 E-10	
	005	0.0000	0.0000	0.0001	1.9469 E-07	4.6074 E-05	-1.0889 E-10	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	-3.7304 E-06	5.3693 E-07	2.1561 E-08	
	008	0.0000	0.0000	0.0043	-4.0024 E-05	2.1824 E-05	-1.9547 E-09	
	009	0.0000	0.0000	0.0014	-4.0022 E-05	-4.3831 E-05	-2.1297 E-09	
	010	0.0000	0.0000	0.0043	-4.0024 E-05	2.1824 E-05	-1.9547 E-09	
	011	0.0000	0.0000	-0.0057	8.0034 E-05	2.2076 E-05	4.0844 E-09	
00112	001	0.0000	0.0000	-0.0442	8.1229 E-06	5.0592 E-05	-1.239 E-08	
	002	0.0000	0.0000	-0.0014	1.4972 E-07	3.6256 E-05	1.2122 E-09	
	003	0.0000	0.0000	0.0076	6.3798 E-07	1.4437 E-04	1.0607 E-08	
	004	0.0000	0.0000	-0.0042	-9.5006 E-09	1.648 E-07	-1.8011 E-09	
	005	0.0000	0.0000	0.0021	8.8336 E-08	4.5852 E-05	3.712 E-09	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	-6.3921 E-07	3.4301 E-06	-5.382 E-08	
	008	0.0000	0.0000	0.0036	-4.0117 E-05	2.1732 E-05	-2.0923 E-09	
	009	0.0000	0.0000	-0.0022	-4.003 E-05	-4.3642 E-05	-4.4068 E-09	
	010	0.0000	0.0000	0.0036	-4.0117 E-05	2.1732 E-05	-2.0923 E-09	
	011	0.0000	0.0000	-0.0014	8.0136 E-05	2.198 E-05	6.5038 E-09	
00113	001	0.0000	0.0000	-0.0438	7.8691 E-06	5.0725 E-05	1.3584 E-10	
	002	0.0000	0.0000	-0.0014	1.5209 E-07	3.6307 E-05	-1.0341 E-10	
	003	0.0000	0.0000	0.0077	6.6301 E-07	1.4424 E-04	-3.9215 E-10	
	004	0.0000	0.0000	-0.0042	-1.4382 E-08	2.6925 E-07	-6.67 E-12	
	005	0.0000	0.0000	0.0021	8.844 E-08	4.5803 E-05	-1.5075 E-10	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	-2.9584 E-08	4.3219 E-06	2.8248 E-09	
	008	0.0000	0.0000	0.0019	-4.0098 E-05	2.1832 E-05	1.5535 E-10	
	009	0.0000	0.0000	-0.0039	-4.0096 E-05	-4.3511 E-05	1.4099 E-10	
	010	0.0000	0.0000	0.0019	-4.0098 E-05	2.1832 E-05	1.5535 E-10	
	011	0.0000	0.0000	0.0019	8.0183 E-05	2.1748 E-05	-2.9634 E-10	
00114	001	0.0000	0.0000	-0.0435	7.8181 E-06	5.087 E-05	1.129 E-08	
	002	0.0000	0.0000	-0.0014	1.6751 E-07	3.6273 E-05	-3.1452 E-10	
	003	0.0000	0.0000	0.0077	6.5144 E-07	1.4426 E-04	-7.2156 E-09	
	004	0.0000	0.0000	-0.0042	8.5103 E-09	2.2019 E-07	1.864 E-09	
	005	0.0000	0.0000	0.0021	8.2117 E-08	4.5819 E-05	-2.366 E-09	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	0.0000	7.9926 E-07	3.4209 E-06	2.9762 E-08	
	008	0.0000	0.0000	0.0003	-4.0076 E-05	2.1919 E-05	-2.17 E-09	
	009	0.0000	0.0000	-0.0055	-4.0109 E-05	-4.3353 E-05	2.5776 E-10	
	010	0.0000	0.0000	0.0003	-4.0076 E-05	2.1919 E-05	-2.17 E-09	
	011	0.0000	0.0000	0.0053	8.0174 E-05	2.1504 E-05	1.9067 E-09	
00115	001	0.0013	-0.0002	-0.0520	8.0084 E-06	4.9685 E-05	-7.1708 E-08	
	002	0.0009	0.0000	-0.0069	1.6844 E-07	3.6365 E-05	2.7608 E-09	
	003	0.0037	0.0000	-0.0144	7.4258 E-07	1.4539 E-04	8.6718 E-08	



Nodi - Spostamenti per condizioni di carico non sismiche								
Nodo	CC	S <sub>x</sub> [cm]	S <sub>y</sub> [cm]	S <sub>z</sub> [cm]	Θ <sub>x</sub> [rad]	Θ <sub>y</sub> [rad]	Θ <sub>z</sub> [rad]	
	004	0.0000	0.0000	-0.0042	-1.8646 E-08	-1.6254 E-08	-2.3686 E-08	
	005	0.0012	0.0000	-0.0049	1.2504 E-07	4.6188 E-05	3.1246 E-08	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0001	0.0000	-2.9248 E-06	-7.2498 E-07	-1.7953 E-06	
	008	0.0006	0.0010	0.0020	-4.0498 E-05	2.1741 E-05	4.2806 E-08	
	009	-0.0011	0.0010	0.0061	-4.0454 E-05	-4.406 E-05	5.9732 E-08	
	010	0.0006	0.0010	0.0020	-4.0498 E-05	2.1741 E-05	4.2806 E-08	
	011	0.0006	-0.0021	-0.0081	8.094 E-05	2.239 E-05	-1.0268 E-07	
	00116	0.0057	-0.0009	-0.0522	9.2065 E-06	5.1158 E-05	-2.1712 E-07	
	002	0.0042	0.0000	-0.0069	4.8925 E-07	3.6861 E-05	-8.4621 E-08	
	003	0.0167	-0.0001	-0.0144	1.912 E-06	1.4731 E-04	-2.9355 E-07	
	004	0.0000	0.0000	-0.0042	1.666 E-08	7.1734 E-10	-1.4043 E-08	
	005	0.0053	0.0000	-0.0049	5.1882 E-07	4.6828 E-05	-9.1451 E-08	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0001	0.0000	4.5356 E-07	-7.3881 E-08	-4.0571 E-06	
	008	0.0025	0.0046	0.0020	-4.1141 E-05	2.1571 E-05	4.2367 E-08	
	009	-0.0051	0.0047	0.0062	-4.1892 E-05	-4.4979 E-05	5.1903 E-07	
	010	0.0025	0.0046	0.0020	-4.1141 E-05	2.1571 E-05	4.2367 E-08	
	011	0.0026	-0.0093	-0.0082	8.3023 E-05	2.3479 E-05	-5.6294 E-07	
	00117	0.0057	-0.0009	-0.0459	8.6215 E-06	4.9021 E-05	5.5381 E-09	
	002	0.0042	0.0000	-0.0024	7.4232 E-08	3.652 E-05	-8.3032 E-08	
	003	0.0166	-0.0001	0.0039	2.573 E-07	1.4596 E-04	-3.8005 E-07	
	004	0.0000	0.0000	-0.0042	1.5306 E-08	-1.6368 E-09	1.4984 E-08	
	005	0.0053	0.0000	0.0009	-3.8725 E-09	4.633 E-05	-1.2483 E-07	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0001	0.0000	8.7305 E-08	-1.1833 E-08	4.5988 E-06	
	008	0.0025	0.0046	0.0048	-4.126 E-05	2.2495 E-05	9.3111 E-08	
	009	-0.0050	0.0046	0.0006	-4.0626 E-05	-4.3984 E-05	2.777 E-07	
	010	0.0025	0.0046	0.0048	-4.126 E-05	2.2495 E-05	9.3111 E-08	
	011	0.0025	-0.0092	-0.0054	8.1872 E-05	2.1559 E-05	-3.7112 E-07	
	00118	0.0013	-0.0002	-0.0458	7.9431 E-06	4.953 E-05	1.1601 E-07	
	002	0.0009	0.0000	-0.0024	1.5432 E-07	3.6344 E-05	1.7839 E-08	
	003	0.0037	0.0000	0.0039	7.0236 E-07	1.4519 E-04	-2.4413 E-08	
	004	0.0000	0.0000	-0.0042	-2.3867 E-08	1.7963 E-08	2.9908 E-08	
	005	0.0012	0.0000	0.0009	1.0559 E-07	4.6118 E-05	-1.3374 E-08	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0001	0.0000	-2.6563 E-06	7.6241 E-07	1.9649 E-06	
	008	0.0006	0.0010	0.0047	-4.022 E-05	2.1857 E-05	1.6498 E-08	
	009	-0.0011	0.0010	0.0006	-4.0205 E-05	-4.3899 E-05	-1.4402 E-08	
	010	0.0006	0.0010	0.0047	-4.022 E-05	2.1857 E-05	1.6498 E-08	
	011	0.0006	-0.0021	-0.0053	8.0413 E-05	2.2112 E-05	-2.0621 E-09	
	00119	0.0017	-0.0003	-0.0475	7.9327 E-06	4.9512 E-05	5.1714 E-08	
	002	0.0013	0.0000	-0.0036	1.5545 E-07	3.6374 E-05	1.6285 E-08	
	003	0.0051	0.0000	-0.0009	6.8584 E-07	1.4534 E-04	3.4635 E-10	
	004	0.0000	0.0000	-0.0042	-1.7254 E-08	8.4047 E-09	2.0201 E-08	
	005	0.0016	0.0000	-0.0006	1.032 E-07	4.6168 E-05	-5.4553 E-09	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0002	0.0000	-4.7353 E-06	2.2364 E-07	1.6424 E-06	
	008	0.0008	0.0014	0.0040	-4.0333 E-05	2.185 E-05	7.6958 E-08	
	009	-0.0015	0.0014	0.0021	-4.0278 E-05	-4.396 E-05	3.6175 E-08	
	010	0.0008	0.0014	0.0040	-4.0333 E-05	2.185 E-05	7.6958 E-08	
	011	0.0008	-0.0028	-0.0061	8.06 E-05	2.2179 E-05	-1.1312 E-07	
	00120	0.0052	-0.0008	-0.0475	8.6793 E-06	4.9391 E-05	-1.0708 E-08	
	002	0.0038	0.0000	-0.0036	1.7485 E-07	3.6499 E-05	-7.2783 E-08	
	003	0.0153	-0.0001	-0.0009	6.1807 E-07	1.4587 E-04	-3.5489 E-07	
	004	0.0000	0.0000	-0.0042	2.8247 E-08	-4.4267 E-10	1.9874 E-08	
	005	0.0049	0.0000	-0.0006	1.0017 E-07	4.6323 E-05	-1.2259 E-07	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0003	0.0000	7.674 E-07	1.2475 E-08	3.5153 E-06	
	008	0.0023	0.0043	0.0040	-4.111 E-05	2.203 E-05	2.6355 E-07	
	009	-0.0046	0.0042	0.0021	-4.0826 E-05	-4.402 E-05	3.8733 E-07	
	010	0.0023	0.0043	0.0040	-4.111 E-05	2.203 E-05	2.6355 E-07	
	011	0.0023	-0.0085	-0.0061	8.1924 E-05	2.206 E-05	-6.5104 E-07	
	00121	0.0035	-0.0006	-0.0504	8.4987 E-06	4.9996 E-05	-9.6645 E-08	
	002	0.0025	0.0000	-0.0057	2.4073 E-07	3.6505 E-05	-4.7822 E-09	
	003	0.0102	-0.0001	-0.0095	8.8492 E-07	1.459 E-04	6.1702 E-08	
	004	0.0000	0.0000	-0.0042	2.7193 E-08	-1.6673 E-09	-2.5363 E-08	
	005	0.0032	0.0000	-0.0033	1.7222 E-07	4.6354 E-05	2.0788 E-08	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0003	0.0000	-9.7451 E-07	-1.6559 E-07	-2.9871 E-06	
	008	0.0015	0.0028	0.0027	-4.0759 E-05	2.1768 E-05	1.2791 E-07	
	009	-0.0031	0.0028	0.0047	-4.078 E-05	-4.4202 E-05	1.209 E-07	
	010	0.0015	0.0028	0.0027	-4.0759 E-05	2.1768 E-05	1.2791 E-07	
	011	0.0016	-0.0057	-0.0074	8.1528 E-05	2.2504 E-05	-2.4899 E-07	
	00122	0.0000	0.0000	-0.0479	7.3112 E-06	4.9622 E-05	2.8871 E-11	



Nodi - Spostamenti per condizioni di carico non sismiche								
Nodo	CC	S <sub>x</sub> [cm]	S <sub>y</sub> [cm]	S <sub>z</sub> [cm]	Θ <sub>x</sub> [rad]	Θ <sub>y</sub> [rad]	Θ <sub>z</sub> [rad]	
	002	0.0000	0.0000	-0.0046	2.442 E-07	3.6358 E-05	1.2282 E-10	
	003	0.0000	0.0000	-0.0051	4.2724 E-08	1.4531 E-04	4.2959 E-10	
	004	0.0000	0.0000	-0.0042	2.9482 E-07	-6.8921 E-10	1.9132 E-11	
	005	0.0000	0.0000	-0.0019	-1.4527 E-07	4.6155 E-05	1.2454 E-10	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	-0.0001	1.7322 E-06	1.4314 E-08	-4.1601 E-10	
	008	0.0000	0.0000	-0.0015	-4.0192 E-05	2.1967 E-05	-7.7348 E-11	
	009	0.0000	0.0000	-0.0015	-4.0201 E-05	-4.3637 E-05	-3.6178 E-10	
	010	0.0000	0.0000	-0.0015	-4.0192 E-05	2.1967 E-05	-7.7348 E-11	
	011	0.0000	0.0000	0.0030	8.0382 E-05	2.1739 E-05	4.3942 E-10	
00123	001	0.0000	0.0000	-0.0465	8.5863 E-06	4.9068 E-05	1.877 E-10	
	002	0.0000	0.0000	-0.0032	9.0529 E-08	3.635 E-05	-7.6866 E-11	
	003	0.0000	0.0000	0.0006	1.0071 E-06	1.4459 E-04	-3.3916 E-10	
	004	0.0000	0.0000	-0.0042	-1.9887 E-07	2.1319 E-07	9.9693 E-12	
	005	0.0000	0.0000	-0.0001	2.3634 E-07	4.5897 E-05	-1.1263 E-10	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	-0.0001	-1.4866 E-06	1.3192 E-06	1.8104 E-09	
	008	0.0000	0.0000	0.0024	-4.0139 E-05	2.1858 E-05	1.1434 E-10	
	009	0.0000	0.0000	-0.0002	-4.0023 E-05	-4.3708 E-05	2.3096 E-10	
	010	0.0000	0.0000	0.0024	-4.0139 E-05	2.1858 E-05	1.1434 E-10	
	011	0.0000	0.0000	-0.0022	8.0151 E-05	2.192 E-05	-3.4558 E-10	
00124	001	0.0000	0.0000	-0.0505	8.6873 E-06	5.0002 E-05	-3.8188 E-10	
	002	0.0000	0.0000	-0.0061	1.8068 E-07	3.629 E-05	-6.8861 E-11	
	003	0.0000	0.0000	-0.0109	1.368 E-06	1.4572 E-04	-3.3123 E-10	
	004	0.0000	0.0000	-0.0042	-1.9895 E-07	-2.1341 E-07	1.7511 E-11	
	005	0.0000	0.0000	-0.0038	3.5417 E-07	4.6321 E-05	-1.0764 E-10	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0000	0.0000	-0.0001	-1.497 E-06	-1.394 E-06	-3.2169 E-09	
	008	0.0000	0.0000	0.0007	-4.022 E-05	2.1756 E-05	-1.7289 E-10	
	009	0.0000	0.0000	0.0032	-4.0318 E-05	-4.3817 E-05	-1.3412 E-11	
	010	0.0000	0.0000	0.0007	-4.022 E-05	2.1756 E-05	-1.7289 E-10	
	011	0.0000	0.0000	-0.0039	8.0527 E-05	2.2131 E-05	1.8615 E-10	
00125	001	0.0013	-0.0002	-0.0434	7.705 E-06	4.9698 E-05	1.658 E-07	
	002	0.0009	0.0000	-0.0014	1.7866 E-07	3.6358 E-05	5.7801 E-09	
	003	0.0036	0.0000	0.0077	7.0619 E-07	1.4518 E-04	-1.1392 E-07	
	004	0.0000	0.0000	-0.0042	5.3362 E-09	3.754 E-08	4.2873 E-08	
	005	0.0012	0.0000	0.0021	1.0214 E-07	4.6115 E-05	-3.758 E-08	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0001	0.0000	0.0000	6.5195 E-07	3.1589 E-06	1.8353 E-06	
	008	0.0006	0.0010	-0.0004	-4.0174 E-05	2.2112 E-05	-4.0578 E-08	
	009	-0.0011	0.0010	-0.0062	-4.0208 E-05	-4.3602 E-05	1.7057 E-08	
	010	0.0006	0.0010	-0.0004	-4.0174 E-05	2.2112 E-05	-4.0578 E-08	
	011	0.0005	-0.0020	0.0066	8.0371 E-05	2.156 E-05	2.341 E-08	
00126	001	0.0057	-0.0009	-0.0435	7.3127 E-06	4.9063 E-05	1.8748 E-07	
	002	0.0042	0.0000	-0.0014	2.9444 E-07	3.6558 E-05	2.5435 E-08	
	003	0.0167	-0.0001	0.0077	1.2102 E-06	1.4616 E-04	-2.8489 E-10	
	004	0.0000	0.0000	-0.0042	-7.5978 E-09	-1.8845 E-08	3.1963 E-08	
	005	0.0053	0.0000	0.0021	2.3062 E-07	4.6391 E-05	-5.8774 E-10	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0001	0.0000	0.0000	5.5488 E-08	-6.4203 E-07	3.2756 E-06	
	008	0.0025	0.0046	-0.0004	-4.0451 E-05	2.1936 E-05	1.062 E-07	
	009	-0.0051	0.0046	-0.0062	-4.0961 E-05	-4.5155 E-05	5.9014 E-08	
	010	0.0025	0.0046	-0.0004	-4.0451 E-05	2.1936 E-05	1.062 E-07	
	011	0.0025	-0.0093	0.0067	8.1401 E-05	2.329 E-05	-1.6504 E-07	
00127	001	0.0057	-0.0009	-0.0444	8.5631 E-06	4.9064 E-05	-1.6932 E-07	
	002	0.0042	0.0000	-0.0014	2.6949 E-08	3.6563 E-05	-1.4319 E-08	
	003	0.0167	-0.0001	0.0077	9.5803 E-08	1.4617 E-04	3.6054 E-08	
	004	0.0000	0.0000	-0.0042	6.6531 E-09	-1.5612 E-08	-2.9092 E-08	
	005	0.0053	0.0000	0.0021	-5.9842 E-08	4.6402 E-05	1.8616 E-08	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0001	0.0000	0.0000	1.9169 E-08	-6.9864 E-07	-3.3667 E-06	
	008	0.0025	0.0046	0.0043	-4.0683 E-05	2.2811 E-05	-8.8872 E-08	
	009	-0.0051	0.0046	-0.0015	-4.0124 E-05	-4.4314 E-05	-8.3709 E-08	
	010	0.0025	0.0046	0.0043	-4.0683 E-05	2.2811 E-05	-8.8872 E-08	
	011	0.0025	-0.0093	-0.0028	8.0794 E-05	2.1575 E-05	1.7267 E-07	
00128	001	0.0013	-0.0002	-0.0443	8.1314 E-06	4.9685 E-05	-1.2819 E-07	
	002	0.0009	0.0000	-0.0014	1.3937 E-07	3.6364 E-05	-2.7983 E-10	
	003	0.0036	0.0000	0.0076	5.8854 E-07	1.4522 E-04	1.2033 E-07	
	004	0.0000	0.0000	-0.0042	-6.9685 E-09	3.4564 E-08	-3.7962 E-08	
	005	0.0012	0.0000	0.0021	6.853 E-08	4.6131 E-05	4.1138 E-08	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0001	0.0000	0.0000	-5.7919 E-07	3.0947 E-06	-1.8576 E-06	
	008	0.0005	0.0010	0.0043	-4.0201 E-05	2.18 E-05	-3.3974 E-08	
	009	-0.0011	0.0010	-0.0015	-4.0124 E-05	-4.3949 E-05	-9.6301 E-08	
	010	0.0005	0.0010	0.0043	-4.0201 E-05	2.18 E-05	-3.3974 E-08	



Nodi - Spostamenti per condizioni di carico non sismiche								
Nodo	CC	S <sub>x</sub> [cm]	S <sub>y</sub> [cm]	S <sub>z</sub> [cm]	Θ <sub>x</sub> [rad]	Θ <sub>y</sub> [rad]	Θ <sub>z</sub> [rad]	
00129	011	0.0006	-0.0020	-0.0028	8.0314 E-05	2.2219 E-05	1.304 E-07	
	001	0.0018	-0.0003	-0.0439	7.9402 E-06	4.9857 E-05	-2.5342 E-08	
	002	0.0013	0.0000	-0.0014	1.5788 E-07	3.6378 E-05	3.71 E-10	
	003	0.0051	0.0000	0.0077	6.4466 E-07	1.4521 E-04	1.7982 E-08	
	004	0.0000	0.0000	-0.0042	-1.3859 E-09	5.5775 E-08	-5.1152 E-09	
	005	0.0016	0.0000	0.0021	8.4277 E-08	4.612 E-05	6.5313 E-09	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0002	0.0000	0.0000	3.9575 E-08	4.9968 E-06	-1.3601 E-08	
	008	0.0008	0.0014	0.0019	-4.021 E-05	2.2004 E-05	-1.0542 E-07	
	009	-0.0015	0.0014	-0.0039	-4.0186 E-05	-4.3807 E-05	-1.2265 E-07	
	010	0.0008	0.0014	0.0019	-4.021 E-05	2.2004 E-05	-1.0542 E-07	
00130	011	0.0008	-0.0028	0.0019	8.0384 E-05	2.1873 E-05	2.2808 E-07	
	001	0.0052	-0.0008	-0.0439	7.9344 E-06	4.9027 E-05	-1.8604 E-08	
	002	0.0038	0.0000	-0.0014	1.5988 E-07	3.6531 E-05	6.6124 E-09	
	003	0.0153	-0.0001	0.0077	6.4896 E-07	1.4616 E-04	3.4344 E-08	
	004	0.0000	0.0000	-0.0042	-2.4976 E-10	-5.0917 E-08	-2.3379 E-09	
	005	0.0049	0.0000	0.0021	8.4608 E-08	4.6408 E-05	1.6203 E-08	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	0.0003	0.0000	0.0000	3.9966 E-08	-2.1917 E-06	-6.3154 E-08	
	008	0.0023	0.0042	0.0019	-4.0284 E-05	2.2299 E-05	-1.2923 E-07	
	009	-0.0046	0.0042	-0.0039	-4.0259 E-05	-4.4467 E-05	-1.6892 E-07	
	010	0.0023	0.0042	0.0019	-4.0284 E-05	2.2299 E-05	-1.2923 E-07	
00131	011	0.0023	-0.0085	0.0019	8.0531 E-05	2.224 E-05	2.9824 E-07	
	001	0.0012	-0.0002	-0.0522	7.7002 E-06	4.9467 E-05	-2.3769 E-07	
	002	0.0009	0.0000	-0.0078	1.5249 E-07	3.6312 E-05	-4.1907 E-08	
	003	0.0036	0.0000	-0.0180	6.0385 E-07	1.4524 E-04	-3.2091 E-08	
	004	0.0000	0.0000	-0.0042	4.8262 E-09	-3.6826 E-08	-4.2327 E-08	
	005	0.0012	0.0000	-0.0060	7.4791 E-08	4.6136 E-05	-7.6588 E-09	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	-0.0001	0.0000	0.0000	5.6287 E-07	-2.9782 E-06	-1.8409 E-06	
	008	0.0005	0.0010	-0.0043	-4.05 E-05	2.2007 E-05	-4.2587 E-08	
	009	-0.0011	0.0010	0.0015	-4.0479 E-05	-4.373 E-05	-1.0339 E-08	
	010	0.0005	0.0010	-0.0043	-4.05 E-05	2.2007 E-05	-4.2587 E-08	
00132	011	0.0005	-0.0020	0.0028	8.0968 E-05	2.1794 E-05	5.2918 E-08	
	001	0.0057	-0.0009	-0.0523	6.6367 E-06	5.1074 E-05	-1.5344 E-07	
	002	0.0042	0.0000	-0.0079	-1.9098 E-07	3.6869 E-05	-1.9447 E-09	
	003	0.0168	-0.0001	-0.0181	-7.2856 E-07	1.4729 E-04	8.8682 E-08	
	004	0.0000	0.0000	-0.0042	-7.7623 E-09	1.7792 E-08	-3.0068 E-08	
	005	0.0053	0.0000	-0.0061	-3.742 E-07	4.679 E-05	3.0307 E-08	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	-0.0001	0.0000	0.0000	-5.2913 E-08	6.9385 E-07	-3.1055 E-06	
	008	0.0026	0.0047	-0.0043	-4.1143 E-05	2.3221 E-05	-3.2005 E-07	
	009	-0.0051	0.0047	0.0015	-4.0547 E-05	-4.4328 E-05	-6.1497 E-07	
	010	0.0026	0.0047	-0.0043	-4.1143 E-05	2.3221 E-05	-3.2005 E-07	
00133	011	0.0025	-0.0093	0.0028	8.1678 E-05	2.118 E-05	9.3578 E-07	
	001	0.0057	-0.0009	-0.0532	9.2957 E-06	5.1116 E-05	1.4509 E-07	
	002	0.0042	0.0000	-0.0079	5.449 E-07	3.6868 E-05	1.3578 E-08	
	003	0.0168	-0.0001	-0.0182	2.1674 E-06	1.4726 E-04	-3.1784 E-08	
	004	0.0000	0.0000	-0.0042	6.3931 E-09	2.584 E-08	2.7015 E-08	
	005	0.0053	0.0000	-0.0061	6.0315 E-07	4.6784 E-05	-6.1197 E-09	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	-0.0001	0.0000	0.0000	-1.692 E-08	1.6506 E-06	3.111 E-06	
	008	0.0025	0.0047	0.0004	-4.0669 E-05	2.1895 E-05	-3.6349 E-07	
	009	-0.0051	0.0047	0.0063	-4.132 E-05	-4.5572 E-05	-1.0675 E-07	
	010	0.0025	0.0047	0.0004	-4.0669 E-05	2.1895 E-05	-3.6349 E-07	
00134	011	0.0026	-0.0094	-0.0067	8.1979 E-05	2.375 E-05	4.6916 E-07	
	001	0.0012	-0.0002	-0.0531	8.2124 E-06	4.9513 E-05	2.1676 E-07	
	002	0.0009	0.0000	-0.0079	2.0473 E-07	3.6334 E-05	3.6273 E-08	
	003	0.0036	0.0000	-0.0181	8.4886 E-07	1.4533 E-04	1.1947 E-08	
	004	0.0000	0.0000	-0.0042	-6.5004 E-09	-3.8079 E-08	4.1615 E-08	
	005	0.0012	0.0000	-0.0061	1.5965 E-07	4.617 E-05	1.253 E-09	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	-0.0001	0.0000	0.0000	-6.7016 E-07	-2.7064 E-06	1.7621 E-06	
	008	0.0005	0.0010	0.0004	-4.0465 E-05	2.1844 E-05	2.1014 E-08	
	009	-0.0011	0.0010	0.0062	-4.0554 E-05	-4.3991 E-05	-2.7193 E-08	
	010	0.0005	0.0010	0.0004	-4.0465 E-05	2.1844 E-05	2.1014 E-08	
00135	011	0.0006	-0.0020	-0.0067	8.1008 E-05	2.2217 E-05	6.2251 E-09	
	001	0.0017	-0.0003	-0.0526	7.9601 E-06	4.9395 E-05	4.0548 E-08	
	002	0.0013	0.0000	-0.0078	1.7748 E-07	3.6342 E-05	1.6482 E-08	
	003	0.0051	0.0000	-0.0180	7.2763 E-07	1.4538 E-04	4.5983 E-08	
	004	0.0000	0.0000	-0.0042	-2.645 E-09	-4.3783 E-08	6.2698 E-09	
	005	0.0016	0.0000	-0.0061	1.1779 E-07	4.6183 E-05	1.6626 E-08	
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	007	-0.0002	0.0000	0.0000	-7.2587 E-08	-4.8002 E-06	-3.0782 E-07	
	008	0.0008	0.0014	-0.0019	-4.0518 E-05	2.1986 E-05	-6.3849 E-08	



Nodi - Spostamenti per condizioni di carico non sismiche							
Nodo	CC	S <sub>x</sub> [cm]	S <sub>y</sub> [cm]	S <sub>z</sub> [cm]	Θ <sub>x</sub> [rad]	Θ <sub>y</sub> [rad]	Θ <sub>z</sub> [rad]
00136	009	-0.0015	0.0014	0.0039	-4.0555 E-05	-4.39 E-05	-9.8204 E-08
	010	0.0008	0.0014	-0.0019	-4.0518 E-05	2.1986 E-05	-6.3849 E-08
	011	0.0008	-0.0028	-0.0019	8.1062 E-05	2.1984 E-05	1.6217 E-07
	001	0.0052	-0.0008	-0.0527	7.888 E-06	5.0914 E-05	5.0249 E-08
	002	0.0038	0.0000	-0.0078	1.4274 E-07	3.677 E-05	1.2736 E-08
	003	0.0153	-0.0001	-0.0181	5.8188 E-07	1.468 E-04	4.4967 E-08
	004	0.0000	0.0000	-0.0042	-4.4863 E-10	4.6907 E-08	2.0173 E-09
	005	0.0049	0.0000	-0.0061	6.8333 E-08	4.6632 E-05	1.9005 E-08
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	007	-0.0003	0.0000	0.0000	-3.3423 E-08	1.9609 E-06	3.3347 E-08
	008	0.0023	0.0043	-0.0019	-4.0651 E-05	2.2385 E-05	-3.4449 E-07
00137	009	-0.0046	0.0043	0.0039	-4.0635 E-05	-4.4787 E-05	-3.9517 E-07
	010	0.0023	0.0043	-0.0019	-4.0651 E-05	2.2385 E-05	-3.4449 E-07
	011	0.0023	-0.0085	-0.0019	8.1275 E-05	2.2475 E-05	7.3982 E-07
	001	0.0013	-0.0002	-0.0507	7.8139 E-06	4.9665 E-05	1.2608 E-08
	002	0.0009	0.0000	-0.0069	1.6912 E-07	3.6351 E-05	-8.2991 E-09
	003	0.0037	0.0000	-0.0142	6.5493 E-07	1.4533 E-04	-9.5201 E-08
	004	0.0000	0.0000	-0.0042	9.6138 E-09	-1.4878 E-08	1.9379 E-08
	005	0.0012	0.0000	-0.0049	8.9581 E-08	4.6163 E-05	-3.5327 E-08
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	007	0.0000	-0.0001	0.0000	2.868 E-06	-6.1309 E-07	1.8306 E-06
	008	0.0006	0.0010	-0.0048	-4.0476 E-05	2.2152 E-05	1.7623 E-08
00138	009	-0.0011	0.0010	-0.0006	-4.0564 E-05	-4.3601 E-05	8.2354 E-09
	010	0.0006	0.0010	-0.0048	-4.0476 E-05	2.2152 E-05	1.7623 E-08
	011	0.0006	-0.0021	0.0054	8.1029 E-05	2.1518 E-05	-2.5836 E-08
	001	0.0057	-0.0009	-0.0508	6.6919 E-06	5.1107 E-05	1.2718 E-07
	002	0.0042	0.0000	-0.0069	-1.4964 E-07	3.685 E-05	7.127 E-08
	003	0.0166	0.0000	-0.0143	-5.3149 E-07	1.4726 E-04	2.6134 E-07
	004	0.0000	0.0000	-0.0042	-1.7756 E-08	3.5747 E-09	7.2608 E-09
	005	0.0053	0.0000	-0.0049	-3.1097 E-07	4.6806 E-05	7.4728 E-08
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	007	0.0000	-0.0001	0.0000	-4.8922 E-07	-7.4083 E-09	4.2165 E-06
	008	0.0025	0.0047	-0.0048	-4.1858 E-05	2.2863 E-05	1.7705 E-07
00139	009	-0.0050	0.0047	-0.0006	-4.1137 E-05	-4.3649 E-05	-2.6715 E-07
	010	0.0025	0.0047	-0.0048	-4.1858 E-05	2.2863 E-05	1.7705 E-07
	011	0.0025	-0.0093	0.0054	8.2982 E-05	2.0857 E-05	9.0549 E-08
	001	0.0057	-0.0009	-0.0446	7.2722 E-06	4.9037 E-05	6.7606 E-08
	002	0.0042	0.0000	-0.0023	2.523 E-07	3.6512 E-05	7.9483 E-08
	003	0.0166	-0.0001	0.0040	1.0697 E-06	1.4593 E-04	3.392 E-07
	004	0.0000	0.0000	-0.0042	-1.6272 E-08	-4.1682 E-09	-6.8239 E-09
	005	0.0053	0.0000	0.0009	1.8266 E-07	4.6313 E-05	1.0554 E-07
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	007	0.0000	-0.0001	0.0000	-2.6132 E-08	5.8962 E-08	-4.5656 E-06
	008	0.0025	0.0046	-0.0020	-4.1193 E-05	2.1769 E-05	3.5792 E-07
00140	009	-0.0050	0.0046	-0.0061	-4.1792 E-05	-4.4662 E-05	2.208 E-07
	010	0.0025	0.0046	-0.0020	-4.1193 E-05	2.1769 E-05	3.5792 E-07
	011	0.0025	-0.0093	0.0081	8.2973 E-05	2.2962 E-05	-5.7883 E-07
	001	0.0013	-0.0002	-0.0445	7.8298 E-06	4.9535 E-05	-3.8987 E-08
	002	0.0009	0.0000	-0.0023	1.5856 E-07	3.6332 E-05	-1.1916 E-08
	003	0.0037	0.0000	0.0040	5.9603 E-07	1.4515 E-04	2.6023 E-08
	004	0.0000	0.0000	-0.0042	1.469 E-08	1.6681 E-08	-2.305 E-08
	005	0.0012	0.0000	0.0009	6.7468 E-08	4.6098 E-05	1.228 E-08
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	007	0.0000	-0.0001	0.0000	2.7346 E-06	8.3876 E-07	-1.9542 E-06
	008	0.0006	0.0010	-0.0020	-4.024 E-05	2.2018 E-05	2.4815 E-08
00141	009	-0.0011	0.0010	-0.0061	-4.022 E-05	-4.3692 E-05	6.1169 E-08
	010	0.0006	0.0010	-0.0020	-4.024 E-05	2.2018 E-05	2.4815 E-08
	011	0.0006	-0.0021	0.0081	8.0449 E-05	2.1744 E-05	-8.6106 E-08
	001	0.0017	-0.0003	-0.0461	7.8738 E-06	4.9509 E-05	1.7839 E-08
	002	0.0013	0.0000	-0.0035	1.6818 E-07	3.6362 E-05	-1.6263 E-08
	003	0.0051	0.0000	-0.0008	6.4913 E-07	1.4531 E-04	-2.4793 E-08
	004	0.0000	0.0000	-0.0042	1.0135 E-08	4.4141 E-09	-1.2612 E-08
	005	0.0016	0.0000	-0.0006	8.345 E-08	4.6149 E-05	-4.3603 E-09
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	007	0.0000	-0.0002	0.0000	4.7906 E-06	2.9663 E-07	-1.6293 E-06
	008	0.0008	0.0014	-0.0027	-4.038 E-05	2.2055 E-05	6.2506 E-08
00142	009	-0.0015	0.0014	-0.0047	-4.0421 E-05	-4.3713 E-05	1.3061 E-07
	010	0.0008	0.0014	-0.0027	-4.038 E-05	2.2055 E-05	6.2506 E-08
	011	0.0008	-0.0028	0.0074	8.079 E-05	2.1728 E-05	-1.9327 E-07
	001	0.0052	-0.0008	-0.0462	7.2363 E-06	4.9395 E-05	4.9364 E-08
	002	0.0038	0.0000	-0.0035	1.5669 E-07	3.649 E-05	5.9916 E-08
	003	0.0153	-0.0001	-0.0008	7.2458 E-07	1.4584 E-04	2.8676 E-07
	004	0.0000	0.0000	-0.0042	-2.7804 E-08	-1.2979 E-09	-1.4934 E-08
	005	0.0049	0.0000	-0.0006	8.6427 E-08	4.6304 E-05	9.1395 E-08
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00



**Nodi - Spostamenti per condizioni di carico non sismiche**

Nodo	CC	S <sub>x</sub> [cm]	S <sub>y</sub> [cm]	S <sub>z</sub> [cm]	Θ <sub>x</sub> [rad]	Θ <sub>y</sub> [rad]	Θ <sub>z</sub> [rad]
	007	0.0000	-0.0003	0.0000	-7.1911 E-07	8.8759 E-08	-3.4368 E-06
	008	0.0023	0.0043	-0.0027	-4.1237 E-05	2.2005 E-05	3.9748 E-07
	009	-0.0046	0.0043	-0.0047	-4.1504 E-05	-4.3999 E-05	3.4379 E-07
	010	0.0023	0.0043	-0.0027	-4.1237 E-05	2.2005 E-05	3.9748 E-07
	011	0.0023	-0.0085	0.0074	8.273 E-05	2.2063 E-05	-7.4154 E-07
00143	001	0.0035	-0.0006	-0.0491	7.3852 E-06	4.998 E-05	1.7052 E-09
	002	0.0025	0.0000	-0.0057	8.4895 E-08	3.6498 E-05	-1.5202 E-08
	003	0.0102	0.0000	-0.0094	4.3659 E-07	1.4586 E-04	-1.2445 E-07
	004	0.0000	0.0000	-0.0042	-2.7396 E-08	2.0754 E-10	1.9822 E-08
	005	0.0032	0.0000	-0.0033	1.4291 E-08	4.6336 E-05	-4.7148 E-08
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	007	0.0000	-0.0003	0.0000	9.6505 E-07	-8.5234 E-08	3.0812 E-06
	008	0.0015	0.0028	-0.0040	-4.0922 E-05	2.2243 E-05	4.3326 E-08
	009	-0.0031	0.0028	-0.0021	-4.0908 E-05	-4.3686 E-05	1.0076 E-07
	010	0.0015	0.0028	-0.0040	-4.0922 E-05	2.2243 E-05	4.3326 E-08
	011	0.0015	-0.0057	0.0061	8.1819 E-05	2.1513 E-05	-1.4436 E-07
00144	001	0.0070	-0.0012	-0.0535	1.0297 E-05	5.2455 E-05	-4.91 E-08
	002	0.0051	0.0000	-0.0079	8.255 E-07	3.7329 E-05	-5.2516 E-08
	003	0.0205	-0.0002	-0.0183	3.2716 E-06	1.4916 E-04	-2.3496 E-07
	004	0.0000	0.0000	-0.0042	1.1707 E-08	8.7606 E-09	7.8693 E-09
	005	0.0065	0.0000	-0.0061	9.531 E-07	4.7339 E-05	-7.1118 E-08
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	007	-0.0001	0.0001	0.0000	5.8799 E-08	2.3101 E-07	-2.9045 E-07
	008	0.0030	0.0057	0.0015	-4.241 E-05	2.1333 E-05	-4.9275 E-07
	009	-0.0063	0.0058	0.0074	-4.548 E-05	-4.9567 E-05	3.8067 E-07
	010	0.0030	0.0057	0.0015	-4.241 E-05	2.1333 E-05	-4.9275 E-07
	011	0.0032	-0.0115	-0.0089	8.7884 E-05	2.8313 E-05	1.0853 E-07
00145	001	0.0070	-0.0010	-0.0522	5.539 E-06	5.2325 E-05	-7.6492 E-09
	002	0.0051	0.0000	-0.0079	-4.8867 E-07	3.7309 E-05	4.6238 E-08
	003	0.0205	0.0000	-0.0182	-1.9041 E-06	1.4907 E-04	2.2756 E-07
	004	0.0000	0.0000	-0.0042	-1.232 E-08	9.6092 E-09	-1.3357 E-08
	005	0.0065	0.0000	-0.0061	-7.4749 E-07	4.7307 E-05	6.8721 E-08
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	007	0.0000	0.0000	0.0000	-6.9303 E-08	1.6466 E-07	4.649 E-07
	008	0.0032	0.0058	-0.0054	-4.494 E-05	2.6195 E-05	-3.6717 E-07
	009	-0.0061	0.0057	0.0005	-4.1894 E-05	-4.469 E-05	-1.2511 E-06
	010	0.0032	0.0058	-0.0054	-4.494 E-05	2.6195 E-05	-3.6717 E-07
	011	0.0030	-0.0115	0.0049	8.6817 E-05	1.8578 E-05	1.62 E-06
00146	001	0.0069	-0.0011	-0.0433	6.942 E-06	4.8514 E-05	1.6476 E-07
	002	0.0051	0.0000	-0.0014	5.5814 E-07	3.6718 E-05	9.2643 E-08
	003	0.0204	-0.0001	-0.0078	2.2797 E-06	1.4678 E-04	3.2233 E-07
	004	0.0000	0.0000	-0.0042	-1.2284 E-08	-1.0737 E-08	1.4994 E-08
	005	0.0065	0.0000	0.0021	4.9501 E-07	4.653 E-05	9.4924 E-08
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	007	0.0001	-0.0001	0.0000	6.4718 E-09	-1.1817 E-07	-4.3058 E-07
	008	0.0031	0.0057	-0.0015	-4.3543 E-05	2.0998 E-05	6.5875 E-07
	009	-0.0062	0.0057	-0.0073	-4.598 E-05	-4.8764 E-05	4.7104 E-07
	010	0.0031	0.0057	-0.0015	-4.3543 E-05	2.0998 E-05	6.5875 E-07
	011	0.0032	-0.0114	0.0088	8.9509 E-05	2.7839 E-05	-1.129 E-06
00147	001	0.0069	-0.0012	-0.0447	8.9548 E-06	4.8473 E-05	-1.2219 E-07
	002	0.0051	0.0000	-0.0014	-2.2656 E-07	3.6713 E-05	-9.1178 E-08
	003	0.0204	-0.0001	0.0077	-9.3225 E-07	1.4675 E-04	-3.3452 E-07
	004	0.0000	0.0000	-0.0042	1.1521 E-08	-8.3249 E-09	-9.3458 E-09
	005	0.0065	0.0000	0.0021	-3.1608 E-07	4.6536 E-05	-9.7474 E-08
	006	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	007	0.0001	0.0000	0.0000	6.2063 E-08	-1.8028 E-07	3.924 E-07
	008	0.0031	0.0057	0.0054	-4.4079 E-05	2.5223 E-05	3.2323 E-08
	009	-0.0062	0.0057	-0.0005	-4.1582 E-05	-4.4583 E-05	2.2645 E-07
	010	0.0031	0.0057	0.0054	-4.4079 E-05	2.5223 E-05	3.2323 E-08
	011	0.0031	-0.0114	-0.0048	8.5641 E-05	1.9437 E-05	-2.5897 E-07

**LEGENDA:**

**CC** Identificativo della tipologia di carico nella relativa tabella.  
**S<sub>x</sub>, S<sub>y</sub>, S<sub>z</sub>, Θ<sub>x</sub>, Θ<sub>y</sub>, Θ<sub>z</sub>** Le componenti dello spostamento sono relative al sistema di riferimento globale X, Y, Z.

**NODI - SPOSTAMENTI PER EFFETTO DEL SISMA**

Nodo	Di r	Stato Limite Ultimo						Nodi - Spostamenti per effetto del sisma Stato Limite di Danno					
		S <sub>x</sub> [cm]	S <sub>y</sub> [cm]	S <sub>z</sub> [cm]	Θ <sub>x</sub> [rad]	Θ <sub>y</sub> [rad]	Θ <sub>z</sub> [rad]	S <sub>x</sub> [cm]	S <sub>y</sub> [cm]	S <sub>z</sub> [cm]	Θ <sub>x</sub> [rad]	Θ <sub>y</sub> [rad]	Θ <sub>z</sub> [rad]
00001	X	0.057 3	0.001 6	0.045 8	8.491 E-05	5.2529 E-04	1.1136 E-05	0.008 6	0.000 2	0.007 0	1.2653 E-05	7.8953 E-05	1.6632 E-06



Nodi - Spostamenti per effetto del sisma													
Nodo	Dir	Stato Limite Ultimo						Stato Limite di Danno					
		S <sub>x</sub>	S <sub>y</sub>	S <sub>z</sub>	Θ <sub>x</sub>	Θ <sub>y</sub>	Θ <sub>z</sub>	S <sub>x</sub>	S <sub>y</sub>	S <sub>z</sub>	Θ <sub>x</sub>	Θ <sub>y</sub>	Θ <sub>z</sub>
		[cm]	[cm]	[cm]	[rad]	[rad]	[rad]	[cm]	[cm]	[cm]	[rad]	[rad]	[rad]
00001	Y	0.001 5	0.141 2	0.079 6	1.1119 E-03	5.4738 E-05	7.1002 E-06	0.000 3	0.032 3	0.018 2	2.5429 E-04	1.2285 E-05	1.5936 E-06
00001	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00002	X	1.292 9	0.012 3	0.046 9	7.8724 E-05	5.5498 E-04	1.8064 E-04	0.198 3	0.002 0	0.007 2	1.2716 E-05	8.712 E-05	2.8351 E-05
00002	Y	0.227 8	2.344 4	0.088 2	1.3171 E-03	7.3182 E-05	2.8206 E-03	0.053 0	0.541 6	0.020 3	3.048 E-04	1.7047 E-05	6.5601 E-04
00002	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00003	X	0.057 1	0.001 5	0.045 8	8.4793 E-05	5.2349 E-04	1.1449 E-05	0.008 6	0.000 2	0.007 0	1.2751 E-05	7.8689 E-05	1.7092 E-06
00003	Y	0.001 3	0.141 2	0.079 7	1.1122 E-03	5.2722 E-05	6.5684 E-06	0.000 3	0.032 3	0.018 3	2.5438 E-04	1.1784 E-05	1.4771 E-06
00003	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00004	X	1.320 9	0.011 6	0.046 5	6.412 E-05	5.541 E-04	1.405 E-04	0.202 9	0.001 9	0.007 1	1.0384 E-05	8.7204 E-05	2.2221 E-05
00004	Y	0.239 5	2.343 9	0.088 3	1.32 E-03	6.838 E-05	2.9326 E-03	0.055 6	0.541 4	0.020 3	3.0552 E-04	1.5918 E-05	6.8243 E-04
00004	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00005	X	0.056 9	0.001 0	0.020 2	6.7176 E-05	5.1375 E-04	1.0244 E-05	0.008 6	0.000 1	0.003 0	9.9421 E-06	7.7158 E-05	1.532 E-06
00005	Y	0.002 0	0.139 9	0.079 5	1.0872 E-03	1.0036 E-04	1.2086 E-05	0.000 5	0.032 1	0.018 2	2.4884 E-04	2.2803 E-05	2.7422 E-06
00005	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00006	X	1.320 5	0.007 9	0.011 0	2.2775 E-05	5.743 E-04	2.2558 E-04	0.202 9	0.001 2	0.001 6	3.5926 E-06	9.0353 E-05	3.5386 E-05
00006	Y	0.241 0	1.912 2	0.087 0	1.3173 E-03	4.7823 E-05	2.7799 E-03	0.056 0	0.440 4	0.020 0	3.0512 E-04	1.1275 E-05	6.4618 E-04
00006	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00007	X	0.057 1	0.001 3	0.020 4	6.9946 E-05	5.1678 E-04	1.0239 E-05	0.008 6	0.000 2	0.003 0	1.0435 E-05	7.7635 E-05	1.5271 E-06
00007	Y	0.001 6	0.139 9	0.079 0	1.0867 E-03	9.7819 E-05	1.2114 E-05	0.000 4	0.032 1	0.018 1	2.4874 E-04	2.2194 E-05	2.7428 E-06
00007	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00008	X	1.292 5	0.008 8	0.011 5	3.4582 E-05	5.7983 E-04	9.2782 E-05	0.198 3	0.001 4	0.001 7	5.641 E-06	9.0917 E-05	1.4179 E-05
00008	Y	0.228 4	1.912 7	0.086 4	1.3128 E-03	4.7638 E-05	2.8937 E-03	0.053 1	0.440 5	0.019 8	3.0407 E-04	1.1316 E-05	6.7302 E-04
00008	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00009	X	0.000 0	0.000 0	0.046 5	3.1328 E-06	3.8194 E-04	4.1743 E-08	0.000 0	0.000 0	0.007 1	4.4031 E-07	5.7502 E-05	6.2667 E-09
00009	Y	0.000 0	0.000 0	0.082 4	9.7635 E-04	5.5616 E-06	1.1221 E-07	0.000 0	0.000 0	0.018 9	2.2366 E-04	1.289 E-06	2.5414 E-08
00009	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00010	X	0.000 0	0.000 0	0.046 6	2.4483 E-06	3.8355 E-04	5.8339 E-08	0.000 0	0.000 0	0.007 1	4.0647 E-07	5.7741 E-05	8.7621 E-09
00010	Y	0.000 0	0.000 0	0.082 3	9.7617 E-04	2.9531 E-06	1.5114 E-07	0.000 0	0.000 0	0.018 8	2.2362 E-04	6.7993 E-07	3.4239 E-08
00010	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00011	X	0.000 0	0.000 0	0.033 1	2.8327 E-06	3.8024 E-04	6.5391 E-09	0.000 0	0.000 0	0.004 9	3.8657 E-07	5.7257 E-05	9.804 E-10
00011	Y	0.000 0	0.000 0	0.110 2	9.5871 E-04	1.6795 E-05	2.2156 E-08	0.000 0	0.000 0	0.025 2	2.1968 E-04	3.8402 E-06	5.0477 E-09
00011	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00012	X	0.000 0	0.000 0	0.032 9	4.8949 E-06	3.7887 E-04	7.1079 E-09	0.000 0	0.000 0	0.004 9	7.5991 E-07	5.7056 E-05	1.0651 E-09
00012	Y	0.000 0	0.000 0	0.110 7	9.5878 E-04	1.5396 E-05	2.1119 E-08	0.000 0	0.000 0	0.025 4	2.1969 E-04	3.4759 E-06	4.8126 E-09
00012	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00013	X	0.000 0	0.000 0	0.057 7	7.6769 E-06	3.7513 E-04	8.0775 E-09	0.000 0	0.000 0	0.008 8	1.1304 E-06	5.6469 E-05	1.2127 E-09
00013	Y	0.000 0	0.000 0	0.111 7	9.6363 E-04	1.365 E-05	2.1678 E-08	0.000 0	0.000 0	0.025 8	2.2074 E-04	3.1626 E-06	4.91 E-09



Nodi - Spostamenti per effetto del sisma													
Nodo	Dir	Stato Limite Ultimo						Stato Limite di Danno					
		S <sub>x</sub> [cm]	S <sub>y</sub> [cm]	S <sub>z</sub> [cm]	Θ <sub>x</sub> [rad]	Θ <sub>y</sub> [rad]	Θ <sub>z</sub> [rad]	S <sub>x</sub> [cm]	S <sub>y</sub> [cm]	S <sub>z</sub> [cm]	Θ <sub>x</sub> [rad]	Θ <sub>y</sub> [rad]	Θ <sub>z</sub> [rad]
00013	Z	0 0.000 0	0 0.000 0	1 0.000 0	0 E+00	0 E+00	0 E+00	0 0.000 0	0 0.000 0	4 0.000 0	0 E+00	0 E+00	0 E+00
00014	X	0 0.000 0	0 0.000 0	0.057 0.111 0	6.9156 E-06	3.7693 E-04	1.1296 E-08	0 0.000 0	0 0.000 0	0.008 0.025 4	1.0873 E-06	5.6738 E-05	1.6965 E-09
00014	Y	0 0.000 0	0 0.000 0	0.111 0.000 0	9.6341 E-04	1.1155 E-05	2.9143 E-08	0 0.000 0	0 0.000 0	0.025 0.000 0	2.2069 E-04	2.5645 E-06	6.6028 E-09
00014	Z	0 0.000 0	0 0.000 0	0.000 0.000 0	0 E+00	0 E+00	0 E+00	0 0.000 0	0 0.000 0	0.000 0.000 0	0 E+00	0 E+00	0 E+00
00015	X	0 0.000 0	0 0.000 0	0.021 0.081 7	9.4205 E-07	3.8457 E-04	3.3909 E-08	0 0.000 0	0 0.000 0	0.003 0.018 7	1.3283 E-07	5.7902 E-05	5.0821 E-09
00015	Y	0 0.000 0	0 0.000 0	0.081 0.000 0	9.715 E-04	8.0569 E-06	1.1436 E-07	0 0.000 0	0 0.000 0	0.018 0.000 0	2.2261 E-04	1.8404 E-06	2.6058 E-08
00015	Z	0 0.000 0	0 0.000 0	0.000 0.000 0	0 E+00	0 E+00	0 E+00	0 0.000 0	0 0.000 0	0.000 0.000 0	0 E+00	0 E+00	0 E+00
00016	X	0 0.000 0	0 0.000 0	0.021 0.082 2	2.5584 E-06	3.8328 E-04	3.6917 E-08	0 0.000 0	0 0.000 0	0.003 0.018 8	4.1417 E-07	5.7712 E-05	5.5312 E-09
00016	Y	0 0.000 0	0 0.000 0	0.082 0.000 0	9.7151 E-04	6.5968 E-06	1.0947 E-07	0 0.000 0	0 0.000 0	0.018 0.000 0	2.2261 E-04	1.4513 E-06	2.4947 E-08
00016	Z	0 0.000 0	0 0.000 0	0.000 0.000 0	0 E+00	0 E+00	0 E+00	0 0.000 0	0 0.000 0	0.000 0.000 0	0 E+00	0 E+00	0 E+00
00017	X	1.200 0.239 3	0.006 1.816 3	0.008 0.088 6	1.191 E-04	3.9409 E-04	8.2783 E-05	0.183 0.055 6	0.001 0.418 3	0.001 0.020 3	1.8833 E-05	6.0681 E-05	1.2476 E-05
00017	Y	0.239 0.000 0	1.816 0.000 0	0.088 0.000 0	2.7788 E-03	4.6289 E-05	2.897 E-03	0.055 0.000 0	0.418 0.000 0	0.020 0.000 0	6.544 E-04	1.0967 E-05	6.7426 E-04
00017	Z	0.000 0.000 0	0.000 0.000 0	0.000 0.000 0	0 E+00	0 E+00	0 E+00	0.000 0.000 0	0.000 0.000 0	0.000 0.000 0	0 E+00	0 E+00	0 E+00
00018	X	1.200 0.184 7	0.006 1.819 4	0.010 0.037 4	1.191 E-04	4.4286 E-04	8.3675 E-05	0.183 0.042 9	0.001 0.419 0	0.001 0.008 1	1.8833 E-05	6.862 E-05	1.2632 E-05
00018	Y	0.184 0.000 0	1.819 0.000 0	0.037 0.000 0	2.779 E-03	4.7133 E-05	2.8969 E-03	0.042 0.000 0	0.419 0.000 0	0.008 0.000 0	6.5443 E-04	1.119 E-05	6.7424 E-04
00018	Z	0.000 0.000 0	0.000 0.000 0	0.000 0.000 0	0 E+00	0 E+00	0 E+00	0.000 0.000 0	0.000 0.000 0	0.000 0.000 0	0 E+00	0 E+00	0 E+00
00019	X	1.080 0.247 3	0.008 1.538 8	0.019 0.093 1	4.9605 E-05	5.9486 E-04	3.4317 E-04	0.164 0.057 4	0.001 0.353 2	0.003 0.021 3	5.0709 E-06	9.1886 E-05	5.2614 E-05
00019	Y	0.247 0.000 0	1.538 0.000 0	0.093 0.000 0	3.6056 E-03	5.3557 E-05	2.954 E-03	0.057 0.000 0	0.353 0.000 0	0.021 0.000 0	8.3879 E-04	1.2838 E-05	6.8578 E-04
00019	Z	0.000 0.000 0	0.000 0.000 0	0.000 0.000 0	0 E+00	0 E+00	0 E+00	0.000 0.000 0	0.000 0.000 0	0.000 0.000 0	0 E+00	0 E+00	0 E+00
00020	X	1.074 0.191 6	0.008 1.542 0	0.020 0.025 7	4.9624 E-05	6.4237 E-04	3.4048 E-04	0.163 0.044 5	0.001 0.353 9	0.003 0.005 5	5.0722 E-06	9.9274 E-05	5.2194 E-05
00020	Y	0.191 0.000 0	1.542 0.000 0	0.025 0.000 0	3.6057 E-03	5.5377 E-05	2.9539 E-03	0.044 0.000 0	0.353 0.000 0	0.005 0.000 0	8.3882 E-04	1.324 E-05	6.8576 E-04
00020	Z	0.000 0.000 0	0.000 0.000 0	0.000 0.000 0	0 E+00	0 E+00	0 E+00	0.000 0.000 0	0.000 0.000 0	0.000 0.000 0	0 E+00	0 E+00	0 E+00
00021	X	0.941 0.224 8	0.020 1.214 4	0.006 0.086 7	5.5893 E-04	1.8741 E-04	4.5738 E-04	0.142 0.051 8	0.003 0.277 4	0.000 0.019 8	8.933 E-05	2.8856 E-05	7.0832 E-05
00021	Y	0.224 0.000 0	1.214 0.000 0	0.086 0.000 0	3.1359 E-03	1.2137 E-05	2.5516 E-03	0.051 0.000 0	0.277 0.000 0	0.019 0.000 0	7.0366 E-04	2.791 E-06	5.8808 E-04
00021	Z	0.000 0.000 0	0.000 0.000 0	0.000 0.000 0	0 E+00	0 E+00	0 E+00	0.000 0.000 0	0.000 0.000 0	0.000 0.000 0	0 E+00	0 E+00	0 E+00
00022	X	0.933 0.176 7	0.021 1.217 2	0.005 0.028 3	5.5893 E-04	2.3348 E-04	4.5471 E-04	0.141 0.040 7	0.003 0.278 1	0.000 0.006 6	8.933 E-05	3.5611 E-05	7.0441 E-05
00022	Y	0.176 0.000 0	1.217 0.000 0	0.028 0.000 0	3.136 E-03	1.459 E-05	2.5516 E-03	0.040 0.000 0	0.278 0.000 0	0.006 0.000 0	7.0369 E-04	3.2674 E-06	5.8806 E-04
00022	Z	0.000 0.000 0	0.000 0.000 0	0.000 0.000 0	0 E+00	0 E+00	0 E+00	0.000 0.000 0	0.000 0.000 0	0.000 0.000 0	0 E+00	0 E+00	0 E+00
00023	X	0.715 0.182 5	0.018 0.862 2	0.038 0.073 8	8.7392 E-04	8.1994 E-04	2.1094 E-04	0.107 0.041 6	0.002 0.196 2	0.006 0.016 9	1.3329 E-04	1.2414 E-04	3.2348 E-05
00023	Y	0.182 0.000 0	0.862 0.000 0	0.073 0.000 0	3.4752 E-03	2.3788 E-04	1.5543 E-03	0.041 0.000 0	0.196 0.000 0	0.016 0.000 0	7.6844 E-04	5.5095 E-05	3.5249 E-04
00023	Z	0.000 0.000 0	0.000 0.000 0	0.000 0.000 0	0 E+00	0 E+00	0 E+00	0.000 0.000 0	0.000 0.000 0	0.000 0.000 0	0 E+00	0 E+00	0 E+00
00024	X	0.712 0.153 3	0.018 0.863 9	0.056 0.013 3	8.7394 E-04	8.5921 E-04	2.0865 E-04	0.106 0.034 9	0.002 0.196 6	0.008 0.002 6	1.333 E-04	1.2956 E-04	3.2035 E-05
00024	Y	0.153 0.000 0	0.863 0.000 0	0.013 0.000 0	3.4753 E-03	2.3935 E-04	1.5542 E-03	0.034 0.000 0	0.196 0.000 0	0.002 0.000 0	7.6846 E-04	5.5497 E-05	3.5247 E-04
00024	Z	0.000 0.000 0	0.000 0.000 0	0.000 0.000 0	0 E+00	0 E+00	0 E+00	0.000 0.000 0	0.000 0.000 0	0.000 0.000 0	0 E+00	0 E+00	0 E+00
00025	X	0.353 0.082 8	0.002 0.464 4	0.036 0.077 6	2.9733 E-04	6.8656 E-04	2.4299 E-04	0.052 0.018 8	0.000 0.105 8	0.005 0.017 8	4.4344 E-05	1.0313 E-04	3.7158 E-05
00025	Y	0.082 0.000 0	0.464 0.000 0	0.077 0.000 0	3.1184 E-03	1.7183 E-04	6.5653 E-04	0.018 0.000 0	0.105 0.000 0	0.017 0.000 0	7.0815 E-04	3.8833 E-05	1.4881 E-04



Nodi - Spostamenti per effetto del sisma													
Nodo	Di r	Stato Limite Ultimo						Stato Limite di Danno					
		S <sub>x</sub> [cm]	S <sub>y</sub> [cm]	S <sub>z</sub> [cm]	Θ <sub>x</sub> [rad]	Θ <sub>y</sub> [rad]	Θ <sub>z</sub> [rad]	S <sub>x</sub> [cm]	S <sub>y</sub> [cm]	S <sub>z</sub> [cm]	Θ <sub>x</sub> [rad]	Θ <sub>y</sub> [rad]	Θ <sub>z</sub> [rad]
00025	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00026	X	0.348 5	0.002 3	0.043 2	2.9733 E-04	6.8656 E-04	2.4299 E-04	0.052 2	0.000 4	0.006 5	4.4344 E-05	1.0313 E-04	3.7158 E-05
00026	Y	0.070 5	0.465 1	0.018 8	3.1184 E-03	1.7183 E-04	6.5653 E-04	0.016 0	0.105 9	0.004 4	7.0815 E-04	3.8833 E-05	1.4881 E-04
00026	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00027	X	0.354 7	0.005 0	0.013 8	2.4478 E-04	8.1157 E-04	9.7439 E-05	0.053 2	0.000 8	0.001 9	3.6253 E-05	1.2193 E-04	1.4189 E-05
00027	Y	0.082 0	0.511 1	0.099 0	3.0879 E-03	3.2939 E-05	6.0949 E-04	0.018 6	0.116 3	0.022 7	7.015 E-04	6.7099 E-06	1.3829 E-04
00027	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00028	X	0.356 5	0.005 1	0.019 3	2.4478 E-04	8.1157 E-04	9.7439 E-05	0.053 4	0.000 8	0.002 8	3.6253 E-05	1.2193 E-04	1.4189 E-05
00028	Y	0.070 6	0.510 5	0.040 9	3.0879 E-03	3.2939 E-05	6.0949 E-04	0.016 1	0.116 1	0.009 4	7.015 E-04	6.7099 E-06	1.3829 E-04
00028	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00029	X	0.714 0	0.034 1	0.008 9	3.4583 E-03	3.9459 E-04	6.6127 E-05	0.107 2	0.005 3	0.001 4	5.2565 E-04	5.9472 E-05	9.1276 E-06
00029	Y	0.181 4	0.989 3	0.096 4	4.7506 E-03	1.6243 E-04	1.4718 E-03	0.041 3	0.225 1	0.022 1	1.0688 E-03	3.7398 E-05	3.3674 E-04
00029	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00030	X	0.715 3	0.034 2	0.073 6	3.4583 E-03	4.3449 E-04	6.8073 E-05	0.107 4	0.005 3	0.011 2	5.2565 E-04	6.4939 E-05	9.366 E-06
00030	Y	0.154 0	0.987 7	0.010 6	4.7507 E-03	1.6091 E-04	1.4717 E-03	0.035 0	0.224 8	0.002 2	1.0688 E-03	3.6978 E-05	3.3671 E-04
00030	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00031	X	0.944 6	0.012 7	0.010 0	1.5426 E-04	7.2049 E-04	3.3094 E-04	0.142 7	0.002 0	0.001 4	2.3007 E-05	1.104 E-04	4.9837 E-05
00031	Y	0.225 2	1.446 6	0.104 2	4.6619 E-03	2.8856 E-05	2.1171 E-03	0.051 8	0.331 4	0.024 1	1.0755 E-03	6.3155 E-06	4.9035 E-04
00031	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00032	X	0.951 1	0.013 0	0.007 4	1.5427 E-04	7.6736 E-04	3.3362 E-04	0.143 7	0.002 0	0.000 9	2.3006 E-05	1.1728 E-04	5.0229 E-05
00032	Y	0.185 5	1.444 3	0.016 4	4.6621 E-03	3.165 E-05	2.117 E-03	0.042 6	0.330 9	0.003 8	1.0755 E-03	6.8327 E-06	4.9032 E-04
00032	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00033	X	1.081 1	0.004 5	0.029 3	1.5615 E-04	2.9945 E-04	2.9597 E-04	0.164 5	0.000 7	0.004 4	2.4251 E-05	4.6021 E-05	4.5769 E-05
00033	Y	0.247 0	1.826 7	0.088 0	3.1766 E-03	8.5032 E-05	2.9146 E-03	0.057 3	0.420 6	0.020 2	7.4155 E-04	2.0165 E-05	6.7927 E-04
00033	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00034	X	1.086 8	0.004 6	0.026 1	1.5615 E-04	3.4735 E-04	2.9868 E-04	0.165 4	0.000 7	0.003 9	2.425 E-05	5.3483 E-05	4.6191 E-05
00034	Y	0.192 1	1.823 5	0.029 0	3.1768 E-03	8.4105 E-05	2.9145 E-03	0.044 5	0.419 9	0.006 3	7.4159 E-04	1.9877 E-05	6.7925 E-04
00034	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00035	X	1.200 1	0.005 7	0.026 1	4.6265 E-05	4.4525 E-04	1.6683 E-04	0.183 6	0.000 9	0.003 9	2.6627 E-06	6.8632 E-05	2.5951 E-05
00035	Y	0.239 0	2.082 1	0.088 8	2.7366 E-03	6.9387 E-05	2.6504 E-03	0.055 5	0.480 5	0.020 4	6.4515 E-04	1.6182 E-05	6.1648 E-04
00035	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00036	X	1.203 2	0.005 5	0.025 6	4.6309 E-05	4.9417 E-04	1.6946 E-04	0.184 0	0.000 9	0.003 8	2.665 E-06	7.6591 E-05	2.6373 E-05
00036	Y	0.189 1	2.079 2	0.038 7	2.7368 E-03	6.9117 E-05	2.6503 E-03	0.043 9	0.479 9	0.008 3	6.4518 E-04	1.6031 E-05	6.1646 E-04
00036	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00037	X	0.967 5	0.012 9	0.015 4	9.8702 E-06	8.9938 E-04	6.0808 E-04	0.146 3	0.002 0	0.002 2	1.6347 E-06	1.3329 E-04	9.3132 E-05
00037	Y	0.233 4	1.042 3	0.110 5	1.2755 E-03	3.7738 E-04	2.7942 E-03	0.053 8	0.237 6	0.025 6	2.9583 E-04	8.9625 E-05	6.445 E-04
00037	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00



Nodi - Spostamenti per effetto del sisma													
Nodo	Di r	Stato Limite Ultimo						Stato Limite di Danno					
		S <sub>x</sub> [cm]	S <sub>y</sub> [cm]	S <sub>z</sub> [cm]	Θ <sub>x</sub> [rad]	Θ <sub>y</sub> [rad]	Θ <sub>z</sub> [rad]	S <sub>x</sub> [cm]	S <sub>y</sub> [cm]	S <sub>z</sub> [cm]	Θ <sub>x</sub> [rad]	Θ <sub>y</sub> [rad]	Θ <sub>z</sub> [rad]
		0	0	0				0	0	0			
00038	X	0.982 9	0.012 4	0.004 5	1.5901 E-04	1.2504 E-04	1.8277 E-04	0.148 7	0.001 9	0.000 7	2.4666 E-05	9.4476 E-06	2.7515 E-05
00038	Y	0.242 8	1.069 4	0.109 8	1.3195 E-03	4.3417 E-04	2.7717 E-03	0.055 9	0.243 9	0.025 4	3.0658 E-04	1.0321 E-04	6.3915 E-04
00038	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00039	X	0.971 9	0.005 5	0.010 1	6.5061 E-05	9.0739 E-04	6.8699 E-04	0.147 1	0.000 8	0.001 4	9.8829 E-06	1.4339 E-04	1.0487 E-04
00039	Y	0.231 9	1.163 1	0.086 1	2.329 E-03	3.2859 E-04	2.5926 E-03	0.053 4	0.265 7	0.019 8	5.3749 E-04	7.8176 E-05	5.9737 E-04
00039	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00040	X	0.951 0	0.006 0	0.010 5	1.1647 E-05	6.579 E-04	7.5455 E-04	0.143 8	0.000 9	0.001 5	1.8452 E-06	1.0401 E-04	1.1518 E-04
00040	Y	0.222 1	1.163 2	0.085 5	2.3202 E-03	2.9972 E-04	2.6616 E-03	0.051 2	0.265 7	0.019 6	5.3557 E-04	7.1418 E-05	6.1294 E-04
00040	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00041	X	0.757 4	0.003 3	0.045 0	1.8936 E-04	1.6967 E-03	4.1177 E-04	0.113 8	0.000 5	0.006 9	2.8669 E-05	2.5708 E-04	6.1486 E-05
00041	Y	0.180 8	1.098 6	0.085 5	3.3154 E-03	1.8045 E-04	1.8513 E-03	0.041 2	0.250 4	0.019 6	7.6146 E-04	4.1224 E-05	4.2354 E-04
00041	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00042	X	0.763 6	0.003 3	0.044 8	1.6423 E-04	1.775 E-03	3.2155 E-04	0.114 6	0.000 6	0.006 8	2.483 E-05	2.6922 E-04	4.847 E-05
00042	Y	0.186 4	1.098 7	0.085 7	3.3263 E-03	2.0751 E-04	1.9169 E-03	0.042 4	0.250 4	0.019 6	7.6383 E-04	4.7415 E-05	4.3803 E-04
00042	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00043	X	0.362 3	0.010 1	0.018 1	4.0365 E-04	2.3785 E-03	2.7181 E-04	0.054 3	0.001 6	0.002 6	6.0151 E-05	3.5655 E-04	4.1346 E-05
00043	Y	0.082 3	0.440 1	0.081 8	3.126 E-03	6.0622 E-04	8.8724 E-04	0.018 7	0.100 3	0.018 7	7.0984 E-04	1.3762 E-04	2.0174 E-04
00043	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00044	X	0.362 8	0.011 7	0.017 8	3.6767 E-04	2.4343 E-03	2.7549 E-04	0.054 3	0.001 8	0.002 6	5.4919 E-05	3.6447 E-04	4.1275 E-05
00044	Y	0.084 6	0.440 0	0.082 3	3.1219 E-03	6.34 E-04	8.534 E-04	0.019 2	0.100 2	0.018 9	7.0892 E-04	1.4378 E-04	1.9454 E-04
00044	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00045	X	0.366 2	0.002 1	0.045 9	3.4275 E-04	2.5834 E-03	1.7598 E-04	0.054 8	0.000 4	0.007 0	5.1617 E-05	3.8701 E-04	2.6726 E-05
00045	Y	0.083 5	0.533 5	0.083 4	3.0821 E-03	3.5508 E-04	8.4756 E-04	0.019 0	0.121 4	0.019 1	7.0032 E-04	8.0737 E-05	1.9271 E-04
00045	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00046	X	0.365 9	0.001 6	0.046 0	3.5051 E-04	2.5415 E-03	2.0048 E-04	0.054 9	0.000 2	0.007 0	5.1974 E-05	3.8108 E-04	2.9846 E-05
00046	Y	0.081 4	0.533 6	0.083 2	3.0837 E-03	3.3087 E-04	8.1898 E-04	0.018 5	0.121 4	0.019 1	7.006 E-04	7.5339 E-05	1.8644 E-04
00046	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00047	X	0.722 5	0.006 1	0.014 7	3.2772 E-04	2.1903 E-03	3.7816 E-04	0.108 5	0.000 9	0.002 1	5.0006 E-05	3.321 E-04	5.7275 E-05
00047	Y	0.178 4	0.800 8	0.084 2	2.408 E-03	6.9716 E-04	1.9557 E-03	0.040 6	0.182 4	0.019 3	5.5051 E-04	1.6094 E-04	4.4492 E-04
00047	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00048	X	0.726 9	0.004 0	0.014 4	3.2499 E-04	2.2226 E-03	4.118 E-04	0.109 1	0.000 6	0.002 1	4.9674 E-05	3.3718 E-04	6.1472 E-05
00048	Y	0.184 3	0.800 4	0.084 7	2.4037 E-03	7.2741 E-04	1.8717 E-03	0.041 9	0.182 3	0.019 4	5.4949 E-04	1.6778 E-04	4.2712 E-04
00048	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00049	X	0.964 7	0.010 9	0.045 6	2.5113 E-05	1.4781 E-03	1.036 E-04	0.145 9	0.001 7	0.007 0	3.48 E-06	2.3091 E-04	1.427 E-05
00049	Y	0.228 1	1.508 3	0.086 5	4.0028 E-03	3.4925 E-04	2.4038 E-03	0.052 5	0.345 9	0.019 9	9.357 E-04	8.3232 E-05	5.5657 E-04
00049	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00



Nodo	Dir	Stato Limite Ultimo									Nodi - Spostamenti per effetto del sisma		
		Stato Limite di Danno			Stato Limite di Danno			Stato Limite di Danno			Stato Limite di Danno		
		S <sub>x</sub>	S <sub>y</sub>	S <sub>z</sub>	Θ <sub>x</sub>	Θ <sub>y</sub>	Θ <sub>z</sub>	S <sub>x</sub>	S <sub>y</sub>	S <sub>z</sub>	Θ <sub>x</sub>	Θ <sub>y</sub>	Θ <sub>z</sub>
		[cm]	[cm]	[cm]	[rad]	[rad]	[rad]	[cm]	[cm]	[cm]	[rad]	[rad]	[rad]
00050	X	0.948 9	0.006 3	0.045 9	8.3521 E-05	1.3933 E-03	2.3361 E-04	0.143 4	0.001 0	0.007 0	1.388 E-05	2.1683 E-04	3.4981 E-05
00050	Y	0.219 7	1.508 1	0.086 4	4.0065 E-03	3.2335 E-04	2.2425 E-03	0.050 6	0.345 8	0.019 8	9.365 E-04	7.7177 E-05	5.1978 E-04
00050	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00051	X	1.081 6	0.009 6	0.011 0	5.0867 E-05	1.1386 E-03	5.7578 E-04	0.164 6	0.001 5	0.001 6	8.2257 E-06	1.7935 E-04	8.8091 E-05
00051	Y	0.237 6	1.445 1	0.085 8	2.6413 E-03	8.3844 E-05	2.9499 E-03	0.055 1	0.331 3	0.019 7	6.158 E-04	1.7175 E-05	6.8403 E-04
00051	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00052	X	1.084 8	0.010 0	0.046 5	2.0121 E-04	7.2683 E-04	3.0714 E-04	0.165 1	0.001 6	0.007 1	3.2317 E-05	1.1529 E-04	4.7741 E-05
00052	Y	0.236 8	1.909 8	0.087 6	2.1653 E-03	2.1242 E-04	3.0164 E-03	0.054 9	0.440 1	0.020 1	5.0533 E-04	4.9144 E-05	7.0322 E-04
00052	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00053	X	1.112 0	0.017 2	0.010 6	5.7196 E-05	1.1353 E-03	5.7918 E-04	0.169 4	0.002 6	0.001 5	9.2962 E-06	1.7963 E-04	8.9168 E-05
00053	Y	0.249 4	1.445 1	0.086 4	2.6367 E-03	8.9375 E-05	2.7598 E-03	0.057 8	0.331 3	0.019 8	6.1468 E-04	1.8621 E-05	6.398 E-04
00053	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00054	X	1.114 1	0.009 3	0.046 2	1.6263 E-04	7.851 E-04	8.195 E-05	0.169 7	0.001 5	0.007 1	2.57 E-05	1.2489 E-04	1.1845 E-05
00054	Y	0.247 1	1.909 1	0.087 7	2.1577 E-03	2.1161 E-04	3.1694 E-03	0.057 3	0.440 0	0.020 1	5.0358 E-04	4.8976 E-05	7.3889 E-04
00054	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00055	X	1.201 8	0.008 3	0.011 4	1.422 E-04	7.2169 E-04	8.7056 E-05	0.183 9	0.001 3	0.001 6	2.2443 E-05	1.1433 E-04	1.2312 E-05
00055	Y	0.229 9	1.722 4	0.086 3	1.652 E-03	5.9171 E-05	2.987 E-03	0.053 4	0.396 2	0.019 8	3.8448 E-04	1.4063 E-05	6.9445 E-04
00055	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00056	X	1.230 9	0.007 1	0.010 9	1.2528 E-04	7.2026 E-04	2.2611 E-04	0.188 6	0.001 1	0.001 6	1.9858 E-05	1.1451 E-04	3.5002 E-05
00056	Y	0.242 5	1.721 5	0.086 9	1.6491 E-03	6.2557 E-05	2.7876 E-03	0.056 3	0.396 0	0.020 0	3.8381 E-04	1.4776 E-05	6.4743 E-04
00056	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00057	X	1.231 3	0.010 9	0.046 4	1.9324 E-05	7.7979 E-04	1.3174 E-04	0.188 6	0.001 7	0.007 1	3.1207 E-06	1.2378 E-04	2.0777 E-05
00057	Y	0.240 9	2.155 7	0.088 2	1.5818 E-03	1.0679 E-04	2.9774 E-03	0.055 9	0.497 7	0.020 3	3.6798 E-04	2.458 E-05	6.9304 E-04
00057	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00058	X	1.202 5	0.011 0	0.046 8	3.6149 E-05	7.9073 E-04	1.797 E-04	0.184 0	0.001 7	0.007 2	5.9503 E-06	1.2508 E-04	2.8038 E-05
00058	Y	0.229 9	2.156 5	0.088 1	1.5802 E-03	1.0922 E-04	2.7845 E-03	0.053 4	0.497 9	0.020 2	3.6763 E-04	2.5054 E-05	6.4751 E-04
00058	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00059	X	0.753 5	0.014 2	0.027 0	1.2543 E-04	1.2962 E-03	6.4992 E-05	0.113 2	0.002 1	0.003 9	2.118 E-05	1.965 E-04	9.5437 E-06
00059	Y	0.186 7	1.572 8	0.113 5	1.3927 E-03	2.0134 E-04	2.2892 E-03	0.042 4	0.358 3	0.027 4	3.3626 E-04	4.9402 E-05	5.2061 E-04
00059	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00060	X	0.760 0	0.014 2	0.038 6	7.3771 E-05	1.4079 E-03	5.4548 E-05	0.114 1	0.002 1	0.006 1	1.2948 E-05	2.1613 E-04	8.0704 E-06
00060	Y	0.192 0	1.567 2	0.113 6	1.3934 E-03	2.0678 E-04	2.2904 E-03	0.043 6	0.357 0	0.027 5	3.3641 E-04	5.0909 E-05	5.2089 E-04
00060	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00061	X	1.108 3	0.048 7	0.042 2	8.1664 E-05	3.9666 E-04	1.5974 E-04	0.168 8	0.007 8	0.006 7	1.4224 E-05	6.186 E-05	2.5418 E-05
00061	Y	0.258 5	2.773 2	0.113 8	1.3794 E-03	1.1428 E-04	3.6629 E-03	0.059 9	0.644 5	0.027 5	3.3323 E-04	2.1198 E-05	8.5647 E-04
00061	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00062	X	1.078	0.049	0.030	7.1272 E-05	4.7376 E-04	2.335 E-04	0.164	0.007	0.004	1.2502 E-05	7.5805 E-05	3.7085 E-05



Nodi - Spostamenti per effetto del sisma													
Nodo	Di r	Stato Limite Ultimo						Stato Limite di Danno					
		S <sub>x</sub> [cm]	S <sub>y</sub> [cm]	S <sub>z</sub> [cm]	Θ <sub>x</sub> [rad]	Θ <sub>y</sub> [rad]	Θ <sub>z</sub> [rad]	S <sub>x</sub> [cm]	S <sub>y</sub> [cm]	S <sub>z</sub> [cm]	Θ <sub>x</sub> [rad]	Θ <sub>y</sub> [rad]	Θ <sub>z</sub> [rad]
00062	Y	0.247 7	2.782 2	0.113 7	1.3794 E-03	1.1475 E-04	3.6283 E-03	0.057 4	0.646 6	0.027 5	3.3324 E-04	2.0907 E-05	8.4822 E-04
00062	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00063	X	0.741 4	0.008 9	0.030 7	1.9118 E-04	9.3777 E-04	4.5724 E-05	0.111 4	0.001 3	0.004 8	2.8279 E-05	1.4394 E-04	6.9249 E-06
00063	Y	0.186 5	1.330 2	0.097 4	1.2263 E-03	1.4481 E-04	2.303 E-03	0.042 4	0.303 1	0.022 9	2.8742 E-04	3.469 E-05	5.2364 E-04
00063	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00064	X	0.748 2	0.008 0	0.035 7	1.2936 E-04	7.8863 E-04	7.1808 E-05	0.112 3	0.001 2	0.005 4	2.0491 E-05	1.1925 E-04	1.0533 E-05
00064	Y	0.191 8	1.330 2	0.097 2	1.2249 E-03	1.4756 E-04	2.2992 E-03	0.043 6	0.303 1	0.022 9	2.8714 E-04	3.5487 E-05	5.228 E-04
00064	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00065	X	1.078 8	0.028 6	0.072 2	3.2684 E-05	1.9343 E-04	1.6254 E-04	0.164 1	0.004 6	0.011 2	5.6817 E-06	3.0992 E-05	2.6127 E-05
00065	Y	0.245 9	2.344 6	0.110 0	1.3412 E-03	1.1353 E-04	4.1548 E-03	0.057 0	0.543 2	0.025 8	3.1436 E-04	2.7048 E-05	9.7543 E-04
00065	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00066	X	1.108 9	0.028 5	0.077 0	3.3271 E-05	1.3373 E-04	2.2534 E-04	0.168 9	0.004 5	0.012 1	5.7708 E-06	2.0054 E-05	3.6071 E-05
00066	Y	0.256 9	2.344 6	0.110 0	1.3406 E-03	1.1465 E-04	4.1171 E-03	0.059 5	0.543 2	0.025 8	3.1421 E-04	2.7333 E-05	9.6664 E-04
00066	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00067	X	0.018 2	0.000 0	0.046 8	1.259 E-06	3.9065 E-04	7.2476 E-07	0.002 7	0.000 0	0.007 1	1.6182 E-07	5.881 E-05	1.0751 E-07
00067	Y	0.000 1	0.046 1	0.082 7	9.9025 E-04	3.8796 E-06	1.3963 E-06	0.000 0	0.010 6	0.018 9	2.2683 E-04	8.7287 E-07	3.1573 E-07
00067	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00068	X	0.036 7	0.000 1	0.047 2	1.0103 E-05	4.0388 E-04	2.4569 E-06	0.005 5	0.000 0	0.007 2	1.4834 E-06	6.0801 E-05	3.6583 E-07
00068	Y	0.000 3	0.092 7	0.083 3	1.0077 E-03	1.1979 E-05	4.1129 E-06	0.000 1	0.021 2	0.019 1	2.308 E-04	2.717 E-06	9.2442 E-07
00068	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00069	X	0.055 3	0.000 8	0.029 6	1.9306 E-05	3.9481 E-04	1.4904 E-05	0.008 3	0.000 1	0.004 5	2.8577 E-06	5.9454 E-05	2.2214 E-06
00069	Y	0.000 9	0.140 5	0.082 7	1.031 E-03	2.0683 E-05	1.1423 E-05	0.000 2	0.032 2	0.018 9	2.3607 E-04	4.704 E-06	2.4999 E-06
00069	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00070	X	0.055 0	0.000 2	0.012 6	1.3863 E-06	3.8387 E-04	1.4062 E-05	0.008 3	0.000 0	0.002 0	1.8969 E-07	5.78 E-05	2.0958 E-06
00070	Y	0.000 3	0.140 0	0.082 1	1.019 E-03	3.3387 E-06	1.1578 E-05	0.000 1	0.032 1	0.018 8	2.3339 E-04	7.4423 E-07	2.506 E-06
00070	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00071	X	0.055 2	0.000 5	0.004 8	1.2597 E-05	3.8922 E-04	1.7004 E-05	0.008 3	0.000 1	0.000 6	1.9008 E-06	5.8586 E-05	2.532 E-06
00071	Y	0.000 3	0.139 8	0.082 2	1.0205 E-03	9.6853 E-06	1.6625 E-06	0.000 1	0.032 0	0.018 8	2.3375 E-04	2.2263 E-06	2.7347 E-07
00071	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00072	X	0.036 7	0.000 2	0.022 0	6.8785 E-06	4.0213 E-04	3.8541 E-06	0.005 5	0.000 0	0.003 2	1.0525 E-06	6.0521 E-05	5.7635 E-07
00072	Y	0.000 1	0.092 0	0.082 6	9.9698 E-04	1.1264 E-05	4.6637 E-06	0.000 0	0.021 1	0.018 9	2.2843 E-04	2.574 E-06	1.059 E-06
00072	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00073	X	0.018 2	0.000 0	0.021 9	1.2829 E-06	3.9062 E-04	2.2049 E-07	0.002 7	0.000 0	0.003 2	2.2026 E-07	5.8806 E-05	3.3305 E-08
00073	Y	0.000 2	0.045 8	0.082 1	9.8228 E-04	7.0135 E-07	3.343 E-07	0.000 0	0.010 5	0.018 8	2.2508 E-04	1.2362 E-07	7.0771 E-08
00073	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00074	X	0.000 0	0.000 0	0.058 0	9.0641 E-07	3.7861 E-04	6.1728 E-10	0.000 0	0.000 0	0.008 8	1.2526 E-07	5.6995 E-05	9.814 E-11



Nodi - Spostamenti per effetto del sisma													
Nodo	Dir	Stato Limite Ultimo						Stato Limite di Danno					
		S <sub>x</sub>	S <sub>y</sub>	S <sub>z</sub>	Θ <sub>x</sub>	Θ <sub>y</sub>	Θ <sub>z</sub>	S <sub>x</sub>	S <sub>y</sub>	S <sub>z</sub>	Θ <sub>x</sub>	Θ <sub>y</sub>	Θ <sub>z</sub>
		[cm]	[cm]	[cm]	[rad]	[rad]	[rad]	[cm]	[cm]	[cm]	[rad]	[rad]	[rad]
00074	Y	0.000 0	0.000 0	0.066 9	9.7627 E-04	7.1509 E-06	4.3922 E-09	0.000 0	0.000 0	0.015 3	2.2364 E-04	1.6401 E-06	9.812 E-10
00074	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00075	X	0.000 0	0.000 0	0.057 9	2.6994 E-06	3.7968 E-04	9.5542 E-10	0.000 0	0.000 0	0.008 8	3.7 E-07	5.716 E-05	1.3859 E-10
00075	Y	0.000 0	0.000 0	0.022 3	9.82 E-04	1.2371 E-06	9.3527 E-10	0.000 0	0.000 0	0.005 1	2.2495 E-04	2.7221 E-07	2.1426 E-10
00075	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00076	X	0.000 0	0.000 0	0.057 9	1.1802 E-06	3.79 E-04	1.115 E-09	0.000 0	0.000 0	0.008 8	2.0514 E-07	5.7059 E-05	1.653 E-10
00076	Y	0.000 0	0.000 0	0.022 4	9.8203 E-04	3.5736 E-06	1.8519 E-09	0.000 0	0.000 0	0.005 1	2.2496 E-04	8.3084 E-07	4.2143 E-10
00076	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00077	X	0.000 0	0.000 0	0.057 9	1.0284 E-06	3.7702 E-04	1.5338 E-10	0.000 0	0.000 0	0.008 8	1.371 E-07	5.6756 E-05	2.0622 E-11
00077	Y	0.000 0	0.000 0	0.067 0	9.7662 E-04	9.6777 E-06	1.7067 E-09	0.000 0	0.000 0	0.015 3	2.2372 E-04	2.2447 E-06	3.8265 E-10
00077	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00078	X	0.000 0	0.000 0	0.039 7	5.3338 E-06	3.8159 E-04	3.9175 E-10	0.000 0	0.000 0	0.006 1	7.7435 E-07	5.7453 E-05	6.0692 E-11
00078	Y	0.000 0	0.000 0	0.111 5	9.6671 E-04	2.5544 E-06	3.6143 E-09	0.000 0	0.000 0	0.025 5	2.2146 E-04	4.6402 E-07	8.3221 E-10
00078	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00079	X	0.000 0	0.000 0	0.021 6	1.6465 E-06	3.8268 E-04	1.2229 E-09	0.000 0	0.000 0	0.003 3	2.2014 E-07	5.7623 E-05	1.9591 E-10
00079	Y	0.000 0	0.000 0	0.111 3	9.6816 E-04	5.0506 E-06	1.6834 E-08	0.000 0	0.000 0	0.025 5	2.2181 E-04	1.0361 E-06	3.7933 E-09
00079	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00080	X	0.000 0	0.000 0	0.003 7	1.5388 E-06	3.8278 E-04	2.7883 E-09	0.000 0	0.000 0	0.000 6	2.5985 E-07	5.7637 E-05	4.3993 E-10
00080	Y	0.000 0	0.000 0	0.111 2	9.6659 E-04	2.7828 E-06	7.6873 E-09	0.000 0	0.000 0	0.025 5	2.2146 E-04	5.0899 E-07	1.6952 E-09
00080	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00081	X	0.000 0	0.000 0	0.014 8	3.7657 E-06	3.8226 E-04	1.7559 E-09	0.000 0	0.000 0	0.002 2	5.9366 E-07	5.7558 E-05	2.6336 E-10
00081	Y	0.000 0	0.000 0	0.111 2	9.6307 E-04	3.7022 E-06	5.8957 E-10	0.000 0	0.000 0	0.025 5	2.2067 E-04	7.5434 E-07	1.363 E-10
00081	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00082	X	0.000 0	0.000 0	0.033 0	1.1652 E-06	3.797 E-04	5.4109 E-10	0.000 0	0.000 0	0.004 9	1.9944 E-07	5.7177 E-05	7.3385 E-11
00082	Y	0.000 0	0.000 0	0.066 8	9.7127 E-04	1.035 E-05	1.8669 E-09	0.000 0	0.000 0	0.015 3	2.2256 E-04	2.3259 E-06	4.3313 E-10
00082	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00083	X	0.000 0	0.000 0	0.033 0	9.4465 E-07	3.8018 E-04	5.0471 E-10	0.000 0	0.000 0	0.004 9	1.5827 E-07	5.7244 E-05	7.976 E-11
00083	Y	0.000 0	0.000 0	0.022 5	9.7597 E-04	2.7612 E-06	1.2175 E-09	0.000 0	0.000 0	0.005 2	2.2365 E-04	5.9457 E-07	2.6073 E-10
00083	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00084	X	0.000 0	0.000 0	0.033 1	2.7852 E-06	3.8064 E-04	7.7162 E-10	0.000 0	0.000 0	0.004 9	4.4742 E-07	5.7311 E-05	1.2189 E-10
00084	Y	0.000 0	0.000 0	0.022 0	9.7607 E-04	3.9727 E-06	3.3908 E-09	0.000 0	0.000 0	0.005 0	2.2367 E-04	9.2015 E-07	7.4649 E-10
00084	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00085	X	0.000 0	0.000 0	0.033 2	1.8418 E-06	3.8081 E-04	2.6659 E-10	0.000 0	0.000 0	0.004 9	3.0675 E-07	5.734 E-05	1.8089 E-11
00085	Y	0.000 0	0.000 0	0.066 3	9.7112 E-04	1.1737 E-05	1.423 E-09	0.000 0	0.000 0	0.015 2	2.2253 E-04	2.6888 E-06	2.606 E-10
00085	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00086	X	0.000 0	0.000 0	0.015 1	1.9502 E-06	3.8389 E-04	1.6819 E-09	0.000 0	0.000 0	0.002 2	2.5906 E-07	5.7798 E-05	2.5298 E-10
00086	Y	0.000 0	0.000 0	0.110	9.6288 E-04	4.5771 E-06	1.7614 E-09	0.000	0.000	0.025	2.2063 E-04	1.0311 E-06	4.0369 E-10



Nodi - Spostamenti per effetto del sisma													
Nodo	Dir	Stato Limite Ultimo						Stato Limite di Danno					
		S <sub>x</sub> [cm]	S <sub>y</sub> [cm]	S <sub>z</sub> [cm]	Θ <sub>x</sub> [rad]	Θ <sub>y</sub> [rad]	Θ <sub>z</sub> [rad]	S <sub>x</sub> [cm]	S <sub>y</sub> [cm]	S <sub>z</sub> [cm]	Θ <sub>x</sub> [rad]	Θ <sub>y</sub> [rad]	Θ <sub>z</sub> [rad]
00086	Z	0 0.000 0	0 0.000 0	7 0.000 0	0 E+00	0 E+00	0 E+00	0 0.000 0	0 0.000 0	4 0.000 0	0 E+00	0 E+00	0 E+00
00087	X	0 0.000 0	0 0.000 0	0.003 0.110 6	8.52 E-07	3.8463 E-04	2.5365 E-09	0 0.000 0	0 0.000 0	0.000 0.025 6	1.314 E-07	5.7909 E-05	3.9375 E-10
00087	Y	0 0.000 0	0 0.000 0	0.110 0.000 9	9.6611 E-04	2.9214 E-06	2.4409 E-09	0 0.000 0	0 0.000 0	0.025 0.000 4	2.2135 E-04	6.2871 E-07	4.8605 E-10
00087	Z	0 0.000 0	0 0.000 0	0.000 0.000 0	0 E+00	0 E+00	0 E+00	0 0.000 0	0 0.000 0	0.000 0.000 0	0 E+00	0 E+00	0 E+00
00088	X	0 0.000 0	0 0.000 0	0.021 0.111 6	1.7852 E-06	3.8463 E-04	2.0049 E-09	0 0.000 0	0 0.000 0	0.003 0.025 3	3.0162 E-07	5.7911 E-05	2.9893 E-10
00088	Y	0 0.000 0	0 0.000 0	0.111 0.000 1	9.6768 E-04	6.6167 E-06	1.4632 E-08	0 0.000 0	0 0.000 0	0.025 0.000 4	2.217 E-04	1.4769 E-06	3.2979 E-09
00088	Z	0 0.000 0	0 0.000 0	0.000 0.000 0	0 E+00	0 E+00	0 E+00	0 0.000 0	0 0.000 0	0.000 0.000 0	0 E+00	0 E+00	0 E+00
00089	X	0 0.000 0	0 0.000 0	0.039 0.111 8	4.7511 E-06	3.8349 E-04	3.8337 E-09	0 0.000 0	0 0.000 0	0.006 0.025 1	7.5679 E-07	5.7734 E-05	5.9148 E-10
00089	Y	0 0.000 0	0 0.000 0	0.111 0.000 3	9.6645 E-04	2.9171 E-06	5.2547 E-09	0 0.000 0	0 0.000 0	0.025 0.000 5	2.214 E-04	6.2927 E-07	1.2102 E-09
00089	Z	0 0.000 0	0 0.000 0	0.000 0.000 0	0 E+00	0 E+00	0 E+00	0 0.000 0	0 0.000 0	0.000 0.000 0	0 E+00	0 E+00	0 E+00
00090	X	0.018 1	0.000 1	0.021 7	1.3955 E-06	3.8929 E-04	2.059 E-07	0.002 7	0.000 0	0.003 2	2.3666 E-07	5.861 E-05	3.1732 E-08
00090	Y	0.000 1	0.045 8	0.082 6	9.823 E-04	2.6854 E-06	5.3603 E-07	0.000 0	0.010 5	0.018 9	2.2508 E-04	5.7742 E-07	1.1829 E-07
00090	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00091	X	0.036 5	0.000 1	0.021 8	4.6554 E-06	4.0058 E-04	4.0145 E-06	0.005 5	0.000 0	0.003 2	6.5095 E-07	6.029 E-05	6.0146 E-07
00091	Y	0.000 2	0.092 0	0.083 1	9.9707 E-04	1.3532 E-05	4.8201 E-06	0.000 1	0.021 1	0.019 1	2.2845 E-04	3.121 E-06	1.0968 E-06
00091	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00092	X	0.056 5	0.000 2	0.021 7	5.2162 E-06	4.3023 E-04	8.6335 E-06	0.008 5	0.000 0	0.003 2	7.3277 E-07	6.4709 E-05	1.2861 E-06
00092	Y	0.001 0	0.138 5	0.041 6	9.9428 E-04	2.4033 E-05	2.327 E-05	0.000 2	0.031 7	0.009 5	2.2784 E-04	5.4971 E-06	5.3311 E-06
00092	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00093	X	0.056 3	0.000 2	0.021 6	1.4922 E-06	4.1825 E-04	1.7502 E-06	0.008 5	0.000 0	0.003 2	2.5261 E-07	6.2927 E-05	2.613 E-07
00093	Y	0.000 2	0.138 3	0.000 3	9.8715 E-04	1.5474 E-06	1.9272 E-05	0.000 0	0.031 7	0.000 1	2.2622 E-04	3.5587 E-07	4.4275 E-06
00093	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00094	X	0.056 6	0.000 5	0.021 8	7.6238 E-06	4.3165 E-04	1.1701 E-05	0.008 5	0.000 1	0.003 2	1.1616 E-06	6.4926 E-05	1.7459 E-06
00094	Y	0.000 7	0.138 5	0.041 1	9.942 E-04	2.1742 E-05	2.313 E-05	0.000 2	0.031 7	0.009 4	2.2782 E-04	4.9391 E-06	5.2994 E-06
00094	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00095	X	0.018 1	0.000 1	0.046 8	9.7202 E-07	3.9007 E-04	2.4586 E-07	0.002 7	0.000 0	0.007 1	1.317 E-07	5.8728 E-05	3.6955 E-08
00095	Y	0.000 1	0.046 1	0.082 8	9.8872 E-04	3.2238 E-06	1.2383 E-06	0.000 0	0.010 6	0.019 0	2.2649 E-04	6.4082 E-07	2.7992 E-07
00095	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00096	X	0.036 6	0.000 1	0.047 1	8.7741 E-06	4.0204 E-04	3.2482 E-06	0.005 5	0.000 0	0.007 2	1.3625 E-06	6.0528 E-05	4.8286 E-07
00096	Y	0.000 2	0.092 7	0.083 4	1.0054 E-03	9.961 E-06	4.0141 E-06	0.000 0	0.021 2	0.019 1	2.3029 E-04	2.1992 E-06	9.0476 E-07
00096	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00097	X	0.056 7	0.000 4	0.046 8	1.0889 E-05	4.3498 E-04	9.434 E-06	0.008 5	0.000 1	0.007 1	1.6829 E-06	6.5453 E-05	1.4148 E-06
00097	Y	0.000 7	0.139 5	0.041 6	9.991 E-04	1.4953 E-05	1.7843 E-05	0.000 1	0.032 0	0.009 5	2.2886 E-04	3.3215 E-06	3.9552 E-06
00097	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00098	X	0.056 5	0.000 1	0.046 6	8.4225 E-07	4.212 E-04	1.0943 E-06	0.008 5	0.000 0	0.007 1	1.2641 E-07	6.3389 E-05	1.6037 E-07
00098	Y	0.000 2	0.139 2	0.000 1	9.9073 E-04	1.1933 E-06	1.6445 E-05	0.000 0	0.031 9	0.000 0	2.2697 E-04	2.5922 E-07	3.6316 E-06



Nodo	Di r	Stato Limite Ultimo						Stato Limite di Danno					
		$S_x$	$S_y$	$S_z$	$\Theta_x$	$\Theta_y$	$\Theta_z$	$S_x$	$S_y$	$S_z$	$\Theta_x$	$\Theta_y$	$\Theta_z$
		[cm]	[cm]	[cm]	[rad]	[rad]	[rad]	[cm]	[cm]	[cm]	[rad]	[rad]	[rad]
00098	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00099	X	0.056 8	0.000 5	0.046 8	1.2146 E-05	4.3491 E-04	1.2031 E-05	0.008 6	0.000 1	0.007 1	1.7962 E-06	6.544 E-05	1.7978 E-06
00099	Y	0.000 8	0.139 5	0.041 5	9.9963 E-04	1.5268 E-05	1.8391 E-05	0.000 2	0.032 0	0.009 5	2.2898 E-04	3.4509 E-06	4.0774 E-06
00099	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00100	X	0.055 2	0.000 7	0.029 6	1.9227 E-05	3.9347 E-04	1.2509 E-05	0.008 3	0.000 1	0.004 5	2.9311 E-06	5.926 E-05	1.8734 E-06
00100	Y	0.000 7	0.140 5	0.082 9	1.031 E-03	1.8929 E-05	1.1402 E-05	0.000 1	0.032 2	0.019 0	2.3606 E-04	4.2523 E-06	2.494 E-06
00100	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00101	X	0.054 8	0.000 3	0.012 7	2.1082 E-06	3.8244 E-04	1.0908 E-05	0.008 3	0.000 0	0.002 0	3.5974 E-07	5.759 E-05	1.6358 E-06
00101	Y	0.000 3	0.140 0	0.082 4	1.0189 E-03	2.5127 E-06	1.1479 E-05	0.000 1	0.032 1	0.018 9	2.3336 E-04	4.6516 E-07	2.484 E-06
00101	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00102	X	0.055 0	0.000 3	0.004 6	1.0712 E-05	3.8764 E-04	1.4447 E-05	0.008 3	0.000 0	0.000 6	1.5435 E-06	5.8354 E-05	2.1583 E-06
00102	Y	0.000 7	0.139 8	0.082 6	1.0206 E-03	1.1933 E-05	1.6553 E-06	0.000 1	0.032 0	0.018 9	2.3376 E-04	2.7672 E-06	2.7551 E-07
00102	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00103	X	0.000 0	0.000 0	0.046 5	1.108 E-06	3.8314 E-04	1.9105 E-08	0.000 0	0.000 0	0.007 1	1.9277 E-07	5.7688 E-05	2.8466 E-09
00103	Y	0.000 0	0.000 0	0.041 3	9.8454 E-04	2.1541 E-06	2.5242 E-08	0.000 0	0.000 0	0.009 5	2.2554 E-04	4.7661 E-07	5.7552 E-09
00103	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00104	X	0.000 0	0.000 0	0.046 5	8.4711 E-07	3.8473 E-04	3.0404 E-10	0.000 0	0.000 0	0.007 1	1.3303 E-07	5.793 E-05	2.8157 E-11
00104	Y	0.000 0	0.000 0	0.000 1	9.8523 E-04	1.4915 E-06	5.334 E-09	0.000 0	0.000 0	0.000 0	2.2569 E-04	3.4243 E-07	1.1983 E-09
00104	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00105	X	0.000 0	0.000 0	0.046 5	1.7708 E-06	3.8518 E-04	1.6792 E-08	0.000 0	0.000 0	0.007 1	2.3495 E-07	5.7995 E-05	2.4197 E-09
00105	Y	0.000 0	0.000 0	0.041 2	9.8476 E-04	1.3226 E-06	1.062 E-08	0.000 0	0.000 0	0.009 4	2.2559 E-04	3.0522 E-07	2.347 E-09
00105	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00106	X	0.000 0	0.000 0	0.029 6	1.0988 E-06	3.8646 E-04	2.2199 E-08	0.000 0	0.000 0	0.004 5	1.4243 E-07	5.8189 E-05	3.455 E-09
00106	Y	0.000 0	0.000 0	0.082 3	9.7804 E-04	3.1485 E-06	8.8587 E-08	0.000 0	0.000 0	0.018 9	2.2406 E-04	6.2255 E-07	2.0231 E-08
00106	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00107	X	0.000 0	0.000 0	0.012 6	1.8942 E-06	3.8685 E-04	3.1977 E-08	0.000 0	0.000 0	0.002 0	3.2234 E-07	5.8247 E-05	5.0552 E-09
00107	Y	0.000 0	0.000 0	0.082 2	9.7805 E-04	2.7949 E-06	1.3543 E-07	0.000 0	0.000 0	0.018 8	2.2408 E-04	5.3952 E-07	3.0261 E-08
00107	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00108	X	0.000 0	0.000 0	0.004 8	2.5711 E-06	3.8515 E-04	2.3663 E-09	0.000 0	0.000 0	0.000 6	4.2214 E-07	5.7986 E-05	3.558 E-10
00108	Y	0.000 0	0.000 0	0.082 2	9.7522 E-04	2.6477 E-06	5.5878 E-08	0.000 0	0.000 0	0.018 8	2.2345 E-04	5.7259 E-07	1.2769 E-08
00108	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00109	X	0.000 0	0.000 0	0.029 5	8.6156 E-07	3.8779 E-04	6.7742 E-08	0.000 0	0.000 0	0.004 5	1.2557 E-07	5.8385 E-05	1.0353 E-08
00109	Y	0.000 0	0.000 0	0.082 1	9.7809 E-04	3.9927 E-06	1.2396 E-07	0.000 0	0.000 0	0.018 8	2.2407 E-04	8.9682 E-07	2.8327 E-08
00109	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00110	X	0.000 0	0.000 0	0.012 5	1.0477 E-06	3.8782 E-04	2.8794 E-08	0.000 0	0.000 0	0.001 9	1.4364 E-07	5.8387 E-05	4.4742 E-09
00110	Y	0.000 0	0.000 0	0.081 9	9.7667 E-04	3.6533 E-06	8.1624 E-08	0.000 0	0.000 0	0.018 8	2.2376 E-04	8.1909 E-07	1.8007 E-08
00110	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00



Nodi - Spostamenti per effetto del sisma													
Nodo	Dir	Stato Limite Ultimo						Stato Limite di Danno					
		S <sub>x</sub> [cm]	S <sub>y</sub> [cm]	S <sub>z</sub> [cm]	Θ <sub>x</sub> [rad]	Θ <sub>y</sub> [rad]	Θ <sub>z</sub> [rad]	S <sub>x</sub> [cm]	S <sub>y</sub> [cm]	S <sub>z</sub> [cm]	Θ <sub>x</sub> [rad]	Θ <sub>y</sub> [rad]	Θ <sub>z</sub> [rad]
		0	0	0				0	0	0			
00111	X	0.000 0	0.000 0	0.004 9	9.9256 E-07	3.8681 E-04	2.9299 E-09	0.000 0	0.000 0	0.000 6	1.384 E-07	5.8234 E-05	4.4752 E-10
00111	Y	0.000 0	0.000 0	0.081 8	9.7516 E-04	9.4007 E-07	7.0632 E-08	0.000 0	0.000 0	0.018 7	2.2344 E-04	1.9106 E-07	1.612 E-08
00111	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00112	X	0.000 0	0.000 0	0.021 7	1.7636 E-06	3.837 E-04	1.3252 E-08	0.000 0	0.000 0	0.003 2	2.9282 E-07	5.7766 E-05	2.1011 E-09
00112	Y	0.000 0	0.000 0	0.040 8	9.7953 E-04	3.0462 E-06	6.1848 E-08	0.000 0	0.000 0	0.009 3	2.2445 E-04	7.0182 E-07	1.3592 E-08
00112	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00113	X	0.000 0	0.000 0	0.021 6	1.347 E-06	3.8288 E-04	2.5239 E-10	0.000 0	0.000 0	0.003 2	2.2997 E-07	5.764 E-05	1.8113 E-11
00113	Y	0.000 0	0.000 0	0.000 3	9.7985 E-04	1.3609 E-06	2.5147 E-09	0.000 0	0.000 0	0.000 1	2.2453 E-04	3.0966 E-07	5.3474 E-10
00113	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00114	X	0.000 0	0.000 0	0.021 6	1.0544 E-06	3.8257 E-04	8.8615 E-09	0.000 0	0.000 0	0.003 2	1.8113 E-07	5.7599 E-05	1.3916 E-09
00114	Y	0.000 0	0.000 0	0.041 3	9.7922 E-04	2.354 E-06	2.4084 E-08	0.000 0	0.000 0	0.009 5	2.2438 E-04	4.7976 E-07	5.149 E-09
00114	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00115	X	0.010 0	0.000 0	0.036 8	1.2912 E-06	3.9034 E-04	7.549 E-08	0.001 5	0.000 0	0.005 6	2.2208 E-07	5.8766 E-05	1.2099 E-08
00115	Y	0.000 0	0.025 3	0.082 4	9.8852 E-04	4.7026 E-06	1.0402 E-06	0.000 0	0.005 8	0.018 9	2.2645 E-04	1.061 E-06	2.2696 E-07
00115	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00116	X	0.045 1	0.000 3	0.036 8	1.896 E-05	4.0204 E-04	8.13 E-06	0.006 8	0.000 0	0.005 6	2.8069 E-06	6.0535 E-05	1.2102 E-06
00116	Y	0.000 5	0.114 0	0.083 0	1.0257 E-03	2.0523 E-05	4.7816 E-06	0.000 1	0.026 1	0.019 0	2.3486 E-04	4.6646 E-06	1.0374 E-06
00116	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00117	X	0.045 1	0.000 3	0.011 7	1.2645 E-05	4.0021 E-04	6.4952 E-06	0.006 8	0.000 0	0.001 7	1.9079 E-06	6.0226 E-05	9.6881 E-07
00117	Y	0.000 1	0.113 3	0.082 4	1.015 E-03	1.7615 E-05	6.1452 E-06	0.000 0	0.026 0	0.018 9	2.325 E-04	4.0272 E-06	1.3403 E-06
00117	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00118	X	0.010 0	0.000 0	0.011 9	8.8063 E-07	3.8874 E-04	2.6391 E-07	0.001 5	0.000 0	0.001 7	1.3241 E-07	5.8523 E-05	4.0738 E-08
00118	Y	0.000 1	0.025 2	0.081 9	9.8262 E-04	6.3522 E-07	2.7724 E-07	0.000 0	0.005 8	0.018 8	2.2515 E-04	1.1009 E-07	4.1695 E-08
00118	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00119	X	0.013 7	0.000 0	0.001 8	8.7357 E-07	3.8958 E-04	1.1334 E-07	0.002 1	0.000 0	0.000 3	1.3179 E-07	5.8649 E-05	1.6049 E-08
00119	Y	0.000 1	0.034 3	0.081 9	9.8637 E-04	1.2171 E-06	1.4861 E-06	0.000 0	0.007 9	0.018 8	2.2599 E-04	2.5412 E-07	3.1608 E-07
00119	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00120	X	0.041 3	0.000 1	0.001 9	4.653 E-06	3.8959 E-04	3.1615 E-06	0.006 2	0.000 0	0.000 3	7.1992 E-07	5.8648 E-05	4.7149 E-07
00120	Y	0.000 1	0.104 2	0.082 1	1.0134 E-03	3.1817 E-06	8.3672 E-06	0.000 0	0.023 9	0.018 8	2.3212 E-04	7.3379 E-07	1.8175 E-06
00120	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00121	X	0.027 5	0.000 1	0.023 9	1.8497 E-06	3.9112 E-04	1.4853 E-06	0.004 1	0.000 0	0.003 7	2.4726 E-07	5.8886 E-05	2.2591 E-07
00121	Y	0.000 1	0.069 2	0.082 3	1.0012 E-03	6.1701 E-06	1.6704 E-06	0.000 0	0.015 9	0.018 8	2.2934 E-04	1.3945 E-06	3.201 E-07
00121	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00122	X	0.000 0	0.000 0	0.012 4	3.1377 E-06	3.8457 E-04	9.9484 E-10	0.000 0	0.000 0	0.001 9	5.1751 E-07	5.7906 E-05	1.4442 E-10
00122	Y	0.000 0	0.000 0	0.037 1	9.8059 E-04	1.6378 E-06	5.0648 E-09	0.000 0	0.000 0	0.008 5	2.2467 E-04	3.1814 E-07	1.1493 E-09
00122	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00



Nodi - Spostamenti per effetto del sisma													
Nodo	Dir	Stato Limite Ultimo						Stato Limite di Danno					
		S <sub>x</sub> [cm]	S <sub>y</sub> [cm]	S <sub>z</sub> [cm]	Θ <sub>x</sub> [rad]	Θ <sub>y</sub> [rad]	Θ <sub>z</sub> [rad]	S <sub>x</sub> [cm]	S <sub>y</sub> [cm]	S <sub>z</sub> [cm]	Θ <sub>x</sub> [rad]	Θ <sub>y</sub> [rad]	Θ <sub>z</sub> [rad]
00123	X	0.000 0	0.000 0	0.003 2	8.884 E-07	3.8277 E-04	6.9192 E-11	0.000 0	0.000 0	0.000 4	1.3054 E-07	5.7618 E-05	9.5889 E-12
00123	Y	0.000 0	0.000 0	0.036 9	9.7884 E-04	7.9729 E-07	3.7167 E-09	0.000 0	0.000 0	0.008 4	2.2428 E-04	1.8594 E-07	8.3866 E-10
00123	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00124	X	0.000 0	0.000 0	0.027 5	3.4349 E-06	3.8691 E-04	2.3089 E-09	0.000 0	0.000 0	0.004 2	4.937 E-07	5.8268 E-05	3.4552 E-10
00124	Y	0.000 0	0.000 0	0.037 0	9.8099 E-04	3.9838 E-06	4.8999 E-09	0.000 0	0.000 0	0.008 5	2.2475 E-04	9.1436 E-07	1.1162 E-09
00124	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00125	X	0.009 7	0.000 1	0.021 6	1.0658 E-06	3.877 E-04	7.6451 E-07	0.001 5	0.000 0	0.003 2	1.8296 E-07	5.8371 E-05	1.1558 E-07
00125	Y	0.000 1	0.024 5	0.057 8	9.8195 E-04	2.6718 E-06	5.0217 E-07	0.000 0	0.005 6	0.013 3	2.25 E-04	5.2476 E-07	1.035 E-07
00125	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00126	X	0.045 6	0.000 1	0.021 7	5.5937 E-06	4.2282 E-04	4.0811 E-06	0.006 9	0.000 0	0.003 2	7.8854 E-07	6.3603 E-05	6.0792 E-07
00126	Y	0.000 5	0.113 6	0.058 3	9.973 E-04	2.4468 E-05	5.4472 E-06	0.000 1	0.026 0	0.013 4	2.2852 E-04	5.6008 E-06	1.2528 E-06
00126	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00127	X	0.045 8	0.000 3	0.021 9	7.9366 E-06	4.2436 E-04	2.622 E-06	0.006 9	0.000 0	0.003 2	1.2083 E-06	6.3837 E-05	3.9062 E-07
00127	Y	0.000 2	0.113 6	0.057 8	9.9721 E-04	2.2209 E-05	5.332 E-06	0.000 1	0.026 0	0.013 2	2.2849 E-04	5.0497 E-06	1.2256 E-06
00127	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00128	X	0.009 7	0.000 0	0.021 8	1.729 E-06	3.8875 E-04	1.0301 E-06	0.001 5	0.000 0	0.003 2	2.8894 E-07	5.8527 E-05	1.5502 E-07
00128	Y	0.000 1	0.024 5	0.057 4	9.8195 E-04	3.5875 E-06	6.1261 E-07	0.000 0	0.005 6	0.013 1	2.25 E-04	8.1181 E-07	1.3017 E-07
00128	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00129	X	0.013 5	0.000 0	0.021 6	1.4013 E-06	3.9139 E-04	3.6196 E-07	0.002 0	0.000 0	0.003 2	2.3839 E-07	5.8919 E-05	5.3186 E-08
00129	Y	0.000 0	0.034 4	0.000 3	9.8314 E-04	1.4041 E-06	2.2952 E-06	0.000 0	0.007 9	0.000 1	2.2528 E-04	3.209 E-07	5.0082 E-07
00129	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00130	X	0.041 7	0.000 1	0.021 6	1.4744 E-06	4.138 E-04	1.2629 E-06	0.006 3	0.000 0	0.003 2	2.499 E-07	6.2265 E-05	1.8713 E-07
00130	Y	0.000 2	0.103 6	0.000 3	9.8893 E-04	1.5415 E-06	4.4123 E-06	0.000 0	0.023 7	0.000 1	2.2662 E-04	3.5444 E-07	9.9504 E-07
00130	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00131	X	0.009 7	0.000 1	0.046 6	9.769 E-07	3.8787 E-04	8.058 E-07	0.001 5	0.000 0	0.007 1	1.6822 E-07	5.8397 E-05	1.1987 E-07
00131	Y	0.000 1	0.024 7	0.057 9	9.8821 E-04	2.0797 E-06	4.2363 E-07	0.000 0	0.005 7	0.013 3	2.2637 E-04	4.3265 E-07	9.3964 E-08
00131	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00132	X	0.045 7	0.000 2	0.046 9	1.1182 E-05	4.2706 E-04	4.3008 E-06	0.006 9	0.000 0	0.007 1	1.7265 E-06	6.427 E-05	6.4147 E-07
00132	Y	0.000 4	0.114 4	0.058 3	1.004 E-03	1.5809 E-05	5.8207 E-06	0.000 1	0.026 2	0.013 4	2.2998 E-04	3.5154 E-06	1.2731 E-06
00132	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00133	X	0.045 9	0.000 3	0.047 0	1.1938 E-05	4.2522 E-04	3.2053 E-06	0.006 9	0.000 0	0.007 1	1.763 E-06	6.3991 E-05	4.8025 E-07
00133	Y	0.000 5	0.114 4	0.058 2	1.0039 E-03	1.5409 E-05	6.5008 E-06	0.000 1	0.026 2	0.013 3	2.2996 E-04	3.4851 E-06	1.4253 E-06
00133	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00134	X	0.009 7	0.000 0	0.046 7	1.6468 E-06	3.9063 E-04	1.1789 E-06	0.001 5	0.000 0	0.007 1	2.1599 E-07	5.8809 E-05	1.7461 E-07
00134	Y	0.000 0	0.024 7	0.057 9	9.8853 E-04	1.6371 E-06	7.7211 E-07	0.000 0	0.005 7	0.013 3	2.2644 E-04	3.693 E-07	1.7799 E-07
00134	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00135	X	0.013	0.000	0.046	1.0204 E-06	3.9023 E-04	6.9966 E-07	0.002	0.000	0.007	1.3517 E-07	5.875 E-05	1.0426 E-07



Nodi - Spostamenti per effetto del sisma													
Nodo	Di r	Stato Limite Ultimo						Stato Limite di Danno					
		S <sub>x</sub> [cm]	S <sub>y</sub> [cm]	S <sub>z</sub> [cm]	Θ <sub>x</sub> [rad]	Θ <sub>y</sub> [rad]	Θ <sub>z</sub> [rad]	S <sub>x</sub> [cm]	S <sub>y</sub> [cm]	S <sub>z</sub> [cm]	Θ <sub>x</sub> [rad]	Θ <sub>y</sub> [rad]	Θ <sub>z</sub> [rad]
00135	Y	5 0.000	0 0.034	6 0.000	9.8953 E-04	1.2142 E-06	8.3187 E-07	0 0.000	0 0.007	1 0.000	2.2667 E-04	2.5144 E-07	1.4965 E-07
00135	Z	0 0.000	0 0.000	0 0.000	0 E+00	0 E+00	0 E+00	0 0.000	0 0.000	0 0.000	0 E+00	0 E+00	0 E+00
00136	X	0.041 8	0.000 1	0.046 6	8.927 E-07	4.1723 E-04	1.4764 E-06	0.006 3	0.000 0	0.007 1	1.497 E-07	6.2794 E-05	2.1855 E-07
00136	Y	0.000 2	0.104 3	0.000 1	9.9329 E-04	1.2602 E-06	6.1807 E-06	0.000 0	0.023 9	0.000 0	2.2755 E-04	2.8395 E-07	1.3237 E-06
00136	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00137	X	0.010 0	0.000 0	0.036 8	1.6329 E-06	3.8898 E-04	3.4204 E-07	0.001 5	0.000 0	0.005 6	2.1144 E-07	5.8566 E-05	5.258 E-08
00137	Y	0.000 1	0.025 3	0.082 5	9.8843 E-04	3.6006 E-06	7.9398 E-07	0.000 0	0.005 8	0.018 9	2.2643 E-04	7.3143 E-07	1.6933 E-07
00137	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00138	X	0.045 0	0.000 3	0.036 8	1.8742 E-05	4.0069 E-04	6.9853 E-06	0.006 8	0.000 0	0.005 6	2.8583 E-06	6.0339 E-05	1.0444 E-06
00138	Y	0.000 4	0.114 0	0.083 2	1.0257 E-03	1.876 E-05	5.1004 E-06	0.000 1	0.026 1	0.019 1	2.3487 E-04	4.2108 E-06	1.1079 E-06
00138	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00139	X	0.044 9	0.000 1	0.011 6	1.0697 E-05	3.9852 E-04	5.0898 E-06	0.006 8	0.000 0	0.001 7	1.5427 E-06	5.9974 E-05	7.6439 E-07
00139	Y	0.000 4	0.113 3	0.082 8	1.015 E-03	1.9829 E-05	6.2542 E-06	0.000 1	0.026 0	0.019 0	2.3251 E-04	4.567 E-06	1.3689 E-06
00139	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00140	X	0.010 0	0.000 1	0.011 8	2.1576 E-06	3.8741 E-04	4.9356 E-08	0.001 5	0.000 0	0.001 7	3.5602 E-07	5.8326 E-05	4.3693 E-09
00140	Y	0.000 1	0.025 2	0.082 4	9.8273 E-04	2.6786 E-06	3.4868 E-07	0.000 0	0.005 8	0.018 9	2.2517 E-04	5.7908 E-07	6.084 E-08
00140	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00141	X	0.013 6	0.000 1	0.001 9	1.6931 E-06	3.8822 E-04	7.5689 E-07	0.002 1	0.000 0	0.000 3	2.8607 E-07	5.8449 E-05	1.1052 E-07
00141	Y	0.000 1	0.034 3	0.082 3	9.8639 E-04	2.4052 E-06	1.6424 E-06	0.000 0	0.007 9	0.018 9	2.26 E-04	4.9539 E-07	3.535 E-07
00141	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00142	X	0.041 2	0.000 1	0.002 0	3.3016 E-06	3.8811 E-04	1.0716 E-06	0.006 2	0.000 0	0.000 3	4.4296 E-07	5.843 E-05	1.657 E-07
00142	Y	0.000 3	0.104 2	0.082 4	1.0133 E-03	5.6403 E-06	8.4421 E-06	0.000 1	0.023 9	0.018 9	2.3211 E-04	1.3055 E-06	1.8362 E-06
00142	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00143	X	0.027 4	0.000 1	0.023 9	2.1586 E-06	3.8977 E-04	2.9073 E-06	0.004 1	0.000 0	0.003 7	3.6162 E-07	5.8688 E-05	4.3563 E-07
00143	Y	0.000 2	0.069 2	0.082 5	1.0016 E-03	4.7986 E-06	1.5546 E-06	0.000 0	0.015 9	0.018 9	2.2942 E-04	1.0091 E-06	2.8953 E-07
00143	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00144	X	0.057 3	0.001 7	0.048 4	8.491 E-05	5.2529 E-04	1.1136 E-05	0.008 6	0.000 2	0.007 4	1.2653 E-05	7.8953 E-05	1.6632 E-06
00144	Y	0.001 5	0.141 2	0.084 6	1.1119 E-03	5.4738 E-05	7.1002 E-06	0.000 3	0.032 3	0.019 4	2.5429 E-04	1.2285 E-05	1.5936 E-06
00144	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00145	X	0.057 1	0.001 6	0.048 4	8.4793 E-05	5.2349 E-04	1.1449 E-05	0.008 6	0.000 2	0.007 4	1.2751 E-05	7.8689 E-05	1.7092 E-06
00145	Y	0.001 3	0.141 2	0.084 7	1.1122 E-03	5.2722 E-05	6.5684 E-06	0.000 3	0.032 3	0.019 4	2.5438 E-04	1.1784 E-05	1.4771 E-06
00145	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00146	X	0.056 8	0.001 0	0.022 7	6.7176 E-05	5.1375 E-04	1.0244 E-05	0.008 6	0.000 1	0.003 3	9.9421 E-06	7.7158 E-05	1.532 E-06
00146	Y	0.002 0	0.139 9	0.084 6	1.0872 E-03	1.0036 E-04	1.2086 E-05	0.000 5	0.032 0	0.019 4	2.4884 E-04	2.2803 E-05	2.7422 E-06
00146	Z	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00	0.000 0	0.000 0	0.000 0	0 E+00	0 E+00	0 E+00
00147	X	0.057 0	0.001 3	0.022 9	6.9946 E-05	5.1678 E-04	1.0239 E-05	0.008 6	0.000 2	0.003 4	1.0435 E-05	7.7635 E-05	1.5271 E-06



Nodi - Spostamenti per effetto del sisma													
Nodo	Di r	Stato Limite Ultimo						Stato Limite di Danno					
		S <sub>x</sub> [cm]	S <sub>y</sub> [cm]	S <sub>z</sub> [cm]	Θ <sub>x</sub> [rad]	Θ <sub>y</sub> [rad]	Θ <sub>z</sub> [rad]	S <sub>x</sub> [cm]	S <sub>y</sub> [cm]	S <sub>z</sub> [cm]	Θ <sub>x</sub> [rad]	Θ <sub>y</sub> [rad]	Θ <sub>z</sub> [rad]
00147	Y	0.0017	0.1399	0.0841	1.0867 E-03	9.7819 E-05	1.2114 E-05	0.0004	0.0320	0.0193	2.4874 E-04	2.2194 E-05	2.7428 E-06
00147	Z	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00

## LEGENDA:

**Dir** Direzione del sisma.  
 **$S_x$ ,  $S_y$ ,  $S_z$**  Le componenti dello spostamento sono relative al sistema di riferimento globale X, Y, Z.  
 **$\Theta_x$ ,  $\Theta_y$ ,  $\Theta_z$**

## NODI - SPOSTAMENTI PER ECCENTRICITÀ ACCIDENTALE

Nodi - Spostamenti per eccentricità accidentale									
Nodo	Dir	e	$S_x$	$S_y$	$S_z$	$\Theta_x$	$\Theta_y$	$\Theta_z$	
			[cm]	[cm]	[cm]	[rad]	[rad]	[rad]	
00001	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	Y	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
00002	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	Y	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
00003	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	Y	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
00004	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	Y	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
00005	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	Y	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
00006	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	Y	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
00007	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	Y	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
00008	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	Y	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
00009	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	Y	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
00010	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	Y	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
00011	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	Y	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
00012	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	Y	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
00013	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	Y	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
00014	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	Y	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	



Nodi - Spostamenti per eccentricità accidentale

Nodo	Dir	e	S <sub>x</sub> [cm]	S <sub>y</sub> [cm]	S <sub>z</sub> [cm]	Θ <sub>x</sub> [rad]	Θ <sub>y</sub> [rad]	Θ <sub>z</sub> [rad]
00015	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00016	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00017	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00018	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00019	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00020	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00021	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00022	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00023	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00024	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00025	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00026	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00027	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00028	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00029	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00030	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00031	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00032	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00033	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00



### Nodi - Spostamenti per eccentricità accidentale

[illegible]



Nodi - Spostamenti per eccentricità accidentale

Nodo	Dir	e	S <sub>x</sub> [cm]	S <sub>y</sub> [cm]	S <sub>z</sub> [cm]	Θ <sub>x</sub> [rad]	Θ <sub>y</sub> [rad]	Θ <sub>z</sub> [rad]
00052	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00053	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00054	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00055	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00056	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00057	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00058	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00059	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00060	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00061	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00062	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00063	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00064	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00065	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00066	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00067	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00068	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00069	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00070	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00



[illegible]



Nodi - Spostamenti per eccentricità accidentale

Nodo	Dir	e	S <sub>x</sub> [cm]	S <sub>y</sub> [cm]	S <sub>z</sub> [cm]	Θ <sub>x</sub> [rad]	Θ <sub>y</sub> [rad]	Θ <sub>z</sub> [rad]
00089	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00090	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00091	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00092	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00093	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00094	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00095	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00096	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00097	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00098	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00099	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00100	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00101	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00102	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00103	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00104	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00105	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00106	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00107	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00



[illegible]



Nodi - Spostamenti per eccentricità accidentale

Nodo	Dir	e	S <sub>x</sub> [cm]	S <sub>y</sub> [cm]	S <sub>z</sub> [cm]	Θ <sub>x</sub> [rad]	Θ <sub>y</sub> [rad]	Θ <sub>z</sub> [rad]
00126	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00127	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00128	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00129	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00130	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00131	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00132	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00133	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00134	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00135	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00136	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00137	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00138	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00139	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00140	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00141	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00142	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00143	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
00144	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00



Nodi - Spostamenti per eccentricità accidentale									
Nodo	Dir	e	S <sub>x</sub> [cm]	S <sub>y</sub> [cm]	S <sub>z</sub> [cm]	Θ <sub>x</sub> [rad]	Θ <sub>y</sub> [rad]	Θ <sub>z</sub> [rad]	
00145	Y	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	Y	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
00146	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	Y	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
00147	X	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	X	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	Y	+	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	
	Y	-	0.0000	0.0000	0.0000	0 E+00	0 E+00	0 E+00	

#### LEGENDA:

**Dir** Direzione del sisma.  
**S<sub>x</sub>, S<sub>y</sub>** Le componenti dello spostamento sono relative al sistema di riferimento globale X, Y, Z.  
**S<sub>z</sub>, Θ<sub>x</sub>**  
**Θ<sub>y</sub>, Θ<sub>z</sub>**

### TRAVI - SOLLECITAZIONI PER CONDIZIONI DI CARICO NON SISMICHE

Travi - Sollecitazioni per condizioni di carico non sismiche														
Id <sub>Tr</sub>	CC	Estr. Inz.						Estr. Fin.						
		M <sub>1</sub> [N-m]	M <sub>2</sub> [N-m]	M <sub>3</sub> [N-m]	N [N]	T <sub>2</sub> [N]	T <sub>3</sub> [N]	M <sub>1</sub> [N-m]	M <sub>2</sub> [N-m]	M <sub>3</sub> [N-m]	N [N]	T <sub>2</sub> [N]	T <sub>3</sub> [N]	
Piano copertura		Travata: Piano copertura												
Trave Acciaio 2-5	001	0	1	75	-84	293	0	0	2	74	-84	-291	0	
	002	0	1	12	-51	1	0	0	2	10	-51	1	0	
	003	0	5	47	-203	5	1	0	6	40	-203	5	1	
	004	0	0	0	0	0	0	0	0	0	0	0	0	
	005	0	1	12	-57	1	0	0	1	10	-57	1	0	
	006	0	0	0	0	0	0	0	0	0	0	0	0	
	007	0	0	0	7	0	0	0	0	0	7	0	0	
	008	0	4	-203	-72	-306	-67	0	44	217	-72	-306	125	
	009	0	-45	-223	-212	-309	220	0	-5	202	-212	-309	-162	
	010	0	4	-203	-72	-306	-67	0	44	217	-72	-306	125	
	011	0	41	426	284	615	-154	0	-39	-420	284	615	39	
Trave Acciaio 7a-2	001	-3	-1	46	184	-335	1	-3	-1	125	184	-423	1	
	002	0	-1	27	217	-71	0	0	-1	42	217	-71	0	
	003	0	-6	108	868	-284	1	0	-6	167	868	-284	1	
	004	0	0	0	0	0	0	0	0	0	0	0	0	
	005	0	-1	26	210	-68	0	0	-1	40	210	-68	0	
	006	0	0	0	0	0	0	0	0	0	0	0	0	
	007	0	0	0	5	0	0	0	0	0	5	0	0	
	008	0	3	26	-129	-56	3	0	4	37	-129	-56	3	
	009	0	-22	-182	30	340	-25	0	-27	-252	30	340	-25	
	010	0	3	26	-129	-56	3	0	4	37	-129	-56	3	
	011	0	19	156	98	-283	21	0	23	214	98	-283	21	
Trave Acciaio 4-5	001	0	2	-2	177	230	0	0	1	118	177	-394	0	
	002	0	1	-60	207	-68	0	0	2	40	207	-68	0	
	003	0	5	-240	826	-272	2	0	7	160	826	-272	2	
	004	0	0	0	0	0	0	0	0	0	0	0	0	
	005	0	1	-58	199	-65	0	0	2	38	199	-65	0	
	006	0	0	0	0	0	0	0	0	0	0	0	0	
	007	0	0	0	5	0	0	0	0	0	5	0	0	
	008	0	-18	-151	79	-205	153	0	-49	151	79	-205	-196	
	009	0	-27	133	242	179	180	0	-19	-130	242	179	-169	
	010	0	-18	-151	79	-205	153	0	-49	151	79	-205	-196	
	011	0	45	17	-323	26	-332	0	68	-21	-323	26	363	
Trave Acciaio 4-5	001	0	2	-133	33	-27	-3	0	-2	365	33	-651	-3	
	002	0	1	-207	71	-336	-2	0	-1	287	71	-336	-2	
	003	0	5	-828	285	-1,343	-6	0	-4	1,146	285	-1,343	-6	
	004	0	0	0	0	0	0	0	0	0	0	0	0	
	005	0	1	-199	15	-324	-2	0	-1	277	15	-324	-2	
	006	0	0	0	0	0	0	0	0	0	0	0	0	
	007	0	0	0	-2	0	0	0	0	0	-2	0	0	
	008	0	-2	-77	-32	-124	77	0	-30	105	-32	-124	-116	
	009	0	-3	181	105	232	86	0	-18	-160	105	232	-106	
	010	0	-2	-77	-32	-124	77	0	-30	105	-32	-124	-116	
	011	0	5	-104	-73	-108	-163	0	48	55	-73	-108	221	
Trave Acciaio 2-5	001	0	-2	-11	142	91	2	0	0	-11	142	-92	2	
	002	0	-2	-29	60	11	2	0	1	-29	60	-11	2	
	003	0	-6	-115	239	46	7	0	3	-117	239	-42	7	
	004	0	0	0	0	0	0	0	0	0	0	0	0	



Travi - Sollecitazioni per condizioni di carico non sismiche													
Id <sub>Tr</sub>	CC	Estr. Inz.						Estr. Fin.					
		M <sub>1</sub>	M <sub>2</sub>	M <sub>3</sub>	N	T <sub>2</sub>	T <sub>3</sub>	M <sub>1</sub>	M <sub>2</sub>	M <sub>3</sub>	N	T <sub>2</sub>	T <sub>3</sub>
		[N-m]	[N-m]	[N-m]	[N]	[N]	[N]	[N-m]	[N-m]	[N-m]	[N]	[N]	[N]
	005	0	-2	-30	74	7	2	0	1	-30	74	-7	2
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	-2	0	0	0	0	0	-2	0	0
	008	0	-9	-197	-113	-289	0	0	26	200	-113	-289	50
	009	0	-17	-207	-143	-292	73	0	17	194	-143	-292	-24
	010	0	-9	-197	-113	-289	0	0	26	200	-113	-289	50
	011	0	26	404	256	581	-74	0	-42	-394	256	581	-25
Trave Acciaio 8a-2	001	-6	9	242	42	-602	28	-6	16	375	42	-689	34
	002	-4	8	225	78	-353	17	-4	12	298	78	-353	17
	003	-15	33	900	312	-1,411	67	-15	47	1,190	312	-1,411	67
	004	0	0	0	0	0	0	0	0	0	0	0	0
	005	-4	8	218	20	-341	15	-4	11	288	20	-341	15
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	-2	0	0	0	0	0	-2	0	0
	008	-1	-2	47	-108	-109	-4	-1	-3	70	-108	-109	-4
	009	2	-20	-143	31	252	-26	2	-25	-195	31	252	-26
	010	-1	-2	47	-108	-109	-4	-1	-3	70	-108	-109	-4
	011	-2	22	95	78	-143	30	-2	28	125	78	-143	30
Trave Acciaio 1-4	001	0	-2	47	-64	290	1	0	0	50	-64	-294	1
	002	0	-1	-12	28	-1	1	0	0	-10	28	-1	1
	003	0	-5	-47	114	-6	3	0	0	-39	114	-6	3
	004	0	0	0	0	0	0	0	0	0	0	0	0
	005	0	-1	-12	-1	-2	1	0	0	-9	-1	-2	1
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	2	0	0	0	0	0	2	0	0
	008	0	4	-222	-204	-304	-14	0	-15	196	-204	-304	-14
	009	0	0	-202	-110	-300	-14	0	-19	211	-110	-300	-14
	010	0	4	-222	-204	-304	-14	0	-15	196	-204	-304	-14
	011	0	-4	424	314	603	28	0	35	-406	314	603	28
Trave Acciaio 9a-2	001	-3	3	72	-52	-403	3	-3	3	164	-52	-491	3
	002	0	3	44	-162	-118	2	0	4	69	-162	-118	2
	003	0	12	177	-648	-472	10	0	14	274	-648	-472	10
	004	0	0	0	0	0	0	0	0	0	0	0	0
	005	0	2	60	-9	-160	1	0	2	93	-9	-160	1
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	0	0	0	0	0	0	0	0	0
	008	0	-2	70	87	-133	-5	0	-3	97	87	-133	-5
	009	0	-10	-100	8	194	-10	0	-12	-140	8	194	-10
	010	0	-2	70	87	-133	-5	0	-3	97	87	-133	-5
	011	0	12	30	-94	-60	16	0	15	42	-94	-60	16
Trave Acciaio 4-5	001	0	1	-67	-52	157	-3	0	-3	162	-52	-468	-3
	002	0	1	-107	-155	-121	-3	0	-3	70	-155	-121	-3
	003	0	5	-427	-619	-482	-12	0	-13	282	-619	-482	-12
	004	0	0	0	0	0	0	0	0	0	0	0	0
	005	0	1	-143	-6	-160	-2	0	-2	93	-6	-160	-2
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	0	0	0	0	0	0	0	0	0
	008	0	0	-66	-17	-88	23	0	-4	63	-17	-88	-30
	009	0	-1	173	-96	232	30	0	4	-169	-96	232	-23
	010	0	0	-66	-17	-88	23	0	-4	63	-17	-88	-30
	011	0	1	-106	113	-144	-52	0	1	105	113	-144	52
Trave Acciaio 1-4	001	0	0	10	100	87	1	0	1	17	100	-96	1
	002	0	0	-8	-17	9	1	0	1	-5	-17	-13	1
	003	0	1	-33	-68	35	3	0	5	-21	-68	-53	3
	004	0	0	0	0	0	0	0	0	0	0	0	0
	005	0	0	-8	24	5	1	0	1	-5	24	-9	1
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	-1	0	0	0	0	0	-1	0	0
	008	0	0	-145	-32	-211	-4	0	-5	146	-32	-211	-4
	009	0	-1	-137	-105	-207	-4	0	-7	149	-105	-207	-4
	010	0	0	-145	-32	-211	-4	0	-5	146	-32	-211	-4
	011	0	1	281	136	419	8	0	12	-294	136	419	8
Trave Acciaio 4-5	001	0	1	-243	353	-166	-3	0	-3	460	353	-791	-3
	002	0	0	-193	216	-297	0	0	-1	244	216	-297	0
	003	0	-2	-772	863	-1,188	-2	0	-4	974	863	-1,188	-2
	004	0	0	0	0	0	0	0	0	0	0	0	0
	005	0	0	-286	273	-446	-1	0	-1	370	273	-446	-1
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	0	0	0	0	0	0	0	0	0
	008	0	0	-85	-7	-120	22	0	-8	91	-7	-120	-31
	009	0	1	111	67	148	27	0	1	-106	67	148	-26
	010	0	0	-85	-7	-120	22	0	-8	91	-7	-120	-31
	011	0	0	-26	-61	-27	-48	0	6	14	-61	-27	57



Travi - Sollecitazioni per condizioni di carico non sismiche													
Id <sub>Tr</sub>	CC	Estr. Inz.						Estr. Fin.					
		M <sub>1</sub> [N-m]	M <sub>2</sub> [N-m]	M <sub>3</sub> [N-m]	N [N]	T <sub>2</sub> [N]	T <sub>3</sub> [N]	M <sub>1</sub> [N-m]	M <sub>2</sub> [N-m]	M <sub>3</sub> [N-m]	N [N]	T <sub>2</sub> [N]	T <sub>3</sub> [N]
Trave Acciaio 2-5	001	0	-3	3	-206	92	0	0	-2	2	-206	-91	0
	002	0	-2	-12	-117	3	0	0	-1	-16	-117	3	0
	003	0	-8	-47	-469	11	1	0	-6	-62	-469	11	1
	004	0	0	0	0	0	0	0	0	0	0	0	0
	005	0	-2	-21	-132	10	0	0	-2	-25	-132	-4	0
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	0	0	0	0	0	0	0	0	0
	008	0	-1	-114	-33	-168	-14	0	14	118	-33	-168	36
	009	0	-12	-124	-14	-172	60	0	4	113	-14	-172	-37
	010	0	-1	-114	-33	-168	-14	0	14	118	-33	-168	36
	011	0	14	237	48	340	-47	0	-17	-230	48	340	3
Trave Acciaio 4-5	001	0	-1	-133	-521	42	-4	0	-7	265	-521	-583	-4
	002	0	-1	-129	-309	-169	-2	0	-4	120	-309	-169	-2
	003	0	-5	-516	-1,234	-677	-8	0	-17	479	-1,234	-677	-8
	004	0	0	0	0	0	0	0	0	0	0	0	0
	005	0	-2	-165	-576	-221	-3	0	-6	159	-576	-221	-3
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	0	0	0	0	0	0	0	0	0
	008	0	0	-49	-25	-71	20	0	-10	56	-25	-71	-33
	009	0	0	96	60	128	29	0	4	-93	60	128	-24
	010	0	0	-49	-25	-71	20	0	-10	56	-25	-71	-33
	011	0	0	-47	-35	-57	-48	0	6	37	-35	-57	56
Trave Acciaio 2-5	001	0	-5	42	179	95	-1	0	-6	37	179	-88	-1
	002	0	-3	12	115	4	-1	0	-4	7	115	4	-1
	003	0	-11	49	461	15	-5	0	-17	29	461	15	-5
	004	0	0	0	0	0	0	0	0	0	0	0	0
	005	0	-4	15	136	4	-1	0	-6	8	136	4	-1
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	0	0	0	0	0	0	0	0	0
	008	0	0	-63	-21	-95	-17	0	11	67	-21	-95	32
	009	0	-8	-69	-52	-97	57	0	3	64	-52	-97	-41
	010	0	0	-63	-21	-95	-17	0	11	67	-21	-95	32
	011	0	7	132	73	192	-40	0	-14	-132	73	192	10
Trave Acciaio 11a-2	001	-3	7	151	-513	-519	5	-3	8	267	-513	-607	5
	002	0	4	80	-294	-162	3	0	5	114	-294	-162	3
	003	0	17	322	-1,175	-648	12	0	19	455	-1,175	-648	12
	004	0	0	0	0	0	0	0	0	0	0	0	0
	005	0	6	109	-561	-213	4	0	7	152	-561	-213	4
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	0	0	0	0	0	0	0	0	0
	008	0	1	30	-41	-62	1	0	1	43	-41	-62	1
	009	0	-11	-80	46	142	-10	0	-13	-109	46	142	-10
	010	0	1	30	-41	-62	1	0	1	43	-41	-62	1
	011	0	11	49	-5	-79	9	0	12	66	-5	-79	9
Trave Acciaio 1-4	001	0	4	58	-136	288	-1	0	3	64	-136	-296	-1
	002	0	3	0	-30	-3	-1	0	2	4	-30	-3	-1
	003	0	12	0	-120	-13	-3	0	7	17	-120	-13	-3
	004	0	0	0	0	0	0	0	0	0	0	0	0
	005	0	4	-4	-66	-4	-1	0	3	1	-66	-4	-1
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	0	0	0	0	0	0	0	0	0
	008	0	1	-75	-47	-107	-4	0	-4	71	-47	-107	-4
	009	0	-4	-69	-39	-104	-3	0	-8	75	-39	-104	-3
	010	0	1	-75	-47	-107	-4	0	-4	71	-47	-107	-4
	011	0	3	144	85	211	7	0	13	-146	85	211	7
Trave Acciaio 4-5	001	0	-3	-30	88	77	2	0	-1	104	88	-259	2
	002	0	-2	-38	5	-52	1	0	-1	39	5	-52	1
	003	0	-9	-150	20	-209	4	0	-2	157	20	-209	4
	004	0	0	0	0	0	0	0	0	0	0	0	0
	005	0	-2	16	127	299	1	0	0	119	127	-439	1
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	0	0	0	0	0	0	0	0	0
	008	0	-1	-23	-50	-34	21	0	-9	28	-50	-34	-32
	009	0	-1	51	39	64	30	0	5	-43	39	64	-22
	010	0	-1	-23	-50	-34	21	0	-9	28	-50	-34	-32
	011	0	2	-28	11	-29	-51	0	4	15	11	-29	54
Trave Acciaio 2-5	001	0	-1	23	-56	91	-2	0	-3	24	-56	-92	-2
	002	0	0	1	-52	0	-2	0	-3	2	-52	0	-2
	003	0	-1	6	-209	-1	-6	0	-10	7	-209	-1	-6
	004	0	0	0	0	0	0	0	0	0	0	0	0
	005	0	0	19	-68	15	-2	0	-2	20	-68	-16	-2
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	0	0	0	0	0	0	0	0	0
	008	0	1	-28	-41	-44	-19	0	9	33	-41	-44	31



Travi - Sollecitazioni per condizioni di carico non sismiche													
Id <sub>Tr</sub>	CC	Estr. Inz.						Estr. Fin.					
		M <sub>1</sub> [N-m]	M <sub>2</sub> [N-m]	M <sub>3</sub> [N-m]	N [N]	T <sub>2</sub> [N]	T <sub>3</sub> [N]	M <sub>1</sub> [N-m]	M <sub>2</sub> [N-m]	M <sub>3</sub> [N-m]	N [N]	T <sub>2</sub> [N]	T <sub>3</sub> [N]
	009	0	-6	-37	-7	-45	56	0	3	24	-7	-45	-42
	010	0	1	-28	-41	-44	-19	0	9	33	-41	-44	31
	011	0	5	66	49	89	-37	0	-12	-57	49	89	12
Trave Acciaio 1-2	001	0	2	-28	94	79	0	0	2	103	94	-258	0
	002	0	1	-36	7	-50	1	0	2	38	7	-50	1
	003	0	3	-143	29	-201	3	0	8	152	29	-201	3
	004	0	0	0	0	0	0	0	0	0	0	0	0
	005	0	1	19	130	302	1	0	2	117	130	-436	1
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	0	0	0	0	0	0	0	0	0
	008	0	-1	-27	-6	-32	2	0	1	21	-6	-32	2
	009	0	0	48	82	67	-9	0	-14	-50	82	67	-9
	010	0	-1	-27	-6	-32	2	0	1	21	-6	-32	2
	011	0	1	-21	-75	-34	8	0	12	29	-75	-34	8
Trave Acciaio 1-4	001	0	3	15	114	90	-1	0	1	17	114	-93	-1
	002	0	2	-6	25	0	-1	0	1	-5	25	0	-1
	003	0	10	-23	100	-2	-6	0	2	-21	100	-2	-6
	004	0	0	0	0	0	0	0	0	0	0	0	0
	005	0	2	11	43	15	-2	0	0	11	43	-16	-2
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	0	0	0	0	0	0	0	0	0
	008	0	1	-34	-16	-45	-3	0	-3	28	-16	-45	-3
	009	0	-5	-26	-46	-44	-2	0	-8	35	-46	-44	-2
	010	0	1	-34	-16	-45	-3	0	-3	28	-16	-45	-3
	011	0	4	60	63	89	5	0	11	-63	63	89	5
Trave Acciaio 6a-18a	001	0	0	2	0	25	0	0	0	0	0	0	0
	002	0	0	0	0	0	0	0	0	0	0	0	0
	003	0	0	0	0	0	0	0	0	0	0	0	0
	004	0	0	0	0	0	0	0	0	0	0	0	0
	005	0	0	0	0	0	0	0	0	0	0	0	0
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	0	0	0	0	0	0	0	0	0
	008	0	0	0	0	0	0	0	0	0	0	0	0
	009	0	0	0	0	0	0	0	0	0	0	0	0
	010	0	0	0	0	0	0	0	0	0	0	0	0
	011	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 1-6a	001	3	0	-129	-513	68	5	3	1	-134	-513	-20	5
	002	0	1	-125	-294	-162	3	0	1	-91	-294	-162	3
	003	0	2	-498	-1,175	-648	12	0	5	-363	-1,175	-648	12
	004	0	0	0	0	0	0	0	0	0	0	0	0
	005	0	1	-160	-561	-213	4	0	2	-116	-561	-213	4
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	0	0	0	0	0	0	0	0	0
	008	0	0	-49	-41	-62	1	0	0	-36	-41	-62	1
	009	0	1	100	46	142	-10	0	-1	70	46	142	-10
	010	0	0	-49	-41	-62	1	0	0	-36	-41	-62	1
	011	0	-1	-51	-5	-79	9	0	1	-34	-5	-79	9
Trave Acciaio 5a-17a	001	0	0	2	0	25	0	0	0	0	0	0	0
	002	0	0	0	0	0	0	0	0	0	0	0	0
	003	0	0	0	0	0	0	0	0	0	0	0	0
	004	0	0	0	0	0	0	0	0	0	0	0	0
	005	0	0	0	0	0	0	0	0	0	0	0	0
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	0	0	0	0	0	0	0	0	0
	008	0	0	0	0	0	0	0	0	0	0	0	0
	009	0	0	0	0	0	0	0	0	0	0	0	0
	010	0	0	0	0	0	0	0	0	0	0	0	0
	011	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 1-5a	001	3	-1	-249	333	-159	3	3	-1	-207	333	-247	3
	002	0	0	-195	193	-301	1	0	0	-132	193	-301	1
	003	0	1	-779	771	-1,204	3	0	2	-529	771	-1,204	3
	004	0	0	0	0	0	0	0	0	0	0	0	0
	005	0	0	-291	247	-456	1	0	0	-196	247	-456	1
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	0	0	0	0	0	0	0	0	0
	008	0	-1	-46	-35	-59	2	0	-1	-34	-35	-59	2
	009	0	-1	155	37	215	-4	0	-2	111	37	215	-4
	010	0	-1	-46	-35	-59	2	0	-1	-34	-35	-59	2
	011	0	3	-109	-2	-156	2	0	3	-77	-2	-156	2
Trave Acciaio 4a-16a	001	0	0	2	0	25	0	0	0	0	0	0	0
	002	0	0	0	0	0	0	0	0	0	0	0	0
	003	0	0	0	0	0	0	0	0	0	0	0	0
	004	0	0	0	0	0	0	0	0	0	0	0	0



Travi - Sollecitazioni per condizioni di carico non sismiche													
Id <sub>Tr</sub>	CC	Estr. Inz.						Estr. Fin.					
		M <sub>1</sub>	M <sub>2</sub>	M <sub>3</sub>	N	T <sub>2</sub>	T <sub>3</sub>	M <sub>1</sub>	M <sub>2</sub>	M <sub>3</sub>	N	T <sub>2</sub>	T <sub>3</sub>
		[N-m]	[N-m]	[N-m]	[N]	[N]	[N]	[N-m]	[N-m]	[N-m]	[N]	[N]	[N]
	005	0	0	0	0	0	0	0	0	0	0	0	0
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	0	0	0	0	0	0	0	0	0
	008	0	0	0	0	0	0	0	0	0	0	0	0
	009	0	0	0	0	0	0	0	0	0	0	0	0
	010	0	0	0	0	0	0	0	0	0	0	0	0
	011	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 1-4a	001	1	-3	-61	-52	184	-4	1	-4	-90	-52	96	0
	002	-1	-5	-105	-162	-117	9	-1	-3	-80	-162	-117	9
	003	-3	-20	-418	-649	-469	37	-3	-12	-321	-649	-469	37
	004	0	0	0	0	0	0	0	0	0	0	0	0
	005	-1	-5	-142	-9	-160	8	-1	-4	-109	-9	-160	8
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	0	0	0	0	0	0	0	0	0
	008	0	1	-98	86	-134	-1	0	1	-71	86	-134	-1
	009	1	9	145	8	193	-18	1	6	105	8	193	-18
	010	0	1	-98	86	-134	-1	0	1	-71	86	-134	-1
	011	0	-10	-46	-94	-59	19	0	-6	-34	-94	-59	19
Trave Acciaio 3a-15a	001	0	0	2	0	25	0	0	0	0	0	0	0
	002	0	0	0	0	0	0	0	0	0	0	0	0
	003	0	0	0	0	0	0	0	0	0	0	0	0
	004	0	0	0	0	0	0	0	0	0	0	0	0
	005	0	0	0	0	0	0	0	0	0	0	0	0
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	0	0	0	0	0	0	0	0	0
	008	0	0	0	0	0	0	0	0	0	0	0	0
	009	0	0	0	0	0	0	0	0	0	0	0	0
	010	0	0	0	0	0	0	0	0	0	0	0	0
	011	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 1-3a	001	3	-1	-143	40	-15	-1	3	-1	-131	40	-103	-1
	002	1	0	-222	77	-354	-2	1	-1	-149	77	-354	-2
	003	3	-1	-887	308	-1,414	-8	3	-2	-594	308	-1,414	-8
	004	0	0	0	0	0	0	0	0	0	0	0	0
	005	1	0	-213	18	-341	-2	1	-1	-142	18	-341	-2
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	-2	0	0	0	0	0	-2	0	0
	008	0	4	-89	-109	-108	-7	0	3	-67	-109	-108	-7
	009	0	5	176	31	253	-14	0	2	124	31	253	-14
	010	0	4	-89	-109	-108	-7	0	3	-67	-109	-108	-7
	011	0	-10	-87	78	-145	21	0	-5	-57	78	-145	21
Trave Acciaio 2a-14a	001	0	0	2	0	25	0	0	0	0	0	0	0
	002	0	0	0	0	0	0	0	0	0	0	0	0
	003	0	0	0	0	0	0	0	0	0	0	0	0
	004	0	0	0	0	0	0	0	0	0	0	0	0
	005	0	0	0	0	0	0	0	0	0	0	0	0
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	0	0	0	0	0	0	0	0	0
	008	0	0	0	0	0	0	0	0	0	0	0	0
	009	0	0	0	0	0	0	0	0	0	0	0	0
	010	0	0	0	0	0	0	0	0	0	0	0	0
	011	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 1-2a	001	3	-2	-1	184	252	1	3	-2	-44	184	164	1
	002	0	-2	-63	217	-71	0	0	-2	-48	217	-71	0
	003	0	-7	-251	868	-284	1	0	-7	-192	868	-284	1
	004	0	0	0	0	0	0	0	0	0	0	0	0
	005	0	-2	-60	210	-68	0	0	-2	-46	210	-68	0
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	5	0	0	0	0	0	5	0	0
	008	0	-1	-45	-129	-56	3	0	0	-33	-129	-56	3
	009	0	9	247	30	340	-25	0	4	177	30	340	-25
	010	0	-1	-45	-129	-56	3	0	0	-33	-129	-56	3
	011	0	-8	-202	98	-283	21	0	-4	-143	98	-283	21
Trave Acciaio 7a-19a	001	0	0	2	0	25	0	0	0	0	0	0	0
	002	0	0	0	0	0	0	0	0	0	0	0	0
	003	0	0	0	0	0	0	0	0	0	0	0	0
	004	0	0	0	0	0	0	0	0	0	0	0	0
	005	0	0	0	0	0	0	0	0	0	0	0	0
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	0	0	0	0	0	0	0	0	0
	008	0	0	0	0	0	0	0	0	0	0	0	0
	009	0	0	0	0	0	0	0	0	0	0	0	0
	010	0	0	0	0	0	0	0	0	0	0	0	0
	011	0	0	0	0	0	0	0	0	0	0	0	0



Travi - Sollecitazioni per condizioni di carico non sismiche													
Id <sub>Tr</sub>	CC	Estr. Inz.						Estr. Fin.					
		M <sub>1</sub> [N-m]	M <sub>2</sub> [N-m]	M <sub>3</sub> [N-m]	N [N]	T <sub>2</sub> [N]	T <sub>3</sub> [N]	M <sub>1</sub> [N-m]	M <sub>2</sub> [N-m]	M <sub>3</sub> [N-m]	N [N]	T <sub>2</sub> [N]	T <sub>3</sub> [N]
Trave Acciaio 2a-7a	001	0	-2	-44	184	139	1	0	-1	46	184	-310	1
	002	0	-2	-48	217	-71	0	0	-1	27	217	-71	0
	003	0	-7	-192	868	-284	1	0	-6	108	868	-284	1
	004	0	0	0	0	0	0	0	0	0	0	0	0
	005	0	-2	-46	210	-68	0	0	-1	26	210	-68	0
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	5	0	0	0	0	0	5	0	0
	008	0	0	-33	-129	-56	3	0	3	26	-129	-56	3
	009	0	4	177	30	340	-25	0	-22	-182	30	340	-25
	010	0	0	-33	-129	-56	3	0	3	26	-129	-56	3
	011	0	-4	-143	98	-283	21	0	19	156	98	-283	21
Trave Acciaio 8a-20a	001	0	0	2	0	25	0	0	0	0	0	0	0
	002	0	0	0	0	0	0	0	0	0	0	0	0
	003	0	0	0	0	0	0	0	0	0	0	0	0
	004	0	0	0	0	0	0	0	0	0	0	0	0
	005	0	0	0	0	0	0	0	0	0	0	0	0
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	0	0	0	0	0	0	0	0	0
	008	0	0	0	0	0	0	0	0	0	0	0	0
	009	0	0	0	0	0	0	0	0	0	0	0	0
	010	0	0	0	0	0	0	0	0	0	0	0	0
	011	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 3a-8a	001	1	-1	-131	40	-128	-1	1	-3	242	40	-577	-1
	002	1	-1	-149	77	-354	-2	1	-3	225	77	-354	-2
	003	3	-2	-594	308	-1,414	-8	3	-11	900	308	-1,414	-8
	004	0	0	0	0	0	0	0	0	0	0	0	0
	005	1	-1	-142	18	-341	-2	1	-2	218	18	-341	-2
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	-2	0	0	0	0	0	-2	0	0
	008	0	3	-67	-109	-108	-7	0	-4	47	-109	-108	-7
	009	0	2	124	31	253	-14	0	-13	-144	31	253	-14
	010	0	3	-67	-109	-108	-7	0	-4	47	-109	-108	-7
	011	0	-5	-57	78	-145	21	0	17	96	78	-145	21
Trave Acciaio 9a-21a	001	0	0	2	0	25	0	0	0	0	0	0	0
	002	0	0	0	0	0	0	0	0	0	0	0	0
	003	0	0	0	0	0	0	0	0	0	0	0	0
	004	0	0	0	0	0	0	0	0	0	0	0	0
	005	0	0	0	0	0	0	0	0	0	0	0	0
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	0	0	0	0	0	0	0	0	0
	008	0	0	0	0	0	0	0	0	0	0	0	0
	009	0	0	0	0	0	0	0	0	0	0	0	0
	010	0	0	0	0	0	0	0	0	0	0	0	0
	011	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 4a-9a	001	0	0	-91	-52	71	3	0	3	71	-52	-378	3
	002	0	0	-80	-162	-118	2	0	3	44	-162	-118	2
	003	0	2	-322	-648	-472	10	0	12	177	-648	-472	10
	004	0	0	0	0	0	0	0	0	0	0	0	0
	005	0	0	-109	-9	-160	1	0	2	60	-9	-160	1
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	0	0	0	0	0	0	0	0	0
	008	0	3	-71	87	-133	-5	0	-2	70	87	-133	-5
	009	0	2	105	8	194	-10	0	-10	-100	8	194	-10
	010	0	3	-71	87	-133	-5	0	-2	70	87	-133	-5
	011	0	-5	-34	-94	-60	16	0	12	30	-94	-60	16
Trave Acciaio 10a-22a	001	0	0	2	0	25	0	0	0	0	0	0	0
	002	0	0	0	0	0	0	0	0	0	0	0	0
	003	0	0	0	0	0	0	0	0	0	0	0	0
	004	0	0	0	0	0	0	0	0	0	0	0	0
	005	0	0	0	0	0	0	0	0	0	0	0	0
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	0	0	0	0	0	0	0	0	0
	008	0	0	0	0	0	0	0	0	0	0	0	0
	009	0	0	0	0	0	0	0	0	0	0	0	0
	010	0	0	0	0	0	0	0	0	0	0	0	0
	011	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 5a-10a	001	0	-1	-208	333	-272	3	0	2	317	333	-721	3
	002	0	0	-132	193	-301	1	0	1	186	193	-301	1
	003	0	2	-529	771	-1,204	3	0	5	744	771	-1,204	3
	004	0	0	0	0	0	0	0	0	0	0	0	0
	005	0	0	-196	247	-456	1	0	1	286	247	-456	1
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	0	0	0	0	0	0	0	0	0
	008	0	-1	-34	-35	-59	2	0	1	29	-35	-59	2



Travi - Sollecitazioni per condizioni di carico non sismiche													
Id <sub>Tr</sub>	CC	Estr. Inz.						Estr. Fin.					
		M <sub>1</sub> [N-m]	M <sub>2</sub> [N-m]	M <sub>3</sub> [N-m]	N [N]	T <sub>2</sub> [N]	T <sub>3</sub> [N]	M <sub>1</sub> [N-m]	M <sub>2</sub> [N-m]	M <sub>3</sub> [N-m]	N [N]	T <sub>2</sub> [N]	T <sub>3</sub> [N]
	009	0	-2	111	37	215	-4	0	-7	-116	37	215	-4
	010	0	-1	-34	-35	-59	2	0	1	29	-35	-59	2
	011	0	3	-77	-2	-156	2	0	5	88	-2	-156	2
Trave Acciaio 11a-23a	001	0	0	2	0	25	0	0	0	0	0	0	0
	002	0	0	0	0	0	0	0	0	0	0	0	0
	003	0	0	0	0	0	0	0	0	0	0	0	0
	004	0	0	0	0	0	0	0	0	0	0	0	0
	005	0	0	0	0	0	0	0	0	0	0	0	0
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	0	0	0	0	0	0	0	0	0
	008	0	0	0	0	0	0	0	0	0	0	0	0
	009	0	0	0	0	0	0	0	0	0	0	0	0
	010	0	0	0	0	0	0	0	0	0	0	0	0
	011	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 6a-11a	001	0	1	-134	-513	-45	5	0	7	151	-513	-494	5
	002	0	1	-91	-294	-162	3	0	4	80	-294	-162	3
	003	0	5	-363	-1,175	-648	12	0	17	322	-1,175	-648	12
	004	0	0	0	0	0	0	0	0	0	0	0	0
	005	0	2	-116	-561	-213	4	0	6	109	-561	-213	4
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	0	0	0	0	0	0	0	0	0
	008	0	0	-36	-41	-62	1	0	1	30	-41	-62	1
	009	0	-1	70	46	142	-10	0	-11	-80	46	142	-10
	010	0	0	-36	-41	-62	1	0	1	30	-41	-62	1
	011	0	1	-34	-5	-79	9	0	11	49	-5	-79	9
Trave Acciaio 3-6	001	0	0	0	-1	109	0	0	0	1	-1	-109	0
	002	0	0	4	-1	13	0	0	0	4	-1	-13	0
	003	0	0	16	-4	50	0	0	1	17	-4	-52	0
	004	0	0	0	0	0	0	0	0	0	0	0	0
	005	0	0	1	-1	8	0	0	0	1	-1	-8	0
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	0	0	0	0	0	0	0	0	0
	008	0	0	0	-1	0	0	0	1	0	-1	0	0
	009	0	0	0	-6	0	0	0	1	0	-6	0	0
	010	0	0	0	-1	0	0	0	1	0	-1	0	0
	011	0	0	0	7	0	-1	0	-2	0	7	0	-1
Trave Acciaio 24a-6	001	0	1	101	0	362	-1	0	0	0	0	-179	-1
	002	0	1	-21	0	396	-1	0	0	-4	0	-451	-1
	003	0	3	-86	0	1,581	-4	0	-1	-17	0	-1,803	-4
	004	0	0	0	0	0	0	0	0	0	0	0	0
	005	0	1	128	0	372	-1	0	0	-1	0	-135	-1
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	0	0	0	0	0	0	0	0	0
	008	0	1	-5	0	-5	-1	0	-1	0	0	-5	-1
	009	0	5	1	0	1	-6	0	-1	0	0	1	-6
	010	0	1	-5	0	-5	-1	0	-1	0	0	-5	-1
	011	0	-6	4	1	4	7	0	2	0	1	4	7
Trave Acciaio 12a-3	001	0	-1	113	0	381	1	0	0	-3	0	-168	1
	002	0	-1	-9	0	419	1	0	0	-5	0	-436	1
	003	0	-4	-34	0	1,673	4	0	0	-18	0	-1,742	4
	004	0	0	0	0	0	0	0	0	0	0	0	0
	005	0	-1	144	0	390	1	0	0	-1	0	-122	1
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	0	0	0	0	0	0	0	0	0
	008	0	-2	0	0	0	1	0	0	0	0	0	1
	009	0	-6	7	0	6	6	0	0	0	0	6	6
	010	0	-2	0	0	0	1	0	0	0	0	0	1
	011	0	8	-7	-1	-6	-7	0	0	0	-1	-6	-7
Trave Acciaio 1a-1	001	0	0	0	0	-118	2	0	0	93	0	-316	2
	002	0	0	0	0	-44	1	0	0	75	0	-335	1
	003	0	-2	0	-1	-177	5	0	1	302	-1	-1,340	5
	004	0	0	0	0	0	0	0	0	0	0	0	0
	005	0	-1	0	0	-26	6	0	2	45	0	-200	6
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	0	0	0	0	0	0	0	0	0
	008	0	-2	0	0	0	28	0	11	0	0	0	28
	009	0	-3	0	0	0	49	0	19	0	0	0	49
	010	0	-2	0	0	0	28	0	11	0	0	0	28
	011	-1	5	0	1	-1	-77	-1	-30	0	1	-1	-77
Trave Acciaio 1a-26a	001	0	0	0	2	118	0	0	1	0	2	-124	0
	002	0	0	0	1	44	0	0	1	0	1	-57	0
	003	0	2	0	5	177	1	0	2	0	5	-227	1
	004	0	0	0	0	0	0	0	0	0	0	0	0



Travi - Sollecitazioni per condizioni di carico non sismiche													
Id <sub>Tr</sub>	CC	Estr. Inz.						Estr. Fin.					
		M <sub>1</sub> [N-m]	M <sub>2</sub> [N-m]	M <sub>3</sub> [N-m]	N [N]	T <sub>2</sub> [N]	T <sub>3</sub> [N]	M <sub>1</sub> [N-m]	M <sub>2</sub> [N-m]	M <sub>3</sub> [N-m]	N [N]	T <sub>2</sub> [N]	T <sub>3</sub> [N]
	005	0	1	0	6	26	0	0	1	0	6	-34	0
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	0	0	0	0	0	0	0	0	0
	008	0	2	0	28	0	-2	0	-1	0	28	0	-2
	009	0	3	0	49	0	-2	0	-1	0	49	0	-2
	010	0	2	0	28	0	-2	0	-1	0	28	0	-2
	011	0	-5	1	-77	1	4	0	2	-1	-77	1	4
Trave Acciaio 26a-4	001	0	1	0	0	-124	-2	0	0	71	0	-289	-2
	002	0	1	0	0	-57	-1	0	0	61	0	-305	-1
	003	0	2	0	1	-227	-5	0	1	243	1	-1,221	-5
	004	0	0	0	0	0	0	0	0	0	0	0	0
	005	0	1	0	0	-34	-6	0	-2	36	0	-183	-6
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	0	0	0	0	0	0	0	0	0
	008	0	-1	0	0	0	-28	0	-11	0	0	0	-28
	009	0	-1	0	0	0	-49	0	-18	0	0	0	-49
	010	0	-1	0	0	0	-28	0	-11	0	0	0	-28
	011	-1	2	0	-1	1	77	-1	29	0	-1	1	77
Trave Acciaio 13a-3	001	0	3	162	693	305	-8	0	-5	-35	693	68	-8
	002	0	2	224	379	227	-5	0	-3	-17	379	227	-5
	003	0	8	897	1,514	907	-20	0	-13	-67	1,514	907	-20
	004	0	0	0	0	0	0	0	0	0	0	0	0
	005	0	2	119	447	387	-6	0	-4	-24	447	-113	-6
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	0	0	0	0	0	0	0	0	0
	008	0	0	2	-3	2	0	0	0	0	-3	2	0
	009	0	-4	-3	-4	-3	4	0	0	0	-4	-3	4
	010	0	0	2	-3	2	0	0	0	0	-3	2	0
	011	0	4	1	7	2	-4	0	0	0	7	2	-4
Trave Acciaio 25a-6	001	0	-3	147	729	291	7	0	5	-34	729	57	7
	002	0	-2	208	427	219	4	0	3	-19	427	219	4
	003	0	-6	829	1,707	873	16	0	11	-76	1,707	873	16
	004	0	0	0	0	0	0	0	0	0	0	0	0
	005	0	-2	100	504	369	5	0	3	-26	504	-132	5
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	0	0	0	0	0	0	0	0	0
	008	0	0	1	6	1	0	0	0	0	6	1	0
	009	0	3	-4	4	-4	-4	0	-1	0	4	-4	-4
	010	0	0	1	6	1	0	0	0	0	6	1	0
	011	0	-3	3	-9	2	4	0	1	1	-9	2	4
Trave Acciaio 3-6	001	0	1	-2	19	109	0	0	2	-2	19	-109	0
	002	0	0	-2	11	0	0	0	1	-2	11	0	0
	003	0	2	-10	43	0	2	0	5	-9	43	0	2
	004	0	0	0	0	0	0	0	0	0	0	0	0
	005	0	1	0	13	18	1	0	1	1	13	-19	1
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	0	0	0	0	0	0	0	0	0
	008	0	0	0	0	0	0	0	0	0	0	0	0
	009	0	0	0	-4	0	0	0	1	0	-4	0	0
	010	0	0	0	0	0	0	0	0	0	0	0	0
	011	0	0	0	4	0	-1	0	-1	0	4	0	-1
Trave Acciaio 10a-2	001	-3	2	317	333	-746	3	-3	3	473	333	-773	3
	002	0	1	186	193	-301	1	0	1	248	193	-301	1
	003	0	5	744	771	-1,204	3	0	5	992	771	-1,204	3
	004	0	0	0	0	0	0	0	0	0	0	0	0
	005	0	1	286	247	-456	1	0	2	380	247	-456	1
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	0	0	0	0	0	0	0	0	0
	008	0	1	29	-35	-59	2	0	2	41	-35	-59	2
	009	0	-7	-116	37	215	-4	0	-8	-161	37	215	-4
	010	0	1	29	-35	-59	2	0	2	41	-35	-59	2
	011	0	5	88	-2	-156	2	0	6	120	-2	-156	2
Trave Acciaio 5-6	001	0	-26	24	-861	36	11	0	0	0	-832	-16	11
	002	0	-15	15	-497	6	6	0	0	0	-497	6	6
	003	0	-61	59	-1,986	24	25	0	0	0	-1,986	24	25
	004	0	0	0	0	0	0	0	0	0	0	0	0
	005	0	-18	17	-586	7	7	0	0	0	-586	7	7
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	0	0	0	0	0	0	0	0	0
	008	0	0	0	-7	0	0	0	0	0	-7	0	0
	009	0	0	0	-5	0	0	0	0	0	-5	0	0
	010	0	0	0	-7	0	0	0	0	0	-7	0	0
	011	0	0	0	12	0	0	0	0	0	12	0	0



Travi - Sollecitazioni per condizioni di carico non sismiche													
Id <sub>Tr</sub>	CC	Estr. Inz.						Estr. Fin.					
		M <sub>1</sub>	M <sub>2</sub>	M <sub>3</sub>	N	T <sub>2</sub>	T <sub>3</sub>	M <sub>1</sub>	M <sub>2</sub>	M <sub>3</sub>	N	T <sub>2</sub>	T <sub>3</sub>
		[N-m]	[N-m]	[N-m]	[N]	[N]	[N]	[N-m]	[N-m]	[N-m]	[N]	[N]	[N]
Trave Acciaio 3-2	001	0	0	7	-788	20	-10	0	-25	23	-817	-33	-10
	002	0	0	4	-438	-4	-6	0	-13	13	-438	-4	-6
	003	0	-1	17	-1,752	-15	-22	0	-54	52	-1,752	-15	-22
	004	0	0	0	0	0	0	0	0	0	0	0	0
	005	0	0	5	-517	-4	-7	0	-16	15	-517	-4	-7
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	0	0	0	0	0	0	0	0	0
	008	0	0	0	3	0	0	0	0	0	3	0	0
	009	0	0	0	6	0	0	0	0	0	6	0	0
	010	0	0	0	3	0	0	0	0	0	3	0	0
	011	0	0	0	-9	0	0	0	0	0	-9	0	0
Trave Acciaio 12a-24a	001	0	0	-1	2	110	0	0	0	-1	2	-110	0
	002	0	0	0	3	44	0	0	0	-1	3	-44	0
	003	0	-2	-2	13	176	1	0	-1	-2	13	-175	1
	004	0	0	0	0	0	0	0	0	0	0	0	0
	005	0	0	0	3	26	0	0	0	0	3	-26	0
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	0	0	0	0	0	0	0	0	0
	008	0	-2	0	9	0	2	0	1	0	9	0	2
	009	0	-4	0	40	0	2	0	0	0	40	0	2
	010	0	-2	0	9	0	2	0	1	0	9	0	2
	011	0	6	0	-49	0	-5	0	-1	0	-49	0	-5
Trave Acciaio 5-24a	001	0	-1	864	0	1,006	1	0	1	100	0	472	1
	002	0	-1	861	0	1,272	2	0	1	-22	0	439	2
	003	0	-5	3,440	-1	5,084	9	0	4	-87	-1	1,756	9
	004	0	0	0	0	0	0	0	0	0	0	0	0
	005	0	-1	796	0	897	2	0	1	128	0	398	2
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	0	0	0	0	0	0	0	0	0
	008	0	-9	-10	-3	-5	8	0	-1	-5	-3	-5	8
	009	0	-29	3	-3	1	34	0	6	1	-3	1	34
	010	0	-9	-10	-3	-5	8	0	-1	-5	-3	-5	8
	011	0	38	7	5	3	-41	0	-5	4	5	3	-41
Trave Acciaio 2-12a	001	0	0	895	0	1,025	-1	0	-1	111	0	490	-1
	002	0	1	897	0	1,295	-2	0	-1	-9	0	463	-2
	003	0	4	3,587	1	5,177	-9	0	-6	-37	1	1,849	-9
	004	0	0	0	0	0	0	0	0	0	0	0	0
	005	0	1	831	0	915	-2	0	-1	143	0	416	-2
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	0	0	0	0	0	0	0	0	0
	008	0	4	0	3	0	-8	0	-4	0	3	0	-8
	009	0	24	13	3	6	-34	0	-11	7	3	6	-34
	010	0	4	0	3	0	-8	0	-4	0	3	0	-8
	011	0	-28	-13	-5	-6	41	0	15	-7	-5	-6	41
Trave Acciaio 13a-25a	001	0	0	-1	-16	110	0	0	0	-1	-16	-110	0
	002	0	0	0	-10	0	0	0	1	0	-10	0	0
	003	0	-1	0	-42	0	2	0	2	0	-42	0	2
	004	0	0	0	0	0	0	0	0	0	0	0	0
	005	0	0	0	-12	26	1	0	1	0	-12	-26	1
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	0	0	0	0	0	0	0	0	0
	008	0	-1	0	2	0	1	0	1	0	2	0	1
	009	0	-2	0	23	0	1	0	0	0	23	0	1
	010	0	-1	0	2	0	1	0	1	0	2	0	1
	011	0	3	0	-25	0	-2	0	-1	0	-25	0	-2
Trave Acciaio 5-25a	001	0	6	684	729	634	-9	0	-3	148	729	400	-9
	002	0	5	434	427	218	-6	0	-2	208	427	218	-6
	003	0	19	1,735	1,705	873	-26	0	-8	830	1,705	873	-26
	004	0	0	0	0	0	0	0	0	0	0	0	0
	005	0	5	766	503	894	-7	0	-2	101	503	395	-7
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	0	0	0	0	0	0	0	0	0
	008	0	-2	2	5	1	1	0	-1	1	5	1	1
	009	0	-17	-8	2	-3	20	0	3	-4	2	-3	20
	010	0	-2	2	5	1	1	0	-1	1	5	1	1
	011	0	19	5	-7	2	-21	0	-3	3	-7	2	-21
Trave Acciaio 2-13a	001	0	-6	714	694	648	8	0	3	163	694	414	8
	002	0	-4	460	379	227	6	0	2	224	379	227	6
	003	0	-16	1,838	1,515	907	22	0	7	897	1,515	907	22
	004	0	0	0	0	0	0	0	0	0	0	0	0
	005	0	-5	804	447	912	6	0	2	119	447	414	6
	006	0	0	0	0	0	0	0	0	0	0	0	0
	007	0	0	0	0	0	0	0	0	0	0	0	0
	008	0	0	3	-1	1	-1	0	-1	2	-1	1	-1



Travi - Sollecitazioni per condizioni di carico non sismiche													
Id <sub>Tr</sub>	CC	Estr. Inz.						Estr. Fin.					
		M <sub>1</sub>	M <sub>2</sub>	M <sub>3</sub>	N	T <sub>2</sub>	T <sub>3</sub>	M <sub>1</sub>	M <sub>2</sub>	M <sub>3</sub>	N	T <sub>2</sub>	T <sub>3</sub>
		[N-m]	[N-m]	[N-m]	[N]	[N]	[N]	[N-m]	[N-m]	[N-m]	[N]	[N]	[N]
009		0	15	-7	-3	-3	-20	0	-6	-3	-3	-3	-20
010		0	0	3	-1	1	-1	0	-1	2	-1	1	-1
011		0	-15	3	5	2	21	0	7	1	5	2	21

## LEGENDA:

**Id<sub>Tr</sub>** Identificativo della trave. L'eventuale lettera tra parentesi distingue i diversi tratti della travata al livello considerato.

**CC** Identificativo della tipologia di carico nella relativa tabella.

**Estr.** Sollecitazione caratteristiche relative al sistema di riferimento locale 1, 2, 3 (N > 0: compressione).

**Inz./Fin.**

## TRAVI - SOLLECITAZIONI PER EFFETTO DEL SISMA

Travi - Sollecitazioni per effetto del sisma													
Id <sub>Tr</sub>	Di r	Estr. Inz.						Estr. Fin.					
		M <sub>1</sub>	M <sub>2</sub>	M <sub>3</sub>	N	T <sub>2</sub>	T <sub>3</sub>	M <sub>1</sub>	M <sub>2</sub>	M <sub>3</sub>	N	T <sub>2</sub>	T <sub>3</sub>
		[N-m]	[N-m]	[N-m]	[N]	[N]	[N]	[N-m]	[N-m]	[N-m]	[N]	[N]	[N]
<b>Piano copertura</b>													
<b>Travata: Piano copertura</b>													
Trave Acciaio 2-5	X	0	4	54	28	6	2	0	2	48	28	6	2
	Y	0	17	1,565	6	2,277	24	0	17	1,565	6	2,277	24
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 7a-2	X	0	5	705	190	1,312	4	0	7	974	190	1,312	4
	Y	0	15	216	251	460	30	0	21	310	251	460	30
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 4-5	X	0	2	914	175	1,257	4	0	5	935	175	1,257	4
	Y	0	22	358	255	448	29	0	21	301	255	448	29
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 4-5	X	0	7	745	274	970	2	0	4	683	274	970	2
	Y	0	41	376	787	439	56	0	41	269	787	439	56
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 2-5	X	0	9	32	1,442	11	2	0	4	20	1,442	11	2
	Y	0	36	1,716	47	2,496	49	0	34	1,718	47	2,496	49
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 8a-2	X	9	19	481	158	989	33	9	26	684	158	989	33
	Y	4	23	181	774	447	105	4	43	271	774	447	105
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 1-4	X	0	7	47	98	6	0	0	7	48	98	6	0
	Y	2	28	922	4	1,340	43	2	31	920	4	1,340	43
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 9a-2	X	0	4	283	544	448	22	0	8	375	544	448	22
	Y	2	4	183	149	345	75	2	19	255	149	345	75
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 4-5	X	0	19	339	453	513	19	0	7	416	453	513	19
	Y	2	20	246	144	342	24	2	15	254	144	342	24
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 1-4	X	0	21	15	1,406	28	12	0	5	25	1,406	28	12
	Y	0	14	868	26	1,260	21	0	16	869	26	1,260	21
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 4-5	X	0	12	294	537	370	11	0	4	249	537	370	11
	Y	0	2	74	288	120	5	0	8	104	288	120	5
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 2-5	X	0	1	38	21	14	5	0	6	16	21	14	5
	Y	0	10	806	4	1,171	14	0	10	804	4	1,171	14
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 4-5	X	0	5	178	150	247	6	0	4	185	150	247	6
	Y	0	10	15	52	27	16	0	14	31	52	27	16
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 2-5	X	0	3	8	31	4	4	0	4	1	31	4	4
	Y	0	13	362	4	527	13	0	8	362	4	527	13
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 11a-2	X	0	2	142	221	269	1	0	2	199	221	269	1
	Y	5	7	29	52	31	80	5	21	34	52	31	80
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 1-4	X	0	7	20	176	6	8	0	4	19	176	6	8
	Y	0	5	396	5	577	12	0	13	396	5	577	12
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 4-5	X	0	5	100	2	136	6	0	4	98	2	136	6
	Y	0	9	13	106	10	14	0	11	16	106	10	14
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 2-5	X	0	2	13	24	4	3	0	4	8	24	4	3
	Y	0	9	159	0	232	11	0	5	160	0	232	11
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 1-2	X	0	0	106	2	144	1	0	2	104	2	144	1
	Y	0	12	13	107	13	15	0	9	16	107	13	15



Travi - Sollecitazioni per effetto del sisma

Id <sub>Tr</sub>	D <sub>r</sub>	Estr. Inz.						Estr. Fin.					
		M <sub>1</sub>	M <sub>2</sub>	M <sub>3</sub>	N	T <sub>2</sub>	T <sub>3</sub>	M <sub>1</sub>	M <sub>2</sub>	M <sub>3</sub>	N	T <sub>2</sub>	T <sub>3</sub>
		[N-m]	[N-m]	[N-m]	[N]	[N]	[N]	[N-m]	[N-m]	[N-m]	[N]	[N]	[N]
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 1-4	X	0	5	6	73	3	4	0	2	2	73	3	4
	Y	0	9	158	2	231	17	0	10	161	2	231	17
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 6a-18a	X	0	0	0	0	0	2	0	0	0	0	0	2
	Y	0	0	0	4	0	0	0	0	0	4	0	0
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 1-6a	X	0	2	188	100	267	2	0	2	134	100	267	2
	Y	4	7	17	51	28	46	4	13	15	51	28	46
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 5a-17a	X	0	0	0	0	0	2	0	0	0	0	0	2
	Y	0	0	0	4	0	0	0	0	0	4	0	0
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 1-5a	X	0	14	305	687	382	9	0	12	226	687	382	9
	Y	4	6	80	297	123	49	4	5	53	297	123	49
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 4a-16a	X	0	0	0	0	0	2	0	0	0	0	0	2
	Y	0	0	0	0	0	0	0	0	0	0	0	0
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 1-4a	X	2	16	276	430	449	10	2	14	184	430	449	10
	Y	2	6	254	140	350	42	2	11	182	140	350	42
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 3a-15a	X	0	0	0	0	0	2	0	0	0	0	0	2
	Y	0	0	0	0	0	0	0	0	0	0	0	0
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 1-3a	X	2	11	765	260	986	9	2	9	558	260	986	9
	Y	4	38	382	783	445	36	4	31	289	783	445	36
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 2a-14a	X	0	0	0	0	0	0	0	0	0	0	0	0
	Y	0	0	0	0	0	0	0	0	0	0	0	0
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 1-2a	X	0	2	953	190	1,312	4	0	2	682	190	1,312	4
	Y	0	22	364	251	460	30	0	17	270	251	460	30
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 7a-19a	X	0	0	0	0	0	0	0	0	0	0	0	0
	Y	0	0	0	0	0	0	0	0	0	0	0	0
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 2a-7a	X	0	2	682	190	1,312	4	0	5	705	190	1,312	4
	Y	0	17	270	251	460	30	0	15	216	251	460	30
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 8a-20a	X	0	0	0	0	0	2	0	0	0	0	0	2
	Y	0	0	0	0	0	0	0	0	0	0	0	0
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 3a-8a	X	2	7	561	209	988	8	2	2	482	209	988	8
	Y	0	31	289	779	444	59	0	31	179	779	444	59
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 9a-21a	X	0	0	0	0	0	2	0	0	0	0	0	2
	Y	0	0	0	2	0	0	0	0	0	2	0	0
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 4a-9a	X	0	20	186	488	446	21	0	2	285	488	446	21
	Y	2	16	182	146	348	22	2	5	185	146	348	22
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 10a-22a	X	0	0	0	0	0	2	0	0	0	0	0	2
	Y	0	0	0	2	0	0	0	0	0	2	0	0
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 5a-10a	X	0	12	230	630	381	9	0	4	174	630	381	9
	Y	0	5	57	294	125	6	0	2	82	294	125	6
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 11a-23a	X	0	0	0	0	0	2	0	0	0	0	0	2
	Y	0	0	0	2	0	0	0	0	0	2	0	0
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 6a-11a	X	0	0	137	159	267	1	0	2	145	159	267	1
	Y	0	13	14	51	30	18	0	7	29	51	30	18
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 3-6	X	0	0	4	12	0	0	0	0	4	12	0	0
	Y	0	2	14	9	14	2	0	2	14	9	14	2
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 24a-6	X	0	0	409	4	380	0	0	0	17	4	380	0
	Y	0	0	23	6	23	2	0	2	0	6	23	2
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 12a-3	X	0	2	407	9	367	2	0	0	15	9	367	2
	Y	0	2	21	9	21	4	0	2	0	9	21	4



Travi - Sollecitazioni per effetto del sisma													
Id <sub>Tr</sub>	D <sub>r</sub>	Estr. Inz.						Estr. Fin.					
		M <sub>1</sub>	M <sub>2</sub>	M <sub>3</sub>	N	T <sub>2</sub>	T <sub>3</sub>	M <sub>1</sub>	M <sub>2</sub>	M <sub>3</sub>	N	T <sub>2</sub>	T <sub>3</sub>
		[N-m]	[N-m]	[N-m]	[N]	[N]	[N]	[N-m]	[N-m]	[N-m]	[N]	[N]	[N]
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 1a-1	X	0	9	329	5,711	2,987	200	0	81	1,016	5,711	2,987	200
	Y	2	6	26	471	7	22	2	10	25	471	7	22
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 1a-26a	X	0	9	7	87	2	5	0	2	5	87	2	5
	Y	0	6	10	6	13	7	0	6	10	6	13	7
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 26a-4	X	0	2	253	4,417	3,001	174	0	60	797	4,417	3,001	174
	Y	2	6	43	722	40	30	2	14	56	722	40	30
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 13a-3	X	0	0	60	172	64	2	0	4	8	172	64	2
	Y	0	22	19	68	18	58	0	40	1	68	18	58
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 25a-6	X	0	0	60	189	67	2	0	0	8	189	67	2
	Y	0	25	18	70	17	63	0	41	1	70	17	63
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 3-6	X	0	2	0	4	0	2	0	2	0	4	0	2
	Y	0	41	2	3	4	49	0	41	2	3	4	49
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 10a-2	X	0	2	170	582	384	9	0	0	250	582	384	9
	Y	4	2	84	289	128	59	4	15	111	289	128	59
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 5-6	X	0	5	5	155	2	2	0	0	0	155	2	2
	Y	0	2	2	31	2	2	0	0	0	31	2	2
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 3-2	X	0	0	2	134	2	2	0	5	5	134	2	2
	Y	0	0	0	23	0	0	0	2	2	23	0	0
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 12a-24a	X	0	0	19	26	0	0	0	0	19	26	0	0
	Y	0	2	26	2	31	2	0	2	26	2	31	2
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 5-24a	X	0	16	930	630	1,313	22	0	7	434	630	1,313	22
	Y	2	29	79	1,127	60	40	2	12	21	1,127	60	40
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 2-12a	X	0	18	939	672	1,321	26	0	9	432	672	1,321	26
	Y	2	33	69	1,338	55	47	2	19	21	1,338	55	47
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 13a-25a	X	0	1	0	7	0	2	0	1	0	7	0	2
	Y	0	71	4	9	5	87	0	71	4	9	5	87
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 5-25a	X	0	5	123	252	64	11	0	0	57	252	64	11
	Y	0	80	31	161	16	124	0	48	20	161	16	124
	Z	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 2-13a	X	0	7	121	238	61	8	0	4	55	238	61	8
	Y	0	90	31	158	15	136	0	50	18	158	15	136
	Z	0	0	0	0	0	0	0	0	0	0	0	0

#### LEGENDA:

**Id<sub>Tr</sub>** Identificativo della trave. L'eventuale lettera tra parentesi distingue i diversi tratti della travata al livello considerato.

**Dir** Direzione del sisma.

**Estr.** Sollecitazione caratteristiche relative al sistema di riferimento locale 1, 2, 3 (N > 0: compressione).

**Inz./Fin.**

### TRAVI - SOLLECITAZIONI PER ECCENTRICITÀ ACCIDENTALE

Travi - Sollecitazioni per eccentricità accidentale														
Id <sub>Tr</sub>	D <sub>r</sub>	e	Estr. Inz.						Estr. Fin.					
			M <sub>1</sub> [N-m]	M <sub>2</sub> [N-m]	M <sub>3</sub> [N-m]	N [N]	T <sub>2</sub> [N]	T <sub>3</sub> [N]	M <sub>1</sub> [N-m]	M <sub>2</sub> [N-m]	M <sub>3</sub> [N-m]	N [N]	T <sub>2</sub> [N]	T <sub>3</sub> [N]
Piano copertura														
Travata: Piano copertura														
Trave Acciaio 2-5	X	+	0	0	0	0	0	0	0	0	0	0	0	0
	X	-	0	0	0	0	0	0	0	0	0	0	0	0
	Y	+	0	0	0	0	0	0	0	0	0	0	0	0
	Y	-	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 7a-2	X	+	0	0	0	0	0	0	0	0	0	0	0	0
	X	-	0	0	0	0	0	0	0	0	0	0	0	0
	Y	+	0	0	0	0	0	0	0	0	0	0	0	0
	Y	-	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 4-5	X	+	0	0	0	0	0	0	0	0	0	0	0	0
	X	-	0	0	0	0	0	0	0	0	0	0	0	0
	Y	+	0	0	0	0	0	0	0	0	0	0	0	0
	Y	-	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 4-5	X	+	0	0	0	0	0	0	0	0	0	0	0	0



Travi - Sollecitazioni per eccentricità accidentale

Id <sub>Tr</sub>	D i r e	Estr. Inz.						Estr. Fin.					
		M <sub>1</sub>	M <sub>2</sub>	M <sub>3</sub>	N	T <sub>2</sub>	T <sub>3</sub>	M <sub>1</sub>	M <sub>2</sub>	M <sub>3</sub>	N	T <sub>2</sub>	T <sub>3</sub>
		[N-m]	[N-m]	[N-m]	[N]	[N]	[N]	[N-m]	[N-m]	[N-m]	[N]	[N]	[N]
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 2-5	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 8a-2	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 1-4	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 9a-2	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 4-5	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 1-4	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 4-5	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 2-5	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 4-5	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 2-5	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 11a-2	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 1-4	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 4-5	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 2-5	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 1-2	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 1-4	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 6a-18a	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 1-6a	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0



Travi - Sollecitazioni per eccentricità accidentale

Id <sub>Tr</sub>	Dire	Estr. Inz.						Estr. Fin.					
		M <sub>1</sub>	M <sub>2</sub>	M <sub>3</sub>	N	T <sub>2</sub>	T <sub>3</sub>	M <sub>1</sub>	M <sub>2</sub>	M <sub>3</sub>	N	T <sub>2</sub>	T <sub>3</sub>
		[N-m]	[N-m]	[N-m]	[N]	[N]	[N]	[N-m]	[N-m]	[N-m]	[N]	[N]	[N]
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 5a-17a	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 1-5a	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 4a-16a	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 1-4a	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 3a-15a	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 1-3a	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 2a-14a	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 1-2a	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 7a-19a	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 2a-7a	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 8a-20a	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 3a-8a	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 9a-21a	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 4a-9a	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 10a-22a	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 5a-10a	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 11a-23a	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 6a-11a	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0



Travi - Sollecitazioni per eccentricità accidentale

Id <sub>Tr</sub>	Dire	Estr. Inz.						Estr. Fin.					
		M <sub>1</sub> [N-m]	M <sub>2</sub> [N-m]	M <sub>3</sub> [N-m]	N [N]	T <sub>2</sub> [N]	T <sub>3</sub> [N]	M <sub>1</sub> [N-m]	M <sub>2</sub> [N-m]	M <sub>3</sub> [N-m]	N [N]	T <sub>2</sub> [N]	T <sub>3</sub> [N]
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 3-6	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 24a-6	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 12a-3	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 1a-1	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 1a-26a	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 26a-4	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 13a-3	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 25a-6	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 3-6	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 10a-2	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 5-6	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 3-2	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 12a-24a	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 5-24a	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 2-12a	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 13a-25a	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 5-25a	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0
Trave Acciaio 2-13a	X +	0	0	0	0	0	0	0	0	0	0	0	0
	X -	0	0	0	0	0	0	0	0	0	0	0	0
	Y +	0	0	0	0	0	0	0	0	0	0	0	0
	Y -	0	0	0	0	0	0	0	0	0	0	0	0



Travi - Sollecitazioni per eccentricità accidentale

Id <sub>Tr</sub>	Dire	Estr. Inz.						Estr. Fin.					
		M <sub>1</sub>	M <sub>2</sub>	M <sub>3</sub>	N	T <sub>2</sub>	T <sub>3</sub>	M <sub>1</sub>	M <sub>2</sub>	M <sub>3</sub>	N	T <sub>2</sub>	T <sub>3</sub>
		[N-m]	[N-m]	[N-m]	[N]	[N]	[N]	[N-m]	[N-m]	[N-m]	[N]	[N]	[N]

LEGENDA:

**Id<sub>Tr</sub>** Identificativo della trave. L'eventuale lettera tra parentesi distingue i diversi tratti della travata al livello considerato.  
**Dir** Direzione del sisma.  
**e** Segno dell'eccentricità accidentale.  
**Estr.** Sollecitazione caratteristiche relative al sistema di riferimento locale 1, 2, 3 (N > 0: compressione).  
**Inz./Fin.**

PILASTRI - SOLLECITAZIONI PER CONDIZIONI DI CARICO NON SISMICHE

Pilastri - Sollecitazioni per condizioni di carico non sismiche

Id <sub>Pil</sub>	CC	Estr. Inf.						Estr. Sup.						Lv
		M <sub>1</sub>	M <sub>2</sub>	M <sub>3</sub>	N	T <sub>2</sub>	T <sub>3</sub>	M <sub>1</sub>	M <sub>2</sub>	M <sub>3</sub>	N	T <sub>2</sub>	T <sub>3</sub>	
		[N-m]	[N-m]	[N-m]	[N]	[N]	[N]	[N-m]	[N-m]	[N-m]	[N]	[N]	[N]	
Pilastrata: Piano copertura														
Pilastro Acciaio 5	001	10	-48	82	811	-20	102	10	68	105	363	-20	102	01
	002	6	-16	74	53	35	40	6	30	34	53	35	40	01
	003	22	-62	294	210	141	160	22	119	134	210	141	160	01
	004	0	0	0	0	0	0	0	0	0	0	0	0	01
	005	11	-48	72	508	-39	137	11	107	117	508	-39	137	01
	006	0	0	0	0	0	0	0	0	0	0	0	0	01
	007	0	0	0	0	0	0	0	0	0	0	0	0	01
	008	0	4	12	79	-66	-7	0	-4	46	79	6	-7	01
	009	1	45	6	-19	35	-143	1	-56	-13	-19	0	-36	01
	010	0	4	12	79	-66	-7	0	-4	46	79	6	-7	01
	011	-1	-50	-18	-60	30	150	-1	60	-32	-60	-5	43	01
Pilastro Acciaio 4	001	-3	13	-174	630	-145	18	-3	34	-10	181	-145	18	01
	002	-2	12	-60	-52	-23	14	-2	28	-34	-52	-23	14	01
	003	-8	48	-239	-207	-91	56	-8	111	-136	-207	-91	56	01
	004	0	0	0	0	0	0	0	0	0	0	0	0	01
	005	-6	37	-112	368	-123	-59	-6	-30	26	368	-123	-59	01
	006	0	0	0	0	0	0	0	0	0	0	0	0	01
	007	0	0	0	0	0	0	0	0	0	0	0	0	01
	008	2	-28	11	10	-13	80	2	41	5	10	23	44	01
	009	0	4	15	108	-61	3	0	-12	64	108	-25	-33	01
	010	2	-28	11	10	-13	80	2	41	5	10	23	44	01
	011	-2	24	-26	-119	74	-83	-2	-29	-69	-119	3	-12	01
Pilastro Acciaio 1	001	4	-14	-175	628	-145	-15	4	-31	-11	180	-145	-15	01
	002	3	-11	-57	-51	-21	-13	3	-26	-33	-51	-21	-13	01
	003	11	-44	-228	-203	-85	-52	11	-103	-132	-203	-85	-52	01
	004	0	0	0	0	0	0	0	0	0	0	0	0	01
	005	7	-36	-109	370	-121	61	7	32	28	370	-121	61	01
	006	0	0	0	0	0	0	0	0	0	0	0	0	01
	007	0	0	0	0	0	0	0	0	0	0	0	0	01
	008	1	-1	-23	-77	19	6	1	6	-45	-77	19	6	01
	009	2	-34	-20	23	-31	83	2	59	15	23	-31	83	01
	010	1	-1	-23	-77	19	6	1	6	-45	-77	19	6	01
	011	-3	35	43	55	11	-88	-3	-65	30	55	11	-88	01
Pilastro Acciaio 2	001	-9	53	72	808	-28	-107	-9	-68	104	360	-28	-107	01
	002	-5	20	66	50	30	-43	-5	-29	32	50	30	-43	01
	003	-19	78	264	200	121	-170	-19	-115	128	200	121	-170	01
	004	0	0	0	0	0	0	0	0	0	0	0	0	01
	005	-10	53	63	505	-46	-141	-10	-106	114	505	-46	-141	01
	006	0	0	0	0	0	0	0	0	0	0	0	0	01
	007	0	0	0	0	0	0	0	0	0	0	0	0	01
	008	0	31	-12	-12	-24	-80	0	-40	-6	-12	12	-44	01
	009	-1	-11	-16	-112	80	56	-1	12	-66	-112	8	-15	01
	010	0	31	-12	-12	-24	-80	0	-40	-6	-12	12	-44	01
	011	1	-19	28	124	-56	24	1	28	71	124	-20	60	01
Pilastro Acciaio 4	001	4	-100	57	2,650	42	142	4	61	10	2,151	42	142	01
	002	4	-92	124	-318	188	153	4	80	-89	-318	188	153	01
	003	15	-369	496	-1,268	753	611	15	321	-355	-1,268	753	611	01
	004	0	0	0	0	0	0	0	0	0	0	0	0	01
	005	3	-89	123	-263	125	130	3	58	-19	-263	125	130	01
	006	0	0	0	0	0	0	0	0	0	0	0	0	01
	007	0	1	1	1	0	-1	0	0	0	1	0	-1	01
	008	15	-93	5	49	-49	173	15	83	41	49	-13	137	01
	009	19	-4	-21	928	-137	25	19	5	113	928	-101	-11	01
	010	15	-93	5	49	-49	173	15	83	41	49	-13	137	01
	011	-35	96	16	-977	185	-198	-35	-87	-153	-977	114	-127	01
Pilastro Acciaio 1	001	-4	102	61	2,719	52	-148	-4	-65	3	2,220	52	-148	01
	002	-4	97	132	-292	201	-162	-4	-86	-96	-292	201	-162	01
	003	-14	389	526	-1,165	805	-648	-14	-343	-384	-1,165	805	-648	01
	004	0	0	0	0	0	0	0	0	0	0	0	0	01



Pilastri - Sollecitazioni per condizioni di carico non sismiche

Id <sub>PII</sub>	CC	Estr. Inf.						Estr. Sup.						Lv
		M <sub>1</sub>	M <sub>2</sub>	M <sub>3</sub>	N	T <sub>2</sub>	T <sub>3</sub>	M <sub>1</sub>	M <sub>2</sub>	M <sub>3</sub>	N	T <sub>2</sub>	T <sub>3</sub>	
		[N-m]	[N-m]	[N-m]	[N]	[N]	[N]	[N-m]	[N-m]	[N-m]	[N]	[N]	[N]	
	005	-2	93	130	-257	136	-138	-2	-62	-24	-257	136	-138	01
	006	0	0	0	0	0	0	0	0	0	0	0	0	01
	007	0	-1	1	-1	1	1	0	0	0	-1	1	1	01
	008	-2	-11	-39	-650	52	43	-2	37	-97	-650	52	43	01
	009	-8	-100	-69	261	-41	191	-8	116	-23	261	-41	191	01
	010	-2	-11	-39	-650	52	43	-2	37	-97	-650	52	43	01
	011	10	111	108	390	-11	-233	10	-153	120	390	-11	-233	01
Pilastro Acciaio 6	001	0	0	0	-292	0	0	0	0	0	-349	0	0	01
	002	0	0	0	-472	0	0	0	0	0	-472	0	0	01
	003	0	0	0	-1,885	0	0	0	0	0	-1,885	0	0	01
	004	0	0	0	0	0	0	0	0	0	0	0	0	01
	005	0	0	0	-149	0	0	0	0	0	-149	0	0	01
	006	0	0	0	0	0	0	0	0	0	0	0	0	01
	007	0	0	0	0	0	0	0	0	0	0	0	0	01
	008	0	0	0	-5	0	0	0	0	0	-5	0	0	01
	009	0	0	0	1	0	0	0	0	0	1	0	0	01
	010	0	0	0	-5	0	0	0	0	0	-5	0	0	01
	011	0	0	0	4	0	0	0	0	0	4	0	0	01
Pilastro Acciaio 3	001	0	0	0	-276	0	0	0	0	0	-334	0	0	01
	002	0	0	0	-448	0	0	0	0	0	-448	0	0	01
	003	0	0	0	-1,793	0	0	0	0	0	-1,793	0	0	01
	004	0	0	0	0	0	0	0	0	0	0	0	0	01
	005	0	0	0	-130	0	0	0	0	0	-130	0	0	01
	006	0	0	0	0	0	0	0	0	0	0	0	0	01
	007	0	0	0	0	0	0	0	0	0	0	0	0	01
	008	0	0	0	0	0	0	0	0	0	0	0	0	01
	009	0	0	0	6	0	0	0	0	0	6	0	0	01
	010	0	0	0	0	0	0	0	0	0	0	0	0	01
	011	0	0	0	-6	0	0	0	0	0	-6	0	0	01
Pilastro Acciaio 5	001	-5	-8	-147	7,471	18	-122	-5	-146	-168	6,951	18	-122	01
	002	-4	-2	-77	2,724	111	-131	-4	-150	-202	2,724	111	-131	01
	003	-16	-7	-307	10,886	443	-523	-16	-598	-807	10,886	443	-523	01
	004	0	0	0	0	0	0	0	0	0	0	0	0	01
	005	-4	-1	-76	3,754	104	-131	-4	-148	-194	3,754	104	-131	01
	006	0	0	0	0	0	0	0	0	0	0	0	0	01
	007	0	0	3	-1	3	0	0	0	0	-1	3	0	01
	008	5	36	-98	1,035	-232	-94	5	-27	122	1,035	-156	-18	01
	009	-16	126	-26	-199	-75	-246	-16	-109	16	-199	1	-171	01
	010	5	36	-98	1,035	-232	-94	5	-27	122	1,035	-156	-18	01
	011	12	-163	124	-837	307	340	12	136	-137	-837	156	189	01
Pilastro Acciaio 2	001	7	9	-152	7,550	19	124	7	149	-174	7,029	19	124	01
	002	6	0	-79	2,747	117	136	6	154	-211	2,747	117	136	01
	003	22	2	-314	10,979	470	543	22	616	-845	10,979	470	543	01
	004	0	0	0	0	0	0	0	0	0	0	0	0	01
	005	6	-1	-78	3,784	111	136	6	153	-203	3,784	111	136	01
	006	0	0	0	0	0	0	0	0	0	0	0	0	01
	007	0	0	3	1	2	0	0	0	0	1	2	0	01
	008	3	93	72	-202	134	-159	3	-86	-80	-202	134	-159	01
	009	22	3	147	-1,476	292	-7	22	-5	-183	-1,476	292	-7	01
	010	3	93	72	-202	134	-159	3	-86	-80	-202	134	-159	01
	011	-24	-96	-219	1,677	-426	166	-24	91	262	1,677	-426	166	01
Pilastro Acciaio 2	001	-3	36	-40	8,736	-52	-65	-3	-41	22	8,266	-52	-65	01
	002	-3	30	-31	2,819	0	-53	-3	-33	-30	2,819	0	-53	01
	003	-13	121	-123	11,268	-1	-213	-13	-132	-122	11,268	-1	-213	01
	004	0	0	0	0	0	0	0	0	0	0	0	0	01
	005	-3	30	-29	3,853	3	-53	-3	-32	-32	3,853	3	-53	01
	006	0	0	0	0	0	0	0	0	0	0	0	0	01
	007	0	-1	-4	1	-6	1	0	0	3	1	-6	1	01
	008	13	171	163	-452	124	-266	13	-94	-37	-452	212	-178	01
	009	-28	-65	683	-2,125	797	164	-28	26	-161	-2,125	623	-10	01
	010	13	171	163	-452	124	-266	13	-94	-37	-452	212	-178	01
	011	15	-105	-847	2,576	-923	101	15	68	198	2,576	-835	189	01
Pilastro Acciaio 5	001	4	-35	-39	8,627	-48	62	4	38	18	8,157	-48	62	01
	002	4	-30	-31	2,791	1	52	4	31	-32	2,791	1	52	01
	003	14	-120	-123	11,153	3	206	14	126	-126	11,153	3	206	01
	004	0	0	0	0	0	0	0	0	0	0	0	0	01
	005	3	-30	-29	3,819	4	51	3	31	-33	3,819	4	51	01
	006	0	0	0	0	0	0	0	0	0	0	0	0	01
	007	0	0	-4	-1	-6	-1	0	0	3	-1	-6	-1	01
	008	24	31	-553	1,546	-671	-38	24	-13	140	1,546	-494	-36	01
	009	63	269	-30	-69	-2	-467	63	-130	22	-69	-86	-204	01
	010	24	31	-553	1,546	-671	-38	24	-13	140	1,546	-494	-36	01
	011	-87	-301	582	-1,478	670	507	-87	144	-162	-1,478	580	240	01



Pilastri - Sollecitazioni per condizioni di carico non sismiche

Id <sub>PII</sub>	CC	Estr. Inf.						Estr. Sup.						Lv
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Pilastro Acciaio 4	001	-4	9	31	4,067	-59	-53	-4	-55	101	3,596	-59	-53	01
	002	-4	1	37	-720	-27	-24	-4	-27	69	-720	-27	-24	01
	003	-17	4	149	-2,877	-107	-95	-17	-109	277	-2,877	-107	-95	01
	004	0	0	0	0	0	0	0	0	0	0	0	0	01
	005	-4	0	38	-651	-25	-22	-4	-27	68	-651	-25	-22	01
	006	0	0	0	0	0	0	0	0	0	0	0	0	01
	007	0	1	-3	1	-4	-2	0	-1	1	1	-4	-2	01
	008	-23	-266	-317	24	-294	332	-23	76	-20	24	-205	243	01
	009	-38	-70	-734	1,640	-686	64	-38	-47	30	1,640	-597	-26	01
	010	-23	-266	-317	24	-294	332	-23	76	-20	24	-205	243	01
	011	62	335	1,050	-1,663	981	-394	62	-28	-11	-1,663	802	-216	01
Pilastro Acciaio 1	001	4	-10	29	4,165	-63	56	4	56	104	3,694	-63	56	01
	002	5	-1	36	-718	-29	25	5	28	70	-718	-29	25	01
	003	19	-6	142	-2,868	-114	100	19	113	278	-2,868	-114	100	01
	004	0	0	0	0	0	0	0	0	0	0	0	0	01
	005	5	-1	36	-668	-27	24	5	27	68	-668	-27	24	01
	006	0	0	0	0	0	0	0	0	0	0	0	0	01
	007	0	-1	-2	-1	-3	2	0	1	1	-1	-3	2	01
	008	6	-63	503	-1,117	372	6	6	-56	61	-1,117	372	6	01
	009	20	-256	86	554	-24	275	20	71	114	554	-24	275	01
	010	6	-63	503	-1,117	372	6	6	-56	61	-1,117	372	6	01
	011	-25	319	-587	565	-346	-281	-25	-16	-175	565	-346	-281	01
Pilastro Acciaio 4	001	2	-31	91	3,366	66	72	2	51	16	2,917	66	72	01
	002	3	-71	109	-652	120	122	3	67	-26	-652	120	122	01
	003	13	-285	437	-2,605	478	488	13	266	-103	-2,605	478	488	01
	004	0	0	0	0	0	0	0	0	0	0	0	0	01
	005	3	-69	106	-586	116	118	3	65	-25	-586	116	118	01
	006	0	0	0	0	0	0	0	0	0	0	0	0	01
	007	0	-1	1	1	0	2	0	1	1	1	0	2	01
	008	14	-27	111	229	-26	176	14	129	97	229	50	100	01
	009	19	65	-19	1,461	-284	4	19	27	259	1,461	-208	-72	01
	010	14	-27	111	229	-26	176	14	129	97	229	50	100	01
	011	-33	-38	-92	-1,689	309	-179	-33	-155	-356	-1,689	157	-28	01
Pilastro Acciaio 1	001	-2	31	91	3,442	67	-75	-2	-53	15	2,994	67	-75	01
	002	-3	74	111	-647	125	-129	-3	-72	-30	-647	125	-129	01
	003	-11	295	445	-2,584	499	-515	-11	-286	-119	-2,584	499	-515	01
	004	0	0	0	0	0	0	0	0	0	0	0	0	01
	005	-3	71	108	-600	122	-125	-3	-70	-29	-600	122	-125	01
	006	0	0	0	0	0	0	0	0	0	0	0	0	01
	007	0	1	1	-1	1	-2	0	-1	1	-1	1	-2	01
	008	13	-12	56	-1,061	278	95	13	96	-258	-1,061	278	95	01
	009	7	-107	-75	214	15	271	7	199	-92	214	15	271	01
	010	13	-12	56	-1,061	278	95	13	96	-258	-1,061	278	95	01
	011	-19	119	19	848	-292	-365	-19	-294	349	848	-292	-365	01
Pilastro Acciaio 2	001	1	-128	187	5,223	147	49	1	-83	50	4,847	147	49	01
	002	4	-166	233	1,086	213	147	4	-30	35	1,086	213	147	01
	003	14	-663	931	4,343	852	586	14	-118	139	4,343	852	586	01
	004	0	0	0	0	0	0	0	0	0	0	0	0	01
	005	1	-141	190	2,521	175	95	1	-52	28	2,521	175	95	01
	006	0	0	0	0	0	0	0	0	0	0	0	0	01
	007	0	0	0	0	0	0	0	0	0	0	0	0	01
	008	1	95	18	-21	-21	-155	1	-49	38	-21	-21	-155	01
	009	10	15	78	-937	165	41	10	53	-75	-937	165	41	01
	010	1	95	18	-21	-21	-155	1	-49	38	-21	-21	-155	01
	011	-11	-110	-97	958	-144	114	-11	-4	38	958	-144	114	01
Pilastro Acciaio 5	001	-1	121	181	5,201	147	-44	-1	80	44	4,824	147	-44	01
	002	-3	157	226	1,105	208	-138	-3	29	33	1,105	208	-138	01
	003	-14	628	903	4,416	830	-550	-14	116	131	4,416	830	-550	01
	004	0	0	0	0	0	0	0	0	0	0	0	0	01
	005	-1	132	184	2,527	171	-88	-1	50	24	2,527	171	-88	01
	006	0	0	0	0	0	0	0	0	0	0	0	0	01
	007	0	0	0	-1	0	0	0	0	0	-1	0	0	01
	008	-2	43	-75	626	-128	-25	-2	19	44	626	-128	-25	01
	009	-12	124	-19	-260	53	-220	-12	-81	-68	-260	53	-220	01
	010	-2	43	-75	626	-128	-25	-2	19	44	626	-128	-25	01
	011	14	-166	93	-368	75	246	14	62	24	-368	75	246	01
Pilastro Acciaio 5	001	-2	-87	-107	4,356	112	-5	-2	-93	-234	3,907	112	-5	01
	002	0	-43	-41	985	100	-26	0	-73	-154	985	100	-26	01
	003	-1	-173	-164	3,934	401	-104	-1	-290	-617	3,934	401	-104	01
	004	0	0	0	0	0	0	0	0	0	0	0	0	01
	005	-3	-43	-69	2,367	169	-83	-3	-136	-260	2,367	169	-83	01
	006	0	0	0	0	0	0	0	0	0	0	0	0	01
	007	0	0	0	-1	0	0	0	0	0	-1	0	0	01
	008	-9	-36	10	538	-115	11	-9	-24	140	538	-115	11	01



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Id <sub>PII</sub>	CC	Estr. Inf.						Estr. Sup.						Lv
		M <sub>1</sub>	M <sub>2</sub>	M <sub>3</sub>	N	T <sub>2</sub>	T <sub>3</sub>	M <sub>1</sub>	M <sub>2</sub>	M <sub>3</sub>	N	T <sub>2</sub>	T <sub>3</sub>	
		[N-m]	[N-m]	[N-m]	[N]	[N]	[N]	[N-m]	[N-m]	[N-m]	[N]	[N]	[N]	
Pilastro Acciaio 4	009	-7	42	59	-27	5	-132	-7	-108	53	-27	5	-132	01
	010	-9	-36	10	538	-115	11	-9	-24	140	538	-115	11	01
	011	15	-5	-69	-512	110	121	15	131	-193	-512	110	121	01
	001	-3	-22	76	1,609	74	35	-3	8	11	1,250	74	35	01
	002	-2	-22	26	-515	65	56	-2	27	-31	-515	65	56	01
	003	-9	-87	103	-2,059	260	223	-9	109	-126	-2,059	260	223	01
	004	0	0	0	0	0	0	0	0	0	0	0	0	01
	005	-1	-41	80	-295	140	105	-1	52	-44	-295	140	105	01
	006	0	0	0	0	0	0	0	0	0	0	0	0	01
	007	0	0	0	0	0	0	0	0	0	0	0	0	01
	008	1	-52	-14	-74	3	102	1	39	-17	-74	3	102	01
Pilastro Acciaio 2	009	-4	13	-64	488	-173	-69	-4	-48	88	488	-173	-69	01
	010	1	-52	-14	-74	3	102	1	39	-17	-74	3	102	01
	011	3	39	78	-414	170	-33	3	10	-72	-414	170	-33	01
	001	3	87	-105	4,356	112	10	3	98	-232	3,907	112	10	01
	002	0	42	-38	968	100	30	0	76	-151	968	100	30	01
	003	1	168	-151	3,871	401	121	1	305	-603	3,871	401	121	01
	004	0	0	0	0	0	0	0	0	0	0	0	0	01
	005	3	41	-66	2,361	169	88	3	140	-257	2,361	169	88	01
	006	0	0	0	0	0	0	0	0	0	0	0	0	01
	007	0	0	0	0	0	0	0	0	0	0	0	0	01
	008	1	19	-38	-155	37	-90	1	-82	-80	-155	37	-90	01
Pilastro Acciaio 1	009	-2	-60	13	-744	163	54	-2	1	-172	-744	163	54	01
	010	1	19	-38	-155	37	-90	1	-82	-80	-155	37	-90	01
	011	2	41	26	897	-200	36	2	82	252	897	-200	36	01
	001	4	21	80	1,633	85	-41	4	-15	5	1,274	85	-41	01
	002	3	20	28	-517	75	-61	3	-33	-38	-517	75	-61	01
	003	12	81	111	-2,068	298	-245	12	-134	-151	-2,068	298	-245	01
	004	0	0	0	0	0	0	0	0	0	0	0	0	01
	005	2	38	80	-302	151	-112	2	-60	-53	-302	151	-112	01
	006	0	0	0	0	0	0	0	0	0	0	0	0	01
	007	0	0	0	0	0	0	0	0	0	0	0	0	01
	008	-1	-11	58	-305	111	-16	-1	-25	-40	-305	111	-16	01
Pilastro Acciaio 2	009	5	-74	4	276	-70	156	5	63	66	276	-70	156	01
	010	-1	-11	58	-305	111	-16	-1	-25	-40	-305	111	-16	01
	011	-4	86	-63	31	-41	-140	-4	-38	-26	31	-41	-140	01
	001	8	-9	-56	2,394	-293	-96	8	-118	275	1,945	-293	-96	01
	002	5	-32	8	437	-118	-15	5	-50	141	437	-118	-15	01
	003	20	-130	32	1,748	-472	-61	20	-199	565	1,748	-472	-61	01
	004	0	0	0	0	0	0	0	0	0	0	0	0	01
	005	9	-90	86	983	-69	43	9	-42	164	983	-69	43	01
	006	0	0	0	0	0	0	0	0	0	0	0	0	01
	007	0	0	0	0	0	0	0	0	0	0	0	0	01
	008	2	38	-23	-46	5	-79	2	-52	-29	-46	5	-79	01
Pilastro Acciaio 5	009	-5	-20	23	-353	143	31	-5	16	-138	-353	143	31	01
	010	2	38	-23	-46	5	-79	2	-52	-29	-46	5	-79	01
	011	3	-19	0	399	-148	48	3	36	167	399	-148	48	01
	001	-7	-1	-67	2,392	-303	110	-7	123	275	1,943	-303	110	01
	002	-4	20	-7	472	-136	36	-4	60	147	472	-136	36	01
	003	-15	79	-27	1,884	-542	142	-15	239	585	1,884	-542	142	01
	004	0	0	0	0	0	0	0	0	0	0	0	0	01
	005	-7	74	67	1,024	-92	-18	-7	54	171	1,024	-92	-18	01
	006	0	0	0	0	0	0	0	0	0	0	0	0	01
	007	0	0	0	0	0	0	0	0	0	0	0	0	01
	008	-1	2	-6	248	-91	-7	-1	-6	97	248	-91	-7	01
Pilastro Acciaio 4	009	6	59	38	-48	43	-118	6	-74	-10	-48	43	-118	01
	010	-1	2	-6	248	-91	-7	-1	-6	97	248	-91	-7	01
	011	-5	-62	-32	-201	48	125	-5	79	-86	-201	48	125	01
	001	11	-162	167	1,416	322	286	11	161	-198	968	322	286	01
	002	7	-125	102	-218	218	209	7	111	-144	-218	218	209	01
	003	29	-499	406	-871	869	835	29	445	-576	-871	869	835	01
	004	0	0	0	0	0	0	0	0	0	0	0	0	01
	005	11	-173	150	151	332	299	11	164	-226	151	332	299	01
	006	0	0	0	0	0	0	0	0	0	0	0	0	01
	007	0	0	0	0	0	0	0	0	0	0	0	0	01
	008	4	-24	48	46	17	79	4	66	28	46	17	79	01
Pilastro Acciaio 1	009	1	39	20	341	-103	-44	1	-11	136	341	-103	-44	01
	010	4	-24	48	46	17	79	4	66	28	46	17	79	01
	011	-5	-16	-68	-387	86	-35	-5	-55	-164	-387	86	-35	01
	001	-9	161	163	1,433	318	-278	-9	-154	-197	984	318	-278	01
	002	-5	121	96	-216	210	-198	-5	-103	-141	-216	210	-198	01
	003	-22	482	385	-864	841	-792	-22	-412	-565	-864	841	-792	01
	004	0	0	0	0	0	0	0	0	0	0	0	0	01



**Pilastri - Sollecitazioni per condizioni di carico non sismiche**

Id <sub>PII</sub>	CC	Estr. Inf.						Estr. Sup.						Lv
		M <sub>1</sub>	M <sub>2</sub>	M <sub>3</sub>	N	T <sub>2</sub>	T <sub>3</sub>	M <sub>1</sub>	M <sub>2</sub>	M <sub>3</sub>	N	T <sub>2</sub>	T <sub>3</sub>	
		[N-m]	[N-m]	[N-m]	[N]	[N]	[N]	[N-m]	[N-m]	[N-m]	[N]	[N]	[N]	
	005	-9	170	145	154	325	-287	-9	-155	-223	154	325	-287	01
	006	0	0	0	0	0	0	0	0	0	0	0	0	01
	007	0	0	0	0	0	0	0	0	0	0	0	0	01
	008	2	13	-16	-246	85	8	2	22	-112	-246	85	8	01
	009	4	-52	-47	61	-41	133	4	98	-1	61	-41	133	01
	010	2	13	-16	-246	85	8	2	22	-112	-246	85	8	01
	011	-6	39	63	187	-44	-141	-6	-120	113	187	-44	-141	01

**LEGENDA:**

**Id<sub>PII</sub>** Identificativo del Pilastro.  
**CC** Identificativo della tipologia di carico nella relativa tabella.  
**Lv** Identificativo del livello, nella relativa tabella.  
**Estr.** Sollecitazione caratteristiche relative al sistema di riferimento locale 1, 2, 3 (N > 0: compressione).  
**Inf./Sup.**

**PILASTRI - SOLLECITAZIONI PER EFFETTO DEL SISMA**

**Pilastri - Sollecitazioni per effetto del sisma**

Id <sub>PII</sub>	Dir	Dist r	Estr. Inf.						Estr. Sup.						Lv
			M <sub>1</sub>	M <sub>2</sub>	M <sub>3</sub>	N	T <sub>2</sub>	T <sub>3</sub>	M <sub>1</sub>	M <sub>2</sub>	M <sub>3</sub>	N	T <sub>2</sub>	T <sub>3</sub>	
			[N-m]	[N-m]	[N-m]	[N]	[N]	[N]	[N-m]	[N-m]	[N-m]	[N]	[N]	[N]	
<b>Pilastrata: Piano copertura</b>															
Pilastro Acciaio 5	X	-	0	33	23	134	47	91	0	69	76	134	47	91	01
	Y	-	4	66	106	239	22	158	4	113	127	239	22	158	01
	Z	-	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 4	X	-	0	66	58	135	18	122	0	72	74	135	18	122	01
	Y	-	2	53	146	235	27	151	2	119	125	235	27	151	01
	Z	-	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 1	X	-	2	70	52	145	29	127	2	75	80	145	29	127	01
	Y	-	7	50	149	231	31	150	7	118	125	231	31	150	01
	Z	-	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 2	X	-	0	31	18	151	54	90	0	68	80	151	54	90	01
	Y	-	3	63	108	241	23	157	3	112	129	241	23	157	01
	Z	-	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 4	X	-	14	161	129	4,772	607	392	14	281	783	4,772	607	392	01
	Y	-	48	332	115	2,322	460	531	48	265	463	2,322	460	531	01
	Z	-	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 1	X	-	16	167	125	4,735	670	442	16	334	858	4,735	670	442	01
	Y	-	48	331	119	2,247	470	529	48	269	469	2,247	470	529	01
	Z	-	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 6	X	-	0	0	0	145	0	0	0	0	0	145	0	0	01
	Y	-	0	0	0	24	0	0	0	0	0	24	0	0	01
	Z	-	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 3	X	-	0	0	0	135	0	0	0	0	0	135	0	0	01
	Y	-	0	0	0	22	0	0	0	0	0	22	0	0	01
	Z	-	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 5	X	-	6	403	469	1,193	1,289	790	6	491	982	1,193	1,289	790	01
	Y	-	71	859	719	3,926	1,005	1,509	71	844	431	3,926	1,005	1,509	01
	Z	-	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 2	X	-	11	420	483	1,149	1,316	820	11	509	1,005	1,149	1,316	820	01
	Y	-	69	866	720	3,908	1,010	1,516	69	849	437	3,908	1,010	1,516	01
	Z	-	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 2	X	-	7	505	1,278	323	1,202	665	7	285	153	323	1,202	665	01
	Y	-	54	1,025	1,324	5,727	1,222	1,340	54	569	129	5,727	1,222	1,340	01
	Z	-	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 5	X	-	7	501	1,276	271	1,184	644	7	268	134	271	1,184	644	01
	Y	-	54	1,023	1,319	5,753	1,224	1,336	54	567	137	5,753	1,224	1,336	01
	Z	-	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 4	X	-	11	555	1,195	2,542	1,091	757	11	346	102	2,542	1,091	757	01
	Y	-	55	117	1,664	4,516	1,209	182	55	236	229	4,516	1,209	182	01
	Z	-	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 1	X	-	12	563	1,206	2,429	1,116	782	12	366	125	2,429	1,116	782	01
	Y	-	56	117	1,660	4,456	1,212	183	56	240	222	4,456	1,212	183	01
	Z	-	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 4	X	-	6	347	478	3,794	964	637	6	370	613	3,794	964	637	01
	Y	-	68	66	358	4,073	1,052	115	68	132	836	4,073	1,052	115	01
	Z	-	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 1	X	-	4	359	485	3,740	981	649	4	375	624	3,740	981	649	01
	Y	-	72	67	358	4,008	1,053	113	72	132	842	4,008	1,053	113	01
	Z	-	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 2	X	-	11	240	133	1,149	491	549	11	272	359	1,149	491	549	01
	Y	-	35	386	525	1,760	532	594	35	165	118	1,760	532	594	01
	Z	-	0	0	0	0	0	0	0	0	0	0	0	0	01



**Pilastri - Sollecitazioni per effetto del sisma**

Id <sub>PII</sub>	Dir	Dist r	Estr. Inf.						Estr. Sup.						Lv
			M <sub>1</sub>	M <sub>2</sub>	M <sub>3</sub>	N	T <sub>2</sub>	T <sub>3</sub>	M <sub>1</sub>	M <sub>2</sub>	M <sub>3</sub>	N	T <sub>2</sub>	T <sub>3</sub>	
			[N-m]	[N-m]	[N-m]	[N]	[N]	[N]	[N-m]	[N-m]	[N-m]	[N]	[N]	[N]	
Pilastro Acciaio 5	X	-	12	254	130	1,127	498	569	12	278	371	1,127	498	569	01
	Y	-	40	385	515	1,762	522	590	40	168	118	1,762	522	590	01
	Z	-	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 5	X	-	3	33	107	608	115	148	3	138	197	608	115	148	01
	Y	-	52	49	235	2,071	517	390	52	461	805	2,071	517	390	01
	Z	-	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 4	X	-	9	240	395	753	639	523	9	221	168	753	639	523	01
	Y	-	17	151	203	717	441	174	17	54	193	717	441	174	01
	Z	-	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 2	X	-	4	24	120	701	94	99	4	106	181	701	94	99	01
	Y	-	51	48	238	2,080	525	392	51	458	819	2,080	525	392	01
	Z	-	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 1	X	-	9	299	494	804	730	592	9	224	148	804	730	592	01
	Y	-	26	155	225	710	453	177	26	51	181	710	453	177	01
	Z	-	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 2	X	-	7	144	104	362	233	227	7	112	160	362	233	227	01
	Y	-	16	97	155	797	208	257	16	194	385	797	208	257	01
	Z	-	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 5	X	-	5	123	71	307	192	203	5	106	147	307	192	203	01
	Y	-	13	98	151	800	211	260	13	194	384	800	211	260	01
	Z	-	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 4	X	-	17	21	18	380	170	48	17	56	185	380	170	48	01
	Y	-	6	41	277	807	151	259	6	255	440	807	151	259	01
	Z	-	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 1	X	-	24	23	30	420	194	51	24	60	193	420	194	51	01
	Y	-	7	44	271	806	155	265	7	258	444	806	155	265	01
	Z	-	0	0	0	0	0	0	0	0	0	0	0	0	01

**LEGENDA:**

**Id<sub>PII</sub>** Identificativo del Pilastro.

**Dir** Direzione del sisma.

**Distr** Distribuzione delle forze (0P = Principale non richiesta; 1P = Principale proporzionale alle forze statiche; 2P = Proporzionale I Modo vibrazione; 3P = Principale proporzionale ai taglianti; 0S = Secondaria non richiesta; 1S = Secondaria proporzionale alle masse; 2S = secondaria multimodale).

**Lv** Identificativo del livello, nella relativa tabella.

**Estr.** Sollecitazione caratteristiche relative al sistema di riferimento locale 1, 2, 3 (N > 0: compressione).

**Inf./Sup.**

**PILASTRI - SOLLECITAZIONI PER ECCENTRICITÀ ACCIDENTALE**

**Pilastri - Sollecitazioni per eccentricità accidentale**

Id <sub>PII</sub>	Dir	e	Estr. Inf.						Estr. Sup.						Lv
			M <sub>1</sub>	M <sub>2</sub>	M <sub>3</sub>	N	T <sub>2</sub>	T <sub>3</sub>	M <sub>1</sub>	M <sub>2</sub>	M <sub>3</sub>	N	T <sub>2</sub>	T <sub>3</sub>	
			[N-m]	[N-m]	[N-m]	[N]	[N]	[N]	[N-m]	[N-m]	[N-m]	[N]	[N]	[N]	
<b>Pilastrata: Piano copertura</b>															
Pilastro Acciaio 5	X	+	0	0	0	0	0	0	0	0	0	0	0	0	01
	X	-	0	0	0	0	0	0	0	0	0	0	0	0	01
	Y	+	0	0	0	0	0	0	0	0	0	0	0	0	01
	Y	-	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 4	X	+	0	0	0	0	0	0	0	0	0	0	0	0	01
	X	-	0	0	0	0	0	0	0	0	0	0	0	0	01
	Y	+	0	0	0	0	0	0	0	0	0	0	0	0	01
	Y	-	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 1	X	+	0	0	0	0	0	0	0	0	0	0	0	0	01
	X	-	0	0	0	0	0	0	0	0	0	0	0	0	01
	Y	+	0	0	0	0	0	0	0	0	0	0	0	0	01
	Y	-	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 2	X	+	0	0	0	0	0	0	0	0	0	0	0	0	01
	X	-	0	0	0	0	0	0	0	0	0	0	0	0	01
	Y	+	0	0	0	0	0	0	0	0	0	0	0	0	01
	Y	-	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 4	X	+	0	0	0	0	0	0	0	0	0	0	0	0	01
	X	-	0	0	0	0	0	0	0	0	0	0	0	0	01
	Y	+	0	0	0	0	0	0	0	0	0	0	0	0	01
	Y	-	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 1	X	+	0	0	0	0	0	0	0	0	0	0	0	0	01
	X	-	0	0	0	0	0	0	0	0	0	0	0	0	01
	Y	+	0	0	0	0	0	0	0	0	0	0	0	0	01
	Y	-	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 6	X	+	0	0	0	0	0	0	0	0	0	0	0	0	01
	X	-	0	0	0	0	0	0	0	0	0	0	0	0	01
	Y	+	0	0	0	0	0	0	0	0	0	0	0	0	01
	Y	-	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 3	X	+	0	0	0	0	0	0	0	0	0	0	0	0	01



Pilastri - Sollecitazioni per eccentricità accidentale

Id <sub>pil</sub>	D <sub>r</sub>	e	Estr. Inf.						Estr. Sup.						Lv
			M <sub>1</sub> [N-m]	M <sub>2</sub> [N-m]	M <sub>3</sub> [N-m]	N [N]	T <sub>2</sub> [N]	T <sub>3</sub> [N]	M <sub>1</sub> [N-m]	M <sub>2</sub> [N-m]	M <sub>3</sub> [N-m]	N [N]	T <sub>2</sub> [N]	T <sub>3</sub> [N]	
	X	-	0	0	0	0	0	0	0	0	0	0	0	0	01
	Y	+	0	0	0	0	0	0	0	0	0	0	0	0	01
	Y	-	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 5	X	+	0	0	0	0	0	0	0	0	0	0	0	0	01
	X	-	0	0	0	0	0	0	0	0	0	0	0	0	01
	Y	+	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 2	Y	-	0	0	0	0	0	0	0	0	0	0	0	0	01
	X	+	0	0	0	0	0	0	0	0	0	0	0	0	01
	X	-	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 2	Y	+	0	0	0	0	0	0	0	0	0	0	0	0	01
	Y	-	0	0	0	0	0	0	0	0	0	0	0	0	01
	X	+	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 2	X	-	0	0	0	0	0	0	0	0	0	0	0	0	01
	Y	+	0	0	0	0	0	0	0	0	0	0	0	0	01
	Y	-	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 5	X	+	0	0	0	0	0	0	0	0	0	0	0	0	01
	X	-	0	0	0	0	0	0	0	0	0	0	0	0	01
	Y	+	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 4	Y	-	0	0	0	0	0	0	0	0	0	0	0	0	01
	X	+	0	0	0	0	0	0	0	0	0	0	0	0	01
	X	-	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 1	Y	+	0	0	0	0	0	0	0	0	0	0	0	0	01
	Y	-	0	0	0	0	0	0	0	0	0	0	0	0	01
	X	+	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 4	X	-	0	0	0	0	0	0	0	0	0	0	0	0	01
	Y	+	0	0	0	0	0	0	0	0	0	0	0	0	01
	Y	-	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 1	X	+	0	0	0	0	0	0	0	0	0	0	0	0	01
	X	-	0	0	0	0	0	0	0	0	0	0	0	0	01
	Y	+	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 4	Y	-	0	0	0	0	0	0	0	0	0	0	0	0	01
	X	+	0	0	0	0	0	0	0	0	0	0	0	0	01
	X	-	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 1	Y	+	0	0	0	0	0	0	0	0	0	0	0	0	01
	Y	-	0	0	0	0	0	0	0	0	0	0	0	0	01
	X	+	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 4	X	-	0	0	0	0	0	0	0	0	0	0	0	0	01
	Y	+	0	0	0	0	0	0	0	0	0	0	0	0	01
	Y	-	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 1	X	+	0	0	0	0	0	0	0	0	0	0	0	0	01
	X	-	0	0	0	0	0	0	0	0	0	0	0	0	01
	Y	+	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 2	Y	-	0	0	0	0	0	0	0	0	0	0	0	0	01
	X	+	0	0	0	0	0	0	0	0	0	0	0	0	01
	X	-	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 5	Y	+	0	0	0	0	0	0	0	0	0	0	0	0	01
	Y	-	0	0	0	0	0	0	0	0	0	0	0	0	01
	X	+	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 5	X	-	0	0	0	0	0	0	0	0	0	0	0	0	01
	Y	+	0	0	0	0	0	0	0	0	0	0	0	0	01
	Y	-	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 4	X	+	0	0	0	0	0	0	0	0	0	0	0	0	01
	X	-	0	0	0	0	0	0	0	0	0	0	0	0	01
	Y	+	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 2	Y	-	0	0	0	0	0	0	0	0	0	0	0	0	01
	X	+	0	0	0	0	0	0	0	0	0	0	0	0	01
	X	-	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 1	Y	+	0	0	0	0	0	0	0	0	0	0	0	0	01
	Y	-	0	0	0	0	0	0	0	0	0	0	0	0	01
	X	+	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 2	X	-	0	0	0	0	0	0	0	0	0	0	0	0	01
	Y	+	0	0	0	0	0	0	0	0	0	0	0	0	01
	Y	-	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 5	X	+	0	0	0	0	0	0	0	0	0	0	0	0	01
	X	-	0	0	0	0	0	0	0	0	0	0	0	0	01
	Y	+	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 4	Y	-	0	0	0	0	0	0	0	0	0	0	0	0	01
	X	+	0	0	0	0	0	0	0	0	0	0	0	0	01
	X	-	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 1	Y	+	0	0	0	0	0	0	0	0	0	0	0	0	01
	Y	-	0	0	0	0	0	0	0	0	0	0	0	0	01
	X	+	0	0	0	0	0	0	0	0	0	0	0	0	01
Pilastro Acciaio 1	X	-	0	0	0	0	0	0	0	0	0	0	0	0	01
	Y	+	0	0	0	0	0	0	0	0	0	0	0	0	01
	Y	-	0	0	0	0	0	0	0	0	0	0	0	0	01



**Pilastri - Sollecitazioni per eccentricità accidentale**

Id <sub>pi</sub>	Dir	e	Estr. Inf.						Estr. Sup.						Lv
			M <sub>1</sub>	M <sub>2</sub>	M <sub>3</sub>	N	T <sub>2</sub>	T <sub>3</sub>	M <sub>1</sub>	M <sub>2</sub>	M <sub>3</sub>	N	T <sub>2</sub>	T <sub>3</sub>	
	Y	+	0	0	0	0	0	0	0	0	0	0	0	0	01
	Y	-	0	0	0	0	0	0	0	0	0	0	0	0	01

**LEGENDA:**

**Id<sub>pi</sub>** Identificativo del Pilastro.

**Dir** Direzione del sisma.

**e** Segno dell'eccentricità accidentale.

**Lv** Identificativo del livello, nella relativa tabella.

**Estr.** Sollecitazione caratteristiche relative al sistema di riferimento locale 1, 2, 3 (N > 0: compressione).

**Inf./Sup.**

**Pareti - TENSIONI PER CONDIZIONI DI CARICO NON SISMICHE**

**Pareti - tensioni per condizioni di carico non sismiche**

Nodo	σ <sub>L1</sub> σ <sub>P1</sub>	σ <sub>L2</sub> σ <sub>P2</sub>	τ <sub>L</sub> τ <sub>P</sub>	Nodo	σ <sub>L1</sub> σ <sub>P1</sub>	σ <sub>L2</sub> σ <sub>P2</sub>	τ <sub>L</sub> τ <sub>P</sub>	Nodo	σ <sub>L1</sub> σ <sub>P1</sub>	σ <sub>L2</sub> σ <sub>P2</sub>	τ <sub>L</sub> τ <sub>P</sub>	Nodo	σ <sub>L1</sub> σ <sub>P1</sub>	σ <sub>L2</sub> σ <sub>P2</sub>	τ <sub>L</sub> τ <sub>P</sub>	Nodo	σ <sub>L1</sub> σ <sub>P1</sub>	σ <sub>L2</sub> σ <sub>P2</sub>	τ <sub>L</sub> τ <sub>P</sub>
	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]
<b>Piano Terra</b>				<b>Parete 1-2</b>				<b>Parete 1-2</b>				<b>Parete 1-2</b>				<b>Parete 1-2</b>			
<b>Condizione carico (Carico Permanente)</b>				<b>Condizione carico (Permanenti NON Strutturali)</b>				<b>Condizione carico (Abitazioni)</b>				<b>Condizione carico (Autorimessa &lt;= 30kN)</b>				<b>Condizione carico (Carico da Neve &lt;= 1000 m s.l.m.)</b>			
00067	-0.063 0.013	-0.017 0.012	-0.004 0.000	00115	-0.046 -0.016	-0.018 -0.002	0.001 0.008	00010	-0.055 -0.060	-0.029 -0.022	-0.003 -0.005	00071	-0.001 0.000	0.012 -0.001	-0.004 0.000	00147	-0.031 -0.008	0.009 0.000	-0.008 -0.002
00117	-0.019 -0.003	0.004 0.000	-0.004 0.001	00068	-0.061 -0.012	-0.013 -0.002	0.004 -0.001	00121	-0.026 -0.006	-0.006 -0.002	0.003 0.000	00144	-0.063 -0.018	0.012 0.004	0.014 0.007	00116	-0.035 -0.008	0.006 0.002	0.009 0.002
00118	-0.036 -0.015	-0.017 -0.001	-0.001 -0.006	00073	-0.039 0.009	-0.011 0.008	0.003 0.001	00015	-0.040 -0.050	-0.022 -0.018	0.002 0.003	00109	-0.037 -0.018	-0.010 -0.002	0.008 -0.003	00072	-0.035 -0.003	-0.004 0.002	-0.005 0.001
00111	-0.034 -0.018	-0.008 -0.004	-0.006 0.002	00120	-0.016 -0.003	0.002 -0.002	-0.003 0.001	00119	-0.032 -0.010	-0.009 -0.004	-0.003 -0.002	00069	-0.004 -0.002	0.015 -0.001	0.007 0.006	00110	-0.035 -0.016	-0.010 -0.004	0.002 0.000
00070	-0.003 -0.001	0.018 -0.003	-0.002 0.003																
00067	-0.010 0.002	-0.003 0.001	0.000 0.000	00115	-0.006 -0.002	-0.002 0.000	0.001 0.001	00010	-0.008 -0.007	-0.004 -0.003	0.000 -0.001	00071	-0.001 0.000	0.000 0.000	0.000 0.002	00147	0.005 0.005	0.000 0.000	0.001 0.002
00117	0.002 0.002	0.001 0.000	0.000 0.001	00068	-0.016 -0.004	-0.004 -0.002	0.001 0.000	00121	-0.002 -0.001	-0.001 0.000	0.001 0.000	00144	-0.018 -0.004	0.004 0.002	0.004 0.002	00116	-0.008 -0.002	0.001 0.001	0.002 0.002
00118	0.002 0.000	0.001 0.000	0.000 0.000	00073	0.003 0.000	0.001 0.000	-0.001 0.000	00015	0.003 0.001	0.002 0.001	0.000 -0.001	00109	-0.003 -0.001	-0.001 0.000	0.002 0.000	00072	0.006 0.001	0.002 0.000	0.000 0.000
00111	0.000 -0.001	0.000 -0.001	0.000 0.000	00120	0.000 0.000	0.000 0.000	-0.001 0.001	00119	0.000 0.000	0.000 0.000	0.000 0.000	00069	0.001 -0.001	0.004 0.000	0.001 0.002	00110	-0.001 -0.001	-0.001 0.000	0.001 0.000
00070	0.001 0.000	0.003 0.000	-0.001 0.002																
00067	-0.040 0.005	-0.009 0.000	0.000 0.000	00115	-0.023 -0.003	-0.007 0.000	0.003 0.002	00010	-0.029 -0.023	-0.014 -0.011	-0.001 -0.005	00071	-0.002 0.000	0.001 -0.001	-0.001 0.009	00147	0.019 0.020	0.000 -0.001	0.004 0.007
00117	0.009 0.006	0.003 -0.002	-0.001 0.003	00068	-0.063 -0.018	-0.016 -0.009	0.004 0.000	00121	-0.010 -0.004	-0.002 0.001	0.003 0.002	00144	-0.070 -0.017	0.015 0.008	0.016 0.008	00116	-0.033 -0.010	0.006 0.002	0.009 0.007
00118	0.007 0.004	0.004 0.000	-0.001 0.001	00073	0.014 -0.001	0.005 -0.002	-0.004 -0.001	00015	0.013 0.010	0.008 0.003	-0.002 -0.001	00109	-0.015 0.003	-0.003 0.003	0.007 -0.004	00072	0.023 0.003	0.008 -0.002	0.001 0.002
00111	0.000 0.004	0.000 0.001	0.002 0.000	00120	0.001 0.001	0.002 0.000	-0.004 0.004	00119	-0.001 0.002	0.000 0.001	0.000 0.001	00069	0.004 -0.003	0.016 0.000	0.006 0.010	00110	-0.007 0.004	-0.002 0.001	0.004 -0.001
00070	0.002 0.000	0.011 -0.001	-0.004 0.007																
00067	-0.001 0.000	-0.001 0.001	0.000 0.000	00115	0.000 -0.001	0.000 0.000	0.000 0.000	00010	0.000 -0.001	-0.001 0.000	0.000 0.000	00071	0.000 0.000	0.000 0.000	0.000 0.000	00147	0.000 0.000	0.000 0.000	0.000 0.000
00117	0.000 0.000	0.000 0.000	0.000 0.000	00068	0.000 0.000	0.000 0.001	0.000 0.000	00121	0.000 0.000	0.000 0.000	0.000 0.000	00144	0.000 0.000	0.000 0.000	0.000 0.000	00116	0.000 0.000	0.000 0.000	0.000 0.000
00118	0.000 -0.001	-0.001 0.000	0.000 0.000	00073	0.000 0.000	-0.001 0.001	0.000 0.000	00015	0.000 -0.001	-0.001 0.000	0.000 0.000	00109	0.000 -0.003	0.000 -0.001	0.000 0.001	00072	0.000 0.000	0.000 0.001	0.000 0.000
00111	0.000 -0.003	0.000 -0.001	0.000 -0.001	00120	0.000 0.000	0.000 0.000	0.000 0.000	00119	0.000 -0.001	0.000 -0.001	0.000 0.000	00069	0.000 0.000	0.000 0.000	0.000 0.000	00110	0.000 -0.003	0.000 -0.001	0.000 0.000
00070	0.000 0.000	0.000 0.000	0.000 0.000																
00067	-0.013 0.002	-0.003 0.000	0.000 0.000	00115	-0.008 -0.001	-0.002 0.000	0.001 0.001	00010	-0.010 -0.008	-0.005 -0.004	0.000 -0.002	00071	-0.001 0.000	0.001 0.000	-0.001 0.002	00147	0.005 0.005	0.000 -0.001	0.001 0.002
00117	0.002 0.001	0.001 -0.001	-0.001 0.001	00068	-0.021 -0.006	-0.005 -0.003	0.001 0.000	00121	-0.004 -0.002	-0.001 0.000	0.001 0.000	00144	-0.025 -0.005	0.005 0.003	0.006 0.003	00116	-0.012 -0.003	0.002 0.001	0.003 0.002
00118	0.002 0.001	0.001 0.000	-0.001 0.000	00073	0.004 0.000	0.001 -0.001	-0.001 0.000	00015	0.004 0.003	0.002 0.001	-0.001 0.000	00109	-0.005 0.001	-0.001 0.001	0.002 -0.001	00072	0.006 0.001	0.002 -0.001	0.000 0.001
00111	0.000 0.002	0.000 0.000	0.000 0.000	00120	0.000 0.000	0.001 0.000	-0.001 0.001	00119	-0.001 0.001	0.000 0.000	0.000 0.000	00069	0.001 -0.001	0.005 0.000	0.002 0.003	00110	-0.003 0.002	-0.001 0.001	0.001 0.000
00070	0.001 0.000	0.004 0.000	-0.001 0.002																



Pareti - tensioni per condizioni di carico non sismiche

Nodo	σ <sub>L1</sub>	σ <sub>L2</sub>	τ <sub>L</sub>	Nodo	σ <sub>L1</sub>	σ <sub>L2</sub>	τ <sub>L</sub>	Nodo	σ <sub>L1</sub>	σ <sub>L2</sub>	τ <sub>L</sub>	Nodo	σ <sub>L1</sub>	σ <sub>L2</sub>	τ <sub>L</sub>	Nodo	σ <sub>L1</sub>	σ <sub>L2</sub>	τ <sub>L</sub>
	σ <sub>P1</sub>	σ <sub>P2</sub>	τ <sub>P</sub>		σ <sub>P1</sub>	σ <sub>P2</sub>	τ <sub>P</sub>		σ <sub>P1</sub>	σ <sub>P2</sub>	τ <sub>P</sub>		σ <sub>P1</sub>	σ <sub>P2</sub>	τ <sub>P</sub>		σ <sub>P1</sub>	σ <sub>P2</sub>	τ <sub>P</sub>
	[N/mm²]	[N/mm²]	[N/mm²]		[N/mm²]	[N/mm²]	[N/mm²]		[N/mm²]	[N/mm²]	[N/mm²]		[N/mm²]	[N/mm²]	[N/mm²]		[N/mm²]	[N/mm²]	[N/mm²]
Condizione carico (Spinta Terreno (statica))																			
00067	0.000 0.000	0.000 0.000	0.000 0.000	00115	0.000 0.000	0.000 0.000	0.000 0.000	00010	0.000 0.000	0.000 0.000	0.000 0.000	00071	0.000 0.000	0.000 0.000	0.000 0.000	00147	0.000 0.000	0.000 0.000	0.000 0.000
00117	0.000 0.000	0.000 0.000	0.000 0.000	00068	0.000 0.000	0.000 0.000	0.000 0.000	00121	0.000 0.000	0.000 0.000	0.000 0.000	00144	0.000 0.000	0.000 0.000	0.000 0.000	00116	0.000 0.000	0.000 0.000	0.000 0.000
00118	0.000 0.000	0.000 0.000	0.000 0.000	00073	0.000 0.000	0.000 0.000	0.000 0.000	00015	0.000 0.000	0.000 0.000	0.000 0.000	00109	0.000 0.000	0.000 0.000	0.000 0.000	00072	0.000 0.000	0.000 0.000	0.000 0.000
00111	0.000 0.000	0.000 0.000	0.000 0.000	00120	0.000 0.000	0.000 0.000	0.000 0.000	00119	0.000 0.000	0.000 0.000	0.000 0.000	00069	0.000 0.000	0.000 0.000	0.000 0.000	00110	0.000 0.000	0.000 0.000	0.000 0.000
00070	0.000 0.000	0.000 0.000	0.000 0.000																
Condizione carico (Spinta Terreno (sisma))																			
00067	-0.009 0.013	-0.029 0.085	-0.001 0.007	00115	-0.003 -0.023	-0.018 -0.007	0.001 0.038	00010	-0.011 -0.005	-0.009 0.006	0.005 0.012	00071	0.001 -0.003	-0.020 -0.020	0.001 -0.001	00147	-0.001 0.037	-0.018 0.116	0.002 0.004
00117	0.000 -0.003	-0.020 0.033	0.002 0.005	00068	-0.004 0.029	-0.026 0.108	-0.003 -0.003	00121	0.002 -0.065	-0.021 -0.065	-0.001 0.012	00144	-0.004 0.039	-0.017 0.107	-0.005 -0.003	00116	0.000 0.003	-0.021 0.031	-0.003 -0.004
00118	-0.003 -0.028	-0.016 -0.004	-0.003 -0.039	00073	-0.007 0.014	-0.026 0.074	0.001 -0.011	00015	-0.011 -0.007	-0.010 0.009	-0.005 -0.014	00109	0.008 0.027	-0.003 0.010	0.002 0.019	00072	-0.004 0.028	-0.024 0.122	0.002 -0.002
00111	0.006 0.041	-0.003 0.016	-0.003 -0.019	00120	0.000 -0.033	-0.022 -0.065	0.002 0.000	00119	0.003 -0.055	-0.017 -0.049	0.000 -0.023	00069	0.003 -0.003	-0.018 -0.020	-0.002 -0.005	00110	0.009 0.049	-0.004 0.017	0.001 0.004
00070	0.001 -0.012	-0.024 -0.069	-0.001 0.002																
Condizione carico (Pressione del Vento (+X))																			
00067	0.003 0.000	0.000 -0.002	-0.002 0.001	00115	0.003 0.003	0.000 0.000	-0.002 -0.001	00010	0.003 0.008	0.001 0.002	-0.001 -0.001	00071	-0.007 -0.002	-0.021 0.002	-0.006 0.013	00147	0.009 0.063	-0.008 0.015	0.001 0.015
00117	0.004 0.020	-0.004 0.003	0.000 -0.001	00068	0.008 0.001	0.002 -0.003	-0.003 0.004	00121	0.001 0.004	0.000 0.000	-0.003 0.000	00144	0.010 0.027	0.000 -0.005	-0.003 -0.005	00116	0.005 0.008	0.000 -0.004	-0.003 0.001
00118	0.007 0.004	0.003 0.001	0.001 0.001	00073	0.009 0.002	0.003 0.001	0.001 -0.001	00015	0.009 0.011	0.004 0.004	0.000 -0.001	00109	0.002 0.005	0.000 0.001	-0.002 -0.001	00072	0.024 0.007	0.008 0.006	0.008 -0.004
00111	0.005 0.003	0.001 0.001	0.002 -0.001	00120	0.000 0.006	-0.002 0.001	-0.001 0.000	00119	0.004 0.004	0.001 0.002	0.001 -0.001	00069	0.000 0.001	-0.003 -0.001	-0.003 -0.005	00110	0.003 0.004	0.001 0.001	-0.001 -0.001
00070	-0.003 0.002	-0.008 0.001	-0.001 0.000																
Condizione carico (Pressione del Vento (-X))																			
00067	0.017 -0.001	0.006 -0.002	-0.001 0.000	00115	0.009 0.005	0.004 0.001	-0.001 -0.003	00010	0.013 0.014	0.006 0.005	0.000 0.000	00071	0.001 -0.001	0.001 0.002	0.004 0.002	00147	0.006 0.027	0.001 0.011	0.003 0.005
00117	0.003 0.008	0.000 0.003	0.003 -0.004	00068	0.033 0.009	0.015 0.002	-0.009 0.003	00121	0.002 0.006	0.002 0.001	0.001 -0.001	00144	0.012 0.076	-0.013 0.010	-0.001 -0.022	00116	0.005 0.022	-0.005 -0.002	0.000 -0.001
00118	0.000 0.002	-0.001 0.001	0.003 0.000	00073	-0.001 0.001	-0.002 0.001	0.003 0.000	00015	-0.001 0.005	-0.001 0.001	0.002 0.001	00109	0.005 0.004	0.001 0.000	-0.002 0.000	00072	-0.001 0.000	-0.002 0.003	0.002 -0.004
00111	0.002 0.004	0.000 0.001	0.002 0.000	00120	0.001 0.003	-0.002 0.002	0.004 -0.003	00119	0.002 0.003	0.000 0.001	0.003 -0.001	00069	-0.014 0.004	-0.033 0.001	0.010 -0.018	00110	0.003 0.003	0.001 0.001	0.000 -0.001
00070	-0.003 0.002	-0.009 0.003	0.004 -0.006																
Condizione carico (Pressione del Vento (+Y))																			
00067	0.003 0.000	0.000 -0.002	-0.002 0.001	00115	0.003 0.003	0.000 0.000	-0.002 -0.001	00010	0.003 0.008	0.001 0.002	-0.001 -0.001	00071	-0.007 -0.002	-0.021 0.002	-0.006 0.013	00147	0.009 0.063	-0.008 0.015	0.001 0.015
00117	0.004 0.020	-0.004 0.003	0.000 -0.001	00068	0.008 0.001	0.002 -0.003	-0.003 0.004	00121	0.001 0.004	0.000 0.000	-0.003 0.000	00144	0.010 0.027	0.000 -0.005	-0.003 -0.005	00116	0.005 0.008	0.000 -0.004	-0.003 0.001
00118	0.007 0.004	0.003 0.001	0.001 0.001	00073	0.009 0.002	0.003 0.001	0.001 -0.001	00015	0.009 0.011	0.004 0.004	0.000 -0.001	00109	0.002 0.005	0.000 0.001	-0.002 -0.001	00072	0.024 0.007	0.008 0.006	0.008 -0.004
00111	0.005 0.003	0.001 0.001	0.002 -0.001	00120	0.000 0.006	-0.002 0.001	-0.001 0.000	00119	0.004 0.004	0.001 0.002	0.001 -0.001	00069	0.000 0.001	-0.003 -0.001	-0.003 -0.005	00110	0.003 0.004	0.001 0.001	-0.001 -0.001
00070	-0.003 0.002	-0.008 0.001	-0.001 0.000																
Condizione carico (Pressione del Vento (-Y))																			
00067	-0.021 0.001	-0.007 0.004	0.004 -0.001	00115	-0.012 -0.008	-0.004 -0.001	0.003 0.004	00010	-0.016 -0.022	-0.007 -0.007	0.002 0.000	00071	0.006 0.003	0.020 -0.004	0.002 -0.015	00147	-0.015 -0.090	0.007 -0.027	-0.004 -0.019
00117	-0.007 -0.028	0.004 -0.006	-0.003 0.004	00068	-0.041 -0.010	-0.016 0.002	0.012 -0.007	00121	-0.004 -0.010	-0.002 -0.001	0.002 0.001	00144	-0.022 -0.103	0.014 -0.005	0.004 0.028	00116	-0.009 -0.030	0.006 0.006	0.003 0.000
00118	-0.007 -0.006	-0.003 -0.001	-0.004 -0.001	00073	-0.008 -0.003	-0.001 -0.001	0.001 0.001	00015	-0.008 -0.016	-0.003 -0.005	-0.002 0.000	00109	-0.007 -0.009	-0.001 -0.002	0.004 0.001	00072	-0.023 -0.006	-0.006 -0.009	0.000 0.008
00111	-0.006 -0.007	-0.002 -0.002	-0.003 0.001	00120	-0.001 -0.010	0.003 -0.003	-0.003 0.002	00119	-0.006 -0.007	-0.001 -0.003	-0.004 0.002	00069	0.014 -0.006	0.036 0.000	-0.007 0.024	00110	-0.006 -0.007	-0.002 -0.001	0.001 0.002
00070	0.005 -0.004	0.017 -0.003	-0.003 0.006																
Piano Terra				Parete 4-5				Parete 4-5											
Condizione carico (Carico Permanente)																			
00095	-0.061 -0.011	-0.018 -0.010	-0.004 0.001	00137	-0.045 0.015	-0.018 0.002	0.001 -0.006	00009	-0.053 0.057	-0.029 0.021	-0.004 0.005	00102	-0.001 0.000	0.012 0.001	-0.004 0.000	00146	-0.030 0.008	0.009 0.000	-0.008 0.002
00139	-0.019 0.003	0.004 0.000	-0.003 -0.001	00096	-0.060 0.010	-0.013 0.002	0.003 0.001	00143	-0.026 0.006	-0.006 0.001	0.003 -0.001	00145	-0.061 0.020	0.012 -0.003	0.013 -0.007	00138	-0.034 0.008	0.005 -0.002	0.008 0.000



Pareti - tensioni per condizioni di carico non sismiche

Nodo	σ <sub>L1</sub> σ <sub>P1</sub>	σ <sub>L2</sub> σ <sub>P2</sub>	τ <sub>L</sub> τ <sub>P</sub>	Nodo	σ <sub>L1</sub> σ <sub>P1</sub>	σ <sub>L2</sub> σ <sub>P2</sub>	τ <sub>L</sub> τ <sub>P</sub>	Nodo	σ <sub>L1</sub> σ <sub>P1</sub>	σ <sub>L2</sub> σ <sub>P2</sub>	τ <sub>L</sub> τ <sub>P</sub>	Nodo	σ <sub>L1</sub> σ <sub>P1</sub>	σ <sub>L2</sub> σ <sub>P2</sub>	τ <sub>L</sub> τ <sub>P</sub>	Nodo	σ <sub>L1</sub> σ <sub>P1</sub>	σ <sub>L2</sub> σ <sub>P2</sub>	τ <sub>L</sub> τ <sub>P</sub>
00140	[N/mm²] -0.035 0.014	[N/mm²] -0.017 0.001	[N/mm²] -0.001 0.004	00090	[N/mm²] -0.038 -0.008	[N/mm²] -0.011 -0.008	[N/mm²] 0.003 -0.001	00016	[N/mm²] -0.038 0.046	[N/mm²] -0.022 0.016	[N/mm²] 0.002 -0.004	00106	[N/mm²] -0.036 0.021	[N/mm²] -0.010 0.004	[N/mm²] 0.008 0.004	00091	[N/mm²] -0.034 0.003	[N/mm²] -0.003 -0.001	[N/mm²] -0.005 -0.001
00108	-0.033 0.019	-0.008 0.005	-0.007 -0.003	00142	-0.016 0.003	0.001 0.001	-0.003 -0.001	00141	-0.032 0.006	-0.009 0.002	-0.003 0.002	00100	-0.004 0.002	0.014 0.000	0.007 -0.006	00107	-0.036 0.004	-0.010 -0.001	0.002 0.000
00101	-0.004 0.001	0.017 0.002	-0.002 -0.003																
Condizione carico (Permanenti NON Strutturali)																			
00095	-0.011 -0.001	-0.003 -0.001	0.000 0.000	00137	-0.006 0.002	-0.002 0.000	0.001 -0.001	00009	-0.008 0.007	-0.004 0.002	-0.001 0.001	00102	-0.001 0.000	0.000 0.000	0.000 -0.002	00146	0.005 -0.005	0.000 0.000	0.001 -0.002
00139	0.002 -0.002	0.001 0.000	0.000 -0.001	00096	-0.016 0.004	-0.004 0.002	0.001 0.000	00143	-0.002 0.001	-0.001 0.000	0.001 0.000	00145	-0.017 0.004	0.004 -0.002	0.004 -0.002	00138	-0.008 0.002	0.001 0.000	0.000 -0.002
00140	0.002 0.000	0.001 0.000	0.000 0.000	00090	0.003 0.000	0.001 0.000	-0.001 0.000	00016	0.003 -0.001	0.002 -0.001	-0.001 0.000	00106	-0.003 0.003	-0.001 0.000	0.002 0.001	00091	0.006 -0.001	0.002 0.000	0.000 0.000
00108	0.000 0.001	0.000 0.000	0.000 0.000	00142	0.000 0.000	0.000 0.000	-0.001 -0.001	00141	0.000 0.000	0.000 0.000	0.000 0.000	00100	0.001 0.001	0.004 0.000	0.001 -0.002	00107	-0.002 0.000	-0.001 0.000	0.001 0.000
00101	0.001 0.000	0.003 0.000	-0.001 -0.002																
Condizione carico (Abitazioni)																			
00095	-0.040 -0.003	-0.010 0.001	0.000 0.001	00137	-0.022 0.004	-0.007 0.001	0.002 -0.001	00009	-0.030 0.022	-0.015 0.010	-0.002 0.003	00102	-0.002 0.000	0.000 0.001	-0.001 -0.009	00146	0.019 -0.021	0.000 0.000	0.004 -0.008
00139	0.009 -0.006	0.003 0.002	-0.001 -0.003	00096	-0.062 0.016	-0.016 0.009	0.003 0.000	00143	-0.010 0.004	-0.002 -0.001	0.003 -0.001	00145	-0.069 0.017	0.015 -0.007	0.016 -0.009	00138	-0.033 0.010	0.005 -0.001	0.008 -0.007
00140	0.007 -0.005	0.004 -0.001	-0.002 -0.001	00090	0.014 0.001	0.005 0.002	-0.004 0.001	00016	0.013 -0.010	0.008 -0.003	-0.002 0.000	00106	-0.014 0.002	-0.004 -0.001	0.007 0.003	00091	0.023 -0.004	0.008 0.001	0.001 -0.002
00108	0.000 -0.006	0.000 -0.002	0.002 0.000	00142	0.001 -0.001	0.002 0.000	-0.004 -0.003	00141	-0.002 -0.003	0.000 -0.002	-0.001 -0.001	00100	0.004 0.003	0.016 0.001	0.006 -0.010	00107	-0.007 -0.006	-0.002 -0.002	0.004 0.002
00101	0.002 0.000	0.011 0.001	-0.004 -0.006																
Condizione carico (Autorimessa <= 30kN)																			
00095	-0.001 0.000	-0.001 -0.001	0.000 0.000	00137	0.000 0.001	-0.001 0.000	0.000 0.000	00009	0.000 0.002	-0.001 0.000	0.000 0.000	00102	0.000 0.000	0.000 0.000	0.000 0.000	00146	0.000 0.000	0.000 0.000	0.000 0.000
00139	0.000 0.000	0.000 0.000	0.000 0.000	00096	0.000 0.000	0.000 -0.001	0.000 0.000	00143	0.000 0.000	0.000 0.000	0.000 0.000	00145	0.000 0.000	0.000 0.000	0.000 0.000	00138	0.000 0.000	0.000 0.000	0.000 0.000
00140	0.000 0.001	-0.001 0.000	0.000 0.000	00090	0.000 0.000	-0.001 -0.001	0.000 0.000	00016	0.000 0.002	-0.001 0.000	0.000 0.000	00106	0.000 0.003	0.000 0.001	0.000 0.000	00091	0.000 0.000	0.000 -0.001	0.000 0.000
00108	0.000 0.003	0.000 0.001	0.000 0.000	00142	0.000 0.000	0.000 0.000	0.000 0.000	00141	0.000 0.001	0.000 0.001	0.000 0.000	00100	0.000 0.000	0.000 0.000	0.000 0.000	00107	0.000 0.002	0.000 0.001	0.000 0.000
00101	0.000 0.000	0.000 0.000	0.000 0.000																
Condizione carico (Carico da Neve <= 1000 m s.l.m.)																			
00095	-0.014 -0.001	-0.003 0.001	0.000 0.000	00137	-0.008 0.001	-0.002 0.000	0.001 0.000	00009	-0.010 0.007	-0.005 0.003	-0.001 0.001	00102	-0.001 0.000	0.001 0.000	-0.001 -0.002	00146	0.004 -0.005	0.000 0.000	0.001 -0.002
00139	0.002 -0.002	0.001 0.001	-0.001 -0.001	00096	-0.021 0.005	-0.005 0.003	0.001 0.000	00143	-0.003 0.002	-0.001 0.000	0.001 0.000	00145	-0.024 0.005	0.005 -0.002	0.006 -0.003	00138	-0.011 0.003	0.002 0.000	0.003 -0.002
00140	0.002 -0.002	0.001 0.000	-0.001 0.000	00090	0.004 0.000	0.001 0.001	-0.001 0.000	00016	0.004 -0.003	0.002 -0.001	-0.001 0.000	00106	-0.005 0.000	-0.001 0.000	0.002 0.001	00091	0.006 -0.001	0.002 0.001	0.000 -0.001
00108	-0.001 -0.002	0.000 -0.001	0.000 0.000	00142	0.000 0.000	0.001 0.000	-0.001 -0.001	00141	-0.001 -0.001	0.000 -0.001	0.000 0.000	00100	0.001 0.001	0.005 0.000	0.002 -0.003	00107	-0.003 -0.002	-0.001 -0.001	0.001 0.001
00101	0.001 0.000	0.004 0.000	-0.001 -0.002																
Condizione carico (Spinta Terreno (statica))																			
00095	0.000 0.000	0.000 0.000	0.000 0.000	00137	0.000 0.000	0.000 0.000	0.000 0.000	00009	0.000 0.000	0.000 0.000	0.000 0.000	00102	0.000 0.000	0.000 0.000	0.000 0.000	00146	0.000 0.000	0.000 0.000	0.000 0.000
00139	0.000 0.000	0.000 0.000	0.000 0.000	00096	0.000 0.000	0.000 0.000	0.000 0.000	00143	0.000 0.000	0.000 0.000	0.000 0.000	00145	0.000 0.000	0.000 0.000	0.000 0.000	00138	0.000 0.000	0.000 0.000	0.000 0.000
00140	0.000 0.000	0.000 0.000	0.000 0.000	00090	0.000 0.000	0.000 0.000	0.000 0.000	00016	0.000 0.000	0.000 0.000	0.000 0.000	00106	0.000 0.000	0.000 0.000	0.000 0.000	00091	0.000 0.000	0.000 0.000	0.000 0.000
00108	0.000 0.000	0.000 0.000	0.000 0.000	00142	0.000 0.000	0.000 0.000	0.000 0.000	00141	0.000 0.000	0.000 0.000	0.000 0.000	00100	0.000 0.000	0.000 0.000	0.000 0.000	00107	0.000 0.000	0.000 0.000	0.000 0.000
00101	0.000 0.000	0.000 0.000	0.000 0.000																
Condizione carico (Spinta Terreno (sisma))																			
00095	-0.011 -0.014	-0.028 -0.088	0.000 -0.008	00137	-0.003 0.022	-0.018 0.006	0.001 -0.039	00009	-0.012 0.006	-0.010 -0.007	0.005 -0.012	00102	0.001 0.003	-0.019 0.021	0.001 0.000	00146	-0.001 -0.037	-0.018 -0.114	0.002 -0.004
00139	0.000 0.003	-0.020 -0.032	0.002 -0.005	00096	-0.002 -0.030	-0.024 -0.106	-0.002 0.003	00143	0.002 0.065	-0.021 0.065	-0.002 -0.012	00145	-0.002 -0.040	-0.018 -0.108	-0.003 0.004	00138	0.000 -0.003	-0.021 -0.030	-0.002 0.004
00140	-0.003 0.028	-0.016 0.004	-0.003 0.039	00090	-0.007 -0.013	-0.026 -0.073	0.001 0.011	00016	-0.010 0.006	-0.010 -0.009	-0.005 0.013	00106	0.008 -0.028	-0.004 -0.010	0.002 -0.019	00091	-0.004 -0.028	-0.023 -0.121	0.002 0.002
00108	0.007 -0.044	-0.003 -0.017	-0.003 0.019	00142	0.000 0.033	-0.022 0.065	0.002 0.000	00141	0.003 0.056	-0.017 0.049	-0.001 0.022	00100	0.002 0.003	-0.019 0.020	-0.002 0.005	00107	0.009 -0.047	-0.003 -0.016	0.001 -0.005
00101	0.001 0.012	-0.023 0.069	0.000 -0.003																



Pareti - tensioni per condizioni di carico non sismiche

Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$	Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$	Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$	Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$	Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$
	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]
<b>Condizione carico (Pressione del Vento (+X))</b>																			
00095	-0.013 0.001	-0.005 -0.002	0.002 0.001	00137	-0.007 0.004	-0.003 0.001	0.001 -0.001	00009	-0.010 0.011	-0.004 0.003	0.000 0.000	00102	0.002 -0.001	0.008 0.001	-0.001 0.010	00146	-0.010 0.054	0.003 0.008	-0.003 0.010
00139	-0.005 0.018	0.002 0.001	-0.002 -0.003	00096	-0.026 0.007	-0.011 0.001	0.008 0.006	00143	-0.002 0.007	-0.001 0.000	0.001 0.000	00145	-0.012 0.065	0.010 0.001	0.001 -0.016	00138	-0.005 0.020	0.004 -0.004	0.001 0.000
00140	-0.003 0.003	-0.001 0.000	-0.002 0.000	00090	-0.003 0.002	0.000 0.000	-0.002 -0.001	00016	-0.003 0.006	0.000 0.002	-0.001 0.000	00106	-0.004 0.005	-0.001 0.001	0.002 0.000	00091	-0.011 0.005	-0.003 0.005	-0.005 -0.006
00108	-0.003 0.004	-0.001 0.001	-0.002 0.000	00142	-0.001 0.006	0.002 0.000	-0.002 -0.001	00141	-0.003 0.004	-0.001 0.001	-0.003 -0.001	00100	0.010 0.004	0.025 0.000	-0.006 -0.015	00107	-0.003 0.004	-0.001 0.000	0.000 0.000
00101	0.003 0.002	0.010 0.001	-0.002 -0.003																
<b>Condizione carico (Pressione del Vento (-X))</b>																			
00095	0.001 -0.001	0.002 -0.002	0.003 0.002	00137	-0.001 0.003	0.001 0.000	0.003 0.000	00009	0.000 0.005	0.001 0.001	0.002 -0.001	00102	0.010 -0.002	0.031 0.001	0.009 0.021	00146	-0.012 0.090	0.012 0.013	-0.001 0.020
00139	-0.005 0.030	0.005 0.001	0.001 0.000	00096	-0.002 -0.001	0.002 -0.005	0.001 0.006	00143	-0.001 0.004	0.000 -0.001	0.004 0.001	00145	-0.011 0.016	-0.003 -0.015	0.004 0.001	00138	-0.005 0.006	-0.001 -0.007	0.004 0.003
00140	-0.009 0.005	-0.005 0.001	0.000 0.000	00090	-0.013 0.003	-0.005 0.001	0.000 -0.002	00016	-0.012 0.012	-0.006 0.004	0.001 -0.001	00106	-0.002 0.005	0.000 0.001	0.002 -0.001	00091	-0.035 0.012	-0.013 0.009	-0.011 -0.007
00108	-0.005 0.005	-0.002 0.001	-0.001 -0.001	00142	0.000 0.009	0.002 0.000	0.003 0.001	00141	-0.005 0.005	-0.002 0.002	0.000 -0.002	00100	-0.003 0.001	-0.006 -0.003	0.007 -0.002	00107	-0.003 0.005	-0.002 0.000	0.001 -0.002
00101	0.003 0.003	0.009 -0.001	0.002 0.002																
<b>Condizione carico (Pressione del Vento (+Y))</b>																			
00095	-0.013 0.001	-0.005 -0.002	0.002 0.001	00137	-0.007 0.004	-0.003 0.001	0.001 -0.001	00009	-0.010 0.011	-0.004 0.003	0.000 0.000	00102	0.002 -0.001	0.008 0.001	-0.001 0.010	00146	-0.010 0.054	0.003 0.008	-0.003 0.010
00139	-0.005 0.018	0.002 0.001	-0.002 -0.003	00096	-0.026 0.007	-0.011 0.001	0.008 0.006	00143	-0.002 0.007	-0.001 0.000	0.001 0.000	00145	-0.012 0.065	0.010 0.001	0.001 -0.016	00138	-0.005 0.020	0.004 -0.004	0.001 0.000
00140	-0.003 0.003	-0.001 0.000	-0.002 0.000	00090	-0.003 0.002	0.000 0.000	-0.002 -0.001	00016	-0.003 0.006	0.000 0.002	-0.001 0.000	00106	-0.004 0.005	-0.001 0.001	0.002 0.000	00091	-0.011 0.005	-0.003 0.005	-0.005 -0.006
00108	-0.003 0.004	-0.001 0.001	-0.002 0.000	00142	-0.001 0.006	0.002 0.000	-0.002 -0.001	00141	-0.003 0.004	-0.001 0.001	-0.003 -0.001	00100	0.010 0.004	0.025 0.000	-0.006 -0.015	00107	-0.003 0.004	-0.001 0.000	0.000 0.000
00101	0.003 0.002	0.010 0.001	-0.002 -0.003																
<b>Condizione carico (Pressione del Vento (-Y))</b>																			
00095	0.012 -0.002	0.003 0.003	-0.004 -0.003	00137	0.008 -0.007	0.002 -0.001	-0.004 0.002	00009	0.010 -0.016	0.003 -0.004	-0.002 0.001	00102	-0.012 0.004	-0.039 -0.002	-0.009 -0.031	00146	0.022 -0.144	-0.015 -0.021	0.004 -0.030
00139	0.010 -0.047	-0.007 -0.002	0.001 0.003	00096	0.027 -0.006	0.009 0.005	-0.008 -0.012	00143	0.003 -0.011	0.001 0.001	-0.005 -0.001	00145	0.023 -0.080	-0.007 0.013	-0.005 0.016	00138	0.010 -0.027	-0.003 0.011	-0.005 -0.003
00140	0.012 -0.007	0.005 -0.001	0.002 0.000	00090	0.016 -0.005	0.005 -0.001	0.002 0.003	00016	0.015 -0.018	0.007 -0.006	0.001 0.002	00106	0.005 -0.010	0.001 -0.002	-0.004 0.001	00091	0.047 -0.017	0.016 -0.014	0.015 0.013
00108	0.008 -0.009	0.002 -0.002	0.003 0.002	00142	0.001 -0.015	-0.003 0.000	-0.001 0.000	00141	0.007 -0.008	0.002 -0.003	0.003 0.003	00100	-0.007 -0.005	-0.019 0.002	-0.001 0.017	00107	0.006 -0.008	0.003 -0.001	-0.001 0.002
00101	-0.006 -0.005	-0.019 0.000	0.000 0.001																
<b>Piano Terra</b>																			
<b>Condizione carico (Carico Permanente)</b>										<b>Parete 1-4</b>									
00090	-0.045 -0.014	-0.016 -0.019	-0.006 -0.002	00125	-0.032 0.010	-0.011 0.003	0.003 -0.004	00016	-0.043 0.047	-0.019 0.016	-0.001 0.002	00112	-0.036 0.015	-0.010 0.003	-0.010 0.000	00128	-0.031 0.009	-0.011 0.002	-0.003 0.004
00015	-0.043 0.048	-0.019 0.018	0.002 -0.004	00091	-0.031 0.003	-0.005 -0.002	0.004 0.004	00114	-0.037 0.022	-0.010 0.006	0.008 0.000	00146	-0.032 0.012	0.009 0.002	0.009 -0.003	00092	-0.001 0.000	0.011 0.002	0.004 -0.003
00126	-0.022 0.004	0.003 0.000	0.003 0.001	00127	-0.022 0.004	0.003 0.000	-0.003 -0.001	00147	-0.033 0.013	0.009 0.001	-0.009 0.003	00072	-0.031 0.003	-0.006 -0.003	-0.004 -0.004	00073	-0.046 -0.014	-0.017 -0.019	0.007 0.002
00130	-0.013 0.002	0.004 0.003	0.000 0.000	00094	-0.001 0.000	0.011 0.001	-0.004 0.003	00129	-0.033 0.011	-0.007 0.003	0.000 0.000	00093	-0.002 0.000	0.020 0.003	0.000 0.000	00113	-0.044 0.018	-0.006 0.003	-0.001 0.001
<b>Condizione carico (Permanenti NON Strutturali)</b>																			
00090	0.004 0.000	0.000 0.000	0.000 0.000	00125	0.003 -0.001	0.001 0.000	-0.001 0.000	00016	0.003 -0.005	0.001 -0.002	0.000 0.000	00112	0.002 -0.002	0.001 -0.001	0.001 0.000	00128	0.003 -0.002	0.001 -0.001	0.001 0.000
00015	0.003 -0.005	0.001 -0.002	0.000 0.000	00091	0.004 -0.001	0.002 -0.001	-0.002 0.000	00114	0.002 -0.001	0.001 0.000	-0.001 0.000	00146	0.005 -0.003	-0.002 0.001	-0.002 0.000	00092	-0.001 0.000	-0.003 0.000	0.000 0.001
00126	0.002 -0.002	-0.001 0.000	-0.001 0.000	00127	0.002 -0.001	-0.001 0.000	0.001 0.000	00147	0.005 -0.002	-0.002 0.002	0.002 0.000	00072	0.004 -0.001	0.001 0.000	0.002 0.000	00073	0.004 0.000	0.000 0.000	0.000 0.000
00130	0.001 -0.001	-0.001 0.000	0.000 0.000	00094	-0.001 0.000	-0.003 0.000	0.000 -0.001	00129	0.002 -0.001	0.000 0.000	0.000 0.000	00093	0.000 0.000	-0.004 0.000	0.000 0.000	00113	0.003 0.000	0.000 0.000	0.000 0.000
<b>Condizione carico (Abitazioni)</b>																			
00090	0.019 0.000	0.004 0.010	0.000 -0.002	00125	0.011 -0.010	0.004 -0.003	-0.003 0.001	00016	0.015 -0.025	0.006 -0.007	-0.001 0.001	00112	0.008 -0.017	0.003 -0.004	0.003 -0.002	00128	0.011 -0.009	0.004 -0.003	0.004 -0.001
00015	0.015 -0.025	0.006 -0.007	0.001 -0.001	00091	0.018 -0.001	0.006 0.002	-0.006 -0.002	00114	0.008 -0.019	0.003 -0.005	-0.003 0.001	00146	0.020 -0.011	-0.008 0.006	-0.007 0.002	00092	-0.003 0.000	-0.012 -0.001	-0.001 0.003
00126	0.010 -0.006	-0.003 0.002	-0.004 -0.001	00127	0.010 -0.005	-0.002 0.002	0.004 0.001	00147	0.020 -0.009	-0.008 0.007	0.007 -0.001	00072	0.018 -0.001	0.006 0.002	0.006 0.002	00073	0.019 0.000	0.004 0.009	0.000 0.002
00130	0.002 -0.003	-0.003 -0.002	0.000 0.000	00094	-0.003 0.000	-0.011 -0.001	0.001 -0.003	00129	0.007 -0.011	0.002 -0.004	0.000 0.000	00093	-0.001 0.001	-0.017 -0.002	0.000 0.000	00113	0.009 -0.020	0.001 -0.004	0.000 0.000



Pareti - tensioni per condizioni di carico non sismiche

Nodo	σ <sub>L1</sub> σ <sub>P1</sub>	σ <sub>L2</sub> σ <sub>P2</sub>	τ <sub>L</sub> τ <sub>P</sub>	Nodo	σ <sub>L1</sub> σ <sub>P1</sub>	σ <sub>L2</sub> σ <sub>P2</sub>	τ <sub>L</sub> τ <sub>P</sub>	Nodo	σ <sub>L1</sub> σ <sub>P1</sub>	σ <sub>L2</sub> σ <sub>P2</sub>	τ <sub>L</sub> τ <sub>P</sub>	Nodo	σ <sub>L1</sub> σ <sub>P1</sub>	σ <sub>L2</sub> σ <sub>P2</sub>	τ <sub>L</sub> τ <sub>P</sub>	Nodo	σ <sub>L1</sub> σ <sub>P1</sub>	σ <sub>L2</sub> σ <sub>P2</sub>	τ <sub>L</sub> τ <sub>P</sub>
	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]
Condizione carico (Autorimessa <= 30kN)																			
00090	-0.001 0.000	-0.001 -0.002	0.000 0.000	00125	0.000 0.001	0.000 0.001	0.000 0.000	00016	-0.001 0.002	0.000 0.000	0.000 -0.001	00112	0.000 0.003	0.000 0.001	0.000 0.001	00128	0.000 0.001	0.000 0.000	0.000 0.000
00015	-0.001 0.002	0.000 0.000	0.000 0.000	00091	0.000 0.000	0.000 -0.001	0.000 0.000	00114	0.000 0.004	0.000 0.001	0.000 -0.001	00146	0.000 0.000	0.000 0.000	0.000 0.000	00092	0.000 0.000	0.000 0.000	0.000 0.000
00126	0.000 0.000	0.000 0.000	0.000 0.000	00127	0.000 0.000	0.000 0.000	0.000 0.000	00147	0.000 0.000	0.000 0.000	0.000 0.000	00072	0.000 0.000	0.000 -0.001	0.000 0.000	00073	-0.001 0.000	-0.001 -0.002	0.000 0.000
00130	0.000 0.000	0.000 0.001	0.000 0.000	00094	0.000 0.000	0.000 0.000	0.000 0.000	00129	0.000 0.002	0.000 0.001	0.000 0.000	00093	0.000 0.000	0.000 0.000	0.000 0.000	00113	0.000 0.006	0.000 0.001	0.000 0.000
Condizione carico (Carico da Neve <= 1000 m s.l.m.)																			
00090	0.005 0.000	0.001 0.003	0.000 -0.001	00125	0.003 -0.003	0.001 -0.001	-0.001 0.000	00016	0.004 -0.008	0.002 -0.002	0.000 0.000	00112	0.002 -0.006	0.001 -0.001	0.001 -0.001	00128	0.003 -0.003	0.001 -0.001	0.001 0.000
00015	0.004 -0.008	0.002 -0.002	0.000 0.000	00091	0.004 0.000	0.001 0.001	-0.002 -0.001	00114	0.002 -0.006	0.001 -0.002	-0.001 0.000	00146	0.005 -0.002	-0.002 0.002	-0.002 0.000	00092	-0.001 0.000	-0.003 0.000	0.000 0.001
00126	0.002 -0.001	-0.001 0.000	-0.001 0.000	00127	0.002 -0.001	-0.001 0.001	0.001 0.000	00147	0.005 -0.002	-0.002 0.002	0.002 0.000	00072	0.004 0.000	0.001 0.001	0.002 0.001	00073	0.005 0.000	0.001 0.003	0.001 0.001
00130	0.001 -0.001	-0.001 -0.001	0.000 0.000	00094	-0.001 0.000	-0.003 0.000	0.000 -0.001	00129	0.002 -0.004	0.001 -0.001	0.000 0.000	00093	0.000 0.000	-0.004 -0.001	0.000 0.000	00113	0.002 -0.007	0.000 -0.001	0.000 0.000
Condizione carico (Spinta Terreno (statica))																			
00090	0.000 0.000	0.000 0.000	0.000 0.000	00125	0.000 0.000	0.000 0.000	0.000 0.000	00016	0.000 0.000	0.000 0.000	0.000 0.000	00112	0.000 0.000	0.000 0.000	0.000 0.000	00128	0.000 0.000	0.000 0.000	0.000 0.000
00015	0.000 0.000	0.000 0.000	0.000 0.000	00091	0.000 0.000	0.000 0.000	0.000 0.000	00114	0.000 0.000	0.000 0.000	0.000 0.000	00146	0.000 0.000	0.000 0.000	0.000 0.000	00092	0.000 0.000	0.000 0.000	0.000 0.000
00126	0.000 0.000	0.000 0.000	0.000 0.000	00127	0.000 0.000	0.000 0.000	0.000 0.000	00147	0.000 0.000	0.000 0.000	0.000 0.000	00072	0.000 0.000	0.000 0.000	0.000 0.000	00073	0.000 0.000	0.000 0.000	0.000 0.000
00130	0.000 0.000	0.000 0.000	0.000 0.000	00094	0.000 0.000	0.000 0.000	0.000 0.000	00129	0.000 0.000	0.000 0.000	0.000 0.000	00093	0.000 0.000	0.000 0.000	0.000 0.000	00113	0.000 0.000	0.000 0.000	0.000 0.000
Condizione carico (Spinta Terreno (sisma))																			
00090	-0.014 -0.014	-0.040 -0.155	-0.001 0.022	00125	-0.002 0.033	-0.018 0.017	-0.001 -0.037	00016	-0.014 0.003	-0.006 -0.010	0.003 -0.007	00112	0.007 -0.046	-0.006 -0.016	-0.004 0.020	00128	-0.001 0.033	-0.018 0.017	0.001 0.038
00015	-0.014 0.003	-0.007 -0.010	-0.003 0.008	00091	-0.005 -0.034	-0.024 -0.125	-0.003 0.004	00114	0.008 -0.048	-0.006 -0.017	0.003 -0.020	00146	-0.002 -0.039	-0.018 -0.105	-0.001 0.014	00092	0.002 -0.006	-0.021 0.016	-0.001 0.002
00126	-0.002 0.009	-0.021 -0.016	-0.003 0.014	00127	-0.002 0.009	-0.021 -0.017	0.003 -0.013	00147	-0.002 -0.040	-0.018 -0.106	0.001 -0.014	00072	-0.005 -0.034	-0.024 -0.127	0.003 -0.004	00073	-0.015 -0.014	-0.040 -0.156	0.001 -0.022
00130	0.002 0.041	-0.024 0.074	0.000 0.000	00094	0.002 -0.006	-0.021 0.015	0.001 -0.002	00129	0.005 0.061	-0.012 0.048	0.000 0.000	00093	0.000 0.007	-0.022 0.048	0.000 0.000	00113	0.006 -0.083	0.004 -0.018	0.000 0.000
Condizione carico (Pressione del Vento (+X))																			
00090	-0.005 -0.001	-0.002 0.003	-0.003 -0.002	00125	-0.001 -0.002	-0.002 0.000	-0.002 0.000	00016	-0.002 -0.003	-0.002 0.000	-0.001 0.001	00112	0.005 -0.001	0.002 0.000	0.001 0.001	00128	0.006 -0.002	0.004 -0.001	0.000 0.000
00015	0.008 -0.007	0.005 -0.003	-0.001 0.001	00091	-0.010 0.005	-0.006 0.006	0.006 0.000	00114	0.000 -0.005	0.000 -0.001	-0.001 0.001	00146	0.009 0.020	0.006 0.014	-0.005 -0.008	00092	0.009 0.000	0.018 0.003	-0.010 -0.006
00126	0.003 0.006	0.002 0.003	-0.004 -0.001	00127	0.003 -0.016	-0.002 0.000	-0.002 0.000	00147	0.007 -0.052	-0.010 -0.012	0.000 -0.014	00072	0.020 -0.007	0.010 -0.008	0.008 0.005	00073	0.013 0.001	0.003 0.001	-0.003 -0.001
00130	0.001 -0.002	-0.001 0.000	-0.005 -0.002	00094	-0.011 0.000	-0.021 -0.003	-0.008 -0.014	00129	0.002 -0.002	0.000 0.000	-0.002 0.001	00093	0.000 0.001	-0.003 -0.001	-0.004 -0.004	00113	0.003 -0.002	0.000 0.000	-0.001 0.001
Condizione carico (Pressione del Vento (-X))																			
00090	-0.019 -0.002	-0.003 -0.003	-0.003 -0.001	00125	-0.009 0.004	-0.005 0.002	0.002 -0.001	00016	-0.012 0.013	-0.006 0.005	0.000 0.000	00112	-0.002 0.006	-0.001 0.001	-0.002 0.002	00128	-0.002 0.003	0.000 0.001	-0.003 0.001
00015	-0.001 0.009	0.000 0.002	-0.002 0.001	00091	-0.029 0.009	-0.015 0.010	0.013 0.005	00114	-0.006 0.004	-0.002 0.001	0.002 0.001	00146	-0.011 0.079	0.016 0.023	0.000 -0.022	00092	0.015 0.001	0.033 0.006	-0.012 -0.020
00126	-0.005 0.024	0.005 0.002	-0.001 0.000	00127	-0.005 0.002	0.001 -0.002	-0.005 -0.001	00147	-0.013 0.006	0.000 -0.004	-0.006 0.000	00072	0.000 -0.002	0.000 -0.004	0.001 -0.001	00073	-0.001 0.000	0.002 -0.005	-0.003 -0.002
00130	0.000 0.005	0.004 0.001	-0.005 -0.002	00094	-0.005 0.001	-0.005 0.000	-0.007 0.000	00129	-0.004 0.005	-0.001 0.001	-0.002 0.001	00093	0.001 -0.003	0.014 0.005	-0.004 -0.003	00113	-0.005 0.004	0.000 0.001	-0.001 0.001
Condizione carico (Pressione del Vento (+Y))																			
00090	-0.005 -0.001	-0.002 0.003	-0.003 -0.002	00125	-0.001 -0.002	-0.002 0.000	-0.002 0.000	00016	-0.002 -0.003	-0.002 0.000	-0.001 0.001	00112	0.005 -0.001	0.002 0.000	0.001 0.001	00128	0.006 -0.002	0.004 -0.001	0.000 0.000
00015	0.008 -0.007	0.005 -0.003	-0.001 0.001	00091	-0.010 0.005	-0.006 0.006	0.006 0.000	00114	0.000 -0.005	0.000 -0.001	-0.001 0.001	00146	0.009 0.020	0.006 0.014	-0.005 -0.008	00092	0.009 0.000	0.018 0.003	-0.010 -0.006
00126	0.003 0.006	0.002 0.003	-0.004 -0.001	00127	0.003 -0.016	-0.002 0.000	-0.002 0.000	00147	0.007 -0.052	-0.010 -0.012	0.000 -0.014	00072	0.020 -0.007	0.010 -0.008	0.008 0.005	00073	0.013 0.001	0.003 0.001	-0.003 -0.001
00130	0.001 -0.002	-0.001 0.000	-0.005 -0.002	00094	-0.011 0.000	-0.021 -0.003	-0.008 -0.014	00129	0.002 -0.002	0.000 0.000	-0.002 0.001	00093	0.000 0.001	-0.003 -0.001	-0.004 -0.004	00113	0.003 -0.002	0.000 0.000	-0.001 0.001
Condizione carico (Pressione del Vento (-Y))																			
00090	0.024 0.002	0.005 0.000	0.006 0.003	00125	0.010 -0.002	0.007 -0.003	0.000 0.000	00016	0.014 -0.010	0.008 -0.005	0.001 -0.001	00112	-0.002 -0.004	-0.001 -0.001	0.001 -0.003	00128	-0.004 -0.001	-0.004 0.001	0.004 -0.002
00015	-0.007 -0.002	-0.005 0.001	0.003 -0.002	00091	0.039 -0.014	0.021 -0.017	-0.019 -0.005	00114	0.006 0.001	0.003 0.000	-0.001 -0.003	00146	0.001 -0.100	-0.023 -0.037	0.005 0.030	00092	-0.024 -0.001	-0.051 -0.009	0.022 0.026
00126	0.002 -0.030	-0.007 -0.005	0.006 0.002	00127	0.001 0.014	0.001 0.002	0.007 0.002	00147	0.006 0.046	0.010 0.016	0.006 0.014	00072	-0.020 0.009	-0.011 0.012	-0.009 -0.004	00073	-0.012 -0.001	-0.004 0.004	0.006 0.003
00130	-0.001 -0.003	-0.003 -0.001	0.009 0.004	00094	0.015 -0.001	0.026 0.003	0.015 0.013	00129	0.001 -0.002	0.000 -0.001	0.004 -0.002	00093	0.000 0.002	-0.011 -0.004	0.007 0.007	00113	0.002 -0.001	0.000 0.000	0.002 -0.002



Pareti - tensioni per condizioni di carico non sismiche

Nodo	σ <sub>L1</sub> σ <sub>P1</sub>	σ <sub>L2</sub> σ <sub>P2</sub>	τ <sub>L</sub> τ <sub>P</sub>	Nodo	σ <sub>L1</sub> σ <sub>P1</sub>	σ <sub>L2</sub> σ <sub>P2</sub>	τ <sub>L</sub> τ <sub>P</sub>	Nodo	σ <sub>L1</sub> σ <sub>P1</sub>	σ <sub>L2</sub> σ <sub>P2</sub>	τ <sub>L</sub> τ <sub>P</sub>	Nodo	σ <sub>L1</sub> σ <sub>P1</sub>	σ <sub>L2</sub> σ <sub>P2</sub>	τ <sub>L</sub> τ <sub>P</sub>	Nodo	σ <sub>L1</sub> σ <sub>P1</sub>	σ <sub>L2</sub> σ <sub>P2</sub>	τ <sub>L</sub> τ <sub>P</sub>
	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]
Piano Terra												Parete 2-5							
Condizione carico (Carico Permanente)																			
00134	-0.047 -0.017	-0.016 -0.002	-0.006 -0.007	00067	-0.059 0.012	-0.007 0.017	0.004 0.002	00010	-0.058 -0.071	-0.027 -0.026	0.002 0.005	00095	-0.068 0.018	-0.017 0.028	-0.008 0.000	00096	-0.055 -0.010	-0.013 -0.002	0.009 -0.006
00131	-0.045 -0.016	-0.015 -0.006	0.007 0.005	00009	-0.058 -0.071	-0.026 -0.024	-0.001 -0.002	00145	-0.066 -0.022	0.020 0.002	0.019 0.006	00132	-0.038 -0.011	0.007 0.000	0.008 0.000	00133	-0.038 -0.012	0.003 0.001	-0.008 0.001
00144	-0.068 -0.023	0.017 0.003	-0.018 -0.006	00068	-0.065 -0.012	-0.016 -0.004	-0.010 0.001	00099	0.000 -0.001	0.021 -0.002	-0.008 -0.008	00105	-0.048 -0.024	-0.014 -0.005	-0.012 0.000	00097	0.001 -0.001	0.022 -0.003	0.008 0.007
00136	-0.015 -0.005	0.010 -0.004	0.000 0.000	00103	-0.047 -0.033	-0.013 -0.009	0.011 0.000	00135	-0.042 -0.018	-0.013 -0.005	0.001 0.000	00104	-0.057 -0.027	-0.007 -0.005	-0.001 -0.001	00098	-0.001 0.002	0.041 -0.006	0.000 0.000
Condizione carico (Permanenti NON Strutturali)																			
00134	-0.008 -0.003	-0.002 -0.001	-0.002 -0.001	00067	-0.010 0.000	0.001 0.002	0.000 0.001	00010	-0.008 -0.010	-0.004 -0.004	0.000 0.000	00095	-0.013 0.001	-0.001 0.004	-0.001 -0.001	00096	-0.013 -0.004	-0.005 -0.002	0.002 -0.001
00131	-0.007 -0.004	-0.003 -0.001	0.002 0.000	00009	-0.008 -0.011	-0.004 -0.003	0.000 0.000	00145	-0.021 -0.007	0.007 0.001	0.006 0.002	00132	-0.009 -0.004	0.002 0.000	0.003 0.000	00133	-0.008 -0.004	0.001 0.000	-0.003 0.000
00144	-0.021 -0.007	0.006 0.002	-0.006 -0.002	00068	-0.017 -0.004	-0.006 -0.003	-0.003 0.001	00099	0.002 0.000	0.005 -0.001	-0.003 -0.003	00105	-0.006 -0.004	-0.002 -0.001	-0.002 0.000	00097	0.002 0.000	0.005 -0.001	0.003 0.003
00136	-0.002 -0.002	0.002 -0.001	0.000 0.000	00103	-0.005 -0.007	-0.002 -0.002	0.001 0.000	00135	-0.006 -0.004	-0.003 -0.001	0.000 0.000	00104	-0.007 -0.006	-0.001 -0.001	0.000 0.000	00098	0.001 0.001	0.011 -0.002	0.000 0.000
Condizione carico (Abitazioni)																			
00134	-0.031 -0.010	-0.008 -0.002	-0.008 -0.003	00067	-0.040 0.000	0.005 0.004	0.000 0.003	00010	-0.031 -0.036	-0.014 -0.013	0.000 0.003	00095	-0.048 0.004	-0.002 0.010	-0.003 -0.001	00096	-0.053 -0.017	-0.019 -0.011	0.010 -0.005
00131	-0.030 -0.010	-0.010 -0.004	0.008 0.001	00009	-0.031 -0.037	-0.015 -0.013	0.001 -0.002	00145	-0.084 -0.029	0.026 0.004	0.025 0.008	00132	-0.037 -0.017	0.008 0.000	0.011 0.002	00133	-0.033 -0.017	0.004 0.001	-0.011 -0.002
00144	-0.084 -0.029	0.025 0.006	-0.025 -0.008	00068	-0.066 -0.017	-0.024 -0.015	-0.012 0.005	00099	0.006 -0.002	0.021 -0.003	-0.012 -0.011	00105	-0.025 -0.008	-0.007 -0.001	-0.007 0.002	00097	0.007 -0.002	0.020 -0.003	0.011 0.011
00136	-0.007 -0.008	0.010 -0.001	0.000 0.000	00103	-0.023 -0.014	-0.007 -0.003	0.006 -0.002	00135	-0.022 -0.010	-0.010 -0.001	0.001 0.000	00104	-0.028 -0.006	-0.003 -0.001	0.000 -0.001	00098	0.003 0.004	0.044 -0.006	0.000 0.000
Condizione carico (Autorimessa <= 30kN)																			
00134	0.000 -0.001	0.000 0.000	0.000 0.000	00067	0.000 0.000	-0.001 0.002	0.000 0.000	00010	-0.001 -0.002	0.000 0.000	0.000 0.000	00095	-0.001 0.000	-0.001 0.002	0.000 0.000	00096	0.000 0.000	0.000 0.001	0.000 0.000
00131	0.000 -0.001	0.000 -0.001	0.000 0.000	00009	-0.001 -0.002	0.000 0.000	0.000 0.001	00145	0.000 0.000	0.000 0.000	0.000 0.000	00132	0.000 0.000	0.000 0.000	0.000 0.000	00133	0.000 0.000	0.000 0.000	0.000 0.000
00144	0.000 0.000	0.000 0.000	0.000 0.000	00068	0.000 0.000	0.000 0.001	0.000 0.000	00099	0.000 0.000	0.000 0.000	0.000 0.000	00105	0.000 -0.003	0.000 -0.001	0.000 -0.001	00097	0.000 0.000	0.000 0.000	0.000 0.000
00136	0.000 0.000	0.000 -0.001	0.000 0.000	00103	0.000 -0.004	0.000 -0.001	0.000 0.001	00135	0.000 -0.002	0.000 -0.001	0.000 0.000	00104	0.000 -0.006	0.000 -0.001	0.000 0.000	00098	0.000 0.000	0.000 0.000	0.000 0.000
Condizione carico (Carico da Neve <= 1000 m s.l.m.)																			
00134	-0.010 -0.003	-0.003 -0.001	-0.003 -0.001	00067	-0.013 0.000	0.002 0.001	0.000 0.001	00010	-0.010 -0.012	-0.005 -0.004	0.000 0.001	00095	-0.016 0.001	-0.001 0.003	-0.001 0.000	00096	-0.018 -0.006	-0.006 -0.004	0.003 -0.001
00131	-0.010 -0.003	-0.003 -0.001	0.003 0.000	00009	-0.010 -0.012	-0.005 -0.004	0.000 -0.001	00145	-0.028 -0.008	0.009 0.002	0.008 0.002	00132	-0.012 -0.005	0.003 0.000	0.004 0.001	00133	-0.011 -0.005	0.001 0.000	-0.004 -0.001
00144	-0.028 -0.008	0.008 0.003	-0.008 -0.002	00068	-0.022 -0.006	-0.008 -0.005	-0.004 0.002	00099	0.002 -0.001	0.007 -0.001	-0.004 -0.003	00105	-0.009 -0.002	-0.002 0.000	-0.002 0.001	00097	0.002 -0.001	0.007 -0.001	0.004 0.003
00136	-0.002 -0.002	0.004 0.000	0.000 0.000	00103	-0.008 -0.004	-0.002 -0.001	0.002 -0.001	00135	-0.008 -0.003	-0.003 0.000	0.000 0.000	00104	-0.010 -0.001	-0.001 0.000	0.000 0.000	00098	0.001 0.001	0.015 -0.002	0.000 0.000
Condizione carico (Spinta Terreno (statica))																			
00134	0.000 0.000	0.000 0.000	0.000 0.000	00067	0.000 0.000	0.000 0.000	0.000 0.000	00010	0.000 0.000	0.000 0.000	0.000 0.000	00095	0.000 0.000	0.000 0.000	0.000 0.000	00096	0.000 0.000	0.000 0.000	0.000 0.000
00131	0.000 0.000	0.000 0.000	0.000 0.000	00009	0.000 0.000	0.000 0.000	0.000 0.000	00145	0.000 0.000	0.000 0.000	0.000 0.000	00132	0.000 0.000	0.000 0.000	0.000 0.000	00133	0.000 0.000	0.000 0.000	0.000 0.000
00144	0.000 0.000	0.000 0.000	0.000 0.000	00068	0.000 0.000	0.000 0.000	0.000 0.000	00099	0.000 0.000	0.000 0.000	0.000 0.000	00105	0.000 0.000	0.000 0.000	0.000 0.000	00097	0.000 0.000	0.000 0.000	0.000 0.000
00136	0.000 0.000	0.000 0.000	0.000 0.000	00103	0.000 0.000	0.000 0.000	0.000 0.000	00135	0.000 0.000	0.000 0.000	0.000 0.000	00104	0.000 0.000	0.000 0.000	0.000 0.000	00098	0.000 0.000	0.000 0.000	0.000 0.000
Condizione carico (Spinta Terreno (sisma))																			
00134	-0.002 -0.026	-0.016 -0.006	0.000 -0.036	00067	-0.010 0.020	-0.032 0.119	0.001 -0.007	00010	-0.013 -0.004	-0.007 0.010	-0.003 -0.007	00095	-0.014 0.013	-0.038 0.143	-0.001 -0.019	00096	-0.005 0.034	-0.024 0.127	-0.002 -0.005
00131	-0.002 -0.034	-0.018 -0.017	-0.001 0.036	00009	-0.014 -0.003	-0.007 0.010	0.004 0.008	00145	-0.003 0.038	-0.017 0.101	-0.002 -0.012	00132	-0.002 -0.007	-0.021 0.018	-0.003 -0.014	00133	-0.002 -0.019	-0.023 -0.004	0.003 0.019
00144	-0.004 0.040	-0.017 0.090	0.002 0.013	00068	-0.007 0.028	-0.024 0.170	0.002 -0.023	00099	0.002 0.005	-0.021 -0.012	0.001 0.004	00105	0.007 0.045	-0.005 0.017	-0.004 -0.021	00097	0.002 0.005	-0.021 -0.013	-0.001 -0.004
00136	0.002 -0.034	-0.024 -0.067	0.000 -0.003	00103	0.008 0.043	-0.005 0.016	0.003 0.020	00135	0.005 -0.066	-0.014 -0.054	0.000 -0.001	00104	0.006 0.083	0.004 0.018	0.000 0.002	00098	0.000 -0.006	-0.022 -0.048	0.000 -0.001
Condizione carico (Pressione del Vento (+X))																			
00134	0.001 -0.001	0.001 -0.001	-0.002 0.001	00067	0.003 -0.001	0.003 -0.002	-0.002 -0.001	00010	0.003 -0.002	0.002 0.000	-0.001 0.000	00095	-0.016 0.002	-0.003 0.006	-0.003 0.000	00096	-0.024 -0.007	-0.013 -0.005	0.009 -0.004
00131	-0.007 -0.002	-0.004 0.000	0.001 0.001	00009	-0.010 -0.009	-0.005 -0.003	-0.001 -0.001	00145	-0.011 -0.061	0.013 -0.009	0.000 0.018	00132	-0.005 -0.019	0.004 0.003	-0.002 0.002	00133	0.000 0.001	0.001 -0.001	-0.003 0.003
00144	-0.003 0.007	-0.003 0.000	-0.003 0.005	00068	0.011 0.002	0.006 0.000	0.005 0.003	00099	-0.006 -0.001	-0.008 0.000	-0.006 0.005	00105	0.000 -0.002	0.000 -0.001	-0.001 0.000	00097	0.012 0.000	0.024 -0.002	-0.009 0.018
00136	0.000	0.002	-0.004	00103	-0.004	-0.002	0.001	00135	-0.002	0.000	-0.001	00104	-0.003	0.000	0.000	00098	0.000	0.008	-0.003



Pareti - tensioni per condizioni di carico non sismiche

Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$	Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$	Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$	Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$	Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$
	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]
	-0.003	0.000	0.004		-0.003	-0.001	0.000		-0.003	-0.001	0.001		-0.002	0.000	0.001		0.002	-0.003	0.005
<b>Condizione carico (Pressione del Vento (-X))</b>																			
00134	0.010 0.004	0.003 0.001	0.001 0.002	00067	0.016 -0.001	0.002 -0.007	-0.002 -0.002	00010	0.013 0.014	0.006 0.004	-0.001 -0.001	00095	0.000 0.001	-0.001 -0.001	-0.003 0.003	00096	-0.001 0.000	-0.001 0.001	0.001 0.006
00131	0.002 0.004	-0.001 0.002	-0.003 0.001	00009	0.001 0.007	0.000 0.001	-0.001 0.000	00145	0.011 0.011	0.001 -0.006	-0.005 0.002	00132	0.004 0.005	-0.001 -0.002	-0.004 0.004	00133	0.008 0.023	-0.002 -0.005	0.000 0.001
00144	0.020 0.079	-0.015 0.000	0.003 0.020	00068	0.042 0.006	0.022 0.012	0.015 -0.011	00099	-0.013 0.000	-0.027 0.002	-0.009 0.023	00105	0.007 0.005	0.002 0.001	0.002 0.000	00097	0.004 0.001	0.005 0.000	-0.006 0.001
00136	0.001 0.004	-0.004 -0.001	-0.004 0.004	00103	0.002 0.006	0.001 0.002	-0.001 0.000	00135	0.004 0.005	0.003 0.000	-0.002 0.001	00104	0.005 0.005	0.000 0.001	0.000 0.001	00098	-0.001 -0.003	-0.013 0.002	-0.003 0.005
<b>Condizione carico (Pressione del Vento (+Y))</b>																			
00134	-0.001 -0.001	0.001 0.001	-0.002 0.001	00067	0.003 -0.001	0.003 -0.002	-0.002 -0.001	00010	0.003 -0.002	0.002 0.000	-0.001 0.000	00095	-0.016 0.002	-0.003 0.006	-0.003 0.000	00096	-0.024 -0.007	-0.013 -0.005	0.009 -0.004
00131	-0.007 -0.002	-0.004 0.000	0.001 0.001	00009	-0.010 -0.009	-0.005 -0.003	-0.001 -0.001	00145	-0.011 -0.061	0.013 -0.009	0.000 0.018	00132	-0.005 -0.019	0.004 0.003	-0.002 0.002	00133	0.000 0.001	0.001 -0.001	-0.003 0.003
00144	-0.003 0.007	-0.003 0.000	-0.003 0.005	00068	0.011 0.002	0.006 0.000	0.005 0.003	00099	-0.006 -0.001	-0.008 0.000	-0.006 0.005	00105	0.000 -0.002	0.000 -0.001	-0.001 0.000	00097	0.012 0.000	0.024 -0.024	-0.009 0.018
00136	0.000 -0.003	0.002 0.000	-0.004 0.004	00103	-0.004 -0.003	-0.002 -0.001	0.001 0.000	00135	-0.002 -0.003	0.000 -0.001	-0.001 0.001	00104	-0.003 -0.002	0.000 0.000	0.000 0.001	00098	0.000 0.002	0.008 -0.003	-0.003 0.005
<b>Condizione carico (Pressione del Vento (-Y))</b>																			
00134	-0.011 -0.003	-0.004 0.000	0.001 -0.002	00067	-0.005 0.002	0.004 0.009	0.004 0.003	00010	-0.016 -0.011	-0.008 -0.004	0.002 0.001	00095	0.016 -0.003	0.004 -0.005	0.006 -0.003	00096	0.025 0.008	0.013 0.004	-0.010 -0.002
00131	0.006 -0.002	0.005 0.001	0.002 -0.002	00009	0.009 0.002	0.005 0.002	0.002 0.001	00145	0.000 0.049	-0.014 0.015	0.005 -0.020	00132	0.001 0.014	-0.003 -0.001	0.006 -0.006	00133	-0.009 -0.025	0.001 0.007	0.004 -0.004
00144	-0.016 -0.086	0.018 0.000	0.000 -0.024	00068	-0.053 -0.008	-0.028 -0.013	-0.020 0.008	00099	0.019 0.000	0.035 -0.001	0.015 -0.029	00105	-0.007 -0.003	-0.002 0.000	-0.001 0.000	00097	-0.016 -0.001	-0.030 0.002	0.015 -0.018
00136	-0.001 -0.001	0.001 0.001	0.008 -0.008	00103	0.002 -0.003	0.001 -0.001	0.000 0.000	00135	-0.002 -0.003	-0.003 0.001	0.003 -0.001	00104	-0.003 -0.003	0.000 -0.001	0.001 -0.002	00098	0.000 0.001	0.005 0.001	0.006 -0.011

LEGENDA:

- $\sigma_{P1}$  Tensione normale in direzione 1 per comportamento a piastra.  
 $\sigma_{P2}$  Tensione normale in direzione 2 per comportamento a piastra.  
 $\tau_P$  Tensione tangenziale 1-2 per comportamento a piastra.  
 $\sigma_{L1}$  Tensione normale in direzione 1 per comportamento a lastra.  
 $\sigma_{L2}$  Tensione normale in direzione 2 per comportamento a lastra.  
 $\tau_L$  Tensione tangenziale 1-2 per comportamento a lastra.

Pareti - TENSIONI PER EFFETTO DEL SISMA

Pareti - tensioni per effetto del sisma

Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$	Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$	Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$	Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$	Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$
	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]
<b>Piano Terra</b>				<b>Parete 1-2</b>				<b>Parete 1-2</b>				<b>Parete 1-2</b>				<b>Parete 1-2</b>			
<b>Sisma in direzione X</b>				<b>Sisma in direzione X</b>				<b>Sisma in direzione X</b>				<b>Sisma in direzione X</b>				<b>Sisma in direzione X</b>			
00067	0.016 0.000	0.009 0.001	0.002 0.001	00115	0.007 0.001	0.005 0.000	0.003 0.001	00010	0.010 0.003	0.005 0.002	0.003 0.001	00071	0.019 0.002	0.060 0.001	0.032 0.025	00147	0.041 0.094	0.016 0.021	0.016 0.026
00117	0.022 0.029	0.012 0.002	0.012 0.003	00068	0.037 0.013	0.026 0.009	0.017 0.003	00121	0.000 0.005	0.004 0.001	0.008 0.001	00144	0.018 0.111	0.022 0.024	0.010 0.034	00116	0.011 0.031	0.008 0.001	0.008 0.003
00118	0.003 0.001	0.003 0.000	0.004 0.001	00073	0.004 0.001	0.010 0.000	0.003 0.000	00015	0.005 0.000	0.004 0.000	0.002 0.000	00109	0.002 0.004	0.001 0.002	0.003 0.001	00072	0.028 0.010	0.019 0.008	0.015 0.001
00111	0.001 0.001	0.001 0.000	0.003 0.000	00120	0.009 0.006	0.001 0.000	0.013 0.004	00119	0.002 0.001	0.001 0.002	0.007 0.000	00069	0.029 0.006	0.065 0.003	0.030 0.028	00110	0.002 0.001	0.001 0.001	0.004 0.001
00070	0.000 0.001	0.002 0.002	0.009 0.011																
<b>Sisma in direzione Y</b>				<b>Sisma in direzione Y</b>				<b>Sisma in direzione Y</b>				<b>Sisma in direzione Y</b>				<b>Sisma in direzione Y</b>			
00067	0.037 0.001	0.008 0.007	0.009 0.003	00115	0.024 0.017	0.006 0.004	0.009 0.006	00010	0.030 0.045	0.011 0.014	0.005 0.001	00071	0.023 0.005	0.077 0.004	0.018 0.039	00147	0.028 0.188	0.027 0.029	0.006 0.040
00117	0.008 0.063	0.015 0.003	0.002 0.005	00068	0.076 0.018	0.022 0.005	0.015 0.017	00121	0.010 0.023	0.003 0.003	0.011 0.002	00144	0.079 0.226	0.015 0.020	0.020 0.058	00116	0.036 0.065	0.006 0.006	0.013 0.004
00118	0.025 0.015	0.010 0.002	0.005 0.002	00073	0.030 0.006	0.011 0.003	0.005 0.003	00015	0.029 0.039	0.012 0.013	0.002 0.002	00109	0.016 0.020	0.002 0.004	0.010 0.002	00072	0.082 0.030	0.028 0.009	0.032 0.018
00111	0.018 0.017	0.005 0.004	0.006 0.000	00120	0.001 0.023	0.007 0.002	0.002 0.002	00119	0.016 0.016	0.005 0.006	0.005 0.001	00069	0.009 0.011	0.008 0.004	0.009 0.047	00110	0.015 0.018	0.007 0.003	0.004 0.002
00070	0.012 0.009	0.039 0.005	0.003 0.007																
<b>Piano Terra</b>				<b>Parete 4-5</b>				<b>Parete 4-5</b>				<b>Parete 4-5</b>				<b>Parete 4-5</b>			
<b>Sisma in direzione X</b>				<b>Sisma in direzione X</b>				<b>Sisma in direzione X</b>				<b>Sisma in direzione X</b>				<b>Sisma in direzione X</b>			
00095	0.016 0.001	0.010 0.000	0.001 0.001	00137	0.007 0.001	0.005 0.000	0.003 0.001	00009	0.011 0.003	0.006 0.002	0.002 0.001	00102	0.019 0.002	0.059 0.002	0.032 0.025	00146	0.041 0.095	0.016 0.025	0.016 0.026
00139	0.022 0.029	0.012 0.004	0.012 0.003	00096	0.036 0.013	0.026 0.011	0.017 0.004	00143	0.000 0.005	0.004 0.001	0.008 0.000	00145	0.018 0.112	0.022 0.027	0.011 0.034	00138	0.011 0.032	0.008 0.003	0.009 0.003



Pareti - tensioni per effetto del sisma

Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$	Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$	Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$	Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$	Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$
	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]
00140	0.003	0.003	0.004	00090	0.004	0.010	0.003	00016	0.005	0.004	0.002	00106	0.002	0.002	0.003	00091	0.027	0.019	0.015
	0.001	0.000	0.000		0.002	0.001	0.000		0.000	0.000	0.000		0.003	0.001	0.001		0.010	0.010	0.002
00108	0.001	0.001	0.004	00142	0.009	0.001	0.012	00141	0.002	0.001	0.007	00100	0.029	0.065	0.030	00107	0.002	0.001	0.004
	0.000	0.000	0.000		0.007	0.001	0.004		0.001	0.002	0.000		0.006	0.005	0.027		0.002	0.001	0.002
00101	0.000	0.003	0.009																
	0.001	0.002	0.010																
<b>Sisma in direzione Y</b>																			
00095	0.037	0.008	0.009	00137	0.024	0.006	0.009	00009	0.031	0.012	0.004	00102	0.023	0.078	0.018	00146	0.028	0.027	0.006
	0.004	0.003	0.003		0.017	0.004	0.005		0.044	0.013	0.001		0.005	0.004	0.039		0.189	0.029	0.041
00139	0.008	0.015	0.002	00096	0.075	0.022	0.015	00143	0.010	0.003	0.012	00145	0.078	0.015	0.019	00138	0.036	0.006	0.013
	0.064	0.003	0.005		0.015	0.001	0.018		0.023	0.004	0.002		0.225	0.020	0.058		0.066	0.006	0.004
00140	0.024	0.011	0.006	00090	0.030	0.011	0.005	00016	0.029	0.012	0.002	00106	0.016	0.002	0.010	00091	0.082	0.028	0.032
	0.014	0.002	0.002		0.006	0.001	0.003		0.039	0.013	0.002		0.020	0.004	0.000		0.031	0.009	0.018
00108	0.018	0.005	0.006	00142	0.001	0.007	0.002	00141	0.016	0.005	0.005	00100	0.009	0.008	0.009	00107	0.015	0.008	0.004
	0.018	0.004	0.001		0.023	0.002	0.002		0.016	0.005	0.000		0.012	0.004	0.048		0.015	0.002	0.000
00101	0.012	0.039	0.003																
	0.009	0.005	0.007																
<b>Piano Terra</b>																			
<b>Sisma in direzione X</b>				<b>Parete 1-4</b>				<b>Parete 1-4</b>				<b>Parete 1-4</b>				<b>Parete 1-4</b>			
00090	0.008	0.001	0.001	00125	0.003	0.002	0.003	00016	0.005	0.002	0.001	00112	0.002	0.001	0.002	00128	0.003	0.002	0.003
	0.001	0.009	0.004		0.006	0.003	0.000		0.012	0.003	0.001		0.009	0.002	0.001		0.006	0.002	0.001
00015	0.005	0.002	0.001	00091	0.023	0.016	0.013	00114	0.002	0.001	0.002	00146	0.006	0.010	0.001	00092	0.013	0.029	0.012
	0.013	0.003	0.001		0.004	0.007	0.015		0.009	0.002	0.001		0.165	0.029	0.038		0.001	0.006	0.035
00126	0.001	0.004	0.000	00127	0.001	0.004	0.000	00147	0.008	0.010	0.000	00072	0.023	0.017	0.013	00073	0.008	0.001	0.001
	0.047	0.007	0.005		0.047	0.008	0.004		0.166	0.025	0.038		0.004	0.006	0.015		0.001	0.010	0.004
00130	0.002	0.005	0.000	00094	0.013	0.029	0.012	00129	0.001	0.000	0.000	00093	0.001	0.019	0.000	00113	0.003	0.000	0.000
	0.014	0.001	0.000		0.001	0.005	0.037		0.010	0.002	0.000		0.008	0.012	0.000		0.007	0.001	0.000
<b>Sisma in direzione Y</b>																			
00090	0.045	0.009	0.012	00125	0.020	0.010	0.002	00016	0.027	0.015	0.003	00112	0.009	0.003	0.003	00128	0.019	0.010	0.002
	0.007	0.004	0.005		0.002	0.002	0.001		0.016	0.008	0.003		0.004	0.002	0.003		0.001	0.001	0.001
00015	0.026	0.015	0.003	00091	0.068	0.035	0.023	00114	0.009	0.003	0.003	00146	0.048	0.029	0.021	00092	0.034	0.060	0.026
	0.016	0.008	0.004		0.024	0.025	0.011		0.000	0.001	0.004		0.188	0.043	0.056		0.001	0.008	0.056
00126	0.016	0.006	0.004	00127	0.015	0.006	0.004	00147	0.048	0.029	0.021	00072	0.068	0.035	0.022	00073	0.045	0.009	0.012
	0.056	0.003	0.007		0.056	0.003	0.007		0.187	0.043	0.056		0.024	0.025	0.008		0.007	0.004	0.005
00130	0.000	0.000	0.013	00094	0.034	0.059	0.026	00129	0.000	0.000	0.000	00093	0.000	0.000	0.012	00113	0.000	0.000	0.001
	0.000	0.000	0.014		0.001	0.008	0.056		0.000	0.000	0.003		0.000	0.000	0.023		0.000	0.000	0.003
<b>Piano Terra</b>																			
<b>Sisma in direzione X</b>				<b>Parete 2-5</b>				<b>Parete 2-5</b>				<b>Parete 2-5</b>				<b>Parete 2-5</b>			
00134	0.009	0.003	0.005	00067	0.014	0.001	0.002	00010	0.010	0.004	0.002	00095	0.018	0.001	0.001	00096	0.036	0.023	0.016
	0.005	0.002	0.002		0.001	0.010	0.002		0.018	0.005	0.000		0.002	0.011	0.003		0.009	0.012	0.018
00131	0.009	0.004	0.005	00009	0.010	0.005	0.002	00145	0.023	0.019	0.003	00132	0.008	0.007	0.002	00133	0.007	0.004	0.003
	0.006	0.003	0.001		0.017	0.006	0.000		0.172	0.027	0.039		0.051	0.007	0.005		0.045	0.005	0.003
00144	0.025	0.018	0.003	00068	0.051	0.031	0.022	00099	0.016	0.038	0.011	00105	0.007	0.003	0.004	00097	0.016	0.038	0.012
	0.172	0.022	0.039		0.002	0.022	0.024		0.002	0.007	0.040		0.005	0.001	0.000		0.001	0.007	0.038
00136	0.001	0.010	0.000	00103	0.006	0.003	0.003	00135	0.005	0.004	0.000	00104	0.008	0.000	0.000	00098	0.001	0.032	0.000
	0.014	0.000	0.000		0.007	0.002	0.000		0.010	0.001	0.000		0.003	0.001	0.001		0.009	0.011	0.000
<b>Sisma in direzione Y</b>																			
00134	0.018	0.007	0.004	00067	0.034	0.014	0.010	00010	0.030	0.015	0.005	00095	0.047	0.012	0.014	00096	0.067	0.034	0.027
	0.003	0.000	0.001		0.004	0.001	0.003		0.014	0.006	0.004		0.007	0.005	0.004		0.021	0.015	0.006
00131	0.019	0.013	0.003	00009	0.029	0.016	0.005	00145	0.006	0.037	0.009	00132	0.001	0.008	0.013	00133	0.006	0.002	0.012
	0.000	0.002	0.001		0.016	0.007	0.004		0.078	0.003	0.023		0.030	0.004	0.008		0.027	0.002	0.007
00144	0.005	0.035	0.009	00068	0.098	0.048	0.042	00099	0.040	0.077	0.037	00105	0.010	0.004	0.000	00097	0.041	0.078	0.037
	0.080	0.001	0.024		0.019	0.026	0.004		0.000	0.004	0.032		0.002	0.001	0.002		0.000	0.011	0.031
00136	0.002	0.001	0.019	00103	0.010	0.004	0.001	00135	0.000	0.004	0.008	00104	0.000	0.000	0.002	00098	0.000	0.000	0.015
	0.002	0.001	0.011		0.000	0.001	0.002		0.000	0.000	0.001		0.000	0.000	0.001		0.000	0.001	0.015

LEGENDA:

- $\sigma_{P1}$  Tensione normale in direzione 1 per comportamento a piastra.  
 $\sigma_{P2}$  Tensione normale in direzione 2 per comportamento a piastra.  
 $\tau_P$  Tensione tangenziale 1-2 per comportamento a piastra.  
 $\sigma_{L1}$  Tensione normale in direzione 1 per comportamento a lastra.  
 $\sigma_{L2}$  Tensione normale in direzione 2 per comportamento a lastra.  
 $\tau_L$  Tensione tangenziale 1-2 per comportamento a lastra.

Pareti - TENSIONI PER ECCENTRICITÀ ACCIDENTALE

Pareti - tensioni per eccentricità accidentale

Pareti - tensioni per eccentricità accidentale																			
Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$	Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$	Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$	Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$	Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$
	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]
Piano Terra				Parete 1-2				Parete 1-2											
Eccentricità accidentale + in direzione X																			
00067	-0.005	-0.003	-0.001	00115	-0.002	-0.001	-0.001	00010	-0.003	-0.002	-0.001	00071	-0.006	-0.018	-0.010	00147	-0.014	-0.014	-0.010





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Pareti - tensioni per eccentricità accidentale																			
Nodo	σ <sub>L1</sub> σ <sub>P1</sub>	σ <sub>L2</sub> σ <sub>P2</sub>	τ <sub>L</sub> τ <sub>P</sub>	Nodo	σ <sub>L1</sub> σ <sub>P1</sub>	σ <sub>L2</sub> σ <sub>P2</sub>	τ <sub>L</sub> τ <sub>P</sub>	Nodo	σ <sub>L1</sub> σ <sub>P1</sub>	σ <sub>L2</sub> σ <sub>P2</sub>	τ <sub>L</sub> τ <sub>P</sub>	Nodo	σ <sub>L1</sub> σ <sub>P1</sub>	σ <sub>L2</sub> σ <sub>P2</sub>	τ <sub>L</sub> τ <sub>P</sub>	Nodo	σ <sub>L1</sub> σ <sub>P1</sub>	σ <sub>L2</sub> σ <sub>P2</sub>	τ <sub>L</sub> τ <sub>P</sub>
	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]
00108	-0.005 -0.005	-0.001 -0.001	-0.002 -0.001	00142	-0.003 -0.007	-0.003 -0.002	-0.002 -0.002	00141	-0.005 -0.005	-0.002 -0.002	-0.002 -0.001	00100	-0.004 -0.006	-0.010 -0.014	-0.003 -0.014	00107	-0.005 -0.004	-0.002 -0.001	-0.001 -0.001
00101	-0.004 -0.003	-0.012 -0.002	-0.001 -0.002																
Eccentricità accidentale - in direzione Y																			
00095	0.011 0.006	0.003 0.003	0.003 0.002	00137	0.007 0.005	0.002 0.001	0.003 0.002	00009	0.009 0.013	0.004 0.004	0.001 0.002	00102	0.007 0.005	0.023 0.012	0.005 0.012	00146	0.016 0.057	0.017 0.024	0.005 0.014
00139	0.004 0.019	0.005 0.007	0.002 0.004	00096	0.022 0.007	0.006 0.002	0.005 0.005	00143	0.003 0.007	0.002 0.003	0.003 0.001	00145	0.023 0.067	0.008 0.031	0.006 0.017	00138	0.011 0.020	0.002 0.011	0.004 0.004
00140	0.007 0.004	0.003 0.001	0.002 0.001	00090	0.009 0.006	0.003 0.002	0.002 0.001	00016	0.009 0.012	0.004 0.004	0.001 0.001	00106	0.005 0.006	0.002 0.001	0.003 0.000	00091	0.025 0.009	0.008 0.005	0.011 0.005
00108	0.005 0.005	0.001 0.001	0.002 0.001	00142	0.003 0.007	0.003 0.002	0.002 0.002	00141	0.005 0.005	0.002 0.002	0.002 0.001	00100	0.004 0.006	0.010 0.014	0.003 0.014	00107	0.005 0.004	0.002 0.001	0.001 0.001
00101	0.004 0.003	0.012 0.002	0.001 0.002																
Piano Terra				Parete 1-4				Parete 1-4											
Eccentricità accidentale + in direzione X																			
00090	-0.002 -0.002	0.000 -0.003	0.000 -0.001	00125	-0.001 -0.002	-0.001 -0.001	-0.001 -0.001	00016	-0.001 -0.004	-0.001 -0.001	0.000 0.000	00112	-0.001 -0.003	0.000 -0.001	-0.001 0.000	00128	-0.001 -0.002	-0.001 -0.001	-0.001 -0.001
00015	-0.001 -0.004	-0.001 -0.001	0.000 0.000	00091	-0.007 -0.005	-0.005 -0.002	-0.004 -0.005	00114	-0.001 -0.003	0.000 -0.001	-0.001 0.000	00146	-0.006 -0.049	-0.007 -0.021	-0.004 -0.012	00092	-0.004 -0.005	-0.009 -0.007	-0.003 -0.011
00126	-0.001 -0.014	-0.001 -0.005	-0.001 -0.002	00127	-0.001 -0.014	-0.001 -0.005	-0.001 -0.001	00147	-0.006 -0.049	-0.007 -0.021	-0.004 -0.013	00072	-0.007 -0.005	-0.005 -0.002	-0.004 -0.005	00073	-0.003 -0.002	0.000 -0.003	0.000 -0.001
00130	-0.001 -0.004	-0.001 -0.001	0.000 -0.001	00094	-0.004 -0.005	-0.009 -0.006	-0.003 -0.011	00129	0.000 -0.003	0.000 -0.001	0.000 0.000	00093	0.000 -0.002	-0.006 -0.004	0.000 -0.001	00113	-0.001 -0.002	0.000 0.000	0.000 0.000
Eccentricità accidentale - in direzione X																			
00090	0.002 0.002	0.000 0.003	0.000 0.001	00125	0.001 0.002	0.001 0.001	0.001 0.001	00016	0.001 0.004	0.001 0.001	0.000 0.000	00112	0.001 0.003	0.000 0.001	0.001 0.000	00128	0.001 0.002	0.001 0.001	0.001 0.001
00015	0.001 0.004	0.001 0.001	0.000 0.000	00091	0.007 0.005	0.005 0.002	0.004 0.005	00114	0.001 0.003	0.000 0.001	0.001 0.000	00146	0.006 0.049	0.007 0.021	0.004 0.012	00092	0.004 0.005	0.009 0.007	0.003 0.011
00126	0.001 0.014	0.001 0.005	0.001 0.002	00127	0.001 0.014	0.001 0.005	0.001 0.001	00147	0.006 0.049	0.007 0.021	0.004 0.013	00072	0.007 0.005	0.005 0.002	0.004 0.005	00073	0.003 0.002	0.000 0.003	0.000 0.001
00130	0.001 0.004	0.001 0.001	0.000 0.001	00094	0.004 0.005	0.009 0.006	0.003 0.011	00129	0.000 0.003	0.000 0.001	0.000 0.000	00093	0.000 0.002	0.006 0.004	0.000 0.001	00113	0.001 0.002	0.000 0.000	0.000 0.000
Eccentricità accidentale + in direzione Y																			
00090	-0.014 -0.002	-0.003 -0.001	-0.004 -0.002	00125	-0.006 -0.002	-0.003 -0.002	0.000 -0.001	00016	-0.008 -0.005	-0.004 -0.002	-0.001 -0.001	00112	-0.003 -0.001	-0.001 -0.001	-0.001 -0.001	00128	-0.006 -0.002	-0.003 -0.002	0.000 -0.001
00015	-0.008 -0.005	-0.004 -0.002	-0.001 -0.001	00091	-0.020 -0.010	-0.012 -0.007	-0.007 -0.003	00114	-0.003 -0.001	-0.001 0.000	-0.001 -0.001	00146	-0.014 -0.056	-0.016 -0.024	-0.006 -0.017	00092	-0.010 -0.005	-0.018 -0.008	-0.008 -0.017
00126	-0.005 -0.017	-0.003 -0.005	-0.002 -0.002	00127	-0.005 -0.017	-0.003 -0.005	-0.002 -0.002	00147	-0.014 -0.056	-0.016 -0.024	-0.006 -0.017	00072	-0.020 -0.010	-0.012 -0.007	-0.007 -0.003	00073	-0.013 -0.002	-0.003 -0.001	-0.004 -0.002
00130	-0.001 -0.001	-0.002 -0.002	-0.004 -0.004	00094	-0.010 -0.005	-0.018 -0.007	-0.008 -0.017	00129	-0.001 0.000	-0.001 0.000	-0.001 -0.001	00093	-0.003 0.000	-0.006 0.000	-0.003 -0.007	00113	0.000 0.000	0.000 0.000	0.000 -0.001
Eccentricità accidentale - in direzione Y																			
00090	0.014 0.002	0.003 0.001	0.004 0.002	00125	0.006 0.002	0.003 0.002	0.000 0.001	00016	0.008 0.005	0.004 0.002	0.001 0.001	00112	0.003 0.001	0.001 0.001	0.001 0.001	00128	0.006 0.002	0.003 0.002	0.000 0.001
00015	0.008 0.005	0.004 0.002	0.001 0.001	00091	0.020 0.010	0.012 0.007	0.007 0.003	00114	0.003 0.001	0.001 0.000	0.001 0.001	00146	0.014 0.056	0.016 0.024	0.006 0.017	00092	0.010 0.005	0.018 0.008	0.008 0.017
00126	0.005 0.017	0.003 0.005	0.002 0.002	00127	0.005 0.017	0.003 0.005	0.002 0.002	00147	0.014 0.056	0.016 0.024	0.006 0.017	00072	0.020 0.010	0.012 0.007	0.007 0.003	00073	0.013 0.002	0.003 0.001	0.004 0.002
00130	0.001 0.001	0.002 0.002	0.004 0.004	00094	0.010 0.005	0.018 0.007	0.008 0.017	00129	0.001 0.000	0.001 0.000	0.001 0.001	00093	0.003 0.000	0.006 0.000	0.003 0.007	00113	0.000 0.000	0.000 0.000	0.000 0.001
Piano Terra				Parete 2-5				Parete 2-5											
Eccentricità accidentale + in direzione X																			
00134	-0.003 -0.002	-0.001 -0.001	-0.001 -0.001	00067	-0.004 -0.002	-0.001 -0.003	-0.001 -0.001	00010	-0.003 -0.005	-0.001 -0.002	-0.001 -0.001	00095	-0.005 -0.002	0.000 -0.003	0.000 -0.001	00096	-0.011 -0.005	-0.007 -0.003	-0.005 -0.005
00131	-0.003 -0.002	-0.002 -0.002	-0.002 -0.001	00009	-0.003 -0.005	-0.001 -0.002	-0.001 -0.001	00145	-0.007 -0.051	-0.008 -0.022	-0.003 -0.013	00132	-0.002 -0.015	-0.002 -0.005	-0.001 -0.002	00133	-0.002 -0.013	-0.001 -0.005	-0.001 -0.002
00144	-0.007 -0.051	-0.008 -0.023	-0.003 -0.013	00068	-0.015 -0.005	-0.009 -0.006	-0.007 -0.007	00099	-0.005 -0.006	-0.011 -0.007	-0.003 -0.012	00105	-0.002 -0.002	-0.001 0.000	-0.001 0.000	00097	-0.005 -0.005	-0.011 -0.007	-0.003 -0.011
00136	-0.001 -0.004	-0.003 -0.001	0.000 -0.001	00103	-0.002 -0.002	-0.001 -0.001	-0.001 0.000	00135	-0.001 -0.003	-0.001 -0.001	0.000 0.000	00104	-0.003 -0.001	0.000 0.000	0.000 0.000	00098	0.000 0.003	-0.010 0.003	0.000 0.002
Eccentricità accidentale - in direzione X																			
00134	0.003 0.002	0.001 0.001	0.001 0.001	00067	0.004 0.002	0.001 0.003	0.001 0.001	00010	0.003 0.005	0.001 0.002	0.001 0.001	00095	0.005 0.002	0.000 0.003	0.000 0.001	00096	0.011 0.005	0.007 0.003	0.005 0.005
00131	0.003 0.002	0.002 0.002	0.002 0.001	00009	0.003 0.005	0.001 0.002	0.001 0.001	00145	0.007 0.051	0.008 0.022	0.003 0.013	00132	0.002 0.015	0.002 0.005	0.001 0.002	00133	0.002 0.013	0.001 0.005	0.001 0.002
00144	0.007 0.051	0.008 0.023	0.003 0.013	00068	0.015 0.005	0.009 0.006	0.007 0.007	00099	0.005 0.006	0.011 0.007	0.003 0.012	00105	0.002 0.002	0.001 0.000	0.001 0.000	00097	0.005 0.005	0.011 0.007	0.003 0.011
00136	0.001 0.004	0.003 0.001	0.000 0.001	00103	0.002 0.002	0.001 0.001	0.001 0.000	00135	0.001 0.003	0.001 0.001	0.000 0.000	00104	0.003 0.001	0.000 0.000	0.000 0.000	00098	0.000 0.003	0.010 0.003	0.000 0.002
Eccentricità accidentale + in direzione Y																			



**Pareti - tensioni per eccentricità accidentale**

Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$	Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$	Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$	Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$	Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$
	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]
00134	-0.003 -0.001	-0.001 0.000	-0.001 -0.001	00067	-0.006 -0.001	-0.002 -0.001	-0.002 -0.001	00010	-0.005 -0.002	-0.003 -0.001	-0.001 -0.001	00095	-0.008 -0.001	-0.002 -0.002	-0.003 -0.001	00096	-0.012 -0.004	-0.007 -0.003	-0.005 -0.001
00131	-0.003 -0.001	-0.002 -0.001	-0.001 -0.001	00009	-0.005 -0.003	-0.003 -0.001	-0.001 -0.001	00145	-0.010 -0.014	-0.011 -0.007	-0.006 -0.005	00132	-0.002 -0.005	-0.002 -0.001	-0.002 -0.001	00133	-0.002 -0.005	-0.002 -0.002	-0.002 -0.001
00144	-0.010 -0.014	-0.011 -0.007	-0.006 -0.005	00068	-0.017 -0.003	-0.009 -0.005	-0.007 -0.001	00099	-0.007 -0.002	-0.013 -0.002	-0.006 -0.006	00105	-0.002 0.000	-0.001 0.000	0.000 0.000	00097	-0.007 -0.001	-0.014 -0.002	-0.006 -0.005
00136	-0.001 0.000	-0.002 0.000	-0.003 -0.002	00103	-0.002 0.000	-0.001 0.000	0.000 0.000	00135	-0.001 0.000	-0.001 -0.001	-0.001 0.000	00104	0.000 0.000	0.000 0.000	0.000 0.000	00098	-0.002 0.000	-0.004 0.000	-0.003 -0.003
<b>Eccentricità accidentale - in direzione Y</b>																			
00134	0.003 0.001	0.001 0.000	0.001 0.001	00067	0.006 0.001	0.002 0.001	0.002 0.001	00010	0.005 0.002	0.003 0.001	0.001 0.001	00095	0.008 0.001	0.002 0.002	0.003 0.001	00096	0.012 0.004	0.007 0.003	0.005 0.001
00131	0.003 0.001	0.002 0.001	0.001 0.001	00009	0.005 0.003	0.003 0.001	0.001 0.001	00145	0.010 0.014	0.011 0.007	0.006 0.005	00132	0.002 0.005	0.002 0.001	0.002 0.001	00133	0.002 0.005	0.002 0.002	0.002 0.001
00144	0.010 0.014	0.011 0.007	0.006 0.005	00068	0.017 0.003	0.009 0.005	0.007 0.001	00099	0.007 0.002	0.013 0.002	0.006 0.006	00105	0.002 0.000	0.001 0.000	0.000 0.000	00097	0.007 0.001	0.014 0.002	0.006 0.005
00136	0.001 0.000	0.002 0.000	0.003 0.002	00103	0.002 0.000	0.001 0.000	0.000 0.000	00135	0.001 0.001	0.001 0.001	0.001 0.000	00104	0.000 0.000	0.000 0.000	0.000 0.000	00098	0.002 0.000	0.004 0.000	0.003 0.003

**LEGENDA:**

- $\sigma_{P1}$  Tensione normale in direzione 1 per comportamento a piastra.  
 $\sigma_{P2}$  Tensione normale in direzione 2 per comportamento a piastra.  
 $\tau_P$  Tensione tangenziale 1-2 per comportamento a piastra.  
 $\sigma_{L1}$  Tensione normale in direzione 1 per comportamento a lastra.  
 $\sigma_{L2}$  Tensione normale in direzione 2 per comportamento a lastra.  
 $\tau_L$  Tensione tangenziale 1-2 per comportamento a lastra.

**Platee - TENSIONI PER CONDIZIONI DI CARICO NON SISMICHE**

**Platee - tensioni per condizioni di carico non sismiche**

Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$	Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$	Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$	Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$
	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]
Fondazione				Platea 1				Platea 2				Condizione carico (Carico Permanente)			
00076	0.000 0.000	0.000 0.013	0.000 -0.003	00077	0.000 -0.007	0.000 -0.022	0.000 -0.009	00103	0.000 -0.061	0.000 -0.022	0.000 -0.003	00104	0.000 -0.056	0.000 -0.005	0.000 -0.003
00075	0.000 -0.003	0.000 0.013	0.000 0.004	00013	0.000 -0.016	0.000 -0.010	0.000 0.008	00009	0.000 -0.089	0.000 -0.087	0.000 -0.001	00078	0.000 -0.020	0.000 -0.005	0.000 -0.010
00015	0.000 -0.068	0.000 -0.069	0.000 -0.001	00112	0.000 -0.051	0.000 -0.023	0.000 -0.004	00085	0.000 -0.007	0.000 -0.020	0.000 -0.006	00087	0.000 0.011	0.000 -0.002	0.000 -0.001
00111	0.000 -0.019	0.000 -0.054	0.000 -0.004	00086	0.000 -0.015	0.000 -0.005	0.000 -0.004	00016	0.000 -0.067	0.000 -0.067	0.000 0.000	00012	0.000 -0.013	0.000 -0.010	0.000 -0.007
00082	0.000 -0.006	0.000 -0.018	0.000 0.007	00011	0.000 -0.012	0.000 -0.011	0.000 0.007	00114	0.000 -0.047	0.000 -0.017	0.000 0.003	00083	0.000 -0.001	0.000 0.010	0.000 0.002
00081	0.000 -0.015	0.000 -0.004	0.000 0.005	00113	0.000 -0.044	0.000 -0.004	0.000 0.001	00074	0.000 -0.008	0.000 -0.024	0.000 0.008	00105	0.000 -0.068	0.000 -0.029	0.000 0.005
00010	0.000 -0.090	0.000 -0.088	0.000 0.003	00084	0.000 -0.003	0.000 0.009	0.000 -0.003	00088	0.000 0.008	0.000 -0.002	0.000 0.005	00110	0.000 -0.015	0.000 -0.055	0.000 0.000
00122	0.000 0.047	0.000 0.048	0.000 0.001	00108	0.000 -0.019	0.000 -0.048	0.000 0.009	00123	0.000 0.017	0.000 0.016	0.000 -0.003	00080	0.000 0.010	0.000 -0.004	0.000 -0.001
00106	0.000 -0.024	0.000 -0.055	0.000 -0.010	00124	0.000 0.022	0.000 0.023	0.000 0.003	00109	0.000 -0.024	0.000 -0.063	0.000 0.006	00079	0.000 0.007	0.000 -0.003	0.000 -0.003
00107	0.000 -0.018	0.000 -0.078	0.000 -0.001	00089	0.000 -0.021	0.000 -0.006	0.000 0.009	00014	0.000 -0.015	0.000 -0.011	0.000 -0.008				
Condizione carico (Permanenti NON Strutturali)															
00076	0.000 0.000	0.000 0.002	0.000 0.000	00077	0.000 -0.001	0.000 -0.003	0.000 -0.002	00103	0.000 -0.008	0.000 -0.003	0.000 0.000	00104	0.000 -0.007	0.000 -0.001	0.000 -0.001
00075	0.000 -0.001	0.000 0.002	0.000 0.000	00013	0.000 -0.004	0.000 -0.002	0.000 0.001	00009	0.000 -0.013	0.000 -0.011	0.000 0.000	00078	0.000 -0.004	0.000 -0.001	0.000 -0.002
00015	0.000 0.004	0.000 0.003	0.000 0.000	00112	0.000 0.003	0.000 0.001	0.000 0.000	00085	0.000 -0.001	0.000 0.000	0.000 0.001	00087	0.000 0.001	0.000 -0.001	0.000 0.001
00111	0.000 0.001	0.000 0.000	0.000 0.001	00086	0.000 0.001	0.000 -0.001	0.000 0.001	00016	0.000 0.004	0.000 0.003	0.000 0.000	00012	0.000 -0.001	0.000 -0.002	0.000 0.000
00082	0.000 -0.001	0.000 0.000	0.000 0.000	00011	0.000 -0.001	0.000 -0.002	0.000 0.000	00114	0.000 0.002	0.000 0.001	0.000 0.000	00083	0.000 -0.001	0.000 -0.001	0.000 0.000
00081	0.000 0.001	0.000 -0.001	0.000 -0.001	00113	0.000 0.002	0.000 -0.001	0.000 0.000	00074	0.000 -0.002	0.000 -0.003	0.000 0.001	00105	0.000 -0.010	0.000 -0.004	0.000 0.000
00010	0.000 -0.012	0.000 -0.011	0.000 0.001	00084	0.000 -0.001	0.000 -0.001	0.000 0.000	00088	0.000 0.000	0.000 -0.001	0.000 0.002	00110	0.000 -0.001	0.000 -0.002	0.000 0.000
00122	0.000 0.004	0.000 0.004	0.000 0.000	00108	0.000 0.001	0.000 0.000	0.000 0.000	00123	0.000 0.000	0.000 0.000	0.000 0.000	00080	0.000 0.001	0.000 -0.001	0.000 -0.002
00106	0.000	0.000	0.000	00124	0.000	0.000	0.000	00109	0.000	0.000	0.000	00079	0.000	0.000	0.000



Platee - tensioni per condizioni di carico non sismiche

Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$	Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$	Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$	Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$
	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]
	-0.003	-0.005	-0.001		0.004	0.005	-0.001		-0.003	-0.006	0.001		0.000	-0.001	-0.001
00107	0.000	0.000	0.000	00089	0.000	0.000	0.000	00014	0.000	0.000	0.000				
	0.000	-0.004	-0.001		-0.004	-0.001	0.002		-0.003	-0.002	0.000				
<b>Condizione carico (Abitazioni)</b>															
00076	0.000	0.000	0.000	00077	0.000	0.000	0.000	00103	0.000	0.000	0.000	00104	0.000	0.000	0.000
	0.001	0.007	-0.002		-0.001	-0.008	-0.006		-0.031	-0.011	-0.003		-0.029	-0.001	-0.003
00075	0.000	0.000	0.000	00013	0.000	0.000	0.000	00009	0.000	0.000	0.000	00078	0.000	0.000	0.000
	0.000	0.007	0.002		-0.006	0.000	0.002		-0.043	-0.039	-0.003		-0.011	0.000	-0.008
00015	0.000	0.000	0.000	00112	0.000	0.000	0.000	00085	0.000	0.000	0.000	00087	0.000	0.000	0.000
	0.022	0.019	0.000		0.014	0.005	-0.002		0.001	0.004	0.002		0.003	0.000	0.005
00111	0.000	0.000	0.000	00086	0.000	0.000	0.000	00016	0.000	0.000	0.000	00012	0.000	0.000	0.000
	0.004	0.002	0.000		0.008	0.001	0.005		0.023	0.019	0.000		0.004	-0.001	0.002
00082	0.000	0.000	0.000	00011	0.000	0.000	0.000	00114	0.000	0.000	0.000	00083	0.000	0.000	0.000
	0.001	0.005	-0.002		0.004	-0.001	-0.002		0.010	0.004	0.002		-0.001	-0.004	-0.001
00081	0.000	0.000	0.000	00113	0.000	0.000	0.000	00074	0.000	0.000	0.000	00105	0.000	0.000	0.000
	0.007	0.001	-0.005		0.006	-0.001	-0.001		-0.002	-0.008	0.005		-0.037	-0.014	0.004
00010	0.000	0.000	0.000	00084	0.000	0.000	0.000	00088	0.000	0.000	0.000	00110	0.000	0.000	0.000
	-0.043	-0.038	0.004		-0.001	-0.004	0.000		0.001	-0.001	0.007		-0.001	-0.013	-0.001
00122	0.000	0.000	0.000	00108	0.000	0.000	0.000	00123	0.000	0.000	0.000	00080	0.000	0.000	0.000
	0.019	0.017	0.002		0.004	-0.001	0.001		0.002	0.002	-0.005		0.003	0.000	-0.006
00106	0.000	0.000	0.000	00124	0.000	0.000	0.000	00109	0.000	0.000	0.000	00079	0.000	0.000	0.000
	-0.011	-0.020	-0.006		0.020	0.021	0.001		-0.010	-0.024	0.006		0.001	0.000	-0.007
00107	0.000	0.000	0.000	00089	0.000	0.000	0.000	00014	0.000	0.000	0.000				
	-0.001	-0.017	-0.003		-0.011	-0.001	0.008		-0.005	0.000	-0.001				
<b>Condizione carico (Autorimessa &lt;= 30kN)</b>															
00076	0.000	0.000	0.000	00077	0.000	0.000	0.000	00103	0.000	0.000	0.000	00104	0.000	0.000	0.000
	-0.001	0.000	0.000		-0.001	-0.002	0.000		-0.001	0.000	0.001		0.000	-0.001	0.000
00075	0.000	0.000	0.000	00013	0.000	0.000	0.000	00009	0.000	0.000	0.000	00078	0.000	0.000	0.000
	-0.001	0.000	0.000		-0.003	-0.002	0.000		-0.003	-0.002	0.001		-0.001	-0.001	0.000
00015	0.000	0.000	0.000	00112	0.000	0.000	0.000	00085	0.000	0.000	0.000	00087	0.000	0.000	0.000
	-0.002	-0.002	0.001		-0.001	0.000	0.001		-0.001	-0.002	0.000		0.000	-0.001	0.000
00111	0.000	0.000	0.000	00086	0.000	0.000	0.000	00016	0.000	0.000	0.000	00012	0.000	0.000	0.000
	0.000	0.000	0.001		-0.001	-0.001	0.000		-0.003	-0.002	-0.001		-0.003	-0.002	0.000
00082	0.000	0.000	0.000	00011	0.000	0.000	0.000	00114	0.000	0.000	0.000	00083	0.000	0.000	0.000
	-0.001	-0.002	0.000		-0.003	-0.002	0.000		-0.001	0.000	-0.001		-0.001	0.000	0.000
00081	0.000	0.000	0.000	00113	0.000	0.000	0.000	00074	0.000	0.000	0.000	00105	0.000	0.000	0.000
	-0.001	-0.001	0.000		0.000	-0.001	0.000		-0.001	-0.002	0.000		-0.001	0.000	-0.001
00010	0.000	0.000	0.000	00084	0.000	0.000	0.000	00088	0.000	0.000	0.000	00110	0.000	0.000	0.000
	-0.002	-0.002	-0.001		-0.001	0.000	0.000		0.000	-0.001	0.000		0.000	0.001	0.000
00122	0.000	0.000	0.000	00108	0.000	0.000	0.000	00123	0.000	0.000	0.000	00080	0.000	0.000	0.000
	-0.001	-0.001	0.000		0.000	0.000	0.000		-0.001	-0.001	0.001		0.000	-0.001	0.000
00106	0.000	0.000	0.000	00124	0.000	0.000	0.000	00109	0.000	0.000	0.000	00079	0.000	0.000	0.000
	0.000	0.000	0.000		-0.001	-0.001	-0.001		0.000	0.000	-0.001		0.000	-0.001	0.000
00107	0.000	0.000	0.000	00089	0.000	0.000	0.000	00014	0.000	0.000	0.000				
	0.000	0.000	0.000		-0.001	-0.001	0.000		-0.003	-0.002	0.000				
<b>Condizione carico (Carico da Neve &lt;= 1000 m s.l.m.)</b>															
00076	0.000	0.000	0.000	00077	0.000	0.000	0.000	00103	0.000	0.000	0.000	00104	0.000	0.000	0.000
	0.000	0.002	-0.001		0.000	-0.003	-0.002		-0.010	-0.004	-0.001		-0.010	0.000	-0.001
00075	0.000	0.000	0.000	00013	0.000	0.000	0.000	00009	0.000	0.000	0.000	00078	0.000	0.000	0.000
	0.000	0.002	0.001		-0.002	0.000	0.001		-0.014	-0.013	-0.001		-0.004	0.000	-0.003
00015	0.000	0.000	0.000	00112	0.000	0.000	0.000	00085	0.000	0.000	0.000	00087	0.000	0.000	0.000
	0.006	0.005	0.000		0.004	0.001	-0.001		0.000	0.001	0.001		0.001	0.000	0.001
00111	0.000	0.000	0.000	00086	0.000	0.000	0.000	00016	0.000	0.000	0.000	00012	0.000	0.000	0.000
	0.001	0.000	0.000		0.002	0.000	0.001		0.007	0.005	0.000		0.001	0.000	0.001
00082	0.000	0.000	0.000	00011	0.000	0.000	0.000	00114	0.000	0.000	0.000	00083	0.000	0.000	0.000
	0.000	0.001	-0.001		0.001	0.000	-0.001		0.003	0.001	0.001		0.000	-0.001	0.000
00081	0.000	0.000	0.000	00113	0.000	0.000	0.000	00074	0.000	0.000	0.000	00105	0.000	0.000	0.000
	0.002	0.000	-0.002		0.001	0.000	0.000		-0.001	-0.003	0.002		-0.013	-0.005	0.002
00010	0.000	0.000	0.000	00084	0.000	0.000	0.000	00088	0.000	0.000	0.000	00110	0.000	0.000	0.000
	-0.014	-0.013	0.001		0.000	-0.001	0.000		0.000	0.000	0.002		-0.001	-0.005	0.000
00122	0.000	0.000	0.000	00108	0.000	0.000	0.000	00123	0.000	0.000	0.000	00080	0.000	0.000	0.000
	0.007	0.006	0.001		0.001	-0.001	0.001		0.001	0.001	-0.002		0.001	0.000	-0.002
00106	0.000	0.000	0.000	00124	0.000	0.000	0.000	00109	0.000	0.000	0.000	00079	0.000	0.000	0.000
	-0.004	-0.007	-0.002		0.007	0.008	0.000		-0.003	-0.008	0.002		0.000	0.000	-0.002
00107	0.000	0.000	0.000	00089	0.000	0.000	0.000	00014	0.000	0.000	0.000				
	0.000	-0.007	-0.001		-0.003	0.000	0.003		-0.002	0.000	0.000				
<b>Condizione carico (Spinta Terreno (statica))</b>															
00076	0.000	0.000	0.000	00077	0.000	0.000	0.000	00103	0.000	0.000	0.000	00104	0.000	0.000	0.000
	0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000
00075	0.000	0.000	0.000	00013	0.000	0.000	0.000	00009	0.000	0.000	0.000	00078	0.000	0.000	0.000
	0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000
00015	0.000	0.000	0.000	00112	0.000	0.000	0.000	00085	0.000	0.000	0.000	00087	0.000	0.000	0.000



Platee - tensioni per condizioni di carico non sismiche

Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$	Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$	Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$	Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$
	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]
	0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000
00111	0.000	0.000	0.000	00086	0.000	0.000	0.000	00016	0.000	0.000	0.000	00012	0.000	0.000	0.000
	0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000
00082	0.000	0.000	0.000	00011	0.000	0.000	0.000	00114	0.000	0.000	0.000	00083	0.000	0.000	0.000
	0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000
00081	0.000	0.000	0.000	00113	0.000	0.000	0.000	00074	0.000	0.000	0.000	00105	0.000	0.000	0.000
	0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000
00010	0.000	0.000	0.000	00084	0.000	0.000	0.000	00088	0.000	0.000	0.000	00110	0.000	0.000	0.000
	0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000
00122	0.000	0.000	0.000	00108	0.000	0.000	0.000	00123	0.000	0.000	0.000	00080	0.000	0.000	0.000
	0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000
00106	0.000	0.000	0.000	00124	0.000	0.000	0.000	00109	0.000	0.000	0.000	00079	0.000	0.000	0.000
	0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000
00107	0.000	0.000	0.000	00089	0.000	0.000	0.000	00014	0.000	0.000	0.000				
	0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000				
<b>Condizione carico (Spinta Terreno (sisma))</b>															
00076	0.000	0.000	0.000	00077	0.000	0.000	0.000	00103	0.000	0.000	0.000	00104	0.000	0.000	0.000
	0.006	-0.002	0.003		0.000	-0.015	0.007		-0.007	-0.012	0.011		-0.002	-0.003	0.000
00075	0.001	0.000	0.000	00013	0.000	0.000	0.000	00009	0.000	0.000	0.000	00078	0.000	0.000	0.000
	0.005	0.000	-0.003		-0.001	-0.002	0.011		-0.020	-0.021	0.015		-0.015	0.000	0.008
00015	0.000	0.000	0.000	00112	0.000	0.000	0.000	00085	0.000	0.000	0.000	00087	0.000	0.000	0.000
	-0.021	-0.021	0.016		-0.007	-0.013	0.012		0.000	-0.016	0.007		0.001	0.005	0.004
00111	0.000	0.000	0.000	00086	0.000	-0.001	0.000	00016	0.000	0.000	0.000	00012	-0.001	0.001	0.000
	-0.010	-0.008	0.012		-0.016	0.000	0.007		-0.020	-0.021	-0.015		-0.001	-0.002	-0.010
00082	0.000	0.000	0.000	00011	-0.001	0.001	0.000	00114	0.000	0.000	0.000	00083	0.000	0.000	0.000
	0.000	-0.015	-0.007		-0.001	-0.002	0.010		-0.007	-0.012	-0.011		0.006	-0.002	-0.003
00081	0.000	-0.001	0.000	00113	0.000	0.000	0.000	00074	-0.001	0.000	0.000	00105	0.000	0.000	0.000
	-0.016	0.000	-0.007		-0.003	-0.004	0.000		0.000	-0.015	-0.007		-0.005	-0.012	-0.011
00010	0.000	0.000	0.000	00084	0.001	0.000	0.000	00088	0.000	0.000	0.000	00110	0.000	0.000	0.000
	-0.020	-0.020	-0.015		0.005	-0.001	0.003		0.000	0.006	-0.004		-0.005	-0.006	0.000
00122	0.000	0.000	0.000	00108	0.000	0.000	0.000	00123	0.000	0.000	0.000	00080	0.000	0.000	0.000
	-0.021	-0.025	0.000		-0.010	-0.008	-0.013		-0.023	-0.026	0.004		0.002	0.005	-0.003
00106	0.000	0.000	0.000	00124	0.000	0.000	0.000	00109	0.000	0.000	0.000	00079	0.000	0.000	0.000
	-0.010	-0.009	0.014		-0.024	-0.025	-0.004		-0.010	-0.008	-0.012		0.000	0.006	0.004
00107	0.000	0.000	0.000	00089	0.000	0.000	0.000	00014	0.000	0.000	0.000				
	0.000	-0.006	0.000		-0.014	0.000	-0.007		-0.001	-0.002	-0.010				
<b>Condizione carico (Pressione del Vento (+X))</b>															
00076	0.000	0.000	0.000	00077	0.000	0.000	0.000	00103	0.000	0.000	0.000	00104	0.000	0.000	0.000
	0.000	0.001	-0.001		-0.001	-0.004	-0.002		-0.006	-0.003	0.000		-0.003	0.000	0.001
00075	0.000	0.000	0.000	00013	0.000	0.000	0.000	00009	0.000	0.000	0.000	00078	0.000	0.000	0.000
	0.000	0.001	-0.001		-0.001	-0.001	0.001		-0.014	-0.014	0.000		-0.003	0.000	-0.002
00015	0.000	0.000	0.000	00112	0.000	0.000	0.000	00085	0.000	0.000	0.000	00087	0.000	0.000	0.000
	0.012	0.012	0.001		0.007	0.003	0.002		0.000	0.003	0.003		-0.002	0.000	0.002
00111	0.000	0.000	0.000	00086	0.000	0.000	0.000	00016	0.000	0.000	0.000	00012	0.000	0.000	0.000
	0.002	0.008	0.001		0.002	0.000	0.002		-0.003	-0.003	0.001		0.001	-0.001	0.000
00082	0.000	0.000	0.000	00011	0.000	0.000	0.000	00114	0.000	0.000	0.000	00083	0.000	0.000	0.000
	0.000	-0.001	0.001		0.001	0.001	0.000		0.000	0.000	0.001		0.000	-0.001	0.002
00081	0.000	0.000	0.000	00113	0.000	0.000	0.000	00074	0.000	0.000	0.000	00105	0.000	0.000	0.000
	0.000	0.000	0.000		0.002	0.000	0.000		0.000	0.002	-0.001		0.000	0.001	0.000
00010	0.000	0.000	0.000	00084	0.000	0.000	0.000	00088	0.000	0.000	0.000	00110	0.000	0.000	0.000
	0.004	0.004	0.000		0.000	-0.001	0.002		-0.001	0.000	0.001		0.000	0.005	0.001
00122	0.000	0.000	0.000	00108	0.000	0.000	0.000	00123	0.000	0.000	0.000	00080	0.000	0.000	0.000
	0.004	0.005	0.001		-0.001	-0.004	0.001		-0.004	-0.005	0.000		0.002	0.000	0.000
00106	0.000	0.000	0.000	00124	0.000	0.000	0.000	00109	0.000	0.000	0.000	00079	0.000	0.000	0.000
	-0.003	-0.007	0.000		-0.001	-0.002	0.001		0.001	0.004	0.001		0.001	0.000	0.000
00107	0.000	0.000	0.000	00089	0.000	0.000	0.000	00014	0.000	0.000	0.000				
	0.000	-0.007	0.000		0.001	0.000	0.000		-0.001	0.001	0.001				
<b>Condizione carico (Pressione del Vento (-X))</b>															
00076	0.000	0.000	0.000	00077	0.000	0.000	0.000	00103	0.000	0.000	0.000	00104	0.000	0.000	0.000
	-0.001	-0.002	0.000		0.000	-0.001	0.000		0.002	0.000	0.000		0.005	0.000	0.002
00075	0.000	0.000	0.000	00013	0.000	0.000	0.000	00009	0.000	0.000	0.000	00078	0.000	0.000	0.000
	0.000	-0.001	-0.001		0.002	-0.001	0.000		0.001	0.000	0.000		0.001	0.000	0.001
00015	0.000	0.000	0.000	00112	0.000	0.000	0.000	00085	0.000	0.000	0.000	00087	0.000	0.000	0.000
	-0.002	-0.001	0.000		-0.004	-0.001	0.001		0.000	0.000	0.001		-0.003	0.000	-0.001
00111	0.000	0.000	0.000	00086	0.000	0.000	0.000	00016	0.000	0.000	0.000	00012	0.000	0.000	0.000
	-0.001	0.002	0.000		-0.001	0.000	0.000		-0.017	-0.017	0.001		-0.002	-0.001	-0.001
00082	0.000	0.000	0.000	00011	0.000	0.000	0.000	00114	0.000	0.000	0.000	00083	0.000	0.000	0.000
	0.000	-0.004	0.003		-0.002	0.002	0.000		-0.009	-0.003	0.001		0.001	0.002	0.002
00081	0.000	0.000	0.000	00113	0.000	0.000	0.000	00074	0.000	0.000	0.000	00105	0.000	0.000	0.000
	-0.004	0.000	0.003		-0.005	0.001	0.001		0.001	0.005	-0.002		0.011	0.005	0.000
00010	0.000	0.000	0.000	00084	0.000	0.000	0.000	00088	0.000	0.000	0.000	00110	0.000	0.000	0.000
	0.018	0.018	-0.001		0.000	0.002	0.002		-0.002	0.000	-0.001		0.000	0.005	0.001



Platee - tensioni per condizioni di carico non sismiche

Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$	Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$	Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$	Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$
	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]
00122	0.000 0.004	0.000 0.005	0.000 0.000	00108	0.000 -0.003	0.000 -0.008	0.000 0.002	00123	0.000 0.000	0.000 0.000	0.000 0.001	00080	0.000 0.002	0.000 0.000	0.000 0.003
00106	0.000 0.000	0.000 -0.003	0.000 0.001	00124	0.000 -0.006	0.000 -0.006	0.000 0.002	00109	0.000 0.003	0.000 0.010	0.000 0.000	00079	0.000 0.001	0.000 0.000	0.000 0.002
00107	0.000 0.000	0.000 -0.007	0.000 0.001	00089	0.000 0.004	0.000 0.001	0.000 -0.002	00014	0.000 0.001	0.000 0.001	0.000 0.001				
Condizione carico (Pressione del Vento (+Y))															
00076	0.000 0.000	0.000 0.001	0.000 -0.001	00077	0.000 -0.001	0.000 -0.004	0.000 -0.002	00103	0.000 -0.006	0.000 -0.003	0.000 0.000	00104	0.000 -0.003	0.000 0.000	0.000 0.001
00075	0.000 0.000	0.000 0.001	0.000 -0.001	00013	0.000 -0.001	0.000 -0.001	0.000 0.001	00009	0.000 -0.014	0.000 -0.014	0.000 0.000	00078	0.000 -0.003	0.000 0.000	0.000 -0.002
00015	0.000 0.012	0.000 0.012	0.000 0.001	00112	0.000 0.007	0.000 0.003	0.000 0.002	00085	0.000 0.000	0.000 0.003	0.000 0.003	00087	0.000 -0.002	0.000 0.000	0.000 0.002
00111	0.000 0.002	0.000 0.008	0.000 0.001	00086	0.000 0.002	0.000 0.000	0.000 0.002	00016	0.000 -0.003	0.000 -0.003	0.000 0.001	00012	0.000 0.001	0.000 -0.001	0.000 0.000
00082	0.000 0.000	0.000 -0.001	0.000 0.001	00011	0.000 0.001	0.000 0.001	0.000 0.000	00114	0.000 0.000	0.000 0.000	0.000 0.001	00083	0.000 0.000	0.000 -0.001	0.000 0.002
00081	0.000 0.000	0.000 0.000	0.000 0.000	00113	0.000 0.002	0.000 0.000	0.000 0.000	00074	0.000 0.000	0.000 0.002	0.000 -0.001	00105	0.000 0.000	0.000 0.001	0.000 0.000
00010	0.000 0.004	0.000 0.004	0.000 0.000	00084	0.000 0.000	0.000 -0.001	0.000 0.002	00088	0.000 -0.001	0.000 0.000	0.000 0.001	00110	0.000 0.000	0.000 0.005	0.000 0.001
00122	0.000 0.004	0.000 0.005	0.000 0.001	00108	0.000 -0.001	0.000 -0.004	0.000 0.001	00123	0.000 -0.004	0.000 -0.005	0.000 0.000	00080	0.000 0.002	0.000 0.000	0.000 0.000
00106	0.000 -0.003	0.000 -0.007	0.000 0.000	00124	0.000 -0.001	0.000 -0.002	0.000 0.001	00109	0.000 0.001	0.000 0.004	0.000 0.001	00079	0.000 0.001	0.000 0.000	0.000 0.000
00107	0.000 0.000	0.000 -0.007	0.000 0.000	00089	0.000 0.001	0.000 0.000	0.000 0.000	00014	0.000 -0.001	0.000 0.001	0.000 0.001				
Condizione carico (Pressione del Vento (-Y))															
00076	0.000 0.000	0.000 0.001	0.000 0.001	00077	0.000 0.001	0.000 0.004	0.000 0.002	00103	0.000 0.005	0.000 0.003	0.000 0.000	00104	0.000 -0.002	0.000 0.000	0.000 -0.002
00075	0.000 0.000	0.000 0.000	0.000 0.002	00013	0.000 -0.001	0.000 0.002	0.000 -0.001	00009	0.000 0.013	0.000 0.013	0.000 0.000	00078	0.000 0.002	0.000 0.001	0.000 0.000
00015	0.000 -0.010	0.000 -0.011	0.000 -0.002	00112	0.000 -0.003	0.000 -0.001	0.000 -0.003	00085	0.000 0.000	0.000 -0.003	0.000 -0.004	00087	0.000 0.005	0.000 0.001	0.000 -0.001
00111	0.000 -0.001	0.000 -0.009	0.000 -0.002	00086	0.000 -0.001	0.000 0.000	0.000 -0.002	00016	0.000 0.020	0.000 0.020	0.000 -0.002	00012	0.000 0.001	0.000 0.002	0.000 0.001
00082	0.000 0.000	0.000 0.005	0.000 -0.005	00011	0.000 0.001	0.000 -0.003	0.000 0.000	00114	0.000 0.009	0.000 0.003	0.000 -0.002	00083	0.000 -0.001	0.000 -0.001	0.000 -0.004
00081	0.000 0.004	0.000 0.000	0.000 -0.004	00113	0.000 0.003	0.000 -0.001	0.000 -0.002	00074	0.000 -0.001	0.000 -0.006	0.000 0.003	00105	0.000 -0.011	0.000 -0.005	0.000 0.000
00010	0.000 -0.022	0.000 -0.022	0.000 0.000	00084	0.000 0.000	0.000 -0.001	0.000 -0.004	00088	0.000 0.003	0.000 0.001	0.000 0.000	00110	0.000 0.000	0.000 -0.010	0.000 -0.002
00122	0.000 -0.008	0.000 -0.009	0.000 -0.001	00108	0.000 0.004	0.000 0.012	0.000 -0.003	00123	0.000 0.004	0.000 0.005	0.000 0.000	00080	0.000 -0.004	0.000 0.000	0.000 -0.003
00106	0.000 0.003	0.000 0.010	0.000 0.000	00124	0.000 0.007	0.000 0.008	0.000 -0.003	00109	0.000 -0.004	0.000 -0.014	0.000 0.000	00079	0.000 -0.003	0.000 -0.001	0.000 -0.002
00107	0.000 0.001	0.000 0.014	0.000 -0.002	00089	0.000 -0.005	0.000 -0.001	0.000 0.002	00014	0.000 0.000	0.000 -0.003	0.000 -0.002				

LEGENDA:

- $\sigma_{P1}$  Tensione normale in direzione 1 per comportamento a piastra.  
 $\sigma_{P2}$  Tensione normale in direzione 2 per comportamento a piastra.  
 $\tau_P$  Tensione tangenziale 1-2 per comportamento a piastra.  
 $\sigma_{L1}$  Tensione normale in direzione 1 per comportamento a lastra.  
 $\sigma_{L2}$  Tensione normale in direzione 2 per comportamento a lastra.  
 $\tau_L$  Tensione tangenziale 1-2 per comportamento a lastra.

Platee - TENSIONI PER EFFETTO DEL SISMA

Platee - tensioni per effetto del sisma

Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$	Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$	Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$	Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$
	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]
Fondazione Sisma in direzione X				Platea 1											
00076	0.000 0.001	0.000 0.003	0.000 0.001	00077	0.000 0.001	0.000 0.003	0.000 0.002	00103	0.000 0.009	0.000 0.002	0.000 0.001	00104	0.000 0.008	0.000 0.002	0.000 0.001
00075	0.000 0.000	0.000 0.003	0.000 0.000	00013	0.000 0.002	0.000 0.000	0.000 0.001	00009	0.000 0.013	0.000 0.015	0.000 0.001	00078	0.000 0.003	0.000 0.000	0.000 0.003
00015	0.000 0.007	0.000 0.008	0.000 0.000	00112	0.000 0.004	0.000 0.001	0.000 0.001	00085	0.000 0.001	0.000 0.002	0.000 0.001	00087	0.000 0.001	0.000 0.000	0.000 0.001
00111	0.000	0.000	0.000	00086	0.000	0.000	0.000	00016	0.000	0.000	0.000	00012	0.000	0.000	0.000



Platee - tensioni per effetto del sisma

Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$	Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$	Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$	Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$
	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]
	0.000	0.001	0.001		0.002	0.000	0.001		0.007	0.008	0.000		0.002	0.001	0.001
00082	0.000	0.000	0.000	00011	0.000	0.000	0.000	00114	0.000	0.000	0.000	00083	0.000	0.000	0.000
	0.000	0.002	0.001		0.002	0.001	0.001		0.002	0.000	0.001		0.001	0.002	0.000
00081	0.000	0.000	0.000	00113	0.000	0.000	0.000	00074	0.000	0.000	0.000	00105	0.000	0.000	0.000
	0.002	0.000	0.002		0.001	0.002	0.001		0.001	0.003	0.002		0.011	0.003	0.001
00010	0.000	0.000	0.000	00084	0.000	0.000	0.000	00088	0.000	0.000	0.000	00110	0.000	0.000	0.000
	0.013	0.014	0.001		0.001	0.002	0.000		0.001	0.000	0.002		0.001	0.004	0.000
00122	0.000	0.000	0.000	00108	0.000	0.000	0.000	00123	0.000	0.000	0.000	00080	0.000	0.000	0.000
	0.006	0.005	0.001		0.000	0.000	0.000		0.000	0.000	0.002		0.001	0.001	0.002
00106	0.000	0.000	0.000	00124	0.000	0.000	0.000	00109	0.000	0.000	0.000	00079	0.000	0.000	0.000
	0.002	0.006	0.002		0.007	0.008	0.000		0.002	0.008	0.001		0.001	0.000	0.002
00107	0.000	0.000	0.000	00089	0.000	0.000	0.000	00014	0.000	0.000	0.000				
	0.001	0.006	0.001		0.003	0.000	0.002		0.002	0.000	0.001				
<b>Sisma in direzione Y</b>															
00076	0.000	0.000	0.000	00077	0.000	0.000	0.000	00103	0.000	0.000	0.000	00104	0.000	0.000	0.000
	0.000	0.000	0.006		0.001	0.011	0.008		0.017	0.007	0.003		0.001	0.000	0.000
00075	0.000	0.000	0.000	00013	0.000	0.000	0.000	00009	0.000	0.000	0.000	00078	0.000	0.000	0.000
	0.001	0.001	0.007		0.001	0.006	0.003		0.040	0.041	0.002		0.008	0.001	0.004
00015	0.000	0.000	0.000	00112	0.000	0.000	0.000	00085	0.000	0.000	0.000	00087	0.000	0.000	0.000
	0.037	0.039	0.003		0.017	0.008	0.003		0.001	0.011	0.009		0.010	0.001	0.003
00111	0.000	0.000	0.000	00086	0.000	0.000	0.000	00016	0.000	0.000	0.000	00012	0.000	0.000	0.000
	0.007	0.029	0.002		0.007	0.000	0.005		0.037	0.040	0.003		0.000	0.005	0.002
00082	0.000	0.000	0.000	00011	0.000	0.000	0.000	00114	0.000	0.000	0.000	00083	0.000	0.000	0.000
	0.001	0.011	0.009		0.000	0.006	0.001		0.016	0.007	0.003		0.000	0.001	0.008
00081	0.000	0.000	0.000	00113	0.000	0.000	0.000	00074	0.000	0.000	0.000	00105	0.000	0.000	0.000
	0.007	0.000	0.005		0.002	0.000	0.000		0.001	0.012	0.007		0.019	0.008	0.003
00010	0.000	0.000	0.000	00084	0.000	0.000	0.000	00088	0.000	0.000	0.000	00110	0.000	0.000	0.000
	0.040	0.040	0.002		0.000	0.000	0.009		0.007	0.002	0.000		0.001	0.024	0.001
00122	0.000	0.000	0.000	00108	0.000	0.000	0.000	00123	0.000	0.000	0.000	00080	0.000	0.000	0.000
	0.020	0.022	0.001		0.007	0.027	0.005		0.012	0.014	0.002		0.010	0.001	0.002
00106	0.000	0.000	0.000	00124	0.000	0.000	0.000	00109	0.000	0.000	0.000	00079	0.000	0.000	0.000
	0.009	0.028	0.002		0.011	0.015	0.004		0.008	0.030	0.001		0.007	0.002	0.000
00107	0.000	0.000	0.000	00089	0.000	0.000	0.000	00014	0.000	0.000	0.000				
	0.003	0.036	0.000		0.008	0.002	0.004		0.001	0.006	0.003				

LEGENDA:

- $\sigma_{P1}$  Tensione normale in direzione 1 per comportamento a piastra.  
 $\sigma_{P2}$  Tensione normale in direzione 2 per comportamento a piastra.  
 $\tau_P$  Tensione tangenziale 1-2 per comportamento a piastra.  
 $\sigma_{L1}$  Tensione normale in direzione 1 per comportamento a lastra.  
 $\sigma_{L2}$  Tensione normale in direzione 2 per comportamento a lastra.  
 $\tau_L$  Tensione tangenziale 1-2 per comportamento a lastra.

Platee - TENSIONI PER ECCENTRICITÀ ACCIDENTALE

Platee - tensioni per eccentricità accidentale

Platee - tensioni per eccentricità accidentale															
Nodo	$\sigma_{L1}$	$\sigma_{L2}$	$\tau_L$	Nodo	$\sigma_{L1}$	$\sigma_{L2}$	$\tau_L$	Nodo	$\sigma_{L1}$	$\sigma_{L2}$	$\tau_L$	Nodo	$\sigma_{L1}$	$\sigma_{L2}$	$\tau_L$
	$\sigma_{P1}$	$\sigma_{P2}$	$\tau_P$		$\sigma_{P1}$	$\sigma_{P2}$	$\tau_P$		$\sigma_{P1}$	$\sigma_{P2}$	$\tau_P$		$\sigma_{P1}$	$\sigma_{P2}$	$\tau_P$
	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]			[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]		[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	
Fondazione				Platea 1											
Eccentricità accidentale + in direzione X															
00076	0.000 0.000	0.000 0.000	0.000 0.000	00077	0.000 0.000	0.000 0.000	0.000 0.000	00103	0.000 0.000	0.000 0.000	0.000 0.000	00104	0.000 0.000	0.000 0.000	0.000 0.000
00075	0.000 0.000	0.000 0.000	0.000 0.000	00013	0.000 0.000	0.000 0.000	0.000 0.000	00009	0.000 0.000	0.000 0.000	0.000 0.000	00078	0.000 0.000	0.000 0.000	0.000 0.000
00015	0.000 0.000	0.000 0.000	0.000 0.000	00112	0.000 0.000	0.000 0.000	0.000 0.000	00085	0.000 0.000	0.000 0.000	0.000 0.000	00087	0.000 0.000	0.000 0.000	0.000 0.000
00111	0.000 0.000	0.000 0.000	0.000 0.000	00086	0.000 0.000	0.000 0.000	0.000 0.000	00016	0.000 0.000	0.000 0.000	0.000 0.000	00012	0.000 0.000	0.000 0.000	0.000 0.000
00082	0.000 0.000	0.000 0.000	0.000 0.000	00011	0.000 0.000	0.000 0.000	0.000 0.000	00114	0.000 0.000	0.000 0.000	0.000 0.000	00083	0.000 0.000	0.000 0.000	0.000 0.000
00081	0.000 0.000	0.000 0.000	0.000 0.000	00113	0.000 0.000	0.000 0.000	0.000 0.000	00074	0.000 0.000	0.000 0.000	0.000 0.000	00105	0.000 0.000	0.000 0.000	0.000 0.000
00010	0.000 0.000	0.000 0.000	0.000 0.000	00084	0.000 0.000	0.000 0.000	0.000 0.000	00088	0.000 0.000	0.000 0.000	0.000 0.000	00110	0.000 0.000	0.000 0.000	0.000 0.000
00122	0.000 0.000	0.000 0.000	0.000 0.000	00108	0.000 0.000	0.000 0.000	0.000 0.000	00123	0.000 0.000	0.000 0.000	0.000 0.000	00080	0.000 0.000	0.000 0.000	0.000 0.000
00106	0.000 0.000	0.000 0.000	0.000 0.000	00124	0.000 0.000	0.000 0.000	0.000 0.000	00109	0.000 0.000	0.000 0.000	0.000 0.000	00079	0.000 0.000	0.000 0.000	0.000 0.000
00107	0.000 0.000	0.000 0.000	0.000 0.000	00089	0.000 0.000	0.000 0.000	0.000 0.000	00014	0.000 0.000	0.000 0.000	0.000 0.000				
Eccentricità accidentale - in direzione X															



### Platee - tensioni per eccentricità accidentale

Tabelle 1 - Tensioni per eccentricità accidentale															
Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$	Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$	Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$	Nodo	$\sigma_{L1}$ $\sigma_{P1}$	$\sigma_{L2}$ $\sigma_{P2}$	$\tau_L$ $\tau_P$
00076	[N/mm <sup>2</sup> ] 0.000	[N/mm <sup>2</sup> ] 0.000	[N/mm <sup>2</sup> ] 0.000	00077	[N/mm <sup>2</sup> ] 0.000	[N/mm <sup>2</sup> ] 0.000	[N/mm <sup>2</sup> ] 0.000	00103	[N/mm <sup>2</sup> ] 0.000	[N/mm <sup>2</sup> ] 0.000	[N/mm <sup>2</sup> ] 0.000	00104	[N/mm <sup>2</sup> ] 0.000	[N/mm <sup>2</sup> ] 0.000	[N/mm <sup>2</sup> ] 0.000
	0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000				
00075	0.000 0.000	0.000 0.000	0.000 0.000	00013	0.000 0.000	0.000 0.000	0.000 0.000	00009	0.000 0.000	0.000 0.000	0.000 0.000	00078	0.000 0.000	0.000 0.000	0.000 0.000
	0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000				
00015	0.000 0.000	0.000 0.000	0.000 0.000	00112	0.000 0.000	0.000 0.000	0.000 0.000	00085	0.000 0.000	0.000 0.000	0.000 0.000	00087	0.000 0.000	0.000 0.000	0.000 0.000
	0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000				
00111	0.000 0.000	0.000 0.000	0.000 0.000	00086	0.000 0.000	0.000 0.000	0.000 0.000	00016	0.000 0.000	0.000 0.000	0.000 0.000	00012	0.000 0.000	0.000 0.000	0.000 0.000
	0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000				
00082	0.000 0.000	0.000 0.000	0.000 0.000	00011	0.000 0.000	0.000 0.000	0.000 0.000	00114	0.000 0.000	0.000 0.000	0.000 0.000	00083	0.000 0.000	0.000 0.000	0.000 0.000
	0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000				
00081	0.000 0.000	0.000 0.000	0.000 0.000	00113	0.000 0.000	0.000 0.000	0.000 0.000	00074	0.000 0.000	0.000 0.000	0.000 0.000	00105	0.000 0.000	0.000 0.000	0.000 0.000
	0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000				
00010	0.000 0.000	0.000 0.000	0.000 0.000	00084	0.000 0.000	0.000 0.000	0.000 0.000	00088	0.000 0.000	0.000 0.000	0.000 0.000	00110	0.000 0.000	0.000 0.000	0.000 0.000
	0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000				
00122	0.000 0.000	0.000 0.000	0.000 0.000	00108	0.000 0.000	0.000 0.000	0.000 0.000	00123	0.000 0.000	0.000 0.000	0.000 0.000	00080	0.000 0.000	0.000 0.000	0.000 0.000
	0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000				
00106	0.000 0.000	0.000 0.000	0.000 0.000	00124	0.000 0.000	0.000 0.000	0.000 0.000	00109	0.000 0.000	0.000 0.000	0.000 0.000	00079	0.000 0.000	0.000 0.000	0.000 0.000
	0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000				
00107	0.000 0.000	0.000 0.000	0.000 0.000	00089	0.000 0.000	0.000 0.000	0.000 0.000	00014	0.000 0.000	0.000 0.000	0.000 0.000				
	0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000				
Eccentricità accidentale + in direzione Y															
00076	0.000 0.000	0.000 0.000	0.000 0.000	00077	0.000 0.000	0.000 0.000	0.000 0.000	00103	0.000 0.000	0.000 0.000	0.000 0.000	00104	0.000 0.000	0.000 0.000	0.000 0.000
	0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	
00075	0.000 0.000	0.000 0.000	0.000 0.000	00013	0.000 0.000	0.000 0.000	0.000 0.000	00009	0.000 0.000	0.000 0.000	0.000 0.000	00078	0.000 0.000	0.000 0.000	0.000 0.000
	0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	
00015	0.000 0.000	0.000 0.000	0.000 0.000	00112	0.000 0.000	0.000 0.000	0.000 0.000	00085	0.000 0.000	0.000 0.000	0.000 0.000	00087	0.000 0.000	0.000 0.000	0.000 0.000
	0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	
00111	0.000 0.000	0.000 0.000	0.000 0.000	00086	0.000 0.000	0.000 0.000	0.000 0.000	00016	0.000 0.000	0.000 0.000	0.000 0.000	00012	0.000 0.000	0.000 0.000	0.000 0.000
	0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	
00082	0.000 0.000	0.000 0.000	0.000 0.000	00011	0.000 0.000	0.000 0.000	0.000 0.000	00114	0.000 0.000	0.000 0.000	0.000 0.000	00083	0.000 0.000	0.000 0.000	0.000 0.000
	0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	
00081	0.000 0.000	0.000 0.000	0.000 0.000	00113	0.000 0.000	0.000 0.000	0.000 0.000	00074	0.000 0.000	0.000 0.000	0.000 0.000	00105	0.000 0.000	0.000 0.000	0.000 0.000
	0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	
00010	0.000 0.000	0.000 0.000	0.000 0.000	00084	0.000 0.000	0.000 0.000	0.000 0.000	00088	0.000 0.000	0.000 0.000	0.000 0.000	00110	0.000 0.000	0.000 0.000	0.000 0.000
	0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	
00122	0.000 0.000	0.000 0.000	0.000 0.000	00108	0.000 0.000	0.000 0.000	0.000 0.000	00123	0.000 0.000	0.000 0.000	0.000 0.000	00080	0.000 0.000	0.000 0.000	0.000 0.000
	0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	
00106	0.000 0.000	0.000 0.000	0.000 0.000	00124	0.000 0.000	0.000 0.000	0.000 0.000	00109	0.000 0.000	0.000 0.000	0.000 0.000	00079	0.000 0.000	0.000 0.000	0.000 0.000
	0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	
00107	0.000 0.000	0.000 0.000	0.000 0.000	00089	0.000 0.000	0.000 0.000	0.000 0.000	00014	0.000 0.000	0.000 0.000	0.000 0.000				
	0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000				
Eccentricità accidentale - in direzione Y															
00076	0.000 0.000	0.000 0.000	0.000 0.000	00077	0.000 0.000	0.000 0.000	0.000 0.000	00103	0.000 0.000	0.000 0.000	0.000 0.000	00104	0.000 0.000	0.000 0.000	0.000 0.000
	0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	
00075	0.000 0.000	0.000 0.000	0.000 0.000	00013	0.000 0.000	0.000 0.000	0.000 0.000	00009	0.000 0.000	0.000 0.000	0.000 0.000	00078	0.000 0.000	0.000 0.000	0.000 0.000
	0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	
00015	0.000 0.000	0.000 0.000	0.000 0.000	00112	0.000 0.000	0.000 0.000	0.000 0.000	00085	0.000 0.000	0.000 0.000	0.000 0.000	00087	0.000 0.000	0.000 0.000	0.000 0.000
	0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	
00111	0.000 0.000	0.000 0.000	0.000 0.000	00086	0.000 0.000	0.000 0.000	0.000 0.000	00016	0.000 0.000	0.000 0.000	0.000 0.000	00012	0.000 0.000	0.000 0.000	0.000 0.000
	0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	
00082	0.000 0.000	0.000 0.000	0.000 0.000	00011	0.000 0.000	0.000 0.000	0.000 0.000	00114	0.000 0.000	0.000 0.000	0.000 0.000	00083	0.000 0.000	0.000 0.000	0.000 0.000
	0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	
00081	0.000 0.000	0.000 0.000	0.000 0.000	00113	0.000 0.000	0.000 0.000	0.000 0.000	00074	0.000 0.000	0.000 0.000	0.000 0.000	00105	0.000 0.000	0.000 0.000	0.000 0.000
	0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	
00010	0.000 0.000	0.000 0.000	0.000 0.000	00084	0.000 0.000	0.000 0.000	0.000 0.000	00088	0.000 0.000	0.000 0.000	0.000 0.000	00110	0.000 0.000	0.000 0.000	0.000 0.000
	0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	
00122	0.000 0.000	0.000 0.000	0.000 0.000	00108	0.000 0.000	0.000 0.000	0.000 0.000	00123	0.000 0.000	0.000 0.000	0.000 0.000	00080	0.000 0.000	0.000 0.000	0.000 0.000
	0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	
00106	0.000 0.000	0.000 0.000	0.000 0.000	00124	0.000 0.000	0.000 0.000	0.000 0.000	00109	0.000 0.000	0.000 0.000	0.000 0.000	00079	0.000 0.000	0.000 0.000	0.000 0.000
	0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	
00107	0.000 0.000	0.000 0.000	0.000 0.000	00089	0.000 0.000	0.000 0.000	0.000 0.000	00014	0.000 0.000	0.000 0.000	0.000 0.000				
	0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000				

LEGENDA:

$\sigma_{P1}$	Tensione normale in direzione 1 per comportamento a piastra.
$\sigma_{P2}$	Tensione normale in direzione 2 per comportamento a piastra.
$\tau_P$	Tensione tangenziale 1-2 per comportamento a piastra.
$\sigma_{L1}$	Tensione normale in direzione 1 per comportamento a lastra.
$\sigma_{L2}$	Tensione normale in direzione 2 per comportamento a lastra.
$\tau_L$	Tensione tangenziale 1-2 per comportamento a lastra.



## NODI - REAZIONI VINCOLARI ESTERNE PER TIPOLOGIE DI CARICO NON SISMICHE

Nodi - Reazioni vincolari esterne per tipologie di carico non sismiche							
Id <sub>Nd</sub>	CC	F <sub>x</sub> [N]	F <sub>y</sub> [N]	F <sub>z</sub> [N]	M <sub>x</sub> [N-m]	M <sub>y</sub> [N-m]	M <sub>z</sub> [N-m]
00009	001	-2,743	-2,293	7,684	146	-216	-4
00009	002	-370	-263	967	13	-36	-1
00009	003	-1,255	-861	3,627	24	-104	-6
00009	004	-70	-59	75	9	-12	0
00009	005	-417	-285	1,215	8	-34	-2
00009	006	0	0	0	0	0	0
00009	007	25	-182	952	8	9	35
00009	008	-309	-394	1,151	35	-18	1
00009	009	239	-168	-62	32	38	4
00009	010	-309	-394	1,151	35	-18	1
00009	011	69	561	-1,087	-67	-20	-5
00010	001	-2,725	2,444	7,746	-176	-206	6
00010	002	-354	272	953	-14	-33	2
00010	003	-1,167	917	3,588	-29	-94	5
00010	004	-77	53	69	-8	-12	0
00010	005	-386	303	1,198	-9	-30	2
00010	006	0	0	0	0	0	0
00010	007	9	229	903	-13	12	-19
00010	008	-99	-293	-335	36	-21	5
00010	009	434	-537	-1,531	42	32	2
00010	010	-99	-293	-335	36	-21	5
00010	011	-335	829	1,867	-78	-11	-7
00011	001	0	0	0	0	0	0
00011	002	0	0	0	0	0	0
00011	003	1	-1	0	0	0	0
00011	004	0	0	0	0	0	0
00011	005	0	0	0	0	0	0
00011	006	0	0	0	0	0	0
00011	007	7	-6	0	0	0	0
00011	008	0	0	0	0	0	0
00011	009	-1	1	0	0	0	0
00011	010	0	0	0	0	0	0
00011	011	2	-1	0	0	0	0
00012	001	0	0	0	0	0	0
00012	002	0	0	0	0	0	0
00012	003	1	1	0	0	0	0
00012	004	0	0	0	0	0	0
00012	005	0	0	0	0	0	0
00012	006	0	0	0	0	0	0
00012	007	8	6	0	0	0	0
00012	008	1	1	0	0	0	0
00012	009	0	0	0	0	0	0
00012	010	1	0	0	0	0	0
00012	011	-1	-1	0	0	0	0
00013	001	1	0	0	0	0	0
00013	002	0	0	0	0	0	0
00013	003	1	-1	0	0	0	0
00013	004	0	0	0	0	0	0
00013	005	0	0	0	0	0	0
00013	006	0	0	0	0	0	0
00013	007	-6	5	0	0	0	0
00013	008	0	0	0	0	0	0
00013	009	-1	1	0	0	0	0
00013	010	0	0	0	0	0	0
00013	011	1	-1	0	0	0	0
00014	001	1	1	0	0	0	0
00014	002	0	0	0	0	0	0
00014	003	1	1	0	0	0	0
00014	004	0	0	0	0	0	0
00014	005	0	0	0	0	0	0
00014	006	0	0	0	0	0	0
00014	007	-2	-3	0	0	0	0
00014	008	1	1	0	0	0	0
00014	009	0	0	0	0	0	0
00014	010	1	1	0	0	0	0
00014	011	-1	-1	0	0	0	0
00015	001	1,978	2,020	5,934	-159	138	2
00015	002	-148	-51	-359	-4	-16	2
00015	003	-827	-374	-1,649	10	-102	7
00015	004	73	53	67	-8	12	0
00015	005	-247	-108	-467	3	-32	2
00015	006	0	0	0	0	0	0
00015	007	7	211	923	-6	-15	45



Nodi - Reazioni vincolari esterne per tipologie di carico non sismiche

Id <sub>Nd</sub>	CC	F <sub>x</sub> [N]	F <sub>y</sub> [N]	F <sub>z</sub> [N]	M <sub>x</sub> [N-m]	M <sub>y</sub> [N-m]	M <sub>z</sub> [N-m]
00015	008	-266	-402	-1,055	38	-15	-2
00015	009	349	-213	117	36	44	-6
00015	010	-266	-402	-1,055	38	-15	-2
00015	011	-84	616	937	-73	-29	8
00016	001	1,985	-1,838	5,837	129	144	-1
00016	002	-154	48	-368	5	-16	-2
00016	003	-835	383	-1,708	-11	-104	-7
00016	004	68	-60	74	9	12	0
00016	005	-246	109	-480	-3	-32	-2
00016	006	0	0	0	0	0	0
00016	007	-37	-162	918	0	-15	-44
00016	008	-95	-210	282	31	-22	-4
00016	009	531	-394	1,471	33	40	0
00016	010	-95	-210	282	31	-22	-4
00016	011	-437	603	-1,755	-63	-18	4
00074	001	-7	2	0	0	0	0
00074	002	-1	1	0	0	0	0
00074	003	-2	4	0	0	0	0
00074	004	0	0	0	0	0	0
00074	005	-1	1	0	0	0	0
00074	006	0	0	0	0	0	0
00074	007	-23	-26	0	0	0	0
00074	008	-2	4	0	0	0	0
00074	009	0	2	0	0	0	0
00074	010	-2	4	0	0	0	0
00074	011	2	-5	0	0	0	0
00075	001	5	-7	0	0	0	0
00075	002	0	-1	0	0	0	0
00075	003	0	-1	0	0	0	0
00075	004	0	-1	0	0	0	0
00075	005	0	0	0	0	0	0
00075	006	0	0	0	0	0	0
00075	007	27	-38	0	0	0	0
00075	008	0	0	0	0	0	0
00075	009	0	0	0	0	0	0
00075	010	0	0	0	0	0	0
00075	011	0	0	0	0	0	0
00076	001	5	7	0	0	0	0
00076	002	1	1	0	0	0	0
00076	003	2	2	0	0	0	0
00076	004	1	1	0	0	0	0
00076	005	0	1	0	0	0	0
00076	006	0	0	0	0	0	0
00076	007	7	10	0	0	0	0
00076	008	0	0	0	0	0	0
00076	009	-1	-1	0	0	0	0
00076	010	0	0	0	0	0	0
00076	011	1	1	0	0	0	0
00077	001	-6	0	0	0	0	0
00077	002	-1	-1	0	0	0	0
00077	003	-3	-4	0	0	0	0
00077	004	-1	1	0	0	0	0
00077	005	-1	-1	0	0	0	0
00077	006	0	0	0	0	0	0
00077	007	3	29	0	0	0	0
00077	008	0	1	0	0	0	0
00077	009	2	3	0	0	0	0
00077	010	0	1	0	0	0	0
00077	011	-2	-4	0	0	0	0
00078	001	5	-2	0	0	0	0
00078	002	1	0	0	0	0	0
00078	003	3	5	0	0	0	0
00078	004	0	-1	0	0	0	0
00078	005	1	2	0	0	0	0
00078	006	0	0	0	0	0	0
00078	007	-24	-14	0	0	0	0
00078	008	-1	-1	0	0	0	0
00078	009	-2	-3	0	0	0	0
00078	010	-1	-1	0	0	0	0
00078	011	3	4	0	0	0	0
00079	001	5	3	0	0	0	0
00079	002	1	0	0	0	0	0
00079	003	0	-7	0	0	0	0
00079	004	1	2	0	0	0	0
00079	005	0	-3	0	0	0	0



Nodi - Reazioni vincolari esterne per tipologie di carico non sismiche

Id <sub>Nd</sub>	CC	F <sub>x</sub> [N]	F <sub>y</sub> [N]	F <sub>z</sub> [N]	M <sub>x</sub> [N-m]	M <sub>y</sub> [N-m]	M <sub>z</sub> [N-m]
00079	006	0	0	0	0	0	0
00079	007	4	-5	0	0	0	0
00079	008	3	-2	0	0	0	0
00079	009	3	-2	0	0	0	0
00079	010	3	-2	0	0	0	0
00079	011	-6	3	0	0	0	0
00080	001	-1	3	0	0	0	0
00080	002	0	0	0	0	0	0
00080	003	4	4	0	0	0	0
00080	004	-1	-1	0	0	0	0
00080	005	1	2	0	0	0	0
00080	006	0	0	0	0	0	0
00080	007	-5	14	0	0	0	0
00080	008	1	3	0	0	0	0
00080	009	1	3	0	0	0	0
00080	010	1	3	0	0	0	0
00080	011	-3	-7	0	0	0	0
00081	001	0	-2	0	0	0	0
00081	002	1	-1	0	0	0	0
00081	003	5	-3	0	0	0	0
00081	004	0	0	0	0	0	0
00081	005	2	-1	0	0	0	0
00081	006	0	0	0	0	0	0
00081	007	26	-26	0	0	0	0
00081	008	3	-2	0	0	0	0
00081	009	0	-1	0	0	0	0
00081	010	3	-2	0	0	0	0
00081	011	-2	3	0	0	0	0
00082	001	3	3	0	0	0	0
00082	002	-1	1	0	0	0	0
00082	003	-5	4	0	0	0	0
00082	004	1	1	0	0	0	0
00082	005	-1	1	0	0	0	0
00082	006	0	0	0	0	0	0
00082	007	-3	37	0	0	0	0
00082	008	-2	3	0	0	0	0
00082	009	0	0	0	0	0	0
00082	010	-2	3	0	0	0	0
00082	011	2	-2	0	0	0	0
00083	001	-4	5	0	0	0	0
00083	002	0	0	0	0	0	0
00083	003	2	-3	0	0	0	0
00083	004	-1	1	0	0	0	0
00083	005	1	-1	0	0	0	0
00083	006	0	0	0	0	0	0
00083	007	-9	15	0	0	0	0
00083	008	1	-1	0	0	0	0
00083	009	0	0	0	0	0	0
00083	010	1	-1	0	0	0	0
00083	011	-1	1	0	0	0	0
00084	001	-4	-6	0	0	0	0
00084	002	0	1	0	0	0	0
00084	003	4	5	0	0	0	0
00084	004	-1	-1	0	0	0	0
00084	005	1	2	0	0	0	0
00084	006	0	0	0	0	0	0
00084	007	-19	-24	0	0	0	0
00084	008	-1	-1	0	0	0	0
00084	009	-2	-2	0	0	0	0
00084	010	-1	-1	0	0	0	0
00084	011	2	3	0	0	0	0
00085	001	4	-3	0	0	0	0
00085	002	-1	-1	0	0	0	0
00085	003	-6	-3	0	0	0	0
00085	004	1	0	0	0	0	0
00085	005	-2	-1	0	0	0	0
00085	006	0	0	0	0	0	0
00085	007	5	-41	0	0	0	0
00085	008	1	1	0	0	0	0
00085	009	3	4	0	0	0	0
00085	010	1	1	0	0	0	0
00085	011	-5	-5	0	0	0	0
00086	001	0	3	0	0	0	0
00086	002	1	1	0	0	0	0
00086	003	5	3	0	0	0	0



Nodi - Reazioni vincolari esterne per tipologie di carico non sismiche

Id <sub>Nd</sub>	CC	F <sub>x</sub> [N]	F <sub>y</sub> [N]	F <sub>z</sub> [N]	M <sub>x</sub> [N-m]	M <sub>y</sub> [N-m]	M <sub>z</sub> [N-m]
00086	004	0	0	0	0	0	0
00086	005	2	1	0	0	0	0
00086	006	0	0	0	0	0	0
00086	007	25	27	0	0	0	0
00086	008	-1	-2	0	0	0	0
00086	009	-4	-4	0	0	0	0
00086	010	-1	-2	0	0	0	0
00086	011	5	5	0	0	0	0
00087	001	-6	2	0	0	0	0
00087	002	0	0	0	0	0	0
00087	003	2	-3	0	0	0	0
00087	004	-1	1	0	0	0	0
00087	005	1	-1	0	0	0	0
00087	006	0	0	0	0	0	0
00087	007	-5	-15	0	0	0	0
00087	008	0	2	0	0	0	0
00087	009	0	2	0	0	0	0
00087	010	0	2	0	0	0	0
00087	011	0	-4	0	0	0	0
00088	001	3	-10	0	0	0	0
00088	002	0	0	0	0	0	0
00088	003	-3	8	0	0	0	0
00088	004	1	-3	0	0	0	0
00088	005	-1	3	0	0	0	0
00088	006	0	0	0	0	0	0
00088	007	2	8	0	0	0	0
00088	008	-3	1	0	0	0	0
00088	009	-1	0	0	0	0	0
00088	010	-3	1	0	0	0	0
00088	011	4	0	0	0	0	0
00089	001	7	3	0	0	0	0
00089	002	1	-1	0	0	0	0
00089	003	1	-7	0	0	0	0
00089	004	1	1	0	0	0	0
00089	005	0	-3	0	0	0	0
00089	006	0	0	0	0	0	0
00089	007	-11	4	0	0	0	0
00089	008	3	-4	0	0	0	0
00089	009	1	-1	0	0	0	0
00089	010	3	-4	0	0	0	0
00089	011	-4	5	0	0	0	0
00103	001	-268	1,647	6,982	-92	-253	33
00103	002	-50	277	835	-18	-50	5
00103	003	-47	1,012	3,364	-59	-106	9
00103	004	-48	30	-9	-4	-29	4
00103	005	-12	341	1,133	-20	-33	3
00103	006	0	0	0	0	0	0
00103	007	2,940	577	-176	-4	242	51
00103	008	-18	195	646	1	-23	0
00103	009	35	-251	-371	29	41	-5
00103	010	-18	195	646	1	-23	0
00103	011	-17	56	-273	-30	-19	5
00104	001	-150	56	7,296	-47	-156	-2
00104	002	-27	25	812	-12	-34	-1
00104	003	25	51	3,401	-31	-46	-2
00104	004	-42	16	-48	-5	-28	0
00104	005	11	17	1,152	-11	-13	-1
00104	006	0	0	0	0	0	0
00104	007	3,576	147	-586	-26	417	-4
00104	008	17	-9	306	13	-14	-1
00104	009	20	-9	-645	22	31	0
00104	010	17	-9	306	13	-14	-1
00104	011	-37	19	340	-35	-17	1
00105	001	-82	-1,856	6,541	131	-182	-18
00105	002	-5	-302	847	22	-29	-1
00105	003	54	-1,079	3,337	72	-59	0
00105	004	-23	-40	15	5	-18	-2
00105	005	21	-365	1,124	25	-17	0
00105	006	0	0	0	0	0	0
00105	007	3,083	-733	-194	44	215	-94
00105	008	12	-131	27	20	-15	0
00105	009	16	322	-970	-8	36	1
00105	010	12	-131	27	20	-15	0
00105	011	-28	-192	943	-12	-20	-1
00106	001	1,765	-205	6,012	142	180	-14



Nodi - Reazioni vincolari esterne per tipologie di carico non sismiche

Id <sub>Nd</sub>	CC	F <sub>x</sub> [N]	F <sub>y</sub> [N]	F <sub>z</sub> [N]	M <sub>x</sub> [N-m]	M <sub>y</sub> [N-m]	M <sub>z</sub> [N-m]
00106	002	346	-25	469	17	21	-1
00106	003	1,299	46	2,013	8	85	9
00106	004	26	-45	-43	19	-1	-4
00106	005	440	19	706	1	31	3
00106	006	0	0	0	0	0	0
00106	007	714	3,025	-332	-300	63	1
00106	008	432	-26	708	37	23	-3
00106	009	341	-67	292	34	43	-4
00106	010	432	-26	708	37	23	-3
00106	011	-774	92	-999	-72	-66	7
00107	001	128	101	6,189	21	3	-3
00107	002	190	16	279	0	8	-1
00107	003	756	97	1,133	-48	33	-10
00107	004	1	-10	-5	15	-1	2
00107	005	238	37	438	-19	10	-4
00107	006	0	0	0	0	0	0
00107	007	28	4,731	-291	-457	-14	-13
00107	008	-27	31	537	21	-7	-6
00107	009	66	14	530	24	10	-7
00107	010	-27	31	537	21	-7	-6
00107	011	-40	-45	-1,067	-44	-4	13
00108	001	-1,053	-216	5,314	129	-116	7
00108	002	39	-23	-40	4	-11	0
00108	003	235	50	-32	-44	-45	-2
00108	004	-24	-44	-40	19	1	1
00108	005	47	20	57	-15	-17	-1
00108	006	0	0	0	0	0	0
00108	007	-847	3,001	-329	-302	-32	25
00108	008	-308	3	409	26	-22	2
00108	009	-296	20	852	36	1	2
00108	010	-308	3	409	26	-22	2
00108	011	603	-23	-1,261	-62	21	-4
00109	001	1,643	98	6,135	-135	122	16
00109	002	326	-5	531	-9	20	0
00109	003	1,228	-135	2,172	25	62	-14
00109	004	23	36	-16	-19	6	4
00109	005	413	-48	755	10	22	-5
00109	006	0	0	0	0	0	0
00109	007	721	-3,079	-211	296	59	-2
00109	008	-354	-55	-408	36	-30	-5
00109	009	-458	17	-885	28	-14	-2
00109	010	-354	-55	-408	36	-30	-5
00109	011	812	38	1,294	-64	44	6
00110	001	93	89	6,279	-118	-11	-13
00110	002	149	6	222	-9	0	-1
00110	003	611	-58	1,149	33	-2	9
00110	004	-4	25	-81	-22	1	-4
00110	005	195	-22	439	13	-1	4
00110	006	0	0	0	0	0	0
00110	007	70	-4,760	-407	474	-10	17
00110	008	-74	12	-538	25	-12	-3
00110	009	101	29	-545	22	26	-3
00110	010	-74	12	-538	25	-12	-3
00110	011	-27	-42	1,083	-47	-15	7
00111	001	-948	141	5,347	-132	-77	-7
00111	002	62	22	-47	-7	-8	0
00111	003	299	-22	-128	32	-23	2
00111	004	-16	34	-18	-18	-3	-1
00111	005	75	-14	24	12	-9	1
00111	006	0	0	0	0	0	0
00111	007	-799	-3,009	-261	288	-28	-25
00111	008	294	25	-723	26	5	2
00111	009	288	-18	-219	28	25	2
00111	010	294	25	-723	26	5	2
00111	011	-583	-7	941	-54	-30	-4
00112	001	64	-1,447	5,061	103	118	15
00112	002	-10	100	-298	-1	-15	-1
00112	003	-114	523	-1,238	-22	-117	-12
00112	004	22	-39	15	5	18	2
00112	005	-42	144	-329	-5	-39	-4
00112	006	0	0	0	0	0	0
00112	007	-3,016	-753	-172	45	-239	66
00112	008	51	74	-608	4	-10	2
00112	009	64	-388	392	35	38	5
00112	010	51	74	-608	4	-10	2



**Nodi - Reazioni vincolari esterne per tipologie di carico non sismiche**

Id <sub>Nd</sub>	CC	F <sub>x</sub> [N]	F <sub>y</sub> [N]	F <sub>z</sub> [N]	M <sub>x</sub> [N-m]	M <sub>y</sub> [N-m]	M <sub>z</sub> [N-m]
00112	011	-115	315	214	-40	-27	-7
00113	001	122	28	5,690	-33	99	2
00113	002	5	10	-303	-2	-5	0
00113	003	-121	-8	-1,059	9	-108	-1
00113	004	44	15	-48	-5	28	0
00113	005	-44	2	-265	2	-36	0
00113	006	0	0	0	0	0	0
00113	007	-3,507	95	-561	-27	-423	-1
00113	008	-2	-138	-333	28	-16	-1
00113	009	-15	-119	623	19	24	0
00113	010	-2	-138	-333	28	-16	-1
00113	011	17	258	-291	-48	-9	1
00114	001	185	1,212	5,399	-64	170	-25
00114	002	-1	-110	-331	3	-10	1
00114	003	-153	-536	-1,296	26	-133	16
00114	004	46	30	-9	-4	29	-4
00114	005	-51	-148	-346	7	-43	5
00114	006	0	0	0	0	0	0
00114	007	-2,985	604	-177	-1	-249	-68
00114	008	-93	-173	-66	24	-28	5
00114	009	-51	269	951	-5	35	0
00114	010	-93	-173	-66	24	-28	5
00114	011	143	-96	-886	-19	-7	-4
00122	001	-6	-12	0	0	0	0
00122	002	-1	-1	0	0	0	0
00122	003	-6	2	0	0	0	0
00122	004	0	-2	0	0	0	0
00122	005	-2	1	0	0	0	0
00122	006	0	0	0	0	0	0
00122	007	0	-25	0	0	0	0
00122	008	-6	0	0	0	0	0
00122	009	-7	0	0	0	0	0
00122	010	-6	0	0	0	0	0
00122	011	13	-1	0	0	0	0
00123	001	14	12	0	0	0	0
00123	002	0	-1	0	0	0	0
00123	003	-7	-9	0	0	0	0
00123	004	3	2	0	0	0	0
00123	005	-3	-3	0	0	0	0
00123	006	0	0	0	0	0	0
00123	007	23	52	0	0	0	0
00123	008	0	1	0	0	0	0
00123	009	0	3	0	0	0	0
00123	010	0	1	0	0	0	0
00123	011	0	-5	0	0	0	0
00124	001	-10	18	0	0	0	0
00124	002	0	1	0	0	0	0
00124	003	8	-1	0	0	0	0
00124	004	-3	2	0	0	0	0
00124	005	3	-1	0	0	0	0
00124	006	0	0	0	0	0	0
00124	007	-14	77	0	0	0	0
00124	008	6	0	0	0	0	0
00124	009	4	0	0	0	0	0
00124	010	6	0	0	0	0	0
00124	011	-10	0	0	0	0	0

**LEGENDA:**

**Id<sub>Nd</sub>** Identificativo del nodo.  
**CC** Identificativo della tipologia di carico nella relativa tabella.  
**F<sub>x</sub>, F<sub>y</sub>, F<sub>z</sub>, M<sub>x</sub>, M<sub>y</sub>, M<sub>z</sub>** Reazioni vincolari relative al sistema di riferimento globale X, Y, Z.

**NODI - REAZIONI VINCOLARI ESTERNE PER EFFETTO DEL SISMA**

Nodi - Reazioni vincolari esterne per effetto del sisma							
Id <sub>Nd</sub>	Dir	F <sub>x</sub> [N]	F <sub>y</sub> [N]	F <sub>z</sub> [N]	M <sub>x</sub> [N-m]	M <sub>y</sub> [N-m]	M <sub>z</sub> [N-m]
00009	X	-692	-88	1,242	-7	-63	-3
00009	Y	-448	-1,603	3,485	169	15	12
00009	Z	0	0	0	0	0	0
00010	X	-681	120	1,230	5	-61	4
00010	Y	363	-1,670	-3,449	174	-20	16
00010	Z	0	0	0	0	0	0



Nodi - Reazioni vincolari esterne per effetto del sisma							
Id <sub>Nd</sub>	Dir	F <sub>x</sub> [N]	F <sub>y</sub> [N]	F <sub>z</sub> [N]	M <sub>x</sub> [N-m]	M <sub>y</sub> [N-m]	M <sub>z</sub> [N-m]
00011	X	0	0	0	0	0	0
00011	Y	-2	2	0	0	0	0
00011	Z	0	0	0	0	0	0
00012	X	0	0	0	0	0	0
00012	Y	2	2	0	0	0	0
00012	Z	0	0	0	0	0	0
00013	X	1	0	0	0	0	0
00013	Y	-2	2	0	0	0	0
00013	Z	0	0	0	0	0	0
00014	X	1	1	0	0	0	0
00014	Y	3	2	0	0	0	0
00014	Z	0	0	0	0	0	0
00015	X	-552	13	-627	-6	-59	2
00015	Y	-681	-1,334	-3,304	147	-4	-12
00015	Z	0	0	0	0	0	0
00016	X	-540	-23	-621	6	-59	-3
00016	Y	719	-1,314	3,334	144	8	-11
00016	Z	0	0	0	0	0	0
00074	X	-2	3	0	0	0	0
00074	Y	-5	12	0	0	0	0
00074	Z	0	0	0	0	0	0
00075	X	0	-1	0	0	0	0
00075	Y	0	-1	0	0	0	0
00075	Z	0	0	0	0	0	0
00076	X	0	1	0	0	0	0
00076	Y	-1	-2	0	0	0	0
00076	Z	0	0	0	0	0	0
00077	X	-1	-2	0	0	0	0
00077	Y	5	8	0	0	0	0
00077	Z	0	0	0	0	0	0
00078	X	2	2	0	0	0	0
00078	Y	-6	-9	0	0	0	0
00078	Z	0	0	0	0	0	0
00079	X	0	-2	0	0	0	0
00079	Y	10	3	0	0	0	0
00079	Z	0	0	0	0	0	0
00080	X	1	1	0	0	0	0
00080	Y	2	10	0	0	0	0
00080	Z	0	0	0	0	0	0
00081	X	2	-1	0	0	0	0
00081	Y	7	-8	0	0	0	0
00081	Z	0	0	0	0	0	0
00082	X	-1	2	0	0	0	0
00082	Y	-4	8	0	0	0	0
00082	Z	0	0	0	0	0	0
00083	X	0	0	0	0	0	0
00083	Y	-1	1	0	0	0	0
00083	Z	0	0	0	0	0	0
00084	X	0	0	0	0	0	0
00084	Y	-3	-3	0	0	0	0
00084	Z	0	0	0	0	0	0
00085	X	-1	-2	0	0	0	0
00085	Y	6	8	0	0	0	0
00085	Z	0	0	0	0	0	0
00086	X	2	1	0	0	0	0
00086	Y	-7	-9	0	0	0	0
00086	Z	0	0	0	0	0	0
00087	X	1	-1	0	0	0	0
00087	Y	1	8	0	0	0	0
00087	Z	0	0	0	0	0	0
00088	X	-2	3	0	0	0	0
00088	Y	-10	2	0	0	0	0
00088	Z	0	0	0	0	0	0
00089	X	2	-4	0	0	0	0
00089	Y	8	-13	0	0	0	0
00089	Z	0	0	0	0	0	0
00103	X	-5	609	1,058	-44	-53	3
00103	Y	32	-65	1,409	61	7	-6
00103	Z	0	0	0	0	0	0
00104	X	69	-17	1,001	-8	-28	0
00104	Y	-31	-224	-23	91	-6	1
00104	Z	0	0	0	0	0	0
00105	X	59	-635	1,048	47	-42	-1
00105	Y	-45	-97	-1,422	50	-6	-1



Nodi - Reazioni vincolari esterne per effetto del sisma							
Id <sub>Nd</sub>	Dir	F <sub>x</sub> [N]	F <sub>y</sub> [N]	F <sub>z</sub> [N]	M <sub>x</sub> [N-m]	M <sub>y</sub> [N-m]	M <sub>z</sub> [N-m]
00105	Z	0	0	0	0	0	0
00106	X	-206	106	574	-13	-39	2
00106	Y	1,953	-101	2,815	148	154	-16
00106	Z	0	0	0	0	0	0
00107	X	-731	28	428	-17	-63	-3
00107	Y	314	117	2,635	85	17	-17
00107	Z	0	0	0	0	0	0
00108	X	-514	-54	42	-1	-60	-1
00108	Y	-1,195	-29	2,731	129	-50	9
00108	Z	0	0	0	0	0	0
00109	X	-211	-139	630	25	-42	-6
00109	Y	-1,850	79	-2,786	147	-124	-16
00109	Z	0	0	0	0	0	0
00110	X	-807	-16	426	13	-87	3
00110	Y	-341	52	-2,632	113	-19	-13
00110	Z	0	0	0	0	0	0
00111	X	-459	54	46	-4	-50	1
00111	Y	1,130	-19	-2,736	125	33	8
00111	Z	0	0	0	0	0	0
00112	X	-42	387	-406	-27	-56	-1
00112	Y	210	422	-1,380	-16	-14	7
00112	Z	0	0	0	0	0	0
00113	X	75	17	-299	2	-49	0
00113	Y	-3	198	5	51	0	1
00113	Z	0	0	0	0	0	0
00114	X	-39	-364	-417	28	-60	1
00114	Y	-191	370	1,406	34	6	-6
00114	Z	0	0	0	0	0	0
00122	X	-1	0	0	0	0	0
00122	Y	-19	-1	0	0	0	0
00122	Z	0	0	0	0	0	0
00123	X	-2	-1	0	0	0	0
00123	Y	-2	-4	0	0	0	0
00123	Z	0	0	0	0	0	0
00124	X	4	0	0	0	0	0
00124	Y	23	1	0	0	0	0
00124	Z	0	0	0	0	0	0

#### LEGENDA:

Id<sub>Nd</sub> Identificativo del nodo.  
 Dir Direzione del sisma.  
 F<sub>x</sub>, F<sub>y</sub>, F<sub>z</sub>, M<sub>x</sub>, M<sub>y</sub>, M<sub>z</sub> Reazioni vincolari relative al sistema di riferimento globale X, Y, Z.

### NODI - REAZIONI VINCOLARI ESTERNE PER ECCENTRICITÀ ACCIDENTALE

Nodi - Reazioni vincolari esterne per eccentricità accidentale								
Id <sub>Nd</sub>	Dir	e	F <sub>x</sub> [N]	F <sub>y</sub> [N]	F <sub>z</sub> [N]	M <sub>x</sub> [N-m]	M <sub>y</sub> [N-m]	M <sub>z</sub> [N-m]
00009	X	+	0	0	0	0	0	0
00009	X	-	0	0	0	0	0	0
00009	Y	+	0	0	0	0	0	0
00009	Y	-	0	0	0	0	0	0
00010	X	+	0	0	0	0	0	0
00010	X	-	0	0	0	0	0	0
00010	Y	+	0	0	0	0	0	0
00010	Y	-	0	0	0	0	0	0
00011	X	+	0	0	0	0	0	0
00011	X	-	0	0	0	0	0	0
00011	Y	+	0	0	0	0	0	0
00011	Y	-	0	0	0	0	0	0
00012	X	+	0	0	0	0	0	0
00012	X	-	0	0	0	0	0	0
00012	Y	+	0	0	0	0	0	0
00012	Y	-	0	0	0	0	0	0
00013	X	+	0	0	0	0	0	0
00013	X	-	0	0	0	0	0	0
00013	Y	+	0	0	0	0	0	0
00013	Y	-	0	0	0	0	0	0
00014	X	+	0	0	0	0	0	0
00014	X	-	0	0	0	0	0	0
00014	Y	+	0	0	0	0	0	0
00014	Y	-	0	0	0	0	0	0



Nodi - Reazioni vincolari esterne per eccentricità accidentale

Id <sub>Nd</sub>	Dir	e	F <sub>x</sub> [N]	F <sub>y</sub> [N]	F <sub>z</sub> [N]	M <sub>x</sub> [N-m]	M <sub>y</sub> [N-m]	M <sub>z</sub> [N-m]
00015	X	+	0	0	0	0	0	0
00015	X	-	0	0	0	0	0	0
00015	Y	+	0	0	0	0	0	0
00015	Y	-	0	0	0	0	0	0
00016	X	+	0	0	0	0	0	0
00016	X	-	0	0	0	0	0	0
00016	Y	+	0	0	0	0	0	0
00016	Y	-	0	0	0	0	0	0
00074	X	+	0	0	0	0	0	0
00074	X	-	0	0	0	0	0	0
00074	Y	+	0	0	0	0	0	0
00074	Y	-	0	0	0	0	0	0
00075	X	+	0	0	0	0	0	0
00075	X	-	0	0	0	0	0	0
00075	Y	+	0	0	0	0	0	0
00075	Y	-	0	0	0	0	0	0
00076	X	+	0	0	0	0	0	0
00076	X	-	0	0	0	0	0	0
00076	Y	+	0	0	0	0	0	0
00076	Y	-	0	0	0	0	0	0
00077	X	+	0	0	0	0	0	0
00077	X	-	0	0	0	0	0	0
00077	Y	+	0	0	0	0	0	0
00077	Y	-	0	0	0	0	0	0
00078	X	+	0	0	0	0	0	0
00078	X	-	0	0	0	0	0	0
00078	Y	+	0	0	0	0	0	0
00078	Y	-	0	0	0	0	0	0
00079	X	+	0	0	0	0	0	0
00079	X	-	0	0	0	0	0	0
00079	Y	+	0	0	0	0	0	0
00079	Y	-	0	0	0	0	0	0
00080	X	+	0	0	0	0	0	0
00080	X	-	0	0	0	0	0	0
00080	Y	+	0	0	0	0	0	0
00080	Y	-	0	0	0	0	0	0
00081	X	+	0	0	0	0	0	0
00081	X	-	0	0	0	0	0	0
00081	Y	+	0	0	0	0	0	0
00081	Y	-	0	0	0	0	0	0
00082	X	+	0	0	0	0	0	0
00082	X	-	0	0	0	0	0	0
00082	Y	+	0	0	0	0	0	0
00082	Y	-	0	0	0	0	0	0
00083	X	+	0	0	0	0	0	0
00083	X	-	0	0	0	0	0	0
00083	Y	+	0	0	0	0	0	0
00083	Y	-	0	0	0	0	0	0
00084	X	+	0	0	0	0	0	0
00084	X	-	0	0	0	0	0	0
00084	Y	+	0	0	0	0	0	0
00084	Y	-	0	0	0	0	0	0
00085	X	+	0	0	0	0	0	0
00085	X	-	0	0	0	0	0	0
00085	Y	+	0	0	0	0	0	0
00085	Y	-	0	0	0	0	0	0
00086	X	+	0	0	0	0	0	0
00086	X	-	0	0	0	0	0	0
00086	Y	+	0	0	0	0	0	0
00086	Y	-	0	0	0	0	0	0
00087	X	+	0	0	0	0	0	0
00087	X	-	0	0	0	0	0	0
00087	Y	+	0	0	0	0	0	0
00087	Y	-	0	0	0	0	0	0
00088	X	+	0	0	0	0	0	0
00088	X	-	0	0	0	0	0	0
00088	Y	+	0	0	0	0	0	0
00088	Y	-	0	0	0	0	0	0
00089	X	+	0	0	0	0	0	0
00089	X	-	0	0	0	0	0	0
00089	Y	+	0	0	0	0	0	0
00089	Y	-	0	0	0	0	0	0
00103	X	+	0	0	0	0	0	0
00103	X	-	0	0	0	0	0	0



Nodi - Reazioni vincolari esterne per eccentricità accidentale

Id <sub>Nd</sub>	Dir	e	F <sub>x</sub> [N]	F <sub>y</sub> [N]	F <sub>z</sub> [N]	M <sub>x</sub> [N-m]	M <sub>y</sub> [N-m]	M <sub>z</sub> [N-m]
00103	Y	+	0	0	0	0	0	0
00103	Y	-	0	0	0	0	0	0
00104	X	+	0	0	0	0	0	0
00104	X	-	0	0	0	0	0	0
00104	Y	+	0	0	0	0	0	0
00104	Y	-	0	0	0	0	0	0
00105	X	+	0	0	0	0	0	0
00105	X	-	0	0	0	0	0	0
00105	Y	+	0	0	0	0	0	0
00105	Y	-	0	0	0	0	0	0
00106	X	+	0	0	0	0	0	0
00106	X	-	0	0	0	0	0	0
00106	Y	+	0	0	0	0	0	0
00106	Y	-	0	0	0	0	0	0
00107	X	+	0	0	0	0	0	0
00107	X	-	0	0	0	0	0	0
00107	Y	+	0	0	0	0	0	0
00107	Y	-	0	0	0	0	0	0
00108	X	+	0	0	0	0	0	0
00108	X	-	0	0	0	0	0	0
00108	Y	+	0	0	0	0	0	0
00108	Y	-	0	0	0	0	0	0
00109	X	+	0	0	0	0	0	0
00109	X	-	0	0	0	0	0	0
00109	Y	+	0	0	0	0	0	0
00109	Y	-	0	0	0	0	0	0
00110	X	+	0	0	0	0	0	0
00110	X	-	0	0	0	0	0	0
00110	Y	+	0	0	0	0	0	0
00110	Y	-	0	0	0	0	0	0
00111	X	+	0	0	0	0	0	0
00111	X	-	0	0	0	0	0	0
00111	Y	+	0	0	0	0	0	0
00111	Y	-	0	0	0	0	0	0
00112	X	+	0	0	0	0	0	0
00112	X	-	0	0	0	0	0	0
00112	Y	+	0	0	0	0	0	0
00112	Y	-	0	0	0	0	0	0
00113	X	+	0	0	0	0	0	0
00113	X	-	0	0	0	0	0	0
00113	Y	+	0	0	0	0	0	0
00113	Y	-	0	0	0	0	0	0
00114	X	+	0	0	0	0	0	0
00114	X	-	0	0	0	0	0	0
00114	Y	+	0	0	0	0	0	0
00114	Y	-	0	0	0	0	0	0
00122	X	+	0	0	0	0	0	0
00122	X	-	0	0	0	0	0	0
00122	Y	+	0	0	0	0	0	0
00122	Y	-	0	0	0	0	0	0
00123	X	+	0	0	0	0	0	0
00123	X	-	0	0	0	0	0	0
00123	Y	+	0	0	0	0	0	0
00123	Y	-	0	0	0	0	0	0
00124	X	+	0	0	0	0	0	0
00124	X	-	0	0	0	0	0	0
00124	Y	+	0	0	0	0	0	0
00124	Y	-	0	0	0	0	0	0

LEGENDA:

**Id<sub>Nd</sub>** Identificativo del nodo.  
**Dir** Direzione del sisma.  
**e** Segno dell'eccentricità accidentale.  
**F<sub>x</sub>, F<sub>y</sub>, F<sub>z</sub>** Reazioni vincolari relative al sistema di riferimento globale X, Y, Z.  
**M<sub>x</sub>, M<sub>y</sub>, M<sub>z</sub>**

**EDIFICIO - VERIFICHE ALLO SLE DEGLI SPOSTAMENTI LATERALI RISPETTO ALL'ALTEZZA DELL'EDIFICIO**

Edificio - Verifiche allo SLE degli spostamenti laterali rispetto all'altezza dell'edificio					
Direzione X			Direzione Y		
CS	δ <sub>max</sub> [cm]	δ <sub>amm</sub> [cm]	CS	δ <sub>max</sub> [cm]	δ <sub>amm</sub> [cm]



Edificio - Verifiche allo SLE degli spostamenti laterali rispetto all'altezza dell'edificio					
Direzione X			Direzione Y		
CS	$\delta_{max}$ [cm]	$\delta_{amm}$ [cm]	CS	$\delta_{max}$ [cm]	$\delta_{amm}$ [cm]
-	0.0000	1.2080	-	0.0000	1.2080

#### LEGENDA:

**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).

$\delta_{max}$  Spostamento allo SLE.

$\delta_{amm}$  Spostamento Differenziale ammissibile.

### TRAVI (AC) - VERIFICHE A TRAZIONE (Elevazione)

Travi (AC) - Verifiche a trazione						
$Id_{Tr}$	% $L_{Li}$ [%]	$N_{Ed}$ [N]	CS	$A_{net}$ [mm <sup>2</sup> ]	$N_{pl,Rd}$ [N]	$N_{u,Rd}$ [N]
Piano copertura						
Trave Acciaio 5-6	0%	5,290	15.55	314	82,238	97,214
	100%	5,253	15.66	314	82,238	97,214
Trave Acciaio 3-2	0%	4,705	17.48	314	82,238	97,214
	100%	4,743	17.34	314	82,238	97,214

#### 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.

**$N_{Ed}$**  Sforzo normale di progetto.

**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).

**$A_{net}$**  Area netta della sezione di verifica.

**$N_{pl,Rd}$**  Resistenza plastica a Sforzo Normale.

**$N_{u,Rd}$**  Resistenza a rottura della sezione netta.

### TRAVI (AC) - VERIFICHE A PRESSOFLESSIONE (Elevazione) allo SLU

Travi (AC) - Verifiche a pressoflessione												
$Id_{Tr}$	% $L_{Li}$ [%]	$N_{Ed}$ [N]	$V_{Ed}$ [N]	$M_{Ed,3}$ [N-m]	CS	Tp Vr	$M_{c,Rd}$ [N-m]	$V_{c,Rd}$ [N]	$\rho$	$A_v$ [mm <sup>2</sup> ]	$t_w$ [mm]	$N_{pl,Rd}$ [N]
Piano copertura												
Trave Acciaio 2-5	0%	-203	2,575	1,682	11.29	PLS	18,994	133,682	0.000	884	7.00	453,115
	25%	-203	2,429	816	23.28	PLS	18,994	133,682	0.000	884	7.00	453,115
	50%	-759	45	70	79.71	PLS	5,579	174,811	0.000	1,156	9.00	453,115
	75%	-203	2,137	813	23.36	PLS	18,994	133,682	0.000	884	7.00	453,115
	100%	-203	1,991	1,676	11.33	PLS	18,994	133,682	0.000	884	7.00	453,115
Trave Acciaio 7a-2	0%	931	959	875	21.71	PLS	18,992	133,682	0.000	884	7.00	453,115
	25%	1,781	-1,343	535	35.50	PLS	18,990	133,682	0.000	884	7.00	453,115
	50%	1,781	-1,372	607	31.28	PLS	18,990	133,682	0.000	884	7.00	453,115
	75%	931	893	794	23.92	PLS	18,992	133,682	0.000	884	7.00	453,115
	100%	931	872	1,283	14.80	PLS	18,992	133,682	0.000	884	7.00	453,115
Trave Acciaio 4-5	0%	888	1,471	1,155	16.44	PLS	18,993	133,682	0.000	884	7.00	453,115
	25%	888	1,315	645	29.45	PLS	18,993	133,682	0.000	884	7.00	453,115
	50%	-141	24	105	52.37	PLS	5,499	174,811	0.000	1,156	9.00	453,115
	75%	888	1,002	549	34.59	PLS	18,993	133,682	0.000	884	7.00	453,115
	100%	888	846	1,232	15.42	PLS	18,993	133,682	0.000	884	7.00	453,115
Trave Acciaio 4-5	0%	522	-2,893	1,968	9.65	PLS	18,994	133,682	0.000	884	7.00	453,115
	25%	522	-3,096	867	21.91	PLS	18,994	133,682	0.000	884	7.00	453,115
	50%	559	-3,315	343	55.37	PLS	18,994	133,682	0.000	884	7.00	453,115
	75%	559	-3,518	1,597	11.89	PLS	18,994	133,682	0.000	884	7.00	453,115
	100%	559	-3,721	2,927	6.49	PLS	18,994	133,682	0.000	884	7.00	453,115
Trave Acciaio 2-5	0%	752	2,615	1,800	10.55	PLS	18,993	133,682	0.000	884	7.00	453,115
	25%	752	2,557	968	19.62	PLS	18,993	133,682	0.000	884	7.00	453,115
	50%	560	-260	334	56.87	PLS	18,994	133,682	0.000	884	7.00	453,115
	75%	752	2,442	964	19.70	PLS	18,993	133,682	0.000	884	7.00	453,115
	100%	752	2,383	1,798	10.56	PLS	18,993	133,682	0.000	884	7.00	453,115
Trave Acciaio 8a-2	0%	725	-3,814	2,252	8.43	PLS	18,993	133,682	0.000	884	7.00	453,115
	25%	725	-3,842	2,448	7.76	PLS	18,993	133,682	0.000	884	7.00	453,115
	50%	725	-3,871	2,648	7.17	PLS	18,993	133,682	0.000	884	7.00	453,115
	75%	725	-3,899	2,847	6.67	PLS	18,993	133,682	0.000	884	7.00	453,115
	100%	725	-3,927	3,048	6.23	PLS	18,993	133,682	0.000	884	7.00	453,115
Trave Acciaio 1-4	0%	-33	1,629	957	19.85	PLS	18,995	133,682	0.000	884	7.00	453,115
	25%	-33	1,483	522	36.39	PLS	18,995	133,682	0.000	884	7.00	453,115
	50%	-55	-290	168	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	75%	-33	1,191	516	36.81	PLS	18,995	133,682	0.000	884	7.00	453,115
	100%	-33	1,045	961	19.77	PLS	18,995	133,682	0.000	884	7.00	453,115
Trave Acciaio 9a-2	0%	-1,212	-1,649	534	35.56	PLS	18,988	133,682	0.000	884	7.00	453,115
	25%	-1,212	-1,677	618	30.73	PLS	18,988	133,682	0.000	884	7.00	453,115
	50%	-1,212	-1,706	708	26.82	PLS	18,988	133,682	0.000	884	7.00	453,115
	75%	-1,212	-1,735	795	23.88	PLS	18,988	133,682	0.000	884	7.00	453,115



Travi (AC) - Verifiche a pressoflessione												
Id <sub>Tr</sub>	%L <sub>L</sub>	N <sub>Ed</sub>	V <sub>Ed</sub>	M <sub>Ed,3</sub>	CS	Tp Vr	M <sub>C,Rd</sub>	V <sub>C,Rd</sub>	ρ	A <sub>v</sub>	t <sub>w</sub>	N <sub>pl,Rd</sub>
	[%]	[N]	[N]	[N-m]			[N-m]	[N]		[mm <sup>2</sup> ]	[mm]	[N]
Trave Acciaio 4-5	100%	-1,212	-1,762	883	21.50	PLS	18,988	133,682	0.000	884	7.00	453,115
	0%	-1,130	-951	1,089	17.44	PLS	18,989	133,682	0.000	884	7.00	453,115
	25%	-1,130	-1,154	705	26.93	PLS	18,989	133,682	0.000	884	7.00	453,115
	50%	-1,247	-1,307	244	77.82	PLS	18,988	133,682	0.000	884	7.00	453,115
	75%	-889	38	341	55.69	PLS	18,990	133,682	0.000	884	7.00	453,115
Trave Acciaio 1-4	100%	-1,130	-1,763	902	21.05	PLS	18,989	133,682	0.000	884	7.00	453,115
	0%	-386	1,374	880	21.58	PLS	18,993	133,682	0.000	884	7.00	453,115
	25%	-386	1,317	470	40.41	PLS	18,993	133,682	0.000	884	7.00	453,115
	50%	142	353	116	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	75%	-386	1,202	466	40.76	PLS	18,993	133,682	0.000	884	7.00	453,115
Trave Acciaio 4-5	100%	-386	1,143	882	21.53	PLS	18,993	133,682	0.000	884	7.00	453,115
	0%	2,276	-2,886	2,054	9.24	PLS	18,989	133,682	0.000	884	7.00	453,115
	25%	2,276	-3,089	956	19.86	PLS	18,989	133,682	0.000	884	7.00	453,115
	50%	2,170	-3,149	219	86.71	PLS	18,989	133,682	0.000	884	7.00	453,115
	75%	2,276	-3,495	1,461	13.00	PLS	18,989	133,682	0.000	884	7.00	453,115
Trave Acciaio 2-5	100%	2,276	-3,698	2,785	6.82	PLS	18,989	133,682	0.000	884	7.00	453,115
	0%	-474	1,273	840	22.61	PLS	18,992	133,682	0.000	884	7.00	453,115
	25%	-474	1,227	460	41.29	PLS	18,992	133,682	0.000	884	7.00	453,115
	50%	-1,260	-132	166	NS	PLS	18,988	133,682	0.000	884	7.00	453,115
	75%	-474	1,136	456	41.65	PLS	18,992	133,682	0.000	884	7.00	453,115
Trave Acciaio 4-5	100%	-474	1,090	841	22.58	PLS	18,992	133,682	0.000	884	7.00	453,115
	0%	-3,446	-1,445	1,309	14.50	PLS	18,975	133,682	0.000	884	7.00	453,115
	25%	-3,455	-1,635	741	25.61	PLS	18,975	133,682	0.000	884	7.00	453,115
	50%	-2,921	-12	47	NS	PLS	5,471	174,811	0.000	1,156	9.00	453,115
	75%	-3,446	-2,055	619	30.65	PLS	18,975	133,682	0.000	884	7.00	453,115
Trave Acciaio 2-5	100%	-3,446	-2,258	1,408	13.48	PLS	18,975	133,682	0.000	884	7.00	453,115
	0%	445	631	433	43.87	PLS	18,994	133,682	0.000	884	7.00	453,115
	25%	445	585	224	84.79	PLS	18,994	133,682	0.000	884	7.00	453,115
	50%	1,265	-25	49	NS	PLS	5,575	174,811	0.000	1,156	9.00	453,115
	75%	445	494	214	88.76	PLS	18,994	133,682	0.000	884	7.00	453,115
Trave Acciaio 11a-2	100%	445	448	414	45.88	PLS	18,994	133,682	0.000	884	7.00	453,115
	0%	-3,295	-2,121	925	20.51	PLS	18,976	133,682	0.000	884	7.00	453,115
	25%	-3,295	-2,149	1,033	18.37	PLS	18,976	133,682	0.000	884	7.00	453,115
	50%	-3,295	-2,178	1,148	16.53	PLS	18,976	133,682	0.000	884	7.00	453,115
	75%	-3,295	-2,206	1,259	15.07	PLS	18,976	133,682	0.000	884	7.00	453,115
Trave Acciaio 1-4	100%	-3,295	-2,234	1,374	13.81	PLS	18,976	133,682	0.000	884	7.00	453,115
	0%	-260	860	460	41.29	PLS	18,994	133,682	0.000	884	7.00	453,115
	25%	-260	714	215	88.34	PLS	18,994	133,682	0.000	884	7.00	453,115
	50%	-270	3	31	NS	PLS	5,504	174,811	0.000	1,156	9.00	453,115
	75%	-260	422	207	91.76	PLS	18,994	133,682	0.000	884	7.00	453,115
Trave Acciaio 4-5	100%	-260	276	475	39.99	PLS	18,994	133,682	0.000	884	7.00	453,115
	0%	162	-318	346	54.90	PLS	18,995	133,682	0.000	884	7.00	453,115
	25%	343	-160	266	71.41	PLS	18,994	133,682	0.000	884	7.00	453,115
	50%	322	-329	142	NS	PLS	18,994	133,682	0.000	884	7.00	453,115
	75%	107	-652	192	98.93	PLS	18,995	133,682	0.000	884	7.00	453,115
Trave Acciaio 2-5	100%	288	-1,324	560	33.92	PLS	18,994	133,682	0.000	884	7.00	453,115
	0%	-178	324	189	NS	PLS	18,994	133,682	0.000	884	7.00	453,115
	25%	-178	278	84	NS	PLS	18,994	133,682	0.000	884	7.00	453,115
	50%	-347	-32	27	NS	PLS	5,589	174,811	0.000	1,156	9.00	453,115
	75%	-347	-14	37	NS	PLS	5,589	174,811	0.000	1,156	9.00	453,115
Trave Acciaio 1-2	100%	-178	141	189	NS	PLS	18,994	133,682	0.000	884	7.00	453,115
	0%	171	-303	328	57.91	PLS	18,995	133,682	0.000	884	7.00	453,115
	25%	352	-144	254	74.78	PLS	18,994	133,682	0.000	884	7.00	453,115
	50%	318	-286	135	NS	PLS	18,994	133,682	0.000	884	7.00	453,115
	75%	109	-634	191	99.45	PLS	18,995	133,682	0.000	884	7.00	453,115
Trave Acciaio 1-4	100%	290	-1,306	554	34.29	PLS	18,994	133,682	0.000	884	7.00	453,115
	0%	193	321	162	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	25%	193	275	100	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	50%	417	-3	22	NS	PLS	5,498	174,811	0.000	1,156	9.00	453,115
	75%	193	184	100	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
Trave Acciaio 6a-18a	100%	193	138	167	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	0%	-	32	3	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	25%	-4	19	1	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	50%	-4	12	1	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	75%	-4	6	1	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
Trave Acciaio 1-6a	100%	-4	-	1	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	0%	-3,295	-1,358	1,269	14.95	PLS	18,976	133,682	0.000	884	7.00	453,115
	25%	-3,295	-1,386	1,199	15.83	PLS	18,976	133,682	0.000	884	7.00	453,115
	50%	-3,328	-1,400	1,124	16.88	PLS	18,976	133,682	0.000	884	7.00	453,115
	75%	-3,328	-1,428	1,050	18.07	PLS	18,976	133,682	0.000	884	7.00	453,115
Trave Acciaio 5a-17a	100%	-3,328	-1,458	975	19.46	PLS	18,976	133,682	0.000	884	7.00	453,115
	0%	-	32	3	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	25%	-4	19	1	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	50%	-4	12	1	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	75%	-4	6	1	NS	PLS	18,995	133,682	0.000	884	7.00	453,115



Travi (AC) - Verifiche a pressoflessione												
Id <sub>Tr</sub>	%L <sub>L1</sub>	N <sub>Ed</sub>	V <sub>Ed</sub>	M <sub>Ed,3</sub>	CS	Tp Vr	M <sub>C,Rd</sub>	V <sub>C,Rd</sub>	ρ	A <sub>v</sub>	t <sub>w</sub>	N <sub>pl,Rd</sub>
	[%]	[N]	[N]	[N-m]			[N-m]	[N]		[mm <sup>2</sup> ]	[mm]	[N]
Trave Acciaio 1-5a	100%	-4	-	1	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	0%	2,062	-2,947	2,100	9.04	PLS	18,989	133,682	0.000	884	7.00	453,115
	25%	2,062	-2,975	1,948	9.75	PLS	18,989	133,682	0.000	884	7.00	453,115
	50%	2,062	-3,004	1,793	10.59	PLS	18,989	133,682	0.000	884	7.00	453,115
	75%	2,062	-3,032	1,634	11.62	PLS	18,989	133,682	0.000	884	7.00	453,115
Trave Acciaio 4a-16a	100%	2,062	-3,062	1,479	12.84	PLS	18,989	133,682	0.000	884	7.00	453,115
	0%	-	32	3	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	25%	-	19	1	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	50%	-	12	1	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	75%	-	6	1	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
Trave Acciaio 1-4a	100%	-	-	1	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	0%	-1,215	-882	1,058	17.95	PLS	18,988	133,682	0.000	884	7.00	453,115
	25%	-1,215	-910	1,013	18.74	PLS	18,988	133,682	0.000	884	7.00	453,115
	50%	-1,215	-939	964	19.70	PLS	18,988	133,682	0.000	884	7.00	453,115
	75%	-1,215	-968	914	20.77	PLS	18,988	133,682	0.000	884	7.00	453,115
Trave Acciaio 3a-15a	100%	-1,215	-998	866	21.93	PLS	18,988	133,682	0.000	884	7.00	453,115
	0%	-	32	3	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	25%	-	19	1	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	50%	-	12	1	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	75%	-	6	1	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
Trave Acciaio 1-3a	100%	-	-	1	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	0%	546	-3,024	2,089	9.09	PLS	18,994	133,682	0.000	884	7.00	453,115
	25%	546	-3,053	1,933	9.83	PLS	18,994	133,682	0.000	884	7.00	453,115
	50%	546	-3,082	1,771	10.72	PLS	18,994	133,682	0.000	884	7.00	453,115
	75%	546	-3,110	1,610	11.80	PLS	18,994	133,682	0.000	884	7.00	453,115
Trave Acciaio 2a-14a	100%	546	-3,140	1,451	13.09	PLS	18,994	133,682	0.000	884	7.00	453,115
	0%	-	32	3	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	25%	-	19	1	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	50%	-	12	1	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	75%	-	6	1	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
Trave Acciaio 1-2a	100%	-	-	1	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	0%	931	1,546	1,201	15.81	PLS	18,992	133,682	0.000	884	7.00	453,115
	25%	931	1,524	750	25.32	PLS	18,992	133,682	0.000	884	7.00	453,115
	50%	1,781	-609	648	29.31	PLS	18,990	133,682	0.000	884	7.00	453,115
	75%	1,781	-637	613	30.98	PLS	18,990	133,682	0.000	884	7.00	453,115
Trave Acciaio 7a-19a	100%	931	1,457	913	20.80	PLS	18,992	133,682	0.000	884	7.00	453,115
	0%	-	32	3	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	25%	-	19	1	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	50%	-	12	1	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	75%	-	6	1	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
Trave Acciaio 2a-7a	100%	-	-	1	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	0%	931	1,433	913	20.80	PLS	18,992	133,682	0.000	884	7.00	453,115
	25%	931	1,321	509	37.31	PLS	18,992	133,682	0.000	884	7.00	453,115
	50%	2,052	-387	163	NS	PLS	18,989	133,682	0.000	884	7.00	453,115
	75%	931	1,097	388	48.95	PLS	18,992	133,682	0.000	884	7.00	453,115
Trave Acciaio 8a-20a	100%	931	983	875	21.71	PLS	18,992	133,682	0.000	884	7.00	453,115
	0%	-	32	3	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	25%	-	19	1	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	50%	-	12	1	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	75%	-	6	1	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
Trave Acciaio 3a-8a	100%	-	-	1	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	0%	546	-3,171	1,451	13.09	PLS	18,994	133,682	0.000	884	7.00	453,115
	25%	546	-3,317	592	32.08	PLS	18,994	133,682	0.000	884	7.00	453,115
	50%	702	-3,390	330	57.55	PLS	18,993	133,682	0.000	884	7.00	453,115
	75%	714	-3,641	1,271	14.94	PLS	18,993	133,682	0.000	884	7.00	453,115
Trave Acciaio 9a-21a	100%	714	-3,789	2,251	8.44	PLS	18,993	133,682	0.000	884	7.00	453,115
	0%	-	32	3	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	25%	-2	19	1	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	50%	-2	12	1	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	75%	-2	6	1	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
Trave Acciaio 4a-9a	100%	-2	-	1	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	0%	-1,212	-1,033	867	21.90	PLS	18,988	133,682	0.000	884	7.00	453,115
	25%	-1,212	-1,178	575	33.02	PLS	18,988	133,682	0.000	884	7.00	453,115
	50%	-1,375	-1,258	247	76.87	PLS	18,987	133,682	0.000	884	7.00	453,115
	75%	-940	25	212	89.57	PLS	18,990	133,682	0.000	884	7.00	453,115
Trave Acciaio 10a-22a	100%	-1,212	-1,618	534	35.56	PLS	18,988	133,682	0.000	884	7.00	453,115
	0%	-	32	3	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	25%	-2	19	1	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	50%	-2	12	1	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	75%	-2	6	1	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
Trave Acciaio 5a-10a	100%	-2	-	1	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	0%	2,062	-3,094	1,478	12.85	PLS	18,989	133,682	0.000	884	7.00	453,115
	25%	2,062	-3,239	640	29.67	PLS	18,989	133,682	0.000	884	7.00	453,115
	50%	1,962	-3,236	234	81.15	PLS	18,989	133,682	0.000	884	7.00	453,115
	75%	2,062	-3,530	1,149	16.53	PLS	18,989	133,682	0.000	884	7.00	453,115



Travi (AC) - Verifiche a pressoflessione												
Id <sub>Tr</sub>	%L <sub>L1</sub> [%]	N <sub>Ed</sub> [N]	V <sub>Ed</sub> [N]	M <sub>Ed,3</sub> [N-m]	CS	Tp Vr	M <sub>C,Rd</sub> [N-m]	V <sub>C,Rd</sub> [N]	ρ	A <sub>v</sub> [mm <sup>2</sup> ]	t <sub>w</sub> [mm]	N <sub>pl,Rd</sub> [N]
Trave Acciaio 11a-23a	100%	2,062	-3,679	2,097	9.06	PLS	18,989	133,682	0.000	884	7.00	453,115
	0%	-	32	3	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	25%	-2	19	1	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	50%	-2	12	1	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	75%	-2	6	1	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
Trave Acciaio 6a-11a	100%	-2	-	1	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	0%	-3,328	-1,489	973	19.50	PLS	18,976	133,682	0.000	884	7.00	453,115
	25%	-3,328	-1,635	562	33.77	PLS	18,976	133,682	0.000	884	7.00	453,115
	50%	-3,295	39	33	NS	PLS	5,555	174,811	0.000	1,156	9.00	453,115
	75%	-3,295	-1,941	395	48.04	PLS	18,976	133,682	0.000	884	7.00	453,115
Trave Acciaio 3-6	100%	-3,295	-2,089	925	20.51	PLS	18,976	133,682	0.000	884	7.00	453,115
	0%	-15	210	31	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	25%	-10	87	46	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	50%	-15	-2	71	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	75%	-10	-85	47	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
Trave Acciaio 24a-6	100%	-15	-213	34	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	0%	-6	1,619	470	40.42	PLS	18,995	133,682	0.000	884	7.00	453,115
	25%	-	1,740	744	25.53	PLS	18,995	133,682	0.000	884	7.00	453,115
	50%	-	94	973	19.52	PLS	18,995	133,682	0.000	884	7.00	453,115
	75%	-	-1,810	752	25.26	PLS	18,995	133,682	0.000	884	7.00	453,115
Trave Acciaio 12a-3	100%	1	-3,655	33	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	0%	-12	1,675	507	37.47	PLS	18,995	133,682	0.000	884	7.00	453,115
	25%	-1	1,888	694	27.37	PLS	18,995	133,682	0.000	884	7.00	453,115
	50%	-1	111	965	19.68	PLS	18,995	133,682	0.000	884	7.00	453,115
	75%	-1	-1,740	762	24.93	PLS	18,995	133,682	0.000	884	7.00	453,115
Trave Acciaio 1a-1	100%	-1	-3,580	42	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	0%	-5,852	2,774	337	56.27	PLS	18,961	133,682	0.000	884	7.00	453,115
	25%	-2	-727	61	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	50%	-5,852	2,435	418	45.36	PLS	18,961	133,682	0.000	884	7.00	453,115
	75%	-5,852	2,167	836	22.68	PLS	18,961	133,682	0.000	884	7.00	453,115
Trave Acciaio 1a-26a	100%	-5,852	1,937	1,283	14.78	PLS	18,961	133,682	0.000	884	7.00	453,115
	0%	94	7	12	NS	PLS	5,501	174,811	0.000	1,156	9.00	453,115
	25%	61	295	171	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	50%	-52	30	243	78.17	PLS	18,995	133,682	0.000	884	7.00	453,115
	75%	-52	-279	191	99.45	PLS	18,995	133,682	0.000	884	7.00	453,115
Trave Acciaio 26a-4	100%	-52	6	9	NS	PLS	5,503	174,811	0.000	1,156	9.00	453,115
	0%	-4,634	2,764	266	71.31	PLS	18,968	133,682	0.000	884	7.00	453,115
	25%	-1	107	19	NS	PLS	5,502	174,811	0.000	1,156	9.00	453,115
	50%	-4,634	2,432	341	55.63	PLS	18,968	133,682	0.000	884	7.00	453,115
	75%	-4,634	2,223	670	28.31	PLS	18,968	133,682	0.000	884	7.00	453,115
Trave Acciaio 13a-3	100%	-4,634	2,053	1,018	18.63	PLS	18,968	133,682	0.000	884	7.00	453,115
	0%	4,072	2,388	1,984	9.57	PLS	18,983	133,682	0.000	884	7.00	453,115
	25%	4,072	2,224	1,370	13.86	PLS	18,983	133,682	0.000	884	7.00	453,115
	50%	3,737	1,944	817	23.24	PLS	18,984	133,682	0.000	884	7.00	453,115
	75%	3,532	1,825	314	60.46	PLS	18,985	133,682	0.000	884	7.00	453,115
Trave Acciaio 25a-6	100%	4,081	1,705	192	98.87	PLS	18,983	133,682	0.000	884	7.00	453,115
	0%	4,518	2,295	1,825	10.40	PLS	18,982	133,682	0.000	884	7.00	453,115
	25%	4,518	2,135	1,249	15.20	PLS	18,982	133,682	0.000	884	7.00	453,115
	50%	4,140	1,867	741	25.62	PLS	18,983	133,682	0.000	884	7.00	453,115
	75%	3,921	1,756	271	70.05	PLS	18,984	133,682	0.000	884	7.00	453,115
Trave Acciaio 3-6	100%	4,531	1,615	208	91.26	PLS	18,982	133,682	0.000	884	7.00	453,115
	0%	39	51	44	NS	PLS	5,587	174,811	0.000	1,156	9.00	453,115
	25%	39	51	23	NS	PLS	5,587	174,811	0.000	1,156	9.00	453,115
	50%	110	-	86	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	75%	39	51	22	NS	PLS	5,587	174,811	0.000	1,156	9.00	453,115
Trave Acciaio 10a-2	100%	39	51	45	NS	PLS	5,587	174,811	0.000	1,156	9.00	453,115
	0%	2,062	-3,710	2,100	9.04	PLS	18,989	133,682	0.000	884	7.00	453,115
	25%	2,062	-3,719	2,291	8.29	PLS	18,989	133,682	0.000	884	7.00	453,115
	50%	2,062	-3,728	2,485	7.64	PLS	18,989	133,682	0.000	884	7.00	453,115
	75%	2,062	-3,737	2,677	7.09	PLS	18,989	133,682	0.000	884	7.00	453,115
Trave Acciaio 12a-24a	100%	2,062	-3,745	2,869	6.62	PLS	18,989	133,682	0.000	884	7.00	453,115
	0%	19	238	34	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	25%	65	251	159	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	50%	65	-	213	89.18	PLS	18,995	133,682	0.000	884	7.00	453,115
	75%	65	-250	160	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
Trave Acciaio 5-24a	100%	19	-175	35	NS	PLS	18,995	133,682	0.000	884	7.00	453,115
	0%	2	11,518	8,178	2.32	PLS	18,995	133,682	0.000	884	7.00	453,115
	25%	2	9,729	5,410	3.51	PLS	18,995	133,682	0.000	884	7.00	453,115
	50%	2	7,822	3,133	6.06	PLS	18,995	133,682	0.000	884	7.00	453,115
	75%	2	5,916	1,355	14.02	PLS	18,995	133,682	0.000	884	7.00	453,115
Trave Acciaio 2-12a	100%	-968	2,769	493	38.52	PLS	18,990	133,682	0.000	884	7.00	453,115
	0%	5	11,731	8,524	2.23	PLS	18,995	133,682	0.000	884	7.00	453,115
	25%	5	9,943	5,700	3.33	PLS	18,995	133,682	0.000	884	7.00	453,115



Travi (AC) - Verifiche a pressoflessione												
Id <sub>Tr</sub>	%L <sub>LI</sub> [%]	N <sub>Ed</sub> [N]	V <sub>Ed</sub> [N]	M <sub>Ed,3</sub> [N-m]	CS	Tp Vr	M <sub>c,Rd</sub> [N-m]	V <sub>c,Rd</sub> [N]	ρ	A <sub>v</sub> [mm <sup>2</sup> ]	t <sub>w</sub> [mm]	N <sub>pl,Rd</sub> [N]
Trave Acciaio 13a-25a	50%	5	8,036	3,373	5.63	PLS	18,995	133,682	0.000	884	7.00	453,115
	75%	5	6,129	1,536	12.37	PLS	18,995	133,682	0.000	884	7.00	453,115
	100%	-1,073	2,845	529	35.90	PLS	18,989	133,682	0.000	884	7.00	453,115
	0%	-50	89	71	78.68	PLS	5,586	174,811	0.000	1,156	9.00	453,115
	25%	-50	89	35	NS	PLS	5,586	174,811	0.000	1,156	9.00	453,115
	50%	-120	-	77	NS	PLS	18,994	133,682	0.000	884	7.00	453,115
	75%	-50	89	35	NS	PLS	5,586	174,811	0.000	1,156	9.00	453,115
Trave Acciaio 5-25a	100%	-50	89	72	77.59	PLS	5,586	174,811	0.000	1,156	9.00	453,115
	0%	4,517	3,133	4,720	4.02	PLS	18,982	133,682	0.000	884	7.00	453,115
	25%	4,517	2,968	3,931	4.83	PLS	18,982	133,682	0.000	884	7.00	453,115
	50%	4,517	2,792	3,183	5.96	PLS	18,982	133,682	0.000	884	7.00	453,115
Trave Acciaio 2-13a	75%	4,517	2,617	2,483	7.64	PLS	18,982	133,682	0.000	884	7.00	453,115
	100%	4,517	2,456	1,829	10.38	PLS	18,982	133,682	0.000	884	7.00	453,115
	0%	4,081	3,228	4,981	3.81	PLS	18,983	133,682	0.000	884	7.00	453,115
	25%	4,076	3,061	4,165	4.56	PLS	18,983	133,682	0.000	884	7.00	453,115
	50%	4,081	2,886	3,393	5.59	PLS	18,983	133,682	0.000	884	7.00	453,115
	75%	4,076	2,712	2,668	7.12	PLS	18,983	133,682	0.000	884	7.00	453,115
	100%	4,076	2,550	1,988	9.55	PLS	18,983	133,682	0.000	884	7.00	453,115

## LEGENDA:

<b>Id<sub>Tr</sub></b>	Identificativo della trave. L'eventuale lettera tra parentesi distingue i diversi tratti della travata al livello considerato.
<b>%L<sub>LI</sub></b>	Posizione della sezione per la quale vengono forniti i valori di verifica, valutata come % della lunghezza libera d'inflessione (L <sub>LI</sub> ), a partire dall'estremo iniziale.
<b>N<sub>Ed</sub></b>	Sforzo normale di progetto.
<b>V<sub>Ed</sub></b>	Ttaglio di progetto utilizzato per il calcolo di ρ.
<b>M<sub>Ed,3</sub></b>	Momento flettente di progetto intorno a 3.
<b>CS</b>	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).
<b>Tp Vr</b>	Tipo di verifica considerata: "PLS" = con Modulo di resistenza plastico; "ELA" = con modulo di resistenza elastico; "EFF" = con modulo di resistenza efficace.
<b>M<sub>c,Rd</sub></b>	Momento resistente.
<b>V<sub>c,Rd</sub></b>	Ttaglio resistente.
<b>ρ</b>	Coefficiente riduttivo per presenza di taglio.
<b>A<sub>v</sub></b>	Area resistente a taglio.
<b>t<sub>w</sub></b>	Spessore anima resistente a taglio.
<b>N<sub>pl,Rd</sub></b>	Resistenza plastica a Sforzo Normale.

## TRAVI (AC) - VERIFICHE A TAGLIO (Elevazione) per pressoflessione retta allo SLU

Travi (AC) - Verifiche a taglio							
Id <sub>Tr</sub>	%L <sub>LI</sub> [%]	CS	A <sub>v</sub> [mm <sup>2</sup> ]	τ <sub>T,Ed</sub> [N/mm <sup>2</sup> ]	V <sub>Ed</sub> [N]	V <sub>c,Rd</sub> [N]	P. Vrf.
<b>Piano copertura</b>				<b>Piano copertura</b>			
Trave Acciaio 2-5	0%	51.92	884	0.00	2,575	133,682	-
	25%	55.04	884	0.00	2,429	133,682	-
	50%	58.56	884	0.00	2,283	133,682	-
	75%	55.22	884	0.00	-2,421	133,682	-
	100%	52.08	884	0.00	-2,567	133,682	-
Trave Acciaio 7a-2	0%	68.76	884	0.59	-1,941	133,472	-
	25%	67.99	884	0.59	-1,963	133,472	-
	50%	67.24	884	0.59	-1,985	133,472	-
	75%	66.50	884	0.59	-2,007	133,472	-
	100%	65.81	884	0.59	-2,028	133,472	-
Trave Acciaio 4-5	0%	90.88	884	0.00	1,471	133,682	-
	25%	91.13	884	0.00	-1,467	133,682	-
	50%	82.32	884	0.00	-1,624	133,682	-
	75%	75.10	884	0.00	-1,780	133,682	-
	100%	69.05	884	0.00	-1,936	133,682	-
Trave Acciaio 4-5	0%	45.97	884	0.00	-2,908	133,682	-
	25%	42.97	884	0.00	-3,111	133,682	-
	50%	40.33	884	0.00	-3,315	133,682	-
	75%	38.00	884	0.00	-3,518	133,682	-
	100%	35.93	884	0.00	-3,721	133,682	-
Trave Acciaio 2-5	0%	51.12	884	0.00	2,615	133,682	-
	25%	52.28	884	0.00	2,557	133,682	-
	50%	53.47	884	0.00	2,500	133,682	-
	75%	52.30	884	0.00	-2,556	133,682	-
	100%	51.12	884	0.00	-2,615	133,682	-
Trave Acciaio 8a-2	0%	34.29	884	8.09	-3,814	130,789	-
	25%	34.04	884	8.09	-3,842	130,789	-
	50%	33.79	884	8.09	-3,871	130,789	-
	75%	33.54	884	8.09	-3,899	130,789	-
	100%	33.30	884	8.09	-3,927	130,789	-
Trave Acciaio 1-4	0%	81.98	884	0.39	1,629	133,542	-
	25%	90.05	884	0.39	1,483	133,542	-
	50%	99.14	884	0.39	-1,347	133,542	-
	75%	89.45	884	0.39	-1,493	133,542	-



Travi (AC) - Verifiche a taglio							
Id <sub>Tr</sub>	%L <sub>LI</sub>	CS	A <sub>v</sub>	τ <sub>T,Ed</sub>	V <sub>Ed</sub>	V <sub>c,Rd</sub>	P. Vrf.
	[%]		[mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N]	[N]	
Trave Acciaio 9a-2	100%	81.48	884	0.39	-1,639	133,542	-
	0%	80.90	884	0.79	-1,649	133,402	-
	25%	79.55	884	0.79	-1,677	133,402	-
	50%	78.20	884	0.79	-1,706	133,402	-
	75%	76.89	884	0.79	-1,735	133,402	-
Trave Acciaio 4-5	100%	75.71	884	0.79	-1,762	133,402	-
	0%	NS	884	0.00	-998	133,682	-
	25%	NS	884	0.00	-1,154	133,682	-
	50%	98.44	884	0.00	-1,358	133,682	-
	75%	85.64	884	0.00	-1,561	133,682	-
Trave Acciaio 1-4	100%	75.83	884	0.00	-1,763	133,682	-
	0%	97.29	884	0.00	1,374	133,682	-
	25%	NS	884	0.00	1,317	133,682	-
	50%	NS	884	0.00	-1,277	133,682	-
	75%	NS	884	0.00	-1,334	133,682	-
Trave Acciaio 4-5	100%	95.97	884	0.00	-1,393	133,682	-
	0%	46.32	884	0.00	-2,886	133,682	-
	25%	43.28	884	0.00	-3,089	133,682	-
	50%	40.60	884	0.00	-3,293	133,682	-
	75%	38.25	884	0.00	-3,495	133,682	-
Trave Acciaio 2-5	100%	36.15	884	0.00	-3,698	133,682	-
	0%	NS	884	0.00	1,273	133,682	-
	25%	NS	884	0.00	1,227	133,682	-
	50%	NS	884	0.00	1,182	133,682	-
	75%	NS	884	0.00	-1,214	133,682	-
Trave Acciaio 4-5	100%	NS	884	0.00	-1,260	133,682	-
	0%	91.69	884	0.00	-1,458	133,682	-
	25%	81.12	884	0.00	-1,648	133,682	-
	50%	72.18	884	0.00	-1,852	133,682	-
	75%	65.05	884	0.00	-2,055	133,682	-
Trave Acciaio 2-5	100%	59.20	884	0.00	-2,258	133,682	-
	0%	NS	884	0.00	631	133,682	-
	25%	NS	884	0.00	585	133,682	-
	50%	NS	884	0.00	540	133,682	-
	75%	NS	884	0.00	-562	133,682	-
Trave Acciaio 11a-2	100%	NS	884	0.00	-608	133,682	-
	0%	62.90	884	0.79	-2,121	133,402	-
	25%	62.08	884	0.79	-2,149	133,402	-
	50%	61.25	884	0.79	-2,178	133,402	-
	75%	60.47	884	0.79	-2,206	133,402	-
Trave Acciaio 1-4	100%	59.71	884	0.79	-2,234	133,402	-
	0%	NS	884	0.00	860	133,682	-
	25%	NS	884	0.00	714	133,682	-
	50%	NS	884	0.00	-590	133,682	-
	75%	NS	884	0.00	-736	133,682	-
Trave Acciaio 4-5	100%	NS	884	0.00	-882	133,682	-
	0%	NS	884	0.00	564	133,682	-
	25%	NS	884	0.00	-432	133,682	-
	50%	NS	884	0.00	-595	133,682	-
	75%	NS	884	0.00	-938	133,682	-
Trave Acciaio 2-5	100%	NS	884	0.00	-1,324	133,682	-
	0%	NS	884	0.00	324	133,682	-
	25%	NS	884	0.00	278	133,682	-
	50%	NS	884	0.00	233	133,682	-
	75%	NS	884	0.00	-279	133,682	-
Trave Acciaio 1-2	100%	NS	884	0.00	-325	133,682	-
	0%	NS	884	0.00	576	133,682	-
	25%	NS	884	0.00	-414	133,682	-
	50%	NS	884	0.00	-575	133,682	-
	75%	NS	884	0.00	-919	133,682	-
Trave Acciaio 1-4	100%	NS	884	0.00	-1,306	133,682	-
	0%	NS	884	0.00	321	133,682	-
	25%	NS	884	0.00	275	133,682	-
	50%	NS	884	0.00	-234	133,682	-
	75%	NS	884	0.00	-280	133,682	-
Trave Acciaio 6a-18a	100%	NS	884	0.00	-326	133,682	-
	0%	NS	884	0.00	32	133,682	-
	25%	NS	884	0.00	25	133,682	-
	50%	NS	884	0.00	16	133,682	-
	75%	NS	884	0.00	8	133,682	-
Trave Acciaio 1-6a	100%	NS	1,156	0.00	2	174,811	-
	0%	96.86	884	0.59	-1,378	133,472	-
	25%	95.34	884	0.59	-1,400	133,472	-
	50%	93.86	884	0.59	-1,422	133,472	-
	75%	92.43	884	0.59	-1,444	133,472	-



Travi (AC) - Verifiche a taglio							
Id <sub>Tr</sub>	%L <sub>LI</sub>	CS	A <sub>v</sub>	τ <sub>T,Ed</sub>	V <sub>Ed</sub>	V <sub>c,Rd</sub>	P. Vrf.
	[%]		[mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N]	[N]	
Trave Acciaio 5a-17a	100%	90.57	884	0.79	-1,473	133,402	-
	0%	NS	884	0.00	32	133,682	-
	25%	NS	884	0.00	25	133,682	-
	50%	NS	884	0.00	16	133,682	-
	75%	NS	884	0.00	8	133,682	-
Trave Acciaio 1-5a	100%	NS	1,156	0.00	2	174,811	-
	0%	45.27	884	0.79	-2,947	133,402	-
	25%	44.84	884	0.79	-2,975	133,402	-
	50%	44.41	884	0.79	-3,004	133,402	-
	75%	44.00	884	0.79	-3,032	133,402	-
Trave Acciaio 4a-16a	100%	43.57	884	0.79	-3,062	133,402	-
	0%	NS	884	0.00	32	133,682	-
	25%	NS	884	0.00	25	133,682	-
	50%	NS	884	0.00	16	133,682	-
	75%	NS	884	0.00	8	133,682	-
Trave Acciaio 1-4a	100%	NS	1,156	0.00	2	174,811	-
	0%	NS	884	1.18	-937	133,262	-
	25%	NS	884	1.18	-959	133,262	-
	50%	NS	884	1.18	-981	133,262	-
	75%	NS	884	1.18	-1,003	133,262	-
Trave Acciaio 3a-15a	100%	NS	884	1.18	-1,026	133,262	-
	0%	NS	884	0.00	32	133,682	-
	25%	NS	884	0.00	25	133,682	-
	50%	NS	884	0.00	16	133,682	-
	75%	NS	884	0.00	8	133,682	-
Trave Acciaio 1-3a	100%	NS	1,156	0.00	2	174,811	-
	0%	43.48	884	2.17	-3,057	132,912	-
	25%	43.07	884	2.17	-3,086	132,912	-
	50%	42.67	884	2.17	-3,115	132,912	-
	75%	42.29	884	2.17	-3,143	132,912	-
Trave Acciaio 2a-14a	100%	41.89	884	2.17	-3,173	132,912	-
	0%	NS	884	0.00	32	133,682	-
	25%	NS	884	0.00	25	133,682	-
	50%	NS	884	0.00	16	133,682	-
	75%	NS	884	0.00	8	133,682	-
Trave Acciaio 1-2a	100%	NS	0	0.00	0	0	-
	0%	86.33	884	0.59	1,546	133,472	-
	25%	87.58	884	0.59	1,524	133,472	-
	50%	88.86	884	0.59	1,502	133,472	-
	75%	90.18	884	0.59	1,480	133,472	-
Trave Acciaio 7a-19a	100%	91.61	884	0.59	1,457	133,472	-
	0%	NS	884	0.00	32	133,682	-
	25%	NS	884	0.00	25	133,682	-
	50%	NS	884	0.00	16	133,682	-
	75%	NS	884	0.00	8	133,682	-
Trave Acciaio 2a-7a	100%	NS	0	0.00	0	0	-
	0%	91.13	884	0.00	-1,467	133,682	-
	25%	84.66	884	0.00	-1,579	133,682	-
	50%	79.05	884	0.00	-1,691	133,682	-
	75%	74.14	884	0.00	-1,803	133,682	-
Trave Acciaio 8a-20a	100%	69.74	884	0.00	-1,917	133,682	-
	0%	NS	884	0.00	32	133,682	-
	25%	NS	884	0.00	25	133,682	-
	50%	NS	884	0.00	16	133,682	-
	75%	NS	884	0.00	8	133,682	-
Trave Acciaio 3a-8a	100%	NS	1,156	0.00	2	174,811	-
	0%	41.55	884	1.58	-3,204	133,122	-
	25%	39.74	884	1.58	-3,350	133,122	-
	50%	38.08	884	1.58	-3,496	133,122	-
	75%	36.56	884	1.58	-3,641	133,122	-
Trave Acciaio 9a-21a	100%	35.13	884	1.58	-3,789	133,122	-
	0%	NS	884	0.00	32	133,682	-
	25%	NS	884	0.00	25	133,682	-
	50%	NS	884	0.00	16	133,682	-
	75%	NS	884	0.00	8	133,682	-
Trave Acciaio 4a-9a	100%	NS	1,156	0.00	2	174,811	-
	0%	NS	884	0.00	-1,054	133,682	-
	25%	NS	884	0.00	-1,178	133,682	-
	50%	NS	884	0.00	-1,324	133,682	-
	75%	91.00	884	0.00	-1,469	133,682	-
Trave Acciaio 10a-22a	100%	82.62	884	0.00	-1,618	133,682	-
	0%	NS	884	0.00	32	133,682	-
	25%	NS	884	0.00	25	133,682	-
	50%	NS	884	0.00	16	133,682	-
	75%	NS	884	0.00	8	133,682	-



Travi (AC) - Verifiche a taglio							
Id <sub>Tr</sub>	%L <sub>LI</sub>	CS	A <sub>v</sub>	τ <sub>T,Ed</sub>	V <sub>Ed</sub>	V <sub>c,Rd</sub>	P. Vrf.
	[%]		[mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N]	[N]	
Trave Acciaio 5a-10a	100%	NS	1,156	0.00	2	174,811	-
	0%	43.21	884	0.00	-3,094	133,682	-
	25%	41.27	884	0.00	-3,239	133,682	-
	50%	39.49	884	0.00	-3,385	133,682	-
	75%	37.87	884	0.00	-3,530	133,682	-
Trave Acciaio 11a-23a	100%	36.34	884	0.00	-3,679	133,682	-
	0%	NS	884	0.00	32	133,682	-
	25%	NS	884	0.00	25	133,682	-
	50%	NS	884	0.00	16	133,682	-
	75%	NS	884	0.00	8	133,682	-
Trave Acciaio 6a-11a	100%	NS	1,156	0.00	2	174,811	-
	0%	88.88	884	0.00	-1,504	133,682	-
	25%	81.02	884	0.00	-1,650	133,682	-
	50%	74.43	884	0.00	-1,796	133,682	-
	75%	68.87	884	0.00	-1,941	133,682	-
Trave Acciaio 3-6	100%	63.99	884	0.00	-2,089	133,682	-
	0%	NS	884	0.00	243	133,682	-
	25%	NS	884	0.00	122	133,682	-
	50%	NS	884	0.00	14	133,682	-
	75%	NS	884	0.00	-122	133,682	-
Trave Acciaio 24a-6	100%	NS	884	0.00	-246	133,682	-
	0%	35.94	884	0.00	3,720	133,682	-
	25%	66.51	884	0.00	2,010	133,682	-
	50%	NS	884	0.00	448	133,682	-
	75%	73.86	884	0.00	-1,810	133,682	-
Trave Acciaio 12a-3	100%	35.97	884	0.00	-3,717	133,682	-
	0%	34.02	884	0.00	3,930	133,682	-
	25%	61.43	884	0.00	2,176	133,682	-
	50%	NS	884	0.00	475	133,682	-
	75%	76.74	884	0.00	-1,742	133,682	-
Trave Acciaio 1a-1	100%	37.34	884	0.00	-3,580	133,682	-
	0%	41.70	884	0.20	-3,204	133,612	-
	25%	40.71	884	0.20	-3,282	133,612	-
	50%	37.71	884	0.20	-3,543	133,612	-
	75%	35.06	884	0.20	-3,811	133,612	-
Trave Acciaio 1a-26a	100%	33.06	884	0.20	-4,041	133,612	-
	0%	NS	884	0.00	506	133,682	-
	25%	NS	884	0.00	296	133,682	-
	50%	NS	884	0.00	30	133,682	-
	75%	NS	884	0.00	-280	133,682	-
Trave Acciaio 26a-4	100%	NS	884	0.00	-611	133,682	-
	0%	40.96	884	0.20	-3,262	133,612	-
	25%	39.45	884	0.20	-3,387	133,612	-
	50%	37.18	884	0.20	-3,594	133,612	-
	75%	35.13	884	0.20	-3,803	133,612	-
Trave Acciaio 13a-3	100%	33.63	884	0.20	-3,973	133,612	-
	0%	55.98	884	0.00	2,388	133,682	-
	25%	60.11	884	0.00	2,224	133,682	-
	50%	65.40	884	0.00	2,044	133,682	-
	75%	71.72	884	0.00	1,864	133,682	-
Trave Acciaio 25a-6	100%	74.68	884	0.00	1,790	133,682	-
	0%	58.25	884	0.00	2,295	133,682	-
	25%	62.61	884	0.00	2,135	133,682	-
	50%	68.24	884	0.00	1,959	133,682	-
	75%	74.64	884	0.00	1,791	133,682	-
Trave Acciaio 3-6	100%	77.99	884	0.00	1,714	133,682	-
	0%	NS	884	0.00	169	133,682	-
	25%	NS	884	0.00	85	133,682	-
	50%	NS	1,156	0.00	51	174,811	-
	75%	NS	884	0.00	-85	133,682	-
Trave Acciaio 10a-2	100%	NS	884	0.00	-170	133,682	-
	0%	35.96	884	0.79	-3,710	133,402	-
	25%	35.87	884	0.79	-3,719	133,402	-
	50%	35.78	884	0.79	-3,728	133,402	-
	75%	35.70	884	0.79	-3,737	133,402	-
Trave Acciaio 12a-24a	100%	35.62	884	0.79	-3,745	133,402	-
	0%	NS	884	0.00	493	133,682	-
	25%	NS	884	0.00	251	133,682	-
	50%	NS	884	0.00	31	133,682	-
	75%	NS	884	0.00	-250	133,682	-
Trave Acciaio 5-24a	100%	NS	884	0.00	-491	133,682	-
	0%	11.61	884	0.00	11,518	133,682	-
	25%	13.74	884	0.00	9,729	133,682	-
	50%	17.09	884	0.00	7,822	133,682	-
	75%	22.60	884	0.00	5,916	133,682	-



Travi (AC) - Verifiche a taglio							
Id <sub>Tr</sub>	%L <sub>LI</sub>	CS	A <sub>v</sub>	τ <sub>T,Ed</sub>	V <sub>Ed</sub>	V <sub>c,Rd</sub>	P. Vrf.
	[%]		[mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N]	[N]	
Trave Acciaio 2-12a	100%	31.78	884	0.00	4,207	133,682	-
	0%	11.40	884	0.00	11,731	133,682	-
	25%	13.44	884	0.00	9,943	133,682	-
	50%	16.64	884	0.00	8,036	133,682	-
	75%	21.81	884	0.00	6,129	133,682	-
Trave Acciaio 13a-25a	100%	30.23	884	0.00	4,422	133,682	-
	0%	NS	884	0.00	182	133,682	-
	25%	NS	884	0.00	91	133,682	-
	50%	NS	1,156	0.00	89	174,811	-
	75%	NS	884	0.00	-92	133,682	-
Trave Acciaio 5-25a	100%	NS	884	0.00	-183	133,682	-
	0%	39.19	884	0.00	3,411	133,682	-
	25%	42.38	884	0.00	3,154	133,682	-
	50%	46.42	884	0.00	2,880	133,682	-
	75%	51.08	884	0.00	2,617	133,682	-
Trave Acciaio 2-13a	100%	54.43	884	0.00	2,456	133,682	-
	0%	38.15	884	0.00	3,504	133,682	-
	25%	41.17	884	0.00	3,247	133,682	-
	50%	44.98	884	0.00	2,972	133,682	-
	75%	49.27	884	0.00	2,713	133,682	-
	100%	52.40	884	0.00	2,551	133,682	-

## LEGENDA:

Id <sub>Tr</sub>	Identificativo della trave. L'eventuale lettera tra parentesi distingue i diversi tratti della travata al livello considerato.
%L <sub>LI</sub>	Posizione della sezione per la quale vengono forniti i valori di verifica, valutata come % della lunghezza libera d'inflessione (L <sub>LI</sub> ), 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).
A <sub>v</sub>	Area resistente a taglio.
τ <sub>T,Ed</sub>	Tensione tangenziale di calcolo per torsione.
V <sub>Ed</sub>	Taglio di progetto.
V <sub>c,Rd</sub>	Taglio resistente.
P. Vrf.	Piano di minima resistenza.

## TRAVI (AC) - VERIFICHE INSTABILITÀ A PRESSOFLESSIONE DEVIATA (Elevazione)

Travi (AC) - Verifiche instabilità a pressoflessione deviata													
Id <sub>Tr</sub>	N <sub>Ed</sub>	M <sub>Ed,3</sub>	M <sub>Ed,2</sub>	CS	L <sub>N</sub>	L <sub>LI,FlsT</sub>	Dir	λ	α	φ	χ	β	N <sub>cr</sub>
	[N]	[N-m]	[N-m]		[m]	[m]							[N]
Piano copertura													
Trave Acciaio 2-5	20	603	52	21.38	1.38	0.69	x-x	0.441	0.490	0.595	0.926	1.000	473,584
							y-y	0.140	0.490	1.199	0.539	1.000	
Trave Acciaio 7a-2	1,781	637	22	24.15	0.21	0.10	x-x	0.168	0.490	0.465	1.000	1.000	21,070,620
							y-y	0.058	0.490	0.499	1.000	0.924	1.000
Trave Acciaio 4-5	888	924	8	15.78	1.47	0.74	x-x	0.456	0.490	0.610	0.914	1.000	414,351
							y-y	0.119	0.490	1.288	0.500	1.000	1.000
Trave Acciaio 4-5	559	2,195	32	6.85	1.47	0.74	x-x	0.456	0.490	0.610	0.914	1.000	414,351
							y-y	0.144	0.490	1.288	0.500	1.000	1.000
Trave Acciaio 2-5	752	1,350	18	11.11	1.38	0.69	x-x	0.441	0.490	0.595	0.926	1.000	473,584
							y-y	0.093	0.490	1.199	0.539	1.000	1.000
Trave Acciaio 8a-2	725	2,730	124	5.97	0.21	0.10	x-x	0.181	0.490	0.465	1.000	1.000	21,070,620
							y-y	0.058	0.490	0.499	1.000	0.914	1.000
Trave Acciaio 1-4	33	721	14	21.11	1.38	0.69	x-x	0.441	0.490	0.595	0.926	1.000	473,584
							y-y	0.092	0.490	1.199	0.539	1.000	1.000
Trave Acciaio 9a-2	181	391	17	41.62	0.21	0.10	x-x	0.128	0.490	0.465	1.000	1.000	21,070,620
							y-y	0.045	0.490	0.499	1.000	0.752	1.000
Trave Acciaio 4-5	103	607	12	24.55	1.47	0.74	x-x	0.456	0.490	0.610	0.914	1.000	414,351
							y-y	0.095	0.490	1.288	0.500	1.000	1.000
Trave Acciaio 1-4	510	662	9	22.33	1.38	0.69	x-x	0.441	0.490	0.595	0.926	1.000	473,584
							y-y	0.095	0.490	1.199	0.539	1.000	1.000
Trave Acciaio 4-5	2,276	2,089	12	6.97	1.47	0.74	x-x	0.456	0.490	0.610	0.914	1.000	414,351
							y-y	0.119	0.490	1.288	0.500	1.000	1.000
Trave Acciaio 2-5	-	-	-	NS	0.00	0.00	x-x	0.000	0.000	0.000	0.000	0.000	0
							y-y	0.000	0.000	0.000	0.000	0.000	0.000
Trave Acciaio 4-5	-	-	-	NS	0.00	0.00	x-x	0.000	0.000	0.000	0.000	0.000	0
							y-y	0.000	0.000	0.000	0.000	0.000	0.000
Trave Acciaio 2-5	1,101	250	56	33.27	1.38	0.69	x-x	0.441	0.490	0.595	0.926	1.000	473,584
							y-y	0.140	0.490	1.199	0.539	1.000	1.000
Trave Acciaio 11a-2	-	-	-	NS	0.00	0.00	x-x	0.000	0.000	0.000	0.000	0.000	0
							y-y	0.000	0.000	0.000	0.000	0.000	0.000
Trave Acciaio 1-4	-	-	-	NS	0.00	0.00	x-x	0.000	0.000	0.000	0.000	0.000	0
							y-y	0.000	0.000	0.000	0.000	0.000	0.000
Trave Acciaio 4-5	343	412	25	31.33	1.47	0.74	x-x	0.456	0.490	0.610	0.914	1.000	414,351
							y-y	0.144	0.490	1.288	0.500	1.000	1.000



Travi (AC) - Verifiche instabilità a pressoflessione deviata															
Id <sub>Tr</sub>	N <sub>Ed</sub>	M <sub>Ed,3</sub>	M <sub>Ed,2</sub>	CS	L <sub>N</sub>	L <sub>LL,FIS</sub>	Dir	λ	α	φ	χ	β	k <sub>c</sub>	χ <sub>LT</sub>	N <sub>cr</sub>
	[N]	[N-m]	[N-m]		[m]	[m]									[N]
Trave Acciaio 2-5	-	-	-	NS	0.00	0.00	x-x	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0
							y-y	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
Trave Acciaio 1-2	290	416	21	32.10	1.47	0.74	x-x	0.456	0.490	0.610	0.914	1.000	0.910	0.839	414,351
							y-y	0.143	0.490	1.288	0.500	1.000	0.833	1.000	
Trave Acciaio 1-4	385	76	23	95.47	1.38	0.69	x-x	0.441	0.490	0.595	0.926	1.000	0.910	0.849	473,584
							y-y	0.158	0.490	1.199	0.539	1.000	1.000	1.000	
Trave Acciaio 6a-18a	4	1	-	NS	0.19	0.09	x-x	0.185	0.490	0.464	1.000	1.000	1.000	1.000	25,183,192
							y-y	0.059	0.490	0.494	1.000	1.000	1.000	1.000	
Trave Acciaio 1-6a	-	-	-	NS	0.00	0.00	x-x	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0
							y-y	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
Trave Acciaio 5a-17a	4	1	-	NS	0.19	0.09	x-x	0.185	0.490	0.464	1.000	1.000	1.000	1.000	25,183,192
							y-y	0.059	0.490	0.494	1.000	1.000	1.000	1.000	
Trave Acciaio 1-5a	2,062	1,852	5	9.71	0.21	0.10	x-x	0.182	0.490	0.465	1.000	1.000	0.911	1.000	20,842,383
							y-y	0.062	0.490	0.499	1.000	1.000	1.000	1.000	
Trave Acciaio 4a-16a	-	1	-	NS	0.19	0.09	x-x	0.185	0.490	0.464	1.000	1.000	1.000	1.000	25,183,192
							y-y	0.059	0.490	0.494	1.000	1.000	1.000	1.000	
Trave Acciaio 1-4a	63	397	17	41.52	0.21	0.10	x-x	0.142	0.490	0.465	1.000	1.000	0.760	1.000	20,842,383
							y-y	0.045	0.490	0.499	1.000	1.000	0.752	1.000	
Trave Acciaio 3a-15a	-	1	-	NS	0.19	0.09	x-x	0.185	0.490	0.464	1.000	1.000	1.000	1.000	25,183,192
							y-y	0.059	0.490	0.494	1.000	1.000	1.000	1.000	
Trave Acciaio 1-3a	714	1,829	11	10.02	0.21	0.10	x-x	0.182	0.490	0.465	1.000	1.000	0.907	1.000	20,842,383
							y-y	0.058	0.490	0.499	1.000	1.000	0.948	1.000	
Trave Acciaio 2a-14a	-	1	-	NS	0.19	0.09	x-x	0.185	0.490	0.464	1.000	1.000	1.000	1.000	25,183,192
							y-y	0.059	0.490	0.494	1.000	1.000	1.000	1.000	
Trave Acciaio 1-2a	2,113	651	24	23.13	0.21	0.10	x-x	0.182	0.490	0.465	1.000	1.000	0.947	1.000	20,842,383
							y-y	0.062	0.490	0.499	1.000	1.000	0.962	1.000	
Trave Acciaio 7a-19a	-	1	-	NS	0.19	0.09	x-x	0.185	0.490	0.464	1.000	1.000	1.000	1.000	25,183,192
							y-y	0.059	0.490	0.494	1.000	1.000	1.000	1.000	
Trave Acciaio 2a-7a	931	685	8	22.15	1.06	0.53	x-x	0.387	0.490	0.551	0.967	1.000	0.910	0.886	802,022
							y-y	0.102	0.490	0.936	0.681	1.000	0.752	1.000	
Trave Acciaio 8a-20a	-	1	-	NS	0.19	0.09	x-x	0.185	0.490	0.464	1.000	1.000	1.000	1.000	25,183,192
							y-y	0.059	0.490	0.494	1.000	1.000	1.000	1.000	
Trave Acciaio 3a-8a	714	1,688	10	9.58	1.06	0.53	x-x	0.387	0.490	0.551	0.967	1.000	0.910	0.886	802,022
							y-y	0.102	0.490	0.936	0.681	1.000	0.752	1.000	
Trave Acciaio 9a-21a	2	1	-	NS	0.19	0.09	x-x	0.185	0.490	0.464	1.000	1.000	1.000	1.000	25,183,192
							y-y	0.059	0.490	0.494	1.000	1.000	1.000	1.000	
Trave Acciaio 4a-9a	124	382	18	37.99	1.06	0.53	x-x	0.387	0.490	0.551	0.967	1.000	0.910	0.886	802,022
							y-y	0.102	0.490	0.936	0.681	1.000	0.752	1.000	
Trave Acciaio 10a-22a	2	1	-	NS	0.19	0.09	x-x	0.185	0.490	0.464	1.000	1.000	1.000	1.000	25,183,192
							y-y	0.059	0.490	0.494	1.000	1.000	1.000	1.000	
Trave Acciaio 5a-10a	2,062	1,573	13	9.76	1.06	0.53	x-x	0.387	0.490	0.551	0.967	1.000	0.910	0.886	802,022
							y-y	0.102	0.490	0.936	0.681	1.000	0.752	1.000	
Trave Acciaio 11a-23a	2	1	-	NS	0.19	0.09	x-x	0.185	0.490	0.464	1.000	1.000	1.000	1.000	25,183,192
							y-y	0.059	0.490	0.494	1.000	1.000	1.000	1.000	
Trave Acciaio 6a-11a	-	-	-	NS	0.00	0.00	x-x	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0
							y-y	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
Trave Acciaio 3-6	2	51	2	NS	1.64	0.82	x-x	0.481	0.490	0.636	0.892	1.000	0.900	0.825	334,527
							y-y	0.172	0.490	1.454	0.437	1.000	1.000	1.000	
Trave Acciaio 24a-6	-	726	5	22.54	1.04	0.52	x-x	0.383	0.490	0.549	0.969	1.000	0.940	0.880	831,837
							y-y	0.100	0.490	0.922	0.690	1.000	0.752	1.000	
Trave Acciaio 12a-3	-	717	9	22.60	1.06	0.53	x-x	0.388	0.490	0.552	0.966	1.000	0.910	0.885	793,152
							y-y	0.102	0.490	0.941	0.678	1.000	0.752	1.000	
Trave Acciaio 1a-1	5,852	962	46	13.53	0.45	0.23	x-x	0.253	0.490	0.485	1.000	1.000	0.910	0.977	4,408,005
							y-y	0.067	0.490	0.585	0.935	1.000	0.602	1.000	
Trave Acciaio 1a-26a	61	182	7	72.52	1.68	0.84	x-x	0.519	0.490	0.643	0.886	1.000	0.940	0.786	317,969
							y-y	0.175	0.490	1.499	0.423	1.000	1.000	1.000	
Trave Acciaio 26a-4	4,634	764	39	17.26	0.35	0.17	x-x	0.222	0.490	0.476	1.000	1.000	0.910	0.997	7,338,158
							y-y	0.058	0.490	0.546	0.972	1.000	0.752	1.000	
Trave Acciaio 13a-3	4,072	1,488	13	9.60	1.06	0.53	x-x	0.388	0.490	0.552	0.966	1.000	0.910	0.885	793,152
							y-y	0.082	0.490	0.941	0.678	1.000	0.602	1.000	
Trave Acciaio 25a-6	4,518	1,369	11	10.24	1.04	0.52	x-x	0.383	0.490	0.549	0.969	1.000	0.910	0.888	831,837
							y-y	0.080	0.490	0.922	0.690	1.000	0.602	1.000	
Trave Acciaio 3-6	115	69	9	NS	1.64	0.82	x-x	0.481	0.490	0.636	0.892	1.000	0.940	0.812	334,527
							y-y	0.127	0.490	1.454	0.437	1.000	0.752	1.000	
Trave Acciaio 10a-2	2,062	2,561	19	7.00	0.21	0.10	x-x	0.181	0.490	0.465	1.000	1.000	0.919	1.000	21,070,620
							y-y	0.062	0.490	0.499	1.000	1.000	0.968	1.000	
Trave Acciaio 12a-24a	65	160	5	83.84	1.65	0.83	x-x	0.515	0.490	0.639	0.889	1.000	0.940	0.788	328,036
							y-y	0.173	0.490	1.471	0.432	1.000	1.000	1.000	
Trave Acciaio 5-24a	2	6,134	15	2.70	1.04	0.52	x-x	0.383	0.490	0.549	0.969	1.000	0.940	0.880	832,603
							y-y	0.100	0.490	0.922	0.690	1.000	0.752	1.000	
Trave Acciaio 2-12a	5	6,393	12	2.60	1.04	0.52	x-x	0.383	0.490	0.549	0.969	1.000	0.940	0.880	832,603



Travi (AC) - Verifiche instabilità a pressoflessione deviata															
Id <sub>Tr</sub>	N <sub>Ed</sub>	M <sub>Ed,3</sub>	M <sub>Ed,2</sub>	CS	L <sub>N</sub>	L <sub>LT,FlsT</sub>	Dir	λ	α	φ	χ	β	k <sub>c</sub>	χ <sub>LT</sub>	N <sub>cr</sub>
	[N]	[N·m]	[N·m]		[m]	[m]									[N]
Trave Acciaio 13a-25a	5	46	2	NS	1.65	0.83	y-y	0.081	0.490	0.922	0.690	1.000	0.602	1.000	328,036
							x-x	0.515	0.490	0.639	0.889	1.000	0.940	0.788	
Trave Acciaio 5-25a	4,517	4,198	30	3.69	1.04	0.52	y-y	0.175	0.490	1.471	0.432	1.000	1.000	1.000	832,603
							x-x	0.383	0.490	0.549	0.969	1.000	0.940	0.880	
Trave Acciaio 2-13a	4,081	4,469	24	3.51	1.04	0.52	y-y	0.091	0.490	0.922	0.690	1.000	0.602	1.000	832,603
							x-x	0.383	0.490	0.549	0.969	1.000	0.940	0.880	
							v-v	0.084	0.490	0.922	0.690	1.000	0.602	1.000	

## LEGENDA:

Id <sub>Tr</sub>	Identificativo della trave. L'eventuale lettera tra parentesi distingue i diversi tratti della travata al livello considerato.
N <sub>Ed</sub>	Sforzo normale di progetto.
M <sub>Ed,3</sub>	Momento flettente di progetto intorno a 3.
M <sub>Ed,2</sub>	Momento flettente di progetto intorno a 2.
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).
L <sub>N</sub>	Luce netta.
L <sub>LT,FlsT</sub>	Luce libera per instabilità flessotorsionale.
λ	Coefficiente di snellezza adimensionale.
α	Fattore di imperfezione.
φ	Coefficiente per il calcolo di χ
χ	Coefficiente di riduzione per instabilità a compressione
β	Coefficiente di riduzione della luce libera di inflessione.
k <sub>c</sub>	Coefficiente per il calcolo di χ <sub>LT</sub>
χ <sub>LT</sub>	Coefficiente di riduzione ai fini dell'instabilità flessotorsionale.
N <sub>cr</sub>	Sforzo Normale Critico Euleriano.

## TRAVI (AC) - VERIFICHE DI DEFORMABILITÀ ALLO SLE (Elevazione)

Travi (AC) - Verifiche di deformabilità allo SLE						
Id <sub>Tr</sub>	Carichi Permanenti + Variabili			Carichi Variabili		
	CS	δ <sub>max</sub> [cm]	δ <sub>amm</sub> [cm]	CS	δ <sub>max</sub> [cm]	δ <sub>amm</sub> [cm]
Piano copertura				Piano copertura		
Trave Acciaio 2-5	NS	0.0016	0.5500	NS	0.0018	0.5500
Trave Acciaio 7a-2	-	0.0000	0.0825	-	0.0000	0.0825
Trave Acciaio 4-5	NS	0.0040	0.5880	NS	0.0027	0.5880
Trave Acciaio 4-5	44.61	0.0132	0.5880	50.73	0.0116	0.5880
Trave Acciaio 2-5	86.68	0.0063	0.5500	NS	0.0053	0.5500
Trave Acciaio 8a-2	-	0.0000	0.0825	-	0.0000	0.0825
Trave Acciaio 1-4	NS	0.0028	0.5500	NS	0.0018	0.5500
Trave Acciaio 9a-2	-	0.0000	0.0825	-	0.0000	0.0825
Trave Acciaio 4-5	85.75	0.0069	0.5880	NS	0.0050	0.5880
Trave Acciaio 1-4	NS	0.0020	0.5500	NS	0.0016	0.5500
Trave Acciaio 4-5	54.90	0.0107	0.5880	65.26	0.0090	0.5880
Trave Acciaio 2-5	NS	0.0031	0.5500	NS	0.0024	0.5500
Trave Acciaio 4-5	NS	0.0048	0.5880	NS	0.0035	0.5880
Trave Acciaio 2-5	NS	0.0020	0.5500	NS	0.0016	0.5500
Trave Acciaio 11a-2	-	0.0000	0.0825	-	0.0000	0.0825
Trave Acciaio 1-4	NS	0.0005	0.5500	NS	0.0003	0.5500
Trave Acciaio 4-5	NS	0.0026	0.5880	NS	0.0020	0.5880
Trave Acciaio 2-5	NS	0.0005	0.5500	NS	0.0006	0.5500
Trave Acciaio 1-2	NS	0.0025	0.5880	NS	0.0019	0.5880
Trave Acciaio 1-4	NS	0.0010	0.5500	NS	0.0007	0.5500
Trave Acciaio 6a-18a	-	0.0000	0.0754	-	0.0000	0.0754
Trave Acciaio 1-6a	-	0.0000	0.0829	-	0.0000	0.0829
Trave Acciaio 5a-17a	33.08	0.0046	0.1508	NS	0.0014	0.1508
Trave Acciaio 1-5a	-	0.0000	0.0829	-	0.0000	0.0829
Trave Acciaio 4a-16a	-	0.0000	0.0754	-	0.0000	0.0754
Trave Acciaio 1-4a	-	0.0000	0.0829	-	0.0000	0.0829
Trave Acciaio 3a-15a	-	0.0000	0.0754	-	0.0000	0.0754
Trave Acciaio 1-3a	-	0.0000	0.0829	-	0.0000	0.0829
Trave Acciaio 2a-14a	-	0.0000	0.0754	-	0.0000	0.0754
Trave Acciaio 1-2a	-	0.0000	0.0829	-	0.0000	0.0829
Trave Acciaio 7a-19a	-	0.0000	0.0754	-	0.0000	0.0754
Trave Acciaio 2a-7a	NS	0.0020	0.4226	NS	0.0013	0.4226
Trave Acciaio 8a-20a	-	0.0000	0.0754	-	0.0000	0.0754
Trave Acciaio 3a-8a	73.47	0.0058	0.4226	81.06	0.0052	0.4226
Trave Acciaio 9a-21a	-	0.0000	0.0754	-	0.0000	0.0754
Trave Acciaio 4a-9a	NS	0.0032	0.4226	NS	0.0022	0.4226
Trave Acciaio 10a-22a	-	0.0000	0.0754	-	0.0000	0.0754
Trave Acciaio 5a-10a	85.69	0.0049	0.4226	99.85	0.0042	0.4226
Trave Acciaio 11a-23a	-	0.0000	0.0754	-	0.0000	0.0754
Trave Acciaio 6a-11a	NS	0.0023	0.4226	NS	0.0015	0.4226
Trave Acciaio 3-6	NS	0.0017	0.6544	NS	0.0001	0.6544
Trave Acciaio 24a-6	2.03	0.4092	0.8300	2.52	0.3292	0.8300



**Travi (AC) - Verifiche di deformabilità allo SLE**

Id <sub>Tr</sub>	Carichi Permanenti + Variabili			Carichi Variabili		
	CS	$\delta_{max}$ [cm]	$\delta_{amm}$ [cm]	CS	$\delta_{max}$ [cm]	$\delta_{amm}$ [cm]
Trave Acciaio 12a-3	1.91	0.4449	0.8500	2.37	0.3593	0.8500
Trave Acciaio 1a-1	15.10	0.0239	0.3606	18.72	0.0193	0.3606
Trave Acciaio 1a-26a	NS	0.0063	0.6712	NS	0.0044	0.6712
Trave Acciaio 26a-4	14.14	0.0198	0.2794	17.59	0.0159	0.2794
Trave Acciaio 13a-3	1.71	0.4967	0.8500	2.07	0.4104	0.8500
Trave Acciaio 25a-6	1.81	0.4596	0.8300	2.19	0.3790	0.8300
Trave Acciaio 3-6	NS	0.0023	0.6544	NS	0.0006	0.6544
Trave Acciaio 10a-2	-	0.0000	0.0825	-	0.0000	0.0825
Trave Acciaio 12a-24a	NS	0.0054	0.6608	NS	0.0037	0.6608
Trave Acciaio 5-24a	2.47	0.3363	0.8296	2.97	0.2793	0.8296
Trave Acciaio 2-12a	2.37	0.3505	0.8296	2.84	0.2916	0.8296
Trave Acciaio 13a-25a	NS	0.0021	0.6608	NS	0.0004	0.6608
Trave Acciaio 5-25a	2.99	0.2771	0.8296	3.72	0.2227	0.8296
Trave Acciaio 2-13a	2.89	0.2867	0.8296	3.60	0.2307	0.8296

**LEGENDA:**

**Id<sub>Tr</sub>** Identificativo della trave. L'eventuale lettera tra parentesi distingue i diversi tratti della travata al livello considerato.  
**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).  
 $\delta_{max}$  Spostamento allo SLE.  
 $\delta_{amm}$  Spostamento Differenziale ammissibile.

**PILASTRI (AC) - VERIFICHE A TRAZIONE (Elevazione)**

Pilastri (AC) - Verifiche a trazione					Pilastri (AC) - Verifiche a trazione	
Pilastro	%L <sub>LI</sub>	N <sub>Ed</sub>	CS	A <sub>net</sub>	N <sub>pl,Rd</sub>	N <sub>u,Rd</sub>
	[%]	[N]		[mm <sup>2</sup> ]	[N]	[N]
Piano copertura						
Pilastro Acciaio 6	0%	4,032	20.40	314	82,238	97,214
	100%	4,107	20.02	314	82,238	97,214
Pilastro Acciaio 3	0%	3,824	21.51	314	82,238	97,214
	100%	3,898	21.10	314	82,238	97,214

**LEGENDA:**

**Pilastro** Identificativo del pilastro. L'eventuale lettera tra parentesi distingue i diversi tratti della pilastriata al livello considerato.  
**%L<sub>Li</sub>** Posizione della sezione per la quale vengono forniti i valori di verifica, valutata come % della lunghezza libera d'inflessione (L<sub>Li</sub>), a partire dall'estremo iniziale.  
**N<sub>Ed</sub>** Sforzo normale di progetto.  
**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).  
**A<sub>net</sub>** Area netta della sezione di verifica.  
**N<sub>pl,Rd</sub>** Resistenza plastica a Sforzo Normale.  
**N<sub>u,Rd</sub>** Resistenza a rottura della sezione netta.

**PILASTRI (AC) - VERIFICHE A PRESSOFLESSIONE DEVIATA (Elevazione) allo SLU**

**Pilastri (AC) - Verifiche a pressoflessione deviata**

Pilastro	%L <sub>Li</sub>	N <sub>Ed</sub>	V <sub>Ed</sub>	M <sub>Ed,3</sub>	M <sub>Ed,2</sub>	CS	Tp Vr	max/m in	M <sub>c,Rd</sub>	V <sub>c,Rd</sub>	$\rho$	A <sub>v</sub>	t <sub>w</sub>	N <sub>pl,Rd</sub>
	[%]	[N]	[N]	[N-m]	[N-m]				[N-m]	[N]		[mm <sup>2</sup> ]	[mm]	[N]
<b>Piano copertura</b>														
Pilastro Acciaio 5	0%	1,901	481	363	-661	21.89[ V]	ELA	Max	23,225	405,769	0.000	2,683	16	1,197,290
			-269					Min	23,225	405,769	0.000	2,683	16	
	50%	1,637	503	506	-383	25.22[ V]	ELA	Max	23,225	405,769	0.000	2,683	16	1,197,290
			-246					Min	23,225	405,769	0.000	2,683	16	
	100%	1,604	482	677	-94	28.96[ V]	ELA	Max	23,225	405,769	0.000	2,683	16	1,197,290
			-311					Min	23,225	405,769	0.000	2,683	16	
Pilastro Acciaio 4	0%	600	-264	-441	663	20.82[ V]	ELA	Max	23,225	405,769	0.000	2,683	16	1,197,290
			-277					Min	23,225	405,769	0.000	2,683	16	
	50%	336	-264	-272	514	29.31[ V]	ELA	Max	23,225	405,769	0.000	2,683	16	1,197,290
			-324					Min	23,225	405,769	0.000	2,683	16	
	100%	-260	-168	-76	392	49.10[ V]	ELA	Max	23,225	405,769	0.000	2,683	16	1,197,290
			-334					Min	23,225	405,769	0.000	2,683	16	
Pilastro Acciaio 1	0%	645	-345	-626	445	21.44[ V]	ELA	Max	23,225	405,769	0.000	2,683	16	1,197,290
			-252					Min	23,225	405,769	0.000	2,683	16	
	50%	381	-345	-486	251	31.20[ V]	ELA	Max	23,225	405,769	0.000	2,683	16	1,197,290
			-252					Min	23,225	405,769	0.000	2,683	16	
	100%	-216	-313	-375	52	53.86[ V]	ELA	Max	23,225	405,769	0.000	2,683	16	1,197,290
			-155					Min	23,225	405,769	0.000	2,683	16	
Pilastro Acciaio 2	0%	1,916	-308	636	-298	23.92[ V]	ELA	Max	23,225	405,769	0.000	2,683	16	1,197,290
			459					Min	23,225	405,769	0.000	2,683	16	
	50%	1,652	-285	379	-467	26.45[ V]	ELA	Max	23,225	405,769	0.000	2,683	16	1,197,290
			459					Min	23,225	405,769	0.000	2,683	16	
	100%	1,622	-346	117	-663	28.62[	ELA	Max	23,225	405,769	0.000	2,683	16	1,197,290



Pilastri (AC) - Verifiche a pressoflessione deviata

Pilastro	%L <sub>LT</sub>	N <sub>Ed</sub>	V <sub>Ed</sub>	M <sub>Ed,3</sub>	M <sub>Ed,2</sub>	CS	Tp Vr	max/m in	M <sub>c,Rd</sub>	V <sub>c,Rd</sub>	ρ	A <sub>v</sub>	t <sub>w</sub>	N <sub>pl,Rd</sub>
	[%]	[N]	[N]	[N-m]	[N-m]				[N-m]	[N]		[mm <sup>2</sup> ]	[mm]	[N]
Pilastro Acciaio 4	0%	913	416	90	-1,466	14.76[V]	ELA	Min	23,225	405,769	0.000	2,683	16	1,197,290
			2,193					Max	23,225	405,769	0.000	2,683	16	
			-48					Min	23,225	405,769	0.000	2,683	16	
	50%	7,219	1,576	332	-308	29.77[S]	ELA	Max	23,225	405,769	0.000	2,683	16	1,197,290
			122					Min	23,225	405,769	0.000	2,683	16	
	100%	6,923	1,576	-359	1,204	13.68[S]	ELA	Max	23,225	405,769	0.000	2,683	16	1,197,290
Pilastro Acciaio 1	0%	1,507	416	1,622	-161	12.82[V]	ELA	Min	23,225	405,769	0.000	2,683	16	1,197,290
			2,398					Max	23,225	405,769	0.000	2,683	16	
			993					Min	23,225	405,769	0.000	2,683	16	
	50%	7,282	855	315	-378	27.84[S]	ELA	Max	23,225	405,769	0.000	2,683	16	1,197,290
			855					Min	23,225	405,769	0.000	2,683	16	
	100%	6,986	993	-740	967	12.61[S]	ELA	Max	23,225	405,769	0.000	2,683	16	1,197,290
Pilastro Acciaio 5	0%	17,744	416	-145	1,514	11.59[S]	ELA	Min	23,225	405,769	0.000	2,683	16	1,197,290
			2,227					Max	23,225	405,769	0.000	2,683	16	
			99					Min	23,225	405,769	0.000	2,683	16	
	50%	31,926	1,512	-1,479	467	9.05[V]	ELA	Max	23,225	405,769	0.000	2,683	16	1,197,290
			3					Min	23,225	405,769	0.000	2,683	16	
	100%	31,513	1,512	-2,336	494	6.75[V]	ELA	Max	23,225	405,769	0.000	2,683	16	1,197,290
Pilastro Acciaio 2	0%	34,750	416	-788	686	10.81[V]	ELA	Min	23,225	405,769	0.000	2,683	16	1,197,290
			1,440					Max	23,225	405,769	0.000	2,683	16	
			-583					Min	23,225	405,769	0.000	2,683	16	
	50%	32,795	1,590	-472	1,522	8.83[V]	ELA	Max	23,225	405,769	0.000	2,683	16	1,197,290
			-20					Min	23,225	405,769	0.000	2,683	16	
	100%	31,236	1,787	-471	2,536	6.43[V]	ELA	Max	23,225	405,769	0.000	2,683	16	1,197,290
Pilastro Acciaio 2	0%	20,760	416	-383	2,190	7.81[S]	ELA	Min	23,225	405,769	0.000	2,683	16	1,197,290
			2,039					Max	23,225	405,769	0.000	2,683	16	
			117					Min	23,225	405,769	0.000	2,683	16	
	50%	33,892	1,128	-522	433	14.40[V]	ELA	Max	23,225	405,769	0.000	2,683	16	1,197,290
			-831					Min	23,225	405,769	0.000	2,683	16	
	100%	20,290	2,039	-698	-390	15.68[S]	ELA	Max	23,225	405,769	0.000	2,683	16	1,197,290
Pilastro Acciaio 5	0%	20,597	416	-524	2,040	7.84[S]	ELA	Min	23,225	405,769	0.000	2,683	16	1,197,290
			2,285					Max	23,225	405,769	0.000	2,683	16	
			-125					Min	23,225	405,769	0.000	2,683	16	
	50%	20,383	2,285	-779	412	14.64[S]	ELA	Max	23,225	405,769	0.000	2,683	16	1,197,290
			-125					Min	23,225	405,769	0.000	2,683	16	
	100%	20,127	2,285	374	694	15.92[S]	ELA	Max	23,225	405,769	0.000	2,683	16	1,197,290
Pilastro Acciaio 4	0%	7,764	416	1,316	-1,699	7.34[S]	ELA	Min	23,225	405,769	0.000	2,683	16	1,197,290
			1,213					Max	23,225	405,769	0.000	2,683	16	
			786					Min	23,225	405,769	0.000	2,683	16	
	50%	-2,074	291	881	-774	13.70[V]	ELA	Max	23,225	405,769	0.000	2,683	16	1,197,290
			1,251					Min	23,225	405,769	0.000	2,683	16	
	100%	268	-791	274	-752	22.52[V]	ELA	Max	23,225	405,769	0.000	2,683	16	1,197,290
Pilastro Acciaio 1	0%	7,771	416	1,293	-1,717	7.35[S]	ELA	Min	23,225	405,769	0.000	2,683	16	1,197,290
			1,378					Max	23,225	405,769	0.000	2,683	16	
			627					Min	23,225	405,769	0.000	2,683	16	
	50%	7,557	1,378	767	-736	14.08[S]	ELA	Max	23,225	405,769	0.000	2,683	16	1,197,290
			627					Min	23,225	405,769	0.000	2,683	16	
	100%	-578	132	838	-310	20.04[V]	ELA	Max	23,225	405,769	0.000	2,683	16	1,197,290
Pilastro Acciaio 4	0%	-744	416	331	-1,250	14.56[V]	ELA	Min	23,225	405,769	0.000	2,683	16	1,197,290
			1,628					Max	23,225	405,769	0.000	2,683	16	
			-147					Min	23,225	405,769	0.000	2,683	16	
	50%	2,151	928	435	-317	29.26[V]	ELA	Max	23,225	405,769	0.000	2,683	16	1,197,290
			-240					Min	23,225	405,769	0.000	2,683	16	
	100%	6,695	1,639	-438	1,062	14.25[S]	ELA	Max	23,225	405,769	0.000	2,683	16	1,197,290
Pilastro Acciaio 1	0%	-1,776	416	1,215	-317	14.83[V]	ELA	Min	23,225	405,769	0.000	2,683	16	1,197,290
			207					Max	23,225	405,769	0.000	2,683	16	
			1,723					Min	23,225	405,769	0.000	2,683	16	
	50%	1,350	722	330	-525	26.36[V]	ELA	Max	23,225	405,769	0.000	2,683	16	1,197,290
			1,363					Min	23,225	405,769	0.000	2,683	16	
	100%	6,700	1,158	-742	786	14.01[S]	ELA	Max	23,225	405,769	0.000	2,683	16	1,197,290
Pilastro Acciaio 2	0%	15,981	416	494	-2,618	6.79[V]	ELA	Min	23,225	405,769	0.000	2,683	16	1,197,290
			2,361					Max	23,225	405,769	0.000	2,683	16	
			564					Min	23,225	405,769	0.000	2,683	16	
	50%	16,588	2,118	243	-1,546	11.00[V]	ELA	Max	23,225	405,769	0.000	2,683	16	1,197,290
			570					Min	23,225	405,769	0.000	2,683	16	
	100%	8,912	1,673	493	-244	25.53[S]	ELA	Max	23,225	405,769	0.000	2,683	16	1,197,290
Pilastro Acciaio 5	0%	16,607	713	2,429	-612	6.91[V]	ELA	Max	23,225	405,769	0.000	2,683	16	1,197,290
	50%	16,390	2,034	713	1,483	11.16[V]	ELA	Max	23,225	405,769	0.000	2,683	16	1,197,290



Pilastri (AC) - Verifiche a pressoflessione deviata

Pilastro	%L <sub>Li</sub>	N <sub>Ed</sub>	V <sub>Ed</sub>	M <sub>Ed,3</sub>	M <sub>Ed,2</sub>	CS	Tp Vr	max/m in	M <sub>c,Rd</sub>	V <sub>c,Rd</sub>	ρ	A <sub>v</sub>	t <sub>w</sub>	N <sub>pl,Rd</sub>
	[%]	[N]	[N]	[N-m]	[N-m]				[N-m]	[N]		[mm <sup>2</sup> ]	[mm]	[N]
Pilastro Acciaio 5	100%	8,909	2,034			V]		Min	23,225	405,769	0.000	2,683	16	1,197,290
			1,172	239	-499	25.50[	ELA	Max	23,225	405,769	0.000	2,683	16	
			608			S]		Min	23,225	405,769	0.000	2,683	16	
	0%	14,356	686	-731	62	21.68[	ELA	Max	23,225	405,769	0.000	2,683	16	
			904			V]		Min	23,225	405,769	0.000	2,683	16	
			686			11.84[	ELA	Max	23,225	405,769	0.000	2,683	16	
Pilastro Acciaio 5	50%	14,092	904	-1,242	446	V]		Min	23,225	405,769	0.000	2,683	16	1,197,290
			686			8.13[V	ELA	Max	23,225	405,769	0.000	2,683	16	
			904	-1,753	835	]		Min	23,225	405,769	0.000	2,683	16	
	100%	13,772	686			26.97[	ELA	Max	23,225	405,769	0.000	2,683	16	
			904			S]		Min	23,225	405,769	0.000	2,683	16	
			1,217	165	-668	96.79[	ELA	Max	23,225	405,769	0.000	2,683	16	
Pilastro Acciaio 4	0%	1,444	180			S]		Min	23,225	405,769	0.000	2,683	16	1,197,290
			1,217	89	-126	45.00[	ELA	Max	23,225	405,769	0.000	2,683	16	
			180			V]		Min	23,225	405,769	0.000	2,683	16	
	50%	1,286	935	-43	411	23.19[	ELA	Max	23,225	405,769	0.000	2,683	16	
			225			V]		Min	23,225	405,769	0.000	2,683	16	
			1,080	35	666	12.57[	ELA	Max	23,225	405,769	0.000	2,683	16	
Pilastro Acciaio 2	0%	15,499	359			V]		Min	23,225	405,769	0.000	2,683	16	1,197,290
			1,080	-363	1,218	8.36[V	ELA	Max	23,225	405,769	0.000	2,683	16	
			578			]		Min	23,225	405,769	0.000	2,683	16	
	50%	13,758	1,080	-690	1,829	22.70[	ELA	Max	23,225	405,769	0.000	2,683	16	
			578			S]		Min	23,225	405,769	0.000	2,683	16	
			1,080			71.18[	ELA	Max	23,225	405,769	0.000	2,683	16	
Pilastro Acciaio 1	0%	1,513	457	299	-695	S]		Min	23,225	405,769	0.000	2,683	16	1,197,290
			1,120	104	-196	41.38[	ELA	Max	23,225	405,769	0.000	2,683	16	
			457			V]		Min	23,225	405,769	0.000	2,683	16	
	50%	1,355	182	-488	13	36.50[	ELA	Max	23,225	405,769	0.000	2,683	16	
			1,030			V]		Min	23,225	405,769	0.000	2,683	16	
			986	-174	-318	16.89[	ELA	Max	23,225	405,769	0.000	2,683	16	
Pilastro Acciaio 2	0%	7,436	-839			V]		Min	23,225	405,769	0.000	2,683	16	1,197,290
			-1,142	313	-922	9.20[V	ELA	Max	23,225	405,769	0.000	2,683	16	
			-910			]		Min	23,225	405,769	0.000	2,683	16	
	50%	7,222	-1,142	824	-1,566	43.62[	ELA	Max	23,225	405,769	0.000	2,683	16	
			-910			V]		Min	23,225	405,769	0.000	2,683	16	
			-745	202	189	18.49[	ELA	Max	23,225	405,769	0.000	2,683	16	
Pilastro Acciaio 5	0%	7,289	-1,046			V]		Min	23,225	405,769	0.000	2,683	16	1,197,290
			-829	856	-257	9.29[V	ELA	Max	23,225	405,769	0.000	2,683	16	
			-1,380			]		Min	23,225	405,769	0.000	2,683	16	
	50%	7,371	-829			12.60[	ELA	Max	23,225	405,769	0.000	2,683	16	
			-1,380	1,637	-725	V]		Min	23,225	405,769	0.000	2,683	16	
			3,215	-117	-1,720	47.34[	ELA	Max	23,225	405,769	0.000	2,683	16	
Pilastro Acciaio 4	0%	362	57			V]		Min	23,225	405,769	0.000	2,683	16	1,197,290
			2,537	-308	173	9.88[V	ELA	Max	23,225	405,769	0.000	2,683	16	
			205			]		Min	23,225	405,769	0.000	2,683	16	
	50%	-496	3,187	-379	1,959	12.79[	ELA	Max	23,225	405,769	0.000	2,683	16	
			173			V]		Min	23,225	405,769	0.000	2,683	16	
			4	1,681	125	58.71[	ELA	Max	23,225	405,769	0.000	2,683	16	
Pilastro Acciaio 1	0%	527	3,099			V]		Min	23,225	405,769	0.000	2,683	16	1,197,290
			173	-128	258	10.34[	ELA	Max	23,225	405,769	0.000	2,683	16	
			2,960			V]		Min	23,225	405,769	0.000	2,683	16	
	50%	-495	181	-1,875	363	25.50[	ELA	Max	23,225	405,769	0.000	2,683	16	
			3,086			S]		Min	23,225	405,769	0.000	2,683	16	
			4			21.68[	ELA	Max	23,225	405,769	0.000	2,683	16	

LEGENDA:

<b>Pilastro</b>	Identificativo del pilastro. L'eventuale lettera tra parentesi distingue i diversi tratti della pilastrata al livello considerato.
<b>%L<sub>Li</sub></b>	Posizione della sezione per la quale vengono forniti i valori di verifica, valutata come % della lunghezza libera d'inflessione (L <sub>Li</sub> ), a partire dall'estremo iniziale.
<b>N<sub>Ed</sub></b>	Sforzo normale di progetto.
<b>V<sub>Ed</sub></b>	Taglio di progetto utilizzato per il calcolo di ρ.
<b>M<sub>Ed,3</sub></b>	Momento flettente di progetto intorno a 3.
<b>M<sub>Ed,2</sub></b>	Momento flettente di progetto intorno a 2.
<b>CS</b>	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).
<b>Tp Vr</b>	Tipo di verifica considerata: "PLS" = con Modulo di resistenza plastico; "ELA" = con modulo di resistenza elastico; "EFF" = con modulo di resistenza efficace.
<b>max/mi</b>	[max] = valore per la verifica con modulo di resistenza maggiore; [min] = valore per la verifica con modulo di resistenza minore.
<b>n</b>	
<b>M<sub>c,Rd</sub></b>	Momento resistente.
<b>V<sub>c,Rd</sub></b>	Taglio resistente.
<b>ρ</b>	Coefficiente riduttivo per presenza di taglio.
<b>A<sub>v</sub></b>	Area resistente a taglio.
<b>t<sub>w</sub></b>	Spessore anima.
<b>N<sub>pl,Rd</sub></b>	Resistenza plastica a Sforzo Normale.



## PILASTRI (AC) - VERIFICHE A TAGLIO (Elevazione) per pressoflessione deviata allo SLU

Pilastri (AC) - Verifiche a taglio								
Pilastro	%L <sub>LT</sub>	CS	A <sub>v</sub>	T <sub>T,Ed</sub>	V <sub>Ed</sub>	V <sub>c,Rd</sub>	P. Vrf.	Ω <sub>Min</sub>
	[%]		[mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N]	[N]		
<b>Piano copertura</b>								
Pilastro Acciaio 5	0%	NS	2,683	0.00	641	405,769	Piano YY	1.00
	50%	NS	2,683	0.00	595	405,769	Piano YY	1.00
	100%	NS	2,683	0.00	552	405,769	Piano YY	1.00
Pilastro Acciaio 4	0%	NS	2,683	0.00	-437	405,769	Piano XX	1.00
	50%	NS	2,683	0.00	-414	405,769	Piano XX	1.00
	100%	NS	2,683	0.00	-391	405,769	Piano XX	1.00
Pilastro Acciaio 1	0%	NS	2,683	0.00	-419	405,769	Piano XX	1.00
	50%	NS	2,683	0.00	-419	405,769	Piano XX	1.00
	100%	NS	2,683	0.00	-419	405,769	Piano XX	1.00
Pilastro Acciaio 2	0%	NS	2,683	0.00	545	405,769	Piano XX	1.00
	50%	NS	2,683	0.00	546	405,769	Piano XX	1.00
	100%	NS	2,683	0.00	546	405,769	Piano XX	1.00
Pilastro Acciaio 4	0%	NS	2,683	0.00	2,193	405,769	Piano YY	1.00
	50%	NS	2,683	0.00	2,193	405,769	Piano YY	1.00
	100%	NS	2,683	0.00	2,193	405,769	Piano YY	1.00
Pilastro Acciaio 1	0%	NS	2,683	0.00	2,398	405,769	Piano XX	1.00
	50%	NS	2,683	0.00	2,398	405,769	Piano XX	1.00
	100%	NS	2,683	0.00	2,398	405,769	Piano XX	1.00
Pilastro Acciaio 5	0%	NS	2,683	0.00	2,696	405,769	Piano XX	1.00
	50%	NS	2,683	0.00	2,696	405,769	Piano XX	1.00
	100%	NS	2,683	0.00	2,696	405,769	Piano XX	1.00
Pilastro Acciaio 2	0%	NS	2,683	0.00	2,736	405,769	Piano YY	1.00
	50%	NS	2,683	0.00	2,736	405,769	Piano YY	1.00
	100%	NS	2,683	0.00	2,736	405,769	Piano YY	1.00
Pilastro Acciaio 2	0%	NS	2,683	0.00	-2,377	405,769	Piano YY	1.00
	50%	NS	2,683	0.00	-2,377	405,769	Piano YY	1.00
	100%	NS	2,683	0.00	-2,377	405,769	Piano YY	1.00
Pilastro Acciaio 5	0%	NS	2,683	0.00	-2,358	405,769	Piano XX	1.00
	50%	NS	2,683	0.00	-2,358	405,769	Piano XX	1.00
	100%	NS	2,683	0.00	-2,358	405,769	Piano XX	1.00
Pilastro Acciaio 4	0%	NS	2,683	0.00	-1,764	405,769	Piano YY	1.00
	50%	NS	2,683	0.00	-1,764	405,769	Piano YY	1.00
	100%	NS	2,683	0.00	-1,764	405,769	Piano YY	1.00
Pilastro Acciaio 1	0%	NS	2,683	0.00	-1,809	405,769	Piano XX	1.00
	50%	NS	2,683	0.00	-1,809	405,769	Piano XX	1.00
	100%	NS	2,683	0.00	-1,809	405,769	Piano XX	1.00
Pilastro Acciaio 4	0%	NS	2,683	0.00	1,854	405,769	Piano YY	1.00
	50%	NS	2,683	0.00	1,854	405,769	Piano YY	1.00
	100%	NS	2,683	0.00	1,854	405,769	Piano YY	1.00
Pilastro Acciaio 1	0%	NS	2,683	0.00	1,897	405,769	Piano XX	1.00
	50%	NS	2,683	0.00	1,897	405,769	Piano XX	1.00
	100%	NS	2,683	0.00	1,897	405,769	Piano XX	1.00
Pilastro Acciaio 2	0%	NS	2,683	0.00	2,361	405,769	Piano YY	1.00
	50%	NS	2,683	0.00	2,361	405,769	Piano YY	1.00
	100%	NS	2,683	0.00	2,361	405,769	Piano YY	1.00
Pilastro Acciaio 5	0%	NS	2,683	0.00	2,317	405,769	Piano XX	1.00
	50%	NS	2,683	0.00	2,317	405,769	Piano XX	1.00
	100%	NS	2,683	0.00	2,317	405,769	Piano XX	1.00
Pilastro Acciaio 5	0%	NS	2,683	0.00	998	405,769	Piano XX	1.00
	50%	NS	2,683	0.00	998	405,769	Piano XX	1.00
	100%	NS	2,683	0.00	998	405,769	Piano XX	1.00
Pilastro Acciaio 4	0%	NS	2,683	0.00	1,217	405,769	Piano YY	1.00
	50%	NS	2,683	0.00	1,217	405,769	Piano YY	1.00
	100%	NS	2,683	0.00	1,217	405,769	Piano YY	1.00
Pilastro Acciaio 2	0%	NS	2,683	0.00	1,080	405,769	Piano YY	1.00
	50%	NS	2,683	0.00	1,080	405,769	Piano YY	1.00
	100%	NS	2,683	0.00	1,080	405,769	Piano YY	1.00
Pilastro Acciaio 1	0%	NS	2,683	0.00	1,369	405,769	Piano XX	1.00
	50%	NS	2,683	0.00	1,369	405,769	Piano XX	1.00
	100%	NS	2,683	0.00	1,369	405,769	Piano XX	1.00
Pilastro Acciaio 2	0%	NS	2,683	0.00	-1,142	405,769	Piano YY	1.00
	50%	NS	2,683	0.00	-1,142	405,769	Piano YY	1.00
	100%	NS	2,683	0.00	-1,142	405,769	Piano YY	1.00
Pilastro Acciaio 5	0%	NS	2,683	0.00	-1,380	405,769	Piano XX	1.00
	50%	NS	2,683	0.00	-1,380	405,769	Piano XX	1.00
	100%	NS	2,683	0.00	-1,380	405,769	Piano XX	1.00
Pilastro Acciaio 4	0%	NS	2,683	0.00	3,215	405,769	Piano YY	1.00
	50%	NS	2,683	0.00	3,215	405,769	Piano YY	1.00
	100%	NS	2,683	0.00	3,215	405,769	Piano YY	1.00
Pilastro Acciaio 1	0%	NS	2,683	0.00	3,099	405,769	Piano XX	1.00
	50%	NS	2,683	0.00	3,099	405,769	Piano XX	1.00
	100%	NS	2,683	0.00	3,099	405,769	Piano XX	1.00



**Pilastri (AC) - Verifiche a taglio**

Pilastro	%L <sub>LT</sub>	CS	A <sub>v</sub>	τ <sub>T,Ed</sub>	V <sub>Ed</sub>	V <sub>c,Rd</sub>	P. Vrf.	Ω <sub>Min</sub>
	[%]		[mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N]	[N]		

**LEGENDA:**

**Pilastro** Identificativo del pilastro. L'eventuale lettera tra parentesi distingue i diversi tratti della pilastriata al livello considerato.  
**%L<sub>LT</sub>** Posizione della sezione per la quale vengono forniti i valori di verifica, valutata come % della lunghezza libera d'inflessione (L<sub>LT</sub>), 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).  
**A<sub>v</sub>** Area resistente a taglio.  
**τ<sub>T,Ed</sub>** Tensione tangenziale di calcolo per torsione.  
**V<sub>Ed</sub>** Taglio di progetto.  
**V<sub>c,Rd</sub>** Taglio resistente.  
**P. Vrf.** Piano di minima resistenza.  
**Ω<sub>Min</sub>** Rapporto minimo momento plastico/momento progetto travi concorrenti.

**PILASTRI (AC) - VERIFICHE INSTABILITÀ A PRESSOFLESSIONE DEVIATA (Elevazione)**

**Pilastri (AC) - Verifiche instabilità a pressoflessione deviata**

Pilastro	N <sub>Ed</sub>	M <sub>Ed,3</sub>	M <sub>Ed,2</sub>	CS	L <sub>N</sub>	L <sub>LT,FisT</sub>	Dir	λ	α	φ	χ	β	k <sub>c</sub>	χ <sub>LT</sub>	N <sub>cr</sub>
	[N]	[N-m]	[N-m]		[m]	[m]									[N]
<b>Piano copertura</b>															
Pilastro Acciaio 5	1,484	501	508	22.36	1.13	0.57	x-x	0.012	0.340	0.555	0.969	1.000	0.856	1.000	15,415,180
							y-y	0.012	0.340	0.555	0.969	1.000	0.940	1.000	
Pilastro Acciaio 4	308	342	543	26.06	1.13	0.57	x-x	0.011	0.340	0.555	0.969	1.000	0.860	1.000	15,415,180
							y-y	0.012	0.340	0.555	0.969	1.000	0.870	1.000	
Pilastro Acciaio 1	354	512	289	28.74	1.13	0.57	x-x	0.012	0.340	0.555	0.969	1.000	0.870	1.000	15,415,180
							y-y	0.010	0.340	0.555	0.969	1.000	0.776	1.000	
Pilastro Acciaio 2	1,624	428	493	24.36	1.13	0.57	x-x	0.011	0.340	0.555	0.969	1.000	0.788	1.000	15,415,180
							y-y	0.012	0.340	0.555	0.969	1.000	0.853	1.000	
Pilastro Acciaio 4	7,172	455	350	24.48	1.13	0.57	x-x	0.009	0.340	0.555	0.969	1.000	0.602	1.000	15,415,180
							y-y	0.011	0.340	0.555	0.969	1.000	0.790	1.000	
Pilastro Acciaio 1	7,236	362	509	22.85	1.13	0.57	x-x	0.011	0.340	0.555	0.969	1.000	0.782	1.000	15,415,180
							y-y	0.009	0.340	0.555	0.969	1.000	0.602	1.000	
Pilastro Acciaio 5	32,426	1,651	582	8.05	1.13	0.57	x-x	0.011	0.340	0.555	0.969	1.000	0.796	1.000	15,415,180
							y-y	0.011	0.340	0.555	0.969	1.000	0.860	1.000	
Pilastro Acciaio 2	34,412	523	1,663	8.07	1.13	0.57	x-x	0.011	0.340	0.555	0.969	1.000	0.783	1.000	15,415,180
							y-y	0.011	0.340	0.555	0.969	1.000	0.812	1.000	
Pilastro Acciaio 2	33,864	620	850	10.78	1.19	0.60	x-x	0.010	0.340	0.562	0.964	1.000	0.757	1.000	13,899,896
							y-y	0.011	0.340	0.562	0.964	1.000	0.770	1.000	
Pilastro Acciaio 5	20,362	1,060	418	12.29	1.19	0.60	x-x	0.009	0.340	0.562	0.964	1.000	0.602	1.000	13,899,896
							y-y	0.013	0.340	0.562	0.964	1.000	0.956	1.000	
Pilastro Acciaio 4	7,529	852	955	11.85	1.19	0.60	x-x	0.010	0.340	0.562	0.964	1.000	0.775	1.000	13,899,896
							y-y	0.010	0.340	0.562	0.964	1.000	0.602	1.000	
Pilastro Acciaio 1	7,536	909	897	11.86	1.19	0.60	x-x	0.011	0.340	0.562	0.964	1.000	0.803	1.000	13,899,896
							y-y	0.009	0.340	0.562	0.964	1.000	0.602	1.000	
Pilastro Acciaio 4	2,123	546	424	22.94	1.13	0.57	x-x	0.011	0.340	0.555	0.969	1.000	0.860	1.000	15,415,180
							y-y	0.009	0.340	0.555	0.969	1.000	0.602	1.000	
Pilastro Acciaio 1	1,322	483	609	20.76	1.13	0.57	x-x	0.008	0.340	0.555	0.969	1.000	0.602	1.000	15,415,180
							y-y	0.011	0.340	0.555	0.969	1.000	0.776	1.000	
Pilastro Acciaio 2	16,560	295	1,741	9.83	0.93	0.47	x-x	0.009	0.340	0.534	0.988	1.000	0.602	1.000	22,758,288
							y-y	0.010	0.340	0.534	0.988	1.000	0.796	1.000	
Pilastro Acciaio 5	16,362	1,673	346	9.92	0.93	0.47	x-x	0.010	0.340	0.534	0.988	1.000	0.796	1.000	22,758,288
							y-y	0.009	0.340	0.534	0.988	1.000	0.602	1.000	
Pilastro Acciaio 5	14,064	1,344	526	10.79	1.13	0.57	x-x	0.012	0.340	0.555	0.969	1.000	0.839	1.000	15,415,180
							y-y	0.010	0.340	0.555	0.969	1.000	0.766	1.000	
Pilastro Acciaio 4	1,264	105	267	58.54	0.88	0.44	x-x	0.009	0.340	0.529	0.992	1.000	0.770	1.000	25,417,927
							y-y	0.007	0.340	0.529	0.992	1.000	0.602	1.000	
Pilastro Acciaio 2	13,730	429	1,341	11.35	1.13	0.57	x-x	0.010	0.340	0.555	0.969	1.000	0.762	1.000	15,415,180
							y-y	0.011	0.340	0.555	0.969	1.000	0.820	1.000	
Pilastro Acciaio 1	1,334	315	138	48.48	0.88	0.44	x-x	0.007	0.340	0.529	0.992	1.000	0.602	1.000	25,417,927
							y-y	0.010	0.340	0.529	0.992	1.000	0.784	1.000	
Pilastro Acciaio 2	7,194	413	1,050	14.45	1.13	0.57	x-x	0.009	0.340	0.555	0.969	1.000	0.602	1.000	15,415,180
							y-y	0.011	0.340	0.555	0.969	1.000	0.786	1.000	
Pilastro Acciaio 5	7,343	1,014	351	15.35	1.13	0.57	x-x	0.010	0.340	0.555	0.969	1.000	0.761	1.000	15,415,180
							y-y	0.009	0.340	0.555	0.969	1.000	0.602	1.000	
Pilastro Acciaio 4	185	289	736	22.58	1.13	0.57	x-x	0.012	0.340	0.555	0.969	1.000	0.847	1.000	15,415,180
							y-y	0.008	0.340	0.555	0.969	1.000	0.602	1.000	
Pilastro Acciaio 1	350	705	267	23.72	1.13	0.57	x-x	0.008	0.340	0.555	0.969	1.000	0.602	1.000	15,415,180
							y-y	0.012	0.340	0.555	0.969	1.000	0.835	1.000	

**LEGENDA:**

**Pilastro** Identificativo del pilastro. L'eventuale lettera tra parentesi distingue i diversi tratti della pilastriata al livello considerato.  
**N<sub>Ed</sub>** Sforzo normale di progetto.  
**M<sub>Ed,3</sub>** Momento flettente di progetto intorno a 3.  
**M<sub>Ed,2</sub>** Momento flettente di progetto intorno a 2.



**Pilastrici (AC) - Verifiche instabilità a pressoflessione deviata**

Pilastrici	N <sub>Ed</sub>	M <sub>Ed,3</sub>	M <sub>Ed,2</sub>	CS	L <sub>N</sub>	L <sub>LT,FisT</sub>	Dir	λ	α	φ	χ	β	k <sub>c</sub>	χ <sub>LT</sub>	N <sub>cr</sub>
	[N]	[N-m]	[N-m]		[m]	[m]									[N]

**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).

**L<sub>N</sub>** Luce netta.

**L<sub>LT,FisT</sub>** Luce libera per instabilità flessotorsionale.

**λ** Coefficiente di snellezza adimensionale.

**α** Fattore di imperfezione.

**φ** Coefficiente φ (per il calcolo di χ).

**χ** Coefficiente di riduzione per instabilità a compressione.

**β** Coefficiente di riduzione della luce libera di inflessione.

**k<sub>c</sub>** Coefficiente per il calcolo di χ<sub>LT</sub>.

**χ<sub>LT</sub>** Coefficiente di riduzione ai fini dell'instabilità flessotorsionale.

**N<sub>cr</sub>** Sforzo Normale Critico Euleriano.

**Pareti - VERIFICHE PRESSOFLESSIONE RETTA ALLO SLU (Elevazione)**

**Pareti - Verifiche pressoflessione retta allo SLU**

Dir	Pos	Nod o	N <sub>Ed</sub>	M <sub>Ed</sub>	A <sub>s</sub>	A <sub>df</sub>	CS	Nod o	N <sub>Ed</sub>	M <sub>Ed</sub>	A <sub>s</sub>	A <sub>df</sub>	CS	Nod o	N <sub>Ed</sub>	M <sub>Ed</sub>	A <sub>s</sub>	A <sub>df</sub>	CS
			[N]	[N-m]	[cm <sup>2</sup> /cm]	[cm <sup>2</sup> /cm]			[N]	[N-m]	[cm <sup>2</sup> /cm]	[cm <sup>2</sup> /cm]			[N]	[N-m]	[cm <sup>2</sup> /cm]	[cm <sup>2</sup> /cm]	

**Piano Terra**

**Parete 1-2**

P	A	00010	0	0	0.04524	0.04524	-	00015	0	0	0.04524	0.04524	-	00067	-12,216	518	0.04524	0.04524	95.98
P	P		-12,088	2,086	0.04524	0.04524	23.83		-1,223	1,553	0.04524	0.04524	31.11		0	0	0.04524	0.04524	-
S	A		0	0	0.04524	0.04524	-		-3,374	141	0.04524	0.04524	NS		-11,227	1,623	0.04524	0.04524	30.56
P	P		-22,464	876	0.04524	0.04524	58.25		-9,352	458	0.04524	0.04524	NS		0	0	0.04524	0.04524	-
P	A	00068	3,810	628	0.04524	0.04524	75.91	00069	7,898	195	0.04524	0.04524	NS	00070	-1,014	43	0.04524	0.04524	NS
P	P		-75,499	940	0.04524	0.04524	61.48		7,898	399	0.04524	0.04524	NS		4,578	370	0.04524	0.04524	NS
S	A		-1,951	1,723	0.04524	0.04524	28.09		-8,592	20	0.04524	0.04524	NS		0	0	0.04524	0.04524	-
P	P		-15,213	370	0.04524	0.04524	NS		14,522	610	0.04524	0.04524	75.90		15,607	1,209	0.04524	0.04524	38.18
P	A	00071	10,864	119	0.04524	0.04524	NS	00072	27,208	1,063	0.04524	0.04524	42.03	00073	749	520	0.04524	0.04524	92.43
P	P		10,864	206	0.04524	0.04524	NS		27,208	258	0.04524	0.04524	NS		0	0	0.04524	0.04524	-
S	A		4,262	34	0.04524	0.04524	NS		6,233	2,107	0.04524	0.04524	22.48		-5,182	1,329	0.04524	0.04524	36.73
P	P		35,049	604	0.04524	0.04524	72.31		-674	207	0.04524	0.04524	NS		0	0	0.04524	0.04524	-
P	A	00109	-4,321	521	0.04524	0.04524	93.49	00110	-2,997	840	0.04524	0.04524	57.79	00111	-957	668	0.04524	0.04524	72.28
P	P		-18,923	624	0.04524	0.04524	81.05		-16,803	547	0.04524	0.04524	91.97		-15,807	574	0.04524	0.04524	87.42
S	A		-3,118	209	0.04524	0.04524	NS		-1,422	240	0.04524	0.04524	NS		-1,429	244	0.04524	0.04524	NS
P	P		-4,487	95	0.04524	0.04524	NS		-5,258	125	0.04524	0.04524	NS		-4,024	134	0.04524	0.04524	NS
P	A	00115	0	0	0.04524	0.04524	-	00116	-453	1,303	0.04524	0.04524	37.00	00117	1,875	1,369	0.04524	0.04524	35.00
P	P		-8,470	968	0.04524	0.04524	50.87		-453	1,584	0.04524	0.04524	30.44		1,875	1,447	0.04524	0.04524	33.12
S	A		0	0	0.04524	0.04524	-		-445	799	0.04524	0.04524	60.34		2,841	657	0.04524	0.04524	72.75
P	P		-9,004	210	0.04524	0.04524	NS		1,783	51	0.04524	0.04524	NS		4,615	194	0.04524	0.04524	NS
P	A	00118	0	0	0.04524	0.04524	-	00119	0	0	0.04524	0.04524	-	00120	-4,029	125	0.04524	0.04524	NS
P	P		-913	937	0.04524	0.04524	51.52		-2,277	1,309	0.04524	0.04524	37.01		-2,318	1,005	0.04524	0.04524	48.21
S	A		0	0	0.04524	0.04524	-		0	0	0.04524	0.04524	-		0	0	0.04524	0.04524	-
P	P		-4,837	130	0.04524	0.04524	NS		-5,956	917	0.04524	0.04524	53.35		-2,678	1,086	0.04524	0.04524	44.66
P	A	00121	-7,352	33	0.04524	0.04524	NS	00144	2,059	5,238	0.04524	0.04524	9.14	00147	11,553	4,834	0.04524	0.04524	9.66
P	P		-4,789	1,600	0.04524	0.04524	30.48		2,059	4,880	0.04524	0.04524	9.81		11,553	3,616	0.04524	0.04524	12.91
S	A		-2,609	10	0.04524	0.04524	NS		10,920	2,665	0.04524	0.04524	17.55		13,374	2,677	0.04524	0.04524	17.35



Pareti - Verifiche pressoflessione retta allo SLU

Dir	Pos	Nod o	N <sub>Ed</sub>	M <sub>Ed</sub>	A <sub>s</sub>	A <sub>df</sub>	CS	Nod o	N <sub>Ed</sub>	M <sub>Ed</sub>	A <sub>s</sub>	A <sub>df</sub>	CS	Nod o	N <sub>Ed</sub>	M <sub>Ed</sub>	A <sub>s</sub>	A <sub>df</sub>	CS
			[N]	[N-m]	[cm <sup>2</sup> /cm]	[cm <sup>2</sup> /cm]			[N]	[N-m]	[cm <sup>2</sup> /cm]	[cm <sup>2</sup> /cm]			[N]	[N-m]	[cm <sup>2</sup> /cm]	[cm <sup>2</sup> /cm]	
	P		-6,814	1,104	0.045 24	0.045 24	44.41		10,79 7	27	0.045 24	0.045 24	NS		6,781	600	0.045 24	0.045 24	78.82
Piano Terra			Parete 4-5										Parete 4-5						
P	A	0000 9	-11,37 1	2,037	0.045 24	0.045 24	24.36	0001 6	-717	1,479	0.045 24	0.045 24	32.62	0009 0	0	0	0.045 24	0.045 24	-
	P		0	0	0.045 24	0.045 24	-		-717	24	0.045 24	0.045 24	NS		1,083	510	0.045 24	0.045 24	94.16
S	A		-22,43 3	758	0.045 24	0.045 24	67.31		-11,00 0	402	0.045 24	0.045 24	NS		0	0	0.045 24	0.045 24	-
	P		0	0	0.045 24	0.045 24	-		-3,164	157	0.045 24	0.045 24	NS		-5,039	1,274	0.045 24	0.045 24	38.31
P	A	0009 1	-27,87 9	326	0.045 24	0.045 24	NS	0009 5	0	0	0.045 24	0.045 24	-	0009 6	-70,17 2	781	0.045 24	0.045 24	73.13
	P		27,56 9	1,066	0.045 24	0.045 24	41.87		-12,11 9	566	0.045 24	0.045 24	87.82		4,465	588	0.045 24	0.045 24	80.93
S	A		-3,626	206	0.045 24	0.045 24	NS		0	0	0.045 24	0.045 24	-		-12,89 9	388	0.045 24	0.045 24	NS
	P		6,356	2,096	0.045 24	0.045 24	22.59		-11,24 9	1,582	0.045 24	0.045 24	31.35		-1,143	1,728	0.045 24	0.045 24	27.95
P	A	0010 0	7,572	406	0.045 24	0.045 24	NS	0010 1	4,518	374	0.045 24	0.045 24	NS	0010 2	10,84 1	207	0.045 24	0.045 24	NS
	P		7,572	199	0.045 24	0.045 24	NS		-2,841	113	0.045 24	0.045 24	NS		10,84 1	119	0.045 24	0.045 24	NS
S	A		14,07 5	632	0.045 24	0.045 24	73.35		15,53 2	1,194	0.045 24	0.045 24	38.67		35,00 8	608	0.045 24	0.045 24	71.84
	P		2,647	54	0.045 24	0.045 24	NS		0	0	0.045 24	0.045 24	-		-13,95 9	34	0.045 24	0.045 24	NS
P	A	0010 6	-21,43 5	647	0.045 24	0.045 24	78.67	0010 7	-15,51 0	204	0.045 24	0.045 24	NS	0010 8	-15,18 0	555	0.045 24	0.045 24	90.27
	P		-3,790	458	0.045 24	0.045 24	NS		-3,109	967	0.045 24	0.045 24	50.21		-794	716	0.045 24	0.045 24	67.40
S	A		-4,182	129	0.045 24	0.045 24	NS		0	0	0.045 24	0.045 24	-		-4,102	133	0.045 24	0.045 24	NS
	P		-3,328	175	0.045 24	0.045 24	NS		-3,502	255	0.045 24	0.045 24	NS		-1,453	257	0.045 24	0.045 24	NS
P	A	0013 7	-7,757	941	0.045 24	0.045 24	52.23	0013 8	-196	1,624	0.045 24	0.045 24	29.67	0013 9	1,995	1,447	0.045 24	0.045 24	33.11
	P		0	0	0.045 24	0.045 24	-		-196	1,336	0.045 24	0.045 24	36.07		1,995	1,378	0.045 24	0.045 24	34.76
S	A		-9,072	209	0.045 24	0.045 24	NS		737	209	0.045 24	0.045 24	NS		4,535	68	0.045 24	0.045 24	NS
	P		0	0	0.045 24	0.045 24	-		-438	782	0.045 24	0.045 24	61.65		2,848	656	0.045 24	0.045 24	72.86
P	A	0014 0	-547	898	0.045 24	0.045 24	53.71	0014 1	-2,332	1,235	0.045 24	0.045 24	39.24	0014 2	-2,280	1,001	0.045 24	0.045 24	48.40
	P		-1,803	61	0.045 24	0.045 24	NS		-7,042	155	0.045 24	0.045 24	NS		-3,756	333	0.045 24	0.045 24	NS
S	A		-4,772	135	0.045 24	0.045 24	NS		-5,701	887	0.045 24	0.045 24	55.11		-2,661	1,077	0.045 24	0.045 24	45.03
	P		-727	21	0.045 24	0.045 24	NS		-1,678	67	0.045 24	0.045 24	NS		0	0	0.045 24	0.045 24	-
P	A	0014 3	-4,613	1,583	0.045 24	0.045 24	30.79	0014 5	3,114	4,878	0.045 24	0.045 24	9.79	0014 6	11,85 3	3,639	0.045 24	0.045 24	12.82
	P		-6,875	147	0.045 24	0.045 24	NS		3,114	5,204	0.045 24	0.045 24	9.18		11,85 3	4,853	0.045 24	0.045 24	9.61
S	A		-6,683	1,105	0.045 24	0.045 24	44.36		1,347	237	0.045 24	0.045 24	NS		8,675	311	0.045 24	0.045 24	NS
	P		-3,112	24	0.045 24	0.045 24	NS		10,69 4	2,658	0.045 24	0.045 24	17.60		13,37 9	2,668	0.045 24	0.045 24	17.41
Piano Terra			Parete 1-4										Parete 1-4						
P	A	0001 5	-16,70 1	1,106	0.045 24	0.045 24	45.47	0001 6	-21,81 6	1,197	0.045 24	0.045 24	42.56	0007 2	-19,13 4	262	0.045 24	0.045 24	NS
	P		-1,579	129	0.045 24	0.045 24	NS		177	198	0.045 24	0.045 24	NS		21,06 4	1,030	0.045 24	0.045 24	44.14
S	A		-7,346	380	0.045 24	0.045 24	NS		-9,729	409	0.045 24	0.045 24	NS		-3,859	265	0.045 24	0.045 24	NS
	P		-991	112	0.045 24	0.045 24	NS		-736	138	0.045 24	0.045 24	NS		8,072	2,465	0.045 24	0.045 24	19.12
P	A	0007 3	0	0	0.045 24	0.045 24	-	0009 0	0	0	0.045 24	0.045 24	-	0009 1	-23,28 7	258	0.045 24	0.045 24	NS
	P		3,197	583	0.045 24	0.045 24	81.90		3,706	576	0.045 24	0.045 24	82.79		21,32 1	1,029	0.045 24	0.045 24	44.15
S	A		-4,116	25	0.045	0.045	NS		-2,934	19	0.045	0.045	NS		-5,834	229	0.045	0.045	NS



Pareti - Verifiche pressoflessione retta allo SLU

Dir	Pos	Nodo	N <sub>Ed</sub>	M <sub>Ed</sub>	A <sub>s</sub>	A <sub>df</sub>	CS	Nodo	N <sub>Ed</sub>	M <sub>Ed</sub>	A <sub>s</sub>	A <sub>df</sub>	CS	Nodo	N <sub>Ed</sub>	M <sub>Ed</sub>	A <sub>s</sub>	A <sub>df</sub>	CS
			[N]	[N-m]	[cm <sup>2</sup> /cm]	[cm <sup>2</sup> /cm]			[N]	[N-m]	[cm <sup>2</sup> /cm]	[cm <sup>2</sup> /cm]			[N]	[N-m]	[cm <sup>2</sup> /cm]	[cm <sup>2</sup> /cm]	
	P		-15,27 1	2,818	0.045 24	0.045 24	17.78		-14,81 6	2,784	0.045 24	0.045 24	17.98		8,277	2,453	0.045 24	0.045 24	19.20
P	A	0009 2	14,21 6	35	0.045 24	0.045 24	NS	0009 3	-317	264	0.045 24	0.045 24	NS	0009 4	14,20 2	33	0.045 24	0.045 24	NS
	P		14,21 6	224	0.045 24	0.045 24	NS		-443	60	0.045 24	0.045 24	NS		14,20 2	224	0.045 24	0.045 24	NS
S	A		21,65 7	541	0.045 24	0.045 24	83.90		4,508	983	0.045 24	0.045 24	48.40		21,50 7	519	0.045 24	0.045 24	87.49
	P		-25,16 1	191	0.045 24	0.045 24	NS		-7,107	96	0.045 24	0.045 24	NS		-11,48 9	54	0.045 24	0.045 24	NS
P	A	0011 2	-14,60 4	434	0.045 24	0.045 24	NS	0011 3	-17,58 6	515	0.045 24	0.045 24	97.87	0011 4	-16,42 1	568	0.045 24	0.045 24	88.48
	P		-5,446	740	0.045 24	0.045 24	66.02		-8,724	1,169	0.045 24	0.045 24	42.15		-5,207	636	0.045 24	0.045 24	76.77
S	A		-4,290	95	0.045 24	0.045 24	NS		-2,278	78	0.045 24	0.045 24	NS		-4,809	155	0.045 24	0.045 24	NS
	P		-4,019	210	0.045 24	0.045 24	NS		-308	213	0.045 24	0.045 24	NS		-3,674	179	0.045 24	0.045 24	NS
P	A	0012 5	-4,752	728	0.045 24	0.045 24	66.99	0012 6	670	1,505	0.045 24	0.045 24	31.94	0012 7	569	1,506	0.045 24	0.045 24	31.93
	P		-170	167	0.045 24	0.045 24	NS		670	1,231	0.045 24	0.045 24	39.05		569	1,223	0.045 24	0.045 24	39.32
S	A		-5,827	365	0.045 24	0.045 24	NS		466	123	0.045 24	0.045 24	NS		244	106	0.045 24	0.045 24	NS
	P		2,007	79	0.045 24	0.045 24	NS		-3,257	432	0.045 24	0.045 24	NS		-3,297	478	0.045 24	0.045 24	NS
P	A	0012 8	-4,402	704	0.045 24	0.045 24	69.21	0012 9	-6,508	1,233	0.045 24	0.045 24	39.73	0013 0	-1,969	889	0.045 24	0.045 24	54.45
	P		-1,026	173	0.045 24	0.045 24	NS		-5,248	190	0.045 24	0.045 24	NS		-3,056	105	0.045 24	0.045 24	NS
S	A		-6,084	325	0.045 24	0.045 24	NS		-5,275	815	0.045 24	0.045 24	59.92		-4,643	1,191	0.045 24	0.045 24	40.93
	P		129	72	0.045 24	0.045 24	NS		-847	55	0.045 24	0.045 24	NS		-1,828	27	0.045 24	0.045 24	NS
P	A	0014 6	12,60 8	4,144	0.045 24	0.045 24	11.23	0014 7	12,34 3	4,139	0.045 24	0.045 24	11.25						
	P		12,60 8	5,126	0.045 24	0.045 24	9.08		12,34 3	5,106	0.045 24	0.045 24	9.12						
S	A		6,878	683	0.045 24	0.045 24	69.22		3,999	563	0.045 24	0.045 24	84.63						
	P		11,04 5	2,732	0.045 24	0.045 24	17.11		10,96 5	2,743	0.045 24	0.045 24	17.05						
Piano Terra			Parete 2-5										Parete 2-5						
P	A	0000 9	0	0	0.045 24	0.045 24	-	0001 0	0	0	0.045 24	0.045 24	-	0006 7	-13,56 2	561	0.045 24	0.045 24	88.93
	P		-45,35 6	2,744	0.045 24	0.045 24	19.66		-47,07 7	2,747	0.045 24	0.045 24	19.72		0	0	0.045 24	0.045 24	-
S	A		0	0	0.045 24	0.045 24	-		0	0	0.045 24	0.045 24	-		-9,115	2,312	0.045 24	0.045 24	21.33
	P		-20,98 1	922	0.045 24	0.045 24	55.14		-21,79 4	988	0.045 24	0.045 24	51.56		0	0	0.045 24	0.045 24	-
P	A	0006 8	8,202	477	0.045 24	0.045 24	98.76	0009 5	-14,06 5	650	0.045 24	0.045 24	76.85	0009 6	984	661	0.045 24	0.045 24	72.67
	P		-81,81 2	871	0.045 24	0.045 24	67.27		0	0	0.045 24	0.045 24	-		-62,00 0	822	0.045 24	0.045 24	68.21
S	A		4,586	2,975	0.045 24	0.045 24	15.99		-15,49 1	2,926	0.045 24	0.045 24	17.14		731	2,146	0.045 24	0.045 24	22.40
	P		-30,89 1	728	0.045 24	0.045 24	71.57		0	0	0.045 24	0.045 24	-		-20,89 6	432	0.045 24	0.045 24	NS
P	A	0009 7	12,77 1	152	0.045 24	0.045 24	NS	0009 8	1,737	159	0.045 24	0.045 24	NS	0009 9	11,90 9	160	0.045 24	0.045 24	NS
	P		575	97	0.045 24	0.045 24	NS		776	202	0.045 24	0.045 24	NS		1,697	96	0.045 24	0.045 24	NS
S	A		0	0	0.045 24	0.045 24	-		0	0	0.045 24	0.045 24	-		26,42 2	13	0.045 24	0.045 24	NS
	P		35,32 5	531	0.045 24	0.045 24	82.18		25,63 6	1,088	0.045 24	0.045 24	41.25		26,42 2	479	0.045 24	0.045 24	93.48
P	A	0010 3	-11,95 6	85	0.045 24	0.045 24	NS	0010 4	-16,38 4	740	0.045 24	0.045 24	67.91	0010 5	-12,42 5	318	0.045 24	0.045 24	NS
	P		-34,03 7	1,281	0.045 24	0.045 24	40.99		-37,16 4	929	0.045 24	0.045 24	56.95		-36,76 0	841	0.045 24	0.045 24	62.85
S	A		-5,200	81	0.045	0.045	NS		-1,361	171	0.045	0.045	NS		-5,182	185	0.045	0.045	NS



**Pareti - Verifiche pressoflessione retta allo SLU**

Dir	Pos	Nod o	N <sub>Ed</sub>	M <sub>Ed</sub>	A <sub>s</sub>	A <sub>df</sub>	CS	Nod o	N <sub>Ed</sub>	M <sub>Ed</sub>	A <sub>s</sub>	A <sub>df</sub>	CS	Nod o	N <sub>Ed</sub>	M <sub>Ed</sub>	A <sub>s</sub>	A <sub>df</sub>	CS
			[N]	[N-m]	[cm <sup>2</sup> /cm]	[cm <sup>2</sup> /cm]			[N]	[N-m]	[cm <sup>2</sup> /cm]	[cm <sup>2</sup> /cm]			[N]	[N-m]	[cm <sup>2</sup> /cm]	[cm <sup>2</sup> /cm]	
	P		-9,342	341	24 0.045 24	24 0.045 24	NS		-4,898	160	24 0.045 24	24 0.045 24	NS		-9,832	153	24 0.045 24	24 0.045 24	NS
P	A	0013 1	0	0	0.045 24 0.045 24	0.045 24 0.045 24	-	0013 2	-14,71 1	736	0.045 24 0.045 24	0.045 24 0.045 24	67.99	0013 3	-13,62 6	422	0.045 24 0.045 24	0.045 24 0.045 24	NS
	P		-13,51 2	986	0.045 24 0.045 24	0.045 24 0.045 24	50.59		-14,71 1	1,570	0.045 24 0.045 24	0.045 24 0.045 24	31.87		-13,62 6	1,622	0.045 24 0.045 24	0.045 24 0.045 24	30.76
S	A		0	0	0.045 24 0.045 24	0.045 24 0.045 24	-		588	485	0.045 24 0.045 24	0.045 24 0.045 24	99.14		3,455	206	0.045 24 0.045 24	0.045 24 0.045 24	NS
	P		-8,865	470	0.045 24 0.045 24	0.045 24 0.045 24	NS		2,779	37	0.045 24 0.045 24	0.045 24 0.045 24	NS		-3,486	201	0.045 24 0.045 24	0.045 24 0.045 24	NS
P	A	0013 4	0	0	0.045 24 0.045 24	0.045 24 0.045 24	-	0013 5	0	0	0.045 24 0.045 24	0.045 24 0.045 24	-	0013 6	0	0	0.045 24 0.045 24	0.045 24 0.045 24	-
	P		-14,44 8	869	0.045 24 0.045 24	0.045 24 0.045 24	57.54		-12,62 4	1,575	0.045 24 0.045 24	0.045 24 0.045 24	31.60		-4,263	936	0.045 24 0.045 24	0.045 24 0.045 24	52.03
S	A		0	0	0.045 24 0.045 24	0.045 24 0.045 24	-		0	0	0.045 24 0.045 24	0.045 24 0.045 24	-		0	0	0.045 24 0.045 24	0.045 24 0.045 24	-
	P		-11,51 5	183	0.045 24 0.045 24	0.045 24 0.045 24	NS		-9,444	930	0.045 24 0.045 24	0.045 24 0.045 24	53.08		-742	1,102	0.045 24 0.045 24	0.045 24 0.045 24	43.79
P	A	0014 4	-24,54 8	3,784	0.045 24 0.045 24	0.045 24 0.045 24	13.56	0014 5	-24,31 4	3,771	0.045 24 0.045 24	0.045 24 0.045 24	13.59						
	P		-24,54 8	3,771	0.045 24 0.045 24	0.045 24 0.045 24	13.60		-24,31 4	3,757	0.045 24 0.045 24	0.045 24 0.045 24	13.65						
S	A		16,03 3	2,155	0.045 24 0.045 24	0.045 24 0.045 24	21.40		17,71 5	2,385	0.045 24 0.045 24	0.045 24 0.045 24	19.24						
	P		0	0	0.045 24 0.045 24	0.045 24 0.045 24	-		13,56 0	154	0.045 24 0.045 24	0.045 24 0.045 24	NS						

**LEGENDA:**

**Dir** Direzione [P] = principale (asse locale 1) - [S] = secondaria (asse locale 2).

**Pos** Posizione [A] = anteriore - [P] = posteriore.

**A<sub>s</sub>** Area delle armature esecutive per unità di lunghezza.

**A<sub>df</sub>** Armatura disponibile per la flessione

**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<sub>Ed</sub>, M<sub>Ed</sub>** Sollecitazioni di progetto (N<sub>Ed</sub> > 0: compressione).

**Pareti - VERIFICHE A TAGLIO PER PRESSOFLESSIONE RETTA ALLO SLU (Elevazione)**

**Pareti - Verifiche a taglio per pressoflessione retta allo SLU**

Id <sub>Nd</sub>	V <sub>Ed,2</sub>	CS	V <sub>Rcd</sub>	V <sub>Rsd,s</sub>	N <sub>Ed</sub>	V <sub>Rsd,p</sub>	V <sub>R1</sub>	V <sub>fd</sub>	Ctg <sub>θ</sub>	A <sub>sw</sub>	A <sub>dw</sub>
	[N]		[N]	[N]	[N]	[N]	[N]	[N]		[cm <sup>2</sup> /cm]	[cm <sup>2</sup> /cm]
<b>Piano Terra</b>											
<b>Parete 1-2</b>						<b>Parete 1-2</b>					
00010	2,617	40.05	104,816	0	18,603	0	0	0	0.00	0.0452	0.00000
00015	2,483	41.92	104,096	0	13,805	0	0	0	0.00	0.0452	0.00000
00067	5,317	19.75	104,999	0	19,823	0	0	0	0.00	0.0452	0.00000
00068	9,394	10.89	102,318	0	1,951	0	0	0	0.00	0.0452	0.00000
00069	15,217	6.70	102,025	0	-28,370	0	0	0	0.00	0.0452	0.00000
00070	5,327	19.32	102,912	0	5,912	0	0	0	0.00	0.0452	0.00000
00071	15,648	6.85	107,206	0	34,537	0	0	0	0.00	0.0452	0.00000
00072	15,228	6.90	105,041	0	20,106	0	0	0	0.00	0.0452	0.00000
00073	3,188	32.25	102,803	0	5,182	0	0	0	0.00	0.0452	0.00000
00109	8,441	12.19	102,925	0	5,996	0	0	0	0.00	0.0452	0.00000
00110	3,690	27.71	102,239	0	1,422	0	0	0	0.00	0.0452	0.00000
00111	5,307	19.38	102,847	0	5,475	0	0	0	0.00	0.0452	0.00000
00115	5,088	20.32	103,376	0	9,004	0	0	0	0.00	0.0452	0.00000
00116	9,654	10.57	102,025	0	-7,157	0	0	0	0.00	0.0452	0.00000
00117	6,058	17.11	103,636	0	10,738	0	0	0	0.00	0.0452	0.00000
00118	3,727	27.92	104,071	0	13,638	0	0	0	0.00	0.0452	0.00000
00119	4,354	23.75	103,397	0	9,144	0	0	0	0.00	0.0452	0.00000
00120	5,989	17.23	103,165	0	7,599	0	0	0	0.00	0.0452	0.00000
00121	6,433	16.02	103,047	0	6,814	0	0	0	0.00	0.0452	0.00000
00144	16,893	6.04	102,025	0	-17,926	0	0	0	0.00	0.0452	0.00000
00147	10,213	10.22	104,392	0	15,780	0	0	0	0.00	0.0452	0.00000
<b>Piano Terra</b>											
<b>Parete 4-5</b>						<b>Parete 4-5</b>					
00009	3,414	30.66	104,677	0	17,679	0	0	0	0.00	0.0452	0.00000
00016	2,233	46.46	103,737	0	11,409	0	0	0	0.00	0.0452	0.00000
00090	3,146	32.67	102,781	0	5,039	0	0	0	0.00	0.0452	0.00000
00091	15,203	6.91	105,036	0	20,071	0	0	0	0.00	0.0452	0.00000
00095	5,263	19.96	105,026	0	20,003	0	0	0	0.00	0.0452	0.00000
00096	9,698	10.54	102,197	0	1,143	0	0	0	0.00	0.0452	0.00000
00100	15,374	6.64	102,025	0	-28,025	0	0	0	0.00	0.0452	0.00000



**Pareti - Verifiche a taglio per pressoflessione retta allo SLU**

Id <sub>Nd</sub>	V <sub>Ed,2</sub> [N]	CS	V <sub>Rcd</sub> [N]	V <sub>Rsd,s</sub> [N]	N <sub>Ed</sub> [N]	V <sub>Rsd,p</sub> [N]	V <sub>R1</sub> [N]	V <sub>fd</sub> [N]	Ctg $\theta$	A <sub>sw</sub> [cm <sup>2</sup> /cm]	A <sub>dw</sub> [cm <sup>2</sup> /cm]
00101	5,256	19.59	102,946	0	6,139	0	0	0	0.00	0.0452	0.00000
00102	15,577	6.88	107,193	0	34,450	0	0	0	0.00	0.0452	0.00000
00106	8,260	12.41	102,525	0	3,328	0	0	0	0.00	0.0452	0.00000
00107	3,945	26.09	102,919	0	5,960	0	0	0	0.00	0.0452	0.00000
00108	5,644	18.22	102,857	0	5,546	0	0	0	0.00	0.0452	0.00000
00137	4,892	21.13	103,386	0	9,072	0	0	0	0.00	0.0452	0.00000
00138	9,782	10.43	102,025	0	-5,149	0	0	0	0.00	0.0452	0.00000
00139	6,044	17.15	103,634	0	10,724	0	0	0	0.00	0.0452	0.00000
00140	3,963	26.27	104,096	0	13,803	0	0	0	0.00	0.0452	0.00000
00141	4,648	22.24	103,366	0	8,937	0	0	0	0.00	0.0452	0.00000
00142	5,995	17.21	103,163	0	7,584	0	0	0	0.00	0.0452	0.00000
00143	6,340	16.25	103,028	0	6,683	0	0	0	0.00	0.0452	0.00000
00145	16,487	6.19	102,025	0	-13,097	0	0	0	0.00	0.0452	0.00000
00146	10,176	10.26	104,388	0	15,754	0	0	0	0.00	0.0452	0.00000
<b>Piano Terra Parete 1-4 Parete 1-4</b>											
00015	2,555	40.35	103,089	0	7,089	0	0	0	0.00	0.0452	0.00000
00016	2,029	50.34	102,136	0	736	0	0	0	0.00	0.0452	0.00000
00072	10,935	9.33	102,025	0	-8,072	0	0	0	0.00	0.0452	0.00000
00073	7,414	14.02	103,977	0	13,011	0	0	0	0.00	0.0452	0.00000
00090	7,115	14.76	105,039	0	20,092	0	0	0	0.00	0.0452	0.00000
00091	10,989	9.61	105,624	0	23,994	0	0	0	0.00	0.0452	0.00000
00092	12,417	8.22	102,025	0	-21,657	0	0	0	0.00	0.0452	0.00000
00093	4,549	22.43	102,025	0	-541	0	0	0	0.00	0.0452	0.00000
00094	12,389	8.62	106,746	0	31,468	0	0	0	0.00	0.0452	0.00000
00112	5,006	20.55	102,887	0	5,741	0	0	0	0.00	0.0452	0.00000
00113	670	NS	102,367	0	2,278	0	0	0	0.00	0.0452	0.00000
00114	4,268	24.00	102,451	0	2,836	0	0	0	0.00	0.0452	0.00000
00125	1,761	58.04	102,205	0	1,196	0	0	0	0.00	0.0452	0.00000
00126	3,411	30.01	102,360	0	2,233	0	0	0	0.00	0.0452	0.00000
00127	3,947	25.85	102,025	0	-244	0	0	0	0.00	0.0452	0.00000
00128	2,603	39.43	102,630	0	4,029	0	0	0	0.00	0.0452	0.00000
00129	1,781	57.43	102,283	0	1,716	0	0	0	0.00	0.0452	0.00000
00130	5,227	19.75	103,208	0	7,881	0	0	0	0.00	0.0452	0.00000
00146	9,747	10.47	102,025	0	-11,045	0	0	0	0.00	0.0452	0.00000
00147	9,740	10.77	104,873	0	18,982	0	0	0	0.00	0.0452	0.00000
<b>Piano Terra Parete 2-5 Parete 2-5</b>											
00009	2,749	37.45	102,961	0	6,239	0	0	0	0.00	0.0452	0.00000
00010	2,422	43.26	104,775	0	18,329	0	0	0	0.00	0.0452	0.00000
00067	5,048	20.39	102,931	0	6,035	0	0	0	0.00	0.0452	0.00000
00068	21,556	4.99	107,527	0	36,678	0	0	0	0.00	0.0452	0.00000
00095	8,334	12.63	105,260	0	21,562	0	0	0	0.00	0.0452	0.00000
00096	15,215	6.71	102,025	0	-731	0	0	0	0.00	0.0452	0.00000
00097	18,440	5.53	102,025	0	-35,325	0	0	0	0.00	0.0452	0.00000
00098	5,303	19.24	102,025	0	-17,917	0	0	0	0.00	0.0452	0.00000
00099	18,501	5.74	106,236	0	28,074	0	0	0	0.00	0.0452	0.00000
00103	8,249	12.55	103,523	0	9,986	0	0	0	0.00	0.0452	0.00000
00104	985	NS	102,291	0	1,769	0	0	0	0.00	0.0452	0.00000
00105	9,671	10.71	103,592	0	10,441	0	0	0	0.00	0.0452	0.00000
00131	8,304	12.49	103,735	0	11,397	0	0	0	0.00	0.0452	0.00000
00132	11,018	9.26	102,025	0	-6,358	0	0	0	0.00	0.0452	0.00000
00133	11,246	9.07	102,025	0	-3,652	0	0	0	0.00	0.0452	0.00000
00134	7,743	13.40	103,774	0	11,658	0	0	0	0.00	0.0452	0.00000
00135	3,310	31.19	103,237	0	8,078	0	0	0	0.00	0.0452	0.00000
00136	6,623	15.50	102,684	0	4,392	0	0	0	0.00	0.0452	0.00000
00144	23,657	4.31	102,025	0	-21,476	0	0	0	0.00	0.0452	0.00000
00145	24,529	4.16	102,025	0	-20,848	0	0	0	0.00	0.0452	0.00000

**LEGENDA:**

Id <sub>Nd</sub>	Identificativo del nodo.
V <sub>Ed,2</sub>	Taglio di progetto in direzione 2.
CS	Coefficienti di sicurezza relativi alle sollecitazioni "V <sub>Ed,2</sub> " ([NS] = Non Significativo per valori di CS >= 100).
V <sub>Rcd</sub>	Resistenza a taglio compressione del calcestruzzo.
V <sub>Rsd,s</sub>	Resistenza a taglio trazione delle staffe.
N <sub>Ed</sub>	Sforzo Normale utilizzato per il calcolo di $\alpha_c$ .
V <sub>Rsd,p</sub>	Resistenza a taglio trazione dei ferri piegati.
V <sub>R1</sub>	Resistenza a taglio in assenza di armatura incrociata.
V <sub>fd</sub>	Resistenza a taglio dovuta al rinforzo FRP.
Ctg $\theta$	Cotangente dell'angolo $\theta$ utilizzata nella verifica.
A <sub>sw</sub>	Area delle staffe per unità di lunghezza.
A <sub>dw</sub>	Armatura disponibile per il taglio



## Pareti - VERIFICHE DELLE TENSIONI DI ESERCIZIO (Elevazione)

Pareti - verifiche delle tensioni di esercizio															
Nodo/ Tp <sub>rnf</sub>	Dir	Compressione calcestruzzo							Trazione acciaio						
		Compressione calcestruzzo rinforzo							Trazione acciaio/FRP rinforzo						
		Id <sub>Cmb</sub>	σ <sub>cc</sub>	σ <sub>cd,amm</sub>	N <sub>Ed</sub>	M <sub>Ed</sub>	CS	Verific ato	Id <sub>Cmb</sub>	σ <sub>at</sub>	σ <sub>td,amm</sub>	N <sub>Ed</sub>	M <sub>Ed</sub>	CS	Verific ato
			[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N]	[N-m]				[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N]	[N-m]		
Piano Terra		Parete 1-2							Parete 1-2						
00144	P	RAR	0.284	14.94	49,080	-2,086	52.68	SI	RAR	0.000	360.00	49,080	-2,086	-	SI
		QPR	0.122	11.21	30,394	-404	92.19	SI	-	-	-	-	-	-	SI
	S	RAR	0.007	14.94	-4,573	352	NS	SI	RAR	0.740	360.00	-12,436	191	NS	SI
		QPR	0.000	11.21	-6,089	137	-	SI	-	-	-	-	-	-	SI
Piano Terra		Parete 4-5							Parete 4-5						
00145	P	RAR	0.239	14.94	45,238	1,552	62.56	SI	RAR	0.000	360.00	34,724	-620	-	SI
		QPR	0.121	11.21	29,673	441	92.22	SI	-	-	-	-	-	-	SI
	S	RAR	0.000	14.94	-6,415	42	-	SI	RAR	0.692	360.00	-11,590	-181	NS	SI
		QPR	0.000	11.21	-5,953	-104	-	SI	-	-	-	-	-	-	SI
Piano Terra		Parete 1-4							Parete 1-4						
00090	P	RAR	0.057	14.94	13,173	-240	NS	SI	RAR	0.130	360.00	178	-182	NS	SI
		QPR	0.047	11.21	10,477	-215	NS	SI	-	-	-	-	-	-	SI
	S	RAR	0.029	14.94	4,747	-224	NS	SI	RAR	0.033	360.00	2,131	-177	NS	SI
		QPR	0.030	11.21	4,396	-255	NS	SI	-	-	-	-	-	-	SI
Piano Terra		Parete 2-5							Parete 2-5						
00144	P	RAR	0.299	14.94	53,431	-2,119	49.88	SI	RAR	0.000	360.00	53,431	-2,119	-	SI
		QPR	0.145	11.21	34,191	-590	77.29	SI	-	-	-	-	-	-	SI
	S	RAR	0.000	14.94	-18,749	159	-	SI	RAR	1.042	360.00	-18,796	187	NS	SI
		QPR	0.000	11.21	-9,140	104	-	SI	-	-	-	-	-	-	SI

### LEGENDA:

**Rinf.** Indica la presenza del rinforzo sulla sezione di verifica.  
**Dir** Direzione [P] = principale (asse locale 1) - [S] = secondaria (asse locale 2).  
**Id<sub>Cmb</sub>** Identificativo della Combinazione di Azione: [QPR] = Quasi Permanente - [FRQ] = Frequente - [RAR] = Rara.  
**σ<sub>cc</sub>** Tensione massima di compressione nel calcestruzzo della Trave/Rinforzo.  
**σ<sub>cd,amm</sub>** Tensione ammissibile per la verifica a compressione del calcestruzzo.  
**σ<sub>at</sub>** Tensione massima di trazione nell'acciaio della Trave/Rinforzo o nel FRP.  
**σ<sub>td,amm</sub>** Tensione ammissibile per la verifica a trazione dell'acciaio/rinforzo.  
**N<sub>Ed</sub>** Sollecitazioni di progetto.  
**M<sub>Ed</sub>**  
**CS** Coefficiente di Sicurezza (= σ<sub>cd,amm</sub>/σ<sub>cc</sub> ; σ<sub>td,amm</sub>/σ<sub>at</sub>). [NS] = Non Significativo (CS ≥ 100).  
**Verific  
ato** [SI] = La verifica è soddisfatta (σ<sub>cc</sub> ≤ σ<sub>cd,amm</sub> ; σ<sub>at</sub> ≤ σ<sub>td,amm</sub>). [NO] = La verifica NON è soddisfatta (σ<sub>cc</sub> > σ<sub>cd,amm</sub> ; σ<sub>at</sub> > σ<sub>td,amm</sub>).  
**Nota** Nella tabella, per ogni elemento, viene riportato il nodo della shell che ha il coefficiente di sicurezza (CS) più piccolo.

## Pareti - VERIFICA ALLO STATO LIMITE DI FESSURAZIONE (Elevazione)

Pareti - verifica allo stato limite di fessurazione													
Nodo	Dir	Id <sub>Cmb</sub>	N <sub>Ed</sub>	M <sub>Ed</sub>	σ <sub>ct,f</sub>	σ <sub>t</sub>	ε <sub>sm</sub>	A <sub>e</sub>	Δ <sub>sm</sub>	W <sub>d</sub>	W <sub>amm</sub>	CS	Verificat o
			[N]	[N-m]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[cm <sup>2</sup> ]	[mm]	[mm]	[mm]		
Piano Terra			Parete 1-2				AA= PCA			Parete 1-2			
NOTA: L'elemento NON è fessurato. Di seguito si riporta il nodo strutturale per la quale si riscontra la massima tensione di trazione(max σ <sub>ct,f</sub> )													
00144	P	FRQ	31,707	-713	-0.06	2.13	0 E+00	0	0	0.000	0.400	-	SI
		QPR	30,394	-404	-0.07	2.13	0 E+00	0	0	0.000	0.300	-	SI
	S	FRQ	-6,978	160	0.03	2.13	0 E+00	0	0	0.000	0.400	-	SI
		QPR	-6,089	137	0.03	2.13	0 E+00	0	0	0.000	0.300	-	SI
Piano Terra			Parete 4-5				AA= PCA			Parete 4-5			
NOTA: L'elemento NON è fessurato. Di seguito si riporta il nodo strutturale per la quale si riscontra la massima tensione di trazione(max σ <sub>ct,f</sub> )													
00145	P	FRQ	30,399	634	-0.06	2.13	0 E+00	0	0	0.000	0.400	-	SI
		QPR	29,673	441	-0.07	2.13	0 E+00	0	0	0.000	0.300	-	SI
	S	FRQ	-6,837	-124	0.03	2.13	0 E+00	0	0	0.000	0.400	-	SI
		QPR	-5,953	-104	0.03	2.13	0 E+00	0	0	0.000	0.300	-	SI
Piano Terra			Parete 1-4				AA= PCA			Parete 1-4			
NOTA: L'elemento NON è fessurato. Di seguito si riporta il nodo strutturale per la quale si riscontra la massima tensione di trazione(max σ <sub>ct,f</sub> )													
00146	P	FRQ	7,092	332	0.00	2.13	0 E+00	0	0	0.000	0.400	-	SI
		QPR	6,455	94	-0.01	2.13	0 E+00	0	0	0.000	0.300	-	SI
	S	FRQ	-2,332	135	0.02	2.13	0 E+00	0	0	0.000	0.400	-	SI
		QPR	-1,353	66	0.01	2.13	0 E+00	0	0	0.000	0.300	-	SI
Piano Terra			Parete 2-5				AA= PCA			Parete 2-5			
NOTA: L'elemento NON è fessurato. Di seguito si riporta il nodo strutturale per la quale si riscontra la massima tensione di trazione(max σ <sub>ct,f</sub> )													
00098	P	FRQ	-357	68	0.01	2.13	0 E+00	0	0	0.000	0.400	-	SI
		QPR	-171	57	0.00	2.13	0 E+00	0	0	0.000	0.300	-	SI
	S	FRQ	-22,021	-164	0.08	2.13	0 E+00	0	0	0.000	0.400	-	SI
		QPR	-19,399	-145	0.07	2.13	0 E+00	0	0	0.000	0.300	-	SI

### LEGENDA:

**Dir** Direzione [P] = principale (asse locale 1) - [S] = secondaria (asse locale 2).  
**AA** Identificativo dell'aggressività dell'ambiente: [PCA] = Ordinarie (Poco aggressivo) - [MDA] = Aggressive (Moderatamente aggressivo) - [MLA] = Molto aggressivo.



**Pareti - verifica allo stato limite di fessurazione**

Nodo	Dir	$I_{d,Cmb}$	$N_{Ed}$	$M_{Ed}$	$\sigma_{ct,f}$	$\sigma_t$	$\epsilon_{sm}$	$A_e$	$\Delta_{sm}$	$W_d$	$W_{amm}$	CS	Verificato
			[N]	[N-m]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[cm <sup>2</sup> ]	[mm]	[mm]	[mm]		
$I_{d,Cmb}$	Identificativo della Combinazione di Azione: [QPR] = Quasi Permanente - [FRQ] = Frequente - [RAR] = Rara.												
$N_{Ed}$	Sollecitazioni di progetto.												
$\sigma_{ct,f}$	Tensione massima di trazione nel calcestruzzo per la fessurazione, calcolata nell'ipotesi di calcestruzzo resistente a trazione. Se tale valore è maggiore di $\sigma_t$ 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.												
$\sigma_t$	Tensione massima di trazione nel calcestruzzo relativa allo stato limite di formazione delle fessure [relazione (4.1.37) del § 4.1.2.2.4.1 del DM 2008].												
$\epsilon_{sm}$	Deformazione media nel calcestruzzo.												
$A_e$	Area efficace del calcestruzzo teso.												
$\Delta_{sm}$	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] = $W_d > W_{amm}$												

**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;	NO
b)	il rapporto tra i lati del rettangolo circoscritto alla pianta di ogni orizzontamento è inferiore a 4;	NO
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;	NO
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 (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;	NO
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;	NO
La struttura non è regolare in altezza.		

**Piani - Verifiche Regolarità**

$I_{d,piano}$	$Q_{Lv}$	$H_{Lv}$	$R_{d,Tmp}$	$I_{r,Tmp}$	$M_{SLU}$	$K_{SLU}$		$R_{eff}$		$R_{ric}$	
	[m]	[m]			[N-m]	X	Y	X	Y	X	Y
						[N/cm]	[N/cm]	[N]	[N]	[N]	[N]
Piano copertura	0.00	7.44	NO	NO	1,603	2,147,483,6	2,147,483,6	0	0	0	0
Piano Terra	-1.40	1.40	NO		6,138	92,771	37,712	0	0	0	0

**LEGENDA:**

$I_{d,piano}$	Identificativo del livello o piano.
$Q_{Lv}$	Quota del livello o piano.
$H_{Lv}$	Altezza del livello o piano.
$R_{d,Tmp}$	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.
$I_{r,Tmp}$	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 Rigidità 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**

$I_{d,piano}$	$Q_{Lv}$	$H_{Lv}$	$\delta_{d,x}$	$\delta_{d,y}$	$P_{0,x}$	$P_{0,y}$	$T_{0,x}$	$T_{0,y}$	$\Theta_x$	$\Theta_y$
	[m]	[m]	[cm]	[cm]	[N]	[N]	[N]	[N]	[rad]	[rad]
Piano copertura	0.00	7.44	0.0000	0.0000	27,995	27,995	5,355	5,342	0 E+00	0 E+00
Piano Terra	-1.40	1.40	0.0577	0.1417	27,995	27,995	5,355	5,342	2.1555 E-03	5.3024 E-03

**LEGENDA:**



Effetti delle non linearità geometriche per sisma

IdPiano	Q <sub>Lv</sub> [m]	H <sub>Lv</sub> [m]	δ <sub>d,x</sub> [cm]	δ <sub>d,y</sub> [cm]	P <sub>θ,x</sub> [N]	P <sub>θ,y</sub> [N]	T <sub>θ,x</sub> [N]	T <sub>θ,y</sub> [N]	Θ <sub>x</sub> [rad]	Θ <sub>y</sub> [rad]
---------	------------------------	------------------------	--------------------------	--------------------------	-------------------------	-------------------------	-------------------------	-------------------------	-------------------------	-------------------------

**IdPiano** Identificativo del livello o piano.

**H<sub>Lv</sub>** Altezza del livello o piano.

**δ<sub>d,x</sub>, δ<sub>d,y</sub>** Componenti dello spostamento differenziale rispetto al piano inferiore.

**P<sub>θ,x</sub>, P<sub>θ,y</sub>** Valori del carico verticale del piano utilizzato per il calcolo di "θ".

**T<sub>θ,x</sub>, T<sub>θ,y</sub>** Valori del tagliante di piano utilizzati per il calcolo di "θ".

**Θ<sub>x</sub>, Θ<sub>y</sub>** 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 AGLI SPOSTAMENTI

Piani - Verifiche

IdPiano	Q <sub>Lv</sub> [m]	H <sub>Lv</sub> [m]	δ <sub>d,x</sub> [cm]	δ <sub>d,y</sub> [cm]	C <sub>iq</sub> T <sub>mp</sub>	δ <sub>lim</sub> [cm]	δ <sub>lim</sub> -δ <sub>d,x</sub> [cm]	δ <sub>lim</sub> -δ <sub>d,y</sub> [cm]	Note
Piano copertura	0.00	7.44	0.0000	0.0000	RF	3.7200	3.7200	3.7200	Verificato
Piano Terra	-1.40	1.40	0.0270	0.0336	RF	0.7000	0.6730	0.6664	Verificato

LEGENDA:

**IdPiano** Identificativo del livello o piano.

**Q<sub>Lv</sub>** Quota del livello o piano.

**H<sub>Lv</sub>** Altezza del livello o piano.

**C<sub>iq</sub>T<sub>mp</sub>** Tipo di collegamento delle tamponature alla struttura: [R] = Rigido - [E] = Elastico - [RF] = Rigidamente fragili - [RD] = Rigidamente Duttili.

**δ<sub>lim</sub>** Valore limite dello spostamento differenziale indicato dalla normativa.

**δ<sub>d,x</sub>, δ<sub>d,y</sub>** Componenti dello spostamento differenziale rispetto al piano inferiore.

PIANI - VERIFICHE ALLO SLE (Elevazione)

Piani - Verifiche allo SLE

IdPiano	Q <sub>Lv</sub> [m]	H <sub>Lv</sub> [m]	δ <sub>amm,SLE</sub> [cm]	δ <sub>d,SLE</sub>		Δδ <sub>SLE</sub>		Note
				X [cm]	Y [cm]	X [cm]	Y [cm]	
Piano copertura	0.00	7.44	2.4800	0.0000	0.0000	2.4800	2.4800	Verificato
Piano Terra	-1.40	1.40	0.4667	0.0000	0.0000	0.4667	0.4667	Verificato

LEGENDA:

**IdPiano** Identificativo del livello o piano.

**Q<sub>Lv</sub>** Quota del livello o piano.

**H<sub>Lv</sub>** Altezza del livello o piano.

**δ<sub>amm,SLE</sub>** Spostamento Differenziale ammissibile.

**δ<sub>d,SLE</sub>** Spostamento Differenziale.

**Δδ<sub>SLE</sub>** Differenza fra spostamento limite e quello di calcolo nelle direzioni X e Y.

PLATEE - VERIFICHE PRESSOFLESSIONE RETTA ALLO SLU (Fondazione)

Platee - Verifiche pressoflessione retta allo SLU

Dir	Pos	Nodo	N <sub>Ed</sub> [N]	M <sub>Ed</sub> [N-m]	A <sub>s</sub> [cm <sup>2</sup> /cm]	A <sub>df</sub> [cm <sup>2</sup> /cm]	CS	Nodo	N <sub>Ed</sub> [N]	M <sub>Ed</sub> [N-m]	A <sub>s</sub> [cm <sup>2</sup> /cm]	A <sub>df</sub> [cm <sup>2</sup> /cm]	CS	Nodo	N <sub>Ed</sub> [N]	M <sub>Ed</sub> [N-m]	A <sub>s</sub> [cm <sup>2</sup> /cm]	A <sub>df</sub> [cm <sup>2</sup> /cm]	CS
Fondazione			Platea 1																
P	S	00009	0	0	0.045 24	0.045 24	-	00010	0	0	0.045 24	0.045 24	-	00011	0	0	0.045 24	0.045 24	-
	I		-22	3,341	0.045 24	0.045 24	14.4 2		-18	3,444	0.045 24	0.045 24	13.9 8		16	335	0.045 24	0.045 24	NS
S	S		0	0	0.045 24	0.045 24	-		0	0	0.045 24	0.045 24	-		0	0	0.045 24	0.045 24	-
	I		17	3,168	0.045 24	0.045 24	15.2 0		15	3,274	0.045 24	0.045 24	14.7 1		106	383	0.045 24	0.045 24	NS
P	S	00012	0	0	0.045 24	0.045 24	-	00013	0	0	0.045 24	0.045 24	-	00014	0	0	0.045 24	0.045 24	-
	I		-32	304	0.045 24	0.045 24	NS		88	602	0.045 24	0.045 24	79.9 8		96	551	0.045 24	0.045 24	87.38
S	S		0	0	0.045 24	0.045 24	-		0	0	0.045 24	0.045 24	-		0	0	0.045 24	0.045 24	-
	I		250	327	0.045 24	0.045 24	NS		158	329	0.045 24	0.045 24	NS		-10	352	0.045 24	0.045 24	NS
P	S	00015	0	0	0.045 24	0.045 24	-	00016	0	0	0.045 24	0.045 24	-	00074	0	0	0.045 24	0.045 24	-
	I		20	1,772	0.045 24	0.045 24	27.1 8		27	1,755	0.045 24	0.045 24	27.4 4		-91	237	0.045 24	0.045 24	NS
S	S		0	0	0.045 24	0.045 24	-		0	0	0.045 24	0.045 24	-		0	0	0.045 24	0.045 24	-
	I		-14	1,869	0.045 24	0.045 24	25.7 7		-21	1,838	0.045 24	0.045 24	26.2 0		143	867	0.045 24	0.045 24	55.52
P	S	00075	0	0	0.045 24	0.045 24	-	00076	118	101	0.045 24	0.045 24	NS	00077	0	0	0.045 24	0.045 24	-
	I		62	89	0.045	0.045	NS		0	0	0.045	0.045	-		-172	203	0.045	0.045	NS



Platee - Verifiche pressoflessione retta allo SLU

Dir	Pos	Nodo	N <sub>Ed</sub> [N]	M <sub>Ed</sub> [N-m]	A <sub>s</sub> [cm <sup>2</sup> /cm]	A <sub>df</sub> [cm <sup>2</sup> /cm]	CS	Nodo	N <sub>Ed</sub> [N]	M <sub>Ed</sub> [N-m]	A <sub>s</sub> [cm <sup>2</sup> /cm]	A <sub>df</sub> [cm <sup>2</sup> /cm]	CS	Nodo	N <sub>Ed</sub> [N]	M <sub>Ed</sub> [N-m]	A <sub>s</sub> [cm <sup>2</sup> /cm]	A <sub>df</sub> [cm <sup>2</sup> /cm]	CS
					24	24					24	24					24	24	
S	S		-25	430	0.045	0.045	NS		-38	421	0.045	0.045	NS		0	0	0.045	0.045	-
	I		0	0	0.045	0.045	-		0	0	0.045	0.045	-		36	829	0.045	0.045	58.09
P	S	00078	0	0	0.045	0.045	-	00079	25	150	0.045	0.045	NS	00080	-80	346	0.045	0.045	NS
	I		76	785	0.045	0.045	61.3		0	0	0.045	0.045	-		0	0	0.045	0.045	-
					24	24	4				24	24					24	24	
S	S		0	0	0.045	0.045	-		-50	49	0.045	0.045	NS		201	11	0.045	0.045	NS
	I		-62	113	0.045	0.045	NS		74	83	0.045	0.045	NS		110	106	0.045	0.045	NS
					24	24					24	24					24	24	
P	S	00081	0	0	0.045	0.045	-	00082	0	0	0.045	0.045	-	00083	103	60	0.045	0.045	NS
	I		121	544	0.045	0.045	88.5		-61	144	0.045	0.045	NS		-8	61	0.045	0.045	NS
					24	24	0				24	24					24	24	
S	S		0	0	0.045	0.045	-		0	0	0.045	0.045	-		-25	163	0.045	0.045	NS
	I		-81	84	0.045	0.045	NS		-2	646	0.045	0.045	74.5		0	0	0.045	0.045	-
					24	24					24	24	5				24	24	
P	S	00084	0	0	0.045	0.045	-	00085	0	0	0.045	0.045	-	00086	0	0	0.045	0.045	-
	I		-27	93	0.045	0.045	NS		-28	164	0.045	0.045	NS		123	538	0.045	0.045	89.48
					24	24					24	24					24	24	
S	S		-27	167	0.045	0.045	NS		0	0	0.045	0.045	-		0	0	0.045	0.045	-
	I		0	0	0.045	0.045	-		35	698	0.045	0.045	68.9		-34	102	0.045	0.045	NS
					24	24					24	24	9				24	24	
P	S	00087	-61	352	0.045	0.045	NS	00088	-12	245	0.045	0.045	NS	00089	0	0	0.045	0.045	-
	I		0	0	0.045	0.045	-		0	0	0.045	0.045	-		-13	814	0.045	0.045	59.16
					24	24					24	24					24	24	
S	S		146	50	0.045	0.045	NS		-14	68	0.045	0.045	NS		0	0	0.045	0.045	-
	I		-50	72	0.045	0.045	NS		80	75	0.045	0.045	NS		24	216	0.045	0.045	NS
					24	24					24	24					24	24	
P	S	00103	0	0	0.045	0.045	-	00104	0	0	0.045	0.045	-	00105	0	0	0.045	0.045	-
	I		4	2,291	0.045	0.045	21.0		-22	2,064	0.045	0.045	23.3		8	2,684	0.045	0.045	17.94
					24	24	2				24	24	3				24	24	
S	S		0	0	0.045	0.045	-		0	0	0.045	0.045	-		0	0	0.045	0.045	-
	I		4	762	0.045	0.045	63.2		-41	154	0.045	0.045	NS		1	1,096	0.045	0.045	43.94
					24	24	0				24	24					24	24	
P	S	00106	0	0	0.045	0.045	-	00107	0	0	0.045	0.045	-	00108	0	0	0.045	0.045	-
	I		27	798	0.045	0.045	60.3		-2	373	0.045	0.045	NS		45	522	0.045	0.045	92.25
					24	24	4				24	24					24	24	
S	S		0	0	0.045	0.045	-		0	0	0.045	0.045	-		0	0	0.045	0.045	-
	I		-22	1,738	0.045	0.045	27.7		9	2,171	0.045	0.045	22.1		-20	1,255	0.045	0.045	38.37
					24	24	1				24	24	8				24	24	
P	S	00109	0	0	0.045	0.045	-	00110	0	0	0.045	0.045	-	00111	0	0	0.045	0.045	-
	I		23	810	0.045	0.045	59.4		-8	329	0.045	0.045	NS		94	506	0.045	0.045	95.15
					24	24	5				24	24					24	24	
S	S		0	0	0.045	0.045	-		0	0	0.045	0.045	-		0	0	0.045	0.045	-
	I		-39	2,136	0.045	0.045	22.5		-5	1,576	0.045	0.045	30.5		-19	1,355	0.045	0.045	35.54
					24	24	5				24	24	6				24	24	
P	S	00112	0	0	0.045	0.045	-	00113	0	0	0.045	0.045	-	00114	0	0	0.045	0.045	-
	I		-40	1,045	0.045	0.045	46.0		-12	856	0.045	0.045	56.2		-8	1,023	0.045	0.045	47.08
					24	24	9				24	24	6				24	24	
S	S		0	0	0.045	0.045	-		0	0	0.045	0.045	-		0	0	0.045	0.045	-
	I		15	622	0.045	0.045	77.4		-61	105	0.045	0.045	NS		29	520	0.045	0.045	92.60
					24	24	2				24	24					24	24	
P	S	00122	9	1,560	0.045	0.045	30.8	00123	20	382	0.045	0.045	NS	00124	-3	1,098	0.045	0.045	43.86
	I		0	0	0.045	0.045	-		57	283	0.045	0.045	NS		19	42	0.045	0.045	NS
					24	24					24	24					24	24	
S	S		30	1,463	0.045	0.045	32.9		-15	438	0.045	0.045	NS		44	1,224	0.045	0.045	39.34



**Platee - Verifiche pressoflessione retta allo SLU**

Dir	Pos	Nodo	N <sub>Ed</sub>	M <sub>Ed</sub>	A <sub>s</sub>	A <sub>df</sub>	CS	Nodo	N <sub>Ed</sub>	M <sub>Ed</sub>	A <sub>s</sub>	A <sub>df</sub>	CS	Nodo	N <sub>Ed</sub>	M <sub>Ed</sub>	A <sub>s</sub>	A <sub>df</sub>	CS
			[N]	[N-m]	[cm <sup>2</sup> /cm]	[cm <sup>2</sup> /cm]			[N]	[N-m]	[cm <sup>2</sup> /cm]	[cm <sup>2</sup> /cm]			[N]	[N-m]	[cm <sup>2</sup> /cm]	[cm <sup>2</sup> /cm]	
	I		0	0	0.045	0.045	1		123	370	0.045	0.045	NS		169	52	0.045	0.045	NS
			24		24		-				24						24		
					24						24						24		

**LEGENDA:**

**Dir** Direzione [P] = principale (asse locale 1) - [S] = secondaria (asse locale 2).

**Pos** Posizione [S] = superiore - [I] = inferiore.

**A<sub>s</sub>** Area delle armature esecutive per unità di lunghezza.

**A<sub>df</sub>** Armatura disponibile per la flessione

**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<sub>Ed</sub>, M<sub>Ed</sub>** Sollecitazioni di progetto.

**Platee - VERIFICHE DELLE TENSIONI DI ESERCIZIO (Fondazione)**

**Platee - verifiche delle tensioni di esercizio**

Nodo/ Tp <sub>inf</sub>	Dir	Compressione calcestruzzo							Trazione acciaio						
		Compressione calcestruzzo rinforzo							Trazione acciaio/FRP rinforzo						
		Id <sub>Cmb</sub>	σ <sub>cc</sub>	σ <sub>cd,amm</sub>	N <sub>Ed</sub>	M <sub>Ed</sub>	CS	Verific ato	Id <sub>Cmb</sub>	σ <sub>at</sub>	σ <sub>td,amm</sub>	N <sub>Ed</sub>	M <sub>Ed</sub>	CS	Verific ato
			[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N]	[N-m]				[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N]	[N-m]		
<b>Fondazione</b>		<b>Platea 1</b>													
00010	P	RAR	0.152	14.94	13	-2,499	98.10	SI	RAR	1.903	360.00	13	-2,499	NS	SI
		QPR	0.106	11.21	11	-1,743	NS	SI	-	-	-	-	-	-	-
	S	RAR	0.145	14.94	-9	-2,382	NS	SI	RAR	1.814	360.00	-9	-2,382	NS	SI
		QPR	0.103	11.21	-4	-1,685	NS	SI	-	-	-	-	-	-	-

**LEGENDA:**

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

**Dir** Direzione [P] = principale (asse locale 1) - [S] = secondaria (asse locale 2).

**Id<sub>Cmb</sub>** Identificativo della Combinazione di Azione: [QPR] = Quasi Permanente - [FRQ] = Frequente - [RAR] = Rara.

**σ<sub>cc</sub>** Tensione massima di compressione nel calcestruzzo della Trave/Rinforzo.

**σ<sub>cd,amm</sub>** Tensione ammissibile per la verifica a compressione del calcestruzzo.

**σ<sub>at</sub>** Tensione massima di trazione nell'acciaio della Trave/Rinforzo o nel FRP.

**σ<sub>td,amm</sub>** Tensione ammissibile per la verifica a trazione dell'acciaio/rinforzo.

**N<sub>Ed</sub>, M<sub>Ed</sub>** Sollecitazioni di progetto.

**CS** Coefficiente di Sicurezza (= σ<sub>cd,amm</sub>/σ<sub>cc</sub>; σ<sub>td,amm</sub>/σ<sub>at</sub>). [NS] = Non Significativo (CS ≥ 100).

**Verific  
ato** [SI] = La verifica è soddisfatta (σ<sub>cc</sub> ≤ σ<sub>cd,amm</sub>; σ<sub>at</sub> ≤ σ<sub>td,amm</sub>). [NO] = La verifica NON è soddisfatta (σ<sub>cc</sub> > σ<sub>cd,amm</sub>; σ<sub>at</sub> > σ<sub>td,amm</sub>).

**Nota** Nella tabella, per ogni elemento, viene riportato il nodo della shell che ha il coefficiente di sicurezza (CS) più piccolo.

**Platee - VERIFICA ALLO STATO LIMITE DI FESSURAZIONE (Fondazione)**

**Platee - verifica allo stato limite di fessurazione**

Platea - verifica allo stato limite di fessurazione													
Nodo	Dir	Id <sub>Cmb</sub>	N <sub>Ed</sub>	M <sub>Ed</sub>	σ <sub>ct,f</sub>	σ <sub>t</sub>	ε <sub>sm</sub>	A <sub>e</sub>	Δ <sub>sm</sub>	W <sub>d</sub>	W <sub>amm</sub>	CS	Verificato
			[N]	[N-m]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		[cm <sup>2</sup> ]	[mm]	[mm]	[mm]		
Fondazione			Platea 1				AA= PCA						
NOTA: L'elemento NON è fessurato. Di seguito si riporta il nodo strutturale per la quale si riscontra la massima tensione di trazione(max σ <sub>ct,f</sub> )													
00009	P	FRQ	12	-1,877	0.11	2.13	0 E+00	0	0	0.000	0.400	-	SI
		QPR	11	-1,748	0.11	2.13	0 E+00	0	0	0.000	0.300	-	SI
	S	FRQ	-6	-1,791	0.11	2.13	0 E+00	0	0	0.000	0.400	-	SI
		OPR	-4	-1.674	0.10	2.13	0 E+00	0	0	0.000	0.300	-	SI

**LEGENDA:**

**Dir** Direzione [P] = principale (asse locale 1) - [S] = secondaria (asse locale 2).

**AA** Identificativo dell'aggressività dell'ambiente: [PCA] = Ordinarie (Poco aggressivo) - [MDA] = Aggressive (Moderatamente aggressivo) - [MLA] = Molto aggressive.

**Id<sub>Cmb</sub>** Identificativo della Combinazione di Azione: [QPR] = Quasi Permanente - [FRQ] = Frequente - [RAR] = Rara.

**N<sub>Ed</sub>, M<sub>Ed</sub>** Sollecitazioni di progetto.

**σ<sub>ct,f</sub>** Tensione massima di trazione nel calcestruzzo per la fessurazione, calcolata nell'ipotesi di calcestruzzo resistente a trazione. Se tale valore è maggiore di σ<sub>t</sub> 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.

**σ<sub>t</sub>** Tensione massima di trazione nel calcestruzzo relativa allo stato limite di formazione delle fessure [relazione (4.1.37) del § 4.1.2.2.4.1 del DM 2008].

**ε<sub>sm</sub>** Deformazione media nel calcestruzzo.

**A<sub>e</sub>** Area efficace del calcestruzzo teso.

**Δ<sub>sm</sub>** Distanza media tra le fessure.

**W<sub>d</sub>** Valore di calcolo di apertura massima delle fessure.

**W<sub>amm</sub>** Valore ammissibile di apertura delle fessure.

**CS** Coefficiente di Sicurezza (=W<sub>d</sub>/W<sub>amm</sub>). [NS] = Non Significativo (CS ≥ 100). [-] = Fessurazioni nulle (W<sub>d</sub> = 0).

**Verificato** [SI] = W<sub>d</sub> ≤ W<sub>amm</sub>; [NO] = W<sub>d</sub> > W<sub>amm</sub>

**VERIFICHE CARICO LIMITE FONDAZIONI DIRETTE ALLO SLU (Fondazione)**

**Verifiche Carico Limite fondazioni dirette allo SLU**



Id <sub>Fnd</sub>	CS	L <sub>X</sub>	L <sub>Y</sub>	R <sub>tz</sub>	Z <sub>P.cmp</sub>	Z <sub>Fld</sub>	Cmp T	C. Terzaghi						Q <sub>Ed</sub>	Q <sub>Rd</sub>	R <sub>f</sub>
								per N <sub>a</sub>	per N <sub>c</sub>	per N <sub>v</sub>	N <sub>a</sub>	N <sub>c</sub>	N <sub>v</sub>			
		[m]	[m]	[°]	[m]	[m]								[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	
Platea 1	NS	2.37	2.28	0.00	1.70	-	NON Coesivo	0.48	0.39	0.15	13.20	23.94	14.47	0.030	19.352	NO

#### LEGENDA:

<b>Id<sub>Fnd</sub></b>	Descrizione dell'oggetto di fondazione al quale è riferita la verifica.
<b>CS</b>	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).
<b>L<sub>x/y</sub></b>	Dimensioni dell'elemento di fondazione.
<b>R<sub>tz</sub></b>	Angolo compreso tra l'asse X e il lato più lungo del minimo rettangolo che delimita il poligono della platea.
<b>Z<sub>p.cmp</sub></b>	Profondità di posa dell'elemento di fondazione dal piano campagna.
<b>Z<sub>Fid</sub></b>	Profondità della falda dal piano campagna.
<b>Cmp T</b>	Classificazione del comportamento del terreno ai fini del calcolo.
<b>C.</b>	Coefficienti correttivi per la formula di Terzaghi.
<b>Terzaghi</b>	
<b>Q<sub>Ed</sub></b>	Carico di progetto sul terreno.
<b>Q<sub>Rd</sub></b>	Resistenza di progetto del terreno.
<b>R<sub>f</sub></b>	[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

Verifica Carico Limite Fondazioni in terra tipo C25																	
Id <sub>Fnd</sub>	CS	L <sub>x</sub>	L <sub>y</sub>	R <sub>tz</sub>	Z <sub>P,cmp</sub>	Z <sub>Fld</sub>	Cmp T	C. Terzaghi							Q <sub>Ed</sub>	Q <sub>Rd</sub>	R <sub>f</sub>
								per N <sub>a</sub>	per N <sub>c</sub>	per N <sub>v</sub>	N <sub>a</sub>	N <sub>c</sub>	N <sub>v</sub>				
		[m]	[m]	[°]	[m]	[m]								[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]		
Platea 1	NS	2.37	2.28	0.00	1.70	-	NON Coesivo	0.43	0.36	0.15	13.20	23.94	14.47	0.038	22.969	NO	

#### LEGENDA:

<b>Id<sub>Fnd</sub></b>	Descrizione dell'oggetto di fondazione al quale è riferita la verifica.
<b>CS</b>	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).
<b>L<sub>x/y</sub></b>	Dimensioni dell'elemento di fondazione.
<b>R<sub>tz</sub></b>	Angolo compreso tra l'asse X e il lato più lungo del minimo rettangolo che delimita il poligono della platea.
<b>Z<sub>p.cmp</sub></b>	Profondità di posa dell'elemento di fondazione dal piano campagna.
<b>Z<sub>Fid</sub></b>	Profondità della falda dal piano campagna.
<b>Cmp T</b>	Classificazione del comportamento del terreno ai fini del calcolo.
<b>C.</b>	Coefficienti correttivi per la formula di Terzaghi.
<b>Terzaghi</b>	
<b>Q<sub>Ed</sub></b>	Carico di progetto sul terreno.
<b>Q<sub>Rd</sub></b>	Resistenza di progetto del terreno.
<b>R<sub>f</sub></b>	[SI] = elemento con presenza di rinforzo; [NO] = elemento senza rinforzo.

### GEOTECNICA - VERIFICHE A SCORRIMENTO (Fondazione)

#### Geotecnica - Verifiche a scorrimento

Elm	Dir	N <sub>Ed</sub>	M <sub>Ed</sub>	V <sub>Ed</sub>	F <sub>RD1</sub>	F <sub>RD2</sub>	F <sub>RD3</sub>	F <sub>RD</sub>	CS
		[N]	[N-m]	[N]	[N]	[N]	[N]	[N]	
Platea 1	B	184,582	19,767	4,462	85499	16002721	5753793	21842014	NS
	L	173,316	-31,596	5,283	88309	20907858	8391686	29387853	NS

#### LEGENDA:

<b>Elm</b>	Elemento di fondazione su cui si esegue la verifica.
<b>Dir</b>	Direzione di verifica: per Plinti [B]= asse locale 2; [L]= asse locale 3. Per Winkler [B]= asse locale 3; [L]= asse locale 1. Per Platee [B]= asse globale Y; [L]= asse globale X.
<b>F<sub>RD1</sub></b>	Aliquota di resistenza allo scorrimento per attrito terra-fondazione.
<b>F<sub>RD2</sub></b>	Aliquota di resistenza allo scorrimento per adesione.
<b>F<sub>RD3</sub></b>	Aliquota di resistenza allo scorrimento per affondamento.
<b>F<sub>RD</sub></b>	Resistenza allo scorrimento.
<b>CS</b>	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).
<b>N<sub>Ed</sub>, M<sub>Ed</sub>, V<sub>Ed</sub></b>	Sollecitazioni di progetto.

### GEOTECNICA - CALCOLO DEI CEDIMENTI (Fondazione)

#### Geotecnica - Calcolo dei cedimenti

Id <sub>w</sub>	N <sub>ps</sub>	N <sub>id</sub>	W <sub>ed</sub>	W <sub>o</sub>	W <sub>c</sub>	W <sub>f</sub>
			[cm]	[cm]	[cm]	[cm]
SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa <= 30kN * 0.7 + Carico da Neve <= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1						
C0001	00009	5	0.06	0.06	0.00	0.06
C0002	00010	2	0.06	0.06	0.00	0.06
C0003	00015	1	0.00	0.00	0.00	0.00
C0004	00016	4	0.00	0.00	0.00	0.00
C0005	00122		0.01	0.01	0.00	0.01
C0006	00014		0.05	0.05	0.00	0.05
C0007	00013		0.04	0.04	0.00	0.04



Geotecnica - Calcolo dei cedimenti

Id <sub>w</sub>	N <sub>ps</sub>	N <sub>id</sub>	W <sub>ed</sub> [cm]	W <sub>o</sub> [cm]	W <sub>c</sub> [cm]	W <sub>f</sub> [cm]
C0008	00012		0.00	0.00	0.00	0.00
C0009	00011		0.00	0.00	0.00	0.00
<b>SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa &lt;= 30kN * 0.7 + Carico da Neve &lt;= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1 + Pressione del Vento (-Y) * 0.6</b>						
C0001	00009	5	0.06	0.06	0.00	0.06
C0002	00010	2	0.07	0.07	0.00	0.07
C0003	00015	1	0.00	0.00	0.00	0.00
C0004	00016	4	0.00	0.00	0.00	0.00
C0005	00122		0.01	0.01	0.00	0.01
C0006	00014		0.05	0.05	0.00	0.05
C0007	00013		0.04	0.04	0.00	0.04
C0008	00012		0.00	0.00	0.00	0.00
C0009	00011		0.00	0.00	0.00	0.00
<b>SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa &lt;= 30kN * 0.7 + Carico da Neve &lt;= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1 + Pressione del Vento (+Y) * 0.6</b>						
C0001	00009	5	0.07	0.07	0.00	0.07
C0002	00010	2	0.06	0.06	0.00	0.06
C0003	00015	1	0.00	0.00	0.00	0.00
C0004	00016	4	0.00	0.00	0.00	0.00
C0005	00122		0.01	0.01	0.00	0.01
C0006	00014		0.04	0.04	0.00	0.04
C0007	00013		0.05	0.05	0.00	0.05
C0008	00012		0.00	0.00	0.00	0.00
C0009	00011		0.00	0.00	0.00	0.00
<b>SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa &lt;= 30kN * 0.7 + Carico da Neve &lt;= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1 + Pressione del Vento (-X) * 0.6</b>						
C0001	00009	5	0.06	0.06	0.00	0.06
C0002	00010	2	0.05	0.05	0.00	0.05
C0003	00015	1	0.00	0.00	0.00	0.00
C0004	00016	4	0.00	0.00	0.00	0.00
C0005	00122		0.01	0.01	0.00	0.01
C0006	00014		0.04	0.04	0.00	0.04
C0007	00013		0.04	0.04	0.00	0.04
C0008	00012		0.00	0.00	0.00	0.00
C0009	00011		0.00	0.00	0.00	0.00
<b>SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa &lt;= 30kN * 0.7 + Carico da Neve &lt;= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1 + Pressione del Vento (+X) * 0.6</b>						
C0001	00009	5	0.07	0.07	0.00	0.07
C0002	00010	2	0.06	0.06	0.00	0.06
C0003	00015	1	0.00	0.00	0.00	0.00
C0004	00016	4	0.00	0.00	0.00	0.00
C0005	00122		0.01	0.01	0.00	0.01
C0006	00014		0.04	0.04	0.00	0.04
C0007	00013		0.05	0.05	0.00	0.05
C0008	00012		0.00	0.00	0.00	0.00
C0009	00011		0.00	0.00	0.00	0.00
<b>SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 1 + Autorimessa &lt;= 30kN * 0.7 + Carico da Neve &lt;= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1</b>						
C0001	00009	5	0.07	0.07	0.00	0.07
C0002	00010	2	0.07	0.07	0.00	0.07
C0003	00015	1	0.00	0.00	0.00	0.00
C0004	00016	4	0.00	0.00	0.00	0.00
C0005	00122		0.01	0.01	0.00	0.01
C0006	00014		0.05	0.05	0.00	0.05
C0007	00013		0.05	0.05	0.00	0.05
C0008	00012		0.00	0.00	0.00	0.00
C0009	00011		0.00	0.00	0.00	0.00
<b>SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 1 + Autorimessa &lt;= 30kN * 0.7 + Carico da Neve &lt;= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1 + Pressione del Vento (-Y) * 0.6</b>						
C0001	00009	5	0.07	0.07	0.00	0.07
C0002	00010	2	0.08	0.08	0.00	0.08
C0003	00015	1	0.00	0.00	0.00	0.00
C0004	00016	4	0.00	0.00	0.00	0.00
C0005	00122		0.01	0.01	0.00	0.01
C0006	00014		0.06	0.06	0.00	0.06
C0007	00013		0.05	0.05	0.00	0.05
C0008	00012		0.00	0.00	0.00	0.00
C0009	00011		0.00	0.00	0.00	0.00
<b>SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 1 + Autorimessa &lt;= 30kN * 0.7 + Carico da Neve &lt;= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1 + Pressione del Vento (+Y) * 0.6</b>						
C0001	00009	5	0.08	0.08	0.00	0.08
C0002	00010	2	0.07	0.07	0.00	0.07
C0003	00015	1	0.00	0.00	0.00	0.00
C0004	00016	4	0.00	0.00	0.00	0.00
C0005	00122		0.01	0.01	0.00	0.01



Geotecnica - Calcolo dei cedimenti

Id <sub>w</sub>	N <sub>ps</sub>	N <sub>id</sub>	W <sub>ed</sub> [cm]	W <sub>o</sub> [cm]	W <sub>c</sub> [cm]	W <sub>f</sub> [cm]
C0006	00014		0.05	0.05	0.00	0.05
C0007	00013		0.06	0.06	0.00	0.06
C0008	00012		0.00	0.00	0.00	0.00
C0009	00011		0.00	0.00	0.00	0.00
<b>SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 1 + Autorimessa &lt;= 30kN * 0.7 + Carico da Neve &lt;= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1 + Pressione del Vento (-X) * 0.6</b>						
C0001	00009	5	0.07	0.07	0.00	0.07
C0002	00010	2	0.07	0.07	0.00	0.07
C0003	00015	1	0.00	0.00	0.00	0.00
C0004	00016	4	0.00	0.00	0.00	0.00
C0005	00122		0.01	0.01	0.00	0.01
C0006	00014		0.05	0.05	0.00	0.05
C0007	00013		0.05	0.05	0.00	0.05
C0008	00012		0.00	0.00	0.00	0.00
C0009	00011		0.00	0.00	0.00	0.00
<b>SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 1 + Autorimessa &lt;= 30kN * 0.7 + Carico da Neve &lt;= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1 + Pressione del Vento (+X) * 0.6</b>						
C0001	00009	5	0.08	0.08	0.00	0.08
C0002	00010	2	0.07	0.07	0.00	0.07
C0003	00015	1	0.00	0.00	0.00	0.00
C0004	00016	4	0.00	0.00	0.00	0.00
C0005	00122		0.01	0.01	0.00	0.01
C0006	00014		0.05	0.05	0.00	0.05
C0007	00013		0.06	0.06	0.00	0.06
C0008	00012		0.00	0.00	0.00	0.00
C0009	00011		0.00	0.00	0.00	0.00
<b>SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa &lt;= 30kN * 1 + Carico da Neve &lt;= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1</b>						
C0001	00009	5	0.07	0.07	0.00	0.07
C0002	00010	2	0.07	0.07	0.00	0.07
C0003	00015	1	0.00	0.00	0.00	0.00
C0004	00016	4	0.00	0.00	0.00	0.00
C0005	00122		0.01	0.01	0.00	0.01
C0006	00014		0.05	0.05	0.00	0.05
C0007	00013		0.05	0.05	0.00	0.05
C0008	00012		0.00	0.00	0.00	0.00
C0009	00011		0.00	0.00	0.00	0.00
<b>SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa &lt;= 30kN * 1 + Carico da Neve &lt;= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1 + Pressione del Vento (-Y) * 0.6</b>						
C0001	00009	5	0.06	0.06	0.00	0.06
C0002	00010	2	0.08	0.08	0.00	0.08
C0003	00015	1	0.00	0.00	0.00	0.00
C0004	00016	4	0.00	0.00	0.00	0.00
C0005	00122		0.01	0.01	0.00	0.01
C0006	00014		0.06	0.06	0.00	0.06
C0007	00013		0.04	0.04	0.00	0.04
C0008	00012		0.00	0.00	0.00	0.00
C0009	00011		0.00	0.00	0.00	0.00
<b>SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa &lt;= 30kN * 1 + Carico da Neve &lt;= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1 + Pressione del Vento (+Y) * 0.6</b>						
C0001	00009	5	0.07	0.07	0.00	0.07
C0002	00010	2	0.06	0.06	0.00	0.06
C0003	00015	1	0.00	0.00	0.00	0.00
C0004	00016	4	0.00	0.00	0.00	0.00
C0005	00122		0.01	0.01	0.00	0.01
C0006	00014		0.05	0.05	0.00	0.05
C0007	00013		0.05	0.05	0.00	0.05
C0008	00012		0.00	0.00	0.00	0.00
C0009	00011		0.00	0.00	0.00	0.00
<b>SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa &lt;= 30kN * 1 + Carico da Neve &lt;= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1 + Pressione del Vento (-X) * 0.6</b>						
C0001	00009	5	0.06	0.06	0.00	0.06
C0002	00010	2	0.06	0.06	0.00	0.06
C0003	00015	1	0.00	0.00	0.00	0.00
C0004	00016	4	0.00	0.00	0.00	0.00
C0005	00122		0.01	0.01	0.00	0.01
C0006	00014		0.04	0.04	0.00	0.04
C0007	00013		0.05	0.05	0.00	0.05
C0008	00012		0.00	0.00	0.00	0.00
C0009	00011		0.00	0.00	0.00	0.00
<b>SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa &lt;= 30kN * 1 + Carico da Neve &lt;= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1 + Pressione del Vento (+X) * 0.6</b>						
C0001	00009	5	0.07	0.07	0.00	0.07
C0002	00010	2	0.06	0.06	0.00	0.06
C0003	00015	1	0.00	0.00	0.00	0.00



Geotecnica - Calcolo dei cedimenti

Id <sub>w</sub>	N <sub>ps</sub>	N <sub>id</sub>	W <sub>ed</sub> [cm]	W <sub>0</sub> [cm]	W <sub>c</sub> [cm]	W <sub>f</sub> [cm]
C0004	00016	4	0.00	0.00	0.00	0.00
C0005	00122		0.01	0.01	0.00	0.01
C0006	00014		0.05	0.05	0.00	0.05
C0007	00013		0.05	0.05	0.00	0.05
C0008	00012		0.00	0.00	0.00	0.00
C0009	00011		0.00	0.00	0.00	0.00
<b>SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa &lt;= 30kN * 0.7 + Carico da Neve &lt;= 1000 m s.l.m.</b>						
<b>* 1 + Spinta Terreno (statica) * 1</b>						
C0001	00009	5	0.07	0.07	0.00	0.07
C0002	00010	2	0.07	0.07	0.00	0.07
C0003	00015	1	0.00	0.00	0.00	0.00
C0004	00016	4	0.00	0.00	0.00	0.00
C0005	00122		0.01	0.01	0.00	0.01
C0006	00014		0.05	0.05	0.00	0.05
C0007	00013		0.05	0.05	0.00	0.05
C0008	00012		0.00	0.00	0.00	0.00
C0009	00011		0.00	0.00	0.00	0.00
<b>SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa &lt;= 30kN * 0.7 + Carico da Neve &lt;= 1000 m s.l.m.</b>						
<b>* 1 + Spinta Terreno (statica) * 1 + Pressione del Vento (-Y) * 0.6</b>						
C0001	00009	5	0.06	0.06	0.00	0.06
C0002	00010	2	0.08	0.08	0.00	0.08
C0003	00015	1	0.00	0.00	0.00	0.00
C0004	00016	4	0.00	0.00	0.00	0.00
C0005	00122		0.01	0.01	0.00	0.01
C0006	00014		0.06	0.06	0.00	0.06
C0007	00013		0.05	0.05	0.00	0.05
C0008	00012		0.00	0.00	0.00	0.00
C0009	00011		0.00	0.00	0.00	0.00
<b>SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa &lt;= 30kN * 0.7 + Carico da Neve &lt;= 1000 m s.l.m.</b>						
<b>* 1 + Spinta Terreno (statica) * 1 + Pressione del Vento (+Y) * 0.6</b>						
C0001	00009	5	0.07	0.07	0.00	0.07
C0002	00010	2	0.07	0.07	0.00	0.07
C0003	00015	1	0.00	0.00	0.00	0.00
C0004	00016	4	0.00	0.00	0.00	0.00
C0005	00122		0.01	0.01	0.00	0.01
C0006	00014		0.05	0.05	0.00	0.05
C0007	00013		0.05	0.05	0.00	0.05
C0008	00012		0.00	0.00	0.00	0.00
C0009	00011		0.00	0.00	0.00	0.00
<b>SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa &lt;= 30kN * 0.7 + Carico da Neve &lt;= 1000 m s.l.m.</b>						
<b>* 1 + Spinta Terreno (statica) * 1 + Pressione del Vento (-X) * 0.6</b>						
C0001	00009	5	0.07	0.07	0.00	0.07
C0002	00010	2	0.06	0.06	0.00	0.06
C0003	00015	1	0.00	0.00	0.00	0.00
C0004	00016	4	0.00	0.00	0.00	0.00
C0005	00122		0.01	0.01	0.00	0.01
C0006	00014		0.04	0.04	0.00	0.04
C0007	00013		0.05	0.05	0.00	0.05
C0008	00012		0.00	0.00	0.00	0.00
C0009	00011		0.00	0.00	0.00	0.00
<b>SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa &lt;= 30kN * 0.7 + Carico da Neve &lt;= 1000 m s.l.m.</b>						
<b>* 1 + Spinta Terreno (statica) * 1 + Pressione del Vento (+X) * 0.6</b>						
C0001	00009	5	0.07	0.07	0.00	0.07
C0002	00010	2	0.07	0.07	0.00	0.07
C0003	00015	1	0.00	0.00	0.00	0.00
C0004	00016	4	0.00	0.00	0.00	0.00
C0005	00122		0.01	0.01	0.00	0.01
C0006	00014		0.05	0.05	0.00	0.05
C0007	00013		0.05	0.05	0.00	0.05
C0008	00012		0.00	0.00	0.00	0.00
C0009	00011		0.00	0.00	0.00	0.00
<b>SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa &lt;= 30kN * 0.7 + Carico da Neve &lt;= 1000 m s.l.m.</b>						
<b>* 0.5 + Spinta Terreno (statica) * 1 + Pressione del Vento (+X) * 1</b>						
C0001	00009	5	0.07	0.07	0.00	0.07
C0002	00010	2	0.06	0.06	0.00	0.06
C0003	00015	1	0.00	0.00	0.00	0.00
C0004	00016	4	0.00	0.00	0.00	0.00
C0005	00122		0.01	0.01	0.00	0.01
C0006	00014		0.04	0.04	0.00	0.04
C0007	00013		0.05	0.05	0.00	0.05
C0008	00012		0.00	0.00	0.00	0.00
C0009	00011		0.00	0.00	0.00	0.00
<b>SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa &lt;= 30kN * 0.7 + Carico da Neve &lt;= 1000 m s.l.m.</b>						
<b>* 0.5 + Spinta Terreno (statica) * 1 + Pressione del Vento (-X) * 1</b>						
C0001	00009	5	0.06	0.06	0.00	0.06



Geotecnica - Calcolo dei cedimenti

Id <sub>w</sub>	N <sub>ps</sub>	N <sub>id</sub>	W <sub>ed</sub> [cm]	W <sub>0</sub> [cm]	W <sub>c</sub> [cm]	W <sub>f</sub> [cm]
C0002	00010	2	0.05	0.05	0.00	0.05
C0003	00015	1	0.00	0.00	0.00	0.00
C0004	00016	4	0.00	0.00	0.00	0.00
C0005	00122		0.01	0.01	0.00	0.01
C0006	00014		0.03	0.03	0.00	0.03
C0007	00013		0.04	0.04	0.00	0.04
C0008	00012		0.01	0.01	0.00	0.01
C0009	00011		0.00	0.00	0.00	0.00
<b>SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa &lt;= 30kN * 0.7 + Carico da Neve &lt;= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1 + Pressione del Vento (+Y) * 1</b>						
C0001	00009	5	0.07	0.07	0.00	0.07
C0002	00010	2	0.06	0.06	0.00	0.06
C0003	00015	1	0.00	0.00	0.00	0.00
C0004	00016	4	0.00	0.00	0.00	0.00
C0005	00122		0.01	0.01	0.00	0.01
C0006	00014		0.04	0.04	0.00	0.04
C0007	00013		0.05	0.05	0.00	0.05
C0008	00012		0.00	0.00	0.00	0.00
C0009	00011		0.00	0.00	0.00	0.00
<b>SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa &lt;= 30kN * 0.7 + Carico da Neve &lt;= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1 + Pressione del Vento (-Y) * 1</b>						
C0001	00009	5	0.05	0.05	0.00	0.05
C0002	00010	2	0.08	0.08	0.00	0.08
C0003	00015	1	0.00	0.00	0.00	0.00
C0004	00016	4	0.00	0.00	0.00	0.00
C0005	00122		0.01	0.01	0.00	0.01
C0006	00014		0.06	0.06	0.00	0.06
C0007	00013		0.04	0.04	0.00	0.04
C0008	00012		0.00	0.00	0.00	0.00
C0009	00011		0.00	0.00	0.00	0.00
<b>SLE Freq:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.3 + Autorimessa &lt;= 30kN * 0.6 + Spinta Terreno (statica) * 1</b>						
C0001	00009	5	0.03	0.03	0.00	0.03
C0002	00010	2	0.03	0.03	0.00	0.03
C0003	00015	1	0.00	0.00	0.00	0.00
C0004	00016	4	0.00	0.00	0.00	0.00
C0005	00122		0.00	0.00	0.00	0.00
C0006	00014		0.03	0.03	0.00	0.03
C0007	00013		0.03	0.03	0.00	0.03
C0008	00012		0.00	0.00	0.00	0.00
C0009	00011		0.00	0.00	0.00	0.00
<b>SLE Freq:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.5 + Autorimessa &lt;= 30kN * 0.6 + Spinta Terreno (statica) * 1</b>						
C0001	00009	5	0.04	0.04	0.00	0.04
C0002	00010	2	0.04	0.04	0.00	0.04
C0003	00015	1	0.00	0.00	0.00	0.00
C0004	00016	4	0.00	0.00	0.00	0.00
C0005	00122		0.00	0.00	0.00	0.00
C0006	00014		0.03	0.03	0.00	0.03
C0007	00013		0.03	0.03	0.00	0.03
C0008	00012		0.00	0.00	0.00	0.00
C0009	00011		0.00	0.00	0.00	0.00
<b>SLE Freq:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.3 + Autorimessa &lt;= 30kN * 0.7 + Spinta Terreno (statica) * 1</b>						
C0001	00009	5	0.03	0.03	0.00	0.03
C0002	00010	2	0.04	0.04	0.00	0.04
C0003	00015	1	0.00	0.00	0.00	0.00
C0004	00016	4	0.00	0.00	0.00	0.00
C0005	00122		0.00	0.00	0.00	0.00
C0006	00014		0.03	0.03	0.00	0.03
C0007	00013		0.03	0.03	0.00	0.03
C0008	00012		0.00	0.00	0.00	0.00
C0009	00011		0.00	0.00	0.00	0.00
<b>SLE Freq:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.3 + Autorimessa &lt;= 30kN * 0.6 + Carico da Neve &lt;= 1000 m s.l.m. * 0.2 + Spinta Terreno (statica) * 1</b>						
C0001	00009	5	0.04	0.04	0.00	0.04
C0002	00010	2	0.04	0.04	0.00	0.04
C0003	00015	1	0.00	0.00	0.00	0.00
C0004	00016	4	0.00	0.00	0.00	0.00
C0005	00122		0.00	0.00	0.00	0.00
C0006	00014		0.03	0.03	0.00	0.03
C0007	00013		0.03	0.03	0.00	0.03
C0008	00012		0.00	0.00	0.00	0.00
C0009	00011		0.00	0.00	0.00	0.00
<b>SLE Freq:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.3 + Autorimessa &lt;= 30kN * 0.6 + Spinta Terreno (statica) * 1 + Pressione del Vento (+X) * 0.2</b>						
C0001	00009	5	0.04	0.04	0.00	0.04
C0002	00010	2	0.03	0.03	0.00	0.03



Geotecnica - Calcolo dei cedimenti							
Id <sub>w</sub>	N <sub>ps</sub>	N <sub>id</sub>	W <sub>ed</sub> [cm]	W <sub>0</sub> [cm]	W <sub>c</sub> [cm]	W <sub>f</sub> [cm]	
C0003	00015	1	0.00	0.00	0.00	0.00	
C0004	00016	4	0.00	0.00	0.00	0.00	
C0005	00122		0.00	0.00	0.00	0.00	
C0006	00014		0.03	0.03	0.00	0.03	
C0007	00013		0.03	0.03	0.00	0.03	
C0008	00012		0.00	0.00	0.00	0.00	
C0009	00011		0.00	0.00	0.00	0.00	
<b>SLE Freq:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.3 + Autorimessa &lt;= 30kN * 0.6 + Spinta Terreno (statica) * 1 + Pressione del Vento (-X) * 0.2</b>							
C0001	00009	5	0.03	0.03	0.00	0.03	
C0002	00010	2	0.03	0.03	0.00	0.03	
C0003	00015	1	0.00	0.00	0.00	0.00	
C0004	00016	4	0.00	0.00	0.00	0.00	
C0005	00122		0.00	0.00	0.00	0.00	
C0006	00014		0.02	0.02	0.00	0.02	
C0007	00013		0.03	0.03	0.00	0.03	
C0008	00012		0.00	0.00	0.00	0.00	
C0009	00011		0.00	0.00	0.00	0.00	
<b>SLE Freq:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.3 + Autorimessa &lt;= 30kN * 0.6 + Spinta Terreno (statica) * 1 + Pressione del Vento (+Y) * 0.2</b>							
C0001	00009	5	0.04	0.04	0.00	0.04	
C0002	00010	2	0.03	0.03	0.00	0.03	
C0003	00015	1	0.00	0.00	0.00	0.00	
C0004	00016	4	0.00	0.00	0.00	0.00	
C0005	00122		0.00	0.00	0.00	0.00	
C0006	00014		0.03	0.03	0.00	0.03	
C0007	00013		0.03	0.03	0.00	0.03	
C0008	00012		0.00	0.00	0.00	0.00	
C0009	00011		0.00	0.00	0.00	0.00	
<b>SLE Freq:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.3 + Autorimessa &lt;= 30kN * 0.6 + Spinta Terreno (statica) * 1 + Pressione del Vento (-Y) * 0.2</b>							
C0001	00009	5	0.03	0.03	0.00	0.03	
C0002	00010	2	0.04	0.04	0.00	0.04	
C0003	00015	1	0.00	0.00	0.00	0.00	
C0004	00016	4	0.00	0.00	0.00	0.00	
C0005	00122		0.00	0.00	0.00	0.00	
C0006	00014		0.03	0.03	0.00	0.03	
C0007	00013		0.02	0.02	0.00	0.02	
C0008	00012		0.00	0.00	0.00	0.00	
C0009	00011		0.00	0.00	0.00	0.00	
<b>SLE Perm:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.3 + Autorimessa &lt;= 30kN * 0.6 + Spinta Terreno (statica) * 1</b>							
C0001	00009	5	0.03	0.03	0.00	0.03	
C0002	00010	2	0.03	0.03	0.00	0.03	
C0003	00015	1	0.00	0.00	0.00	0.00	
C0004	00016	4	0.00	0.00	0.00	0.00	
C0005	00122		0.00	0.00	0.00	0.00	
C0006	00014		0.03	0.03	0.00	0.03	
C0007	00013		0.03	0.03	0.00	0.03	
C0008	00012		0.00	0.00	0.00	0.00	
C0009	00011		0.00	0.00	0.00	0.00	

#### LEGENDA:

<b>Id<sub>w</sub></b>	Identificativo del Punto Significativo (punto in cui viene calcolato il cedimento).
<b>N<sub>ps</sub></b>	Numero identificativo del Punto Significativo.
<b>N<sub>id</sub></b>	Numero identificativo dell'elemento verticale (pilastro, estremo parete, setto).
	[*]= indica la presenza di un nodo intermedio calcolato sulla base della parete/setto/muro.
<b>W<sub>ed</sub></b>	Cedimento edometrico.
<b>W<sub>0</sub></b>	Cedimento istantaneo.
<b>W<sub>c</sub></b>	Cedimento di consolidazione.
<b>W<sub>f</sub></b>	Cedimento finale.

### GEOTECNICA - CEDIMENTI DIFFERENZIALI (Fondazione)

Geotecnica - Cedimenti differenziali								
Id <sub>w</sub>	Id <sub>aw</sub>	Nodo i	Nodo f	L <sub>i-f</sub> [cm]	ΔW <sub>i-f</sub> [cm]	(L/ΔW) <sub>i-f</sub>	(L/ΔW) <sub>lim</sub>	CS
<b>SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa &lt;= 30kN * 0.7 + Carico da Neve &lt;= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1</b>								
001	C0003-C0002	00015	00010	177	0.06	3,029.50	200	15.15
002	C0004-C0001	00016	00009	177	0.06	3,057.13	200	15.29
003	C0003-C0004	00015	00016	168	0.00	NS	200	NS
004	C0002-C0001	00010	00009	168	0.00	NS	200	NS
<b>SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa &lt;= 30kN * 0.7 + Carico da Neve &lt;= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1 + Pressione del Vento (-Y) * 0.6</b>								
001	C0003-C0002	00015	00010	177	0.07	2,586.00	200	12.93



Geotecnica - Cedimenti differenziali								
Id <sub>w</sub>	Id <sub>Δw</sub>	Nodo i	Nodo f	L <sub>i-f</sub> [cm]	ΔW <sub>i-f</sub> [cm]	(L/ΔW) <sub>i-f</sub>	(L/ΔW) <sub>lim</sub>	CS
002	C0004-C0001	00016	00009	177	0.05	3,349.71	200	16.75
003	C0003-C0004	00015	00016	168	0.00	NS	200	NS
004	C0002-C0001	00010	00009	168	0.02	10,316.70	200	51.58
<b>SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa &lt;= 30kN * 0.7 + Carico da Neve &lt;= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1 + Pressione del Vento (+Y) * 0.6</b>								
001	C0003-C0002	00015	00010	177	0.06	3,094.70	200	15.47
002	C0004-C0001	00016	00009	177	0.06	2,757.66	200	13.79
003	C0003-C0004	00015	00016	168	0.00	NS	200	NS
004	C0002-C0001	00010	00009	168	0.01	22,954.51	200	NS
<b>SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa &lt;= 30kN * 0.7 + Carico da Neve &lt;= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1 + Pressione del Vento (-X) * 0.6</b>								
001	C0003-C0002	00015	00010	177	0.05	3,569.75	200	17.85
002	C0004-C0001	00016	00009	177	0.06	3,130.89	200	15.65
003	C0003-C0004	00015	00016	168	0.00	NS	200	NS
004	C0002-C0001	00010	00009	168	0.01	22,941.83	200	NS
<b>SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa &lt;= 30kN * 0.7 + Carico da Neve &lt;= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1 + Pressione del Vento (+X) * 0.6</b>								
001	C0003-C0002	00015	00010	177	0.06	3,094.70	200	15.47
002	C0004-C0001	00016	00009	177	0.06	2,757.66	200	13.79
003	C0003-C0004	00015	00016	168	0.00	NS	200	NS
004	C0002-C0001	00010	00009	168	0.01	22,954.51	200	NS
<b>SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 1 + Autorimessa &lt;= 30kN * 0.7 + Carico da Neve &lt;= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1</b>								
001	C0003-C0002	00015	00010	177	0.07	2,510.62	200	12.55
002	C0004-C0001	00016	00009	177	0.07	2,531.71	200	12.66
003	C0003-C0004	00015	00016	168	0.00	NS	200	NS
004	C0002-C0001	00010	00009	168	0.00	NS	200	NS
<b>SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 1 + Autorimessa &lt;= 30kN * 0.7 + Carico da Neve &lt;= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1 + Pressione del Vento (-Y) * 0.6</b>								
001	C0003-C0002	00015	00010	177	0.08	2,198.34	200	10.99
002	C0004-C0001	00016	00009	177	0.07	2,722.81	200	13.61
003	C0003-C0004	00015	00016	168	0.00	NS	200	NS
004	C0002-C0001	00010	00009	168	0.02	10,280.94	200	51.40
<b>SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 1 + Autorimessa &lt;= 30kN * 0.7 + Carico da Neve &lt;= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1 + Pressione del Vento (+Y) * 0.6</b>								
001	C0003-C0002	00015	00010	177	0.07	2,553.03	200	12.77
002	C0004-C0001	00016	00009	177	0.08	2,322.81	200	11.61
003	C0003-C0004	00015	00016	168	0.00	NS	200	NS
004	C0002-C0001	00010	00009	168	0.01	23,204.64	200	NS
<b>SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 1 + Autorimessa &lt;= 30kN * 0.7 + Carico da Neve &lt;= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1 + Pressione del Vento (-X) * 0.6</b>								
001	C0003-C0002	00015	00010	177	0.06	2,870.47	200	14.35
002	C0004-C0001	00016	00009	177	0.07	2,582.16	200	12.91
003	C0003-C0004	00015	00016	168	0.00	NS	200	NS
004	C0002-C0001	00010	00009	168	0.01	23,159.35	200	NS
<b>SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 1 + Autorimessa &lt;= 30kN * 0.7 + Carico da Neve &lt;= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1 + Pressione del Vento (+X) * 0.6</b>								
001	C0003-C0002	00015	00010	177	0.07	2,553.03	200	12.77
002	C0004-C0001	00016	00009	177	0.08	2,322.81	200	11.61
003	C0003-C0004	00015	00016	168	0.00	NS	200	NS
004	C0002-C0001	00010	00009	168	0.01	23,204.64	200	NS
<b>SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa &lt;= 30kN * 1 + Carico da Neve &lt;= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1</b>								
001	C0003-C0002	00015	00010	177	0.06	2,865.92	200	14.33
002	C0004-C0001	00016	00009	177	0.06	2,890.27	200	14.45
003	C0003-C0004	00015	00016	168	0.00	NS	200	NS
004	C0002-C0001	00010	00009	168	0.00	NS	200	NS
<b>SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa &lt;= 30kN * 1 + Carico da Neve &lt;= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1 + Pressione del Vento (-Y) * 0.6</b>								
001	C0003-C0002	00015	00010	177	0.07	2,469.55	200	12.35
002	C0004-C0001	00016	00009	177	0.06	3,142.24	200	15.71
003	C0003-C0004	00015	00016	168	0.00	NS	200	NS
004	C0002-C0001	00010	00009	168	0.02	10,317.98	200	51.59
<b>SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa &lt;= 30kN * 1 + Carico da Neve &lt;= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1 + Pressione del Vento (+Y) * 0.6</b>								
001	C0003-C0002	00015	00010	177	0.06	2,921.67	200	14.61
002	C0004-C0001	00016	00009	177	0.07	2,621.05	200	13.11
003	C0003-C0004	00015	00016	168	0.00	NS	200	NS
004	C0002-C0001	00010	00009	168	0.01	22,948.17	200	NS
<b>SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa &lt;= 30kN * 1 + Carico da Neve &lt;= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1 + Pressione del Vento (-X) * 0.6</b>								
001	C0003-C0002	00015	00010	177	0.05	3,344.43	200	16.72
002	C0004-C0001	00016	00009	177	0.06	2,970.41	200	14.85
003	C0003-C0004	00015	00016	168	0.00	NS	200	NS
004	C0002-C0001	00010	00009	168	0.01	22,948.17	200	NS



Geotecnica - Cedimenti differenziali								
Id <sub>w</sub>	Id <sub>Δw</sub>	Nodo i	Nodo f	L <sub>i-f</sub> [cm]	ΔW <sub>i-f</sub> [cm]	(L/ΔW) <sub>i-f</sub>	(L/ΔW) <sub>lim</sub>	CS
<b>SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa &lt;= 30kN * 1 + Carico da Neve &lt;= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1 + Pressione del Vento (+X) * 0.6</b>								
001	C0003-C0002	00015	00010	177	0.06	2,921.67	200	14.61
002	C0004-C0001	00016	00009	177	0.07	2,621.05	200	13.11
003	C0003-C0004	00015	00016	168	0.00	NS	200	NS
004	C0002-C0001	00010	00009	168	0.01	22,948.17	200	NS
<b>SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa &lt;= 30kN * 0.7 + Carico da Neve &lt;= 1000 m s.l.m. * 1 + Spinta Terreno (statica) * 1</b>								
001	C0003-C0002	00015	00010	177	0.07	2,713.05	200	13.57
002	C0004-C0001	00016	00009	177	0.06	2,735.84	200	13.68
003	C0003-C0004	00015	00016	168	0.00	NS	200	NS
004	C0002-C0001	00010	00009	168	0.00	NS	200	NS
<b>SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa &lt;= 30kN * 0.7 + Carico da Neve &lt;= 1000 m s.l.m. * 1 + Spinta Terreno (statica) * 1 + Pressione del Vento (-Y) * 0.6</b>								
001	C0003-C0002	00015	00010	177	0.08	2,351.97	200	11.76
002	C0004-C0001	00016	00009	177	0.06	2,960.31	200	14.80
003	C0003-C0004	00015	00016	168	0.00	NS	200	NS
004	C0002-C0001	00010	00009	168	0.02	10,310.29	200	51.55
<b>SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa &lt;= 30kN * 0.7 + Carico da Neve &lt;= 1000 m s.l.m. * 1 + Spinta Terreno (statica) * 1 + Pressione del Vento (+Y) * 0.6</b>								
001	C0003-C0002	00015	00010	177	0.06	2,763.05	200	13.82
002	C0004-C0001	00016	00009	177	0.07	2,493.63	200	12.47
003	C0003-C0004	00015	00016	168	0.00	NS	200	NS
004	C0002-C0001	00010	00009	168	0.01	23,037.29	200	NS
<b>SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa &lt;= 30kN * 0.7 + Carico da Neve &lt;= 1000 m s.l.m. * 1 + Spinta Terreno (statica) * 1 + Pressione del Vento (-X) * 0.6</b>								
001	C0003-C0002	00015	00010	177	0.06	3,137.80	200	15.69
002	C0004-C0001	00016	00009	177	0.06	2,794.53	200	13.97
003	C0003-C0004	00015	00016	168	0.00	NS	200	NS
004	C0002-C0001	00010	00009	168	0.01	23,011.75	200	NS
<b>SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa &lt;= 30kN * 0.7 + Carico da Neve &lt;= 1000 m s.l.m. * 1 + Spinta Terreno (statica) * 1 + Pressione del Vento (+X) * 0.6</b>								
001	C0003-C0002	00015	00010	177	0.06	2,763.05	200	13.82
002	C0004-C0001	00016	00009	177	0.07	2,493.63	200	12.47
003	C0003-C0004	00015	00016	168	0.00	NS	200	NS
004	C0002-C0001	00010	00009	168	0.01	23,037.29	200	NS
<b>SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa &lt;= 30kN * 0.7 + Carico da Neve &lt;= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1 + Pressione del Vento (+X) * 1</b>								
001	C0003-C0002	00015	00010	177	0.06	3,142.99	200	15.71
002	C0004-C0001	00016	00009	177	0.07	2,588.28	200	12.94
003	C0003-C0004	00015	00016	168	0.00	NS	200	NS
004	C0002-C0001	00010	00009	168	0.01	13,371.34	200	66.86
<b>SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa &lt;= 30kN * 0.7 + Carico da Neve &lt;= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1 + Pressione del Vento (-X) * 1</b>								
001	C0003-C0002	00015	00010	177	0.04	4,051.46	200	20.26
002	C0004-C0001	00016	00009	177	0.06	3,188.48	200	15.94
003	C0003-C0004	00015	00016	168	0.00	NS	200	NS
004	C0002-C0001	00010	00009	168	0.01	13,373.50	200	66.87
<b>SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa &lt;= 30kN * 0.7 + Carico da Neve &lt;= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1 + Pressione del Vento (+Y) * 1</b>								
001	C0003-C0002	00015	00010	177	0.06	3,142.99	200	15.71
002	C0004-C0001	00016	00009	177	0.07	2,588.28	200	12.94
003	C0003-C0004	00015	00016	168	0.00	NS	200	NS
004	C0002-C0001	00010	00009	168	0.01	13,371.34	200	66.86
<b>SLE Rare:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.7 + Autorimessa &lt;= 30kN * 0.7 + Carico da Neve &lt;= 1000 m s.l.m. * 0.5 + Spinta Terreno (statica) * 1 + Pressione del Vento (-Y) * 1</b>								
001	C0003-C0002	00015	00010	177	0.08	2,356.08	200	11.78
002	C0004-C0001	00016	00009	177	0.05	3,582.90	200	17.91
003	C0003-C0004	00015	00016	168	0.00	NS	200	NS
004	C0002-C0001	00010	00009	168	0.03	6,274.51	200	31.37
<b>SLE Freq:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.3 + Autorimessa &lt;= 30kN * 0.6 + Spinta Terreno (statica) * 1</b>								
001	C0003-C0002	00015	00010	177	0.03	5,275.98	200	26.38
002	C0004-C0001	00016	00009	177	0.03	5,349.03	200	26.75
003	C0003-C0004	00015	00016	168	0.00	NS	200	NS
004	C0002-C0001	00010	00009	168	0.00	NS	200	NS
<b>SLE Freq:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.5 + Autorimessa &lt;= 30kN * 0.6 + Spinta Terreno (statica) * 1</b>								
001	C0003-C0002	00015	00010	177	0.04	4,210.62	200	21.05
002	C0004-C0001	00016	00009	177	0.04	4,260.41	200	21.30
003	C0003-C0004	00015	00016	168	0.00	NS	200	NS
004	C0002-C0001	00010	00009	168	0.00	NS	200	NS
<b>SLE Freq:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.3 + Autorimessa &lt;= 30kN * 0.7 + Spinta Terreno (statica) * 1</b>								
001	C0003-C0002	00015	00010	177	0.03	5,066.99	200	25.33
002	C0004-C0001	00016	00009	177	0.03	5,133.70	200	25.67
003	C0003-C0004	00015	00016	168	0.00	NS	200	NS
004	C0002-C0001	00010	00009	168	0.00	NS	200	NS



Geotecnica - Cedimenti differenziali								
Id <sub>w</sub>	Id <sub>Δw</sub>	Nodo i	Nodo f	L <sub>i-f</sub> [cm]	ΔW <sub>i-f</sub> [cm]	(L/ΔW) <sub>i-f</sub>	(L/ΔW) <sub>lim</sub>	CS
<b>SLE Freq:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.3 + Autorimessa &lt;= 30kN * 0.6 + Carico da Neve &lt;= 1000 m s.l.m. * 0.2 + Spinta Terreno (statica) * 1</b>								
001	C0003-C0002	00015	00010	177	0.04	4,851.15	200	24.26
002	C0004-C0001	00016	00009	177	0.04	4,912.54	200	24.56
003	C0003-C0004	00015	00016	168	0.00	NS	200	NS
004	C0002-C0001	00010	00009	168	0.00	NS	200	NS
<b>SLE Freq:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.3 + Autorimessa &lt;= 30kN * 0.6 + Spinta Terreno (statica) * 1 + Pressione del Vento (+X) * 0.2</b>								
001	C0003-C0002	00015	00010	177	0.03	5,354.55	200	26.77
002	C0004-C0001	00016	00009	177	0.04	5,027.53	200	25.14
003	C0003-C0004	00015	00016	168	0.00	NS	200	NS
004	C0002-C0001	00010	00009	168	0.00	NS	200	NS
<b>SLE Freq:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.3 + Autorimessa &lt;= 30kN * 0.6 + Spinta Terreno (statica) * 1 + Pressione del Vento (-X) * 0.2</b>								
001	C0003-C0002	00015	00010	177	0.03	5,783.04	200	28.92
002	C0004-C0001	00016	00009	177	0.03	5,402.44	200	27.01
003	C0003-C0004	00015	00016	168	0.00	NS	200	NS
004	C0002-C0001	00010	00009	168	0.00	NS	200	NS
<b>SLE Freq:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.3 + Autorimessa &lt;= 30kN * 0.6 + Spinta Terreno (statica) * 1 + Pressione del Vento (+Y) * 0.2</b>								
001	C0003-C0002	00015	00010	177	0.03	5,354.55	200	26.77
002	C0004-C0001	00016	00009	177	0.04	5,027.53	200	25.14
003	C0003-C0004	00015	00016	168	0.00	NS	200	NS
004	C0002-C0001	00010	00009	168	0.00	NS	200	NS
<b>SLE Freq:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.3 + Autorimessa &lt;= 30kN * 0.6 + Spinta Terreno (statica) * 1 + Pressione del Vento (-Y) * 0.2</b>								
001	C0003-C0002	00015	00010	177	0.04	4,788.25	200	23.94
002	C0004-C0001	00016	00009	177	0.03	5,655.56	200	28.28
003	C0003-C0004	00015	00016	168	0.00	NS	200	NS
004	C0002-C0001	00010	00009	168	0.01	29,439.71	200	NS
<b>SLE Perm:Carico Permanente * 1 + Permanenti NON Strutturali * 1 + Abitazioni * 0.3 + Autorimessa &lt;= 30kN * 0.6 + Spinta Terreno (statica) * 1</b>								
001	C0003-C0002	00015	00010	177	0.03	5,275.98	200	26.38
002	C0004-C0001	00016	00009	177	0.03	5,349.03	200	26.75
003	C0003-C0004	00015	00016	168	0.00	NS	200	NS
004	C0002-C0001	00010	00009	168	0.00	NS	200	NS

#### LEGENDA:

<b>Id<sub>w</sub></b>	Identificativo del Punto Significativo (punto in cui viene calcolato il cedimento).
<b>Id<sub>Δw</sub></b>	Identificativo del cedimento differenziale.
<b>L<sub>i-f</sub></b>	Lunghezza del tratto ai cui estremi si valuta il cedimento differenziale.
<b>ΔW<sub>i-f</sub></b>	Cedimento differenziale.
<b>(L/ΔW)<sub>i-f</sub></b>	Distorsione angolare ([NS] = Non Significativo - per valori di (L/ΔW) <sub>i-f</sub> maggiori o uguali di 50.000).
<b>(L/ΔW)<sub>lim</sub></b>	Distorsione angolare limite.
<b>CS</b>	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).
<b>Nodo i, f</b>	Identificativo dei nodi di estremità su cui si valuta il cedimento differenziale: [i] = Iniziale - [f] = Finale.

### GEOTECNICA - VERIFICHE DEI CEDIMENTI DIFFERENZIALI (Fondazione)

Geotecnica - Verifiche dei cedimenti differenziali				
Id <sub>w</sub>	Id <sub>Δw</sub>	(L/ΔW) <sub>i-f</sub>	(L/ΔW) <sub>lim</sub>	CS
001	C0003-C0002	2,198.34	200	10.99
002	C0004-C0001	2,322.81	200	11.61
003	C0003-C0004	NS	200	NS
004	C0002-C0001	6,274.51	200	31.37

#### LEGENDA:

<b>Id<sub>w</sub></b>	Identificativo del Punto Significativo (punto in cui viene calcolato il cedimento).
<b>Id<sub>Δw</sub></b>	Identificativo del cedimento differenziale.
<b>(L/ΔW)<sub>i-f</sub></b>	Distorsione angolare ([NS] = Non Significativo - per valori di (L/ΔW) <sub>i-f</sub> maggiori o uguali di 50.000).
<b>(L/ΔW)<sub>lim</sub></b>	Distorsione angolare limite.
<b>CS</b>	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).