

Comune di  
MAGLIANO DI TENNA

# AMPLIAMENTO CIMITERO CIVICO

## PROGETTO ESECUTIVO

TAV. R9  
PROGETTO  
RELAZIONE DI CALCOLO STRUTTURE

PROGETTISTI Provincia di Fermo:

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STAMPA DEI DATI DI PROGETTO

INTESTAZIONE E DATI CARATTERISTICI DELLA STRUTTURA

Nome dell'archivio di lavoro	Strutturale
Intestazione del lavoro	Strutturale SLV
Tipo di struttura	Nello Spazio
Tipo di analisi	Statica e Dinamica
Tipo di soluzione	Lineare
Unita' di misura delle forze	kg
Unita' di misura delle lunghezze	cm
Normativa	NTC/2008

NORMATIVA

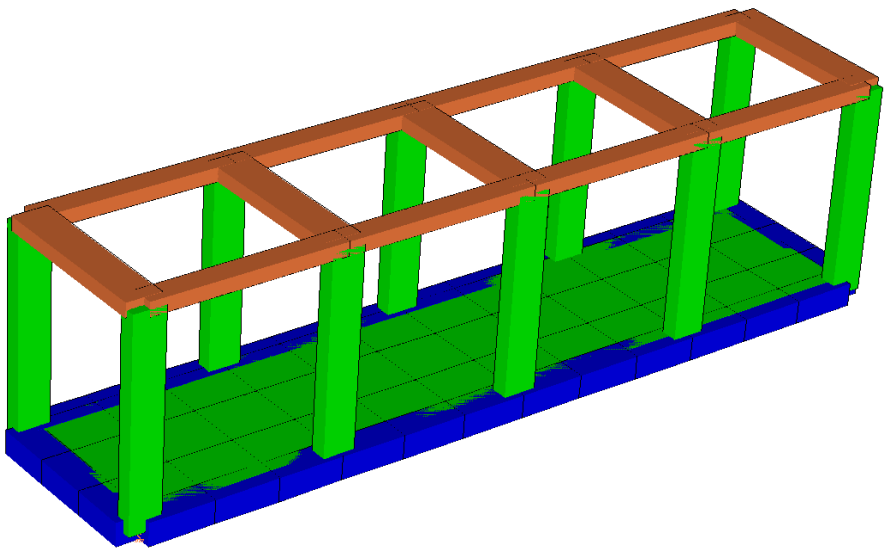
Vita nominale costruzione	50 anni
Classe d'uso costruzione	II
Vita di riferimento	50 anni
Spettro di risposta	Stato limite ultimo slv
Probabilita' di superamento periodo di riferimento	10
Tempo di ritorno del sisma	475 anni
Localita'	San Severino Marche
ag/g	0.176
F0	2.43
Tc	0.34
Categoria del suolo	C
Fattore topografico	1

STATO LIMITE ULTIMO

Coefficiente di smorzamento	5%
Eccentricita' accidentale	5%
Numero di frequenze	10
Fattore q di struttura per sisma orizzontale	qor = 3.3 [q0X = 3.3 q0Y = 3.3 kw = 1 Kr = 1]
Duttilita'	Bassa Duttilita'

PARAMETRI SISMICI

Angolo del sisma nel piano orizzontale	0
Sisma verticale	Assente
Combinazione dei modi	CQC
Combinazione componenti azioni sismiche	NTC 2008 - Eurocodice 8
$\lambda$	0.3
$\mu$	0.3



# RIEPILOGO DELLE SEZIONI UTILIZZATE NEL MODELLO STRUTTURALE

## SEZIONI RETTANGOLARI

Codice	Base	H
1	50.000	40.000
2	30.000	56.000
3	60.000	24.000
4	40.000	24.000

## CARICHI PER ELEMENTI TRAVE, TRAVE DI FONDAZIONE E RETICOLARE

### Carico distribuito con riferimento globale Z, agente sulla lunghezza reale

Descrizione	Cod.	Cond. carico	Tipo Azione/categoria	Val. iniz.	Dist.iniz. nodo I	Val. finale	Dist.fin. nodo I	Aliq.inerz.	Aliq.inerz. SLD
Peso proprio solaio h = 20+4 cm	1	Condizione 1	Permanente: Permanente portato	-0.028500	0.000	-0.028500	0.000	1.0000	1.0000
Permanente	2	Condizione 1	Permanente: Permanente portato	-0.024000	0.000	-0.024000	0.000	1.0000	1.0000
Neve Zona II	3	Condizione 2	Variabile: Neve	-0.010000	0.000	-0.010000	0.000	0.0000	0.0000

## CARICHI PER ELEMENTI BIDIMENSIONALI

### Carico di superficie nella direzione globale Z, agente sulla superficie reale

Descrizione	Codice	Cond. carico	Tipo Azione/categoria	Valore	Aliq.dinamica	Aliq.inerz.SLD
Permanente	4	Condizione 1	Permanente: Permanente portato	-0.020000	1.0000	1.0000
Categoria E - Biblioteche, archivi, magazzini	5	Condizione 3	Variabile: Magazzini	-0.061200	0.8000	0.8000

## LISTA MATERIALI UTILIZZATI

Codice	Descrizione	Mod. elast.	Coef. Poisson	Peso unit.	Dil. term.	Aliq. inerz.	Rigid. taglio	Rigid. fless.
1	Calcestruzzo C28/35 (Rck 350)	+3.30e+005	0.120	0.00250	+1.00e-005	1.000	+1.00e+000	+1.00e+000

## GRUPPI DELLA STRUTTURA

### ELEMENTO FINITO: TRAVE

Numero gruppo	Descrizione gruppo	
1	Pilastrì	
2	Travi	

### ELEMENTO FINITO: PIASTRA

Numero gruppo	Descrizione gruppo	
1	Platea	

### ELEMENTO FINITO: VINCOLO

Numero gruppo	Descrizione gruppo	
1	Vincoli di platea cost. sottofondo = 1	

ELEMENTO FINITO: TRAVE DI FONDAZIONE

Numero gruppo	Descrizione gruppo	
1	Travi di fondazione	

NODI DEL MODELLO

Nodo	Coord. X	Coord. Y	Coord. Z	Temper.	uX	uY	uZ	rX	rY	rZ
1	0.000	0.000	0.000	0.000	0	0	0	0	0	0
2	340.000	0.000	0.000	0.000	0	0	0	0	0	0
3	680.000	0.000	0.000	0.000	0	0	0	0	0	0
4	1020.000	0.000	0.000	0.000	0	0	0	0	0	0
5	1360.000	0.000	0.000	0.000	0	0	0	0	0	0
6	1360.000	300.000	0.000	0.000	0	0	0	0	0	0
7	1020.000	300.000	0.000	0.000	0	0	0	0	0	0
8	680.000	300.000	0.000	0.000	0	0	0	0	0	0
9	340.000	300.000	0.000	0.000	0	0	0	0	0	0
10	0.000	300.000	0.000	0.000	0	0	0	0	0	0
11	0.000	300.000	362.000	0.000	PXY[171]	PXY[171]	0	0	0	PXY[171]
12	340.000	300.000	362.000	0.000	PXY[171]	PXY[171]	0	0	0	PXY[171]
13	680.000	300.000	362.000	0.000	PXY[171]	PXY[171]	0	0	0	PXY[171]
14	1020.000	300.000	362.000	0.000	PXY[171]	PXY[171]	0	0	0	PXY[171]
15	1360.000	300.000	362.000	0.000	PXY[171]	PXY[171]	0	0	0	PXY[171]
16	1360.000	0.000	362.000	0.000	PXY[171]	PXY[171]	0	0	0	PXY[171]
17	1020.000	0.000	362.000	0.000	PXY[171]	PXY[171]	0	0	0	PXY[171]
18	680.000	0.000	362.000	0.000	PXY[171]	PXY[171]	0	0	0	PXY[171]
19	340.000	0.000	362.000	0.000	PXY[171]	PXY[171]	0	0	0	PXY[171]
20	0.000	0.000	362.000	0.000	PXY[171]	PXY[171]	0	0	0	PXY[171]
69	113.333	0.000	0.000	0.000	0	0	0	0	0	0
70	226.667	0.000	0.000	0.000	0	0	0	0	0	0
71	113.333	300.000	0.000	0.000	0	0	0	0	0	0
72	226.667	300.000	0.000	0.000	0	0	0	0	0	0
73	340.000	200.000	0.000	0.000	0	0	0	0	0	0
74	340.000	100.000	0.000	0.000	0	0	0	0	0	0
75	0.000	200.000	0.000	0.000	0	0	0	0	0	0
76	0.000	100.000	0.000	0.000	0	0	0	0	0	0
77	113.333	100.000	0.000	0.000	0	0	0	0	0	0
78	226.667	100.000	0.000	0.000	0	0	0	0	0	0
79	113.333	200.000	0.000	0.000	0	0	0	0	0	0
80	226.667	200.000	0.000	0.000	0	0	0	0	0	0
81	453.333	0.000	0.000	0.000	0	0	0	0	0	0
82	566.667	0.000	0.000	0.000	0	0	0	0	0	0
83	453.333	300.000	0.000	0.000	0	0	0	0	0	0
84	566.667	300.000	0.000	0.000	0	0	0	0	0	0
85	680.000	200.000	0.000	0.000	0	0	0	0	0	0
86	680.000	100.000	0.000	0.000	0	0	0	0	0	0
87	453.333	100.000	0.000	0.000	0	0	0	0	0	0
88	566.667	100.000	0.000	0.000	0	0	0	0	0	0
89	453.333	200.000	0.000	0.000	0	0	0	0	0	0
90	566.667	200.000	0.000	0.000	0	0	0	0	0	0
91	793.333	0.000	0.000	0.000	0	0	0	0	0	0
92	906.667	0.000	0.000	0.000	0	0	0	0	0	0
93	793.333	300.000	0.000	0.000	0	0	0	0	0	0
94	906.667	300.000	0.000	0.000	0	0	0	0	0	0
95	1020.000	200.000	0.000	0.000	0	0	0	0	0	0
96	1020.000	100.000	0.000	0.000	0	0	0	0	0	0
97	793.333	100.000	0.000	0.000	0	0	0	0	0	0
98	906.667	100.000	0.000	0.000	0	0	0	0	0	0
99	793.333	200.000	0.000	0.000	0	0	0	0	0	0
100	906.667	200.000	0.000	0.000	0	0	0	0	0	0
101	1133.333	0.000	0.000	0.000	0	0	0	0	0	0
102	1246.667	0.000	0.000	0.000	0	0	0	0	0	0
103	1133.333	300.000	0.000	0.000	0	0	0	0	0	0
104	1246.667	300.000	0.000	0.000	0	0	0	0	0	0

Nodo	Coord. X	Coord. Y	Coord. Z	Temper.	uX	uY	uZ	rX	rY	rZ
105	1360.000	200.000	0.000	0.000	0	0	0	0	0	0
106	1360.000	100.000	0.000	0.000	0	0	0	0	0	0
107	1133.333	100.000	0.000	0.000	0	0	0	0	0	0
108	1246.667	100.000	0.000	0.000	0	0	0	0	0	0
109	1133.333	200.000	0.000	0.000	0	0	0	0	0	0
110	1246.667	200.000	0.000	0.000	0	0	0	0	0	0

Legenda: descrizione della simbologia adottata per i gradi di liberta'	
Simbolo	Descrizione del Grado di Liberta'
0	libero
1	bloccato
MASTER	Master di una o piu' relazioni
PXY[nnn]	Slave di piano rigido XY [nnn = nodo master, e' stato assegnato automaticamente in fase di calcolo]

### PROSPETTO RIASSUNTIVO CENTRI DELLE MASSE E DELLE RIGIDEZZE

Nodo	CENTRI DELLE MASSE			Nodi master automatici	CENTRI DELLE RIGIDEZZE		ECCENTRICITA' RELATIVE	
	Coord. X	Coord. Y	Coord. Z		Coord. X	Coord. Y	Coord. X	Coord. Y
171	680.000	150.000	362.000	-2	680.000	150.000	-0.000	0.000

## GRUPPI ELEMENTO FINITO TRAVE

### GRUPPO NUMERO: 1 - DESCRIZIONE: PILASTRI

Nodi				Connessioni				Offset strutturali/Conci rigidi							
Asta	I	J	K	Nodo I	Nodo J	Mat.	Sez.								
1	1	20	0	Rigida	Rigida	1	2								
2	2	19	0	Rigida	Rigida	1	2								
3	3	18	0	Rigida	Rigida	1	2								
4	4	17	0	Rigida	Rigida	1	2								
5	5	16	0	Rigida	Rigida	1	2								
6	6	15	0	Rigida	Rigida	1	2								
7	7	14	0	Rigida	Rigida	1	2								
8	8	13	0	Rigida	Rigida	1	2								
9	9	12	0	Rigida	Rigida	1	2								
10	10	11	0	Rigida	Rigida	1	2								

### GRUPPO NUMERO: 2 - DESCRIZIONE: TRAVI

Nodi				Connessioni				Offset strutturali/Conci rigidi											
Asta	I	J	K	Nodo I	Nodo J	Mat.	Sez.												
1	20	11	0	Rigida	Rigida	1	3												
2	19	12	0	Rigida	Rigida	1	3												
3	18	13	0	Rigida	Rigida	1	3												
4	17	14	0	Rigida	Rigida	1	3												
5	16	15	0	Rigida	Rigida	1	3												
6	20	19	0	Rigida	Rigida	1	4	Offset: dXI=	0.0	dYI=	5.0	dZI=	0.0	dXJ=	0.0	dYJ=	5.0	dZJ=	0.0
7	19	18	0	Rigida	Rigida	1	4	Offset: dXI=	0.0	dYI=	5.0	dZI=	0.0	dXJ=	0.0	dYJ=	5.0	dZJ=	0.0
8	18	17	0	Rigida	Rigida	1	4	Offset: dXI=	0.0	dYI=	5.0	dZI=	0.0	dXJ=	0.0	dYJ=	5.0	dZJ=	0.0
9	17	16	0	Rigida	Rigida	1	4	Offset: dXI=	0.0	dYI=	5.0	dZI=	0.0	dXJ=	0.0	dYJ=	5.0	dZJ=	0.0
10	11	12	0	Rigida	Rigida	1	4	Offset: dXI=	0.0	dYI=	-5.0	dZI=	0.0	dXJ=	0.0	dYJ=	-5.0	dZJ=	0.0
11	12	13	0	Rigida	Rigida	1	4	Offset: dXI=	0.0	dYI=	-5.0	dZI=	0.0	dXJ=	0.0	dYJ=	-5.0	dZJ=	0.0

Nodi				Connessioni				Offset strutturali/Conci rigidi							
Asta	I	J	K	Nodo I	Nodo J	Mat.	Sez.								
12	13	14	0	Rigida	Rigida	1	4	Offset: dXI=	0.0 dYI=	-5.0 dZI=	0.0 dXJ=	0.0 dYJ=	-5.0 dZJ=	0.0	
13	14	15	0	Rigida	Rigida	1	4	Offset: dXI=	0.0 dYI=	-5.0 dZI=	0.0 dXJ=	0.0 dYJ=	-5.0 dZJ=	0.0	

Offset architettonici

Asta	Nodo I			Nodo J		
	Delta XI	Delta YI	Delta ZI	Delta XJ	Delta YJ	Delta ZJ
6	0.0	5.0	0.0	0.0	5.0	0.0
7	0.0	5.0	0.0	0.0	5.0	0.0
8	0.0	5.0	0.0	0.0	5.0	0.0
9	0.0	5.0	0.0	0.0	5.0	0.0
10	0.0	-5.0	0.0	0.0	-5.0	0.0
11	0.0	-5.0	0.0	0.0	-5.0	0.0
12	0.0	-5.0	0.0	0.0	-5.0	0.0
13	0.0	-5.0	0.0	0.0	-5.0	0.0

GRUPPI ELEMENTO FINITO PIASTRA

GRUPPO NUMERO: 1 DESCRIZIONE: PLATEA

Elem.	Nodo I	Nodo J	Nodo K	Nodo L	Spessore	Materiale
1	1	69	77	76	40.00	1
2	69	70	78	77	40.00	1
3	70	2	74	78	40.00	1
4	76	77	79	75	40.00	1
5	77	78	80	79	40.00	1
6	78	74	73	80	40.00	1
7	75	79	71	10	40.00	1
8	79	80	72	71	40.00	1
9	80	73	9	72	40.00	1
10	110	105	6	104	40.00	1
11	109	110	104	103	40.00	1
12	95	109	103	7	40.00	1
13	108	106	105	110	40.00	1
14	107	108	110	109	40.00	1
15	96	107	109	95	40.00	1
16	102	5	106	108	40.00	1
17	101	102	108	107	40.00	1
18	4	101	107	96	40.00	1
19	100	95	7	94	40.00	1
20	99	100	94	93	40.00	1
21	85	99	93	8	40.00	1
22	98	96	95	100	40.00	1
23	97	98	100	99	40.00	1
24	86	97	99	85	40.00	1
25	92	4	96	98	40.00	1
26	91	92	98	97	40.00	1
27	3	91	97	86	40.00	1
28	90	85	8	84	40.00	1
29	89	90	84	83	40.00	1
30	73	89	83	9	40.00	1
31	88	86	85	90	40.00	1
32	87	88	90	89	40.00	1
33	74	87	89	73	40.00	1
34	82	3	86	88	40.00	1
35	81	82	88	87	40.00	1
36	2	81	87	74	40.00	1

GRUPPI ELEMENTO FINITO VINCOLO

GRUPPO NUMERO: 1 - DESCRIZIONE: VINCOLI DI PLATEA COST. SOTTOFONDO = 1

VINCOLI STANDARD

Nodo	Rigid. Trasl. X	Rigid. Rotaz. X	Rigid. Trasl. Y	Rigid. Rotaz. Y	Rigid. Trasl. Z	Rigid. Rotaz. Z
1					+2.83e+003	
2					+5.67e+003	
3					+5.67e+003	
4					+5.67e+003	
5					+2.83e+003	
6					+2.83e+003	
7					+5.67e+003	
8					+5.67e+003	
9					+5.67e+003	
10					+2.83e+003	
69					+5.67e+003	
70					+5.67e+003	
71					+5.67e+003	
72					+5.67e+003	
73					+1.13e+004	
74					+1.13e+004	
75					+5.67e+003	
76					+5.67e+003	
77					+1.13e+004	
78					+1.13e+004	
79					+1.13e+004	
80					+1.13e+004	
81					+5.67e+003	
82					+5.67e+003	
83					+5.67e+003	
84					+5.67e+003	
85					+1.13e+004	
86					+1.13e+004	
87					+1.13e+004	
88					+1.13e+004	
89					+1.13e+004	
90					+1.13e+004	
91					+5.67e+003	
92					+5.67e+003	
93					+5.67e+003	
94					+5.67e+003	
95					+1.13e+004	
96					+1.13e+004	
97					+1.13e+004	

Nodo	Rigid. Trasl. X	Rigid. Rotaz. X	Rigid. Trasl. Y	Rigid. Rotaz. Y	Rigid. Trasl. Z	Rigid. Rotaz. Z
98					+1.13e+004	
99					+1.13e+004	
100					+1.13e+004	
101					+5.67e+003	
102					+5.67e+003	
103					+5.67e+003	
104					+5.67e+003	
105					+5.67e+003	
106					+5.67e+003	
107					+1.13e+004	
108					+1.13e+004	
109					+1.13e+004	
110					+1.13e+004	

## GRUPPI ELEMENTO FINITO TRAVE DI FONDAZIONE

### GRUPPO NUMERO: 1 - DESCRIZIONE: TRAVI DI FONDAZIONE

Nodi			Connessioni							
Asta	I	J	K	Nodo I	Nodo J	Mat.	Sez.	car.suolo	larg.impronta	suddivisioni
1	1	69	0	Rigida	Rigida	1	1	+1.00e+000	50.000	3
2	2	81	0	Rigida	Rigida	1	1	+1.00e+000	50.000	3
3	3	91	0	Rigida	Rigida	1	1	+1.00e+000	50.000	3
4	4	101	0	Rigida	Rigida	1	1	+1.00e+000	50.000	3
5	10	71	0	Rigida	Rigida	1	1	+1.00e+000	50.000	3
6	9	83	0	Rigida	Rigida	1	1	+1.00e+000	50.000	3
7	8	93	0	Rigida	Rigida	1	1	+1.00e+000	50.000	3
8	7	103	0	Rigida	Rigida	1	1	+1.00e+000	50.000	3
9	1	76	0	Rigida	Rigida	1	1	+1.00e+000	50.000	3
10	5	106	0	Rigida	Rigida	1	1	+1.00e+000	50.000	3
11	106	105	0	Rigida	Rigida	1	1	+1.00e+000	50.000	3
12	105	6	0	Rigida	Rigida	1	1	+1.00e+000	50.000	3
13	76	75	0	Rigida	Rigida	1	1	+1.00e+000	50.000	3
14	75	10	0	Rigida	Rigida	1	1	+1.00e+000	50.000	3
15	103	104	0	Rigida	Rigida	1	1	+1.00e+000	50.000	3
16	104	6	0	Rigida	Rigida	1	1	+1.00e+000	50.000	3
17	93	94	0	Rigida	Rigida	1	1	+1.00e+000	50.000	3
18	94	7	0	Rigida	Rigida	1	1	+1.00e+000	50.000	3
19	83	84	0	Rigida	Rigida	1	1	+1.00e+000	50.000	3
20	84	8	0	Rigida	Rigida	1	1	+1.00e+000	50.000	3
21	71	72	0	Rigida	Rigida	1	1	+1.00e+000	50.000	3
22	72	9	0	Rigida	Rigida	1	1	+1.00e+000	50.000	3
23	101	102	0	Rigida	Rigida	1	1	+1.00e+000	50.000	3
24	102	5	0	Rigida	Rigida	1	1	+1.00e+000	50.000	3
25	91	92	0	Rigida	Rigida	1	1	+1.00e+000	50.000	3
26	92	4	0	Rigida	Rigida	1	1	+1.00e+000	50.000	3
27	81	82	0	Rigida	Rigida	1	1	+1.00e+000	50.000	3
28	82	3	0	Rigida	Rigida	1	1	+1.00e+000	50.000	3
29	69	70	0	Rigida	Rigida	1	1	+1.00e+000	50.000	3
30	70	2	0	Rigida	Rigida	1	1	+1.00e+000	50.000	3

### Offset architettonici

Nodo I				Nodo J		
Asta	Delta XI	Delta YI	Delta ZI	Delta XJ	Delta YJ	Delta ZJ
9	-15.0	0.0	0.0	-15.0	0.0	0.0
10	15.0	0.0	0.0	15.0	0.0	0.0



Asta	Nodo I			Nodo J		
	Delta XI	Delta YI	Delta ZI	Delta XJ	Delta YJ	Delta ZJ
11	15.0	0.0	0.0	15.0	0.0	0.0
12	15.0	0.0	0.0	15.0	0.0	0.0
13	-15.0	0.0	0.0	-15.0	0.0	0.0
14	-15.0	0.0	0.0	-15.0	0.0	0.0

## GRUPPI ELEMENTO FINITO TRAVE - ELEMENTI CON CARICO APPLICATO

GRUPPO NUMERO: 2- DESCRIZIONE: TRAVI

Asta	Carichi			
1	Codice carico	1	2	3
	Moltiplicatore	170.00	170.00	170.00
2	Codice carico	1	2	3
	Moltiplicatore	340.00	340.00	340.00
3	Codice carico	1	2	3
	Moltiplicatore	340.00	340.00	340.00
4	Codice carico	1	2	3
	Moltiplicatore	340.00	340.00	340.00
5	Codice carico	1	2	3
	Moltiplicatore	170.00	170.00	170.00

## GRUPPI PIASTRA - ELEMENTI CON CARICO APPLICATO

GRUPPO NUMERO: 1- DESCRIZIONE: PLATEA

Elemento	Carichi	
1	Codice carico	4 5
	Moltiplicatore	1.00 1.00
2	Codice carico	4 5
	Moltiplicatore	1.00 1.00
3	Codice carico	4 5
	Moltiplicatore	1.00 1.00
4	Codice carico	4 5
	Moltiplicatore	1.00 1.00
5	Codice carico	4 5
	Moltiplicatore	1.00 1.00
6	Codice carico	4 5
	Moltiplicatore	1.00 1.00
7	Codice carico	4 5
	Moltiplicatore	1.00 1.00
8	Codice carico	4 5
	Moltiplicatore	1.00 1.00
9	Codice carico	4 5
	Moltiplicatore	1.00 1.00

Elemento		Carichi	
10	Codice carico	4	5
	Moltiplicatore	1.00	1.00
11	Codice carico	4	5
	Moltiplicatore	1.00	1.00
12	Codice carico	4	5
	Moltiplicatore	1.00	1.00
13	Codice carico	4	5
	Moltiplicatore	1.00	1.00
14	Codice carico	4	5
	Moltiplicatore	1.00	1.00
15	Codice carico	4	5
	Moltiplicatore	1.00	1.00
16	Codice carico	4	5
	Moltiplicatore	1.00	1.00
17	Codice carico	4	5
	Moltiplicatore	1.00	1.00
18	Codice carico	4	5
	Moltiplicatore	1.00	1.00
19	Codice carico	4	5
	Moltiplicatore	1.00	1.00
20	Codice carico	4	5
	Moltiplicatore	1.00	1.00
21	Codice carico	4	5
	Moltiplicatore	1.00	1.00
22	Codice carico	4	5
	Moltiplicatore	1.00	1.00
23	Codice carico	4	5
	Moltiplicatore	1.00	1.00
24	Codice carico	4	5
	Moltiplicatore	1.00	1.00
25	Codice carico	4	5
	Moltiplicatore	1.00	1.00
26	Codice carico	4	5
	Moltiplicatore	1.00	1.00
27	Codice carico	4	5
	Moltiplicatore	1.00	1.00
28	Codice carico	4	5
	Moltiplicatore	1.00	1.00
29	Codice carico	4	5
	Moltiplicatore	1.00	1.00

Elemento

Carichi

	Moltiplicatore	1.00	1.00
30	Codice carico	4	5
	Moltiplicatore	1.00	1.00
31	Codice carico	4	5
	Moltiplicatore	1.00	1.00
32	Codice carico	4	5
	Moltiplicatore	1.00	1.00
33	Codice carico	4	5
	Moltiplicatore	1.00	1.00
34	Codice carico	4	5
	Moltiplicatore	1.00	1.00
35	Codice carico	4	5
	Moltiplicatore	1.00	1.00
36	Codice carico	4	5
	Moltiplicatore	1.00	1.00

COMBINAZIONI DI CARICO

NORMATIVA: NORME TECNICHE PER LE COSTRUZIONI - D.M. 14/01/2008 (STATICO E SISMICO)

COMBINAZIONI PER LE VERIFICHE ALLO STATO LIMITE ULTIMO

Num.	Descrizione	Parametri	Tipo azione/categoria	Condizione	Moltiplicatore
1	Dinamica	Azione sismica: Presente	Permanente: Peso Proprio	Condizione peso proprio	1.000
			Permanente: Permanente portato	Condizione 1	1.000
			Variabile: Magazzini	Condizione 3	0.800
			Variabile: Neve	Condizione 2	0.000
2	Statica	Azione sismica: Sisma assente	Permanente: Peso Proprio	Condizione peso proprio	1.300
			Permanente: Permanente portato	Condizione 1	1.300
			Variabile: Magazzini	Condizione 3	1.500
			Variabile: Neve	Condizione 2	1.500
7	Statica GEO	Azione sismica: Sisma assente	Permanente: Peso Proprio	Condizione peso proprio	1.000
			Permanente: Permanente portato	Condizione 1	1.000
			Variabile: Magazzini	Condizione 3	1.300
			Variabile: Neve	Condizione 2	1.300

COMBINAZIONI PER LE VERIFICHE ALLO STATO LIMITE D'ESERCIZIO

Num.	Descrizione	Parametri	Tipo azione/categoria	Condizione	Moltiplicatore
3	Rara	Tipologia: Rara	Permanente: Peso Proprio	Condizione peso proprio	1.000
			Permanente: Permanente portato	Condizione 1	1.000
			Variabile: Magazzini	Condizione 3	1.000
			Variabile: Neve	Condizione 2	1.000
4	Frequente	Tipologia: Frequente	Permanente: Peso Proprio	Condizione peso proprio	1.000
			Permanente: Permanente portato	Condizione 1	1.000
			Variabile: Magazzini	Condizione 3	0.900
			Variabile: Neve	Condizione 2	0.200
5	Quasi permanente	Tipologia: Quasi permanente	Permanente: Peso Proprio	Condizione peso proprio	1.000
			Permanente: Permanente portato	Condizione 1	1.000
			Variabile: Magazzini	Condizione 3	0.800
			Variabile: Neve	Condizione 2	0.000

COMBINAZIONI PER LE VERIFICHE ALLO STATO LIMITE DI DANNO

Num.	Descrizione	Parametri	Tipo azione/categoria	Condizione	Moltiplicatore
6	S.L.D.	Azione sismica: Presente	Permanente: Peso Proprio	Condizione peso proprio	1.000
			Permanente: Permanente portato	Condizione 1	1.000
			Variabile: Magazzini	Condizione 3	0.800
			Variabile: Neve	Condizione 2	0.000

SPOSTAMENTI/ROTAZIONI NODI NON BLOCCATI

COMBINAZIONE DI CARICO: 1 - DESCRIZIONE: DINAMICA

Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
1	+0.00e+000	+0.00e+000	-2.43e-001	+5.78e-005	-5.26e-005	+0.00e+000
2	+0.00e+000	+0.00e+000	-2.35e-001	+5.46e-005	-2.74e-006	+0.00e+000
3	+0.00e+000	+0.00e+000	-2.35e-001	+5.51e-005	+7.05e-011	+0.00e+000
4	+0.00e+000	+0.00e+000	-2.35e-001	+5.46e-005	+2.74e-006	+0.00e+000
5	+0.00e+000	+0.00e+000	-2.43e-001	+5.78e-005	+5.26e-005	+0.00e+000
6	+0.00e+000	+0.00e+000	-2.43e-001	-5.78e-005	+5.26e-005	+0.00e+000
7	+0.00e+000	+0.00e+000	-2.35e-001	-5.46e-005	+2.74e-006	+0.00e+000
8	+0.00e+000	+0.00e+000	-2.35e-001	-5.51e-005	+4.57e-011	+0.00e+000
9	+0.00e+000	+0.00e+000	-2.35e-001	-5.46e-005	-2.74e-006	+0.00e+000
10	+0.00e+000	+0.00e+000	-2.43e-001	-5.78e-005	-5.26e-005	+0.00e+000
11	+1.49e-007	+8.04e-009	-2.45e-001	+1.88e-004	+3.36e-005	-1.60e-011
12	+1.49e-007	+2.62e-009	-2.38e-001	+2.86e-004	-2.91e-006	-1.60e-011
13	+1.49e-007	-2.81e-009	-2.38e-001	+2.92e-004	+5.00e-010	-1.60e-011
14	+1.49e-007	-8.23e-009	-2.38e-001	+2.86e-004	+2.91e-006	-1.60e-011
15	+1.49e-007	-1.37e-008	-2.45e-001	+1.88e-004	-3.36e-005	-1.60e-011
16	+1.44e-007	-1.37e-008	-2.45e-001	-1.88e-004	-3.36e-005	-1.60e-011
17	+1.44e-007	-8.23e-009	-2.38e-001	-2.86e-004	+2.91e-006	-1.60e-011
18	+1.44e-007	-2.81e-009	-2.38e-001	-2.92e-004	+4.49e-010	-1.60e-011
19	+1.44e-007	+2.62e-009	-2.38e-001	-2.86e-004	-2.91e-006	-1.60e-011
20	+1.44e-007	+8.04e-009	-2.45e-001	-1.88e-004	+3.36e-005	-1.60e-011
69	+0.00e+000	+0.00e+000	-2.36e-001	+3.34e-005	-4.27e-005	+0.00e+000
70	+0.00e+000	+0.00e+000	-2.34e-001	+3.24e-005	+2.30e-006	+0.00e+000
71	+0.00e+000	+0.00e+000	-2.36e-001	-3.34e-005	-4.27e-005	+0.00e+000
72	+0.00e+000	+0.00e+000	-2.34e-001	-3.24e-005	+2.30e-006	+0.00e+000
73	+0.00e+000	+0.00e+000	-2.31e-001	-2.36e-005	-3.33e-006	+0.00e+000
74	+0.00e+000	+0.00e+000	-2.31e-001	+2.36e-005	-3.33e-006	+0.00e+000
75	+0.00e+000	+0.00e+000	-2.38e-001	-2.73e-005	-4.10e-005	+0.00e+000
76	+0.00e+000	+0.00e+000	-2.38e-001	+2.73e-005	-4.10e-005	+0.00e+000
77	+0.00e+000	+0.00e+000	-2.33e-001	+1.79e-005	-3.36e-005	+0.00e+000
78	+0.00e+000	+0.00e+000	-2.31e-001	+1.71e-005	-3.74e-006	+0.00e+000
79	+0.00e+000	+0.00e+000	-2.33e-001	-1.79e-005	-3.36e-005	+0.00e+000
80	+0.00e+000	+0.00e+000	-2.31e-001	-1.71e-005	-3.74e-006	+0.00e+000
81	+0.00e+000	+0.00e+000	-2.33e-001	+3.30e-005	-1.48e-005	+0.00e+000
82	+0.00e+000	+0.00e+000	-2.33e-001	+3.31e-005	+1.50e-005	+0.00e+000
83	+0.00e+000	+0.00e+000	-2.33e-001	-3.30e-005	-1.48e-005	+0.00e+000
84	+0.00e+000	+0.00e+000	-2.33e-001	-3.31e-005	+1.50e-005	+0.00e+000
85	+0.00e+000	+0.00e+000	-2.31e-001	-2.37e-005	+1.66e-012	+0.00e+000
86	+0.00e+000	+0.00e+000	-2.31e-001	+2.37e-005	+1.13e-011	+0.00e+000
87	+0.00e+000	+0.00e+000	-2.30e-001	+1.72e-005	-8.28e-006	+0.00e+000
88	+0.00e+000	+0.00e+000	-2.30e-001	+1.72e-005	+8.46e-006	+0.00e+000
89	+0.00e+000	+0.00e+000	-2.30e-001	-1.72e-005	-8.28e-006	+0.00e+000
90	+0.00e+000	+0.00e+000	-2.30e-001	-1.72e-005	+8.46e-006	+0.00e+000
91	+0.00e+000	+0.00e+000	-2.33e-001	+3.31e-005	-1.50e-005	+0.00e+000
92	+0.00e+000	+0.00e+000	-2.33e-001	+3.30e-005	+1.48e-005	+0.00e+000
93	+0.00e+000	+0.00e+000	-2.33e-001	-3.31e-005	-1.50e-005	+0.00e+000
94	+0.00e+000	+0.00e+000	-2.33e-001	-3.30e-005	+1.48e-005	+0.00e+000
95	+0.00e+000	+0.00e+000	-2.31e-001	-2.36e-005	+3.33e-006	+0.00e+000
96	+0.00e+000	+0.00e+000	-2.31e-001	+2.36e-005	+3.33e-006	+0.00e+000
97	+0.00e+000	+0.00e+000	-2.30e-001	+1.72e-005	-8.46e-006	+0.00e+000
98	+0.00e+000	+0.00e+000	-2.30e-001	+1.72e-005	+8.28e-006	+0.00e+000
99	+0.00e+000	+0.00e+000	-2.30e-001	-1.72e-005	-8.46e-006	+0.00e+000
100	+0.00e+000	+0.00e+000	-2.30e-001	-1.72e-005	+8.28e-006	+0.00e+000
101	+0.00e+000	+0.00e+000	-2.34e-001	+3.24e-005	-2.30e-006	+0.00e+000
102	+0.00e+000	+0.00e+000	-2.36e-001	+3.34e-005	+4.27e-005	+0.00e+000

Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
103	+0.00e+000	+0.00e+000	-2.34e-001	-3.24e-005	-2.30e-006	+0.00e+000
104	+0.00e+000	+0.00e+000	-2.36e-001	-3.34e-005	+4.27e-005	+0.00e+000
105	+0.00e+000	+0.00e+000	-2.38e-001	-2.73e-005	+4.10e-005	+0.00e+000
106	+0.00e+000	+0.00e+000	-2.38e-001	+2.73e-005	+4.10e-005	+0.00e+000
107	+0.00e+000	+0.00e+000	-2.31e-001	+1.71e-005	+3.74e-006	+0.00e+000
108	+0.00e+000	+0.00e+000	-2.33e-001	+1.79e-005	+3.36e-005	+0.00e+000
109	+0.00e+000	+0.00e+000	-2.31e-001	-1.71e-005	+3.74e-006	+0.00e+000
110	+0.00e+000	+0.00e+000	-2.33e-001	-1.79e-005	+3.36e-005	+0.00e+000

MASSIME DEFORMAZIONI NODALI

	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z	DLMax
Deform. nodali	+1.49e-007	-1.37e-008	-2.45e-001	+2.92e-004	-5.26e-005	-1.60e-011	+2.45e-001
Nodo	11	15	11	13	1	11	11

COMBINAZIONE DI CARICO: 2 - DESCRIZIONE: STATICA

Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
1	+0.00e+000	+0.00e+000	-3.44e-001	+8.12e-005	-6.50e-005	+0.00e+000
2	+0.00e+000	+0.00e+000	-3.37e-001	+7.69e-005	+1.61e-006	+0.00e+000
3	+0.00e+000	+0.00e+000	-3.38e-001	+7.76e-005	+1.08e-010	+0.00e+000
4	+0.00e+000	+0.00e+000	-3.37e-001	+7.69e-005	-1.61e-006	+0.00e+000
5	+0.00e+000	+0.00e+000	-3.44e-001	+8.12e-005	+6.50e-005	+0.00e+000
6	+0.00e+000	+0.00e+000	-3.44e-001	-8.12e-005	+6.50e-005	+0.00e+000
7	+0.00e+000	+0.00e+000	-3.37e-001	-7.69e-005	-1.61e-006	+0.00e+000
8	+0.00e+000	+0.00e+000	-3.38e-001	-7.76e-005	+7.35e-011	+0.00e+000
9	+0.00e+000	+0.00e+000	-3.37e-001	-7.69e-005	+1.61e-006	+0.00e+000
10	+0.00e+000	+0.00e+000	-3.44e-001	-8.12e-005	-6.50e-005	+0.00e+000
11	+2.32e-007	+7.08e-009	-3.47e-001	+2.80e-004	+4.36e-005	-2.28e-011
12	+2.32e-007	-6.70e-010	-3.42e-001	+4.34e-004	-4.11e-006	-2.28e-011
13	+2.32e-007	-8.42e-009	-3.43e-001	+4.44e-004	+7.77e-010	-2.28e-011
14	+2.32e-007	-1.62e-008	-3.42e-001	+4.34e-004	+4.11e-006	-2.28e-011
15	+2.32e-007	-2.39e-008	-3.47e-001	+2.80e-004	-4.36e-005	-2.28e-011
16	+2.26e-007	-2.39e-008	-3.47e-001	-2.80e-004	-4.36e-005	-2.28e-011
17	+2.26e-007	-1.62e-008	-3.42e-001	-4.34e-004	+4.11e-006	-2.28e-011
18	+2.26e-007	-8.42e-009	-3.43e-001	-4.44e-004	+7.00e-010	-2.28e-011
19	+2.26e-007	-6.70e-010	-3.42e-001	-4.34e-004	-4.11e-006	-2.28e-011
20	+2.26e-007	+7.08e-009	-3.47e-001	-2.80e-004	+4.36e-005	-2.28e-011
69	+0.00e+000	+0.00e+000	-3.36e-001	+4.53e-005	-4.87e-005	+0.00e+000
70	+0.00e+000	+0.00e+000	-3.34e-001	+4.42e-005	+1.35e-005	+0.00e+000
71	+0.00e+000	+0.00e+000	-3.36e-001	-4.53e-005	-4.87e-005	+0.00e+000
72	+0.00e+000	+0.00e+000	-3.34e-001	-4.42e-005	+1.35e-005	+0.00e+000
73	+0.00e+000	+0.00e+000	-3.31e-001	-3.28e-005	+1.57e-006	+0.00e+000
74	+0.00e+000	+0.00e+000	-3.31e-001	+3.28e-005	+1.57e-006	+0.00e+000
75	+0.00e+000	+0.00e+000	-3.37e-001	-3.83e-005	-4.60e-005	+0.00e+000
76	+0.00e+000	+0.00e+000	-3.37e-001	+3.83e-005	-4.60e-005	+0.00e+000
77	+0.00e+000	+0.00e+000	-3.32e-001	+2.43e-005	-3.56e-005	+0.00e+000
78	+0.00e+000	+0.00e+000	-3.31e-001	+2.34e-005	+4.57e-006	+0.00e+000
79	+0.00e+000	+0.00e+000	-3.32e-001	-2.43e-005	-3.56e-005	+0.00e+000
80	+0.00e+000	+0.00e+000	-3.31e-001	-2.34e-005	+4.57e-006	+0.00e+000
81	+0.00e+000	+0.00e+000	-3.35e-001	+4.47e-005	-1.73e-005	+0.00e+000
82	+0.00e+000	+0.00e+000	-3.35e-001	+4.49e-005	+2.37e-005	+0.00e+000
83	+0.00e+000	+0.00e+000	-3.35e-001	-4.47e-005	-1.73e-005	+0.00e+000
84	+0.00e+000	+0.00e+000	-3.35e-001	-4.49e-005	+2.37e-005	+0.00e+000
85	+0.00e+000	+0.00e+000	-3.32e-001	-3.28e-005	+3.78e-012	+0.00e+000
86	+0.00e+000	+0.00e+000	-3.32e-001	+3.28e-005	+1.73e-011	+0.00e+000
87	+0.00e+000	+0.00e+000	-3.31e-001	+2.34e-005	-7.80e-006	+0.00e+000
88	+0.00e+000	+0.00e+000	-3.31e-001	+2.34e-005	+1.41e-005	+0.00e+000
89	+0.00e+000	+0.00e+000	-3.31e-001	-2.34e-005	-7.80e-006	+0.00e+000
90	+0.00e+000	+0.00e+000	-3.31e-001	-2.34e-005	+1.41e-005	+0.00e+000
91	+0.00e+000	+0.00e+000	-3.35e-001	+4.49e-005	-2.37e-005	+0.00e+000
92	+0.00e+000	+0.00e+000	-3.35e-001	+4.47e-005	+1.73e-005	+0.00e+000
93	+0.00e+000	+0.00e+000	-3.35e-001	-4.49e-005	-2.37e-005	+0.00e+000
94	+0.00e+000	+0.00e+000	-3.35e-001	-4.47e-005	+1.73e-005	+0.00e+000
95	+0.00e+000	+0.00e+000	-3.31e-001	-3.28e-005	-1.57e-006	+0.00e+000
96	+0.00e+000	+0.00e+000	-3.31e-001	+3.28e-005	-1.57e-006	+0.00e+000

Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
97	+0.00e+000	+0.00e+000	-3.31e-001	+2.34e-005	-1.41e-005	+0.00e+000
98	+0.00e+000	+0.00e+000	-3.31e-001	+2.34e-005	+7.80e-006	+0.00e+000
99	+0.00e+000	+0.00e+000	-3.31e-001	-2.34e-005	-1.41e-005	+0.00e+000
100	+0.00e+000	+0.00e+000	-3.31e-001	-2.34e-005	+7.80e-006	+0.00e+000
101	+0.00e+000	+0.00e+000	-3.34e-001	+4.42e-005	-1.35e-005	+0.00e+000
102	+0.00e+000	+0.00e+000	-3.36e-001	+4.53e-005	+4.87e-005	+0.00e+000
103	+0.00e+000	+0.00e+000	-3.34e-001	-4.42e-005	-1.35e-005	+0.00e+000
104	+0.00e+000	+0.00e+000	-3.36e-001	-4.53e-005	+4.87e-005	+0.00e+000
105	+0.00e+000	+0.00e+000	-3.37e-001	-3.83e-005	+4.60e-005	+0.00e+000
106	+0.00e+000	+0.00e+000	-3.37e-001	+3.83e-005	+4.60e-005	+0.00e+000
107	+0.00e+000	+0.00e+000	-3.31e-001	+2.34e-005	-4.57e-006	+0.00e+000
108	+0.00e+000	+0.00e+000	-3.32e-001	+2.43e-005	+3.56e-005	+0.00e+000
109	+0.00e+000	+0.00e+000	-3.31e-001	-2.34e-005	-4.57e-006	+0.00e+000
110	+0.00e+000	+0.00e+000	-3.32e-001	-2.43e-005	+3.56e-005	+0.00e+000

### MASSIME DEFORMAZIONI NODALI

	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z	DLMax
Deform. nodali	+2.32e-007	-2.39e-008	-3.47e-001	+4.44e-004	-6.50e-005	-2.28e-011	+3.47e-001
Nodo	11	15	11	13	1	11	11

### COMBINAZIONE DI CARICO: 3 - DESCRIZIONE: RARA

Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
1	+0.00e+000	+0.00e+000	-2.58e-001	+6.25e-005	-5.19e-005	+0.00e+000
2	+0.00e+000	+0.00e+000	-2.51e-001	+5.96e-005	-1.18e-007	+0.00e+000
3	+0.00e+000	+0.00e+000	-2.52e-001	+6.02e-005	+8.22e-011	+0.00e+000
4	+0.00e+000	+0.00e+000	-2.51e-001	+5.96e-005	+1.18e-007	+0.00e+000
5	+0.00e+000	+0.00e+000	-2.58e-001	+6.25e-005	+5.19e-005	+0.00e+000
6	+0.00e+000	+0.00e+000	-2.58e-001	-6.25e-005	+5.19e-005	+0.00e+000
7	+0.00e+000	+0.00e+000	-2.51e-001	-5.96e-005	+1.18e-007	+0.00e+000
8	+0.00e+000	+0.00e+000	-2.52e-001	-6.02e-005	+5.60e-011	+0.00e+000
9	+0.00e+000	+0.00e+000	-2.51e-001	-5.96e-005	-1.18e-007	+0.00e+000
10	+0.00e+000	+0.00e+000	-2.58e-001	-6.25e-005	-5.19e-005	+0.00e+000
11	+1.75e-007	+6.19e-009	-2.60e-001	+2.12e-004	+3.40e-005	-1.69e-011
12	+1.75e-007	+4.55e-010	-2.55e-001	+3.28e-004	-3.11e-006	-1.69e-011
13	+1.75e-007	-5.28e-009	-2.55e-001	+3.36e-004	+5.85e-010	-1.69e-011
14	+1.75e-007	-1.10e-008	-2.55e-001	+3.28e-004	+3.11e-006	-1.69e-011
15	+1.75e-007	-1.68e-008	-2.60e-001	+2.12e-004	-3.39e-005	-1.69e-011
16	+1.70e-007	-1.68e-008	-2.60e-001	-2.12e-004	-3.39e-005	-1.69e-011
17	+1.70e-007	-1.10e-008	-2.55e-001	-3.28e-004	+3.11e-006	-1.69e-011
18	+1.70e-007	-5.28e-009	-2.55e-001	-3.36e-004	+5.27e-010	-1.69e-011
19	+1.70e-007	+4.55e-010	-2.55e-001	-3.28e-004	-3.11e-006	-1.69e-011
20	+1.70e-007	+6.19e-009	-2.60e-001	-2.12e-004	+3.40e-005	-1.69e-011
69	+0.00e+000	+0.00e+000	-2.51e-001	+3.56e-005	-4.01e-005	+0.00e+000
70	+0.00e+000	+0.00e+000	-2.50e-001	+3.48e-005	+7.82e-006	+0.00e+000
71	+0.00e+000	+0.00e+000	-2.51e-001	-3.56e-005	-4.01e-005	+0.00e+000
72	+0.00e+000	+0.00e+000	-2.50e-001	-3.48e-005	+7.82e-006	+0.00e+000
73	+0.00e+000	+0.00e+000	-2.47e-001	-2.55e-005	-3.87e-007	+0.00e+000
74	+0.00e+000	+0.00e+000	-2.47e-001	+2.55e-005	-3.87e-007	+0.00e+000
75	+0.00e+000	+0.00e+000	-2.52e-001	-2.94e-005	-3.83e-005	+0.00e+000
76	+0.00e+000	+0.00e+000	-2.52e-001	+2.94e-005	-3.83e-005	+0.00e+000
77	+0.00e+000	+0.00e+000	-2.48e-001	+1.90e-005	-3.03e-005	+0.00e+000
78	+0.00e+000	+0.00e+000	-2.47e-001	+1.83e-005	+9.74e-007	+0.00e+000
79	+0.00e+000	+0.00e+000	-2.48e-001	-1.90e-005	-3.03e-005	+0.00e+000
80	+0.00e+000	+0.00e+000	-2.47e-001	-1.83e-005	+9.74e-007	+0.00e+000
81	+0.00e+000	+0.00e+000	-2.49e-001	+3.55e-005	-1.41e-005	+0.00e+000
82	+0.00e+000	+0.00e+000	-2.50e-001	+3.56e-005	+1.75e-005	+0.00e+000
83	+0.00e+000	+0.00e+000	-2.49e-001	-3.55e-005	-1.41e-005	+0.00e+000
84	+0.00e+000	+0.00e+000	-2.50e-001	-3.56e-005	+1.75e-005	+0.00e+000
85	+0.00e+000	+0.00e+000	-2.47e-001	-2.56e-005	+3.62e-012	+0.00e+000
86	+0.00e+000	+0.00e+000	-2.47e-001	+2.56e-005	+1.38e-011	+0.00e+000
87	+0.00e+000	+0.00e+000	-2.46e-001	+1.85e-005	-6.93e-006	+0.00e+000
88	+0.00e+000	+0.00e+000	-2.46e-001	+1.85e-005	+1.02e-005	+0.00e+000
89	+0.00e+000	+0.00e+000	-2.46e-001	-1.85e-005	-6.93e-006	+0.00e+000
90	+0.00e+000	+0.00e+000	-2.46e-001	-1.85e-005	+1.02e-005	+0.00e+000

Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
91	+0.00e+000	+0.00e+000	-2.50e-001	+3.56e-005	-1.75e-005	+0.00e+000
92	+0.00e+000	+0.00e+000	-2.49e-001	+3.55e-005	+1.41e-005	+0.00e+000
93	+0.00e+000	+0.00e+000	-2.50e-001	-3.56e-005	-1.75e-005	+0.00e+000
94	+0.00e+000	+0.00e+000	-2.49e-001	-3.55e-005	+1.41e-005	+0.00e+000
95	+0.00e+000	+0.00e+000	-2.47e-001	-2.55e-005	+3.88e-007	+0.00e+000
96	+0.00e+000	+0.00e+000	-2.47e-001	+2.55e-005	+3.88e-007	+0.00e+000
97	+0.00e+000	+0.00e+000	-2.46e-001	+1.85e-005	-1.02e-005	+0.00e+000
98	+0.00e+000	+0.00e+000	-2.46e-001	+1.85e-005	+6.93e-006	+0.00e+000
99	+0.00e+000	+0.00e+000	-2.46e-001	-1.85e-005	-1.02e-005	+0.00e+000
100	+0.00e+000	+0.00e+000	-2.46e-001	-1.85e-005	+6.93e-006	+0.00e+000
101	+0.00e+000	+0.00e+000	-2.50e-001	+3.48e-005	-7.82e-006	+0.00e+000
102	+0.00e+000	+0.00e+000	-2.51e-001	+3.56e-005	+4.01e-005	+0.00e+000
103	+0.00e+000	+0.00e+000	-2.50e-001	-3.48e-005	-7.82e-006	+0.00e+000
104	+0.00e+000	+0.00e+000	-2.51e-001	-3.56e-005	+4.01e-005	+0.00e+000
105	+0.00e+000	+0.00e+000	-2.52e-001	-2.94e-005	+3.83e-005	+0.00e+000
106	+0.00e+000	+0.00e+000	-2.52e-001	+2.94e-005	+3.83e-005	+0.00e+000
107	+0.00e+000	+0.00e+000	-2.47e-001	+1.83e-005	-9.74e-007	+0.00e+000
108	+0.00e+000	+0.00e+000	-2.48e-001	+1.90e-005	+3.03e-005	+0.00e+000
109	+0.00e+000	+0.00e+000	-2.47e-001	-1.83e-005	-9.74e-007	+0.00e+000
110	+0.00e+000	+0.00e+000	-2.48e-001	-1.90e-005	+3.03e-005	+0.00e+000

### MASSIME DEFORMAZIONI NODALI

	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z	DLMax
Deform. nodali	+1.75e-007	-1.68e-008	-2.60e-001	+3.36e-004	-5.19e-005	-1.69e-011	+2.60e-001
Nodo	11	15	11	13	1	11	11

### COMBINAZIONE DI CARICO: 4 - DESCRIZIONE: FREQUENTE

Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
1	+0.00e+000	+0.00e+000	-2.48e-001	+5.84e-005	-5.16e-005	+0.00e+000
2	+0.00e+000	+0.00e+000	-2.41e-001	+5.50e-005	-1.75e-006	+0.00e+000
3	+0.00e+000	+0.00e+000	-2.41e-001	+5.54e-005	+7.25e-011	+0.00e+000
4	+0.00e+000	+0.00e+000	-2.41e-001	+5.50e-005	+1.75e-006	+0.00e+000
5	+0.00e+000	+0.00e+000	-2.48e-001	+5.84e-005	+5.16e-005	+0.00e+000
6	+0.00e+000	+0.00e+000	-2.48e-001	-5.84e-005	+5.16e-005	+0.00e+000
7	+0.00e+000	+0.00e+000	-2.41e-001	-5.50e-005	+1.75e-006	+0.00e+000
8	+0.00e+000	+0.00e+000	-2.41e-001	-5.54e-005	+4.73e-011	+0.00e+000
9	+0.00e+000	+0.00e+000	-2.41e-001	-5.50e-005	-1.75e-006	+0.00e+000
10	+0.00e+000	+0.00e+000	-2.48e-001	-5.84e-005	-5.16e-005	+0.00e+000
11	+1.54e-007	+7.45e-009	-2.50e-001	+1.92e-004	+3.34e-005	-1.64e-011
12	+1.54e-007	+1.87e-009	-2.44e-001	+2.94e-004	-2.96e-006	-1.64e-011
13	+1.54e-007	-3.70e-009	-2.44e-001	+3.00e-004	+5.17e-010	-1.64e-011
14	+1.54e-007	-9.27e-009	-2.44e-001	+2.94e-004	+2.96e-006	-1.64e-011
15	+1.54e-007	-1.48e-008	-2.50e-001	+1.92e-004	-3.34e-005	-1.64e-011
16	+1.49e-007	-1.48e-008	-2.50e-001	-1.92e-004	-3.34e-005	-1.64e-011
17	+1.49e-007	-9.27e-009	-2.44e-001	-2.94e-004	+2.96e-006	-1.64e-011
18	+1.49e-007	-3.70e-009	-2.44e-001	-3.00e-004	+4.64e-010	-1.64e-011
19	+1.49e-007	+1.87e-009	-2.44e-001	-2.94e-004	-2.96e-006	-1.64e-011
20	+1.49e-007	+7.45e-009	-2.50e-001	-1.92e-004	+3.34e-005	-1.64e-011
69	+0.00e+000	+0.00e+000	-2.42e-001	+3.33e-005	-4.11e-005	+0.00e+000
70	+0.00e+000	+0.00e+000	-2.40e-001	+3.23e-005	+4.26e-006	+0.00e+000
71	+0.00e+000	+0.00e+000	-2.42e-001	-3.33e-005	-4.11e-005	+0.00e+000
72	+0.00e+000	+0.00e+000	-2.40e-001	-3.23e-005	+4.26e-006	+0.00e+000
73	+0.00e+000	+0.00e+000	-2.37e-001	-2.37e-005	-2.18e-006	+0.00e+000
74	+0.00e+000	+0.00e+000	-2.37e-001	+2.37e-005	-2.18e-006	+0.00e+000
75	+0.00e+000	+0.00e+000	-2.43e-001	-2.76e-005	-3.92e-005	+0.00e+000
76	+0.00e+000	+0.00e+000	-2.43e-001	+2.76e-005	-3.92e-005	+0.00e+000
77	+0.00e+000	+0.00e+000	-2.39e-001	+1.78e-005	-3.18e-005	+0.00e+000
78	+0.00e+000	+0.00e+000	-2.37e-001	+1.70e-005	-1.91e-006	+0.00e+000
79	+0.00e+000	+0.00e+000	-2.39e-001	-1.78e-005	-3.18e-005	+0.00e+000
80	+0.00e+000	+0.00e+000	-2.37e-001	-1.70e-005	-1.91e-006	+0.00e+000
81	+0.00e+000	+0.00e+000	-2.39e-001	+3.28e-005	-1.44e-005	+0.00e+000
82	+0.00e+000	+0.00e+000	-2.39e-001	+3.29e-005	+1.57e-005	+0.00e+000
83	+0.00e+000	+0.00e+000	-2.39e-001	-3.28e-005	-1.44e-005	+0.00e+000
84	+0.00e+000	+0.00e+000	-2.39e-001	-3.29e-005	+1.57e-005	+0.00e+000

Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
85	+0.00e+000	+0.00e+000	-2.37e-001	-2.37e-005	+1.56e-012	+0.00e+000
86	+0.00e+000	+0.00e+000	-2.37e-001	+2.37e-005	+1.14e-011	+0.00e+000
87	+0.00e+000	+0.00e+000	-2.36e-001	+1.72e-005	-7.66e-006	+0.00e+000
88	+0.00e+000	+0.00e+000	-2.36e-001	+1.71e-005	+8.98e-006	+0.00e+000
89	+0.00e+000	+0.00e+000	-2.36e-001	-1.72e-005	-7.66e-006	+0.00e+000
90	+0.00e+000	+0.00e+000	-2.36e-001	-1.71e-005	+8.98e-006	+0.00e+000
91	+0.00e+000	+0.00e+000	-2.39e-001	+3.29e-005	-1.57e-005	+0.00e+000
92	+0.00e+000	+0.00e+000	-2.39e-001	+3.28e-005	+1.44e-005	+0.00e+000
93	+0.00e+000	+0.00e+000	-2.39e-001	-3.29e-005	-1.57e-005	+0.00e+000
94	+0.00e+000	+0.00e+000	-2.39e-001	-3.28e-005	+1.44e-005	+0.00e+000
95	+0.00e+000	+0.00e+000	-2.37e-001	-2.37e-005	+2.18e-006	+0.00e+000
96	+0.00e+000	+0.00e+000	-2.37e-001	+2.37e-005	+2.18e-006	+0.00e+000
97	+0.00e+000	+0.00e+000	-2.36e-001	+1.71e-005	-8.98e-006	+0.00e+000
98	+0.00e+000	+0.00e+000	-2.36e-001	+1.72e-005	+7.66e-006	+0.00e+000
99	+0.00e+000	+0.00e+000	-2.36e-001	-1.71e-005	-8.98e-006	+0.00e+000
100	+0.00e+000	+0.00e+000	-2.36e-001	-1.72e-005	+7.66e-006	+0.00e+000
101	+0.00e+000	+0.00e+000	-2.40e-001	+3.23e-005	-4.26e-006	+0.00e+000
102	+0.00e+000	+0.00e+000	-2.42e-001	+3.33e-005	+4.11e-005	+0.00e+000
103	+0.00e+000	+0.00e+000	-2.40e-001	-3.23e-005	-4.26e-006	+0.00e+000
104	+0.00e+000	+0.00e+000	-2.42e-001	-3.33e-005	+4.11e-005	+0.00e+000
105	+0.00e+000	+0.00e+000	-2.43e-001	-2.76e-005	+3.92e-005	+0.00e+000
106	+0.00e+000	+0.00e+000	-2.43e-001	+2.76e-005	+3.92e-005	+0.00e+000
107	+0.00e+000	+0.00e+000	-2.37e-001	+1.70e-005	+1.91e-006	+0.00e+000
108	+0.00e+000	+0.00e+000	-2.39e-001	+1.78e-005	+3.18e-005	+0.00e+000
109	+0.00e+000	+0.00e+000	-2.37e-001	-1.70e-005	+1.91e-006	+0.00e+000
110	+0.00e+000	+0.00e+000	-2.39e-001	-1.78e-005	+3.18e-005	+0.00e+000

### MASSIME DEFORMAZIONI NODALI

	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z	DLMax
Deform. nodali	+1.54e-007	-1.48e-008	-2.50e-001	+3.00e-004	-5.16e-005	-1.64e-011	+2.50e-001
Nodo	11	15	11	13	1	11	11

### COMBINAZIONE DI CARICO: 5 - DESCRIZIONE: QUASI PERMANENTE

Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
1	+0.00e+000	+0.00e+000	-2.43e-001	+5.78e-005	-5.26e-005	+0.00e+000
2	+0.00e+000	+0.00e+000	-2.35e-001	+5.46e-005	-2.74e-006	+0.00e+000
3	+0.00e+000	+0.00e+000	-2.35e-001	+5.51e-005	+7.05e-011	+0.00e+000
4	+0.00e+000	+0.00e+000	-2.35e-001	+5.46e-005	+2.74e-006	+0.00e+000
5	+0.00e+000	+0.00e+000	-2.43e-001	+5.78e-005	+5.26e-005	+0.00e+000
6	+0.00e+000	+0.00e+000	-2.43e-001	-5.78e-005	+5.26e-005	+0.00e+000
7	+0.00e+000	+0.00e+000	-2.35e-001	-5.46e-005	+2.74e-006	+0.00e+000
8	+0.00e+000	+0.00e+000	-2.35e-001	-5.51e-005	+4.57e-011	+0.00e+000
9	+0.00e+000	+0.00e+000	-2.35e-001	-5.46e-005	-2.74e-006	+0.00e+000
10	+0.00e+000	+0.00e+000	-2.43e-001	-5.78e-005	-5.26e-005	+0.00e+000
11	+1.49e-007	+8.04e-009	-2.45e-001	+1.88e-004	+3.36e-005	-1.60e-011
12	+1.49e-007	+2.62e-009	-2.38e-001	+2.86e-004	-2.91e-006	-1.60e-011
13	+1.49e-007	-2.81e-009	-2.38e-001	+2.92e-004	+5.00e-010	-1.60e-011
14	+1.49e-007	-8.23e-009	-2.38e-001	+2.86e-004	+2.91e-006	-1.60e-011
15	+1.49e-007	-1.37e-008	-2.45e-001	+1.88e-004	-3.36e-005	-1.60e-011
16	+1.44e-007	-1.37e-008	-2.45e-001	-1.88e-004	-3.36e-005	-1.60e-011
17	+1.44e-007	-8.23e-009	-2.38e-001	-2.86e-004	+2.91e-006	-1.60e-011
18	+1.44e-007	-2.81e-009	-2.38e-001	-2.92e-004	+4.49e-010	-1.60e-011
19	+1.44e-007	+2.62e-009	-2.38e-001	-2.86e-004	-2.91e-006	-1.60e-011
20	+1.44e-007	+8.04e-009	-2.45e-001	-1.88e-004	+3.36e-005	-1.60e-011
69	+0.00e+000	+0.00e+000	-2.36e-001	+3.34e-005	-4.27e-005	+0.00e+000
70	+0.00e+000	+0.00e+000	-2.34e-001	+3.24e-005	+2.30e-006	+0.00e+000
71	+0.00e+000	+0.00e+000	-2.36e-001	-3.34e-005	-4.27e-005	+0.00e+000
72	+0.00e+000	+0.00e+000	-2.34e-001	-3.24e-005	+2.30e-006	+0.00e+000
73	+0.00e+000	+0.00e+000	-2.31e-001	-2.36e-005	-3.33e-006	+0.00e+000
74	+0.00e+000	+0.00e+000	-2.31e-001	+2.36e-005	-3.33e-006	+0.00e+000
75	+0.00e+000	+0.00e+000	-2.38e-001	-2.73e-005	-4.10e-005	+0.00e+000
76	+0.00e+000	+0.00e+000	-2.38e-001	+2.73e-005	-4.10e-005	+0.00e+000
77	+0.00e+000	+0.00e+000	-2.33e-001	+1.79e-005	-3.36e-005	+0.00e+000
78	+0.00e+000	+0.00e+000	-2.31e-001	+1.71e-005	-3.74e-006	+0.00e+000



Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
79	+0.00e+000	+0.00e+000	-2.33e-001	-1.79e-005	-3.36e-005	+0.00e+000
80	+0.00e+000	+0.00e+000	-2.31e-001	-1.71e-005	-3.74e-006	+0.00e+000
81	+0.00e+000	+0.00e+000	-2.33e-001	-3.30e-005	-1.48e-005	+0.00e+000
82	+0.00e+000	+0.00e+000	-2.33e-001	+3.31e-005	+1.50e-005	+0.00e+000
83	+0.00e+000	+0.00e+000	-2.33e-001	-3.30e-005	-1.48e-005	+0.00e+000
84	+0.00e+000	+0.00e+000	-2.33e-001	-3.31e-005	+1.50e-005	+0.00e+000
85	+0.00e+000	+0.00e+000	-2.31e-001	-2.37e-005	+1.66e-012	+0.00e+000
86	+0.00e+000	+0.00e+000	-2.31e-001	+2.37e-005	+1.13e-011	+0.00e+000
87	+0.00e+000	+0.00e+000	-2.30e-001	+1.72e-005	-8.28e-006	+0.00e+000
88	+0.00e+000	+0.00e+000	-2.30e-001	+1.72e-005	+8.46e-006	+0.00e+000
89	+0.00e+000	+0.00e+000	-2.30e-001	-1.72e-005	-8.28e-006	+0.00e+000
90	+0.00e+000	+0.00e+000	-2.30e-001	-1.72e-005	+8.46e-006	+0.00e+000
91	+0.00e+000	+0.00e+000	-2.33e-001	+3.31e-005	-1.50e-005	+0.00e+000
92	+0.00e+000	+0.00e+000	-2.33e-001	+3.30e-005	+1.48e-005	+0.00e+000
93	+0.00e+000	+0.00e+000	-2.33e-001	-3.31e-005	-1.50e-005	+0.00e+000
94	+0.00e+000	+0.00e+000	-2.33e-001	-3.30e-005	+1.48e-005	+0.00e+000
95	+0.00e+000	+0.00e+000	-2.31e-001	-2.36e-005	+3.33e-006	+0.00e+000
96	+0.00e+000	+0.00e+000	-2.31e-001	+2.36e-005	+3.33e-006	+0.00e+000
97	+0.00e+000	+0.00e+000	-2.30e-001	+1.72e-005	-8.46e-006	+0.00e+000
98	+0.00e+000	+0.00e+000	-2.30e-001	+1.72e-005	+8.28e-006	+0.00e+000
99	+0.00e+000	+0.00e+000	-2.30e-001	-1.72e-005	-8.46e-006	+0.00e+000
100	+0.00e+000	+0.00e+000	-2.30e-001	-1.72e-005	+8.28e-006	+0.00e+000
101	+0.00e+000	+0.00e+000	-2.34e-001	+3.24e-005	-2.30e-006	+0.00e+000
102	+0.00e+000	+0.00e+000	-2.36e-001	+3.34e-005	+4.27e-005	+0.00e+000
103	+0.00e+000	+0.00e+000	-2.34e-001	-3.24e-005	-2.30e-006	+0.00e+000
104	+0.00e+000	+0.00e+000	-2.36e-001	-3.34e-005	+4.27e-005	+0.00e+000
105	+0.00e+000	+0.00e+000	-2.38e-001	-2.73e-005	+4.10e-005	+0.00e+000
106	+0.00e+000	+0.00e+000	-2.38e-001	+2.73e-005	+4.10e-005	+0.00e+000
107	+0.00e+000	+0.00e+000	-2.31e-001	+1.71e-005	+3.74e-006	+0.00e+000
108	+0.00e+000	+0.00e+000	-2.33e-001	+1.79e-005	+3.36e-005	+0.00e+000
109	+0.00e+000	+0.00e+000	-2.31e-001	-1.71e-005	+3.74e-006	+0.00e+000
110	+0.00e+000	+0.00e+000	-2.33e-001	-1.79e-005	+3.36e-005	+0.00e+000

### MASSIME DEFORMAZIONI NODALI

	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z	DLMax
Deform. nodali	+1.49e-007	-1.37e-008	-2.45e-001	+2.92e-004	-5.26e-005	-1.60e-011	+2.45e-001
Nodo	11	15	11	13	1	11	11

### COMBINAZIONE DI CARICO: 7 - DESCRIZIONE: STATICA GEO

Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
1	+0.00e+000	+0.00e+000	-2.72e-001	+6.25e-005	-4.82e-005	+0.00e+000
2	+0.00e+000	+0.00e+000	-2.67e-001	+5.87e-005	+2.53e-006	+0.00e+000
3	+0.00e+000	+0.00e+000	-2.68e-001	+5.91e-005	+8.45e-011	+0.00e+000
4	+0.00e+000	+0.00e+000	-2.67e-001	+5.87e-005	-2.53e-006	+0.00e+000
5	+0.00e+000	+0.00e+000	-2.72e-001	+6.25e-005	+4.82e-005	+0.00e+000
6	+0.00e+000	+0.00e+000	-2.72e-001	-6.25e-005	+4.82e-005	+0.00e+000
7	+0.00e+000	+0.00e+000	-2.67e-001	-5.87e-005	-2.53e-006	+0.00e+000
8	+0.00e+000	+0.00e+000	-2.68e-001	-5.91e-005	+5.71e-011	+0.00e+000
9	+0.00e+000	+0.00e+000	-2.67e-001	-5.87e-005	+2.53e-006	+0.00e+000
10	+0.00e+000	+0.00e+000	-2.72e-001	-6.25e-005	-4.82e-005	+0.00e+000
11	+1.82e-007	+4.74e-009	-2.74e-001	+2.19e-004	+3.31e-005	-1.82e-011
12	+1.82e-007	-1.44e-009	-2.71e-001	+3.40e-004	-3.21e-006	-1.82e-011
13	+1.82e-007	-7.61e-009	-2.71e-001	+3.48e-004	+6.10e-010	-1.82e-011
14	+1.82e-007	-1.38e-008	-2.71e-001	+3.40e-004	+3.21e-006	-1.82e-011
15	+1.82e-007	-2.00e-008	-2.74e-001	+2.19e-004	-3.31e-005	-1.82e-011
16	+1.77e-007	-2.00e-008	-2.74e-001	-2.19e-004	-3.31e-005	-1.82e-011
17	+1.77e-007	-1.38e-008	-2.71e-001	-3.40e-004	+3.21e-006	-1.82e-011
18	+1.77e-007	-7.61e-009	-2.71e-001	-3.48e-004	+5.49e-010	-1.82e-011
19	+1.77e-007	-1.44e-009	-2.71e-001	-3.40e-004	-3.21e-006	-1.82e-011
20	+1.77e-007	+4.74e-009	-2.74e-001	-2.19e-004	+3.31e-005	-1.82e-011
69	+0.00e+000	+0.00e+000	-2.66e-001	+3.41e-005	-3.50e-005	+0.00e+000
70	+0.00e+000	+0.00e+000	-2.65e-001	+3.32e-005	+1.29e-005	+0.00e+000
71	+0.00e+000	+0.00e+000	-2.66e-001	-3.41e-005	-3.50e-005	+0.00e+000
72	+0.00e+000	+0.00e+000	-2.65e-001	-3.32e-005	+1.29e-005	+0.00e+000

Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
73	+0.00e+000	+0.00e+000	-2.63e-001	-2.49e-005	+2.72e-006	+0.00e+000
74	+0.00e+000	+0.00e+000	-2.63e-001	+2.49e-005	+2.72e-006	+0.00e+000
75	+0.00e+000	+0.00e+000	-2.66e-001	-2.94e-005	-3.26e-005	+0.00e+000
76	+0.00e+000	+0.00e+000	-2.66e-001	+2.94e-005	-3.26e-005	+0.00e+000
77	+0.00e+000	+0.00e+000	-2.63e-001	+1.84e-005	-2.46e-005	+0.00e+000
78	+0.00e+000	+0.00e+000	-2.62e-001	+1.76e-005	+5.94e-006	+0.00e+000
79	+0.00e+000	+0.00e+000	-2.63e-001	-1.84e-005	-2.46e-005	+0.00e+000
80	+0.00e+000	+0.00e+000	-2.62e-001	-1.76e-005	+5.94e-006	+0.00e+000
81	+0.00e+000	+0.00e+000	-2.65e-001	+3.34e-005	-1.26e-005	+0.00e+000
82	+0.00e+000	+0.00e+000	-2.65e-001	+3.36e-005	+1.89e-005	+0.00e+000
83	+0.00e+000	+0.00e+000	-2.65e-001	-3.34e-005	-1.26e-005	+0.00e+000
84	+0.00e+000	+0.00e+000	-2.65e-001	-3.36e-005	+1.89e-005	+0.00e+000
85	+0.00e+000	+0.00e+000	-2.63e-001	-2.49e-005	+2.23e-012	+0.00e+000
86	+0.00e+000	+0.00e+000	-2.63e-001	+2.49e-005	+1.29e-011	+0.00e+000
87	+0.00e+000	+0.00e+000	-2.62e-001	+1.76e-005	-5.12e-006	+0.00e+000
88	+0.00e+000	+0.00e+000	-2.62e-001	+1.76e-005	+1.14e-005	+0.00e+000
89	+0.00e+000	+0.00e+000	-2.62e-001	-1.76e-005	-5.12e-006	+0.00e+000
90	+0.00e+000	+0.00e+000	-2.62e-001	-1.76e-005	+1.14e-005	+0.00e+000
91	+0.00e+000	+0.00e+000	-2.65e-001	+3.36e-005	-1.89e-005	+0.00e+000
92	+0.00e+000	+0.00e+000	-2.65e-001	+3.34e-005	+1.26e-005	+0.00e+000
93	+0.00e+000	+0.00e+000	-2.65e-001	-3.36e-005	-1.89e-005	+0.00e+000
94	+0.00e+000	+0.00e+000	-2.65e-001	-3.34e-005	+1.26e-005	+0.00e+000
95	+0.00e+000	+0.00e+000	-2.63e-001	-2.49e-005	-2.72e-006	+0.00e+000
96	+0.00e+000	+0.00e+000	-2.63e-001	+2.49e-005	-2.72e-006	+0.00e+000
97	+0.00e+000	+0.00e+000	-2.62e-001	+1.76e-005	-1.14e-005	+0.00e+000
98	+0.00e+000	+0.00e+000	-2.62e-001	+1.76e-005	+5.12e-006	+0.00e+000
99	+0.00e+000	+0.00e+000	-2.62e-001	-1.76e-005	-1.14e-005	+0.00e+000
100	+0.00e+000	+0.00e+000	-2.62e-001	-1.76e-005	+5.12e-006	+0.00e+000
101	+0.00e+000	+0.00e+000	-2.65e-001	+3.32e-005	-1.29e-005	+0.00e+000
102	+0.00e+000	+0.00e+000	-2.66e-001	+3.41e-005	+3.50e-005	+0.00e+000
103	+0.00e+000	+0.00e+000	-2.65e-001	-3.32e-005	-1.29e-005	+0.00e+000
104	+0.00e+000	+0.00e+000	-2.66e-001	-3.41e-005	+3.50e-005	+0.00e+000
105	+0.00e+000	+0.00e+000	-2.66e-001	-2.94e-005	+3.26e-005	+0.00e+000
106	+0.00e+000	+0.00e+000	-2.66e-001	+2.94e-005	+3.26e-005	+0.00e+000
107	+0.00e+000	+0.00e+000	-2.62e-001	+1.76e-005	-5.93e-006	+0.00e+000
108	+0.00e+000	+0.00e+000	-2.63e-001	+1.84e-005	+2.46e-005	+0.00e+000
109	+0.00e+000	+0.00e+000	-2.62e-001	-1.76e-005	-5.93e-006	+0.00e+000
110	+0.00e+000	+0.00e+000	-2.63e-001	-1.84e-005	+2.46e-005	+0.00e+000

## MASSIME DEFORMAZIONI NODALI

	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z	DLMax
Deform. nodali	+1.82e-007	-2.00e-008	-2.74e-001	+3.48e-004	-4.82e-005	-1.82e-011	+2.74e-001
Nodo	11	15	11	13	1	11	11

FORZE/MOMENTI

FORZE MOMENTI PER GRUPPI TRAVE

GRUPPO NUMERO: 1 - DESCRIZIONE: PILASTRI

Elem./C.c.		Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 1	1 - C.c:	3.757e+03	-2.237e+03	1.188e+02	-1.188e+02	-2.426e+02	2.426e+02	2.175e-03	-2.175e-03	1.571e+04	7.210e+04	5.599e+04	-1.298e+04
El: 2	1 - C.c:	5.281e+03	-3.304e+03	1.336e+02	-1.336e+02	-3.717e+02	3.717e+02	3.108e-03	-3.108e-03	2.579e+04	1.088e+05	6.764e+04	-1.926e+04
El: 3	1 - C.c:	4.019e+03	-2.498e+03	1.122e+02	-1.122e+02	-2.794e+02	2.794e+02	2.300e-03	-2.300e-03	1.906e+04	8.209e+04	5.468e+04	-1.407e+04
El: 4	1 - C.c:	3.811e+03	-2.291e+03	1.134e+02	-1.134e+02	-2.503e+02	2.503e+02	2.235e-03	-2.235e-03	1.651e+04	7.412e+04	5.453e+04	-1.348e+04
El: 5	1 - C.c:	3.757e+03	-2.237e+03	1.188e+02	-1.188e+02	-2.426e+02	2.426e+02	2.175e-03	-2.175e-03	1.571e+04	7.210e+04	5.599e+04	-1.298e+04
El: 7	1 - C.c:	4.104e+03	-2.583e+03	9.388e+01	-9.388e+01	-2.921e+02	2.921e+02	2.477e-03	-2.477e-03	2.058e+04	8.517e+04	4.951e+04	-1.552e+04
El: 1	2 - C.c:	5.606e+03	-4.085e+03	3.520e+01	-3.520e+01	-4.318e+02	4.318e+02	2.175e-03	-2.175e-03	3.908e+04	1.172e+05	6.304e+03	6.438e+03
El: 2	2 - C.c:	8.043e+03	-6.067e+03	1.555e+01	-1.555e+01	-6.684e+02	6.684e+02	3.108e-03	-3.108e-03	6.225e+04	1.797e+05	5.254e+02	5.105e+03
El: 3	2 - C.c:	6.112e+03	-4.591e+03	2.014e+01	-2.014e+01	-5.019e+02	5.019e+02	2.300e-03	-2.300e-03	4.630e+04	1.354e+05	2.447e+03	4.844e+03
El: 4	2 - C.c:	5.706e+03	-4.185e+03	2.933e+01	-2.933e+01	-4.465e+02	4.465e+02	2.235e-03	-2.235e-03	4.076e+04	1.209e+05	4.826e+03	5.792e+03
El: 5	2 - C.c:	5.606e+03	-4.085e+03	3.520e+01	-3.520e+01	-4.318e+02	4.318e+02	2.175e-03	-2.175e-03	3.908e+04	1.172e+05	6.304e+03	6.438e+03
El: 7	2 - C.c:	6.259e+03	-4.738e+03	4.201e+00	-4.201e+00	-5.258e+02	5.258e+02	2.477e-03	-2.477e-03	4.939e+04	1.410e+05	-1.536e+03	3.057e+03
El: 1	3 - C.c:	5.550e+03	-4.030e+03	1.718e-03	-1.718e-03	-4.425e+02	4.425e+02	2.175e-03	-2.175e-03	4.025e+04	1.199e+05	4.622e-01	1.596e-01
El: 2	3 - C.c:	7.970e+03	-5.994e+03	2.730e-03	-2.730e-03	-6.856e+02	6.856e+02	3.108e-03	-3.108e-03	6.415e+04	1.841e+05	7.308e-01	2.574e-01
El: 3	3 - C.c:	6.055e+03	-4.535e+03	2.057e-03	-2.057e-03	-5.147e+02	5.147e+02	2.300e-03	-2.300e-03	4.770e+04	1.386e+05	5.504e-01	1.944e-01
El: 4	3 - C.c:	5.650e+03	-4.130e+03	1.781e-03	-1.781e-03	-4.577e+02	4.577e+02	2.235e-03	-2.235e-03	4.198e+04	1.237e+05	4.790e-01	1.657e-01
El: 5	3 - C.c:	5.550e+03	-4.030e+03	1.718e-03	-1.718e-03	-4.425e+02	4.425e+02	2.175e-03	-2.175e-03	4.025e+04	1.199e+05	4.622e-01	1.596e-01
El: 7	3 - C.c:	6.203e+03	-4.683e+03	2.140e-03	-2.140e-03	-5.395e+02	5.395e+02	2.477e-03	-2.477e-03	5.091e+04	1.444e+05	5.732e-01	2.014e-01
El: 1	4 - C.c:	5.606e+03	-4.085e+03	-3.520e+01	3.520e+01	-4.318e+02	4.318e+02	2.175e-03	-2.175e-03	3.908e+04	1.172e+05	-6.304e+03	-6.438e+03
El: 2	4 - C.c:	8.043e+03	-6.067e+03	-1.555e+01	1.555e+01	-6.684e+02	6.684e+02	3.108e-03	-3.108e-03	6.225e+04	1.797e+05	-5.248e+02	-5.105e+03
El: 3	4 - C.c:	6.112e+03	-4.591e+03	-2.014e+01	2.014e+01	-5.019e+02	5.019e+02	2.300e-03	-2.300e-03	4.630e+04	1.354e+05	-2.446e+03	-4.843e+03
El: 4	4 - C.c:	5.706e+03	-4.185e+03	-2.933e+01	2.933e+01	-4.465e+02	4.465e+02	2.235e-03	-2.235e-03	4.076e+04	1.209e+05	-4.826e+03	-5.792e+03
El: 5	4 - C.c:	5.606e+03	-4.085e+03	-3.520e+01	3.520e+01	-4.318e+02	4.318e+02	2.175e-03	-2.175e-03	3.908e+04	1.172e+05	-6.304e+03	-6.438e+03
El: 7	4 - C.c:	6.259e+03	-4.738e+03	-4.198e+00	4.198e+00	-5.258e+02	5.258e+02	2.477e-03	-2.477e-03	4.939e+04	1.410e+05	1.537e+03	-3.056e+03
El: 1	5 - C.c:	3.757e+03	-2.237e+03	-1.188e+02	1.188e+02	-2.426e+02	2.426e+02	2.175e-03	-2.175e-03	1.571e+04	7.210e+04	-5.599e+04	1.298e+04
El: 2	5 - C.c:	5.281e+03	-3.304e+03	-1.336e+02	1.336e+02	-3.717e+02	3.717e+02	3.108e-03	-3.108e-03	2.579e+04	1.088e+05	-6.764e+04	1.926e+04
El: 3	5 - C.c:	4.019e+03	-2.498e+03	-1.122e+02	1.122e+02	-2.794e+02	2.794e+02	2.300e-03	-2.300e-03	1.906e+04	8.209e+04	-5.468e+04	1.407e+04
El: 4	5 - C.c:	3.811e+03	-2.291e+03	-1.134e+02	1.134e+02	-2.503e+02	2.503e+02	2.235e-03	-2.235e-03	1.651e+04	7.412e+04	-5.453e+04	1.348e+04
El: 5	5 - C.c:	3.757e+03	-2.237e+03	-1.188e+02	1.188e+02	-2.426e+02	2.426e+02	2.175e-03	-2.175e-03	1.571e+04	7.210e+04	-5.599e+04	1.298e+04
El: 7	5 - C.c:	4.104e+03	-2.583e+03	-9.387e+01	9.387e+01	-2.921e+02	2.921e+02	2.477e-03	-2.477e-03	2.058e+04	8.517e+04	-4.951e+04	1.552e+04
El: 1	6 - C.c:	3.757e+03	-2.237e+03	-1.188e+02	1.188e+02	2.426e+02	-2.426e+02	2.175e-03	-2.175e-03	-1.571e+04	-7.210e+04	-5.599e+04	1.298e+04
El: 2	6 - C.c:	5.281e+03	-3.304e+03	-1.336e+02	1.336e+02	3.717e+02	-3.717e+02	3.108e-03	-3.108e-03	-2.579e+04	-1.088e+05	-6.764e+04	1.926e+04
El: 3	6 - C.c:	4.019e+03	-2.498e+03	-1.122e+02	1.122e+02	2.794e+02	-2.794e+02	2.300e-03	-2.300e-03	-1.906e+04	-8.209e+04	-5.468e+04	1.407e+04
El: 4	6 - C.c:	3.811e+03	-2.291e+03	-1.134e+02	1.134e+02	2.503e+02	-2.503e+02	2.235e-03	-2.235e-03	-1.651e+04	-7.412e+04	-5.453e+04	1.348e+04
El: 5	6 - C.c:	3.757e+03	-2.237e+03	-1.188e+02	1.188e+02	2.426e+02	-2.426e+02	2.175e-03	-2.175e-03	-1.571e+04	-7.210e+04	-5.599e+04	1.298e+04
El: 7	6 - C.c:	4.104e+03	-2.583e+03	-9.387e+01	9.387e+01	2.921e+02	-2.921e+02	2.477e-03	-2.477e-03	-2.058e+04	-8.517e+04	-4.951e+04	1.552e+04
El: 1	7 - C.c:	5.606e+03	-4.085e+03	-3.520e+01	3.520e+01	4.318e+02	-4.318e+02	2.175e-03	-2.175e-03	-3.908e+04	-1.172e+05	-6.304e+03	-6.438e+03
El: 2	7 - C.c:	8.043e+03	-6.067e+03	-1.555e+01	1.555e+01	6.684e+02	-6.684e+02	3.108e-03	-3.108e-03	-6.225e+04	-1.797e+05	-5.246e+02	-5.105e+03
El: 3	7 - C.c:	6.112e+03	-4.591e+03	-2.014e+01	2.014e+01	5.019e+02	-5.019e+02	2.300e-03	-2.300e-03	-4.630e+04	-1.354e+05	-2.446e+03	-4.843e+03
El: 7	7 - C.c:	5.706e+03	-4.185e+03	-2.933e+01	2.933e+01	4.465e+02	-4.465e+02	2.235e-03	-2.235e-03	-4.076e+04	-1.209e+05	-4.826e+03	-5.792e+03

Elem./C.c.		Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
4													
El:	7 - C.c:	5.606e+03	-4.085e+03	-3.520e+01	3.520e+01	4.318e+02	-4.318e+02	2.175e-03	-2.175e-03	-3.908e+04	-1.172e+05	-6.304e+03	-6.438e+03
5													
El:	7 - C.c:	6.259e+03	-4.738e+03	-4.197e+00	4.197e+00	5.258e+02	-5.258e+02	2.477e-03	-2.477e-03	-4.939e+04	-1.410e+05	1.537e+03	-3.056e+03
7													
El:	8 - C.c:	5.550e+03	-4.030e+03	2.161e-03	-2.161e-03	4.425e+02	-4.425e+02	2.175e-03	-2.175e-03	-4.025e+04	-1.199e+05	5.312e-01	2.510e-01
1													
El:	8 - C.c:	7.970e+03	-5.994e+03	3.388e-03	-3.388e-03	6.856e+02	-6.856e+02	3.108e-03	-3.108e-03	-6.415e+04	-1.841e+05	8.320e-01	3.944e-01
2													
El:	8 - C.c:	6.055e+03	-4.535e+03	2.549e-03	-2.549e-03	5.147e+02	-5.147e+02	2.300e-03	-2.300e-03	-4.770e+04	-1.386e+05	6.255e-01	2.973e-01
3													
El:	8 - C.c:	5.650e+03	-4.130e+03	2.237e-03	-2.237e-03	4.577e+02	-4.577e+02	2.235e-03	-2.235e-03	-4.198e+04	-1.237e+05	5.500e-01	2.598e-01
4													
El:	8 - C.c:	5.550e+03	-4.030e+03	2.161e-03	-2.161e-03	4.425e+02	-4.425e+02	2.175e-03	-2.175e-03	-4.025e+04	-1.199e+05	5.312e-01	2.510e-01
5													
El:	8 - C.c:	6.203e+03	-4.683e+03	2.660e-03	-2.660e-03	5.395e+02	-5.395e+02	2.477e-03	-2.477e-03	-5.091e+04	-1.444e+05	6.538e-01	3.092e-01
7													
El:	9 - C.c:	5.606e+03	-4.085e+03	3.520e+01	-3.520e+01	4.318e+02	-4.318e+02	2.175e-03	-2.175e-03	-3.908e+04	-1.172e+05	6.304e+03	6.438e+03
1													
El:	9 - C.c:	8.043e+03	-6.067e+03	1.556e+01	-1.556e+01	6.684e+02	-6.684e+02	3.108e-03	-3.108e-03	-6.225e+04	-1.797e+05	5.255e+02	5.106e+03
2													
El:	9 - C.c:	6.112e+03	-4.591e+03	2.014e+01	-2.014e+01	5.019e+02	-5.019e+02	2.300e-03	-2.300e-03	-4.630e+04	-1.354e+05	2.447e+03	4.844e+03
3													
El:	9 - C.c:	5.706e+03	-4.185e+03	2.933e+01	-2.933e+01	4.465e+02	-4.465e+02	2.235e-03	-2.235e-03	-4.076e+04	-1.209e+05	4.826e+03	5.792e+03
4													
El:	9 - C.c:	5.606e+03	-4.085e+03	3.520e+01	-3.520e+01	4.318e+02	-4.318e+02	2.175e-03	-2.175e-03	-3.908e+04	-1.172e+05	6.304e+03	6.438e+03
5													
El:	9 - C.c:	6.259e+03	-4.738e+03	4.201e+00	-4.201e+00	5.258e+02	-5.258e+02	2.477e-03	-2.477e-03	-4.939e+04	-1.410e+05	-1.536e+03	3.057e+03
7													
El:	10 - C.c:	3.757e+03	-2.237e+03	1.188e+02	-1.188e+02	2.426e+02	-2.426e+02	2.175e-03	-2.175e-03	-1.571e+04	-7.210e+04	5.599e+04	-1.298e+04
1													
El:	10 - C.c:	5.281e+03	-3.304e+03	1.336e+02	-1.336e+02	3.717e+02	-3.717e+02	3.108e-03	-3.108e-03	-2.579e+04	-1.088e+05	6.764e+04	-1.926e+04
2													
El:	10 - C.c:	4.019e+03	-2.498e+03	1.122e+02	-1.122e+02	2.794e+02	-2.794e+02	2.300e-03	-2.300e-03	-1.906e+04	-8.209e+04	5.468e+04	-1.407e+04
3													
El:	10 - C.c:	3.811e+03	-2.291e+03	1.134e+02	-1.134e+02	2.503e+02	-2.503e+02	2.235e-03	-2.235e-03	-1.651e+04	-7.412e+04	5.453e+04	-1.348e+04
4													
El:	10 - C.c:	3.757e+03	-2.237e+03	1.188e+02	-1.188e+02	2.426e+02	-2.426e+02	2.175e-03	-2.175e-03	-1.571e+04	-7.210e+04	5.599e+04	-1.298e+04
5													
El:	10 - C.c:	4.104e+03	-2.583e+03	9.388e+01	-9.388e+01	2.921e+02	-2.921e+02	2.477e-03	-2.477e-03	-2.058e+04	-8.517e+04	4.951e+04	-1.552e+04
7													

**GRUPPO NUMERO: 2 - DESCRIZIONE: TRAVI**

Elem./C.c.		Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El:	1 - C.c:	0.000e+00	0.000e+00	1.879e+03	1.879e+03	-1.504e-18	1.504e-18	-4.111e-03	4.111e-03	2.323e-16	2.323e-16	6.541e+04	-6.541e+04
1													
El:	1 - C.c:	0.000e+00	0.000e+00	2.825e+03	2.825e+03	-2.217e-18	2.217e-18	-6.051e-03	6.051e-03	3.421e-16	3.421e-16	9.866e+04	-9.866e+04
2													
El:	1 - C.c:	0.000e+00	0.000e+00	2.134e+03	2.134e+03	-1.681e-18	1.681e-18	-4.543e-03	4.543e-03	2.592e-16	2.592e-16	7.446e+04	-7.446e+04
3													
El:	1 - C.c:	0.000e+00	0.000e+00	1.930e+03	1.930e+03	-1.538e-18	1.538e-18	-4.219e-03	4.219e-03	2.376e-16	2.376e-16	6.724e+04	-6.724e+04
4													
El:	1 - C.c:	0.000e+00	0.000e+00	1.879e+03	1.879e+03	-1.504e-18	1.504e-18	-4.111e-03	4.111e-03	2.323e-16	2.323e-16	6.541e+04	-6.541e+04
5													
El:	1 - C.c:	0.000e+00	0.000e+00	2.210e+03	2.210e+03	-1.729e-18	1.729e-18	-4.761e-03	4.761e-03	2.670e-16	2.670e-16	7.725e+04	-7.725e+04
7													
El:	2 - C.c:	0.000e+00	0.000e+00	3.218e+03	3.218e+03	-8.584e-11	8.584e-11	-5.115e-03	5.115e-03	9.227e-02	-9.227e-02	1.175e+05	-1.175e+05
1													
El:	2 - C.c:	0.000e+00	0.000e+00	4.948e+03	4.948e+03	-9.784e-11	9.784e-11	-7.700e-03	7.700e-03	1.404e-01	-1.404e-01	1.813e+05	-1.813e+05
2													
El:	2 - C.c:	0.000e+00	0.000e+00	3.728e+03	3.728e+03	-7.841e-11	7.841e-11	-5.778e-03	5.778e-03	1.060e-01	-1.060e-01	1.365e+05	-1.365e+05
3													
El:	2 - C.c:	0.000e+00	0.000e+00	3.320e+03	3.320e+03	-8.338e-11	8.338e-11	-5.268e-03	5.268e-03	9.494e-02	-9.494e-02	1.213e+05	-1.213e+05
4													
El:	2 - C.c:	0.000e+00	0.000e+00	3.218e+03	3.218e+03	-8.584e-11	8.584e-11	-5.115e-03	5.115e-03	9.227e-02	-9.227e-02	1.175e+05	-1.175e+05
5													
El:	2 - C.c:	0.000e+00	0.000e+00	3.881e+03	3.881e+03	-7.227e-11	7.227e-11	-6.061e-03	6.061e-03	1.098e-01	-1.098e-01	1.423e+05	-1.423e+05
7													
El:	3 - C.c:	0.000e+00	0.000e+00	3.218e+03	3.218e+03	-2.430e-10	2.430e-10	-5.200e-03	5.200e-03	1.886e-01	-1.886e-01	1.165e+05	-1.165e+05
1													
El:	3 - C.c:	0.000e+00	0.000e+00	4.948e+03	4.948e+03	-2.965e-10	2.965e-10	-7.829e-03	7.829e-03	2.872e-01	-2.872e-01	1.798e+05	-1.798e+05
2													
El:	3 - C.c:	0.000e+00	0.000e+00	3.728e+03	3.728e+03	-2.329e-10	2.329e-10	-5.875e-03	5.875e-03	2.169e-01	-2.169e-01	1.353e+05	-1.353e+05
3													
El:	3 - C.c:	0.000e+00	0.000e+00	3.320e+03	3.320e+03	-2.394e-10	2.394e-10	-5.357e-03	5.357e-03	1.941e-01	-1.941e-01	1.203e+05	-1.203e+05
4													
El:	3 - C.c:	0.000e+00	0.000e+00	3.218e+03	3.218e+03	-2.430e-10	2.430e-10	-5.200e-03	5.200e-03	1.886e-01	-1.886e-01	1.165e+05	-1.165e+05
5													
El:	3 - C.c:	0.000e+00	0.000e+00	3.881e+03	3.881e+03	-2.235e-10	2.235e-10	-6.163e-03	6.163e-03	2.247e-01	-2.247e-01	1.411e+05	-1.411e+05
7													
El:	4 - C.c:	0.000e+00	0.000e+00	3.217e+03	3.218e+03	-8.274e-10	8.274e-10	-6.040e-03	6.040e-03	2.768e-01	-2.768e-01	1.175e+05	-1.175e+05
1													
El:	4 - C.c:	0.000e+00	0.000e+00	4.948e+03	4.948e+03	-1.107e-09	1.107e-09	-9.021e-03	9.021e-03	4.211e-01	-4.211e-01	1.813e+05	-1.813e+05
2													
El:	4 - C.c:	0.000e+00	0.000e+00	3.727e+03	3.728e+03	-8.447e-10	8.447e-10	-6.764e-03	6.764e-03	3.181e-01	-3.181e-01	1.365e+05	-1.365e+05

Elem./C.c.		Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
3													
El: 4	4 - C.c:	0.000e+00	0.000e+00	3.319e+03	3.320e+03	-8.330e-10	8.330e-10	-6.216e-03	6.216e-03	2.848e-01	-2.848e-01	1.213e+05	-1.213e+05
5													
El: 4	4 - C.c:	0.000e+00	0.000e+00	3.217e+03	3.218e+03	-8.274e-10	8.274e-10	-6.040e-03	6.040e-03	2.768e-01	-2.768e-01	1.175e+05	-1.175e+05
7													
El: 4	4 - C.c:	0.000e+00	0.000e+00	3.880e+03	3.881e+03	-8.585e-10	8.585e-10	-7.105e-03	7.105e-03	3.295e-01	-3.295e-01	1.423e+05	-1.423e+05
1													
El: 5	5 - C.c:	0.000e+00	0.000e+00	1.879e+03	1.879e+03	-1.388e-09	1.388e-09	-3.229e-03	3.229e-03	2.425e-01	-2.425e-01	6.541e+04	-6.541e+04
2													
El: 5	5 - C.c:	0.000e+00	0.000e+00	2.825e+03	2.825e+03	-1.876e-09	1.876e-09	-4.820e-03	4.820e-03	3.620e-01	-3.620e-01	9.866e+04	-9.866e+04
3													
El: 5	5 - C.c:	0.000e+00	0.000e+00	2.134e+03	2.134e+03	-1.428e-09	1.428e-09	-3.617e-03	3.617e-03	2.739e-01	-2.739e-01	7.446e+04	-7.446e+04
4													
El: 5	5 - C.c:	0.000e+00	0.000e+00	1.930e+03	1.930e+03	-1.400e-09	1.400e-09	-3.321e-03	3.321e-03	2.486e-01	-2.486e-01	6.724e+04	-6.724e+04
5													
El: 5	5 - C.c:	0.000e+00	0.000e+00	1.879e+03	1.879e+03	-1.388e-09	1.388e-09	-3.229e-03	3.229e-03	2.425e-01	-2.425e-01	6.541e+04	-6.541e+04
7													
El: 5	5 - C.c:	0.000e+00	0.000e+00	2.210e+03	2.210e+03	-1.457e-09	1.457e-09	-3.793e-03	3.793e-03	2.827e-01	-2.827e-01	7.725e+04	-7.725e+04
1													
El: 6	6 - C.c:	-4.141e-21	4.141e-21	3.580e+02	4.580e+02	6.791e-07	-6.791e-07	4.897e+03	-4.897e+03	-1.381e-04	-9.281e-05	1.298e+04	-3.000e+04
2													
El: 6	6 - C.c:	-4.413e-21	4.413e-21	4.794e+02	5.813e+02	6.914e-07	-6.914e-07	7.719e+03	-7.719e+03	-1.471e-04	-8.792e-05	1.926e+04	-3.658e+04
3													
El: 6	6 - C.c:	-3.495e-21	3.495e-21	3.645e+02	4.515e+02	5.898e-07	-5.898e-07	5.808e+03	-5.808e+03	-1.233e-04	-7.724e-05	1.407e+04	-2.885e+04
4													
El: 6	6 - C.c:	-4.011e-21	4.011e-21	3.609e+02	4.551e+02	6.397e-07	-6.397e-07	5.074e+03	-5.074e+03	-1.313e-04	-8.618e-05	1.348e+04	-2.951e+04
5													
El: 6	6 - C.c:	-4.141e-21	4.141e-21	3.580e+02	4.580e+02	6.791e-07	-6.791e-07	4.897e+03	-4.897e+03	-1.381e-04	-9.281e-05	1.298e+04	-3.000e+04
7													
El: 6	6 - C.c:	-3.299e-21	3.299e-21	3.729e+02	4.431e+02	4.768e-07	-4.768e-07	6.060e+03	-6.060e+03	-1.036e-04	-5.850e-05	1.552e+04	-2.747e+04
1													
El: 7	7 - C.c:	-4.141e-21	4.141e-21	4.098e+02	4.062e+02	-2.468e-08	2.468e-08	3.134e+02	-3.134e+02	6.002e-06	2.390e-06	2.356e+04	-2.294e+04
2													
El: 7	7 - C.c:	-4.413e-21	4.413e-21	5.377e+02	5.231e+02	-9.896e-08	9.896e-08	4.975e+02	-4.975e+02	1.938e-05	1.427e-05	3.148e+04	-2.900e+04
3													
El: 7	7 - C.c:	-3.495e-21	3.495e-21	4.124e+02	4.036e+02	-5.969e-08	5.969e-08	3.748e+02	-3.748e+02	1.208e-05	8.214e-06	2.401e+04	-2.251e+04
4													
El: 7	7 - C.c:	-4.011e-21	4.011e-21	4.107e+02	4.053e+02	-3.707e-08	3.707e-08	3.249e+02	-3.249e+02	8.138e-06	4.465e-06	2.372e+04	-2.279e+04
5													
El: 7	7 - C.c:	-4.141e-21	4.141e-21	4.098e+02	4.062e+02	-2.468e-08	2.468e-08	3.134e+02	-3.134e+02	6.002e-06	2.390e-06	2.356e+04	-2.294e+04
7													
El: 7	7 - C.c:	-3.299e-21	3.299e-21	4.148e+02	4.012e+02	-9.173e-08	9.173e-08	3.902e+02	-3.902e+02	1.759e-05	1.360e-05	2.441e+04	-2.211e+04
1													
El: 8	8 - C.c:	-4.141e-21	4.141e-21	4.062e+02	4.098e+02	2.469e-08	-2.469e-08	-3.134e+02	3.134e+02	-2.392e-06	-6.004e-06	2.294e+04	-2.356e+04
2													
El: 8	8 - C.c:	-4.413e-21	4.413e-21	5.231e+02	5.377e+02	9.898e-08	-9.898e-08	-4.975e+02	4.975e+02	-1.427e-05	-1.938e-05	2.900e+04	-3.148e+04
3													
El: 8	8 - C.c:	-3.495e-21	3.495e-21	4.036e+02	4.124e+02	5.971e-08	-5.971e-08	-3.748e+02	3.748e+02	-8.217e-06	-1.208e-05	2.251e+04	-2.401e+04
4													
El: 8	8 - C.c:	-4.011e-21	4.011e-21	4.053e+02	4.107e+02	3.708e-08	-3.708e-08	-3.249e+02	3.249e+02	-4.467e-06	-8.140e-06	2.279e+04	-2.372e+04
5													
El: 8	8 - C.c:	-4.141e-21	4.141e-21	4.062e+02	4.098e+02	2.469e-08	-2.469e-08	-3.134e+02	3.134e+02	-2.392e-06	-6.004e-06	2.294e+04	-2.356e+04
7													
El: 8	8 - C.c:	-3.299e-21	3.299e-21	4.012e+02	4.148e+02	9.175e-08	-9.175e-08	-3.902e+02	3.902e+02	-1.361e-05	-1.759e-05	2.211e+04	-2.441e+04
1													
El: 9	9 - C.c:	-4.141e-21	4.141e-21	4.580e+02	3.580e+02	-6.791e-07	6.791e-07	-4.897e+03	4.897e+03	9.281e-05	1.381e-04	3.000e+04	-1.298e+04
2													
El: 9	9 - C.c:	-4.413e-21	4.413e-21	5.813e+02	4.795e+02	-6.913e-07	6.913e-07	-7.719e+03	7.719e+03	8.791e-05	1.471e-04	3.658e+04	-1.926e+04
3													
El: 9	9 - C.c:	-3.495e-21	3.495e-21	4.515e+02	3.645e+02	-5.897e-07	5.897e-07	-5.808e+03	5.808e+03	7.723e-05	1.233e-04	2.885e+04	-1.407e+04
4													
El: 9	9 - C.c:	-4.011e-21	4.011e-21	4.551e+02	3.609e+02	-6.397e-07	6.397e-07	-5.074e+03	5.074e+03	8.617e-05	1.313e-04	2.951e+04	-1.348e+04
5													
El: 9	9 - C.c:	-4.141e-21	4.141e-21	4.580e+02	3.580e+02	-6.791e-07	6.791e-07	-4.897e+03	4.897e+03	9.281e-05	1.381e-04	3.000e+04	-1.298e+04
7													
El: 9	9 - C.c:	-3.299e-21	3.299e-21	4.431e+02	3.729e+02	-4.767e-07	4.767e-07	-6.060e+03	6.060e+03	5.850e-05	1.036e-04	2.747e+04	-1.552e+04
1													
El: 10	10 - C.c:	2.247e-21	-2.247e-21	3.580e+02	4.580e+02	4.007e-05	-4.007e-05	-4.897e+03	4.897e+03	-8.148e-03	-5.476e-03	1.298e+04	-3.000e+04
2													
El: 10	10 - C.c:	1.884e-21	-1.884e-21	4.794e+02	5.813e+02	4.079e-05	-4.079e-05	-7.719e+03	7.719e+03	-8.681e-03	-5.187e-03	1.926e+04	-3.658e+04
3													
El: 10	10 - C.c:	1.551e-21	-1.551e-21	3.645e+02	4.515e+02	3.480e-05	-3.480e-05	-5.808e+03	5.808e+03	-7.274e-03	-4.557e-03	1.407e+04	-2.885e+04
4													
El: 10	10 - C.c:	2.110e-21	-2.110e-21	3.609e+02	4.551e+02	3.774e-05	-3.774e-05	-5.074e+03	5.074e+03	-7.748e-03	-5.085e-03	1.348e+04	-2.951e+04
5													
El: 10	10 - C.c:	2.247e-21	-2.247e-21	3.580e+02	4.580e+02	4.007e-05	-4.007e-05	-4.897e+03	4.897e+03	-8.148e-03	-5.476e-03	1.298e+04	-3.000e+04
7													
El: 10	10 - C.c:	1.352e-21	-1.352e-21	3.729e+02	4.431e+02	2.813e-05	-2.813e-05	-6.060e+03	6.060e+03	-6.112e-03	-3.452e-03	1.552e+04	-2.747e+04
1													
El: 11	11 - C.c:	5.193e-21	-5.193e-21	4.098e+02	4.062e+02	-1.456e-06	1.456e-06	-3.134e+02	3.134e+02	3.541e-04	1.410e-04	2.356e+04	-2.294e+04
2													
El: 11	11 - C.c:	5.847e-21	-5.847e-21	5.377e+02	5.231e+02	-5.839e-06	5.839e-06	-4.975e+02	4.975e+02	1.143e-03	8.420e-04	3.148e+04	-2.900e+04
3													
El: 11	11 - C.c:	4.597e-21	-4.597e-21	4.124e+02	4.036e+02	-3.522e-06	3.522e-06	-3.748e+02	3.748e+02	7.128e-04	4.846e-04	2.401e+04	-2.251e+04
7													
El: 11	11 - C.c:	5.071e-21	-5.071e-21	4.107e+02	4.053e+02	-2.187e-06	2.187e-06	-3.249e+02	3.249e+02	4.801e-04	2.634e-04	2.372e+04	-2.279e+04

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
4												
El: 11 - C.c:	5.193e-21	-5.193e-21	4.098e+02	4.062e+02	-1.456e-06	1.456e-06	-3.134e+02	3.134e+02	3.541e-04	1.410e-04	2.356e+04	-2.294e+04
5												
El: 11 - C.c:	4.404e-21	-4.404e-21	4.148e+02	4.012e+02	-5.412e-06	5.412e-06	-3.902e+02	3.902e+02	1.038e-03	8.026e-04	2.441e+04	-2.211e+04
7												
El: 12 - C.c:	2.247e-21	-2.247e-21	4.062e+02	4.098e+02	1.457e-06	-1.457e-06	3.134e+02	-3.134e+02	-1.411e-04	-3.542e-04	2.294e+04	-2.356e+04
1												
El: 12 - C.c:	1.884e-21	-1.884e-21	5.231e+02	5.377e+02	5.840e-06	-5.840e-06	4.975e+02	-4.975e+02	-8.422e-04	-1.143e-03	2.900e+04	-3.148e+04
2												
El: 12 - C.c:	1.551e-21	-1.551e-21	4.036e+02	4.124e+02	3.523e-06	-3.523e-06	3.748e+02	-3.748e+02	-4.848e-04	-7.130e-04	2.251e+04	-2.401e+04
3												
El: 12 - C.c:	2.110e-21	-2.110e-21	4.053e+02	4.107e+02	2.188e-06	-2.188e-06	3.249e+02	-3.249e+02	-2.636e-04	-4.803e-04	2.279e+04	-2.372e+04
4												
El: 12 - C.c:	2.247e-21	-2.247e-21	4.062e+02	4.098e+02	1.457e-06	-1.457e-06	3.134e+02	-3.134e+02	-1.411e-04	-3.542e-04	2.294e+04	-2.356e+04
5												
El: 12 - C.c:	1.352e-21	-1.352e-21	4.012e+02	4.148e+02	5.413e-06	-5.413e-06	3.902e+02	-3.902e+02	-8.028e-04	-1.038e-03	2.211e+04	-2.441e+04
7												
El: 13 - C.c:	2.247e-21	-2.247e-21	4.580e+02	3.580e+02	-4.007e-05	4.007e-05	4.897e+03	-4.897e+03	5.475e-03	8.148e-03	3.000e+04	-1.298e+04
1												
El: 13 - C.c:	1.884e-21	-1.884e-21	5.813e+02	4.795e+02	-4.079e-05	4.079e-05	7.719e+03	-7.719e+03	5.187e-03	8.681e-03	3.658e+04	-1.926e+04
2												
El: 13 - C.c:	1.551e-21	-1.551e-21	4.515e+02	3.645e+02	-3.479e-05	3.479e-05	5.808e+03	-5.808e+03	4.557e-03	7.273e-03	2.885e+04	-1.407e+04
3												
El: 13 - C.c:	2.110e-21	-2.110e-21	4.551e+02	3.609e+02	-3.774e-05	3.774e-05	5.074e+03	-5.074e+03	5.084e-03	7.748e-03	2.951e+04	-1.348e+04
4												
El: 13 - C.c:	2.247e-21	-2.247e-21	4.580e+02	3.580e+02	-4.007e-05	4.007e-05	4.897e+03	-4.897e+03	5.475e-03	8.148e-03	3.000e+04	-1.298e+04
5												
El: 13 - C.c:	1.352e-21	-1.352e-21	4.431e+02	3.729e+02	-2.813e-05	2.813e-05	6.060e+03	-6.060e+03	3.451e-03	6.112e-03	2.747e+04	-1.552e+04
7												

FORZE MOMENTI PER GRUPPI PIASTRA

GRUPPO NUMERO: 1 - DESCRIZIONE: PLATEA

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
1	1	0.000e+000	0.000e+000	0.000e+000	1.852e+002	4.277e+002	2.421e+002	2.10085	2.10085
1	2	0.000e+000	0.000e+000	0.000e+000	2.790e+002	5.959e+002	3.559e+002	3.01561	3.01561
1	3	0.000e+000	0.000e+000	0.000e+000	2.102e+002	4.620e+002	2.659e+002	2.28911	2.28911
1	4	0.000e+000	0.000e+000	0.000e+000	1.905e+002	4.302e+002	2.489e+002	2.13869	2.13869
1	5	0.000e+000	0.000e+000	0.000e+000	1.852e+002	4.277e+002	2.421e+002	2.10085	2.10085
1	7	0.000e+000	0.000e+000	0.000e+000	2.188e+002	4.550e+002	2.813e+002	2.35007	2.35007
2	1	0.000e+000	0.000e+000	0.000e+000	6.232e+002	3.467e+002	1.279e+001	2.02988	2.02988
2	2	0.000e+000	0.000e+000	0.000e+000	8.516e+002	4.699e+002	1.370e+001	2.77202	2.77202
2	3	0.000e+000	0.000e+000	0.000e+000	6.588e+002	3.702e+002	9.838e+000	2.14593	2.14593
2	4	0.000e+000	0.000e+000	0.000e+000	6.258e+002	3.453e+002	1.276e+001	2.03766	2.03766
2	5	0.000e+000	0.000e+000	0.000e+000	6.232e+002	3.467e+002	1.279e+001	2.02988	2.02988
2	7	0.000e+000	0.000e+000	0.000e+000	6.516e+002	3.531e+002	1.120e+001	2.11986	2.11986
3	1	0.000e+000	0.000e+000	0.000e+000	1.309e+001	4.087e+002	-2.039e+002	2.0075	2.0075
3	2	0.000e+000	0.000e+000	0.000e+000	-4.811e+001	5.652e+002	-2.988e+002	2.94513	2.94513
3	3	0.000e+000	0.000e+000	0.000e+000	-1.903e+001	4.428e+002	-2.269e+002	2.24785	2.24785
3	4	0.000e+000	0.000e+000	0.000e+000	3.091e-001	4.090e+002	-2.082e+002	2.04434	2.04434
3	5	0.000e+000	0.000e+000	0.000e+000	1.309e+001	4.087e+002	-2.039e+002	2.0075	2.0075
3	7	0.000e+000	0.000e+000	0.000e+000	-5.408e+001	4.270e+002	-2.326e+002	2.28305	2.28305
4	1	0.000e+000	0.000e+000	0.000e+000	2.126e+002	8.212e+002	-5.842e-005	2.76836	2.76836
4	2	0.000e+000	0.000e+000	0.000e+000	2.989e+002	1.136e+003	-7.849e-005	3.82479	3.82479
4	3	0.000e+000	0.000e+000	0.000e+000	2.308e+002	8.798e+002	-5.975e-005	2.96288	2.96288
4	4	0.000e+000	0.000e+000	0.000e+000	2.144e+002	8.258e+002	-5.889e-005	2.78325	2.78325
4	5	0.000e+000	0.000e+000	0.000e+000	2.126e+002	8.212e+002	-5.842e-005	2.76836	2.76836
4	7	0.000e+000	0.000e+000	0.000e+000	2.291e+002	8.689e+002	-6.097e-005	2.92502	2.92502
5	1	0.000e+000	0.000e+000	0.000e+000	5.457e+002	6.803e+002	-5.700e-005	2.33994	2.33994
5	2	0.000e+000	0.000e+000	0.000e+000	7.345e+002	9.267e+002	-7.755e-005	3.17668	3.17668
5	3	0.000e+000	0.000e+000	0.000e+000	5.721e+002	7.259e+002	-5.856e-005	2.48448	2.48448
5	4	0.000e+000	0.000e+000	0.000e+000	5.455e+002	6.796e+002	-5.772e-005	2.33798	2.33798
5	5	0.000e+000	0.000e+000	0.000e+000	5.457e+002	6.803e+002	-5.700e-005	2.33994	2.33994
5	7	0.000e+000	0.000e+000	0.000e+000	5.582e+002	7.004e+002	-6.069e-005	2.40464	2.40464
6	1	0.000e+000	0.000e+000	0.000e+000	9.370e+001	7.273e+002	-5.605e-005	2.56977	2.56977
6	2	0.000e+000	0.000e+000	0.000e+000	7.295e+001	9.971e+002	-7.707e-005	3.61013	3.61013
6	3	0.000e+000	0.000e+000	0.000e+000	7.257e+001	7.809e+002	-5.810e-005	2.80223	2.80223
6	4	0.000e+000	0.000e+000	0.000e+000	8.304e+001	7.272e+002	-5.688e-005	2.5854	2.5854
6	5	0.000e+000	0.000e+000	0.000e+000	9.370e+001	7.273e+002	-5.605e-005	2.56977	2.56977
6	7	0.000e+000	0.000e+000	0.000e+000	4.049e+001	7.539e+002	-6.040e-005	2.75435	2.75435
7	1	0.000e+000	0.000e+000	0.000e+000	1.852e+002	4.277e+002	-2.421e+002	2.10085	2.10085
7	2	0.000e+000	0.000e+000	0.000e+000	2.790e+002	5.959e+002	-3.559e+002	3.01561	3.01561
7	3	0.000e+000	0.000e+000	0.000e+000	2.102e+002	4.620e+002	-2.659e+002	2.28911	2.28911
7	4	0.000e+000	0.000e+000	0.000e+000	1.905e+002	4.302e+002	-2.489e+002	2.13869	2.13869
7	5	0.000e+000	0.000e+000	0.000e+000	1.852e+002	4.277e+002	-2.421e+002	2.10085	2.10085

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
7	7	0.000e+000	0.000e+000	0.000e+000	2.188e+002	4.550e+002	-2.813e+002	2.35007	2.35007
8	1	0.000e+000	0.000e+000	0.000e+000	6.232e+002	3.467e+002	-1.279e+001	2.02988	2.02988
8	2	0.000e+000	0.000e+000	0.000e+000	8.516e+002	4.699e+002	-1.370e+001	2.77202	2.77202
8	3	0.000e+000	0.000e+000	0.000e+000	6.588e+002	3.702e+002	-9.838e+000	2.14593	2.14593
8	4	0.000e+000	0.000e+000	0.000e+000	6.258e+002	3.453e+002	-1.276e+001	2.03766	2.03766
8	5	0.000e+000	0.000e+000	0.000e+000	6.232e+002	3.467e+002	-1.279e+001	2.02988	2.02988
8	7	0.000e+000	0.000e+000	0.000e+000	6.516e+002	3.531e+002	-1.120e+001	2.11986	2.11986
9	1	0.000e+000	0.000e+000	0.000e+000	1.309e+001	4.087e+002	2.039e+002	2.0075	2.0075
9	2	0.000e+000	0.000e+000	0.000e+000	-4.811e+001	5.652e+002	2.988e+002	2.94513	2.94513
9	3	0.000e+000	0.000e+000	0.000e+000	-1.903e+001	4.428e+002	2.269e+002	2.24785	2.24785
9	4	0.000e+000	0.000e+000	0.000e+000	3.091e-001	4.090e+002	2.082e+002	2.04434	2.04434
9	5	0.000e+000	0.000e+000	0.000e+000	1.309e+001	4.087e+002	2.039e+002	2.0075	2.0075
9	7	0.000e+000	0.000e+000	0.000e+000	-5.408e+001	4.270e+002	2.326e+002	2.28305	2.28305
10	1	0.000e+000	0.000e+000	0.000e+000	1.852e+002	4.277e+002	2.421e+002	2.10085	2.10085
10	2	0.000e+000	0.000e+000	0.000e+000	2.790e+002	5.959e+002	3.559e+002	3.01561	3.01561
10	3	0.000e+000	0.000e+000	0.000e+000	2.102e+002	4.620e+002	2.659e+002	2.28911	2.28911
10	4	0.000e+000	0.000e+000	0.000e+000	1.905e+002	4.302e+002	2.489e+002	2.13869	2.13869
10	5	0.000e+000	0.000e+000	0.000e+000	1.852e+002	4.277e+002	2.421e+002	2.10085	2.10085
10	7	0.000e+000	0.000e+000	0.000e+000	2.188e+002	4.550e+002	2.813e+002	2.35007	2.35007
11	1	0.000e+000	0.000e+000	0.000e+000	6.231e+002	3.467e+002	1.279e+001	2.02957	2.02957
11	2	0.000e+000	0.000e+000	0.000e+000	8.516e+002	4.699e+002	1.370e+001	2.77202	2.77202
11	3	0.000e+000	0.000e+000	0.000e+000	6.588e+002	3.702e+002	9.838e+000	2.14593	2.14593
11	4	0.000e+000	0.000e+000	0.000e+000	6.258e+002	3.453e+002	1.276e+001	2.03766	2.03766
11	5	0.000e+000	0.000e+000	0.000e+000	6.231e+002	3.467e+002	1.279e+001	2.02957	2.02957
11	7	0.000e+000	0.000e+000	0.000e+000	6.515e+002	3.531e+002	1.120e+001	2.11954	2.11954
12	1	0.000e+000	0.000e+000	0.000e+000	1.308e+001	4.087e+002	-2.039e+002	2.00752	2.00752
12	2	0.000e+000	0.000e+000	0.000e+000	-4.812e+001	5.652e+002	-2.988e+002	2.94514	2.94514
12	3	0.000e+000	0.000e+000	0.000e+000	-1.904e+001	4.428e+002	-2.269e+002	2.24786	2.24786
12	4	0.000e+000	0.000e+000	0.000e+000	2.995e-001	4.090e+002	-2.082e+002	2.04435	2.04435
12	5	0.000e+000	0.000e+000	0.000e+000	1.308e+001	4.087e+002	-2.039e+002	2.00752	2.00752
12	7	0.000e+000	0.000e+000	0.000e+000	-5.409e+001	4.270e+002	-2.326e+002	2.28307	2.28307
13	1	0.000e+000	0.000e+000	0.000e+000	2.126e+002	8.212e+002	8.207e-005	2.76836	2.76836
13	2	0.000e+000	0.000e+000	0.000e+000	2.989e+002	1.137e+003	1.155e-004	3.82842	3.82842
13	3	0.000e+000	0.000e+000	0.000e+000	2.308e+002	8.799e+002	8.654e-005	2.96324	2.96324
13	4	0.000e+000	0.000e+000	0.000e+000	2.144e+002	8.258e+002	8.374e-005	2.78325	2.78325
13	5	0.000e+000	0.000e+000	0.000e+000	2.126e+002	8.212e+002	8.207e-005	2.76836	2.76836
13	7	0.000e+000	0.000e+000	0.000e+000	2.291e+002	8.689e+002	9.097e-005	2.92502	2.92502
14	1	0.000e+000	0.000e+000	0.000e+000	5.457e+002	6.803e+002	-1.342e-004	2.33994	2.33994
14	2	0.000e+000	0.000e+000	0.000e+000	7.344e+002	9.267e+002	-1.922e-004	3.17656	3.17656
14	3	0.000e+000	0.000e+000	0.000e+000	5.720e+002	7.259e+002	-1.432e-004	2.48436	2.48436
14	4	0.000e+000	0.000e+000	0.000e+000	5.455e+002	6.796e+002	-1.376e-004	2.33798	2.33798
14	5	0.000e+000	0.000e+000	0.000e+000	5.457e+002	6.803e+002	-1.342e-004	2.33994	2.33994
14	7	0.000e+000	0.000e+000	0.000e+000	5.582e+002	7.004e+002	-1.522e-004	2.40464	2.40464
15	1	0.000e+000	0.000e+000	0.000e+000	9.369e+001	7.273e+002	-2.917e-004	2.56978	2.56978
15	2	0.000e+000	0.000e+000	0.000e+000	7.295e+001	9.971e+002	-4.152e-004	3.61013	3.61013
15	3	0.000e+000	0.000e+000	0.000e+000	7.256e+001	7.809e+002	-3.102e-004	2.80225	2.80225
15	4	0.000e+000	0.000e+000	0.000e+000	8.303e+001	7.272e+002	-2.984e-004	2.58542	2.58542
15	5	0.000e+000	0.000e+000	0.000e+000	9.369e+001	7.273e+002	-2.917e-004	2.56978	2.56978
15	7	0.000e+000	0.000e+000	0.000e+000	4.048e+001	7.539e+002	-3.281e-004	2.75436	2.75436
16	1	0.000e+000	0.000e+000	0.000e+000	1.852e+002	4.277e+002	-2.421e+002	2.10085	2.10085
16	2	0.000e+000	0.000e+000	0.000e+000	2.790e+002	5.959e+002	-3.559e+002	3.01561	3.01561
16	3	0.000e+000	0.000e+000	0.000e+000	2.102e+002	4.620e+002	-2.659e+002	2.28911	2.28911
16	4	0.000e+000	0.000e+000	0.000e+000	1.905e+002	4.302e+002	-2.489e+002	2.13869	2.13869
16	5	0.000e+000	0.000e+000	0.000e+000	1.852e+002	4.277e+002	-2.421e+002	2.10085	2.10085
16	7	0.000e+000	0.000e+000	0.000e+000	2.188e+002	4.550e+002	-2.813e+002	2.35007	2.35007
17	1	0.000e+000	0.000e+000	0.000e+000	6.231e+002	3.467e+002	-1.279e+001	2.02957	2.02957
17	2	0.000e+000	0.000e+000	0.000e+000	8.516e+002	4.699e+002	-1.370e+001	2.77202	2.77202
17	3	0.000e+000	0.000e+000	0.000e+000	6.588e+002	3.702e+002	-9.839e+000	2.14593	2.14593
17	4	0.000e+000	0.000e+000	0.000e+000	6.258e+002	3.453e+002	-1.276e+001	2.03766	2.03766
17	5	0.000e+000	0.000e+000	0.000e+000	6.231e+002	3.467e+002	-1.279e+001	2.02957	2.02957
17	7	0.000e+000	0.000e+000	0.000e+000	6.515e+002	3.531e+002	-1.120e+001	2.11954	2.11954
18	1	0.000e+000	0.000e+000	0.000e+000	1.308e+001	4.087e+002	2.039e+002	2.00752	2.00752
18	2	0.000e+000	0.000e+000	0.000e+000	-4.812e+001	5.652e+002	2.988e+002	2.94514	2.94514
18	3	0.000e+000	0.000e+000	0.000e+000	-1.904e+001	4.428e+002	2.269e+002	2.24786	2.24786
18	4	0.000e+000	0.000e+000	0.000e+000	2.994e-001	4.090e+002	2.082e+002	2.04435	2.04435
18	5	0.000e+000	0.000e+000	0.000e+000	1.308e+001	4.087e+002	2.039e+002	2.00752	2.00752
18	7	0.000e+000	0.000e+000	0.000e+000	-5.409e+001	4.270e+002	2.326e+002	2.28307	2.28307
19	1	0.000e+000	0.000e+000	0.000e+000	-8.420e+001	4.010e+002	1.990e+002	2.12284	2.12284
19	2	0.000e+000	0.000e+000	0.000e+000	-1.531e+002	5.571e+002	2.944e+002	3.0903	3.0903
19	3	0.000e+000	0.000e+000	0.000e+000	-1.072e+002	4.365e+002	2.218e+002	2.36102	2.36102
19	4	0.000e+000	0.000e+000	0.000e+000	-9.222e+001	4.015e+002	2.041e+002	2.15976	2.15976
19	5	0.000e+000	0.000e+000	0.000e+000	-8.420e+001	4.010e+002	1.990e+002	2.12284	2.12284
19	7	0.000e+000	0.000e+000	0.000e+000	-1.278e+002	4.209e+002	2.310e+002	2.39344	2.39344

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
20	1	0.000e+000	0.000e+000	0.000e+000	4.010e+002	3.267e+002	-7.150e-002	1.38561	1.38561
20	2	0.000e+000	0.000e+000	0.000e+000	5.414e+002	4.418e+002	-1.439e+000	1.87169	1.87169
20	3	0.000e+000	0.000e+000	0.000e+000	4.207e+002	3.507e+002	-9.477e-001	1.46414	1.46414
20	4	0.000e+000	0.000e+000	0.000e+000	4.014e+002	3.244e+002	-2.588e-001	1.38366	1.38366
20	5	0.000e+000	0.000e+000	0.000e+000	4.010e+002	3.267e+002	-7.150e-002	1.38561	1.38561
20	7	0.000e+000	0.000e+000	0.000e+000	4.124e+002	3.296e+002	-1.259e+000	1.41702	1.41702
21	1	0.000e+000	0.000e+000	0.000e+000	-1.343e+002	4.001e+002	-2.024e+002	2.23352	2.23352
21	2	0.000e+000	0.000e+000	0.000e+000	-2.264e+002	5.556e+002	-2.982e+002	3.25302	3.25302
21	3	0.000e+000	0.000e+000	0.000e+000	-1.628e+002	4.358e+002	-2.253e+002	2.48649	2.48649
21	4	0.000e+000	0.000e+000	0.000e+000	-1.434e+002	4.005e+002	-2.073e+002	2.27275	2.27275
21	5	0.000e+000	0.000e+000	0.000e+000	-1.343e+002	4.001e+002	-2.024e+002	2.23352	2.23352
21	7	0.000e+000	0.000e+000	0.000e+000	-1.850e+002	4.194e+002	-2.332e+002	2.51797	2.51797
22	1	0.000e+000	0.000e+000	0.000e+000	9.461e+000	7.200e+002	-2.839e-004	2.68244	2.68244
22	2	0.000e+000	0.000e+000	0.000e+000	-2.713e+001	9.861e+002	-4.047e-004	3.74978	3.74978
22	3	0.000e+000	0.000e+000	0.000e+000	-8.719e+000	7.735e+002	-3.022e-004	2.91711	2.91711
22	4	0.000e+000	0.000e+000	0.000e+000	1.264e+000	7.194e+002	-2.907e-004	2.69538	2.69538
22	5	0.000e+000	0.000e+000	0.000e+000	9.461e+000	7.200e+002	-2.839e-004	2.68244	2.68244
22	7	0.000e+000	0.000e+000	0.000e+000	-3.242e+001	7.442e+002	-3.199e-004	2.85348	2.85348
23	1	0.000e+000	0.000e+000	0.000e+000	3.376e+002	6.459e+002	-2.647e-004	2.09834	2.09834
23	2	0.000e+000	0.000e+000	0.000e+000	4.448e+002	8.780e+002	-3.766e-004	2.85147	2.85147
23	3	0.000e+000	0.000e+000	0.000e+000	3.491e+002	6.921e+002	-2.812e-004	2.24769	2.24769
23	4	0.000e+000	0.000e+000	0.000e+000	3.356e+002	6.435e+002	-2.709e-004	2.09047	2.09047
23	5	0.000e+000	0.000e+000	0.000e+000	3.376e+002	6.459e+002	-2.647e-004	2.09834	2.09834
23	7	0.000e+000	0.000e+000	0.000e+000	3.355e+002	6.595e+002	-2.977e-004	2.1419	2.1419
24	1	0.000e+000	0.000e+000	0.000e+000	-4.588e+001	7.131e+002	-1.842e-004	2.76417	2.76417
24	2	0.000e+000	0.000e+000	0.000e+000	-1.009e+002	9.785e+002	-2.602e-004	3.87245	3.87245
24	3	0.000e+000	0.000e+000	0.000e+000	-6.641e+001	7.678e+002	-1.948e-004	3.0115	3.0115
24	4	0.000e+000	0.000e+000	0.000e+000	-5.390e+001	7.126e+002	-1.882e-004	2.77883	2.77883
24	5	0.000e+000	0.000e+000	0.000e+000	-4.588e+001	7.131e+002	-1.842e-004	2.76417	2.76417
24	7	0.000e+000	0.000e+000	0.000e+000	-8.820e+001	7.383e+002	-2.053e-004	2.94795	2.94795
25	1	0.000e+000	0.000e+000	0.000e+000	-8.420e+001	4.010e+002	-1.990e+002	2.12284	2.12284
25	2	0.000e+000	0.000e+000	0.000e+000	-1.531e+002	5.571e+002	-2.944e+002	3.0903	3.0903
25	3	0.000e+000	0.000e+000	0.000e+000	-1.072e+002	4.365e+002	-2.218e+002	2.36102	2.36102
25	4	0.000e+000	0.000e+000	0.000e+000	-9.222e+001	4.015e+002	-2.041e+002	2.15976	2.15976
25	5	0.000e+000	0.000e+000	0.000e+000	-8.420e+001	4.010e+002	-1.990e+002	2.12284	2.12284
25	7	0.000e+000	0.000e+000	0.000e+000	-1.278e+002	4.209e+002	-2.310e+002	2.39344	2.39344
26	1	0.000e+000	0.000e+000	0.000e+000	4.010e+002	3.267e+002	7.098e-002	1.38561	1.38561
26	2	0.000e+000	0.000e+000	0.000e+000	5.414e+002	4.418e+002	1.439e+000	1.87169	1.87169
26	3	0.000e+000	0.000e+000	0.000e+000	4.207e+002	3.507e+002	9.472e-001	1.46414	1.46414
26	4	0.000e+000	0.000e+000	0.000e+000	4.014e+002	3.244e+002	2.582e-001	1.38366	1.38366
26	5	0.000e+000	0.000e+000	0.000e+000	4.010e+002	3.267e+002	7.098e-002	1.38561	1.38561
26	7	0.000e+000	0.000e+000	0.000e+000	4.124e+002	3.296e+002	1.258e+000	1.41702	1.41702
27	1	0.000e+000	0.000e+000	0.000e+000	-1.343e+002	4.001e+002	2.024e+002	2.23352	2.23352
27	2	0.000e+000	0.000e+000	0.000e+000	-2.264e+002	5.556e+002	2.982e+002	3.25302	3.25302
27	3	0.000e+000	0.000e+000	0.000e+000	-1.628e+002	4.358e+002	2.253e+002	2.48649	2.48649
27	4	0.000e+000	0.000e+000	0.000e+000	-1.434e+002	4.005e+002	2.073e+002	2.27275	2.27275
27	5	0.000e+000	0.000e+000	0.000e+000	-1.343e+002	4.001e+002	2.024e+002	2.23352	2.23352
27	7	0.000e+000	0.000e+000	0.000e+000	-1.850e+002	4.194e+002	2.332e+002	2.51797	2.51797
28	1	0.000e+000	0.000e+000	0.000e+000	-1.343e+002	4.001e+002	2.024e+002	2.23352	2.23352
28	2	0.000e+000	0.000e+000	0.000e+000	-2.264e+002	5.556e+002	2.982e+002	3.25302	3.25302
28	3	0.000e+000	0.000e+000	0.000e+000	-1.628e+002	4.358e+002	2.253e+002	2.48649	2.48649
28	4	0.000e+000	0.000e+000	0.000e+000	-1.434e+002	4.005e+002	2.073e+002	2.27275	2.27275
28	5	0.000e+000	0.000e+000	0.000e+000	-1.343e+002	4.001e+002	2.024e+002	2.23352	2.23352
28	7	0.000e+000	0.000e+000	0.000e+000	-1.850e+002	4.194e+002	2.332e+002	2.51797	2.51797
29	1	0.000e+000	0.000e+000	0.000e+000	4.010e+002	3.267e+002	7.106e-002	1.38561	1.38561
29	2	0.000e+000	0.000e+000	0.000e+000	5.414e+002	4.418e+002	1.439e+000	1.87169	1.87169
29	3	0.000e+000	0.000e+000	0.000e+000	4.207e+002	3.507e+002	9.472e-001	1.46414	1.46414
29	4	0.000e+000	0.000e+000	0.000e+000	4.014e+002	3.244e+002	2.583e-001	1.38366	1.38366
29	5	0.000e+000	0.000e+000	0.000e+000	4.010e+002	3.267e+002	7.106e-002	1.38561	1.38561
29	7	0.000e+000	0.000e+000	0.000e+000	4.124e+002	3.296e+002	1.258e+000	1.41702	1.41702
30	1	0.000e+000	0.000e+000	0.000e+000	-8.421e+001	4.010e+002	-1.990e+002	2.12286	2.12286
30	2	0.000e+000	0.000e+000	0.000e+000	-1.531e+002	5.571e+002	-2.944e+002	3.0903	3.0903
30	3	0.000e+000	0.000e+000	0.000e+000	-1.072e+002	4.365e+002	-2.218e+002	2.36102	2.36102
30	4	0.000e+000	0.000e+000	0.000e+000	-9.223e+001	4.015e+002	-2.041e+002	2.15978	2.15978
30	5	0.000e+000	0.000e+000	0.000e+000	-8.421e+001	4.010e+002	-1.990e+002	2.12286	2.12286
30	7	0.000e+000	0.000e+000	0.000e+000	-1.278e+002	4.209e+002	-2.310e+002	2.39344	2.39344
31	1	0.000e+000	0.000e+000	0.000e+000	-4.588e+001	7.131e+002	-1.320e-004	2.76417	2.76417
31	2	0.000e+000	0.000e+000	0.000e+000	-1.009e+002	9.785e+002	-1.864e-004	3.87245	3.87245
31	3	0.000e+000	0.000e+000	0.000e+000	-6.640e+001	7.678e+002	-1.395e-004	3.01148	3.01148
31	4	0.000e+000	0.000e+000	0.000e+000	-5.390e+001	7.126e+002	-1.348e-004	2.77883	2.77883
31	5	0.000e+000	0.000e+000	0.000e+000	-4.588e+001	7.131e+002	-1.320e-004	2.76417	2.76417
31	7	0.000e+000	0.000e+000	0.000e+000	-8.820e+001	7.383e+002	-1.471e-004	2.94795	2.94795
32	1	0.000e+000	0.000e+000	0.000e+000	3.376e+002	6.459e+002	-1.232e-004	2.09834	2.09834



Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
32	2	0.000e+000	0.000e+000	0.000e+000	4.448e+002	8.780e+002	-1.733e-004	2.85147	2.85147
32	3	0.000e+000	0.000e+000	0.000e+000	3.491e+002	6.921e+002	-1.297e-004	2.24769	2.24769
32	4	0.000e+000	0.000e+000	0.000e+000	3.356e+002	6.435e+002	-1.258e-004	2.09047	2.09047
32	5	0.000e+000	0.000e+000	0.000e+000	3.376e+002	6.459e+002	-1.232e-004	2.09834	2.09834
32	7	0.000e+000	0.000e+000	0.000e+000	3.355e+002	6.595e+002	-1.368e-004	2.1419	2.1419
33	1	0.000e+000	0.000e+000	0.000e+000	9.455e+000	7.200e+002	-8.141e-005	2.68245	2.68245
33	2	0.000e+000	0.000e+000	0.000e+000	-2.714e+001	9.861e+002	-1.123e-004	3.7498	3.7498
33	3	0.000e+000	0.000e+000	0.000e+000	-8.725e+000	7.735e+002	-8.459e-005	2.91712	2.91712
33	4	0.000e+000	0.000e+000	0.000e+000	1.258e+000	7.194e+002	-8.270e-005	2.69539	2.69539
33	5	0.000e+000	0.000e+000	0.000e+000	9.455e+000	7.200e+002	-8.141e-005	2.68245	2.68245
33	7	0.000e+000	0.000e+000	0.000e+000	-3.242e+001	7.442e+002	-8.814e-005	2.85348	2.85348
34	1	0.000e+000	0.000e+000	0.000e+000	-1.343e+002	4.001e+002	-2.024e+002	2.23352	2.23352
34	2	0.000e+000	0.000e+000	0.000e+000	-2.264e+002	5.556e+002	-2.982e+002	3.25302	3.25302
34	3	0.000e+000	0.000e+000	0.000e+000	-1.628e+002	4.358e+002	-2.253e+002	2.48649	2.48649
34	4	0.000e+000	0.000e+000	0.000e+000	-1.434e+002	4.005e+002	-2.073e+002	2.27275	2.27275
34	5	0.000e+000	0.000e+000	0.000e+000	-1.343e+002	4.001e+002	-2.024e+002	2.23352	2.23352
34	7	0.000e+000	0.000e+000	0.000e+000	-1.850e+002	4.194e+002	-2.332e+002	2.51797	2.51797
35	1	0.000e+000	0.000e+000	0.000e+000	4.010e+002	3.267e+002	-7.130e-002	1.38561	1.38561
35	2	0.000e+000	0.000e+000	0.000e+000	5.414e+002	4.418e+002	-1.439e+000	1.87169	1.87169
35	3	0.000e+000	0.000e+000	0.000e+000	4.207e+002	3.507e+002	-9.475e-001	1.46414	1.46414
35	4	0.000e+000	0.000e+000	0.000e+000	4.014e+002	3.244e+002	-2.586e-001	1.38366	1.38366
35	5	0.000e+000	0.000e+000	0.000e+000	4.010e+002	3.267e+002	-7.130e-002	1.38561	1.38561
35	7	0.000e+000	0.000e+000	0.000e+000	4.124e+002	3.296e+002	-1.258e+000	1.41702	1.41702
36	1	0.000e+000	0.000e+000	0.000e+000	-8.421e+001	4.010e+002	1.990e+002	2.12286	2.12286
36	2	0.000e+000	0.000e+000	0.000e+000	-1.531e+002	5.571e+002	2.944e+002	3.0903	3.0903
36	3	0.000e+000	0.000e+000	0.000e+000	-1.072e+002	4.365e+002	2.218e+002	2.36102	2.36102
36	4	0.000e+000	0.000e+000	0.000e+000	-9.223e+001	4.015e+002	2.041e+002	2.15978	2.15978
36	5	0.000e+000	0.000e+000	0.000e+000	-8.421e+001	4.010e+002	1.990e+002	2.12286	2.12286
36	7	0.000e+000	0.000e+000	0.000e+000	-1.278e+002	4.209e+002	2.310e+002	2.39344	2.39344

## MASSIME TENSIONI/MOMENTI /ELEMENTI E COMB.CARICO CORRISPONDENTI

	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf.
Max. neg.	+0.00e+000	+0.00e+000	+0.00e+000	-2.26e+002	+0.00e+000	-3.56e+002	+0.00e+000	+0.00e+000
Elem/c.c.	0/ 0	0/ 0	0/ 0	21/ 2	0/ 0	7/ 2	0/ 0	0/ 0
Max. pos.	+0.00e+000	+0.00e+000	+0.00e+000	+8.52e+002	+1.14e+003	+3.56e+002	+3.87e+000	+3.87e+000
Elem/c.c.	0/ 0	0/ 0	0/ 0	2/ 2	13/ 2	1/ 2	24/ 2	24/ 2

## FORZE MOMENTI PER GRUPPI TRAVE DI FONDAZIONE

### GRUPPO NUMERO: 1 - DESCRIZIONE: TRAVI DI FONDAZIONE

#### TRAVE NUMERO: 1 - LUNGHEZZA: 113.33

Dist.	c.c.	Fy	Mx	Mz	Spост.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	1	-8.725e+002	+1.737e+004	-3.344e+004	-2.426e-001	+5.784e-005	-5.261e-005	0.24262
0.000	2	-1.226e+003	+2.558e+004	-4.432e+004	-3.442e-001	+8.120e-005	-6.500e-005	0.34423
0.000	3	-9.321e+002	+1.912e+004	-3.439e+004	-2.577e-001	+6.246e-005	-5.195e-005	0.25768
0.000	4	-8.854e+002	+1.786e+004	-3.341e+004	-2.480e-001	+5.842e-005	-5.158e-005	0.24797
0.000	5	-8.725e+002	+1.737e+004	-3.344e+004	-2.426e-001	+5.784e-005	-5.261e-005	0.24262
0.000	7	-9.537e+002	+2.021e+004	-3.381e+004	-2.715e-001	+6.246e-005	-4.815e-005	0.27155
37.778	1	-8.725e+002	+1.737e+004	-4.775e+002	-2.403e-001	+4.971e-005	-5.989e-005	0.24032
37.778	2	-1.226e+003	+2.558e+004	+1.998e+003	-3.413e-001	+6.921e-005	-7.409e-005	0.34135
37.778	3	-9.321e+002	+1.912e+004	+8.226e+002	-2.554e-001	+5.350e-005	-5.915e-005	0.25539
37.778	4	-8.854e+002	+1.786e+004	+3.316e+001	-2.457e-001	+5.006e-005	-5.875e-005	0.24570
37.778	5	-8.725e+002	+1.737e+004	-4.775e+002	-2.403e-001	+4.971e-005	-5.989e-005	0.24032
37.778	7	-9.537e+002	+2.021e+004	+2.215e+003	-2.694e-001	+5.300e-005	-5.494e-005	0.26940
75.556	1	-6.075e+002	+1.737e+004	+2.247e+004	-2.380e-001	+4.158e-005	-5.517e-005	0.23802
75.556	2	-8.269e+002	+2.558e+004	+3.324e+004	-3.385e-001	+5.723e-005	-6.652e-005	0.33852
75.556	3	-6.386e+002	+1.912e+004	+2.495e+004	-2.531e-001	+4.455e-005	-5.362e-005	0.25313
75.556	4	-6.101e+002	+1.786e+004	+2.308e+004	-2.435e-001	+4.169e-005	-5.378e-005	0.24345
75.556	5	-6.075e+002	+1.737e+004	+2.247e+004	-2.380e-001	+4.158e-005	-5.517e-005	0.23802
75.556	7	-6.337e+002	+2.021e+004	+2.615e+004	-2.673e-001	+4.353e-005	-4.885e-005	0.26731
113.333	1	+3.468e+002	-1.737e+004	-3.557e+004	-2.361e-001	+3.344e-005	-4.271e-005	0.23610
113.333	2	+4.330e+002	-2.558e+004	-4.960e+004	-3.363e-001	+4.525e-005	-4.875e-005	0.33626
113.333	3	+3.494e+002	-1.912e+004	-3.815e+004	-2.513e-001	+3.559e-005	-4.008e-005	0.25129
113.333	4	+3.392e+002	-1.786e+004	-3.590e+004	-2.416e-001	+3.333e-005	-4.113e-005	0.24159
113.333	5	+3.468e+002	-1.737e+004	-3.557e+004	-2.361e-001	+3.344e-005	-4.271e-005	0.23610
113.333	7	+3.176e+002	-2.021e+004	-3.815e+004	-2.657e-001	+3.406e-005	-3.504e-005	0.26566

#### TRAVE NUMERO: 2 - LUNGHEZZA: 113.33

Dist.	c.c.	Fy	Mx	Mz	Spост.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	1	-9.402e+002	+1.535e+004	-5.467e+004	-2.352e-001	+5.456e-005	-2.740e-006	0.23521

Dist.	c.c.	Fy	Mx	Mz	Spost.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	2	-1.372e+003	+2.286e+004	-8.018e+004	-3.372e-001	+7.686e-005	+1.614e-006	0.33724
0.000	3	-1.032e+003	+1.719e+004	-6.040e+004	-2.515e-001	+5.962e-005	-1.177e-007	0.25149
0.000	4	-9.629e+002	+1.577e+004	-5.601e+004	-2.411e-001	+5.495e-005	-1.750e-006	0.24111
0.000	5	-9.402e+002	+1.535e+004	-5.467e+004	-2.352e-001	+5.456e-005	-2.740e-006	0.23521
0.000	7	-1.077e+003	+1.795e+004	-6.289e+004	-2.669e-001	+5.865e-005	+2.532e-006	0.26694
37.778	1	-9.402e+002	+1.535e+004	-1.915e+004	-2.346e-001	+4.737e-005	-1.859e-005	0.23461
37.778	2	-1.372e+003	+2.286e+004	-2.836e+004	-3.366e-001	+6.616e-005	-2.168e-005	0.33658
37.778	3	-1.032e+003	+1.719e+004	-2.141e+004	-2.509e-001	+5.157e-005	-1.768e-005	0.25094
37.778	4	-9.629e+002	+1.577e+004	-1.963e+004	-2.405e-001	+4.757e-005	-1.798e-005	0.24054
37.778	5	-9.402e+002	+1.535e+004	-1.915e+004	-2.346e-001	+4.737e-005	-1.859e-005	0.23461
37.778	7	-1.077e+003	+1.795e+004	-2.220e+004	-2.665e-001	+5.025e-005	-1.573e-005	0.26647
75.556	1	-6.859e+002	+1.535e+004	+6.763e+003	-2.337e-001	+4.018e-005	-2.124e-005	0.23372
75.556	2	-9.815e+002	+2.286e+004	+8.718e+003	-3.355e-001	+5.545e-005	-2.590e-005	0.33548
75.556	3	-7.469e+002	+1.719e+004	+6.805e+003	-2.501e-001	+4.351e-005	-2.081e-005	0.25006
75.556	4	-6.975e+002	+1.577e+004	+6.720e+003	-2.397e-001	+4.018e-005	-2.076e-005	0.23966
75.556	5	-6.859e+002	+1.535e+004	+6.763e+003	-2.337e-001	+4.018e-005	-2.124e-005	0.23372
75.556	7	-7.626e+002	+1.795e+004	+6.613e+003	-2.657e-001	+4.184e-005	-1.907e-005	0.26566
113.333	1	+4.334e+002	-1.535e+004	-2.313e+004	-2.330e-001	+3.300e-005	-1.483e-005	0.23295
113.333	2	+5.933e+002	-2.286e+004	-3.113e+004	-2.345e-001	+4.474e-005	-1.735e-005	0.33454
113.333	3	+4.635e+002	-1.719e+004	-2.431e+004	-2.493e-001	+3.546e-005	-1.414e-005	0.24931
113.333	4	+4.337e+002	-1.577e+004	-2.310e+004	-2.389e-001	+3.280e-005	-1.435e-005	0.23891
113.333	5	+4.334e+002	-1.535e+004	-2.313e+004	-2.330e-001	+3.300e-005	-1.483e-005	0.23295
113.333	7	+4.497e+002	-1.795e+004	-2.360e+004	-2.650e-001	+3.343e-005	-1.259e-005	0.26497

**TRAVE NUMERO: 3 - LUNGHEZZA: 113.33**

Dist.	c.c.	Fy	Mx	Mz	Spost.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	1	-9.535e+002	+1.567e+004	-5.770e+004	-2.351e-001	+5.507e-005	+7.050e-011	0.23512
0.000	2	-1.403e+003	+2.323e+004	-8.556e+004	-3.381e-001	+7.758e-005	+1.084e-010	0.33813
0.000	3	-1.053e+003	+1.753e+004	-6.425e+004	-2.519e-001	+6.023e-005	+8.216e-011	0.25192
0.000	4	-9.786e+002	+1.607e+004	-5.928e+004	-2.412e-001	+5.545e-005	+7.254e-011	0.24121
0.000	5	-9.535e+002	+1.567e+004	-5.770e+004	-2.351e-001	+5.507e-005	+7.050e-011	0.23512
0.000	7	-1.104e+003	+1.819e+004	-6.730e+004	-2.679e-001	+5.915e-005	+8.452e-011	0.26787
37.778	1	-9.535e+002	+1.567e+004	-2.168e+004	-2.346e-001	+4.773e-005	-1.704e-005	0.23460
37.778	2	-1.403e+003	+2.323e+004	-3.257e+004	-3.374e-001	+6.670e-005	-2.536e-005	0.33736
37.778	3	-1.053e+003	+1.753e+004	-2.448e+004	-2.513e-001	+5.202e-005	-1.905e-005	0.25134
37.778	4	-9.786e+002	+1.607e+004	-2.231e+004	-2.407e-001	+4.792e-005	-1.751e-005	0.24067
37.778	5	-9.535e+002	+1.567e+004	-2.168e+004	-2.346e-001	+4.773e-005	-1.704e-005	0.23460
37.778	7	-1.104e+003	+1.819e+004	-2.560e+004	-2.673e-001	+5.063e-005	-1.994e-005	0.26727
75.556	1	-6.992e+002	+1.567e+004	+4.737e+003	-2.337e-001	+4.039e-005	-2.067e-005	0.23374
75.556	2	-1.011e+003	+2.323e+004	+5.615e+003	-3.361e-001	+5.581e-005	-3.114e-005	0.33609
75.556	3	-7.669e+002	+1.753e+004	+4.488e+003	-2.504e-001	+4.381e-005	-2.334e-005	0.25039
75.556	4	-7.129e+002	+1.607e+004	+4.623e+003	-2.398e-001	+4.039e-005	-2.131e-005	0.23979
75.556	5	-6.992e+002	+1.567e+004	+4.737e+003	-2.337e-001	+4.039e-005	-2.067e-005	0.23374
75.556	7	-7.878e+002	+1.819e+004	+4.158e+003	-2.663e-001	+4.210e-005	-2.454e-005	0.26627
113.333	1	+4.466e+002	-1.567e+004	-2.161e+004	-2.330e-001	+3.305e-005	-1.502e-005	0.23298
113.333	2	+6.216e+002	-2.323e+004	-2.910e+004	-3.349e-001	+4.493e-005	-2.369e-005	0.33493
113.333	3	+4.828e+002	-1.753e+004	-2.273e+004	-2.495e-001	+3.559e-005	-1.750e-005	0.24952
113.333	4	+4.488e+002	-1.607e+004	-2.158e+004	-2.390e-001	+3.287e-005	-1.569e-005	0.23900
113.333	5	+4.466e+002	-1.567e+004	-2.161e+004	-2.330e-001	+3.305e-005	-1.502e-005	0.23298
113.333	7	+4.737e+002	-1.819e+004	-2.205e+004	-2.654e-001	+3.358e-005	-1.892e-005	0.26535

**TRAVE NUMERO: 4 - LUNGHEZZA: 113.33**

Dist.	c.c.	Fy	Mx	Mz	Spost.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	1	-9.830e+002	+1.578e+004	-5.161e+004	-2.352e-001	+5.456e-005	+2.740e-006	0.23521
0.000	2	-1.456e+003	+2.326e+004	-7.948e+004	-3.372e-001	+7.686e-005	-1.613e-006	0.33724
0.000	3	-1.090e+003	+1.764e+004	-5.899e+004	-2.515e-001	+5.962e-005	+1.184e-007	0.25149
0.000	4	-1.011e+003	+1.614e+004	-5.358e+004	-2.411e-001	+5.495e-005	+1.750e-006	0.24111
0.000	5	-9.830e+002	+1.578e+004	-5.161e+004	-2.352e-001	+5.456e-005	+2.740e-006	0.23521
0.000	7	-1.148e+003	+1.814e+004	-6.319e+004	-2.669e-001	+5.866e-005	-2.532e-006	0.26694
37.778	1	-9.830e+002	+1.578e+004	-1.447e+004	-2.348e-001	+4.717e-005	-1.144e-005	0.23484
37.778	2	-1.456e+003	+2.326e+004	-2.449e+004	-3.365e-001	+6.597e-005	-2.393e-005	0.33646
37.778	3	-1.090e+003	+1.764e+004	-1.779e+004	-2.510e-001	+5.136e-005	-1.636e-005	0.25096
37.778	4	-1.011e+003	+1.614e+004	-1.540e+004	-2.407e-001	+4.739e-005	-1.306e-005	0.24069
37.778	5	-9.830e+002	+1.578e+004	-1.447e+004	-2.348e-001	+4.717e-005	-1.144e-005	0.23484
37.778	7	-1.148e+003	+1.814e+004	-1.983e+004	-2.663e-001	+5.016e-005	-2.035e-005	0.26628
75.556	1	-7.283e+002	+1.578e+004	+1.304e+004	-2.343e-001	+3.978e-005	-1.175e-005	0.23426
75.556	2	-1.066e+003	+2.326e+004	+1.577e+004	-3.353e-001	+5.507e-005	-2.580e-005	0.33530
75.556	3	-8.053e+002	+1.764e+004	+1.264e+004	-2.502e-001	+4.310e-005	-1.747e-005	0.25016
75.556	4	-7.449e+002	+1.614e+004	+1.275e+004	-2.400e-001	+3.983e-005	-1.363e-005	0.24003
75.556	5	-7.283e+002	+1.578e+004	+1.304e+004	-2.343e-001	+3.978e-005	-1.175e-005	0.23426
75.556	7	-8.335e+002	+1.814e+004	+1.166e+004	-2.653e-001	+4.166e-005	-2.211e-005	0.26530
113.333	1	+4.747e+002	-1.578e+004	-3.097e+004	-2.339e-001	+3.239e-005	-2.305e-006	0.23389
113.333	2	+6.779e+002	-2.326e+004	-4.138e+004	-3.344e-001	+4.417e-005	-1.354e-005	0.33442
113.333	3	+5.217e+002	-1.764e+004	-3.234e+004	-2.496e-001	+3.484e-005	-7.816e-006	0.24957
113.333	4	+4.804e+002	-1.614e+004	-3.089e+004	-2.396e-001	+3.228e-005	-4.260e-006	0.23959

Dist.	c.c.	Fy	Mx	Mz	Spost.Z	Rotaz.X	Rotaz.Y	Press. Suolo
113.333	5	+4.747e+002	-1.578e+004	-3.097e+004	-2.339e-001	+3.239e-005	-2.305e-006	0.23389
113.333	7	+5.212e+002	-1.814e+004	-3.134e+004	-2.645e-001	+3.317e-005	-1.288e-005	0.26454

TRAVE NUMERO: 5 - LUNGHEZZA: 113.33

Dist.	c.c.	Fy	Mx	Mz	Spost.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	1	-8.725e+002	-1.737e+004	-3.344e+004	-2.426e-001	-5.784e-005	-5.261e-005	0.24262
0.000	2	-1.226e+003	-2.558e+004	-4.432e+004	-3.442e-001	-8.120e-005	-6.500e-005	0.34423
0.000	3	-9.321e+002	-1.912e+004	-3.439e+004	-2.577e-001	-6.246e-005	-5.195e-005	0.25768
0.000	4	-8.854e+002	-1.786e+004	-3.341e+004	-2.480e-001	-5.842e-005	-5.158e-005	0.24797
0.000	5	-8.725e+002	-1.737e+004	-3.344e+004	-2.426e-001	-5.784e-005	-5.261e-005	0.24262
0.000	7	-9.537e+002	-2.021e+004	-3.381e+004	-2.715e-001	-6.246e-005	-4.815e-005	0.27155
37.778	1	-8.725e+002	-1.737e+004	-4.775e+002	-2.403e-001	-4.971e-005	-5.989e-005	0.24032
37.778	2	-1.226e+003	-2.558e+004	+1.998e+003	-3.413e-001	-6.921e-005	-7.409e-005	0.34135
37.778	3	-9.321e+002	-1.912e+004	+8.226e+002	-2.554e-001	-5.350e-005	-5.915e-005	0.25539
37.778	4	-8.854e+002	-1.786e+004	+3.315e+001	-2.457e-001	-5.006e-005	-5.875e-005	0.24570
37.778	5	-8.725e+002	-1.737e+004	-4.775e+002	-2.403e-001	-4.971e-005	-5.989e-005	0.24032
37.778	7	-9.537e+002	-2.021e+004	+2.215e+003	-2.694e-001	-5.300e-005	-5.494e-005	0.26940
75.556	1	-6.075e+002	-1.737e+004	+2.247e+004	-2.380e-001	-4.158e-005	-5.517e-005	0.23802
75.556	2	-8.269e+002	-2.558e+004	+3.324e+004	-3.385e-001	-5.723e-005	-6.652e-005	0.33852
75.556	3	-6.386e+002	-1.912e+004	+2.495e+004	-2.531e-001	-4.455e-005	-5.362e-005	0.25313
75.556	4	-6.101e+002	-1.786e+004	+2.308e+004	-2.435e-001	-4.169e-005	-5.378e-005	0.24345
75.556	5	-6.075e+002	-1.737e+004	+2.247e+004	-2.380e-001	-4.158e-005	-5.517e-005	0.23802
75.556	7	-6.337e+002	-2.021e+004	+2.615e+004	-2.673e-001	-4.353e-005	-4.885e-005	0.26731
113.333	1	+3.468e+002	+1.737e+004	-3.557e+004	-2.361e-001	-3.344e-005	-4.271e-005	0.23610
113.333	2	+4.330e+002	+2.558e+004	-4.960e+004	-3.363e-001	-4.525e-005	-4.875e-005	0.33626
113.333	3	+3.494e+002	+1.912e+004	-3.815e+004	-2.513e-001	-3.559e-005	-4.008e-005	0.25129
113.333	4	+3.392e+002	+1.786e+004	-3.590e+004	-2.416e-001	-3.333e-005	-4.113e-005	0.24159
113.333	5	+3.468e+002	+1.737e+004	-3.557e+004	-2.361e-001	-3.344e-005	-4.271e-005	0.23610
113.333	7	+3.176e+002	+2.021e+004	-3.815e+004	-2.657e-001	-3.406e-005	-3.504e-005	0.26566

TRAVE NUMERO: 6 - LUNGHEZZA: 113.33

Dist.	c.c.	Fy	Mx	Mz	Spost.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	1	-9.402e+002	-1.535e+004	-5.467e+004	-2.352e-001	-5.456e-005	-2.740e-006	0.23521
0.000	2	-1.372e+003	-2.286e+004	-8.018e+004	-3.372e-001	-7.686e-005	+1.614e-006	0.33724
0.000	3	-1.032e+003	-1.719e+004	-6.040e+004	-2.515e-001	-5.962e-005	-1.178e-007	0.25149
0.000	4	-9.629e+002	-1.577e+004	-5.601e+004	-2.411e-001	-5.495e-005	-1.750e-006	0.24111
0.000	5	-9.402e+002	-1.535e+004	-5.467e+004	-2.352e-001	-5.456e-005	-2.740e-006	0.23521
0.000	7	-1.077e+003	-1.795e+004	-6.289e+004	-2.669e-001	-5.865e-005	+2.532e-006	0.26694
37.778	1	-9.402e+002	-1.535e+004	-1.915e+004	-2.346e-001	-4.737e-005	-1.859e-005	0.23461
37.778	2	-1.372e+003	-2.286e+004	-2.836e+004	-3.366e-001	-6.616e-005	-2.168e-005	0.33658
37.778	3	-1.032e+003	-1.719e+004	-2.141e+004	-2.509e-001	-5.157e-005	-1.768e-005	0.25094
37.778	4	-9.629e+002	-1.577e+004	-1.963e+004	-2.405e-001	-4.757e-005	-1.798e-005	0.24054
37.778	5	-9.402e+002	-1.535e+004	-1.915e+004	-2.346e-001	-4.737e-005	-1.859e-005	0.23461
37.778	7	-1.077e+003	-1.795e+004	-2.220e+004	-2.665e-001	-5.025e-005	-1.573e-005	0.26647
75.556	1	-6.859e+002	-1.535e+004	+6.763e+003	-2.337e-001	-4.018e-005	-2.124e-005	0.23372
75.556	2	-9.815e+002	-2.286e+004	+8.718e+003	-3.355e-001	-5.545e-005	-2.590e-005	0.33548
75.556	3	-7.469e+002	-1.719e+004	+6.805e+003	-2.501e-001	-4.351e-005	-2.081e-005	0.25006
75.556	4	-6.975e+002	-1.577e+004	+6.720e+003	-2.397e-001	-4.018e-005	-2.076e-005	0.23966
75.556	5	-6.859e+002	-1.535e+004	+6.763e+003	-2.337e-001	-4.018e-005	-2.124e-005	0.23372
75.556	7	-7.626e+002	-1.795e+004	+6.613e+003	-2.657e-001	-4.184e-005	-1.908e-005	0.26566
113.333	1	+4.334e+002	+1.535e+004	-2.313e+004	-2.330e-001	-3.300e-005	-1.483e-005	0.23295
113.333	2	+5.933e+002	+2.286e+004	-3.113e+004	-3.345e-001	-4.474e-005	-1.735e-005	0.33454
113.333	3	+4.635e+002	+1.719e+004	-2.431e+004	-2.493e-001	-3.546e-005	-1.414e-005	0.24931
113.333	4	+4.337e+002	+1.577e+004	-2.310e+004	-2.389e-001	-3.280e-005	-1.435e-005	0.23891
113.333	5	+4.334e+002	+1.535e+004	-2.313e+004	-2.330e-001	-3.300e-005	-1.483e-005	0.23295
113.333	7	+4.497e+002	+1.795e+004	-2.360e+004	-2.650e-001	-3.343e-005	-1.259e-005	0.26497

TRAVE NUMERO: 7 - LUNGHEZZA: 113.33

Dist.	c.c.	Fy	Mx	Mz	Spost.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	1	-9.535e+002	-1.567e+004	-5.770e+004	-2.351e-001	-5.507e-005	+4.571e-011	0.23512
0.000	2	-1.403e+003	-2.323e+004	-8.556e+004	-3.381e-001	-7.758e-005	+7.354e-011	0.33813
0.000	3	-1.053e+003	-1.753e+004	-6.425e+004	-2.519e-001	-6.023e-005	+5.603e-011	0.25192
0.000	4	-9.786e+002	-1.607e+004	-5.928e+004	-2.412e-001	-5.545e-005	+4.726e-011	0.24121
0.000	5	-9.535e+002	-1.567e+004	-5.770e+004	-2.351e-001	-5.507e-005	+4.571e-011	0.23512
0.000	7	-1.104e+003	-1.819e+004	-6.730e+004	-2.679e-001	-5.915e-005	+5.708e-011	0.26787
37.778	1	-9.535e+002	-1.567e+004	-2.168e+004	-2.346e-001	-4.773e-005	-1.704e-005	0.23460
37.778	2	-1.403e+003	-2.323e+004	-3.257e+004	-3.374e-001	-6.670e-005	-2.536e-005	0.33736
37.778	3	-1.053e+003	-1.753e+004	-2.448e+004	-2.513e-001	-5.202e-005	-1.905e-005	0.25134
37.778	4	-9.786e+002	-1.607e+004	-2.231e+004	-2.407e-001	-4.792e-005	-1.751e-005	0.24067
37.778	5	-9.535e+002	-1.567e+004	-2.168e+004	-2.346e-001	-4.773e-005	-1.704e-005	0.23460
37.778	7	-1.104e+003	-1.819e+004	-2.560e+004	-2.673e-001	-5.063e-005	-1.994e-005	0.26727
75.556	1	-6.992e+002	-1.567e+004	+4.737e+003	-2.337e-001	-4.039e-005	-2.067e-005	0.23374
75.556	2	-1.011e+003	-2.323e+004	+5.615e+003	-3.361e-001	-5.581e-005	-3.114e-005	0.33609
75.556	3	-7.669e+002	-1.753e+004	+4.488e+003	-2.504e-001	-4.381e-005	-2.334e-005	0.25039
75.556	4	-7.129e+002	-1.607e+004	+4.623e+003	-2.398e-001	-4.039e-005	-2.131e-005	0.23979
75.556	5	-6.992e+002	-1.567e+004	+4.737e+003	-2.337e-001	-4.039e-005	-2.067e-005	0.23374

Dist.	c.c.	Fy	Mx	Mz	Spost.Z	Rotaz.X	Rotaz.Y	Press. Suolo
75.556	7	-7.878e+002	-1.819e+004	+4.158e+003	-2.663e-001	-4.210e-005	-2.454e-005	0.26627
113.333	1	+4.466e+002	+1.567e+004	-2.161e+004	-2.330e-001	-3.305e-005	-1.502e-005	0.23298
113.333	2	+6.216e+002	+2.323e+004	-2.910e+004	-3.349e-001	-4.493e-005	-2.369e-005	0.33493
113.333	3	+4.828e+002	+1.753e+004	-2.273e+004	-2.495e-001	-3.559e-005	-1.750e-005	0.24952
113.333	4	+4.488e+002	+1.607e+004	-2.158e+004	-2.390e-001	-3.287e-005	-1.569e-005	0.23900
113.333	5	+4.466e+002	+1.567e+004	-2.161e+004	-2.330e-001	-3.305e-005	-1.502e-005	0.23298
113.333	7	+4.737e+002	+1.819e+004	-2.205e+004	-2.654e-001	-3.358e-005	-1.892e-005	0.26535

TRAVE NUMERO: 8 - LUNGHEZZA: 113.33

Dist.	c.c.	Fy	Mx	Mz	Spost.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	1	-9.830e+002	-1.578e+004	-5.161e+004	-2.352e-001	-5.456e-005	+2.740e-006	0.23521
0.000	2	-1.456e+003	-2.326e+004	-7.948e+004	-3.372e-001	-7.686e-005	-1.613e-006	0.33724
0.000	3	-1.090e+003	-1.764e+004	-5.899e+004	-2.515e-001	-5.962e-005	+1.184e-007	0.25149
0.000	4	-1.011e+003	-1.614e+004	-5.358e+004	-2.411e-001	-5.495e-005	+1.750e-006	0.24111
0.000	5	-9.830e+002	-1.578e+004	-5.161e+004	-2.352e-001	-5.456e-005	+2.740e-006	0.23521
0.000	7	-1.148e+003	-1.814e+004	-6.319e+004	-2.669e-001	-5.865e-005	-2.532e-006	0.26694
37.778	1	-9.830e+002	-1.578e+004	-1.447e+004	-2.348e-001	-4.717e-005	-1.144e-005	0.23484
37.778	2	-1.456e+003	-2.326e+004	-2.449e+004	-3.365e-001	-6.597e-005	-2.393e-005	0.33646
37.778	3	-1.090e+003	-1.764e+004	-1.779e+004	-2.510e-001	-5.136e-005	-1.636e-005	0.25096
37.778	4	-1.011e+003	-1.614e+004	-1.540e+004	-2.407e-001	-4.739e-005	-1.306e-005	0.24069
37.778	5	-9.830e+002	-1.578e+004	-1.447e+004	-2.348e-001	-4.717e-005	-1.144e-005	0.23484
37.778	7	-1.148e+003	-1.814e+004	-1.983e+004	-2.663e-001	-5.016e-005	-2.035e-005	0.26628
75.556	1	-7.283e+002	-1.578e+004	+1.304e+004	-2.343e-001	-3.978e-005	-1.175e-005	0.23426
75.556	2	-1.066e+003	-2.326e+004	+1.577e+004	-3.353e-001	-5.507e-005	-2.580e-005	0.33530
75.556	3	-8.053e+002	-1.764e+004	+1.264e+004	-2.502e-001	-4.310e-005	-1.747e-005	0.25016
75.556	4	-7.449e+002	-1.614e+004	+1.275e+004	-2.400e-001	-3.983e-005	-1.363e-005	0.24003
75.556	5	-7.283e+002	-1.578e+004	+1.304e+004	-2.343e-001	-3.978e-005	-1.175e-005	0.23426
75.556	7	-8.335e+002	-1.814e+004	+1.166e+004	-2.653e-001	-4.166e-005	-2.211e-005	0.26530
113.333	1	+4.747e+002	+1.578e+004	-3.097e+004	-2.339e-001	-3.239e-005	-2.305e-006	0.23389
113.333	2	+6.779e+002	+2.326e+004	-4.138e+004	-3.344e-001	-4.417e-005	-1.354e-005	0.33442
113.333	3	+5.217e+002	+1.764e+004	-3.234e+004	-2.496e-001	-3.484e-005	-7.816e-006	0.24957
113.333	4	+4.804e+002	+1.614e+004	-3.089e+004	-2.396e-001	-3.228e-005	-4.260e-006	0.23959
113.333	5	+4.747e+002	+1.578e+004	-3.097e+004	-2.339e-001	-3.239e-005	-2.305e-006	0.23389
113.333	7	+5.212e+002	+1.814e+004	-3.134e+004	-2.645e-001	-3.317e-005	-1.288e-005	0.26454

TRAVE NUMERO: 9 - LUNGHEZZA: 100.00

Dist.	c.c.	Fy	Mx	Mz	Spost.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	1	-6.380e+002	-9.393e+003	+1.437e+003	-2.426e-001	+5.784e-005	-5.261e-005	0.24262
0.000	2	-9.230e+002	-1.530e+004	+1.406e+003	-3.442e-001	+8.120e-005	-6.500e-005	0.34423
0.000	3	-6.934e+002	-1.099e+004	+1.596e+003	-2.577e-001	+6.246e-005	-5.195e-005	0.25768
0.000	4	-6.530e+002	-9.972e+003	+1.206e+003	-2.480e-001	+5.842e-005	-5.158e-005	0.24797
0.000	5	-6.380e+002	-9.393e+003	+1.437e+003	-2.426e-001	+5.784e-005	-5.261e-005	0.24262
0.000	7	-7.257e+002	-1.251e+004	+5.928e+002	-2.715e-001	+6.246e-005	-4.815e-005	0.27155
33.333	1	-6.380e+002	-9.393e+003	+2.270e+004	-2.407e-001	+5.327e-005	-4.873e-005	0.24066
33.333	2	-9.230e+002	-1.530e+004	+3.217e+004	-3.415e-001	+7.484e-005	-5.868e-005	0.34147
33.333	3	-6.934e+002	-1.099e+004	+2.471e+004	-2.556e-001	+5.748e-005	-4.740e-005	0.25556
33.333	4	-6.530e+002	-9.972e+003	+2.297e+004	-2.460e-001	+5.384e-005	-4.746e-005	0.24599
33.333	5	-6.380e+002	-9.393e+003	+2.270e+004	-2.407e-001	+5.327e-005	-4.873e-005	0.24066
33.333	7	-7.257e+002	-1.251e+004	+2.478e+004	-2.694e-001	+5.766e-005	-4.298e-005	0.26942
66.667	1	-4.036e+002	-9.393e+003	+3.616e+004	-2.390e-001	+4.212e-005	-4.485e-005	0.23900
66.667	2	-5.705e+002	-1.530e+004	+5.119e+004	-3.391e-001	+5.905e-005	-5.235e-005	0.33914
66.667	3	-4.342e+002	-1.099e+004	+3.918e+004	-2.538e-001	+4.537e-005	-4.286e-005	0.25378
66.667	4	-4.097e+002	-9.972e+003	+3.663e+004	-2.443e-001	+4.255e-005	-4.334e-005	0.24431
66.667	5	-4.036e+002	-9.393e+003	+3.616e+004	-2.390e-001	+4.212e-005	-4.485e-005	0.23900
66.667	7	-4.433e+002	-1.251e+004	+3.956e+004	-2.676e-001	+4.547e-005	-3.781e-005	0.26763
100.000	1	+1.719e+002	+9.393e+003	-4.189e+004	-2.378e-001	+2.734e-005	-4.097e-005	0.23781
100.000	2	+2.220e+002	+1.530e+004	-5.859e+004	-3.375e-001	+3.826e-005	-4.603e-005	0.33748
100.000	3	+1.779e+002	+1.099e+004	-4.511e+004	-2.525e-001	+2.941e-005	-3.832e-005	0.25250
100.000	4	+1.692e+002	+9.972e+003	-4.227e+004	-2.431e-001	+2.761e-005	-3.922e-005	0.24311
100.000	5	+1.719e+002	+9.393e+003	-4.189e+004	-2.378e-001	+2.734e-005	-4.097e-005	0.23781
100.000	7	+1.640e+002	+1.251e+004	-4.503e+004	-2.664e-001	+2.945e-005	-3.264e-005	0.26635

TRAVE NUMERO: 10 - LUNGHEZZA: 100.00

Dist.	c.c.	Fy	Mx	Mz	Spost.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	1	-6.380e+002	+9.393e+003	+1.436e+003	-2.426e-001	+5.784e-005	+5.261e-005	0.24262
0.000	2	-9.230e+002	+1.530e+004	+1.406e+003	-3.442e-001	+8.120e-005	+6.500e-005	0.34423
0.000	3	-6.935e+002	+1.099e+004	+1.595e+003	-2.577e-001	+6.246e-005	+5.195e-005	0.25768
0.000	4	-6.530e+002	+9.972e+003	+1.206e+003	-2.480e-001	+5.842e-005	+5.158e-005	0.24797
0.000	5	-6.380e+002	+9.393e+003	+1.436e+003	-2.426e-001	+5.784e-005	+5.261e-005	0.24262
0.000	7	-7.257e+002	+1.251e+004	+5.927e+002	-2.715e-001	+6.246e-005	+4.815e-005	0.27155
33.333	1	-6.380e+002	+9.393e+003	+2.270e+004	-2.407e-001	+5.327e-005	+4.873e-005	0.24066
33.333	2	-9.230e+002	+1.530e+004	+3.217e+004	-3.415e-001	+7.484e-005	+5.868e-005	0.34147
33.333	3	-6.935e+002	+1.099e+004	+2.471e+004	-2.556e-001	+5.748e-005	+4.740e-005	0.25556
33.333	4	-6.530e+002	+9.972e+003	+2.297e+004	-2.460e-001	+5.384e-005	+4.746e-005	0.24599
33.333	5	-6.380e+002	+9.393e+003	+2.270e+004	-2.407e-001	+5.327e-005	+4.873e-005	0.24066
33.333	7	-7.257e+002	+1.251e+004	+2.478e+004	-2.694e-001	+5.766e-005	+4.298e-005	0.26942

Dist.	c.c.	Fy	Mx	Mz	Spost.Z	Rotaz.X	Rotaz.Y	Press. Suolo
66.667	1	-4.036e+002	+9.393e+003	+3.616e+004	-2.390e-001	+4.212e-005	+4.485e-005	0.23900
66.667	2	-5.705e+002	+1.530e+004	+5.119e+004	-3.391e-001	+5.905e-005	+5.235e-005	0.33914
66.667	3	-4.342e+002	+1.099e+004	+3.918e+004	-2.538e-001	+4.537e-005	+4.286e-005	0.25378
66.667	4	-4.097e+002	+9.972e+003	+3.663e+004	-2.443e-001	+4.255e-005	+4.334e-005	0.24431
66.667	5	-4.036e+002	+9.393e+003	+3.616e+004	-2.390e-001	+4.212e-005	+4.485e-005	0.23900
66.667	7	-4.433e+002	+1.251e+004	+3.956e+004	-2.676e-001	+4.547e-005	+3.781e-005	0.26763
100.000	1	+1.719e+002	-9.393e+003	-4.189e+004	-2.378e-001	+2.734e-005	+4.096e-005	0.23781
100.000	2	+2.220e+002	-1.530e+004	-5.859e+004	-3.375e-001	+3.826e-005	+4.603e-005	0.33748
100.000	3	+1.779e+002	-1.099e+004	-4.511e+004	-2.525e-001	+2.941e-005	+3.831e-005	0.25250
100.000	4	+1.692e+002	-9.972e+003	-4.227e+004	-2.431e-001	+2.761e-005	+3.921e-005	0.24311
100.000	5	+1.719e+002	-9.393e+003	-4.189e+004	-2.378e-001	+2.734e-005	+4.096e-005	0.23781
100.000	7	+1.640e+002	-1.251e+004	-4.503e+004	-2.664e-001	+2.945e-005	+3.264e-005	0.26635

TRAVE NUMERO: 11 - LUNGHEZZA: 100.00

Dist.	c.c.	Fy	Mx	Mz	Spost.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	1	-2.286e+002	-4.332e-003	+4.304e+004	-2.378e-001	+2.734e-005	+4.096e-005	0.23781
0.000	2	-3.443e+002	-6.155e-003	+5.968e+004	-3.375e-001	+3.826e-005	+4.603e-005	0.33748
0.000	3	-2.530e+002	-4.594e-003	+4.614e+004	-2.525e-001	+2.941e-005	+3.831e-005	0.25250
0.000	4	-2.374e+002	-4.434e-003	+4.332e+004	-2.431e-001	+2.761e-005	+3.921e-005	0.24311
0.000	5	-2.286e+002	-4.332e-003	+4.304e+004	-2.378e-001	+2.734e-005	+4.096e-005	0.23781
0.000	7	-2.761e+002	-4.868e-003	+4.570e+004	-2.664e-001	+2.945e-005	+3.264e-005	0.26635
33.333	1	-2.286e+002	-4.332e-003	+5.066e+004	-2.372e-001	+9.596e-006	+4.096e-005	0.23716
33.333	2	-3.443e+002	-6.155e-003	+7.116e+004	-3.366e-001	+1.348e-005	+4.603e-005	0.33656
33.333	3	-2.530e+002	-4.594e-003	+5.457e+004	-2.518e-001	+1.034e-005	+3.831e-005	0.25179
33.333	4	-2.374e+002	-4.434e-003	+5.123e+004	-2.424e-001	+9.704e-006	+3.921e-005	0.24245
33.333	5	-2.286e+002	-4.332e-003	+5.066e+004	-2.372e-001	+9.596e-006	+4.096e-005	0.23716
33.333	7	-2.761e+002	-4.868e-003	+5.490e+004	-2.656e-001	+1.040e-005	+3.264e-005	0.26564
66.667	1	+2.286e+002	-4.332e-003	+5.066e+004	-2.372e-001	-9.595e-006	+4.096e-005	0.23716
66.667	2	+3.443e+002	-6.155e-003	+7.116e+004	-3.366e-001	-1.348e-005	+4.603e-005	0.33656
66.667	3	+2.530e+002	-4.594e-003	+5.457e+004	-2.518e-001	-1.034e-005	+3.831e-005	0.25179
66.667	4	+2.374e+002	-4.434e-003	+5.123e+004	-2.424e-001	-9.703e-006	+3.921e-005	0.24245
66.667	5	+2.286e+002	-4.332e-003	+5.066e+004	-2.372e-001	-9.595e-006	+4.096e-005	0.23716
66.667	7	+2.761e+002	-4.868e-003	+5.490e+004	-2.656e-001	-1.040e-005	+3.264e-005	0.26564
100.000	1	-2.286e+002	+4.332e-003	-4.304e+004	-2.378e-001	-2.734e-005	+4.096e-005	0.23781
100.000	2	-3.443e+002	+6.155e-003	-5.968e+004	-3.375e-001	-3.826e-005	+4.603e-005	0.33748
100.000	3	-2.530e+002	+4.594e-003	-4.614e+004	-2.525e-001	-2.941e-005	+3.831e-005	0.25250
100.000	4	-2.374e+002	+4.434e-003	-4.332e+004	-2.431e-001	-2.761e-005	+3.921e-005	0.24311
100.000	5	-2.286e+002	+4.332e-003	-4.304e+004	-2.378e-001	-2.734e-005	+4.096e-005	0.23781
100.000	7	-2.761e+002	+4.868e-003	-4.570e+004	-2.664e-001	-2.945e-005	+3.264e-005	0.26635

TRAVE NUMERO: 12 - LUNGHEZZA: 100.00

Dist.	c.c.	Fy	Mx	Mz	Spost.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	1	+1.719e+002	-9.393e+003	+4.189e+004	-2.378e-001	-2.734e-005	+4.096e-005	0.23781
0.000	2	+2.220e+002	-1.530e+004	+5.859e+004	-3.375e-001	-3.826e-005	+4.603e-005	0.33748
0.000	3	+1.779e+002	-1.099e+004	+4.511e+004	-2.525e-001	-2.941e-005	+3.831e-005	0.25250
0.000	4	+1.692e+002	-9.972e+003	+4.227e+004	-2.431e-001	-2.761e-005	+3.921e-005	0.24311
0.000	5	+1.719e+002	-9.393e+003	+4.189e+004	-2.378e-001	-2.734e-005	+4.096e-005	0.23781
0.000	7	+1.640e+002	-1.251e+004	+4.503e+004	-2.664e-001	-2.945e-005	+3.264e-005	0.26635
33.333	1	+4.036e+002	-9.393e+003	+3.616e+004	-2.390e-001	-4.212e-005	+4.485e-005	0.23900
33.333	2	+5.705e+002	-1.530e+004	+5.119e+004	-3.391e-001	-5.905e-005	+5.235e-005	0.33914
33.333	3	+4.342e+002	-1.099e+004	+3.918e+004	-2.538e-001	-4.537e-005	+4.286e-005	0.25378
33.333	4	+4.097e+002	-9.972e+003	+3.663e+004	-2.443e-001	-4.255e-005	+4.334e-005	0.24431
33.333	5	+4.036e+002	-9.393e+003	+3.616e+004	-2.390e-001	-4.212e-005	+4.485e-005	0.23900
33.333	7	+4.433e+002	-1.251e+004	+3.956e+004	-2.676e-001	-4.547e-005	+3.781e-005	0.26763
66.667	1	+6.380e+002	-9.393e+003	+2.270e+004	-2.407e-001	-5.327e-005	+4.873e-005	0.24066
66.667	2	+9.230e+002	-1.530e+004	+3.217e+004	-3.415e-001	-7.484e-005	+5.868e-005	0.34147
66.667	3	+6.935e+002	-1.099e+004	+2.471e+004	-2.556e-001	-5.748e-005	+4.740e-005	0.25556
66.667	4	+6.530e+002	-9.972e+003	+2.297e+004	-2.460e-001	-5.384e-005	+4.746e-005	0.24599
66.667	5	+6.380e+002	-9.393e+003	+2.270e+004	-2.407e-001	-5.327e-005	+4.873e-005	0.24066
66.667	7	+7.257e+002	-1.251e+004	+2.478e+004	-2.694e-001	-5.766e-005	+4.298e-005	0.26942
100.000	1	-6.380e+002	+9.393e+003	-1.436e+003	-2.426e-001	-5.784e-005	+5.261e-005	0.24262
100.000	2	-9.230e+002	+1.530e+004	-1.406e+003	-3.442e-001	-8.120e-005	+6.500e-005	0.34423
100.000	3	-6.935e+002	+1.099e+004	-1.596e+003	-2.577e-001	-6.246e-005	+5.195e-005	0.25768
100.000	4	-6.530e+002	+9.972e+003	-1.206e+003	-2.480e-001	-5.842e-005	+5.158e-005	0.24797
100.000	5	-6.380e+002	+9.393e+003	-1.436e+003	-2.426e-001	-5.784e-005	+5.261e-005	0.24262
100.000	7	-7.257e+002	+1.251e+004	-5.927e+002	-2.715e-001	-6.246e-005	+4.815e-005	0.27155

TRAVE NUMERO: 13 - LUNGHEZZA: 100.00

Dist.	c.c.	Fy	Mx	Mz	Spost.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	1	-2.286e+002	+1.852e-003	+4.304e+004	-2.378e-001	+2.734e-005	-4.097e-005	0.23781
0.000	2	-3.443e+002	+2.473e-003	+5.968e+004	-3.375e-001	+3.826e-005	-4.603e-005	0.33748
0.000	3	-2.530e+002	+1.893e-003	+4.614e+004	-2.525e-001	+2.941e-005	-3.832e-005	0.25250
0.000	4	-2.374e+002	+1.861e-003	+4.332e+004	-2.431e-001	+2.761e-005	-3.922e-005	0.24311
0.000	5	-2.286e+002	+1.852e-003	+4.304e+004	-2.378e-001	+2.734e-005	-4.097e-005	0.23781
0.000	7	-2.761e+002	+1.911e-003	+4.570e+004	-2.664e-001	+2.945e-005	-3.264e-005	0.26635
33.333	1	-2.286e+002	+1.852e-003	+5.066e+004	-2.372e-001	+9.595e-006	-4.097e-005	0.23716

Dist.	c.c.	Fy	Mx	Mz	Spost.Z	Rotaz.X	Rotaz.Y	Press. Suolo
33.333	2	-3.443e+002	+2.473e-003	+7.116e+004	-3.366e-001	+1.348e-005	-4.603e-005	0.33656
33.333	3	-2.530e+002	+1.893e-003	+5.457e+004	-2.518e-001	+1.034e-005	-3.832e-005	0.25179
33.333	4	-2.374e+002	+1.861e-003	+5.123e+004	-2.424e-001	+9.703e-006	-3.922e-005	0.24245
33.333	5	-2.286e+002	+1.852e-003	+5.066e+004	-2.372e-001	+9.595e-006	-4.097e-005	0.23716
33.333	7	-2.761e+002	+1.911e-003	+5.490e+004	-2.656e-001	+1.040e-005	-3.264e-005	0.26564
66.667	1	+2.286e+002	+1.852e-003	+5.066e+004	-2.372e-001	-9.595e-006	-4.097e-005	0.23716
66.667	2	+3.443e+002	+2.473e-003	+7.116e+004	-3.366e-001	-1.348e-005	-4.603e-005	0.33656
66.667	3	+2.530e+002	+1.893e-003	+5.457e+004	-2.518e-001	-1.034e-005	-3.832e-005	0.25179
66.667	4	+2.374e+002	+1.861e-003	+5.123e+004	-2.424e-001	-9.703e-006	-3.922e-005	0.24245
66.667	5	+2.286e+002	+1.852e-003	+5.066e+004	-2.372e-001	-9.595e-006	-4.097e-005	0.23716
66.667	7	+2.761e+002	+1.911e-003	+5.490e+004	-2.656e-001	-1.040e-005	-3.264e-005	0.26564
100.000	1	-2.286e+002	-1.852e-003	-4.304e+004	-2.378e-001	-2.734e-005	-4.097e-005	0.23781
100.000	2	-3.443e+002	-2.473e-003	-5.968e+004	-3.375e-001	-3.826e-005	-4.603e-005	0.33748
100.000	3	-2.530e+002	-1.893e-003	-4.614e+004	-2.525e-001	-2.941e-005	-3.832e-005	0.25250
100.000	4	-2.374e+002	-1.861e-003	-4.332e+004	-2.431e-001	-2.761e-005	-3.922e-005	0.24311
100.000	5	-2.286e+002	-1.852e-003	-4.304e+004	-2.378e-001	-2.734e-005	-4.097e-005	0.23781
100.000	7	-2.761e+002	-1.911e-003	-4.570e+004	-2.664e-001	-2.945e-005	-3.264e-005	0.26635

**TRAVE NUMERO: 14 - LUNGHEZZA: 100.00**

Dist.	c.c.	Fy	Mx	Mz	Spost.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	1	+1.719e+002	+9.393e+003	+4.189e+004	-2.378e-001	-2.734e-005	-4.097e-005	0.23781
0.000	2	+2.220e+002	+1.530e+004	+5.859e+004	-3.375e-001	-3.826e-005	-4.603e-005	0.33748
0.000	3	+1.779e+002	+1.099e+004	+4.511e+004	-2.525e-001	-2.941e-005	-3.832e-005	0.25250
0.000	4	+1.692e+002	+9.972e+003	+4.227e+004	-2.431e-001	-2.761e-005	-3.922e-005	0.24311
0.000	5	+1.719e+002	+9.393e+003	+4.189e+004	-2.378e-001	-2.734e-005	-4.097e-005	0.23781
0.000	7	+1.640e+002	+1.251e+004	+4.503e+004	-2.664e-001	-2.945e-005	-3.264e-005	0.26635
33.333	1	+4.036e+002	+9.393e+003	+3.616e+004	-2.390e-001	-4.212e-005	-4.485e-005	0.23900
33.333	2	+5.705e+002	+1.530e+004	+5.119e+004	-3.391e-001	-5.905e-005	-5.235e-005	0.33914
33.333	3	+4.342e+002	+1.099e+004	+3.918e+004	-2.538e-001	-4.537e-005	-4.286e-005	0.25378
33.333	4	+4.097e+002	+9.972e+003	+3.663e+004	-2.443e-001	-4.255e-005	-4.334e-005	0.24431
33.333	5	+4.036e+002	+9.393e+003	+3.616e+004	-2.390e-001	-4.212e-005	-4.485e-005	0.23900
33.333	7	+4.433e+002	+1.251e+004	+3.956e+004	-2.676e-001	-4.547e-005	-3.781e-005	0.26762
66.667	1	+6.380e+002	+9.393e+003	+2.270e+004	-2.407e-001	-5.327e-005	-4.873e-005	0.24066
66.667	2	+9.230e+002	+1.530e+004	+3.217e+004	-3.415e-001	-7.484e-005	-5.868e-005	0.34147
66.667	3	+6.934e+002	+1.099e+004	+2.471e+004	-2.556e-001	-5.748e-005	-4.740e-005	0.25556
66.667	4	+6.530e+002	+9.972e+003	+2.297e+004	-2.460e-001	-5.384e-005	-4.746e-005	0.24599
66.667	5	+6.380e+002	+9.393e+003	+2.270e+004	-2.407e-001	-5.327e-005	-4.873e-005	0.24066
66.667	7	+7.257e+002	+1.251e+004	+2.478e+004	-2.694e-001	-5.766e-005	-4.298e-005	0.26942
100.000	1	-6.380e+002	-9.393e+003	-1.437e+003	-2.426e-001	-5.784e-005	-5.261e-005	0.24262
100.000	2	-9.230e+002	-1.530e+004	-1.406e+003	-3.442e-001	-8.120e-005	-6.500e-005	0.34423
100.000	3	-6.934e+002	-1.099e+004	-1.596e+003	-2.577e-001	-6.246e-005	-5.195e-005	0.25768
100.000	4	-6.530e+002	-9.972e+003	-1.206e+003	-2.480e-001	-5.842e-005	-5.158e-005	0.24797
100.000	5	-6.380e+002	-9.393e+003	-1.437e+003	-2.426e-001	-5.784e-005	-5.261e-005	0.24262
100.000	7	-7.257e+002	-1.251e+004	-5.929e+002	-2.715e-001	-6.246e-005	-4.815e-005	0.27155

**TRAVE NUMERO: 15 - LUNGHEZZA: 113.33**

Dist.	c.c.	Fy	Mx	Mz	Spost.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	1	-2.993e+002	+7.475e+002	+2.597e+004	-2.339e-001	-3.239e-005	-2.305e-006	0.23389
0.000	2	-4.705e+002	+7.666e+002	+3.384e+004	-3.344e-001	-4.417e-005	-1.354e-005	0.33442
0.000	3	-3.424e+002	+5.392e+002	+2.668e+004	-2.496e-001	-3.484e-005	-7.816e-006	0.24957
0.000	4	-3.142e+002	+7.461e+002	+2.574e+004	-2.396e-001	-3.228e-005	-4.260e-006	0.23959
0.000	5	-2.993e+002	+7.475e+002	+2.597e+004	-2.339e-001	-3.239e-005	-2.305e-006	0.23389
0.000	7	-3.805e+002	+6.377e+002	+2.542e+004	-2.645e-001	-3.317e-005	-1.288e-005	0.26454
37.778	1	-2.993e+002	+7.475e+002	+3.728e+004	-2.340e-001	-3.274e-005	+1.127e-005	0.23400
37.778	2	-4.705e+002	+7.666e+002	+5.162e+004	-3.342e-001	-4.453e-005	+4.808e-006	0.33416
37.778	3	-3.424e+002	+5.392e+002	+3.961e+004	-2.495e-001	-3.509e-005	+6.414e-006	0.24947
37.778	4	-3.142e+002	+7.461e+002	+3.761e+004	-2.396e-001	-3.263e-005	+9.341e-006	0.23963
37.778	5	-2.993e+002	+7.475e+002	+3.728e+004	-2.340e-001	-3.274e-005	+1.127e-005	0.23400
37.778	7	-3.805e+002	+6.377e+002	+3.979e+004	-2.642e-001	-3.346e-005	+1.119e-006	0.26424
75.556	1	+2.083e+002	+7.475e+002	+3.902e+004	-2.347e-001	-3.309e-005	+2.765e-005	0.23473
75.556	2	+3.019e+002	+7.666e+002	+5.482e+004	-3.347e-001	-4.489e-005	+2.766e-005	0.33475
75.556	3	+2.233e+002	+5.392e+002	+4.189e+004	-2.500e-001	-3.534e-005	+2.391e-005	0.25003
75.556	4	+2.145e+002	+7.461e+002	+3.952e+004	-2.403e-001	-3.298e-005	+2.590e-005	0.24028
75.556	5	+2.083e+002	+7.475e+002	+3.902e+004	-2.347e-001	-3.309e-005	+2.765e-005	0.23473
75.556	7	+2.407e+002	+6.377e+002	+4.245e+004	-2.646e-001	-3.376e-005	+1.877e-005	0.26460
113.333	1	-2.083e+002	-7.475e+002	-3.115e+004	-2.361e-001	-3.344e-005	+4.271e-005	0.23610
113.333	2	-3.019e+002	-7.666e+002	-4.342e+004	-3.363e-001	-4.525e-005	+4.875e-005	0.33626
113.333	3	-2.233e+002	-5.392e+002	-3.345e+004	-2.513e-001	-3.559e-005	+4.008e-005	0.25129
113.333	4	-2.145e+002	-7.461e+002	-3.142e+004	-2.416e-001	-3.333e-005	+4.113e-005	0.24159
113.333	5	-2.083e+002	-7.475e+002	-3.115e+004	-2.361e-001	-3.344e-005	+4.271e-005	0.23610
113.333	7	-2.407e+002	-6.377e+002	-3.335e+004	-2.657e-001	-3.406e-005	+3.504e-005	0.26566

**TRAVE NUMERO: 16 - LUNGHEZZA: 113.33**

Dist.	c.c.	Fy	Mx	Mz	Spost.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	1	+3.467e+002	+1.737e+004	+3.557e+004	-2.361e-001	-3.344e-005	+4.271e-005	0.23610
0.000	2	+4.330e+002	+2.558e+004	+4.959e+004	-3.363e-001	-4.525e-005	+4.875e-005	0.33626

Dist.	c.c.	Fy	Mx	Mz	Spост.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	3	+3.493e+002	+1.912e+004	+3.815e+004	-2.513e-001	-3.559e-005	+4.008e-005	0.25129
0.000	4	+3.391e+002	+1.786e+004	+3.589e+004	-2.416e-001	-3.333e-005	+4.113e-005	0.24159
0.000	5	+3.467e+002	+1.737e+004	+3.557e+004	-2.361e-001	-3.344e-005	+4.271e-005	0.23610
0.000	7	+3.176e+002	+2.021e+004	+3.815e+004	-2.657e-001	-3.406e-005	+3.504e-005	0.26566
37.778	1	+6.075e+002	+1.737e+004	+2.247e+004	-2.380e-001	-4.157e-005	+5.517e-005	0.23802
37.778	2	+8.269e+002	+2.558e+004	+3.324e+004	-3.385e-001	-5.723e-005	+6.652e-005	0.33852
37.778	3	+6.386e+002	+1.912e+004	+2.495e+004	-2.531e-001	-4.455e-005	+5.362e-005	0.25313
37.778	4	+6.101e+002	+1.786e+004	+2.309e+004	-2.435e-001	-4.169e-005	+5.378e-005	0.24345
37.778	5	+6.075e+002	+1.737e+004	+2.247e+004	-2.380e-001	-4.157e-005	+5.517e-005	0.23802
37.778	7	+6.337e+002	+2.021e+004	+2.616e+004	-2.673e-001	-4.353e-005	+4.884e-005	0.26731
75.556	1	+8.725e+002	+1.737e+004	-4.756e+002	-2.403e-001	-4.971e-005	+5.989e-005	0.24032
75.556	2	+1.226e+003	+2.558e+004	+2.000e+003	-3.413e-001	-6.921e-005	+7.409e-005	0.34135
75.556	3	+9.321e+002	+1.912e+004	+8.246e+002	-2.554e-001	-5.350e-005	+5.915e-005	0.25539
75.556	4	+8.853e+002	+1.786e+004	+3.505e+001	-2.457e-001	-5.006e-005	+5.875e-005	0.24570
75.556	5	+8.725e+002	+1.737e+004	-4.756e+002	-2.403e-001	-4.971e-005	+5.989e-005	0.24032
75.556	7	+9.536e+002	+2.021e+004	+2.217e+003	-2.694e-001	-5.299e-005	+5.493e-005	0.26940
113.333	1	-8.725e+002	-1.737e+004	+3.344e+004	-2.426e-001	-5.784e-005	+5.261e-005	0.24262
113.333	2	-1.226e+003	-2.558e+004	+4.432e+004	-3.442e-001	-8.120e-005	+6.500e-005	0.34423
113.333	3	-9.321e+002	-1.912e+004	+3.439e+004	-2.577e-001	-6.246e-005	+5.195e-005	0.25768
113.333	4	-8.853e+002	-1.786e+004	+3.341e+004	-2.480e-001	-5.842e-005	+5.158e-005	0.24797
113.333	5	-8.725e+002	-1.737e+004	+3.344e+004	-2.426e-001	-5.784e-005	+5.261e-005	0.24262
113.333	7	-9.536e+002	-2.021e+004	+3.381e+004	-2.715e-001	-6.246e-005	+4.815e-005	0.27155

TRAVE NUMERO: 17 - LUNGHEZZA: 113.33

Dist.	c.c.	Fy	Mx	Mz	Spост.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	1	-2.594e+002	-4.197e+001	+1.636e+004	-2.330e-001	-3.305e-005	-1.502e-005	0.23298
0.000	2	-3.998e+002	-1.351e+002	+2.135e+004	-3.349e-001	-4.493e-005	-2.369e-005	0.33493
0.000	3	-2.919e+002	-9.712e+001	+1.688e+004	-2.495e-001	-3.559e-005	-1.750e-005	0.24952
0.000	4	-2.711e+002	-5.218e+001	+1.620e+004	-2.390e-001	-3.287e-005	-1.569e-005	0.23900
0.000	5	-2.594e+002	-4.197e+001	+1.636e+004	-2.330e-001	-3.305e-005	-1.502e-005	0.23298
0.000	7	-3.224e+002	-1.104e+002	+1.599e+004	-2.654e-001	-3.358e-005	-1.892e-005	0.26535
37.778	1	-2.594e+002	-4.197e+001	+2.616e+004	-2.325e-001	-3.304e-005	-5.895e-006	0.23253
37.778	2	-3.998e+002	-1.351e+002	+3.645e+004	-3.342e-001	-4.487e-005	-1.129e-005	0.33418
37.778	3	-2.919e+002	-9.712e+001	+2.791e+004	-2.490e-001	-3.555e-005	-7.885e-006	0.24898
37.778	4	-2.711e+002	-5.218e+001	+2.644e+004	-2.385e-001	-3.285e-005	-6.532e-006	0.23853
37.778	5	-2.594e+002	-4.197e+001	+2.616e+004	-2.325e-001	-3.304e-005	-5.895e-006	0.23253
37.778	7	-3.224e+002	-1.104e+002	+2.817e+004	-2.648e-001	-3.353e-005	-9.438e-006	0.26475
75.556	1	+2.412e+002	-4.197e+001	+2.650e+004	-2.325e-001	-3.301e-005	+5.407e-006	0.23252
75.556	2	+3.713e+002	-1.351e+002	+3.699e+004	-3.340e-001	-4.481e-005	+4.478e-006	0.33405
75.556	3	+2.707e+002	-9.712e+001	+2.830e+004	-2.489e-001	-3.550e-005	+4.180e-006	0.24891
75.556	4	+2.522e+002	-5.218e+001	+2.680e+004	-2.385e-001	-3.282e-005	+4.895e-006	0.23850
75.556	5	+2.412e+002	-4.197e+001	+2.650e+004	-2.325e-001	-3.301e-005	+5.407e-006	0.23252
75.556	7	+2.997e+002	-1.104e+002	+2.859e+004	-2.646e-001	-3.348e-005	+2.746e-006	0.26462
113.333	1	-2.412e+002	+4.197e+001	-1.739e+004	-2.330e-001	-3.300e-005	+1.483e-005	0.23295
113.333	2	-3.713e+002	+1.351e+002	-2.296e+004	-3.345e-001	-4.474e-005	+1.735e-005	0.33454
113.333	3	-2.707e+002	+9.712e+001	-1.807e+004	-2.493e-001	-3.546e-005	+1.414e-005	0.24931
113.333	4	-2.522e+002	+5.218e+001	-1.727e+004	-2.389e-001	-3.280e-005	+1.435e-005	0.23891
113.333	5	-2.412e+002	+4.197e+001	-1.739e+004	-2.330e-001	-3.300e-005	+1.483e-005	0.23295
113.333	7	-2.997e+002	+1.104e+002	-1.727e+004	-2.650e-001	-3.343e-005	+1.259e-005	0.26497

TRAVE NUMERO: 18 - LUNGHEZZA: 113.33

Dist.	c.c.	Fy	Mx	Mz	Spост.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	1	+4.334e+002	+1.535e+004	+2.313e+004	-2.330e-001	-3.300e-005	+1.483e-005	0.23295
0.000	2	+5.933e+002	+2.286e+004	+3.113e+004	-3.345e-001	-4.474e-005	+1.735e-005	0.33454
0.000	3	+4.635e+002	+1.719e+004	+2.431e+004	-2.493e-001	-3.546e-005	+1.414e-005	0.24931
0.000	4	+4.337e+002	+1.577e+004	+2.310e+004	-2.389e-001	-3.280e-005	+1.435e-005	0.23891
0.000	5	+4.334e+002	+1.535e+004	+2.313e+004	-2.330e-001	-3.300e-005	+1.483e-005	0.23295
0.000	7	+4.497e+002	+1.795e+004	+2.360e+004	-2.650e-001	-3.343e-005	+1.259e-005	0.26497
37.778	1	+6.859e+002	+1.535e+004	+6.763e+003	-2.337e-001	-4.018e-005	+2.124e-005	0.23372
37.778	2	+9.815e+002	+2.286e+004	+8.719e+003	-3.355e-001	-5.545e-005	+2.590e-005	0.33548
37.778	3	+7.469e+002	+1.719e+004	+6.805e+003	-2.501e-001	-4.351e-005	+2.081e-005	0.25006
37.778	4	+6.975e+002	+1.577e+004	+6.720e+003	-2.397e-001	-4.018e-005	+2.076e-005	0.23966
37.778	5	+6.859e+002	+1.535e+004	+6.763e+003	-2.337e-001	-4.018e-005	+2.124e-005	0.23372
37.778	7	+7.626e+002	+1.795e+004	+6.613e+003	-2.657e-001	-4.184e-005	+1.908e-005	0.26566
75.556	1	+9.402e+002	+1.535e+004	-1.915e+004	-2.346e-001	-4.737e-005	+1.859e-005	0.23461
75.556	2	+1.372e+003	+2.286e+004	-2.836e+004	-3.366e-001	-6.616e-005	+2.168e-005	0.33658
75.556	3	+1.032e+003	+1.719e+004	-2.141e+004	-2.509e-001	-5.157e-005	+1.768e-005	0.25094
75.556	4	+9.629e+002	+1.577e+004	-1.963e+004	-2.405e-001	-4.757e-005	+1.798e-005	0.24054
75.556	5	+9.402e+002	+1.535e+004	-1.915e+004	-2.346e-001	-4.737e-005	+1.859e-005	0.23461
75.556	7	+1.077e+003	+1.795e+004	-2.220e+004	-2.665e-001	-5.025e-005	+1.573e-005	0.26647
113.333	1	-9.402e+002	-1.535e+004	+5.467e+004	-2.352e-001	-5.456e-005	+2.740e-006	0.23521
113.333	2	-1.372e+003	-2.286e+004	+8.018e+004	-3.372e-001	-7.686e-005	-1.613e-006	0.33724
113.333	3	-1.032e+003	-1.719e+004	+6.040e+004	-2.515e-001	-5.962e-005	+1.184e-007	0.25149
113.333	4	-9.629e+002	-1.577e+004	+5.601e+004	-2.411e-001	-5.495e-005	+1.750e-006	0.24111
113.333	5	-9.402e+002	-1.535e+004	+5.467e+004	-2.352e-001	-5.456e-005	+2.740e-006	0.23521

Dist.	c.c.	Fy	Mx	Mz	Spост.Z	Rotaz.X	Rotaz.Y	Press. Suolo
113.333	7	-1.077e+003	-1.795e+004	+6.289e+004	-2.669e-001	-5.865e-005	-2.532e-006	0.26694

TRAVE NUMERO: 19 - LUNGHEZZA: 113.33

Dist.	c.c.	Fy	Mx	Mz	Spост.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	1	-2.412e+002	+4.195e+001	+1.739e+004	-2.330e-001	-3.300e-005	-1.483e-005	0.23295
0.000	2	-3.713e+002	+1.351e+002	+2.296e+004	-3.345e-001	-4.474e-005	-1.735e-005	0.33454
0.000	3	-2.707e+002	+9.709e+001	+1.807e+004	-2.493e-001	-3.546e-005	-1.414e-005	0.24931
0.000	4	-2.522e+002	+5.216e+001	+1.727e+004	-2.389e-001	-3.280e-005	-1.435e-005	0.23891
0.000	5	-2.412e+002	+4.195e+001	+1.739e+004	-2.330e-001	-3.300e-005	-1.483e-005	0.23295
0.000	7	-2.997e+002	+1.104e+002	+1.727e+004	-2.650e-001	-3.343e-005	-1.259e-005	0.26497
37.778	1	-2.412e+002	+4.195e+001	+2.650e+004	-2.325e-001	-3.301e-005	-5.407e-006	0.23252
37.778	2	-3.713e+002	+1.351e+002	+3.699e+004	-3.340e-001	-4.481e-005	-4.478e-006	0.33405
37.778	3	-2.707e+002	+9.709e+001	+2.830e+004	-2.489e-001	-3.550e-005	-4.180e-006	0.24891
37.778	4	-2.522e+002	+5.216e+001	+2.680e+004	-2.385e-001	-3.282e-005	-4.895e-006	0.23850
37.778	5	-2.412e+002	+4.195e+001	+2.650e+004	-2.325e-001	-3.301e-005	-5.407e-006	0.23252
37.778	7	-2.997e+002	+1.104e+002	+2.859e+004	-2.646e-001	-3.348e-005	-2.746e-006	0.26462
75.556	1	+2.594e+002	+4.195e+001	+2.616e+004	-2.325e-001	-3.304e-005	+5.895e-006	0.23253
75.556	2	+3.998e+002	+1.351e+002	+3.645e+004	-3.342e-001	-4.487e-005	+1.129e-005	0.33418
75.556	3	+2.919e+002	+9.709e+001	+2.791e+004	-2.490e-001	-3.555e-005	+7.885e-006	0.24898
75.556	4	+2.711e+002	+5.216e+001	+2.644e+004	-2.385e-001	-3.285e-005	+6.532e-006	0.23853
75.556	5	+2.594e+002	+4.195e+001	+2.616e+004	-2.325e-001	-3.304e-005	+5.895e-006	0.23253
75.556	7	+3.224e+002	+1.104e+002	+2.817e+004	-2.648e-001	-3.353e-005	+9.439e-006	0.26475
113.333	1	-2.594e+002	-4.195e+001	-1.636e+004	-2.330e-001	-3.305e-005	+1.502e-005	0.23298
113.333	2	-3.998e+002	-1.351e+002	-2.135e+004	-3.349e-001	-4.493e-005	+2.369e-005	0.33493
113.333	3	-2.919e+002	-9.709e+001	-1.688e+004	-2.495e-001	-3.559e-005	+1.750e-005	0.24952
113.333	4	-2.711e+002	-5.216e+001	-1.620e+004	-2.390e-001	-3.287e-005	+1.569e-005	0.23900
113.333	5	-2.594e+002	-4.195e+001	-1.636e+004	-2.330e-001	-3.305e-005	+1.502e-005	0.23298
113.333	7	-3.224e+002	-1.104e+002	-1.599e+004	-2.654e-001	-3.358e-005	+1.892e-005	0.26535

TRAVE NUMERO: 20 - LUNGHEZZA: 113.33

Dist.	c.c.	Fy	Mx	Mz	Spост.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	1	+4.466e+002	+1.567e+004	+2.161e+004	-2.330e-001	-3.305e-005	+1.502e-005	0.23298
0.000	2	+6.216e+002	+2.323e+004	+2.910e+004	-3.349e-001	-4.493e-005	+2.369e-005	0.33493
0.000	3	+4.828e+002	+1.753e+004	+2.273e+004	-2.495e-001	-3.559e-005	+1.750e-005	0.24952
0.000	4	+4.488e+002	+1.607e+004	+2.158e+004	-2.390e-001	-3.287e-005	+1.569e-005	0.23900
0.000	5	+4.466e+002	+1.567e+004	+2.161e+004	-2.330e-001	-3.305e-005	+1.502e-005	0.23298
0.000	7	+4.737e+002	+1.819e+004	+2.205e+004	-2.654e-001	-3.358e-005	+1.892e-005	0.26535
37.778	1	+6.992e+002	+1.567e+004	+4.737e+003	-2.337e-001	-4.039e-005	+2.067e-005	0.23374
37.778	2	+1.011e+003	+2.323e+004	+5.615e+003	-3.361e-001	-5.581e-005	+3.114e-005	0.33609
37.778	3	+7.669e+002	+1.753e+004	+4.488e+003	-2.504e-001	-4.381e-005	+2.334e-005	0.25039
37.778	4	+7.129e+002	+1.607e+004	+4.623e+003	-2.398e-001	-4.039e-005	+2.131e-005	0.23979
37.778	5	+6.992e+002	+1.567e+004	+4.737e+003	-2.337e-001	-4.039e-005	+2.067e-005	0.23374
37.778	7	+7.878e+002	+1.819e+004	+4.158e+003	-2.663e-001	-4.210e-005	+2.454e-005	0.26627
75.556	1	+9.535e+002	+1.567e+004	-2.168e+004	-2.346e-001	-4.773e-005	+1.704e-005	0.23460
75.556	2	+1.403e+003	+2.323e+004	-3.257e+004	-3.374e-001	-6.670e-005	+2.536e-005	0.33736
75.556	3	+1.053e+003	+1.753e+004	-2.448e+004	-2.513e-001	-5.202e-005	+1.905e-005	0.25134
75.556	4	+9.786e+002	+1.607e+004	-2.231e+004	-2.407e-001	-4.792e-005	+1.751e-005	0.24067
75.556	5	+9.535e+002	+1.567e+004	-2.168e+004	-2.346e-001	-4.773e-005	+1.704e-005	0.23460
75.556	7	+1.104e+003	+1.819e+004	-2.560e+004	-2.673e-001	-5.063e-005	+1.994e-005	0.26727
113.333	1	-9.535e+002	-1.567e+004	+5.770e+004	-2.351e-001	-5.507e-005	+4.571e-011	0.23512
113.333	2	-1.403e+003	-2.323e+004	+8.556e+004	-3.381e-001	-7.758e-005	+7.354e-011	0.33813
113.333	3	-1.053e+003	-1.753e+004	+6.425e+004	-2.519e-001	-6.023e-005	+5.603e-011	0.25192
113.333	4	-9.786e+002	-1.607e+004	+5.928e+004	-2.412e-001	-5.545e-005	+4.726e-011	0.24121
113.333	5	-9.535e+002	-1.567e+004	+5.770e+004	-2.351e-001	-5.507e-005	+4.571e-011	0.23512
113.333	7	-1.104e+003	-1.819e+004	+6.730e+004	-2.679e-001	-5.915e-005	+5.708e-011	0.26787

TRAVE NUMERO: 21 - LUNGHEZZA: 113.33

Dist.	c.c.	Fy	Mx	Mz	Spост.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	1	-2.083e+002	-7.475e+002	+3.115e+004	-2.361e-001	-3.344e-005	-4.271e-005	0.23610
0.000	2	-3.019e+002	-7.666e+002	+4.342e+004	-3.363e-001	-4.525e-005	-4.875e-005	0.33626
0.000	3	-2.233e+002	-5.392e+002	+3.345e+004	-2.513e-001	-3.559e-005	-4.008e-005	0.25129
0.000	4	-2.145e+002	-7.461e+002	+3.142e+004	-2.416e-001	-3.333e-005	-4.113e-005	0.24159
0.000	5	-2.083e+002	-7.475e+002	+3.115e+004	-2.361e-001	-3.344e-005	-4.271e-005	0.23610
0.000	7	-2.407e+002	-6.377e+002	+3.336e+004	-2.657e-001	-3.406e-005	-3.504e-005	0.26566
37.778	1	-2.083e+002	-7.475e+002	+3.902e+004	-2.347e-001	-3.309e-005	-2.765e-005	0.23473
37.778	2	-3.019e+002	-7.666e+002	+5.483e+004	-3.347e-001	-4.489e-005	-2.766e-005	0.33475
37.778	3	-2.233e+002	-5.392e+002	+4.189e+004	-2.500e-001	-3.534e-005	-2.391e-005	0.25003
37.778	4	-2.145e+002	-7.461e+002	+3.952e+004	-2.403e-001	-3.298e-005	-2.590e-005	0.24028
37.778	5	-2.083e+002	-7.475e+002	+3.902e+004	-2.347e-001	-3.309e-005	-2.765e-005	0.23473
37.778	7	-2.407e+002	-6.377e+002	+4.245e+004	-2.646e-001	-3.376e-005	-1.877e-005	0.26460
75.556	1	+2.993e+002	-7.475e+002	+3.728e+004	-2.340e-001	-3.274e-005	-1.127e-005	0.23400
75.556	2	+4.705e+002	-7.666e+002	+5.162e+004	-3.342e-001	-4.453e-005	-4.808e-006	0.33416
75.556	3	+3.424e+002	-5.392e+002	+3.962e+004	-2.495e-001	-3.509e-005	-6.414e-006	0.24947
75.556	4	+3.142e+002	-7.461e+002	+3.762e+004	-2.396e-001	-3.263e-005	-9.341e-006	0.23963
75.556	5	+2.993e+002	-7.475e+002	+3.728e+004	-2.340e-001	-3.274e-005	-1.127e-005	0.23400
75.556	7	+3.805e+002	-6.377e+002	+3.979e+004	-2.642e-001	-3.346e-005	-1.119e-006	0.26424



Dist.	c.c.	Fy	Mx	Mz	Spost.Z	Rotaz.X	Rotaz.Y	Press. Suolo
113.333	1	-2.993e+002	+7.475e+002	-2.597e+004	-2.339e-001	-3.239e-005	+2.305e-006	0.23389
113.333	2	-4.705e+002	+7.666e+002	-3.384e+004	-3.344e-001	-4.417e-005	+1.354e-005	0.33442
113.333	3	-3.424e+002	+5.392e+002	-2.668e+004	-2.496e-001	-3.484e-005	+7.816e-006	0.24957
113.333	4	-3.142e+002	+7.461e+002	-2.575e+004	-2.396e-001	-3.228e-005	+4.260e-006	0.23959
113.333	5	-2.993e+002	+7.475e+002	-2.597e+004	-2.339e-001	-3.239e-005	+2.305e-006	0.23389
113.333	7	-3.805e+002	+6.377e+002	-2.542e+004	-2.645e-001	-3.317e-005	+1.288e-005	0.26454

TRAVE NUMERO: 22 - LUNGHEZZA: 113.33

Dist.	c.c.	Fy	Mx	Mz	Spost.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	1	+4.747e+002	+1.578e+004	+3.097e+004	-2.339e-001	-3.239e-005	+2.305e-006	0.23389
0.000	2	+6.779e+002	+2.326e+004	+4.138e+004	-3.344e-001	-4.417e-005	+1.354e-005	0.33442
0.000	3	+5.217e+002	+1.764e+004	+3.234e+004	-2.496e-001	-3.484e-005	+7.816e-006	0.24957
0.000	4	+4.804e+002	+1.614e+004	+3.089e+004	-2.396e-001	-3.228e-005	+4.260e-006	0.23959
0.000	5	+4.747e+002	+1.578e+004	+3.097e+004	-2.339e-001	-3.239e-005	+2.305e-006	0.23389
0.000	7	+5.212e+002	+1.814e+004	+3.134e+004	-2.645e-001	-3.317e-005	+1.288e-005	0.26454
37.778	1	+7.283e+002	+1.578e+004	+1.304e+004	-2.343e-001	-3.978e-005	+1.175e-005	0.23426
37.778	2	+1.066e+003	+2.326e+004	+1.577e+004	-3.353e-001	-5.507e-005	+2.580e-005	0.33530
37.778	3	+8.053e+002	+1.764e+004	+1.263e+004	-2.502e-001	-4.310e-005	+1.747e-005	0.25016
37.778	4	+7.449e+002	+1.614e+004	+1.274e+004	-2.400e-001	-3.984e-005	+1.363e-005	0.24003
37.778	5	+7.283e+002	+1.578e+004	+1.304e+004	-2.343e-001	-3.978e-005	+1.175e-005	0.23426
37.778	7	+8.335e+002	+1.814e+004	+1.165e+004	-2.653e-001	-4.166e-005	+2.211e-005	0.26530
75.556	1	+9.830e+002	+1.578e+004	-1.447e+004	-2.348e-001	-4.717e-005	+1.144e-005	0.23484
75.556	2	+1.456e+003	+2.326e+004	-2.449e+004	-3.365e-001	-6.597e-005	+2.393e-005	0.33646
75.556	3	+1.090e+003	+1.764e+004	-1.779e+004	-2.510e-001	-5.136e-005	+1.636e-005	0.25096
75.556	4	+1.011e+003	+1.614e+004	-1.540e+004	-2.407e-001	-4.739e-005	+1.306e-005	0.24069
75.556	5	+9.830e+002	+1.578e+004	-1.447e+004	-2.348e-001	-4.717e-005	+1.144e-005	0.23484
75.556	7	+1.148e+003	+1.814e+004	-1.983e+004	-2.663e-001	-5.016e-005	+2.035e-005	0.26628
113.333	1	-9.830e+002	-1.578e+004	+5.161e+004	-2.352e-001	-5.456e-005	-2.740e-006	0.23521
113.333	2	-1.456e+003	-2.326e+004	+7.948e+004	-3.372e-001	-7.686e-005	+1.614e-006	0.33724
113.333	3	-1.090e+003	-1.764e+004	+5.899e+004	-2.515e-001	-5.962e-005	-1.178e-007	0.25149
113.333	4	-1.011e+003	-1.614e+004	+5.358e+004	-2.411e-001	-5.495e-005	-1.750e-006	0.24111
113.333	5	-9.830e+002	-1.578e+004	+5.161e+004	-2.352e-001	-5.456e-005	-2.740e-006	0.23521
113.333	7	-1.148e+003	-1.814e+004	+6.319e+004	-2.669e-001	-5.865e-005	+2.532e-006	0.26694

TRAVE NUMERO: 23 - LUNGHEZZA: 113.33

Dist.	c.c.	Fy	Mx	Mz	Spost.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	1	-2.993e+002	-7.475e+002	+2.597e+004	-2.339e-001	+3.239e-005	-2.305e-006	0.23389
0.000	2	-4.705e+002	-7.667e+002	+3.384e+004	-3.344e-001	+4.417e-005	-1.354e-005	0.33442
0.000	3	-3.424e+002	-5.392e+002	+2.668e+004	-2.496e-001	+3.484e-005	-7.816e-006	0.24957
0.000	4	-3.142e+002	-7.461e+002	+2.574e+004	-2.396e-001	+3.228e-005	-4.260e-006	0.23959
0.000	5	-2.993e+002	-7.475e+002	+2.597e+004	-2.339e-001	+3.239e-005	-2.305e-006	0.23389
0.000	7	-3.805e+002	-6.378e+002	+2.542e+004	-2.645e-001	+3.317e-005	-1.288e-005	0.26454
37.778	1	-2.993e+002	-7.475e+002	+3.728e+004	-2.340e-001	+3.274e-005	+1.127e-005	0.23400
37.778	2	-4.705e+002	-7.667e+002	+5.162e+004	-3.342e-001	+4.453e-005	+4.808e-006	0.33416
37.778	3	-3.424e+002	-5.392e+002	+3.961e+004	-2.495e-001	+3.509e-005	+6.414e-006	0.24947
37.778	4	-3.142e+002	-7.461e+002	+3.761e+004	-2.396e-001	+3.263e-005	+9.341e-006	0.23963
37.778	5	-2.993e+002	-7.475e+002	+3.728e+004	-2.340e-001	+3.274e-005	+1.127e-005	0.23400
37.778	7	-3.805e+002	-6.378e+002	+3.979e+004	-2.642e-001	+3.346e-005	+1.119e-006	0.26424
75.556	1	+2.083e+002	-7.475e+002	+3.902e+004	-2.347e-001	+3.309e-005	+2.765e-005	0.23473
75.556	2	+3.019e+002	-7.667e+002	+5.482e+004	-3.347e-001	+4.489e-005	+2.766e-005	0.33475
75.556	3	+2.233e+002	-5.392e+002	+4.189e+004	-2.500e-001	+3.534e-005	+2.391e-005	0.25003
75.556	4	+2.145e+002	-7.461e+002	+3.952e+004	-2.403e-001	+3.298e-005	+2.590e-005	0.24028
75.556	5	+2.083e+002	-7.475e+002	+3.902e+004	-2.347e-001	+3.309e-005	+2.765e-005	0.23473
75.556	7	+2.407e+002	-6.378e+002	+4.245e+004	-2.646e-001	+3.376e-005	+1.877e-005	0.26460
113.333	1	-2.083e+002	+7.475e+002	-3.115e+004	-2.361e-001	+3.344e-005	+4.271e-005	0.23610
113.333	2	-3.019e+002	+7.667e+002	-4.342e+004	-3.363e-001	+4.525e-005	+4.875e-005	0.33626
113.333	3	-2.233e+002	+5.392e+002	-3.345e+004	-2.513e-001	+3.559e-005	+4.008e-005	0.25129
113.333	4	-2.145e+002	+7.461e+002	-3.142e+004	-2.416e-001	+3.333e-005	+4.113e-005	0.24159
113.333	5	-2.083e+002	+7.475e+002	-3.115e+004	-2.361e-001	+3.344e-005	+4.271e-005	0.23610
113.333	7	-2.407e+002	+6.378e+002	-3.335e+004	-2.657e-001	+3.406e-005	+3.504e-005	0.26566

TRAVE NUMERO: 24 - LUNGHEZZA: 113.33

Dist.	c.c.	Fy	Mx	Mz	Spost.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	1	+3.467e+002	-1.737e+004	+3.557e+004	-2.361e-001	+3.344e-005	+4.271e-005	0.23610
0.000	2	+4.330e+002	-2.558e+004	+4.959e+004	-3.363e-001	+4.525e-005	+4.875e-005	0.33626
0.000	3	+3.493e+002	-1.912e+004	+3.815e+004	-2.513e-001	+3.559e-005	+4.008e-005	0.25129
0.000	4	+3.391e+002	-1.786e+004	+3.589e+004	-2.416e-001	+3.333e-005	+4.113e-005	0.24159
0.000	5	+3.467e+002	-1.737e+004	+3.557e+004	-2.361e-001	+3.344e-005	+4.271e-005	0.23610
0.000	7	+3.176e+002	-2.021e+004	+3.815e+004	-2.657e-001	+3.406e-005	+3.504e-005	0.26566
37.778	1	+6.075e+002	-1.737e+004	+2.247e+004	-2.380e-001	+4.157e-005	+5.517e-005	0.23802
37.778	2	+8.269e+002	-2.558e+004	+3.324e+004	-3.385e-001	+5.723e-005	+6.652e-005	0.33852
37.778	3	+6.386e+002	-1.912e+004	+2.495e+004	-2.531e-001	+4.455e-005	+5.362e-005	0.25313
37.778	4	+6.101e+002	-1.786e+004	+2.309e+004	-2.435e-001	+4.169e-005	+5.378e-005	0.24345
37.778	5	+6.075e+002	-1.737e+004	+2.247e+004	-2.380e-001	+4.157e-005	+5.517e-005	0.23802
37.778	7	+6.337e+002	-2.021e+004	+2.616e+004	-2.673e-001	+4.353e-005	+4.884e-005	0.26731
75.556	1	+8.725e+002	-1.737e+004	-4.756e+002	-2.403e-001	+4.971e-005	+5.989e-005	0.24032

Dist.	c.c.	Fy	Mx	Mz	Spost.Z	Rotaz.X	Rotaz.Y	Press. Suolo
75.556	2	+1.226e+003	-2.558e+004	+2.000e+003	-3.413e-001	+6.921e-005	+7.409e-005	0.34135
75.556	3	+9.321e+002	-1.912e+004	+8.246e+002	-2.554e-001	+5.350e-005	+5.915e-005	0.25539
75.556	4	+8.853e+002	-1.786e+004	+3.504e+001	-2.457e-001	+5.006e-005	+5.875e-005	0.24570
75.556	5	+8.725e+002	-1.737e+004	-4.756e+002	-2.403e-001	+4.971e-005	+5.989e-005	0.24032
75.556	7	+9.536e+002	-2.021e+004	+2.217e+003	-2.694e-001	+5.300e-005	+5.493e-005	0.26940
113.333	1	-8.725e+002	+1.737e+004	+3.344e+004	-2.426e-001	+5.784e-005	+5.261e-005	0.24262
113.333	2	-1.226e+003	+2.558e+004	+4.432e+004	-3.442e-001	+8.120e-005	+6.500e-005	0.34423
113.333	3	-9.321e+002	+1.912e+004	+3.439e+004	-2.577e-001	+6.246e-005	+5.195e-005	0.25768
113.333	4	-8.853e+002	+1.786e+004	+3.341e+004	-2.480e-001	+5.842e-005	+5.158e-005	0.24797
113.333	5	-8.725e+002	+1.737e+004	+3.344e+004	-2.426e-001	+5.784e-005	+5.261e-005	0.24262
113.333	7	-9.536e+002	+2.021e+004	+3.381e+004	-2.715e-001	+6.246e-005	+4.815e-005	0.27155

TRAVE NUMERO: 25 - LUNGHEZZA: 113.33

Dist.	c.c.	Fy	Mx	Mz	Spost.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	1	-2.594e+002	+4.195e+001	+1.636e+004	-2.330e-001	+3.305e-005	-1.502e-005	0.23298
0.000	2	-3.998e+002	+1.351e+002	+2.135e+004	-3.349e-001	+4.493e-005	-2.369e-005	0.33493
0.000	3	-2.919e+002	+9.709e+001	+1.688e+004	-2.495e-001	+3.559e-005	-1.750e-005	0.24952
0.000	4	-2.711e+002	+5.216e+001	+1.620e+004	-2.390e-001	+3.287e-005	-1.569e-005	0.23900
0.000	5	-2.594e+002	+4.195e+001	+1.636e+004	-2.330e-001	+3.305e-005	-1.502e-005	0.23298
0.000	7	-3.224e+002	+1.104e+002	+1.599e+004	-2.654e-001	+3.358e-005	-1.892e-005	0.26535
37.778	1	-2.594e+002	+4.195e+001	+2.616e+004	-2.325e-001	+3.304e-005	-5.895e-006	0.23253
37.778	2	-3.998e+002	+1.351e+002	+3.645e+004	-3.342e-001	+4.487e-005	-1.129e-005	0.33418
37.778	3	-2.919e+002	+9.709e+001	+2.791e+004	-2.490e-001	+3.555e-005	-7.885e-006	0.24898
37.778	4	-2.711e+002	+5.216e+001	+2.644e+004	-2.385e-001	+3.285e-005	-6.532e-006	0.23853
37.778	5	-2.594e+002	+4.195e+001	+2.616e+004	-2.325e-001	+3.304e-005	-5.895e-006	0.23253
37.778	7	-3.224e+002	+1.104e+002	+2.817e+004	-2.648e-001	+3.353e-005	-9.438e-006	0.26475
75.556	1	+2.412e+002	+4.195e+001	+2.650e+004	-2.325e-001	+3.301e-005	+5.407e-006	0.23252
75.556	2	+3.713e+002	+1.351e+002	+3.699e+004	-3.340e-001	+4.481e-005	+4.478e-006	0.33405
75.556	3	+2.707e+002	+9.709e+001	+2.830e+004	-2.489e-001	+3.550e-005	+4.180e-006	0.24891
75.556	4	+2.522e+002	+5.216e+001	+2.680e+004	-2.385e-001	+3.282e-005	+4.895e-006	0.23850
75.556	5	+2.412e+002	+4.195e+001	+2.650e+004	-2.325e-001	+3.301e-005	+5.407e-006	0.23252
75.556	7	+2.997e+002	+1.104e+002	+2.859e+004	-2.646e-001	+3.348e-005	+2.746e-006	0.26462
113.333	1	-2.412e+002	-4.195e+001	-1.739e+004	-2.330e-001	+3.300e-005	+1.483e-005	0.23295
113.333	2	-3.713e+002	-1.351e+002	-2.296e+004	-3.345e-001	+4.474e-005	+1.735e-005	0.33454
113.333	3	-2.707e+002	-9.709e+001	-1.807e+004	-2.493e-001	+3.546e-005	+1.414e-005	0.24931
113.333	4	-2.522e+002	-5.216e+001	-1.727e+004	-2.389e-001	+3.280e-005	+1.435e-005	0.23891
113.333	5	-2.412e+002	-4.195e+001	-1.739e+004	-2.330e-001	+3.300e-005	+1.483e-005	0.23295
113.333	7	-2.997e+002	-1.104e+002	-1.727e+004	-2.650e-001	+3.343e-005	+1.259e-005	0.26497

TRAVE NUMERO: 26 - LUNGHEZZA: 113.33

Dist.	c.c.	Fy	Mx	Mz	Spost.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	1	+4.334e+002	-1.535e+004	+2.313e+004	-2.330e-001	+3.300e-005	+1.483e-005	0.23295
0.000	2	+5.933e+002	-2.286e+004	+3.113e+004	-3.345e-001	+4.474e-005	+1.735e-005	0.33454
0.000	3	+4.635e+002	-1.719e+004	+2.431e+004	-2.493e-001	+3.546e-005	+1.414e-005	0.24931
0.000	4	+4.337e+002	-1.577e+004	+2.310e+004	-2.389e-001	+3.280e-005	+1.435e-005	0.23891
0.000	5	+4.334e+002	-1.535e+004	+2.313e+004	-2.330e-001	+3.300e-005	+1.483e-005	0.23295
0.000	7	+4.497e+002	-1.795e+004	+2.360e+004	-2.650e-001	+3.343e-005	+1.259e-005	0.26497
37.778	1	+6.859e+002	-1.535e+004	+6.763e+003	-2.337e-001	+4.019e-005	+2.124e-005	0.23372
37.778	2	+9.815e+002	-2.286e+004	+8.719e+003	-3.355e-001	+5.545e-005	+2.590e-005	0.33548
37.778	3	+7.469e+002	-1.719e+004	+6.805e+003	-2.501e-001	+4.351e-005	+2.081e-005	0.25006
37.778	4	+6.975e+002	-1.577e+004	+6.720e+003	-2.397e-001	+4.018e-005	+2.076e-005	0.23966
37.778	5	+6.859e+002	-1.535e+004	+6.763e+003	-2.337e-001	+4.019e-005	+2.124e-005	0.23372
37.778	7	+7.626e+002	-1.795e+004	+6.613e+003	-2.657e-001	+4.184e-005	+1.908e-005	0.26566
75.556	1	+9.402e+002	-1.535e+004	-1.915e+004	-2.346e-001	+4.737e-005	+1.859e-005	0.23461
75.556	2	+1.372e+003	-2.286e+004	-2.836e+004	-3.366e-001	+6.616e-005	+2.168e-005	0.33658
75.556	3	+1.032e+003	-1.719e+004	-2.141e+004	-2.509e-001	+5.157e-005	+1.768e-005	0.25094
75.556	4	+9.629e+002	-1.577e+004	-1.963e+004	-2.405e-001	+4.757e-005	+1.798e-005	0.24054
75.556	5	+9.402e+002	-1.535e+004	-1.915e+004	-2.346e-001	+4.737e-005	+1.859e-005	0.23461
75.556	7	+1.077e+003	-1.795e+004	-2.220e+004	-2.665e-001	+5.025e-005	+1.573e-005	0.26647
113.333	1	-9.402e+002	+1.535e+004	+5.467e+004	-2.352e-001	+5.456e-005	+2.740e-006	0.23521
113.333	2	-1.372e+003	+2.286e+004	+8.018e+004	-3.372e-001	+7.686e-005	-1.613e-006	0.33724
113.333	3	-1.032e+003	+1.719e+004	+6.040e+004	-2.515e-001	+5.962e-005	+1.184e-007	0.25149
113.333	4	-9.629e+002	+1.577e+004	+5.601e+004	-2.411e-001	+5.495e-005	+1.750e-006	0.24111
113.333	5	-9.402e+002	+1.535e+004	+5.467e+004	-2.352e-001	+5.456e-005	+2.740e-006	0.23521
113.333	7	-1.077e+003	+1.795e+004	+6.289e+004	-2.669e-001	+5.866e-005	-2.532e-006	0.26694

TRAVE NUMERO: 27 - LUNGHEZZA: 113.33

Dist.	c.c.	Fy	Mx	Mz	Spost.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	1	-2.412e+002	-4.196e+001	+1.739e+004	-2.330e-001	+3.300e-005	-1.483e-005	0.23295
0.000	2	-3.713e+002	-1.351e+002	+2.296e+004	-3.345e-001	+4.474e-005	-1.735e-005	0.33454
0.000	3	-2.707e+002	-9.710e+001	+1.807e+004	-2.493e-001	+3.546e-005	-1.414e-005	0.24931
0.000	4	-2.522e+002	-5.217e+001	+1.727e+004	-2.389e-001	+3.280e-005	-1.435e-005	0.23891
0.000	5	-2.412e+002	-4.196e+001	+1.739e+004	-2.330e-001	+3.300e-005	-1.483e-005	0.23295
0.000	7	-2.997e+002	-1.104e+002	+1.727e+004	-2.650e-001	+3.343e-005	-1.259e-005	0.26497
37.778	1	-2.412e+002	-4.196e+001	+2.650e+004	-2.325e-001	+3.301e-005	-5.407e-006	0.23252
37.778	2	-3.713e+002	-1.351e+002	+3.699e+004	-3.340e-001	+4.481e-005	-4.478e-006	0.33405

Dist.	c.c.	Fy	Mx	Mz	Spост.Z	Rotaz.X	Rotaz.Y	Press. Suolo
37.778	3	-2.707e+002	-9.710e+001	+2.830e+004	-2.489e-001	+3.550e-005	-4.180e-006	0.24891
37.778	4	-2.522e+002	-5.217e+001	+2.680e+004	-2.385e-001	+3.282e-005	-4.895e-006	0.23850
37.778	5	-2.412e+002	-4.196e+001	+2.650e+004	-2.325e-001	+3.301e-005	-5.407e-006	0.23252
37.778	7	-2.997e+002	-1.104e+002	+2.859e+004	-2.646e-001	+3.348e-005	-2.746e-006	0.26462
75.556	1	+2.594e+002	-4.196e+001	+2.616e+004	-2.325e-001	+3.304e-005	+5.895e-006	0.23253
75.556	2	+3.998e+002	-1.351e+002	+3.645e+004	-3.342e-001	+4.487e-005	+1.129e-005	0.33418
75.556	3	+2.919e+002	-9.710e+001	+2.791e+004	-2.490e-001	+3.555e-005	+7.885e-006	0.24898
75.556	4	+2.711e+002	-5.217e+001	+2.644e+004	-2.385e-001	+3.285e-005	+6.532e-006	0.23853
75.556	5	+2.594e+002	-4.196e+001	+2.616e+004	-2.325e-001	+3.304e-005	+5.895e-006	0.23253
75.556	7	+3.224e+002	-1.104e+002	+2.817e+004	-2.648e-001	+3.353e-005	+9.439e-006	0.26475
113.333	1	-2.594e+002	+4.196e+001	-1.636e+004	-2.330e-001	+3.305e-005	+1.502e-005	0.23298
113.333	2	-3.998e+002	+1.351e+002	-2.135e+004	-3.349e-001	+4.493e-005	+2.369e-005	0.33493
113.333	3	-2.919e+002	+9.710e+001	-1.688e+004	-2.495e-001	+3.559e-005	+1.750e-005	0.24952
113.333	4	-2.711e+002	+5.217e+001	-1.620e+004	-2.390e-001	+3.287e-005	+1.569e-005	0.23900
113.333	5	-2.594e+002	+4.196e+001	-1.636e+004	-2.330e-001	+3.305e-005	+1.502e-005	0.23298
113.333	7	-3.224e+002	+1.104e+002	-1.599e+004	-2.654e-001	+3.358e-005	+1.892e-005	0.26535

TRAVE NUMERO: 28 - LUNGHEZZA: 113.33

Dist.	c.c.	Fy	Mx	Mz	Spост.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	1	+4.466e+002	-1.567e+004	+2.161e+004	-2.330e-001	+3.305e-005	+1.502e-005	0.23298
0.000	2	+6.216e+002	-2.323e+004	+2.910e+004	-3.349e-001	+4.493e-005	+2.369e-005	0.33493
0.000	3	+4.828e+002	-1.753e+004	+2.273e+004	-2.495e-001	+3.559e-005	+1.750e-005	0.24952
0.000	4	+4.488e+002	-1.607e+004	+2.158e+004	-2.390e-001	+3.287e-005	+1.569e-005	0.23900
0.000	5	+4.466e+002	-1.567e+004	+2.161e+004	-2.330e-001	+3.305e-005	+1.502e-005	0.23298
0.000	7	+4.737e+002	-1.819e+004	+2.205e+004	-2.654e-001	+3.358e-005	+1.892e-005	0.26535
37.778	1	+6.992e+002	-1.567e+004	+4.737e+003	-2.337e-001	+4.039e-005	+2.067e-005	0.23374
37.778	2	+1.011e+003	-2.323e+004	+5.615e+003	-3.361e-001	+5.581e-005	+3.114e-005	0.33609
37.778	3	+7.669e+002	-1.753e+004	+4.488e+003	-2.504e-001	+4.381e-005	+2.334e-005	0.25039
37.778	4	+7.129e+002	-1.607e+004	+4.623e+003	-2.398e-001	+4.039e-005	+2.131e-005	0.23979
37.778	5	+6.992e+002	-1.567e+004	+4.737e+003	-2.337e-001	+4.039e-005	+2.067e-005	0.23374
37.778	7	+7.878e+002	-1.819e+004	+4.158e+003	-2.663e-001	+4.210e-005	+2.454e-005	0.26627
75.556	1	+9.535e+002	-1.567e+004	-2.168e+004	-2.346e-001	+4.773e-005	+1.704e-005	0.23460
75.556	2	+1.403e+003	-2.323e+004	-3.257e+004	-3.374e-001	+6.670e-005	+2.536e-005	0.33736
75.556	3	+1.053e+003	-1.753e+004	-2.448e+004	-2.513e-001	+5.202e-005	+1.905e-005	0.25134
75.556	4	+9.786e+002	-1.607e+004	-2.231e+004	-2.407e-001	+4.792e-005	+1.751e-005	0.24067
75.556	5	+9.535e+002	-1.567e+004	-2.168e+004	-2.346e-001	+4.773e-005	+1.704e-005	0.23460
75.556	7	+1.104e+003	-1.819e+004	-2.560e+004	-2.673e-001	+5.063e-005	+1.994e-005	0.26727
113.333	1	-9.535e+002	+1.567e+004	+5.770e+004	-2.351e-001	+5.507e-005	+7.050e-011	0.23512
113.333	2	-1.403e+003	+2.323e+004	+8.556e+004	-3.381e-001	+7.758e-005	+1.084e-010	0.33813
113.333	3	-1.053e+003	+1.753e+004	+6.425e+004	-2.519e-001	+6.023e-005	+8.216e-011	0.25192
113.333	4	-9.786e+002	+1.607e+004	+5.928e+004	-2.412e-001	+5.545e-005	+7.254e-011	0.24121
113.333	5	-9.535e+002	+1.567e+004	+5.770e+004	-2.351e-001	+5.507e-005	+7.050e-011	0.23512
113.333	7	-1.104e+003	+1.819e+004	+6.730e+004	-2.679e-001	+5.915e-005	+8.452e-011	0.26787

TRAVE NUMERO: 29 - LUNGHEZZA: 113.33

Dist.	c.c.	Fy	Mx	Mz	Spост.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	1	-2.083e+002	+7.475e+002	+3.115e+004	-2.361e-001	+3.344e-005	-4.271e-005	0.23610
0.000	2	-3.019e+002	+7.666e+002	+4.342e+004	-3.363e-001	+4.525e-005	-4.875e-005	0.33626
0.000	3	-2.233e+002	+5.392e+002	+3.345e+004	-2.513e-001	+3.559e-005	-4.008e-005	0.25129
0.000	4	-2.145e+002	+7.461e+002	+3.142e+004	-2.416e-001	+3.333e-005	-4.113e-005	0.24159
0.000	5	-2.083e+002	+7.475e+002	+3.115e+004	-2.361e-001	+3.344e-005	-4.271e-005	0.23610
0.000	7	-2.407e+002	+6.377e+002	+3.336e+004	-2.657e-001	+3.406e-005	-3.504e-005	0.26566
37.778	1	-2.083e+002	+7.475e+002	+3.902e+004	-2.347e-001	+3.309e-005	-2.765e-005	0.23473
37.778	2	-3.019e+002	+7.666e+002	+5.483e+004	-3.347e-001	+4.489e-005	-2.766e-005	0.33475
37.778	3	-2.233e+002	+5.392e+002	+4.189e+004	-2.500e-001	+3.534e-005	-2.391e-005	0.25003
37.778	4	-2.145e+002	+7.461e+002	+3.952e+004	-2.403e-001	+3.298e-005	-2.590e-005	0.24028
37.778	5	-2.083e+002	+7.475e+002	+3.902e+004	-2.347e-001	+3.309e-005	-2.765e-005	0.23473
37.778	7	-2.407e+002	+6.377e+002	+4.245e+004	-2.646e-001	+3.376e-005	-1.877e-005	0.26460
75.556	1	+2.993e+002	+7.475e+002	+3.728e+004	-2.340e-001	+3.274e-005	-1.127e-005	0.23400
75.556	2	+4.705e+002	+7.666e+002	+5.162e+004	-3.342e-001	+4.453e-005	-4.808e-006	0.33416
75.556	3	+3.424e+002	+5.392e+002	+3.962e+004	-2.495e-001	+3.509e-005	-6.414e-006	0.24947
75.556	4	+3.142e+002	+7.461e+002	+3.762e+004	-2.396e-001	+3.263e-005	-9.341e-006	0.23963
75.556	5	+2.993e+002	+7.475e+002	+3.728e+004	-2.340e-001	+3.274e-005	-1.127e-005	0.23400
75.556	7	+3.805e+002	+6.377e+002	+3.979e+004	-2.642e-001	+3.346e-005	-1.119e-006	0.26424
113.333	1	-2.993e+002	-7.475e+002	-2.597e+004	-2.339e-001	+3.239e-005	+2.305e-006	0.23389
113.333	2	-4.705e+002	-7.666e+002	-3.384e+004	-3.344e-001	+4.417e-005	+1.354e-005	0.33442
113.333	3	-3.424e+002	-5.392e+002	-2.668e+004	-2.496e-001	+3.484e-005	+7.816e-006	0.24957
113.333	4	-3.142e+002	-7.461e+002	-2.575e+004	-2.396e-001	+3.228e-005	+4.260e-006	0.23959
113.333	5	-2.993e+002	-7.475e+002	-2.597e+004	-2.339e-001	+3.239e-005	+2.305e-006	0.23389
113.333	7	-3.805e+002	-6.377e+002	-2.542e+004	-2.645e-001	+3.317e-005	+1.288e-005	0.26454

TRAVE NUMERO: 30 - LUNGHEZZA: 113.33

Dist.	c.c.	Fy	Mx	Mz	Spост.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	1	+4.747e+002	-1.578e+004	+3.097e+004	-2.339e-001	+3.239e-005	+2.305e-006	0.23389
0.000	2	+6.779e+002	-2.326e+004	+4.138e+004	-3.344e-001	+4.417e-005	+1.354e-005	0.33442
0.000	3	+5.217e+002	-1.764e+004	+3.234e+004	-2.496e-001	+3.484e-005	+7.816e-006	0.24957

Dist.	c.c.	Fy	Mx	Mz	Spost.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	4	+4.804e+002	-1.614e+004	+3.089e+004	-2.396e-001	+3.228e-005	+4.260e-006	0.23959
0.000	5	+4.747e+002	-1.578e+004	+3.097e+004	-2.339e-001	+3.239e-005	+2.305e-006	0.23389
0.000	7	+5.212e+002	-1.814e+004	+3.134e+004	-2.645e-001	+3.317e-005	+1.288e-005	0.26454
37.778	1	+7.283e+002	-1.578e+004	+1.304e+004	-2.343e-001	+3.978e-005	+1.175e-005	0.23426
37.778	2	+1.066e+003	-2.326e+004	+1.577e+004	-3.353e-001	+5.507e-005	+2.580e-005	0.33530
37.778	3	+8.053e+002	-1.764e+004	+1.263e+004	-2.502e-001	+4.310e-005	+1.747e-005	0.25016
37.778	4	+7.449e+002	-1.614e+004	+1.274e+004	-2.400e-001	+3.984e-005	+1.363e-005	0.24003
37.778	5	+7.283e+002	-1.578e+004	+1.304e+004	-2.343e-001	+3.978e-005	+1.175e-005	0.23426
37.778	7	+8.335e+002	-1.814e+004	+1.165e+004	-2.653e-001	+4.166e-005	+2.211e-005	0.26530
75.556	1	+9.830e+002	-1.578e+004	-1.447e+004	-2.348e-001	+4.717e-005	+1.144e-005	0.23484
75.556	2	+1.456e+003	-2.326e+004	-2.449e+004	-3.365e-001	+6.597e-005	+2.393e-005	0.33646
75.556	3	+1.090e+003	-1.764e+004	-1.779e+004	-2.510e-001	+5.136e-005	+1.636e-005	0.25096
75.556	4	+1.011e+003	-1.614e+004	-1.540e+004	-2.407e-001	+4.739e-005	+1.306e-005	0.24069
75.556	5	+9.830e+002	-1.578e+004	-1.447e+004	-2.348e-001	+4.717e-005	+1.144e-005	0.23484
75.556	7	+1.148e+003	-1.814e+004	-1.983e+004	-2.663e-001	+5.016e-005	+2.035e-005	0.26628
113.333	1	-9.830e+002	+1.578e+004	+5.161e+004	-2.352e-001	+5.456e-005	-2.740e-006	0.23521
113.333	2	-1.456e+003	+2.326e+004	+7.948e+004	-3.372e-001	+7.686e-005	+1.614e-006	0.33724
113.333	3	-1.090e+003	+1.764e+004	+5.899e+004	-2.515e-001	+5.962e-005	-1.177e-007	0.25149
113.333	4	-1.011e+003	+1.614e+004	+5.358e+004	-2.411e-001	+5.495e-005	-1.750e-006	0.24111
113.333	5	-9.830e+002	+1.578e+004	+5.161e+004	-2.352e-001	+5.456e-005	-2.740e-006	0.23521
113.333	7	-1.148e+003	+1.814e+004	+6.319e+004	-2.669e-001	+5.865e-005	+2.532e-006	0.26694

PRESSIONE MASSIMA NEL GRUPPO

Numero trave	Pressione	Distanza
1	0.344	0.000

## FORZE MOMENTI PER GRUPPI VINCOLO

[illegible]

[illegible]

[illegible]

[illegible]



[illegible]

TABELLA MASSE ECCITATE

TRASLAZIONE CENTRO DELLE MASSE: +EX

FREQUENZE PROPRIE DI OSCILLAZIONE

Numero	Pulsazione	Frequenza	Periodo	Precisione
1	2.442e+001	3.887e+000	2.573e-001	4.441e-016
2	4.068e+001	6.474e+000	1.545e-001	4.441e-016
3	4.497e+001	7.158e+000	1.397e-001	4.441e-016
4	6.451e+001	1.027e+001	9.739e-002	4.441e-016
5	7.301e+001	1.162e+001	8.606e-002	4.441e-016
6	8.452e+001	1.345e+001	7.434e-002	4.441e-016
7	8.944e+001	1.424e+001	7.025e-002	4.441e-016
8	1.115e+002	1.774e+001	5.637e-002	4.441e-016
9	1.204e+002	1.916e+001	5.219e-002	4.441e-016
10	1.579e+002	2.513e+001	3.980e-002	4.441e-016

COEFFICIENTI DI PARTECIPAZIONE MODALE

Modo	Direz.X	Direz.Y
1	-3.480e-007	6.075e+000
2	9.076e-008	3.382e-001
3	-5.732e+000	-2.940e-007
4	-5.656e-008	1.980e-007
5	-2.831e+000	4.154e-007
6	2.000e-006	2.836e-007
7	-6.762e-007	-2.166e+000
8	3.725e-008	-4.701e-002
9	9.256e-001	1.123e-007
10	3.692e-008	1.627e-001

MASSA ECCITATA

Modo	Direz.X	%	Direz.Y	%	Direz.Z	%
Modo: 1	+1.21e-013	0	+3.69e+001	88	+4.15e-015	0
Progressiva	+1.21e-013	0	+3.69e+001	88	+4.15e-015	0
Modo: 2	+8.24e-015	0	+1.14e-001	0	+1.25e-015	0
Progressiva	+1.29e-013	0	+3.70e+001	89	+5.40e-015	0
Modo: 3	+3.29e+001	79	+8.64e-014	0	+1.74e-013	0
Progressiva	+3.29e+001	79	+3.70e+001	89	+1.79e-013	0
Modo: 4	+3.20e-015	0	+3.92e-014	0	+1.32e+001	32
Progressiva	+3.29e+001	79	+3.70e+001	89	+1.32e+001	32
Modo: 5	+8.02e+000	19	+1.73e-013	0	+1.06e-012	0
Progressiva	+4.09e+001	98	+3.70e+001	89	+1.32e+001	32
Modo: 6	+4.00e-012	0	+8.04e-014	0	+5.37e-003	0
Progressiva	+4.09e+001	98	+3.70e+001	89	+1.32e+001	32
Modo: 7	+4.57e-013	0	+4.69e+000	11	+2.82e-014	0
Progressiva	+4.09e+001	98	+4.17e+001	100	+1.32e+001	32
Modo: 8	+1.39e-015	0	+2.21e-003	0	+9.04e-015	0
Progressiva	+4.09e+001	98	+4.17e+001	100	+1.32e+001	32
Modo: 9	+8.57e-001	2	+1.26e-014	0	+5.91e-014	0
Progressiva	+4.17e+001	100	+4.17e+001	100	+1.32e+001	32
Modo: 10	+1.36e-015	0	+2.65e-002	0	+6.66e-016	0
Progressiva	+4.17e+001	100	+4.17e+001	100	+1.32e+001	32

MASSA TOTALE ECCITABILE

Direzione X	Direzione Y	Direzione Z
+4.17e+001	+4.17e+001	+4.17e+001

TRASLAZIONE CENTRO DELLE MASSE: -EX

FREQUENZE PROPRIE DI OSCILLAZIONE

Numero	Pulsazione	Frequenza	Periodo	Precisione
--------	------------	-----------	---------	------------

Numero	Pulsazione	Frequenza	Periodo	Precisione
1	2.442e+001	3.887e+000	2.573e-001	4.441e-016
2	4.068e+001	6.474e+000	1.545e-001	4.441e-016
3	4.497e+001	7.158e+000	1.397e-001	4.441e-016
4	6.451e+001	1.027e+001	9.739e-002	4.441e-016
5	7.301e+001	1.162e+001	8.606e-002	4.441e-016
6	8.452e+001	1.345e+001	7.434e-002	4.441e-016
7	8.944e+001	1.424e+001	7.025e-002	4.441e-016
8	1.115e+002	1.774e+001	5.637e-002	4.441e-016
9	1.204e+002	1.916e+001	5.219e-002	4.441e-016
10	1.579e+002	2.513e+001	3.980e-002	4.441e-016

## COEFFICIENTI DI PARTECIPAZIONE MODALE

Modo	Direz.X	Direz.Y
1	-3.386e-007	6.075e+000
2	5.769e-007	-3.382e-001
3	-5.732e+000	-3.220e-007
4	5.656e-008	-1.945e-007
5	-2.831e+000	4.069e-007
6	2.000e-006	2.796e-007
7	-6.672e-007	-2.166e+000
8	4.859e-008	4.701e-002
9	9.256e-001	1.117e-007
10	3.693e-008	1.627e-001

## MASSA ECCITATA

Modo	Direz.X	%	Direz.Y	%	Direz.Z	%
Modo: 1	+1.15e-013	0	+3.69e+001	88	+3.47e-015	0
Progressiva	+1.15e-013	0	+3.69e+001	88	+3.47e-015	0
Modo: 2	+3.33e-013	0	+1.14e-001	0	+6.25e-015	0
Progressiva	+4.47e-013	0	+3.70e+001	89	+9.72e-015	0
Modo: 3	+3.29e+001	79	+1.04e-013	0	+1.74e-013	0
Progressiva	+3.29e+001	79	+3.70e+001	89	+1.83e-013	0
Modo: 4	+3.20e-015	0	+3.78e-014	0	+1.32e+001	32
Progressiva	+3.29e+001	79	+3.70e+001	89	+1.32e+001	32
Modo: 5	+8.02e+000	19	+1.66e-013	0	+1.06e-012	0
Progressiva	+4.09e+001	98	+3.70e+001	89	+1.32e+001	32
Modo: 6	+4.00e-012	0	+7.82e-014	0	+5.37e-003	0
Progressiva	+4.09e+001	98	+3.70e+001	89	+1.32e+001	32
Modo: 7	+4.45e-013	0	+4.69e+000	11	+2.41e-014	0
Progressiva	+4.09e+001	98	+4.17e+001	100	+1.32e+001	32
Modo: 8	+2.36e-015	0	+2.21e-003	0	+9.50e-015	0
Progressiva	+4.09e+001	98	+4.17e+001	100	+1.32e+001	32
Modo: 9	+8.57e-001	2	+1.25e-014	0	+5.91e-014	0
Progressiva	+4.17e+001	100	+4.17e+001	100	+1.32e+001	32
Modo: 10	+1.36e-015	0	+2.65e-002	0	+6.64e-016	0
Progressiva	+4.17e+001	100	+4.17e+001	100	+1.32e+001	32

## MASSA TOTALE ECCITABILE

Direzione X	Direzione Y	Direzione Z
+4.17e+001	+4.17e+001	+4.17e+001

## TRASLAZIONE CENTRO DELLE MASSE: +EY

## FREQUENZE PROPRIE DI OSCILLAZIONE

Numero	Pulsazione	Frequenza	Periodo	Precisione
1	2.455e+001	3.907e+000	2.559e-001	4.441e-016
2	4.044e+001	6.436e+000	1.554e-001	4.441e-016
3	4.507e+001	7.172e+000	1.394e-001	4.441e-016
4	6.451e+001	1.027e+001	9.739e-002	4.441e-016
5	7.302e+001	1.162e+001	8.605e-002	4.441e-016

Numero	Pulsazione	Frequenza	Periodo	Precisione
6	8.452e+001	1.345e+001	7.434e-002	4.441e-016
7	8.932e+001	1.422e+001	7.035e-002	4.441e-016
8	1.115e+002	1.774e+001	5.637e-002	4.441e-016
9	1.204e+002	1.916e+001	5.219e-002	4.441e-016
10	1.579e+002	2.513e+001	3.980e-002	4.441e-016

## COEFFICIENTI DI PARTECIPAZIONE MODALE

Modo	Direz.X	Direz.Y
1	-3.718e-007	6.084e+000
2	8.950e-001	4.697e-007
3	-5.661e+000	-2.551e-007
4	-5.727e-008	1.968e-007
5	-2.833e+000	4.136e-007
6	2.002e-006	2.888e-007
7	-6.743e-007	-2.167e+000
8	6.432e-003	-1.737e-007
9	9.258e-001	1.101e-007
10	3.772e-008	1.624e-001

## MASSA ECCITATA

Modo	Direz.X	%	Direz.Y	%	Direz.Z	%
Modo: 1	+1.38e-013	0	+3.70e+001	89	+3.93e-015	0
Progressiva	+1.38e-013	0	+3.70e+001	89	+3.93e-015	0
Modo: 2	+8.01e-001	2	+2.21e-013	0	+1.69e-016	0
Progressiva	+8.01e-001	2	+3.70e+001	89	+4.10e-015	0
Modo: 3	+3.20e+001	77	+6.51e-014	0	+1.81e-013	0
Progressiva	+3.28e+001	79	+3.70e+001	89	+1.85e-013	0
Modo: 4	+3.28e-015	0	+3.87e-014	0	+1.32e+001	32
Progressiva	+3.28e+001	79	+3.70e+001	89	+1.32e+001	32
Modo: 5	+8.02e+000	19	+1.71e-013	0	+1.06e-012	0
Progressiva	+4.09e+001	98	+3.70e+001	89	+1.32e+001	32
Modo: 6	+4.01e-012	0	+8.34e-014	0	+5.37e-003	0
Progressiva	+4.09e+001	98	+3.70e+001	89	+1.32e+001	32
Modo: 7	+4.55e-013	0	+4.70e+000	11	+2.66e-014	0
Progressiva	+4.09e+001	98	+4.17e+001	100	+1.32e+001	32
Modo: 8	+4.14e-005	0	+3.02e-014	0	+8.63e-015	0
Progressiva	+4.09e+001	98	+4.17e+001	100	+1.32e+001	32
Modo: 9	+8.57e-001	2	+1.21e-014	0	+5.93e-014	0
Progressiva	+4.17e+001	100	+4.17e+001	100	+1.32e+001	32
Modo: 10	+1.42e-015	0	+2.64e-002	0	+6.65e-016	0
Progressiva	+4.17e+001	100	+4.17e+001	100	+1.32e+001	32

## MASSA TOTALE ECCITABILE

Direzione X	Direzione Y	Direzione Z
+4.17e+001	+4.17e+001	+4.17e+001

## TRASLAZIONE CENTRO DELLE MASSE: -EY

## FREQUENZE PROPRIE DI OSCILLAZIONE

Numero	Pulsazione	Frequenza	Periodo	Precisione
1	2.455e+001	3.907e+000	2.559e-001	4.441e-016
2	4.044e+001	6.436e+000	1.554e-001	4.441e-016
3	4.507e+001	7.172e+000	1.394e-001	4.441e-016
4	6.451e+001	1.027e+001	9.739e-002	4.441e-016
5	7.302e+001	1.162e+001	8.605e-002	4.441e-016
6	8.452e+001	1.345e+001	7.434e-002	4.441e-016
7	8.932e+001	1.422e+001	7.035e-002	4.441e-016
8	1.115e+002	1.774e+001	5.637e-002	4.441e-016
9	1.204e+002	1.916e+001	5.219e-002	4.441e-016
10	1.579e+002	2.513e+001	3.980e-002	4.441e-016

COEFFICIENTI DI PARTECIPAZIONE MODALE

Modo	Direz.X	Direz.Y
1	-3.272e-007	6.084e+000
2	-8.950e-001	3.676e-007
3	-5.661e+000	-3.377e-007
4	-5.583e-008	1.968e-007
5	-2.833e+000	4.147e-007
6	2.001e-006	2.888e-007
7	-6.784e-007	-2.167e+000
8	-6.432e-003	-1.762e-007
9	9.258e-001	1.128e-007
10	3.602e-008	1.624e-001

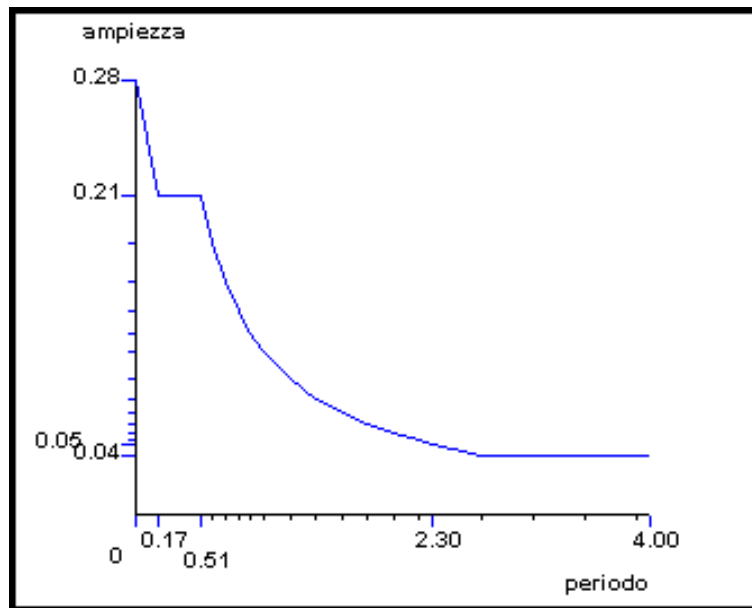
MASSA ECCITATA

Modo	Direz.X	%	Direz.Y	%	Direz.Z	%
Modo: 1	+1.07e-013	0	+3.70e+001	89	+3.93e-015	0
Progressiva	+1.07e-013	0	+3.70e+001	89	+3.93e-015	0
Modo: 2	+8.01e-001	2	+1.35e-013	0	+9.90e-015	0
Progressiva	+8.01e-001	2	+3.70e+001	89	+1.38e-014	0
Modo: 3	+3.20e+001	77	+1.14e-013	0	+1.64e-013	0
Progressiva	+3.28e+001	79	+3.70e+001	89	+1.78e-013	0
Modo: 4	+3.12e-015	0	+3.87e-014	0	+1.32e+001	32
Progressiva	+3.28e+001	79	+3.70e+001	89	+1.32e+001	32
Modo: 5	+8.02e+000	19	+1.72e-013	0	+1.05e-012	0
Progressiva	+4.09e+001	98	+3.70e+001	89	+1.32e+001	32
Modo: 6	+4.01e-012	0	+8.34e-014	0	+5.37e-003	0
Progressiva	+4.09e+001	98	+3.70e+001	89	+1.32e+001	32
Modo: 7	+4.60e-013	0	+4.70e+000	11	+2.66e-014	0
Progressiva	+4.09e+001	98	+4.17e+001	100	+1.32e+001	32
Modo: 8	+4.14e-005	0	+3.10e-014	0	+9.96e-015	0
Progressiva	+4.09e+001	98	+4.17e+001	100	+1.32e+001	32
Modo: 9	+8.57e-001	2	+1.27e-014	0	+5.89e-014	0
Progressiva	+4.17e+001	100	+4.17e+001	100	+1.32e+001	32
Modo: 10	+1.30e-015	0	+2.64e-002	0	+6.65e-016	0
Progressiva	+4.17e+001	100	+4.17e+001	100	+1.32e+001	32

MASSA TOTALE ECCITABILE

Direzione X	Direzione Y	Direzione Z
+4.17e+001	+4.17e+001	+4.17e+001

Grafico spettri Norme Tecniche delle Costruzioni



Fattore di importanza  $\gamma_i$  1.1 applicato

*Spettri orizzontali:*

Num.	Periodo	A.slu X
1	0.000	0.2794
2	0.170	0.2058
3	0.510	0.2058
4	0.600	0.1748
5	0.700	0.1498
6	0.800	0.1311
7	0.900	0.1165
8	1.000	0.1049
9	1.200	0.0874
10	1.400	0.0749
11	1.600	0.0655
12	1.800	0.0583
13	2.000	0.0524
14	2.200	0.0477
15	2.304	0.0455
16	2.700	0.0387
17	3.100	0.0387
18	3.500	0.0387
19	3.900	0.0387
20	4.000	0.0387

Lavoro: **Strutturale** Intestazione lavoro: **Strutturale SLV**  
Elemento: **TRAVE DI FONDAZIONE** Gruppo: **1** Tabella: **Tabella fondazioni**  
Descrizione: **Travi di fondazione**  
Spunt. I **30.0** cm Spunt. J **30.0** cm  
Rck: **350.00** kg/cm² fyk: **4580.0** kg/cm² Copriferro: **3.0** cm  
Verifica in ottemperanza alle NTC2008 x/d <= **0.30**  
Diametro staffe: **8** mm Numero braccia: **2**

Nome travata: **Travi di fondazione01\_IP1** Descrizione: **Travi di fondazione 1-2-3-4-5**  
**ASTA NUM. 1** NI 1 NF 69 SEZ. Rp B= 50.0 H= 40.0 (trave di fondazione)

armatura base = 4 X 1.13 per le armature aggiuntive consultare il tabulato

NC	x	Fx	Fy	Fz	Mx	My	Mz	APOST	AANT	AINF	ASUP	x/d	Indice	resistenza	aswta	aswto	PASSO	
	cm		kg			kg*m			cmq				Fx,M	Bielle	V,Mx	cmq/m	cm	
1A	0	-0	-1241	0	359	0	817	2.26	2.26	4.52	4.52	0.08	0.25	0.04	0.48	0.00	0.00	29.6
1B	0	-0	-504	0	359	0	-619	2.26	2.26	4.52	4.52	0.08	0.19	0.03	0.39	0.00	0.00	29.6
1I	0	-0	-1533	0	565	0	755	2.26	2.26	4.52	4.52	0.08	0.23	0.06	0.70	0.00	0.00	29.6
1J	0	-0	-212	0	565	0	-436	2.26	2.26	4.52	4.52	0.08	0.13	0.04	0.54	0.00	0.00	29.6
2	0	-0	-1226	0	256	0	259	2.26	2.26	4.52	4.52	0.08	0.08	0.04	0.38	0.00	0.00	29.6
7	0	-0	-954	0	202	0	195	2.26	2.26	4.52	4.52	0.08	0.06	0.03	0.30	0.00	0.00	29.6

apost= -- aant= -- ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	19	-0	-1241	0	359	0	817	2.26	2.26	4.52	4.52	0.08	0.25	0.04	0.48	0.00	0.00	29.6
1B	19	-0	-504	0	359	0	-588	2.26	2.26	4.52	4.52	0.08	0.18	0.03	0.39	0.00	0.00	29.6
1I	19	-0	-1533	0	565	0	755	2.26	2.26	4.52	4.52	0.08	0.23	0.06	0.70	0.00	0.00	29.6
1J	19	-0	-212	0	565	0	-347	2.26	2.26	4.52	4.52	0.08	0.11	0.04	0.54	0.00	0.00	29.6
2	19	-0	-1226	0	256	0	259	2.26	2.26	4.52	4.52	0.08	0.08	0.04	0.38	0.00	0.00	29.6
7	19	-0	-954	0	202	0	195	2.26	2.26	4.52	4.52	0.08	0.06	0.03	0.30	0.00	0.00	29.6

apost= -- aant= -- ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	38	-0	-1241	0	359	0	948	2.26	2.26	4.52	4.52	0.08	0.29	0.04	0.48	0.00	0.00	29.6
1B	38	-0	-504	0	359	0	-654	2.26	2.26	4.52	4.52	0.08	0.20	0.03	0.39	0.00	0.00	29.6
1I	38	-0	-1533	0	565	0	886	2.26	2.26	4.52	4.52	0.08	0.27	0.06	0.70	0.00	0.00	29.6
1J	38	-0	-212	0	565	0	-389	2.26	2.26	4.52	4.52	0.08	0.12	0.04	0.54	0.00	0.00	29.6
2	38	-0	-1226	0	256	0	-496	2.26	2.26	4.52	4.52	0.08	0.15	0.04	0.38	0.00	0.00	29.6
7	38	-0	-954	0	202	0	-381	2.26	2.26	4.52	4.52	0.08	0.12	0.03	0.30	0.00	0.00	29.6

apost= -- aant= -- ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	57	-0	-971	0	359	0	725	2.26	2.26	4.52	4.52	0.08	0.22	0.04	0.45	0.00	0.00	29.6
1B	57	-0	-244	0	359	0	-642	2.26	2.26	4.52	4.52	0.08	0.20	0.03	0.36	0.00	0.00	29.6
1I	57	-0	-1140	0	565	0	616	2.26	2.26	4.52	4.52	0.08	0.19	0.06	0.65	0.00	0.00	29.6
1J	57	-0	-75	0	565	0	-392	2.26	2.26	4.52	4.52	0.08	0.12	0.04	0.52	0.00	0.00	29.6
2	57	-0	-827	0	256	0	-496	2.26	2.26	4.52	4.52	0.08	0.15	0.03	0.33	0.00	0.00	29.6
7	57	-0	-634	0	202	0	-381	2.26	2.26	4.52	4.52	0.08	0.12	0.02	0.26	0.00	0.00	29.6

apost= -- aant= -- ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	76	-0	-971	0	359	0	558	2.26	2.26	4.52	4.52	0.08	0.17	0.04	0.45	0.00	0.00	29.6
1B	76	-0	-244	0	359	0	-654	2.26	2.26	4.52	4.52	0.08	0.20	0.03	0.36	0.00	0.00	29.6
1I	76	-0	-1140	0	565	0	-503	2.26	2.26	4.52	4.52	0.08	0.16	0.06	0.65	0.00	0.00	29.6
1J	76	-0	-75	0	565	0	-453	2.26	2.26	4.52	4.52	0.08	0.14	0.04	0.52	0.00	0.00	29.6
2	76	-0	-827	0	256	0	-496	2.26	2.26	4.52	4.52	0.08	0.15	0.03	0.33	0.00	0.00	29.6
7	76	-0	-634	0	202	0	-381	2.26	2.26	4.52	4.52	0.08	0.12	0.02	0.26	0.00	0.00	29.6

apost= -- aant= -- ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	94	-0	-708	0	359	0	343	2.26	2.26	4.52	4.52	0.08	0.11	0.04	0.41	0.00	0.00	29.6
1B	94	-0	14	0	359	0	-635	2.26	2.26	4.52	4.52	0.08	0.20	0.03	0.33	0.00	0.00	29.6
1I	94	-0	-755	0	565	0	-401	2.26	2.26	4.52	4.52	0.08	0.12	0.05	0.61	0.00	0.00	29.6
1J	94	-0	61	0	565	0	-519	2.26	2.26	4.52	4.52	0.08	0.16	0.04	0.52	0.00	0.00	29.6
2	94	-0	-433	0	256	0	-496	2.26	2.26	4.52	4.52	0.08	0.15	0.03	0.29	0.00	0.00	29.6
7	94	-0	-318	0	202	0	-381	2.26	2.26	4.52	4.52	0.08	0.12	0.02	0.22	0.00	0.00	29.6

apost= -- aant= -- ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	113	-0	-708	0	359	0	-352	2.26	2.26	4.52	4.52	0.08	0.11	0.04	0.41	0.00	0.00	29.6
1B	113	-0	14	0	359	0	-654	2.26	2.26	4.52	4.52	0.08	0.20	0.03	0.33	0.00	0.00	29.6
1I	113	-0	-755	0	565	0	-460	2.26	2.26	4.52	4.52	0.08	0.14	0.05	0.61	0.00	0.00	29.6
1J	113	-0	61	0	565	0	-591	2.26	2.26	4.52	4.52	0.08	0.18	0.04	0.52	0.00	0.00	29.6
2	113	-0	-433	0	256	0	-496	2.26	2.26	4.52	4.52	0.08	0.15	0.03	0.29	0.00	0.00	29.6
7	113	-0	-318	0	202	0	-381	2.26	2.26	4.52	4.52	0.08	0.12	0.02	0.22	0.00	0.00	29.6

apost= -- aant= -- ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

Nome travata: **Travi di fondazione01\_IP1** Descrizione: **Travi di fondazione 1-2-3-4-5**  
**ASTA NUM. 29** NI 69 NF 70 SEZ. Rp B= 50.0 H= 40.0 (trave di fondazione)

armatura base = 4 X 1.13 per le armature aggiuntive consultare il tabulato

NC	x	Fx	Fy	Fz	Mx	My	Mz	APOST	AANT	AINF	ASUP	x/d	Indice	resistenza	aswta	aswto	PASSO	
	cm	kg			kg*m			cmq					Fx,M	Bielle	V,Mx	cmq/m	cm	
1A	0	-0	-417	0	83	0	24	2.26	2.26	4.52	4.52	0.08	0.01	0.01	0.13	0.00	0.00	29.6
1B	0	-0	0	0	83	0	-647	2.26	2.26	4.52	4.52	0.08	0.20	0.01	0.08	0.00	0.00	29.6
1I	0	-0	-437	0	144	0	-304	2.26	2.26	4.52	4.52	0.08	0.09	0.02	0.18	0.00	0.00	29.6
1J	0	-0	21	0	144	0	-510	2.26	2.26	4.52	4.52	0.08	0.16	0.01	0.13	0.00	0.00	29.6
2	0	-0	-302	0	8	0	-548	2.26	2.26	4.52	4.52	0.08	0.17	0.00	0.04	0.00	0.00	29.6
7	0	-0	-241	0	6	0	-425	2.26	2.26	4.52	4.52	0.08	0.13	0.00	0.04	0.00	0.00	29.6

apost= --

aant= --

ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	19	-0	-417	0	83	0	-211	2.26	2.26	4.52	4.52	0.08	0.07	0.01	0.13	0.00	0.00	29.6
1B	19	-0	0	0	83	0	-665	2.26	2.26	4.52	4.52	0.08	0.21	0.01	0.08	0.00	0.00	29.6
1I	19	-0	-437	0	144	0	-334	2.26	2.26	4.52	4.52	0.08	0.10	0.02	0.18	0.00	0.00	29.6
1J	19	-0	21	0	144	0	-559	2.26	2.26	4.52	4.52	0.08	0.17	0.01	0.13	0.00	0.00	29.6
2	19	-0	-302	0	8	0	-548	2.26	2.26	4.52	4.52	0.08	0.17	0.00	0.04	0.00	0.00	29.6
7	19	-0	-241	0	6	0	-425	2.26	2.26	4.52	4.52	0.08	0.13	0.00	0.04	0.00	0.00	29.6

apost= --

aant= --

ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	38	-0	-417	0	83	0	-272	2.26	2.26	4.52	4.52	0.08	0.08	0.01	0.13	0.00	0.00	29.6
1B	38	-0	248	0	83	0	-682	2.26	2.26	4.52	4.52	0.08	0.21	0.01	0.11	0.00	0.00	29.6
1I	38	-0	-437	0	144	0	-363	2.26	2.26	4.52	4.52	0.08	0.11	0.02	0.18	0.00	0.00	29.6
1J	38	-0	153	0	144	0	-663	2.26	2.26	4.52	4.52	0.08	0.20	0.01	0.15	0.00	0.00	29.6
2	38	-0	-302	0	8	0	-548	2.26	2.26	4.52	4.52	0.08	0.17	0.00	0.04	0.00	0.00	29.6
7	38	-0	-241	0	6	0	-425	2.26	2.26	4.52	4.52	0.08	0.13	0.00	0.04	0.00	0.00	29.6

apost= --

aant= --

ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	57	-0	-156	0	83	0	-187	2.26	2.26	4.52	4.52	0.08	0.06	0.01	0.09	0.00	0.00	29.6
1B	57	-0	248	0	83	0	-682	2.26	2.26	4.52	4.52	0.08	0.21	0.01	0.11	0.00	0.00	29.6
1I	57	-0	-61	0	144	0	-207	2.26	2.26	4.52	4.52	0.08	0.06	0.01	0.14	0.00	0.00	29.6
1J	57	-0	153	0	144	0	-645	2.26	2.26	4.52	4.52	0.08	0.20	0.01	0.15	0.00	0.00	29.6
2	57	-0	85	0	8	0	-548	2.26	2.26	4.52	4.52	0.08	0.17	0.00	0.02	0.00	0.00	29.6
7	57	-0	70	0	6	0	-425	2.26	2.26	4.52	4.52	0.08	0.13	0.00	0.01	0.00	0.00	29.6

apost= --

aant= --

ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	76	-0	-156	0	83	0	-210	2.26	2.26	4.52	4.52	0.08	0.06	0.01	0.09	0.00	0.00	29.6
1B	76	-0	560	0	83	0	-682	2.26	2.26	4.52	4.52	0.08	0.21	0.01	0.14	0.00	0.00	29.6
1I	76	-0	91	0	144	0	-220	2.26	2.26	4.52	4.52	0.08	0.07	0.01	0.14	0.00	0.00	29.6
1J	76	-0	507	0	144	0	-682	2.26	2.26	4.52	4.52	0.08	0.21	0.02	0.19	0.00	0.00	29.6
2	76	-0	470	0	8	0	-548	2.26	2.26	4.52	4.52	0.08	0.17	0.01	0.07	0.00	0.00	29.6
7	76	-0	381	0	6	0	-425	2.26	2.26	4.52	4.52	0.08	0.13	0.01	0.05	0.00	0.00	29.6

apost= --

aant= --

ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	94	-0	39	0	83	0	-146	2.26	2.26	4.52	4.52	0.08	0.05	0.01	0.08	0.00	0.00	29.6
1B	94	-0	560	0	83	0	-682	2.26	2.26	4.52	4.52	0.08	0.21	0.01	0.14	0.00	0.00	29.6
1I	94	-0	91	0	144	0	-190	2.26	2.26	4.52	4.52	0.08	0.06	0.01	0.14	0.00	0.00	29.6
1J	94	-0	507	0	144	0	-682	2.26	2.26	4.52	4.52	0.08	0.21	0.02	0.19	0.00	0.00	29.6
2	94	-0	470	0	8	0	-548	2.26	2.26	4.52	4.52	0.08	0.17	0.01	0.07	0.00	0.00	29.6
7	94	-0	381	0	6	0	-425	2.26	2.26	4.52	4.52	0.08	0.13	0.01	0.05	0.00	0.00	29.6

apost= --

aant= --

ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	113	-0	39	0	83	0	-130	2.26	2.26	4.52	4.52	0.08	0.04	0.01	0.08	0.00	0.00	29.6
1B	113	-0	560	0	83	0	-639	2.26	2.26	4.52	4.52	0.08	0.20	0.01	0.14	0.00	0.00	29.6
1I	113	-0	91	0	144	0	-160	2.26	2.26	4.52	4.52	0.08	0.05	0.01	0.14	0.00	0.00	29.6
1J	113	-0	507	0	144	0	-609	2.26	2.26	4.52	4.52	0.08	0.19	0.02	0.19	0.00	0.00	29.6
2	113	-0	470	0	8	0	-534	2.26	2.26	4.52	4.52	0.08	0.16	0.01	0.07	0.00	0.00	29.6
7	113	-0	381	0	6	0	-413	2.26	2.26	4.52	4.52	0.08	0.13	0.01	0.05	0.00	0.00	29.6

apost= --

aant= --

ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

Nome travata: **Travi di fondazione01\_IP1** Descrizione: **Travi di fondazione 1-2-3-4-5**  
**ASTA NUM. 30** NI 70 NF 2 SEZ. Rp B= 50.0 H= 40.0 (trave di fondazione)

armatura base = 4 X 1.13 per le armature aggiuntive consultare il tabulato

NC	x	Fx	Fy	Fz	Mx	My	Mz	APOST	AANT	AINF	ASUP	x/d	Indice	resistenza	aswta	aswto	PASSO	
	--																	
	cm		kg			kg*m				cmq			Fx,M	Bielle	V,Mx	cmq/m	cm	
1A	0	-0	10	0	-242	0	-104	2.26	2.26	4.52	4.52	0.08	0.03	0.02	0.22	0.00	0.00	29.6
1B	0	-0	939	0	-242	0	-520	2.26	2.26	4.52	4.52	0.08	0.16	0.03	0.34	0.00	0.00	29.6
1I	0	-0	145	0	-330	0	-179	2.26	2.26	4.52	4.52	0.08	0.06	0.03	0.32	0.00	0.00	29.6
1J	0	-0	804	0	-330	0	-520	2.26	2.26	4.52	4.52	0.08	0.16	0.04	0.40	0.00	0.00	29.6
2	0	-0	678	0	-233	0	-414	2.26	2.26	4.52	4.52	0.08	0.13	0.03	0.30	0.00	0.00	29.6
7	0	-0	521	0	-181	0	-313	2.26	2.26	4.52	4.52	0.08	0.10	0.02	0.23	0.00	0.00	29.6
apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6														
1A	19	-0	10	0	-242	0	-76	2.26	2.26	4.52	4.52	0.08	0.02	0.02	0.22	0.00	0.00	29.6
1B	19	-0	939	0	-242	0	-520	2.26	2.26	4.52	4.52	0.08	0.16	0.03	0.34	0.00	0.00	29.6
1I	19	-0	145	0	-330	0	-129	2.26	2.26	4.52	4.52	0.08	0.04	0.03	0.32	0.00	0.00	29.6
1J	19	-0	804	0	-330	0	-520	2.26	2.26	4.52	4.52	0.08	0.16	0.04	0.40	0.00	0.00	29.6
2	19	-0	678	0	-233	0	-414	2.26	2.26	4.52	4.52	0.08	0.13	0.03	0.30	0.00	0.00	29.6
7	19	-0	521	0	-181	0	-313	2.26	2.26	4.52	4.52	0.08	0.10	0.02	0.23	0.00	0.00	29.6
apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6														
1A	38	-0	205	0	-242	0	-129	2.26	2.26	4.52	4.52	0.08	0.04	0.02	0.25	0.00	0.00	29.6
1B	38	-0	1252	0	-242	0	-520	2.26	2.26	4.52	4.52	0.08	0.16	0.04	0.38	0.00	0.00	29.6
1I	38	-0	273	0	-330	0	-131	2.26	2.26	4.52	4.52	0.08	0.04	0.03	0.33	0.00	0.00	29.6
1J	38	-0	1184	0	-330	0	-520	2.26	2.26	4.52	4.52	0.08	0.16	0.04	0.45	0.00	0.00	29.6
2	38	-0	1066	0	-233	0	-414	2.26	2.26	4.52	4.52	0.08	0.13	0.03	0.34	0.00	0.00	29.6
7	38	-0	834	0	-181	0	-313	2.26	2.26	4.52	4.52	0.08	0.10	0.03	0.27	0.00	0.00	29.6
apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6														
1A	57	-0	205	0	-242	0	-129	2.26	2.26	4.52	4.52	0.08	0.04	0.02	0.25	0.00	0.00	29.6
1B	57	-0	1252	0	-242	0	580	2.26	2.26	4.52	4.52	0.08	0.18	0.04	0.38	0.00	0.00	29.6
1I	57	-0	273	0	-330	0	-114	2.26	2.26	4.52	4.52	0.08	0.04	0.03	0.33	0.00	0.00	29.6
1J	57	-0	1184	0	-330	0	508	2.26	2.26	4.52	4.52	0.08	0.16	0.04	0.45	0.00	0.00	29.6
2	57	-0	1066	0	-233	0	487	2.26	2.26	4.52	4.52	0.08	0.15	0.03	0.34	0.00	0.00	29.6
7	57	-0	834	0	-181	0	388	2.26	2.26	4.52	4.52	0.08	0.12	0.03	0.27	0.00	0.00	29.6



apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6														
1A	76	-0	403	0	-242	0	501	2.26	2.26	4.52	4.52	0.08	0.15	0.02	0.27	0.00	0.00	29.6
1B	76	-0	1563	0	-242	0	919	2.26	2.26	4.52	4.52	0.08	0.28	0.04	0.41	0.00	0.00	29.6
1I	76	-0	402	0	-330	0	440	2.26	2.26	4.52	4.52	0.08	0.14	0.03	0.35	0.00	0.00	29.6
1J	76	-0	1564	0	-330	0	23	2.26	2.26	4.52	4.52	0.08	0.01	0.05	0.49	0.00	0.00	29.6
2	76	-0	1456	0	-233	0	576	2.26	2.26	4.52	4.52	0.08	0.18	0.04	0.39	0.00	0.00	29.6
7	76	-0	1148	0	-181	0	460	2.26	2.26	4.52	4.52	0.08	0.14	0.03	0.31	0.00	0.00	29.6

apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6														
1A	94	-0	403	0	-242	0	794	2.26	2.26	4.52	4.52	0.08	0.24	0.02	0.27	0.00	0.00	29.6
1B	94	-0	1563	0	-242	0	685	2.26	2.26	4.52	4.52	0.08	0.21	0.04	0.41	0.00	0.00	29.6
1I	94	-0	402	0	-330	0	734	2.26	2.26	4.52	4.52	0.08	0.23	0.03	0.35	0.00	0.00	29.6
1J	94	-0	1564	0	-330	0	23	2.26	2.26	4.52	4.52	0.08	0.01	0.05	0.49	0.00	0.00	29.6
2	94	-0	1456	0	-233	0	576	2.26	2.26	4.52	4.52	0.08	0.18	0.04	0.39	0.00	0.00	29.6
7	94	-0	1148	0	-181	0	460	2.26	2.26	4.52	4.52	0.08	0.14	0.03	0.31	0.00	0.00	29.6

apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6														
1A	113	-0	403	0	-242	0	771	2.26	2.26	4.52	4.52	0.08	0.24	0.02	0.27	0.00	0.00	29.6
1B	113	-0	1563	0	-242	0	-520	2.26	2.26	4.52	4.52	0.08	0.16	0.04	0.41	0.00	0.00	29.6
1I	113	-0	402	0	-330	0	714	2.26	2.26	4.52	4.52	0.08	0.22	0.03	0.35	0.00	0.00	29.6
1J	113	-0	1564	0	-330	0	23	2.26	2.26	4.52	4.52	0.08	0.01	0.05	0.49	0.00	0.00	29.6
2	113	-0	1456	0	-233	0	576	2.26	2.26	4.52	4.52	0.08	0.18	0.04	0.39	0.00	0.00	29.6
7	113	-0	1148	0	-181	0	460	2.26	2.26	4.52	4.52	0.08	0.14	0.03	0.31	0.00	0.00	29.6

apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6													
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Nome travata: **Travi di fondazione01\_IP1** Descrizione: **Travi di fondazione 1-2-3-4-5**  
**ASTA NUM. 2** NI 2 NF 81 SEZ. Rp B= 50.0 H= 40.0 (trave di fondazione)

armatura base = 4 X 1.13 per le armature aggiuntive consultare il tabulato

NC	x	Fx	Fy	Fz	Mx	My	Mz	APOST	AANT	AINF	ASUP	x/d	Indice resistenza			aswta	aswto	PASSO
--													Fx,M	Bielle	V,Mx			
cm			kg			kg*m				cmq						cmq/m		cm
1A	0	-0	-1520	0	294	0	1186	2.26	2.26	4.52	4.52	0.08	0.37	0.04	0.46	0.00	0.00	29.6
1B	0	-0	-361	0	294	0	-467	2.26	2.26	4.52	4.52	0.08	0.14	0.03	0.31	0.00	0.00	29.6
1I	0	-0	-1603	0	461	0	955	2.26	2.26	4.52	4.52	0.08	0.29	0.06	0.62	0.00	0.00	29.6
1J	0	-0	-277	0	461	0	-259	2.26	2.26	4.52	4.52	0.08	0.08	0.04	0.45	0.00	0.00	29.6
2	0	-0	-1372	0	229	0	596	2.26	2.26	4.52	4.52	0.08	0.18	0.04	0.38	0.00	0.00	29.6
7	0	-0	-1077	0	180	0	467	2.26	2.26	4.52	4.52	0.08	0.14	0.03	0.30	0.00	0.00	29.6

apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6														
1A	19	-0	-1520	0	294	0	1186	2.26	2.26	4.52	4.52	0.08	0.37	0.04	0.46	0.00	0.00	29.6
1B	19	-0	-361	0	294	0	-453	2.26	2.26	4.52	4.52	0.08	0.14	0.03	0.31	0.00	0.00	29.6
1I	19	-0	-1603	0	461	0	955	2.26	2.26	4.52	4.52	0.08	0.29	0.06	0.62	0.00	0.00	29.6
1J	19	-0	-277	0	461	0	-171	2.26	2.26	4.52	4.52	0.08	0.05	0.04	0.45	0.00	0.00	29.6
2	19	-0	-1372	0	229	0	596	2.26	2.26	4.52	4.52	0.08	0.18	0.04	0.38	0.00	0.00	29.6
7	19	-0	-1077	0	180	0	467	2.26	2.26	4.52	4.52	0.08	0.14	0.03	0.30	0.00	0.00	29.6

apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6														
1A	38	-0	-1520	0	294	0	1327	2.26	2.26	4.52	4.52	0.08	0.41	0.04	0.46	0.00	0.00	29.6
1B	38	-0	-361	0	294	0	-467	2.26	2.26	4.52	4.52	0.08	0.14	0.03	0.31	0.00	0.00	29.6
1I	38	-0	-1603	0	461	0	1096	2.26	2.26	4.52	4.52	0.08	0.34	0.06	0.62	0.00	0.00	29.6
1J	38	-0	-277	0	461	0	-224	2.26	2.26	4.52	4.52	0.08	0.07	0.04	0.45	0.00	0.00	29.6
2	38	-0	-1372	0	229	0	802	2.26	2.26	4.52	4.52	0.08	0.25	0.04	0.38	0.00	0.00	29.6
7	38	-0	-1077	0	180	0	629	2.26	2.26	4.52	4.52	0.08	0.19	0.03	0.30	0.00	0.00	29.6

apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6														
1A	57	-0	-1237	0	294	0	1050	2.26	2.26	4.52	4.52	0.08	0.32	0.04	0.42	0.00	0.00	29.6
1B	57	-0	-135	0	294	0	-467	2.26	2.26	4.52	4.52	0.08	0.14	0.02	0.28	0.00	0.00	29.6
1I	57	-0	-1224	0	461	0	818	2.26	2.26	4.52	4.52	0.08	0.25	0.05	0.57	0.00	0.00	29.6
1J	57	-0	-148	0	461	0	-246	2.26	2.26	4.52	4.52	0.08	0.08	0.04	0.44	0.00	0.00	29.6
2	57	-0	-981	0	229	0	507	2.26	2.26	4.52	4.52	0.08	0.16	0.03	0.33	0.00	0.00	29.6
7	57	-0	-763	0	180	0	395	2.26	2.26	4.52	4.52	0.08	0.12	0.02	0.26	0.00	0.00	29.6

apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6														
1A	76	-0	-1237	0	294	0	832	2.26	2.26	4.52	4.52	0.08	0.26	0.04	0.42	0.00	0.00	29.6
1B	76	-0	-135	0	294	0	-467	2.26	2.26	4.52	4.52	0.08	0.14	0.02	0.28	0.00	0.00	29.6
1I	76	-0	-1224	0	461	0	636	2.26	2.26	4.52	4.52	0.08	0.20	0.05	0.57	0.00	0.00	29.6
1J	76	-0	-148	0	461	0	-323	2.26	2.26	4.52	4.52	0.08	0.10	0.04	0.44	0.00	0.00	29.6
2	76	-0	-981	0	229	0	-311	2.26	2.26	4.52	4.52	0.08	0.10	0.03	0.33	0.00	0.00	29.6
7	76	-0	-763	0	180	0	-236	2.26	2.26	4.52	4.52	0.08	0.07	0.02	0.26	0.00	0.00	29.6

apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6														
1A	94	-0	-955	0	294	0	558	2.26	2.26	4.52	4.52	0.08	0.17	0.04	0.39	0.00	0.00	29.6
1B	94	-0	88	0	294	0	-467	2.26	2.26	4.52	4.52	0.08	0.14	0.02	0.28	0.00	0.00	29.6
1I	94	-0	-848	0	461	0	395	2.26	2.26	4.52	4.52	0.08	0.12	0.05	0.52	0.00	0.00	29.6
1J	94	-0	-19	0	461	0	-349	2.26	2.26	4.52	4.52	0.08	0.11	0.03	0.42	0.00	0.00	29.6
2	94	-0	-593	0	229	0	-311	2.26	2.26	4.52	4.52	0.08	0.10	0.03	0.28	0.00	0.00	29.6
7	94	-0	-450	0	180	0	-236	2.26	2.26	4.52	4.52	0.08	0.07	0.02	0.22	0.00	0.00	29.6

apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6														
1A	113	-0	-955	0	294	0	5	2.26	2.26	4.52	4.52	0.08	0.00	0.04	0.39	0.00	0.00	29.6
1B	113	-0	88	0	294	0	-467	2.26	2.26	4.52	4.52	0.08	0.14	0.02	0.28	0.00	0.00	29.6
1I	113	-0	-848	0	461	0	-396	2.26	2.26	4.52	4.52	0.08	0.12	0.05	0.52	0.00	0.00	29.6
1J	113	-0	-19	0	461	0	-428	2.26	2.26	4.52	4.52	0.08	0.13	0.03	0.42	0.00	0.00	29.6
2	113	-0	-593	0	229	0	-311	2.26	2.26	4.52	4.52	0.08	0.10	0.03	0.28	0.00	0.00	29.6
7	113	-0	-450	0	180	0	-236	2.26	2.26	4.52	4.52	0.08	0.07	0.02	0.22	0.00	0.00	29.6

Nome travata: **Travi di fondazione01\_IP1** Descrizione: **Travi di fondazione 1-2-3-4-5**  
**ASTA NUM. 27** NI 81 NF 82 SEZ. Rp B= 50.0 H= 40.0 (trave di fondazione)

armatura base = 4 X 1.13 per le armature aggiuntive consultare il tabulato

NC	x	Fx	Fy	Fz	Mx	My	Mz	APOST	AANT	AINF	ASUP	x/d	Indice	resistenza	aswta	aswto	PASSO
	--																
	cm		kg			kg*m				cmq			Fx,M	Bielle	V,Mx	cmq/m	cm
1A	0	-0	-573	0	-100	0	102	2.26	2.26	4.52	4.52	0.08	0.03	0.02	0.16	0.00	29.6
1B	0	-0	91	0	-100	0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.01	0.10	0.00	29.6
1I	0	-0	-488	0	-102	0	-209	2.26	2.26	4.52	4.52	0.08	0.06	0.01	0.15	0.00	29.6
1J	0	-0	5	0	-102	0	-345	2.26	2.26	4.52	4.52	0.08	0.11	0.01	0.09	0.00	29.6
2	0	-0	-371	0	-1	0	-370	2.26	2.26	4.52	4.52	0.08	0.11	0.01	0.05	0.00	29.6
7	0	-0	-300	0	-1	0	-286	2.26	2.26	4.52	4.52	0.08	0.09	0.00	0.04	0.00	29.6
apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6													
1A	19	-0	-573	0	-100	0	102	2.26	2.26	4.52	4.52	0.08	0.03	0.02	0.16	0.00	29.6
1B	19	-0	91	0	-100	0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.01	0.10	0.00	29.6
1I	19	-0	-488	0	-102	0	-254	2.26	2.26	4.52	4.52	0.08	0.08	0.01	0.15	0.00	29.6
1J	19	-0	5	0	-102	0	-390	2.26	2.26	4.52	4.52	0.08	0.12	0.01	0.09	0.00	29.6
2	19	-0	-371	0	-1	0	-370	2.26	2.26	4.52	4.52	0.08	0.11	0.01	0.05	0.00	29.6
7	19	-0	-300	0	-1	0	-286	2.26	2.26	4.52	4.52	0.08	0.09	0.00	0.04	0.00	29.6
apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6													
1A	38	-0	-573	0	-100	0	-324	2.26	2.26	4.52	4.52	0.08	0.10	0.02	0.16	0.00	29.6
1B	38	-0	310	0	-100	0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.01	0.13	0.00	29.6
1I	38	-0	-488	0	-102	0	-300	2.26	2.26	4.52	4.52	0.08	0.09	0.01	0.15	0.00	29.6
1J	38	-0	135	0	-102	0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.01	0.11	0.00	29.6
2	38	-0	-371	0	-1	0	-370	2.26	2.26	4.52	4.52	0.08	0.11	0.01	0.05	0.00	29.6
7	38	-0	-300	0	-1	0	-286	2.26	2.26	4.52	4.52	0.08	0.09	0.00	0.04	0.00	29.6
apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6													
1A	57	-0	-292	0	-100	0	-254	2.26	2.26	4.52	4.52	0.08	0.08	0.01	0.13	0.00	29.6
1B	57	-0	310	0	-100	0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.01	0.13	0.00	29.6
1I	57	-0	-117	0	-102	0	-158	2.26	2.26	4.52	4.52	0.08	0.05	0.01	0.11	0.00	29.6
1J	57	-0	135	0	-102	0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.01	0.11	0.00	29.6
2	57	-0	14	0	-1	0	-370	2.26	2.26	4.52	4.52	0.08	0.11	0.00	0.00	0.00	29.6
7	57	-0	11	0	-1	0	-286	2.26	2.26	4.52	4.52	0.08	0.09	0.00	0.00	0.00	29.6
apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6													
1A	76	-0	-292	0	-100	0	-302	2.26	2.26	4.52	4.52	0.08	0.09	0.01	0.13	0.00	29.6
1B	76	-0	599	0	-100	0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.02	0.17	0.00	29.6
1I	76	-0	-117	0	-102	0	-170	2.26	2.26	4.52	4.52	0.08	0.05	0.01	0.11	0.00	29.6
1J	76	-0	500	0	-102	0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.01	0.16	0.00	29.6
2	76	-0	400	0	-1	0	-370	2.26	2.26	4.52	4.52	0.08	0.11	0.01	0.05	0.00	29.6
7	76	-0	322	0	-1	0	-286	2.26	2.26	4.52	4.52	0.08	0.09	0.00	0.04	0.00	29.6
apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6													
1A	94	-0	-80	0	-100	0	-262	2.26	2.26	4.52	4.52	0.08	0.08	0.01	0.10	0.00	29.6
1B	94	-0	599	0	-100	0	-446	2.26	2.26	4.52	4.52	0.08	0.14	0.02	0.17	0.00	29.6
1I	94	-0	18	0	-102	0	-90	2.26	2.26	4.52	4.52	0.08	0.03	0.01	0.10	0.00	29.6
1J	94	-0	500	0	-102	0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.01	0.16	0.00	29.6
2	94	-0	400	0	-1	0	-370	2.26	2.26	4.52	4.52	0.08	0.11	0.01	0.05	0.00	29.6
7	94	-0	322	0	-1	0	-286	2.26	2.26	4.52	4.52	0.08	0.09	0.00	0.04	0.00	29.6
apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6													
1A	113	-0	-80	0	-100	0	-310	2.26	2.26	4.52	4.52	0.08	0.10	0.01	0.10	0.00	29.6
1B	113	-0	599	0	-100	0	-300	2.26	2.26	4.52	4.52	0.08	0.09	0.02	0.17	0.00	29.6
1I	113	-0	18	0	-102	0	-51	2.26	2.26	4.52	4.52	0.08	0.02	0.01	0.10	0.00	29.6
1J	113	-0	500	0	-102	0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.01	0.16	0.00	29.6
2	113	-0	400	0	-1	0	-370	2.26	2.26	4.52	4.52	0.08	0.11	0.01	0.05	0.00	29.6
7	113	-0	322	0	-1	0	-286	2.26	2.26	4.52	4.52	0.08	0.09	0.00	0.04	0.00	29.6
apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6													

Nome travata: **Travi di fondazione01\_IP1** Descrizione: **Travi di fondazione 1-2-3-4-5**  
**ASTA NUM. 28** NI 82 NF 3 SEZ. Rp B= 50.0 H= 40.0 (trave di fondazione)

armatura base = 4 X 1.13 per le armature aggiuntive consultare il tabulato

NC	x	Fx	Fy	Fz	Mx	My	Mz	APOST	AANT	AINF	ASUP	x/d	Indice	resistenza	aswta	aswto	PASSO
	--																
	cm		kg			kg*m				cmq			Fx,M	Bielle	V,Mx	cmq/m	cm
1A	0	-0	-126	0	-276	0	-201	2.26	2.26	4.52	4.52	0.08	0.06	0.02	0.27	0.00	29.6
1B	0	-0	1019	0	-276	0	-358	2.26	2.26	4.52	4.52	0.08	0.11	0.04	0.38	0.00	29.6
1I	0	-0	40	0	-412	0	-91	2.26	2.26	4.52	4.52	0.08	0.03	0.03	0.38	0.00	29.6
1J	0	-0	853	0	-412	0	-358	2.26	2.26	4.52	4.52	0.08	0.11	0.04	0.48	0.00	29.6
2	0	-0	622	0	-232	0	-291	2.26	2.26	4.52	4.52	0.08	0.09	0.03	0.29	0.00	29.6
7	0	-0	474	0	-182	0	-221	2.26	2.26	4.52	4.52	0.08	0.07	0.02	0.22	0.00	29.6
apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6													
1A	19	-0	-126	0	-276	0	71	2.26	2.26	4.52	4.52	0.08	0.02	0.02	0.27	0.00	29.6
1B	19	-0	1019	0	-276	0	-358	2.26	2.26	4.52	4.52	0.08	0.11	0.04	0.38	0.00	29.6
1I	19	-0	40	0	-412	0	-152	2.26	2.26	4.52	4.52	0.08	0.05	0.03	0.38	0.00	29.6
1J	19	-0	853	0	-412	0	-358	2.26	2.26	4.52	4.52	0.08	0.11	0.04	0.48	0.00	29.6
2	19	-0	622	0	-232	0	-291	2.26	2.26	4.52	4.52	0.08	0.09	0.03	0.29	0.00	29.6
7	19	-0	474	0	-182	0	-221	2.26	2.26	4.52	4.52	0.08	0.07	0.02	0.22	0.00	29.6

apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6														
1A	38	-0	-126	0	-276	0	237	2.26	2.26	4.52	4.52	0.08	0.07	0.02	0.27	0.00	0.00	29.6
1B	38	-0	1311	0	-276	0	-358	2.26	2.26	4.52	4.52	0.08	0.11	0.04	0.41	0.00	0.00	29.6
1I	38	-0	172	0	-412	0	-267	2.26	2.26	4.52	4.52	0.08	0.08	0.03	0.40	0.00	0.00	29.6
1J	38	-0	1226	0	-412	0	-358	2.26	2.26	4.52	4.52	0.08	0.11	0.05	0.53	0.00	0.00	29.6
2	38	-0	1011	0	-232	0	-291	2.26	2.26	4.52	4.52	0.08	0.09	0.03	0.34	0.00	0.00	29.6
7	38	-0	788	0	-182	0	-221	2.26	2.26	4.52	4.52	0.08	0.07	0.02	0.26	0.00	0.00	29.6

apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6														
1A	57	-0	87	0	-276	0	452	2.26	2.26	4.52	4.52	0.08	0.14	0.02	0.26	0.00	0.00	29.6
1B	57	-0	1311	0	-276	0	-358	2.26	2.26	4.52	4.52	0.08	0.11	0.04	0.41	0.00	0.00	29.6
1I	57	-0	172	0	-412	0	351	2.26	2.26	4.52	4.52	0.08	0.11	0.03	0.40	0.00	0.00	29.6
1J	57	-0	1226	0	-412	0	-358	2.26	2.26	4.52	4.52	0.08	0.11	0.05	0.53	0.00	0.00	29.6
2	57	-0	1011	0	-232	0	556	2.26	2.26	4.52	4.52	0.08	0.17	0.03	0.34	0.00	0.00	29.6
7	57	-0	788	0	-182	0	435	2.26	2.26	4.52	4.52	0.08	0.13	0.02	0.26	0.00	0.00	29.6

apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6														
1A	76	-0	303	0	-276	0	774	2.26	2.26	4.52	4.52	0.08	0.24	0.02	0.29	0.00	0.00	29.6
1B	76	-0	1604	0	-276	0	-358	2.26	2.26	4.52	4.52	0.08	0.11	0.04	0.45	0.00	0.00	29.6
1I	76	-0	305	0	-412	0	585	2.26	2.26	4.52	4.52	0.08	0.18	0.03	0.41	0.00	0.00	29.6
1J	76	-0	1602	0	-412	0	-358	2.26	2.26	4.52	4.52	0.08	0.11	0.05	0.57	0.00	0.00	29.6
2	76	-0	1403	0	-232	0	645	2.26	2.26	4.52	4.52	0.08	0.20	0.04	0.39	0.00	0.00	29.6
7	76	-0	1104	0	-182	0	507	2.26	2.26	4.52	4.52	0.08	0.16	0.03	0.30	0.00	0.00	29.6

apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6														
1A	94	-0	303	0	-276	0	1077	2.26	2.26	4.52	4.52	0.08	0.33	0.02	0.29	0.00	0.00	29.6
1B	94	-0	1604	0	-276	0	-358	2.26	2.26	4.52	4.52	0.08	0.11	0.04	0.45	0.00	0.00	29.6
1I	94	-0	305	0	-412	0	887	2.26	2.26	4.52	4.52	0.08	0.27	0.03	0.41	0.00	0.00	29.6
1J	94	-0	1602	0	-412	0	700	2.26	2.26	4.52	4.52	0.08	0.22	0.05	0.57	0.00	0.00	29.6
2	94	-0	1403	0	-232	0	645	2.26	2.26	4.52	4.52	0.08	0.20	0.04	0.39	0.00	0.00	29.6
7	94	-0	1104	0	-182	0	507	2.26	2.26	4.52	4.52	0.08	0.16	0.03	0.30	0.00	0.00	29.6

apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6														
1A	113	-0	303	0	-276	0	1111	2.26	2.26	4.52	4.52	0.08	0.34	0.02	0.29	0.00	0.00	29.6
1B	113	-0	1604	0	-276	0	-358	2.26	2.26	4.52	4.52	0.08	0.11	0.04	0.45	0.00	0.00	29.6
1I	113	-0	305	0	-412	0	920	2.26	2.26	4.52	4.52	0.08	0.28	0.03	0.41	0.00	0.00	29.6
1J	113	-0	1602	0	-412	0	-358	2.26	2.26	4.52	4.52	0.08	0.11	0.05	0.57	0.00	0.00	29.6
2	113	-0	1403	0	-232	0	645	2.26	2.26	4.52	4.52	0.08	0.20	0.04	0.39	0.00	0.00	29.6
7	113	-0	1104	0	-182	0	507	2.26	2.26	4.52	4.52	0.08	0.16	0.03	0.30	0.00	0.00	29.6

apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6													
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Nome travata: **Travi di fondazione01\_IP1** Descrizione: **Travi di fondazione 1-2-3-4-5**  
**ASTA NUM. 3** NI 3 NF 91 SEZ. Rp B= 50.0 H= 40.0 (trave di fondazione)

armatura base = 4 X 1.13 per le armature aggiuntive consultare il tabulato

NC	x	Fx	Fy	Fz	Mx	My	Mz	APOST	AANT	AINF	ASUP	x/d	Indice resistenza			aswta	aswto	PASSO
cm		kg			kg*m			cmq					Fx,M	Bielle	V,Mx	cmq/m		cm
1A	0	-0	-1604	0	276	0	1111	2.26	2.26	4.52	4.52	0.08	0.34	0.04	0.45	0.00	0.00	29.6
1B	0	-0	-303	0	276	0	-358	2.26	2.26	4.52	4.52	0.08	0.11	0.02	0.29	0.00	0.00	29.6
1I	0	-0	-1602	0	412	0	920	2.26	2.26	4.52	4.52	0.08	0.28	0.05	0.57	0.00	0.00	29.6
1J	0	-0	-305	0	412	0	-179	2.26	2.26	4.52	4.52	0.08	0.06	0.03	0.41	0.00	0.00	29.6
2	0	-0	-1403	0	232	0	645	2.26	2.26	4.52	4.52	0.08	0.20	0.04	0.39	0.00	0.00	29.6
7	0	-0	-1104	0	182	0	507	2.26	2.26	4.52	4.52	0.08	0.16	0.03	0.30	0.00	0.00	29.6

apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6														
1A	19	-0	-1604	0	276	0	1111	2.26	2.26	4.52	4.52	0.08	0.34	0.04	0.45	0.00	0.00	29.6
1B	19	-0	-303	0	276	0	-283	2.26	2.26	4.52	4.52	0.08	0.09	0.02	0.29	0.00	0.00	29.6
1I	19	-0	-1602	0	412	0	920	2.26	2.26	4.52	4.52	0.08	0.28	0.05	0.57	0.00	0.00	29.6
1J	19	-0	-305	0	412	0	91	2.26	2.26	4.52	4.52	0.08	0.03	0.03	0.41	0.00	0.00	29.6
2	19	-0	-1403	0	232	0	645	2.26	2.26	4.52	4.52	0.08	0.20	0.04	0.39	0.00	0.00	29.6
7	19	-0	-1104	0	182	0	507	2.26	2.26	4.52	4.52	0.08	0.16	0.03	0.30	0.00	0.00	29.6

apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6														
1A	38	-0	-1604	0	276	0	1254	2.26	2.26	4.52	4.52	0.08	0.39	0.04	0.45	0.00	0.00	29.6
1B	38	-0	-303	0	276	0	-340	2.26	2.26	4.52	4.52	0.08	0.11	0.02	0.29	0.00	0.00	29.6
1I	38	-0	-1602	0	412	0	1063	2.26	2.26	4.52	4.52	0.08	0.33	0.05	0.57	0.00	0.00	29.6
1J	38	-0	-305	0	412	0	-152	2.26	2.26	4.52	4.52	0.08	0.05	0.03	0.41	0.00	0.00	29.6
2	38	-0	-1403	0	232	0	856	2.26	2.26	4.52	4.52	0.08	0.26	0.04	0.39	0.00	0.00	29.6
7	38	-0	-1104	0	182	0	673	2.26	2.26	4.52	4.52	0.08	0.21	0.03	0.30	0.00	0.00	29.6

apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6														
1A	57	-0	-1311	0	276	0	962	2.26	2.26	4.52	4.52	0.08	0.30	0.04	0.41	0.00	0.00	29.6
1B	57	-0	-87	0	276	0	-283	2.26	2.26	4.52	4.52	0.08	0.09	0.02	0.26	0.00	0.00	29.6
1I	57	-0	-1226	0	412	0	790	2.26	2.26	4.52	4.52	0.08	0.24	0.05	0.53	0.00	0.00	29.6
1J	57	-0	-172	0	412	0	-182	2.26	2.26	4.52	4.52	0.08	0.06	0.03	0.40	0.00	0.00	29.6
2	57	-0	-1011	0	232	0	556	2.26	2.26	4.52	4.52	0.08	0.17	0.03	0.34	0.00	0.00	29.6
7	57	-0	-788	0	182	0	435	2.26	2.26	4.52	4.52	0.08	0.13	0.02	0.26	0.00	0.00	29.6

apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6														
1A	76	-0	-1311	0	276	0	730	2.26	2.26	4.52	4.52	0.08	0.23	0.04	0.41	0.00	0.00	29.6
1B	76	-0	126	0	276	0	-332	2.26	2.26	4.52	4.52	0.08	0.10	0.02	0.27	0.00	0.00	29.6
1I	76	-0	-1226	0	412	0	611	2.26	2.26	4.52	4.52	0.08	0.19	0.05	0.53	0.00	0.00	29.6
1J	76	-0	-172	0	412	0	-267	2.26	2.26	4.52	4.52	0.08	0.08	0.03	0.40	0.00	0.00	29.6
2	76	-0	-1011	0	232	0	-291	2.26	2.26	4.52	4.52	0.08	0.09	0.03	0.34	0.00	0.00	29.6
7	76	-0	-788	0	182	0	-221	2.26	2.26	4.52	4.52	0.08	0.07	0.02	0.26	0.00	0.00	29.6

1A	94	-0	-1019	0	276	0	443	2.26	2.26	4.52	4.52	0.08	0.14	0.04	0.38	0.00	0.00	29.6
1B	94	-0	126	0	276	0	-334	2.26	2.26	4.52	4.52	0.08	0.10	0.02	0.27	0.00	0.00	29.6
1I	94	-0	-853	0	412	0	-358	2.26	2.26	4.52	4.52	0.08	0.11	0.04	0.48	0.00	0.00	29.6
1J	94	-0	-40	0	412	0	-152	2.26	2.26	4.52	4.52	0.08	0.05	0.03	0.38	0.00	0.00	29.6
2	94	-0	-622	0	232	0	-291	2.26	2.26	4.52	4.52	0.08	0.09	0.03	0.29	0.00	0.00	29.6
7	94	-0	-474	0	182	0	-221	2.26	2.26	4.52	4.52	0.08	0.07	0.02	0.22	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	113	-0	-1019	0	276	0	-358	2.26	2.26	4.52	4.52	0.08	0.11	0.04	0.38	0.00	0.00	29.6
1B	113	-0	126	0	276	0	-337	2.26	2.26	4.52	4.52	0.08	0.10	0.02	0.27	0.00	0.00	29.6
1I	113	-0	-853	0	412	0	-358	2.26	2.26	4.52	4.52	0.08	0.11	0.04	0.48	0.00	0.00	29.6
1J	113	-0	-40	0	412	0	-91	2.26	2.26	4.52	4.52	0.08	0.03	0.03	0.38	0.00	0.00	29.6
2	113	-0	-622	0	232	0	-291	2.26	2.26	4.52	4.52	0.08	0.09	0.03	0.29	0.00	0.00	29.6
7	113	-0	-474	0	182	0	-221	2.26	2.26	4.52	4.52	0.08	0.07	0.02	0.22	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

Nome travata: **Travi di fondazione01\_IP1**    Descrizione: **Travi di fondazione 1-2-3-4-5**  
**ASTA NUM. 25**    NI 91    NF 92    SEZ.    Rp B= 50.0 H= 40.0 (trave di fondazione)

armatura base = 4 X 1.13      per le armature aggiuntive consultare il tabulato

NC	x	Fx	Fy	Fz	Mx	My	Mz	APOST	AANT	AINF	ASUP	x/d	Indice	resistenza	aswta	aswto	PASSO	
	cm	kg			kg*m			cmq				Fx,M	Bielle	V,Mx	cmq/m	cm		
1A	0	-0	-599	0	100	0	-300	2.26	2.26	4.52	4.52	0.08	0.09	0.02	0.17	0.00	0.00	29.6
1B	0	-0	80	0	100	0	-310	2.26	2.26	4.52	4.52	0.08	0.10	0.01	0.10	0.00	0.00	29.6
1I	0	-0	-500	0	102	0	-252	2.26	2.26	4.52	4.52	0.08	0.08	0.01	0.16	0.00	0.00	29.6
1J	0	-0	-18	0	102	0	-292	2.26	2.26	4.52	4.52	0.08	0.09	0.01	0.10	0.00	0.00	29.6
2	0	-0	-400	0	1	0	-370	2.26	2.26	4.52	4.52	0.08	0.11	0.01	0.05	0.00	0.00	29.6
7	0	-0	-322	0	1	0	-286	2.26	2.26	4.52	4.52	0.08	0.09	0.00	0.04	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	19	-0	-599	0	100	0	-446	2.26	2.26	4.52	4.52	0.08	0.14	0.02	0.17	0.00	0.00	29.6
1B	19	-0	80	0	100	0	-262	2.26	2.26	4.52	4.52	0.08	0.08	0.01	0.10	0.00	0.00	29.6
1I	19	-0	-500	0	102	0	-291	2.26	2.26	4.52	4.52	0.08	0.09	0.01	0.16	0.00	0.00	29.6
1J	19	-0	-18	0	102	0	-350	2.26	2.26	4.52	4.52	0.08	0.11	0.01	0.10	0.00	0.00	29.6
2	19	-0	-400	0	1	0	-370	2.26	2.26	4.52	4.52	0.08	0.11	0.01	0.05	0.00	0.00	29.6
7	19	-0	-322	0	1	0	-286	2.26	2.26	4.52	4.52	0.08	0.09	0.00	0.04	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	38	-0	-599	0	100	0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.02	0.17	0.00	0.00	29.6
1B	38	-0	292	0	100	0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.01	0.13	0.00	0.00	29.6
1I	38	-0	-500	0	102	0	-330	2.26	2.26	4.52	4.52	0.08	0.10	0.01	0.16	0.00	0.00	29.6
1J	38	-0	117	0	102	0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.01	0.11	0.00	0.00	29.6
2	38	-0	-400	0	1	0	-370	2.26	2.26	4.52	4.52	0.08	0.11	0.01	0.05	0.00	0.00	29.6
7	38	-0	-322	0	1	0	-286	2.26	2.26	4.52	4.52	0.08	0.09	0.00	0.04	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	57	-0	-310	0	100	0	-262	2.26	2.26	4.52	4.52	0.08	0.08	0.01	0.13	0.00	0.00	29.6
1B	57	-0	292	0	100	0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.01	0.13	0.00	0.00	29.6
1I	57	-0	-135	0	102	0	-166	2.26	2.26	4.52	4.52	0.08	0.05	0.01	0.11	0.00	0.00	29.6
1J	57	-0	117	0	102	0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.01	0.11	0.00	0.00	29.6
2	57	-0	-14	0	1	0	-370	2.26	2.26	4.52	4.52	0.08	0.11	0.00	0.00	0.00	0.00	29.6
7	57	-0	-11	0	1	0	-286	2.26	2.26	4.52	4.52	0.08	0.09	0.00	0.00	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	76	-0	-310	0	100	0	-214	2.26	2.26	4.52	4.52	0.08	0.07	0.01	0.13	0.00	0.00	29.6
1B	76	-0	573	0	100	0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.02	0.16	0.00	0.00	29.6
1I	76	-0	-135	0	102	0	-153	2.26	2.26	4.52	4.52	0.08	0.05	0.01	0.11	0.00	0.00	29.6
1J	76	-0	488	0	102	0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.01	0.15	0.00	0.00	29.6
2	76	-0	371	0	1	0	-370	2.26	2.26	4.52	4.52	0.08	0.11	0.01	0.05	0.00	0.00	29.6
7	76	-0	300	0	1	0	-286	2.26	2.26	4.52	4.52	0.08	0.09	0.00	0.04	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	94	-0	-91	0	100	0	46	2.26	2.26	4.52	4.52	0.08	0.01	0.01	0.10	0.00	0.00	29.6
1B	94	-0	573	0	100	0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.02	0.16	0.00	0.00	29.6
1I	94	-0	-5	0	102	0	-53	2.26	2.26	4.52	4.52	0.08	0.02	0.01	0.09	0.00	0.00	29.6
1J	94	-0	488	0	102	0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.01	0.15	0.00	0.00	29.6
2	94	-0	371	0	1	0	-370	2.26	2.26	4.52	4.52	0.08	0.11	0.01	0.05	0.00	0.00	29.6
7	94	-0	300	0	1	0	-286	2.26	2.26	4.52	4.52	0.08	0.09	0.00	0.04	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	113	-0	-91	0	100	0	102	2.26	2.26	4.52	4.52	0.08	0.03	0.01	0.10	0.00	0.00	29.6
1B	113	-0	573	0	100	0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.02	0.16	0.00	0.00	29.6
1I	113	-0	-5	0	102	0	-8	2.26	2.26	4.52	4.52	0.08	0.00	0.01	0.09	0.00	0.00	29.6
1J	113	-0	488	0	102	0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.01	0.15	0.00	0.00	29.6
2	113	-0	371	0	1	0	-370	2.26	2.26	4.52	4.52	0.08	0.11	0.01	0.05	0.00	0.00	29.6
7	113	-0	300	0	1	0	-286	2.26	2.26	4.52	4.52	0.08	0.09	0.00	0.04	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

Nome travata: **Travi di fondazione01\_IP1**    Descrizione: **Travi di fondazione 1-2-3-4-5**  
**ASTA NUM. 26**    NI 92    NF 4    SEZ.    Rp B= 50.0 H= 40.0 (trave di fondazione)

armatura base = 4 X 1.13      per le armature aggiuntive consultare il tabulato

NC	x	Fx	Fy	Fz	Mx	My	Mz	APOST	AANT	AINF	ASUP	x/d	Indice	resistenza	aswta	aswto	PASSO
	--																
	cm		kg			kg*m				cmq			Fx,M	Bielle	V,Mx	cmq/m	cm

1A	0	-0	-88	0	-294	0	5	2.26	2.26	4.52	4.52	0.08	0.00	0.02	0.28	0.00	0.00	29.6
1B	0	-0	955	0	-294	0	-467	2.26	2.26	4.52	4.52	0.08	0.14	0.04	0.39	0.00	0.00	29.6
1I	0	-0	19	0	-461	0	-51	2.26	2.26	4.52	4.52	0.08	0.02	0.03	0.42	0.00	0.00	29.6
1J	0	-0	848	0	-461	0	-467	2.26	2.26	4.52	4.52	0.08	0.14	0.05	0.52	0.00	0.00	29.6
2	0	-0	593	0	-229	0	-311	2.26	2.26	4.52	4.52	0.08	0.10	0.03	0.28	0.00	0.00	29.6
7	0	-0	450	0	-180	0	-236	2.26	2.26	4.52	4.52	0.08	0.07	0.02	0.22	0.00	0.00	29.6

apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6														
1A	19	-0	-88	0	-294	0	197	2.26	2.26	4.52	4.52	0.08	0.06	0.02	0.28	0.00	0.00	29.6
1B	19	-0	955	0	-294	0	-467	2.26	2.26	4.52	4.52	0.08	0.14	0.04	0.39	0.00	0.00	29.6
1I	19	-0	19	0	-461	0	50	2.26	2.26	4.52	4.52	0.08	0.02	0.03	0.42	0.00	0.00	29.6
1J	19	-0	848	0	-461	0	-467	2.26	2.26	4.52	4.52	0.08	0.14	0.05	0.52	0.00	0.00	29.6
2	19	-0	593	0	-229	0	-311	2.26	2.26	4.52	4.52	0.08	0.10	0.03	0.28	0.00	0.00	29.6
7	19	-0	450	0	-180	0	-236	2.26	2.26	4.52	4.52	0.08	0.07	0.02	0.22	0.00	0.00	29.6

apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6														
1A	38	-0	135	0	-294	0	373	2.26	2.26	4.52	4.52	0.08	0.12	0.02	0.28	0.00	0.00	29.6
1B	38	-0	1237	0	-294	0	-467	2.26	2.26	4.52	4.52	0.08	0.14	0.04	0.42	0.00	0.00	29.6
1I	38	-0	148	0	-461	0	188	2.26	2.26	4.52	4.52	0.08	0.06	0.04	0.44	0.00	0.00	29.6
1J	38	-0	1224	0	-461	0	-467	2.26	2.26	4.52	4.52	0.08	0.14	0.05	0.57	0.00	0.00	29.6
2	38	-0	981	0	-229	0	-311	2.26	2.26	4.52	4.52	0.08	0.10	0.03	0.33	0.00	0.00	29.6
7	38	-0	763	0	-180	0	-236	2.26	2.26	4.52	4.52	0.08	0.07	0.02	0.26	0.00	0.00	29.6

apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6														
1A	57	-0	135	0	-294	0	592	2.26	2.26	4.52	4.52	0.08	0.18	0.02	0.28	0.00	0.00	29.6
1B	57	-0	1237	0	-294	0	-467	2.26	2.26	4.52	4.52	0.08	0.14	0.04	0.42	0.00	0.00	29.6
1I	57	-0	148	0	-461	0	370	2.26	2.26	4.52	4.52	0.08	0.11	0.04	0.44	0.00	0.00	29.6
1J	57	-0	1224	0	-461	0	-467	2.26	2.26	4.52	4.52	0.08	0.14	0.05	0.57	0.00	0.00	29.6
2	57	-0	981	0	-229	0	507	2.26	2.26	4.52	4.52	0.08	0.16	0.03	0.33	0.00	0.00	29.6
7	57	-0	763	0	-180	0	395	2.26	2.26	4.52	4.52	0.08	0.12	0.02	0.26	0.00	0.00	29.6

apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6														
1A	76	-0	361	0	-294	0	904	2.26	2.26	4.52	4.52	0.08	0.28	0.03	0.31	0.00	0.00	29.6
1B	76	-0	1520	0	-294	0	-467	2.26	2.26	4.52	4.52	0.08	0.14	0.04	0.46	0.00	0.00	29.6
1I	76	-0	277	0	-461	0	607	2.26	2.26	4.52	4.52	0.08	0.19	0.04	0.45	0.00	0.00	29.6
1J	76	-0	1603	0	-461	0	-467	2.26	2.26	4.52	4.52	0.08	0.14	0.06	0.62	0.00	0.00	29.6
2	76	-0	1372	0	-229	0	596	2.26	2.26	4.52	4.52	0.08	0.18	0.04	0.38	0.00	0.00	29.6
7	76	-0	1077	0	-180	0	467	2.26	2.26	4.52	4.52	0.08	0.14	0.03	0.30	0.00	0.00	29.6

apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6														
1A	94	-0	361	0	-294	0	1191	2.26	2.26	4.52	4.52	0.08	0.37	0.03	0.31	0.00	0.00	29.6
1B	94	-0	1520	0	-294	0	-467	2.26	2.26	4.52	4.52	0.08	0.14	0.04	0.46	0.00	0.00	29.6
1I	94	-0	277	0	-461	0	909	2.26	2.26	4.52	4.52	0.08	0.28	0.04	0.45	0.00	0.00	29.6
1J	94	-0	1603	0	-461	0	-467	2.26	2.26	4.52	4.52	0.08	0.14	0.06	0.62	0.00	0.00	29.6
2	94	-0	1372	0	-229	0	596	2.26	2.26	4.52	4.52	0.08	0.18	0.04	0.38	0.00	0.00	29.6
7	94	-0	1077	0	-180	0	467	2.26	2.26	4.52	4.52	0.08	0.14	0.03	0.30	0.00	0.00	29.6

apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6														
1A	113	-0	361	0	-294	0	1186	2.26	2.26	4.52	4.52	0.08	0.37	0.03	0.31	0.00	0.00	29.6
1B	113	-0	1520	0	-294	0	-467	2.26	2.26	4.52	4.52	0.08	0.14	0.04	0.46	0.00	0.00	29.6
1I	113	-0	277	0	-461	0	955	2.26	2.26	4.52	4.52	0.08	0.29	0.04	0.45	0.00	0.00	29.6
1J	113	-0	1603	0	-461	0	-467	2.26	2.26	4.52	4.52	0.08	0.14	0.06	0.62	0.00	0.00	29.6
2	113	-0	1372	0	-229	0	596	2.26	2.26	4.52	4.52	0.08	0.18	0.04	0.38	0.00	0.00	29.6
7	113	-0	1077	0	-180	0	467	2.26	2.26	4.52	4.52	0.08	0.14	0.03	0.30	0.00	0.00	29.6

apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6														
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Nome travata: **Travi di fondazione01\_IP1** Descrizione: **Travi di fondazione 1-2-3-4-5**  
**ASTA NUM. 4** NI 4 NF 101 SEZ. Rp B= 50.0 H= 40.0 (trave di fondazione)

armatura base = 4 X 1.13 per le armature aggiuntive consultare il tabulato

NC	x	Fx	Fy	Fz	Mx	My	Mz	APOST	AANT	AINF	ASUP	x/d	Indice	resistenza	aswta	aswto	PASSO	
	cm	kg			kg*m			cmq					Fx,M	Bielle	V,Mx	cmq/m	cm	
1A	0	-0	-1563	0	242	0	771	2.26	2.26	4.52	4.52	0.08	0.24	0.04	0.41	0.00	0.00	29.6
1B	0	-0	-403	0	242	0	-202	2.26	2.26	4.52	4.52	0.08	0.06	0.02	0.27	0.00	0.00	29.6
1I	0	-0	-1564	0	330	0	714	2.26	2.26	4.52	4.52	0.08	0.22	0.05	0.49	0.00	0.00	29.6
1J	0	-0	-402	0	330	0	23	2.26	2.26	4.52	4.52	0.08	0.01	0.03	0.35	0.00	0.00	29.6
2	0	-0	-1456	0	233	0	576	2.26	2.26	4.52	4.52	0.08	0.18	0.04	0.39	0.00	0.00	29.6
7	0	-0	-1148	0	181	0	460	2.26	2.26	4.52	4.52	0.08	0.14	0.03	0.31	0.00	0.00	29.6

apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6														
1A	19	-0	-1563	0	242	0	771	2.26	2.26	4.52	4.52	0.08	0.24	0.04	0.41	0.00	0.00	29.6
1B	19	-0	-403	0	242	0	114	2.26	2.26	4.52	4.52	0.08	0.04	0.02	0.27	0.00	0.00	29.6
1I	19	-0	-1564	0	330	0	714	2.26	2.26	4.52	4.52	0.08	0.22	0.05	0.49	0.00	0.00	29.6
1J	19	-0	-402	0	330	0	23	2.26	2.26	4.52	4.52	0.08	0.01	0.03	0.35	0.00	0.00	29.6
2	19	-0	-1456	0	233	0	576	2.26	2.26	4.52	4.52	0.08	0.18	0.04	0.39	0.00	0.00	29.6
7	19	-0	-1148	0	181	0	460	2.26	2.26	4.52	4.52	0.08	0.14	0.03	0.31	0.00	0.00	29.6

apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6														
1A	38	-0	-1563	0	242	0	919	2.26	2.26	4.52	4.52	0.08	0.28	0.04	0.41	0.00	0.00	29.6
1B	38	-0	-403	0	242	0	-212	2.26	2.26	4.52	4.52	0.08	0.07	0.02	0.27	0.00	0.00	29.6
1I	38	-0	-1564	0	330	0	861	2.26	2.26	4.52	4.52	0.08	0.27	0.05	0.49	0.00	0.00	29.6
1J	38	-0	-402	0	330	0	171	2.26	2.26	4.52	4.52	0.08	0.05	0.03	0.35	0.00	0.00	29.6
2	38	-0	-1456	0	233	0	795	2.26	2.26	4.52	4.52	0.08	0.25	0.04	0.39	0.00	0.00	29.6
7	38	-0	-1148	0	181	0	632	2.26	2.26	4.52	4.52	0.08	0.19	0.03	0.31	0.00	0.00	29.6

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1A	57	-0	-1252	0	242	0	580	2.26	2.26	4.52	4.52	0.08	0.18	0.04	0.38	0.00	0.00	29.6
1B	57	-0	-205	0	242	0	-129	2.26	2.26	4.52	4.52	0.08	0.04	0.02	0.25	0.00	0.00	29.6
1I	57	-0	-1184	0	330	0	507	2.26	2.26	4.52	4.52	0.08	0.16	0.04	0.45	0.00	0.00	29.6
1J	57	-0	-273	0	330	0	-114	2.26	2.26	4.52	4.52	0.08	0.04	0.03	0.33	0.00	0.00	29.6
2	57	-0	-1066	0	233	0	487	2.26	2.26	4.52	4.52	0.08	0.15	0.03	0.34	0.00	0.00	29.6
7	57	-0	-834	0	181	0	388	2.26	2.26	4.52	4.52	0.08	0.12	0.03	0.27	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	76	-0	-1252	0	242	0	-520	2.26	2.26	4.52	4.52	0.08	0.16	0.04	0.38	0.00	0.00	29.6
1B	76	-0	-205	0	242	0	-302	2.26	2.26	4.52	4.52	0.08	0.09	0.02	0.25	0.00	0.00	29.6
1I	76	-0	-1184	0	330	0	-520	2.26	2.26	4.52	4.52	0.08	0.16	0.04	0.45	0.00	0.00	29.6
1J	76	-0	-273	0	330	0	-356	2.26	2.26	4.52	4.52	0.08	0.11	0.03	0.33	0.00	0.00	29.6
2	76	-0	-1066	0	233	0	-414	2.26	2.26	4.52	4.52	0.08	0.13	0.03	0.34	0.00	0.00	29.6
7	76	-0	-834	0	181	0	-313	2.26	2.26	4.52	4.52	0.08	0.10	0.03	0.27	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	94	-0	-939	0	242	0	-463	2.26	2.26	4.52	4.52	0.08	0.14	0.03	0.34	0.00	0.00	29.6
1B	94	-0	-10	0	242	0	-372	2.26	2.26	4.52	4.52	0.08	0.11	0.02	0.22	0.00	0.00	29.6
1I	94	-0	-804	0	330	0	-403	2.26	2.26	4.52	4.52	0.08	0.12	0.04	0.40	0.00	0.00	29.6
1J	94	-0	-145	0	330	0	-432	2.26	2.26	4.52	4.52	0.08	0.13	0.03	0.32	0.00	0.00	29.6
2	94	-0	-678	0	233	0	-414	2.26	2.26	4.52	4.52	0.08	0.13	0.03	0.30	0.00	0.00	29.6
7	94	-0	-521	0	181	0	-313	2.26	2.26	4.52	4.52	0.08	0.10	0.02	0.23	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	113	-0	-939	0	242	0	-491	2.26	2.26	4.52	4.52	0.08	0.15	0.03	0.34	0.00	0.00	29.6
1B	113	-0	-10	0	242	0	-520	2.26	2.26	4.52	4.52	0.08	0.16	0.02	0.22	0.00	0.00	29.6
1I	113	-0	-804	0	330	0	-453	2.26	2.26	4.52	4.52	0.08	0.14	0.04	0.40	0.00	0.00	29.6
1J	113	-0	-145	0	330	0	-520	2.26	2.26	4.52	4.52	0.08	0.16	0.03	0.32	0.00	0.00	29.6
2	113	-0	-678	0	233	0	-414	2.26	2.26	4.52	4.52	0.08	0.13	0.03	0.30	0.00	0.00	29.6
7	113	-0	-521	0	181	0	-313	2.26	2.26	4.52	4.52	0.08	0.10	0.02	0.23	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

Nome travata: **Travi di fondazione01\_IP1** Descrizione: **Travi di fondazione 1-2-3-4-5**  
**ASTA NUM. 23**      NI 101      NF 102      SEZ. Rp B= 50.0 H= 40.0 (trave di fondazione)

armatura base = 4 X 1.13      per le armature aggiuntive consultare il tabulato

NC	x	Fx	Fy	Fz	Mx	My	Mz	APOST	AANT	AINF	ASUP	x/d	Indice	resistenza	aswta	aswto	PASSO	
	cm		kg			kg*m							Fx,M	Bielle	V,Mx	cmq/m	cm	
1A	0	-0	-560	0	-83	0	-347	2.26	2.26	4.52	4.52	0.08	0.11	0.01	0.14	0.00	0.00	29.6
1B	0	-0	-39	0	-83	0	-422	2.26	2.26	4.52	4.52	0.08	0.13	0.01	0.08	0.00	0.00	29.6
1I	0	-0	-507	0	-144	0	-333	2.26	2.26	4.52	4.52	0.08	0.10	0.02	0.19	0.00	0.00	29.6
1J	0	-0	-91	0	-144	0	-436	2.26	2.26	4.52	4.52	0.08	0.13	0.01	0.14	0.00	0.00	29.6
2	0	-0	-470	0	-8	0	-534	2.26	2.26	4.52	4.52	0.08	0.16	0.01	0.07	0.00	0.00	29.6
7	0	-0	-381	0	-6	0	-413	2.26	2.26	4.52	4.52	0.08	0.13	0.01	0.05	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	19	-0	-560	0	-83	0	-362	2.26	2.26	4.52	4.52	0.08	0.11	0.01	0.14	0.00	0.00	29.6
1B	19	-0	-39	0	-83	0	-519	2.26	2.26	4.52	4.52	0.08	0.16	0.01	0.08	0.00	0.00	29.6
1I	19	-0	-507	0	-144	0	-363	2.26	2.26	4.52	4.52	0.08	0.11	0.02	0.19	0.00	0.00	29.6
1J	19	-0	-91	0	-144	0	-518	2.26	2.26	4.52	4.52	0.08	0.16	0.01	0.14	0.00	0.00	29.6
2	19	-0	-470	0	-8	0	-548	2.26	2.26	4.52	4.52	0.08	0.17	0.01	0.07	0.00	0.00	29.6
7	19	-0	-381	0	-6	0	-425	2.26	2.26	4.52	4.52	0.08	0.13	0.01	0.05	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	38	-0	-560	0	-83	0	-378	2.26	2.26	4.52	4.52	0.08	0.12	0.01	0.14	0.00	0.00	29.6
1B	38	-0	156	0	-83	0	-665	2.26	2.26	4.52	4.52	0.08	0.21	0.01	0.09	0.00	0.00	29.6
1I	38	-0	-507	0	-144	0	-394	2.26	2.26	4.52	4.52	0.08	0.12	0.02	0.19	0.00	0.00	29.6
1J	38	-0	-91	0	-144	0	-601	2.26	2.26	4.52	4.52	0.08	0.19	0.01	0.14	0.00	0.00	29.6
2	38	-0	-470	0	-8	0	-548	2.26	2.26	4.52	4.52	0.08	0.17	0.01	0.07	0.00	0.00	29.6
7	38	-0	-381	0	-6	0	-425	2.26	2.26	4.52	4.52	0.08	0.13	0.01	0.05	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	57	-0	-248	0	-83	0	-225	2.26	2.26	4.52	4.52	0.08	0.07	0.01	0.11	0.00	0.00	29.6
1B	57	-0	156	0	-83	0	-682	2.26	2.26	4.52	4.52	0.08	0.21	0.01	0.09	0.00	0.00	29.6
1I	57	-0	-153	0	-144	0	-245	2.26	2.26	4.52	4.52	0.08	0.08	0.01	0.15	0.00	0.00	29.6
1J	57	-0	61	0	-144	0	-607	2.26	2.26	4.52	4.52	0.08	0.19	0.01	0.14	0.00	0.00	29.6
2	57	-0	-85	0	-8	0	-548	2.26	2.26	4.52	4.52	0.08	0.17	0.00	0.02	0.00	0.00	29.6
7	57	-0	-70	0	-6	0	-425	2.26	2.26	4.52	4.52	0.08	0.13	0.00	0.01	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	76	-0	-248	0	-83	0	-201	2.26	2.26	4.52	4.52	0.08	0.06	0.01	0.11	0.00	0.00	29.6
1B	76	-0	417	0	-83	0	-682	2.26	2.26	4.52	4.52	0.08	0.21	0.01	0.13	0.00	0.00	29.6
1I	76	-0	-153	0	-144	0	-245	2.26	2.26	4.52	4.52	0.08	0.08	0.01	0.15	0.00	0.00	29.6
1J	76	-0	437	0	-144	0	-682	2.26	2.26	4.52	4.52	0.08	0.21	0.02	0.18	0.00	0.00	29.6
2	76	-0	302	0	-8	0	-548	2.26	2.26	4.52	4.52	0.08	0.17	0.00	0.04	0.00	0.00	29.6
7	76	-0	241	0	-6	0	-425	2.26	2.26	4.52	4.52	0.08	0.13	0.00	0.04	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	94	-0	-0	0	-83	0	-37	2.26	2.26	4.52	4.52	0.08	0.01	0.01	0.08	0.00	0.00	29.6
1B	94	-0	417	0	-83	0	-682	2.26	2.26	4.52	4.52	0.08	0.21	0.01	0.13	0.00	0.00	29.6
1I	94	-0	-21	0	-144	0	-160	2.26	2.26	4.52	4.52	0.08	0.05	0.01	0.13	0.00	0.00	29.6
1J	94	-0	437	0	-144	0	-682	2.26	2.26	4.52	4.52	0.08	0.21	0.02	0.18	0.00	0.00	29.6
2	94	-0	302	0	-8	0	-548	2.26	2.26	4.52	4.52	0.08	0.17	0.00	0.04	0.00	0.00	29.6
7	94	-0	241	0	-6	0	-425	2.26	2.26	4.52	4.52	0.08	0.13	0.00	0.04	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	113	-0	-0	0	-83	0	24	2.26	2.26	4.52	4.52	0.08	0.01	0.01	0.08	0.00	0.00	29.6
1B	113	-0	417	0	-83	0	-682	2.26	2.26	4.52	4.52	0.08	0.21	0.01	0.13	0.00	0.00	29.6
1I	113	-0	-21	0	-144	0	-131	2.26	2.26	4.52	4.52	0.08	0.04	0.01	0.13	0.00	0.00	29.6
1J	113	-0	437	0	-144	0	-682	2.26	2.26	4.52	4.52	0.08	0.21	0.02	0.18	0.00	0.00	29.6
2	113	-0	302	0	-8	0	-548	2.26	2.26	4.52	4.52	0.08	0.17	0.00	0.04	0.00	0.00	29.6
7	113	-0	241	0	-6	0	-425	2.26	2.26	4.52	4.52	0.08	0.13	0.00	0.04	0.00	0.00	29.6

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

Nome travata: **Travi di fondazione01\_IP1**    Descrizione: **Travi di fondazione 1-2-3-4-5**  
**ASTA NUM. 24**        NI 102        NF 5        SEZ.    Rp    B= 50.0    H= 40.0    (trave di fondazione)

armatura base = 4 X 1.13        per le armature aggiuntive consultare il tabulato

NC	x	Fx	Fy	Fz	Mx	My	Mz	APOST	AANT	AINF	ASUP	x/d	Indice	resistenza	aswta	aswto	PASSO	
	cm	kg			kg*m			cmq				Fx,M	Bielle	V,Mx	cmq/m	cm		
1A	0	-0	-14	0	-359	0	-63	2.26	2.26	4.52	4.52	0.08	0.02	0.03	0.33	0.00	0.00	29.6
1B	0	-0	708	0	-359	0	-654	2.26	2.26	4.52	4.52	0.08	0.20	0.04	0.41	0.00	0.00	29.6
1I	0	-0	-62	0	-565	0	-171	2.26	2.26	4.52	4.52	0.08	0.05	0.04	0.52	0.00	0.00	29.6
1J	0	-0	755	0	-565	0	-654	2.26	2.26	4.52	4.52	0.08	0.20	0.05	0.61	0.00	0.00	29.6
2	0	-0	433	0	-256	0	-496	2.26	2.26	4.52	4.52	0.08	0.15	0.03	0.29	0.00	0.00	29.6
7	0	-0	318	0	-202	0	-382	2.26	2.26	4.52	4.52	0.08	0.12	0.02	0.22	0.00	0.00	29.6

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	19	-0	-14	0	-359	0	54	2.26	2.26	4.52	4.52	0.08	0.02	0.03	0.33	0.00	0.00	29.6
1B	19	-0	708	0	-359	0	-654	2.26	2.26	4.52	4.52	0.08	0.20	0.04	0.41	0.00	0.00	29.6
1I	19	-0	-62	0	-565	0	-112	2.26	2.26	4.52	4.52	0.08	0.03	0.04	0.52	0.00	0.00	29.6
1J	19	-0	755	0	-565	0	-654	2.26	2.26	4.52	4.52	0.08	0.20	0.05	0.61	0.00	0.00	29.6
2	19	-0	433	0	-256	0	-496	2.26	2.26	4.52	4.52	0.08	0.15	0.03	0.29	0.00	0.00	29.6
7	19	-0	318	0	-202	0	-382	2.26	2.26	4.52	4.52	0.08	0.12	0.02	0.22	0.00	0.00	29.6

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	38	-0	244	0	-359	0	255	2.26	2.26	4.52	4.52	0.08	0.08	0.03	0.36	0.00	0.00	29.6
1B	38	-0	971	0	-359	0	-654	2.26	2.26	4.52	4.52	0.08	0.20	0.04	0.45	0.00	0.00	29.6
1I	38	-0	75	0	-565	0	-59	2.26	2.26	4.52	4.52	0.08	0.02	0.04	0.52	0.00	0.00	29.6
1J	38	-0	1140	0	-565	0	-654	2.26	2.26	4.52	4.52	0.08	0.20	0.06	0.65	0.00	0.00	29.6
2	38	-0	827	0	-256	0	-496	2.26	2.26	4.52	4.52	0.08	0.15	0.03	0.33	0.00	0.00	29.6
7	38	-0	634	0	-202	0	-382	2.26	2.26	4.52	4.52	0.08	0.12	0.02	0.26	0.00	0.00	29.6

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	57	-0	244	0	-359	0	422	2.26	2.26	4.52	4.52	0.08	0.13	0.03	0.36	0.00	0.00	29.6
1B	57	-0	971	0	-359	0	-654	2.26	2.26	4.52	4.52	0.08	0.20	0.04	0.45	0.00	0.00	29.6
1I	57	-0	75	0	-565	0	172	2.26	2.26	4.52	4.52	0.08	0.05	0.04	0.52	0.00	0.00	29.6
1J	57	-0	1140	0	-565	0	-654	2.26	2.26	4.52	4.52	0.08	0.20	0.06	0.65	0.00	0.00	29.6
2	57	-0	827	0	-256	0	-496	2.26	2.26	4.52	4.52	0.08	0.15	0.03	0.33	0.00	0.00	29.6
7	57	-0	634	0	-202	0	-382	2.26	2.26	4.52	4.52	0.08	0.12	0.02	0.26	0.00	0.00	29.6

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	76	-0	504	0	-359	0	697	2.26	2.26	4.52	4.52	0.08	0.22	0.03	0.39	0.00	0.00	29.6
1B	76	-0	1241	0	-359	0	-654	2.26	2.26	4.52	4.52	0.08	0.20	0.04	0.48	0.00	0.00	29.6
1I	76	-0	212	0	-565	0	398	2.26	2.26	4.52	4.52	0.08	0.12	0.04	0.54	0.00	0.00	29.6
1J	76	-0	1533	0	-565	0	-654	2.26	2.26	4.52	4.52	0.08	0.20	0.06	0.70	0.00	0.00	29.6
2	76	-0	1226	0	-256	0	-496	2.26	2.26	4.52	4.52	0.08	0.15	0.04	0.38	0.00	0.00	29.6
7	76	-0	954	0	-202	0	-382	2.26	2.26	4.52	4.52	0.08	0.12	0.03	0.30	0.00	0.00	29.6

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	94	-0	504	0	-359	0	927	2.26	2.26	4.52	4.52	0.08	0.29	0.03	0.39	0.00	0.00	29.6
1B	94	-0	1241	0	-359	0	-654	2.26	2.26	4.52	4.52	0.08	0.20	0.04	0.48	0.00	0.00	29.6
1I	94	-0	212	0	-565	0	686	2.26	2.26	4.52	4.52	0.08	0.21	0.04	0.54	0.00	0.00	29.6
1J	94	-0	1533	0	-565	0	-654	2.26	2.26	4.52	4.52	0.08	0.20	0.06	0.70	0.00	0.00	29.6
2	94	-0	1226	0	-256	0	259	2.26	2.26	4.52	4.52	0.08	0.08	0.04	0.38	0.00	0.00	29.6
7	94	-0	954	0	-202	0	195	2.26	2.26	4.52	4.52	0.08	0.06	0.03	0.30	0.00	0.00	29.6

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	113	-0	504	0	-359	0	817	2.26	2.26	4.52	4.52	0.08	0.25	0.03	0.39	0.00	0.00	29.6
1B	113	-0	1241	0	-359	0	-654	2.26	2.26	4.52	4.52	0.08	0.20	0.04	0.48	0.00	0.00	29.6
1I	113	-0	212	0	-565	0	755	2.26	2.26	4.52	4.52	0.08	0.23	0.04	0.54	0.00	0.00	29.6
1J	113	-0	1533	0	-565	0	-654	2.26	2.26	4.52	4.52	0.08	0.20	0.06	0.70	0.00	0.00	29.6
2	113	-0	1226	0	-256	0	259	2.26	2.26	4.52	4.52	0.08	0.08	0.04	0.38	0.00	0.00	29.6
7	113	-0	954	0	-202	0	195	2.26	2.26	4.52	4.52	0.08	0.06	0.03	0.30	0.00	0.00	29.6

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

Nome travata: **Travi di fondazione02\_IP1**    Descrizione: **Travi di fondazione 6-7-8-9-10**  
**ASTA NUM. 5**        NI 10        NF 71        SEZ.    Rp    B= 50.0    H= 40.0    (trave di fondazione)

armatura base = 4 X 1.13        per le armature aggiuntive consultare il tabulato

NC	x	Fx	Fy	Fz	Mx	My	Mz	APOST	AANT	AINF	ASUP	x/d	Indice	resistenza	aswta	aswto	PASSO	
	cm		kg			kg*m							Fx,M	Bielle	V,Mx	cmq/m	cm	
1A	0	-0	-1241	-0	-359	0	817	2.26	2.26	4.52	4.52	0.08	0.25	0.04	0.48	0.00	0.00	29.6
1B	0	-0	-504	-0	-359	0	-619	2.26	2.26	4.52	4.52	0.08	0.19	0.03	0.39	0.00	0.00	29.6
1I	0	-0	-1533	-0	-565	0	755	2.26	2.26	4.52	4.52	0.08	0.23	0.06	0.70	0.00	0.00	29.6
1J	0	-0	-212	-0	-565	0	-436	2.26	2.26	4.52	4.52	0.08	0.13	0.04	0.54	0.00	0.00	29.6
2	0	-0	-1226	-0	-256	-0	259	2.26	2.26	4.52	4.52	0.08	0.08	0.04	0.38	0.00	0.00	29.6
7	0	-0	-954	-0	-202	-0	195	2.26	2.26	4.52	4.52	0.08	0.06	0.03	0.30	0.00	0.00	29.6

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	19	-0	-1241	-0	-359	0	817	2.26	2.26	4.52	4.52	0.08	0.25	0.04	0.48	0.00	0.00	29.6
1B	19	-0	-504	-0	-359	0	-588	2.26	2.26	4.52	4.52	0.08	0.18	0.03	0.39	0.00	0.00	29.6
1I	19	-0	-1533	-0	-565	0	755	2.26	2.26	4.52	4.52	0.08	0.23	0.06	0.70	0.00	0.00	29.6
1J	19	-0	-212	-0	-565	0	-347	2.26	2.26	4.52	4.52	0.08	0.11	0.04	0.54	0.00	0.00	29.6
2	19	-0	-1226	-0	-256	-0	259	2.26	2.26	4.52	4.52	0.08	0.08	0.04	0.38	0.00	0.00	29.6
7	19	-0	-954	-0	-202	-0	195	2.26	2.26	4.52	4.52	0.08	0.06	0.03	0.30	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	38	-0	-1241	-0	-359	0	948	2.26	2.26	4.52	4.52	0.08	0.29	0.04	0.48	0.00	0.00	29.6
1B	38	-0	-504	-0	-359	0	-654	2.26	2.26	4.52	4.52	0.08	0.20	0.03	0.39	0.00	0.00	29.6
1I	38	-0	-1533	-0	-565	0	886	2.26	2.26	4.52	4.52	0.08	0.27	0.06	0.70	0.00	0.00	29.6
1J	38	-0	-212	-0	-565	0	-389	2.26	2.26	4.52	4.52	0.08	0.12	0.04	0.54	0.00	0.00	29.6
2	38	-0	-1226	-0	-256	0	-496	2.26	2.26	4.52	4.52	0.08	0.15	0.04	0.38	0.00	0.00	29.6
7	38	-0	-954	-0	-202	0	-381	2.26	2.26	4.52	4.52	0.08	0.12	0.03	0.30	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	57	-0	-971	-0	-359	0	725	2.26	2.26	4.52	4.52	0.08	0.22	0.04	0.45	0.00	0.00	29.6
1B	57	-0	-244	-0	-359	0	-642	2.26	2.26	4.52	4.52	0.08	0.20	0.03	0.36	0.00	0.00	29.6
1I	57	-0	-1140	-0	-565	0	616	2.26	2.26	4.52	4.52	0.08	0.19	0.06	0.65	0.00	0.00	29.6
1J	57	-0	-75	-0	-565	0	-392	2.26	2.26	4.52	4.52	0.08	0.12	0.04	0.52	0.00	0.00	29.6
2	57	-0	-827	-0	-256	0	-496	2.26	2.26	4.52	4.52	0.08	0.15	0.03	0.33	0.00	0.00	29.6
7	57	-0	-634	-0	-202	0	-381	2.26	2.26	4.52	4.52	0.08	0.12	0.02	0.26	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	76	-0	-971	-0	-359	0	558	2.26	2.26	4.52	4.52	0.08	0.17	0.04	0.45	0.00	0.00	29.6
1B	76	-0	-244	-0	-359	0	-654	2.26	2.26	4.52	4.52	0.08	0.20	0.03	0.36	0.00	0.00	29.6
1I	76	-0	-1140	-0	-565	0	-503	2.26	2.26	4.52	4.52	0.08	0.16	0.06	0.65	0.00	0.00	29.6
1J	76	-0	-75	-0	-565	0	-453	2.26	2.26	4.52	4.52	0.08	0.14	0.04	0.52	0.00	0.00	29.6
2	76	-0	-827	-0	-256	0	-496	2.26	2.26	4.52	4.52	0.08	0.15	0.03	0.33	0.00	0.00	29.6
7	76	-0	-634	-0	-202	0	-381	2.26	2.26	4.52	4.52	0.08	0.12	0.02	0.26	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	94	-0	-708	0	-359	0	343	2.26	2.26	4.52	4.52	0.08	0.11	0.04	0.41	0.00	0.00	29.6
1B	94	-0	14	0	-359	0	-635	2.26	2.26	4.52	4.52	0.08	0.20	0.03	0.33	0.00	0.00	29.6
1I	94	-0	-755	0	-565	0	-401	2.26	2.26	4.52	4.52	0.08	0.12	0.05	0.61	0.00	0.00	29.6
1J	94	-0	61	0	-565	0	-519	2.26	2.26	4.52	4.52	0.08	0.16	0.04	0.52	0.00	0.00	29.6
2	94	-0	-433	-0	-256	0	-496	2.26	2.26	4.52	4.52	0.08	0.15	0.03	0.29	0.00	0.00	29.6
7	94	-0	-318	-0	-202	0	-381	2.26	2.26	4.52	4.52	0.08	0.12	0.02	0.22	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	113	-0	-708	0	-359	0	-352	2.26	2.26	4.52	4.52	0.08	0.11	0.04	0.41	0.00	0.00	29.6
1B	113	-0	14	0	-359	0	-654	2.26	2.26	4.52	4.52	0.08	0.20	0.03	0.33	0.00	0.00	29.6
1I	113	-0	-755	0	-565	0	-460	2.26	2.26	4.52	4.52	0.08	0.14	0.05	0.61	0.00	0.00	29.6
1J	113	-0	61	0	-565	0	-591	2.26	2.26	4.52	4.52	0.08	0.18	0.04	0.52	0.00	0.00	29.6
2	113	-0	-433	-0	-256	0	-496	2.26	2.26	4.52	4.52	0.08	0.15	0.03	0.29	0.00	0.00	29.6
7	113	-0	-318	-0	-202	0	-381	2.26	2.26	4.52	4.52	0.08	0.12	0.02	0.22	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

Nome travata: **Travi di fondazione02\_IP1**    Descrizione: **Travi di fondazione 6-7-8-9-10**  
**ASTA NUM. 21**      NI 71      NF 72      SEZ.    Rp B= 50.0    H= 40.0    (trave di fondazione)

armatura base = 4 X 1.13      per le armature aggiuntive consultare il tabulato

NC	x	Fx	Fy	Fz	Mx	My	Mz	APOST	AANT	AINF	ASUP	x/d	Indice resistenza			aswta	aswto	PASSO
--																		
	cm		kg			kg*m				cmq			Fx,M	Bielle	V,Mx	cmq/m		cm
1A	0	-0	-417	0	-83	0	24	2.26	2.26	4.52	4.52	0.08	0.01	0.01	0.13	0.00	0.00	29.6
1B	0	-0	0	0	-83	0	-647	2.26	2.26	4.52	4.52	0.08	0.20	0.01	0.08	0.00	0.00	29.6
1I	0	-0	-437	0	-144	0	-304	2.26	2.26	4.52	4.52	0.08	0.09	0.02	0.18	0.00	0.00	29.6
1J	0	-0	21	0	-144	0	-510	2.26	2.26	4.52	4.52	0.08	0.16	0.01	0.13	0.00	0.00	29.6
2	0	-0	-302	-0	-8	0	-548	2.26	2.26	4.52	4.52	0.08	0.17	0.00	0.04	0.00	0.00	29.6
7	0	-0	-241	-0	-6	0	-425	2.26	2.26	4.52	4.52	0.08	0.13	0.00	0.04	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	19	-0	-417	0	-83	0	-211	2.26	2.26	4.52	4.52	0.08	0.07	0.01	0.13	0.00	0.00	29.6
1B	19	-0	0	0	-83	0	-665	2.26	2.26	4.52	4.52	0.08	0.21	0.01	0.08	0.00	0.00	29.6
1I	19	-0	-437	0	-144	0	-334	2.26	2.26	4.52	4.52	0.08	0.10	0.02	0.18	0.00	0.00	29.6
1J	19	-0	21	0	-144	0	-559	2.26	2.26	4.52	4.52	0.08	0.17	0.01	0.13	0.00	0.00	29.6
2	19	-0	-302	-0	-8	0	-548	2.26	2.26	4.52	4.52	0.08	0.17	0.00	0.04	0.00	0.00	29.6
7	19	-0	-241	-0	-6	0	-425	2.26	2.26	4.52	4.52	0.08	0.13	0.00	0.04	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	38	-0	-417	0	-83	0	-272	2.26	2.26	4.52	4.52	0.08	0.08	0.01	0.13	0.00	0.00	29.6
1B	38	-0	248	0	-83	0	-682	2.26	2.26	4.52	4.52	0.08	0.21	0.01	0.11	0.00	0.00	29.6
1I	38	-0	-437	0	-144	0	-363	2.26	2.26	4.52	4.52	0.08	0.11	0.02	0.18	0.00	0.00	29.6
1J	38	-0	153	0	-144	0	-663	2.26	2.26	4.52	4.52	0.08	0.20	0.01	0.15	0.00	0.00	29.6
2	38	-0	-302	-0	-8	0	-548	2.26	2.26	4.52	4.52	0.08	0.17	0.00	0.04	0.00	0.00	29.6
7	38	-0	-241	-0	-6	0	-425	2.26	2.26	4.52	4.52	0.08	0.13	0.00	0.04	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	57	-0	-156	0	-83	0	-187	2.26	2.26	4.52	4.52	0.08	0.06	0.01	0.09	0.00	0.00	29.6
1B	57	-0	248	0	-83	0	-682	2.26	2.26	4.52	4.52	0.08	0.21	0.01	0.11	0.00	0.00	29.6
1I	57	-0	-61	0	-144	0	-207	2.26	2.26	4.52	4.52	0.08	0.06	0.01	0.14	0.00	0.00	29.6
1J	57	-0	153	0	-144	0	-645	2.26	2.26	4.52	4.52	0.08	0.20	0.01	0.15	0.00	0.00	29.6
2	57	-0	85	0	-8	0	-548	2.26	2.26	4.52	4.52	0.08	0.17	0.00	0.02	0.00	0.00	29.6
7	57	-0	70	0	-6	0	-425	2.26	2.26	4.52	4.52	0.08	0.13	0.00	0.01	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6



1A	76	-0	-156	0	-83	0	-210	2.26	2.26	4.52	4.52	0.08	0.06	0.01	0.09	0.00	0.00	29.6
1B	76	-0	560	0	-83	0	-682	2.26	2.26	4.52	4.52	0.08	0.21	0.01	0.14	0.00	0.00	29.6
1I	76	-0	91	0	-144	0	-220	2.26	2.26	4.52	4.52	0.08	0.07	0.01	0.14	0.00	0.00	29.6
1J	76	-0	507	0	-144	0	-682	2.26	2.26	4.52	4.52	0.08	0.21	0.02	0.19	0.00	0.00	29.6
2	76	-0	470	0	-8	0	-548	2.26	2.26	4.52	4.52	0.08	0.17	0.01	0.07	0.00	0.00	29.6
7	76	-0	381	0	-6	0	-425	2.26	2.26	4.52	4.52	0.08	0.13	0.01	0.05	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	94	-0	39	0	-83	0	-146	2.26	2.26	4.52	4.52	0.08	0.05	0.01	0.08	0.00	0.00	29.6
1B	94	-0	560	0	-83	0	-682	2.26	2.26	4.52	4.52	0.08	0.21	0.01	0.14	0.00	0.00	29.6
1I	94	-0	91	0	-144	0	-190	2.26	2.26	4.52	4.52	0.08	0.06	0.01	0.14	0.00	0.00	29.6
1J	94	-0	507	0	-144	0	-682	2.26	2.26	4.52	4.52	0.08	0.21	0.02	0.19	0.00	0.00	29.6
2	94	-0	470	0	-8	0	-548	2.26	2.26	4.52	4.52	0.08	0.17	0.01	0.07	0.00	0.00	29.6
7	94	-0	381	0	-6	0	-425	2.26	2.26	4.52	4.52	0.08	0.13	0.01	0.05	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	113	-0	39	0	-83	0	-130	2.26	2.26	4.52	4.52	0.08	0.04	0.01	0.08	0.00	0.00	29.6
1B	113	-0	560	0	-83	0	-639	2.26	2.26	4.52	4.52	0.08	0.20	0.01	0.14	0.00	0.00	29.6
1I	113	-0	91	0	-144	0	-160	2.26	2.26	4.52	4.52	0.08	0.05	0.01	0.14	0.00	0.00	29.6
1J	113	-0	507	0	-144	0	-609	2.26	2.26	4.52	4.52	0.08	0.19	0.02	0.19	0.00	0.00	29.6
2	113	-0	470	0	-8	0	-534	2.26	2.26	4.52	4.52	0.08	0.16	0.01	0.07	0.00	0.00	29.6
7	113	-0	381	0	-6	0	-413	2.26	2.26	4.52	4.52	0.08	0.13	0.01	0.05	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

Nome travata: **Travi di fondazione02\_IP1** Descrizione: **Travi di fondazione 6-7-8-9-10**

**ASTA NUM. 22**      NI 72      NF 9      SEZ. Rp B= 50.0 H= 40.0 (trave di fondazione)

armatura base = 4 X 1.13      per le armature aggiuntive consultare il tabulato

NC	x	Fx	Fy	Fz	Mx	My	Mz	APOST	AANT	AINF	ASUP	x/d	Indice	resistenza	aswta	aswto	PASSO
	cm		kg			kg*m				cmq			Fx,M	Bielle	V,Mx	cmq/m	cm
1A	0	-0	10	0	242	0	-104	2.26	2.26	4.52	4.52	0.08	0.03	0.02	0.22	0.00	29.6
1B	0	-0	939	0	242	0	-520	2.26	2.26	4.52	4.52	0.08	0.16	0.03	0.34	0.00	29.6
1I	0	-0	145	0	330	0	-179	2.26	2.26	4.52	4.52	0.08	0.06	0.03	0.32	0.00	29.6
1J	0	-0	804	0	330	0	-520	2.26	2.26	4.52	4.52	0.08	0.16	0.04	0.40	0.00	29.6
2	0	-0	678	0	233	0	-414	2.26	2.26	4.52	4.52	0.08	0.13	0.03	0.30	0.00	29.6
7	0	-0	521	0	181	0	-313	2.26	2.26	4.52	4.52	0.08	0.10	0.02	0.23	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	19	-0	10	0	242	0	-76	2.26	2.26	4.52	4.52	0.08	0.02	0.02	0.22	0.00	0.00	29.6
1B	19	-0	939	0	242	0	-520	2.26	2.26	4.52	4.52	0.08	0.16	0.03	0.34	0.00	0.00	29.6
1I	19	-0	145	0	330	0	-129	2.26	2.26	4.52	4.52	0.08	0.04	0.03	0.32	0.00	0.00	29.6
1J	19	-0	804	0	330	0	-520	2.26	2.26	4.52	4.52	0.08	0.16	0.04	0.40	0.00	0.00	29.6
2	19	-0	678	0	233	0	-414	2.26	2.26	4.52	4.52	0.08	0.13	0.03	0.30	0.00	0.00	29.6
7	19	-0	521	0	181	0	-313	2.26	2.26	4.52	4.52	0.08	0.10	0.02	0.23	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	38	-0	205	0	242	0	-129	2.26	2.26	4.52	4.52	0.08	0.04	0.02	0.25	0.00	0.00	29.6
1B	38	-0	1252	0	242	0	-520	2.26	2.26	4.52	4.52	0.08	0.16	0.04	0.38	0.00	0.00	29.6
1I	38	-0	273	0	330	0	-131	2.26	2.26	4.52	4.52	0.08	0.04	0.03	0.33	0.00	0.00	29.6
1J	38	-0	1184	0	330	0	-520	2.26	2.26	4.52	4.52	0.08	0.16	0.04	0.45	0.00	0.00	29.6
2	38	-0	1066	0	233	0	-414	2.26	2.26	4.52	4.52	0.08	0.13	0.03	0.34	0.00	0.00	29.6
7	38	-0	834	0	181	0	-313	2.26	2.26	4.52	4.52	0.08	0.10	0.03	0.27	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	57	-0	205	0	242	0	-129	2.26	2.26	4.52	4.52	0.08	0.04	0.02	0.25	0.00	0.00	29.6
1B	57	-0	1252	0	242	0	580	2.26	2.26	4.52	4.52	0.08	0.18	0.04	0.38	0.00	0.00	29.6
1I	57	-0	273	0	330	-0	-114	2.26	2.26	4.52	4.52	0.08	0.04	0.03	0.33	0.00	0.00	29.6
1J	57	-0	1184	0	330	-0	508	2.26	2.26	4.52	4.52	0.08	0.16	0.04	0.45	0.00	0.00	29.6
2	57	-0	1066	0	233	-0	487	2.26	2.26	4.52	4.52	0.08	0.15	0.03	0.34	0.00	0.00	29.6
7	57	-0	834	0	181	-0	388	2.26	2.26	4.52	4.52	0.08	0.12	0.03	0.27	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	76	-0	403	0	242	0	501	2.26	2.26	4.52	4.52	0.08	0.15	0.02	0.27	0.00	0.00	29.6
1B	76	-0	1563	0	242	0	919	2.26	2.26	4.52	4.52	0.08	0.28	0.04	0.41	0.00	0.00	29.6
1I	76	-0	402	0	330	-0	440	2.26	2.26	4.52	4.52	0.08	0.14	0.03	0.35	0.00	0.00	29.6
1J	76	-0	1564	0	330	-0	23	2.26	2.26	4.52	4.52	0.08	0.01	0.05	0.49	0.00	0.00	29.6
2	76	-0	1456	0	233	-0	576	2.26	2.26	4.52	4.52	0.08	0.18	0.04	0.39	0.00	0.00	29.6
7	76	-0	1148	0	181	-0	460	2.26	2.26	4.52	4.52	0.08	0.14	0.03	0.31	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	94	-0	403	0	242	-0	794	2.26	2.26	4.52	4.52	0.08	0.24	0.02	0.27	0.00	0.00	29.6
1B	94	-0	1563	0	242	-0	685	2.26	2.26	4.52	4.52	0.08	0.21	0.04	0.41	0.00	0.00	29.6
1I	94	-0	402	0	330	-0	734	2.26	2.26	4.52	4.52	0.08	0.23	0.03	0.35	0.00	0.00	29.6
1J	94	-0	1564	0	330	-0	23	2.26	2.26	4.52	4.52	0.08	0.01	0.05	0.49	0.00	0.00	29.6
2	94	-0	1456	0	233	-0	576	2.26	2.26	4.52	4.52	0.08	0.18	0.04	0.39	0.00	0.00	29.6
7	94	-0	1148	0	181	-0	460	2.26	2.26	4.52	4.52	0.08	0.14	0.03	0.31	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	113	-0	403	0	242	-0	771	2.26	2.26	4.52	4.52	0.08	0.24	0.02	0.27	0.00	0.00	29.6
1B	113	-0	1563	0	242	-0	-520	2.26	2.26	4.52	4.52	0.08	0.16	0.04	0.41	0.00	0.00	29.6
1I	113	-0	402	0	330	-0	714	2.26	2.26	4.52	4.52	0.08	0.22	0.03	0.35	0.00	0.00	29.6
1J	113	-0	1564	0	330	-0	23	2.26	2.26	4.52	4.52	0.08	0.01	0.05	0.49	0.00	0.00	29.6
2	113	-0	1456	0	233	-0	576	2.26	2.26	4.52	4.52	0.08	0.18	0.04	0.39	0.00	0.00	29.6
7	113	-0	1148	0	181	-0	460	2.26	2.26	4.52	4.52	0.08	0.14	0.03	0.31	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

Nome travata: **Travi di fondazione02\_IP1** Descrizione: **Travi di fondazione 6-7-8-9-10**

armatura base = 4 X 1.13      per le armature aggiuntive consultare il tabulato

Nome travata: **Travi di fondazione02\_IP1** Descrizione: **Travi di fondazione 6-7-8-9-10**  
**ASTA NUM. 19** NI 83 NF 84 SEZ. R<sub>p</sub> B= 50.0 H= 40.0 (trave di fondazione)

NC	x	Fx	Fy	Fz	Mx	My	Mz	APOST	AANT	AINF	ASUP	x/d	Indice	resistenza	aswta	aswto	PASSO
	cm		kg			kg*m							Fx,M	Bielle	V,Mx	cmq/m	cm
1A	0	-0	-573	0	100	0	102	2.26	2.26	4.52	4.52	0.08	0.03	0.02	0.16	0.00	29.6
1B	0	-0	91	0	100	0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.01	0.10	0.00	29.6
1I	0	-0	-488	0	102	0	-209	2.26	2.26	4.52	4.52	0.08	0.06	0.01	0.15	0.00	29.6
1J	0	-0	5	0	102	0	-345	2.26	2.26	4.52	4.52	0.08	0.11	0.01	0.09	0.00	29.6
2	0	-0	-371	-0	1	0	-370	2.26	2.26	4.52	4.52	0.08	0.11	0.01	0.05	0.00	29.6
7	0	-0	-300	-0	1	0	-286	2.26	2.26	4.52	4.52	0.08	0.09	0.00	0.04	0.00	29.6
apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6																	
1A	19	-0	-573	0	100	0	102	2.26	2.26	4.52	4.52	0.08	0.03	0.02	0.16	0.00	29.6
1B	19	-0	91	0	100	0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.01	0.10	0.00	29.6
1I	19	-0	-488	0	102	0	-254	2.26	2.26	4.52	4.52	0.08	0.08	0.01	0.15	0.00	29.6
1J	19	-0	5	0	102	0	-390	2.26	2.26	4.52	4.52	0.08	0.12	0.01	0.09	0.00	29.6
2	19	-0	-371	-0	1	0	-370	2.26	2.26	4.52	4.52	0.08	0.11	0.01	0.05	0.00	29.6
7	19	-0	-300	-0	1	0	-286	2.26	2.26	4.52	4.52	0.08	0.09	0.00	0.04	0.00	29.6
apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6																	

1A	38	-0	-573	0	100	0	-324	2.26	2.26	4.52	4.52	0.08	0.10	0.02	0.16	0.00	0.00	29.6
1B	38	-0	310	0	100	0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.01	0.13	0.00	0.00	29.6
1I	38	-0	-488	0	102	0	-300	2.26	2.26	4.52	4.52	0.08	0.09	0.01	0.15	0.00	0.00	29.6
1J	38	-0	135	0	102	0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.01	0.11	0.00	0.00	29.6
2	38	-0	-371	-0	1	0	-370	2.26	2.26	4.52	4.52	0.08	0.11	0.01	0.05	0.00	0.00	29.6
7	38	-0	-300	-0	1	0	-286	2.26	2.26	4.52	4.52	0.08	0.09	0.00	0.04	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	57	-0	-292	0	100	0	-254	2.26	2.26	4.52	4.52	0.08	0.08	0.01	0.13	0.00	0.00	29.6
1B	57	-0	310	0	100	0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.01	0.13	0.00	0.00	29.6
1I	57	-0	-117	0	102	0	-158	2.26	2.26	4.52	4.52	0.08	0.05	0.01	0.11	0.00	0.00	29.6
1J	57	-0	135	0	102	0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.01	0.11	0.00	0.00	29.6
2	57	-0	14	0	1	0	-370	2.26	2.26	4.52	4.52	0.08	0.11	0.00	0.00	0.00	0.00	29.6
7	57	-0	11	0	1	0	-286	2.26	2.26	4.52	4.52	0.08	0.09	0.00	0.00	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	76	-0	-292	0	100	0	-302	2.26	2.26	4.52	4.52	0.08	0.09	0.01	0.13	0.00	0.00	29.6
1B	76	-0	599	0	100	0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.02	0.17	0.00	0.00	29.6
1I	76	-0	-117	0	102	0	-170	2.26	2.26	4.52	4.52	0.08	0.05	0.01	0.11	0.00	0.00	29.6
1J	76	-0	500	0	102	0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.01	0.16	0.00	0.00	29.6
2	76	-0	400	0	1	0	-370	2.26	2.26	4.52	4.52	0.08	0.11	0.01	0.05	0.00	0.00	29.6
7	76	-0	322	0	1	0	-286	2.26	2.26	4.52	4.52	0.08	0.09	0.00	0.04	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	94	-0	-80	0	100	0	-262	2.26	2.26	4.52	4.52	0.08	0.08	0.01	0.10	0.00	0.00	29.6
1B	94	-0	599	0	100	0	-446	2.26	2.26	4.52	4.52	0.08	0.14	0.02	0.17	0.00	0.00	29.6
1I	94	-0	18	0	102	0	-90	2.26	2.26	4.52	4.52	0.08	0.03	0.01	0.10	0.00	0.00	29.6
1J	94	-0	500	0	102	0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.01	0.16	0.00	0.00	29.6
2	94	-0	400	0	1	0	-370	2.26	2.26	4.52	4.52	0.08	0.11	0.01	0.05	0.00	0.00	29.6
7	94	-0	322	0	1	0	-286	2.26	2.26	4.52	4.52	0.08	0.09	0.00	0.04	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	113	-0	-80	0	100	0	-310	2.26	2.26	4.52	4.52	0.08	0.10	0.01	0.10	0.00	0.00	29.6
1B	113	-0	599	0	100	0	-300	2.26	2.26	4.52	4.52	0.08	0.09	0.02	0.17	0.00	0.00	29.6
1I	113	-0	18	0	102	0	-51	2.26	2.26	4.52	4.52	0.08	0.02	0.01	0.10	0.00	0.00	29.6
1J	113	-0	500	0	102	0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.01	0.16	0.00	0.00	29.6
2	113	-0	400	0	1	0	-370	2.26	2.26	4.52	4.52	0.08	0.11	0.01	0.05	0.00	0.00	29.6
7	113	-0	322	0	1	0	-286	2.26	2.26	4.52	4.52	0.08	0.09	0.00	0.04	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

Nome travata: **Travi di fondazione02\_IP1**    Descrizione: **Travi di fondazione 6-7-8-9-10**  
**ASTA NUM. 20**      NI 84      NF 8      SEZ.    Rp    B= 50.0    H= 40.0    (trave di fondazione)

armatura base = 4 X 1.13      per le armature aggiuntive consultare il tabulato

NC	x	Fx	Fy	Fz	Mx	My	Mz	APOST	AANT	AINF	ASUP	x/d	Indice resistenza			aswta	aswto	PASSO
--													Fx,M	Bielle	V,Mx			
	cm		kg			kg*m				cmq						cmq/m		cm
1A	0	-0	-126	0	276	0	-201	2.26	2.26	4.52	4.52	0.08	0.06	0.02	0.27	0.00	0.00	29.6
1B	0	-0	1019	0	276	0	-358	2.26	2.26	4.52	4.52	0.08	0.11	0.04	0.38	0.00	0.00	29.6
1I	0	-0	40	0	412	0	-91	2.26	2.26	4.52	4.52	0.08	0.03	0.03	0.38	0.00	0.00	29.6
1J	0	-0	853	0	412	0	-358	2.26	2.26	4.52	4.52	0.08	0.11	0.04	0.48	0.00	0.00	29.6
2	0	-0	622	0	232	0	-291	2.26	2.26	4.52	4.52	0.08	0.09	0.03	0.29	0.00	0.00	29.6
7	0	-0	474	0	182	0	-221	2.26	2.26	4.52	4.52	0.08	0.07	0.02	0.22	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	19	-0	-126	0	276	0	71	2.26	2.26	4.52	4.52	0.08	0.02	0.02	0.27	0.00	0.00	29.6
1B	19	-0	1019	0	276	0	-358	2.26	2.26	4.52	4.52	0.08	0.11	0.04	0.38	0.00	0.00	29.6
1I	19	-0	40	0	412	0	-152	2.26	2.26	4.52	4.52	0.08	0.05	0.03	0.38	0.00	0.00	29.6
1J	19	-0	853	0	412	0	-358	2.26	2.26	4.52	4.52	0.08	0.11	0.04	0.48	0.00	0.00	29.6
2	19	-0	622	0	232	0	-291	2.26	2.26	4.52	4.52	0.08	0.09	0.03	0.29	0.00	0.00	29.6
7	19	-0	474	0	182	0	-221	2.26	2.26	4.52	4.52	0.08	0.07	0.02	0.22	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	38	-0	-126	0	276	0	237	2.26	2.26	4.52	4.52	0.08	0.07	0.02	0.27	0.00	0.00	29.6
1B	38	-0	1311	0	276	0	-358	2.26	2.26	4.52	4.52	0.08	0.11	0.04	0.41	0.00	0.00	29.6
1I	38	-0	172	0	412	0	-267	2.26	2.26	4.52	4.52	0.08	0.08	0.03	0.40	0.00	0.00	29.6
1J	38	-0	1226	0	412	0	-358	2.26	2.26	4.52	4.52	0.08	0.11	0.05	0.53	0.00	0.00	29.6
2	38	-0	1011	0	232	0	-291	2.26	2.26	4.52	4.52	0.08	0.09	0.03	0.34	0.00	0.00	29.6
7	38	-0	788	0	182	0	-221	2.26	2.26	4.52	4.52	0.08	0.07	0.02	0.26	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	57	-0	87	0	276	0	452	2.26	2.26	4.52	4.52	0.08	0.14	0.02	0.26	0.00	0.00	29.6
1B	57	-0	1311	0	276	0	-358	2.26	2.26	4.52	4.52	0.08	0.11	0.04	0.41	0.00	0.00	29.6
1I	57	-0	172	0	412	0	351	2.26	2.26	4.52	4.52	0.08	0.11	0.03	0.40	0.00	0.00	29.6
1J	57	-0	1226	0	412	0	-358	2.26	2.26	4.52	4.52	0.08	0.11	0.05	0.53	0.00	0.00	29.6
2	57	-0	1011	0	232	-0	556	2.26	2.26	4.52	4.52	0.08	0.17	0.03	0.34	0.00	0.00	29.6
7	57	-0	788	0	182	-0	435	2.26	2.26	4.52	4.52	0.08	0.13	0.02	0.26	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	76	-0	303	0	276	0	774	2.26	2.26	4.52	4.52	0.08	0.24	0.02	0.29	0.00	0.00	29.6
1B	76	-0	1604	0	276	0	-358	2.26	2.26	4.52	4.52	0.08	0.11	0.04	0.45	0.00	0.00	29.6
1I	76	-0	305	0	412	0	585	2.26	2.26	4.52	4.52	0.08	0.18	0.03	0.41	0.00	0.00	29.6
1J	76	-0	1602	0	412	0	-358	2.26	2.26	4.52	4.52	0.08	0.11	0.05	0.57	0.00	0.00	29.6
2	76	-0	1403	0	232	-0	645	2.26	2.26	4.52	4.52	0.08	0.20	0.04	0.39	0.00	0.00	29.6
7	76	-0	1104	0	182	-0	507	2.26	2.26	4.52	4.52	0.08	0.16	0.03	0.30	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	94	-0	303	0	276	0	1077	2.26	2.26	4.52	4.52	0.08	0.33	0.02	0.29	0.00	0.00	29.6
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1B	94	-0	1604	0	276	0	-358	2.26	2.26	4.52	4.52	0.08	0.11	0.04	0.45	0.00	0.00	29.6
1I	94	-0	305	0	412	-0	887	2.26	2.26	4.52	4.52	0.08	0.27	0.03	0.41	0.00	0.00	29.6
1J	94	-0	1602	0	412	-0	700	2.26	2.26	4.52	4.52	0.08	0.22	0.05	0.57	0.00	0.00	29.6
2	94	-0	1403	0	232	-0	645	2.26	2.26	4.52	4.52	0.08	0.20	0.04	0.39	0.00	0.00	29.6
7	94	-0	1104	0	182	-0	507	2.26	2.26	4.52	4.52	0.08	0.16	0.03	0.30	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	113	-0	303	0	276	0	1111	2.26	2.26	4.52	4.52	0.08	0.34	0.02	0.29	0.00	0.00	29.6
1B	113	-0	1604	0	276	0	-358	2.26	2.26	4.52	4.52	0.08	0.11	0.04	0.45	0.00	0.00	29.6
1I	113	-0	305	0	412	-0	920	2.26	2.26	4.52	4.52	0.08	0.28	0.03	0.41	0.00	0.00	29.6
1J	113	-0	1602	0	412	-0	-358	2.26	2.26	4.52	4.52	0.08	0.11	0.05	0.57	0.00	0.00	29.6
2	113	-0	1403	0	232	-0	645	2.26	2.26	4.52	4.52	0.08	0.20	0.04	0.39	0.00	0.00	29.6
7	113	-0	1104	0	182	-0	507	2.26	2.26	4.52	4.52	0.08	0.16	0.03	0.30	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

Nome travata: **Travi di fondazione02\_IP1** Descrizione: **Travi di fondazione 6-7-8-9-10**  
**ASTA NUM. 7**    NI 8    NF 93    SEZ. Rp B= 50.0 H= 40.0 (trave di fondazione)

armatura base = 4 X 1.13      per le armature aggiuntive consultare il tabulato

NC	x	Fx	Fy	Fz	Mx	My	Mz	APOST	AANT	AINF	ASUP	x/d	Indice	resistenza	aswta	aswto	PASSO	
	cm	kg			kg*m			cmq					Fx,M	Bielle	V,Mx	cmq/m	cm	
1A	0	-0	-1604	-0	-276	0	1111	2.26	2.26	4.52	4.52	0.08	0.34	0.04	0.45	0.00	0.00	29.6
1B	0	-0	-303	-0	-276	0	-358	2.26	2.26	4.52	4.52	0.08	0.11	0.02	0.29	0.00	0.00	29.6
1I	0	-0	-1602	-0	-412	-0	920	2.26	2.26	4.52	4.52	0.08	0.28	0.05	0.57	0.00	0.00	29.6
1J	0	-0	-305	-0	-412	-0	-179	2.26	2.26	4.52	4.52	0.08	0.06	0.03	0.41	0.00	0.00	29.6
2	0	-0	-1403	-0	-232	-0	645	2.26	2.26	4.52	4.52	0.08	0.20	0.04	0.39	0.00	0.00	29.6
7	0	-0	-1104	-0	-182	-0	507	2.26	2.26	4.52	4.52	0.08	0.16	0.03	0.30	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	19	-0	-1604	-0	-276	0	1111	2.26	2.26	4.52	4.52	0.08	0.34	0.04	0.45	0.00	0.00	29.6
1B	19	-0	-303	-0	-276	0	-283	2.26	2.26	4.52	4.52	0.08	0.09	0.02	0.29	0.00	0.00	29.6
1I	19	-0	-1602	-0	-412	-0	920	2.26	2.26	4.52	4.52	0.08	0.28	0.05	0.57	0.00	0.00	29.6
1J	19	-0	-305	-0	-412	-0	91	2.26	2.26	4.52	4.52	0.08	0.03	0.03	0.41	0.00	0.00	29.6
2	19	-0	-1403	-0	-232	-0	645	2.26	2.26	4.52	4.52	0.08	0.20	0.04	0.39	0.00	0.00	29.6
7	19	-0	-1104	-0	-182	-0	507	2.26	2.26	4.52	4.52	0.08	0.16	0.03	0.30	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	38	-0	-1604	-0	-276	0	1254	2.26	2.26	4.52	4.52	0.08	0.39	0.04	0.45	0.00	0.00	29.6
1B	38	-0	-303	-0	-276	0	-340	2.26	2.26	4.52	4.52	0.08	0.11	0.02	0.29	0.00	0.00	29.6
1I	38	-0	-1602	-0	-412	0	1063	2.26	2.26	4.52	4.52	0.08	0.33	0.05	0.57	0.00	0.00	29.6
1J	38	-0	-305	-0	-412	0	-152	2.26	2.26	4.52	4.52	0.08	0.05	0.03	0.41	0.00	0.00	29.6
2	38	-0	-1403	-0	-232	-0	856	2.26	2.26	4.52	4.52	0.08	0.26	0.04	0.39	0.00	0.00	29.6
7	38	-0	-1104	-0	-182	-0	673	2.26	2.26	4.52	4.52	0.08	0.21	0.03	0.30	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	57	-0	-1311	-0	-276	0	962	2.26	2.26	4.52	4.52	0.08	0.30	0.04	0.41	0.00	0.00	29.6
1B	57	-0	-87	-0	-276	0	-283	2.26	2.26	4.52	4.52	0.08	0.09	0.02	0.26	0.00	0.00	29.6
1I	57	-0	-1226	-0	-412	0	790	2.26	2.26	4.52	4.52	0.08	0.24	0.05	0.53	0.00	0.00	29.6
1J	57	-0	-172	-0	-412	0	-182	2.26	2.26	4.52	4.52	0.08	0.06	0.03	0.40	0.00	0.00	29.6
2	57	-0	-1011	-0	-232	-0	556	2.26	2.26	4.52	4.52	0.08	0.17	0.03	0.34	0.00	0.00	29.6
7	57	-0	-788	-0	-182	-0	435	2.26	2.26	4.52	4.52	0.08	0.13	0.02	0.26	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	76	-0	-1311	0	-276	0	730	2.26	2.26	4.52	4.52	0.08	0.23	0.04	0.41	0.00	0.00	29.6
1B	76	-0	126	0	-276	0	-332	2.26	2.26	4.52	4.52	0.08	0.10	0.02	0.27	0.00	0.00	29.6
1I	76	-0	-1226	-0	-412	0	611	2.26	2.26	4.52	4.52	0.08	0.19	0.05	0.53	0.00	0.00	29.6
1J	76	-0	-172	-0	-412	0	-267	2.26	2.26	4.52	4.52	0.08	0.08	0.03	0.40	0.00	0.00	29.6
2	76	-0	-1011	-0	-232	0	-291	2.26	2.26	4.52	4.52	0.08	0.09	0.03	0.34	0.00	0.00	29.6
7	76	-0	-788	-0	-182	0	-221	2.26	2.26	4.52	4.52	0.08	0.07	0.02	0.26	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	94	-0	-1019	0	-276	0	443	2.26	2.26	4.52	4.52	0.08	0.14	0.04	0.38	0.00	0.00	29.6
1B	94	-0	126	0	-276	0	-334	2.26	2.26	4.52	4.52	0.08	0.10	0.02	0.27	0.00	0.00	29.6
1I	94	-0	-853	-0	-412	0	-358	2.26	2.26	4.52	4.52	0.08	0.11	0.04	0.48	0.00	0.00	29.6
1J	94	-0	-40	-0	-412	0	-152	2.26	2.26	4.52	4.52	0.08	0.05	0.03	0.38	0.00	0.00	29.6
2	94	-0	-622	-0	-232	0	-291	2.26	2.26	4.52	4.52	0.08	0.09	0.03	0.29	0.00	0.00	29.6
7	94	-0	-474	-0	-182	0	-221	2.26	2.26	4.52	4.52	0.08	0.07	0.02	0.22	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	113	-0	-1019	0	-276	0	-358	2.26	2.26	4.52	4.52	0.08	0.11	0.04	0.38	0.00	0.00	29.6
1B	113	-0	126	0	-276	0	-337	2.26	2.26	4.52	4.52	0.08	0.10	0.02	0.27	0.00	0.00	29.6
1I	113	-0	-853	-0	-412	0	-358	2.26	2.26	4.52	4.52	0.08	0.11	0.04	0.48	0.00	0.00	29.6
1J	113	-0	-40	-0	-412	0	-91	2.26	2.26	4.52	4.52	0.08	0.03	0.03	0.38	0.00	0.00	29.6
2	113	-0	-622	-0	-232	0	-291	2.26	2.26	4.52	4.52	0.08	0.09	0.03	0.29	0.00	0.00	29.6
7	113	-0	-474	-0	-182	0	-221	2.26	2.26	4.52	4.52	0.08	0.07	0.02	0.22	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

Nome travata: **Travi di fondazione02\_IP1** Descrizione: **Travi di fondazione 6-7-8-9-10**  
**ASTA NUM. 17**    NI 93    NF 94    SEZ. Rp B= 50.0 H= 40.0 (trave di fondazione)

armatura base = 4 X 1.13      per le armature aggiuntive consultare il tabulato

NC	x	Fx	Fy	Fz	Mx	My	Mz	APOST	AANT	AINF	ASUP	x/d	Indice	resistenza	aswta	aswto	PASSO
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
cm		kg			kg*m				cmq				Fx,M	Bielle	V,Mx	cmq/m	cm

1A	0	-0	-599	0	-100	0	-300	2.26	2.26	4.52	4.52	0.08	0.09	0.02	0.17	0.00	0.00	29.6
1B	0	-0	80	0	-100	0	-310	2.26	2.26	4.52	4.52	0.08	0.10	0.01	0.10	0.00	0.00	29.6
1I	0	-0	-500	-0	-102	0	-252	2.26	2.26	4.52	4.52	0.08	0.08	0.01	0.16	0.00	0.00	29.6
1J	0	-0	-18	-0	-102	0	-292	2.26	2.26	4.52	4.52	0.08	0.09	0.01	0.10	0.00	0.00	29.6
2	0	-0	-400	-0	-1	0	-370	2.26	2.26	4.52	4.52	0.08	0.11	0.01	0.05	0.00	0.00	29.6
7	0	-0	-322	-0	-1	0	-286	2.26	2.26	4.52	4.52	0.08	0.09	0.00	0.04	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	19	-0	-599	0	-100	0	-446	2.26	2.26	4.52	4.52	0.08	0.14	0.02	0.17	0.00	0.00	29.6
1B	19	-0	80	0	-100	0	-262	2.26	2.26	4.52	4.52	0.08	0.08	0.01	0.10	0.00	0.00	29.6
1I	19	-0	-500	-0	-102	0	-291	2.26	2.26	4.52	4.52	0.08	0.09	0.01	0.16	0.00	0.00	29.6
1J	19	-0	-18	-0	-102	0	-350	2.26	2.26	4.52	4.52	0.08	0.11	0.01	0.10	0.00	0.00	29.6
2	19	-0	-400	-0	-1	0	-370	2.26	2.26	4.52	4.52	0.08	0.11	0.01	0.05	0.00	0.00	29.6
7	19	-0	-322	-0	-1	0	-286	2.26	2.26	4.52	4.52	0.08	0.09	0.00	0.04	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	38	-0	-599	0	-100	0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.02	0.17	0.00	0.00	29.6
1B	38	-0	292	0	-100	0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.01	0.13	0.00	0.00	29.6
1I	38	-0	-500	0	-102	0	-330	2.26	2.26	4.52	4.52	0.08	0.10	0.01	0.16	0.00	0.00	29.6
1J	38	-0	117	0	-102	0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.01	0.11	0.00	0.00	29.6
2	38	-0	-400	-0	-1	0	-370	2.26	2.26	4.52	4.52	0.08	0.11	0.01	0.05	0.00	0.00	29.6
7	38	-0	-322	-0	-1	0	-286	2.26	2.26	4.52	4.52	0.08	0.09	0.00	0.04	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	57	-0	-310	0	-100	0	-262	2.26	2.26	4.52	4.52	0.08	0.08	0.01	0.13	0.00	0.00	29.6
1B	57	-0	292	0	-100	0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.01	0.13	0.00	0.00	29.6
1I	57	-0	-135	0	-102	0	-166	2.26	2.26	4.52	4.52	0.08	0.05	0.01	0.11	0.00	0.00	29.6
1J	57	-0	117	0	-102	0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.01	0.11	0.00	0.00	29.6
2	57	-0	-14	-0	-1	0	-370	2.26	2.26	4.52	4.52	0.08	0.11	0.00	0.00	0.00	0.00	29.6
7	57	-0	-11	-0	-1	0	-286	2.26	2.26	4.52	4.52	0.08	0.09	0.00	0.00	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	76	-0	-310	0	-100	0	-214	2.26	2.26	4.52	4.52	0.08	0.07	0.01	0.13	0.00	0.00	29.6
1B	76	-0	573	0	-100	0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.02	0.16	0.00	0.00	29.6
1I	76	-0	-135	0	-102	0	-153	2.26	2.26	4.52	4.52	0.08	0.05	0.01	0.11	0.00	0.00	29.6
1J	76	-0	488	0	-102	0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.01	0.15	0.00	0.00	29.6
2	76	-0	371	0	-1	0	-370	2.26	2.26	4.52	4.52	0.08	0.11	0.01	0.05	0.00	0.00	29.6
7	76	-0	300	0	-1	0	-286	2.26	2.26	4.52	4.52	0.08	0.09	0.00	0.04	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	94	-0	-91	0	-100	0	46	2.26	2.26	4.52	4.52	0.08	0.01	0.01	0.10	0.00	0.00	29.6
1B	94	-0	573	0	-100	0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.02	0.16	0.00	0.00	29.6
1I	94	-0	-5	0	-102	0	-53	2.26	2.26	4.52	4.52	0.08	0.02	0.01	0.09	0.00	0.00	29.6
1J	94	-0	488	0	-102	0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.01	0.15	0.00	0.00	29.6
2	94	-0	371	0	-1	0	-370	2.26	2.26	4.52	4.52	0.08	0.11	0.01	0.05	0.00	0.00	29.6
7	94	-0	300	0	-1	0	-286	2.26	2.26	4.52	4.52	0.08	0.09	0.00	0.04	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	113	-0	-91	0	-100	0	102	2.26	2.26	4.52	4.52	0.08	0.03	0.01	0.10	0.00	0.00	29.6
1B	113	-0	573	0	-100	0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.02	0.16	0.00	0.00	29.6
1I	113	-0	-5	0	-102	0	-8	2.26	2.26	4.52	4.52	0.08	0.00	0.01	0.09	0.00	0.00	29.6
1J	113	-0	488	0	-102	0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.01	0.15	0.00	0.00	29.6
2	113	-0	371	0	-1	0	-370	2.26	2.26	4.52	4.52	0.08	0.11	0.01	0.05	0.00	0.00	29.6
7	113	-0	300	0	-1	0	-286	2.26	2.26	4.52	4.52	0.08	0.09	0.00	0.04	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

Nome travata: **Travi di fondazione02\_IP1** Descrizione: **Travi di fondazione 6-7-8-9-10**

**ASTA NUM. 18**    NI 94    NF 7    SEZ.    Rp B= 50.0    H= 40.0    (trave di fondazione)

armatura base = 4 X 1.13      per le armature aggiuntive consultare il tabulato

NC	x	Fx	Fy	Fz	Mx	My	Mz	APOST	AANT	AINF	ASUP	x/d	Indice resistenza			aswta	aswto	PASSO
--																		
	cm		kg			kg*m				cmq			Fx,M	Bielle	V,Mx	cmq/m		cm
1A	0	-0	-88	0	294	0	5	2.26	2.26	4.52	4.52	0.08	0.00	0.02	0.28	0.00	0.00	29.6
1B	0	-0	955	0	294	0	-467	2.26	2.26	4.52	4.52	0.08	0.14	0.04	0.39	0.00	0.00	29.6
1I	0	-0	19	0	461	0	-51	2.26	2.26	4.52	4.52	0.08	0.02	0.03	0.42	0.00	0.00	29.6
1J	0	-0	848	0	461	0	-467	2.26	2.26	4.52	4.52	0.08	0.14	0.05	0.52	0.00	0.00	29.6
2	0	-0	593	0	229	0	-311	2.26	2.26	4.52	4.52	0.08	0.10	0.03	0.28	0.00	0.00	29.6
7	0	-0	450	0	180	0	-236	2.26	2.26	4.52	4.52	0.08	0.07	0.02	0.22	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	19	-0	-88	0	294	0	197	2.26	2.26	4.52	4.52	0.08	0.06	0.02	0.28	0.00	0.00	29.6
1B	19	-0	955	0	294	0	-467	2.26	2.26	4.52	4.52	0.08	0.14	0.04	0.39	0.00	0.00	29.6
1I	19	-0	19	0	461	0	50	2.26	2.26	4.52	4.52	0.08	0.02	0.03	0.42	0.00	0.00	29.6
1J	19	-0	848	0	461	0	-467	2.26	2.26	4.52	4.52	0.08	0.14	0.05	0.52	0.00	0.00	29.6
2	19	-0	593	0	229	0	-311	2.26	2.26	4.52	4.52	0.08	0.10	0.03	0.28	0.00	0.00	29.6
7	19	-0	450	0	180	0	-236	2.26	2.26	4.52	4.52	0.08	0.07	0.02	0.22	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	38	-0	135	0	294	0	373	2.26	2.26	4.52	4.52	0.08	0.12	0.02	0.28	0.00	0.00	29.6
1B	38	-0	1237	0	294	0	-467	2.26	2.26	4.52	4.52	0.08	0.14	0.04	0.42	0.00	0.00	29.6
1I	38	-0	148	0	461	0	188	2.26	2.26	4.52	4.52	0.08	0.06	0.04	0.44	0.00	0.00	29.6
1J	38	-0	1224	0	461	0	-467	2.26	2.26	4.52	4.52	0.08	0.14	0.05	0.57	0.00	0.00	29.6
2	38	-0	981	0	229	0	-311	2.26	2.26	4.52	4.52	0.08	0.10	0.03	0.33	0.00	0.00	29.6
7	38	-0	763	0	180	0	-236	2.26	2.26	4.52	4.52	0.08	0.07	0.02	0.26	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	57	-0	135	0	294	0	592	2.26	2.26	4.52	4.52	0.08	0.18	0.02	0.28	0.00	0.00	29.6
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1B	57	-0	1237	0	294	0	-467	2.26	2.26	4.52	4.52	0.08	0.14	0.04	0.42	0.00	0.00	29.6
1I	57	-0	148	0	461	0	370	2.26	2.26	4.52	4.52	0.08	0.11	0.04	0.44	0.00	0.00	29.6
1J	57	-0	1224	0	461	0	-467	2.26	2.26	4.52	4.52	0.08	0.14	0.05	0.57	0.00	0.00	29.6
2	57	-0	981	0	229	-0	507	2.26	2.26	4.52	4.52	0.08	0.16	0.03	0.33	0.00	0.00	29.6
7	57	-0	763	0	180	-0	395	2.26	2.26	4.52	4.52	0.08	0.12	0.02	0.26	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	76	-0	361	0	294	0	904	2.26	2.26	4.52	4.52	0.08	0.28	0.03	0.31	0.00	0.00	29.6
1B	76	-0	1520	0	294	0	-467	2.26	2.26	4.52	4.52	0.08	0.14	0.04	0.46	0.00	0.00	29.6
1I	76	-0	277	0	461	0	607	2.26	2.26	4.52	4.52	0.08	0.19	0.04	0.45	0.00	0.00	29.6
1J	76	-0	1603	0	461	0	-467	2.26	2.26	4.52	4.52	0.08	0.14	0.06	0.62	0.00	0.00	29.6
2	76	-0	1372	0	229	-0	596	2.26	2.26	4.52	4.52	0.08	0.18	0.04	0.38	0.00	0.00	29.6
7	76	-0	1077	0	180	-0	467	2.26	2.26	4.52	4.52	0.08	0.14	0.03	0.30	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	94	-0	361	0	294	0	1191	2.26	2.26	4.52	4.52	0.08	0.37	0.03	0.31	0.00	0.00	29.6
1B	94	-0	1520	0	294	0	-467	2.26	2.26	4.52	4.52	0.08	0.14	0.04	0.46	0.00	0.00	29.6
1I	94	-0	277	0	461	0	909	2.26	2.26	4.52	4.52	0.08	0.28	0.04	0.45	0.00	0.00	29.6
1J	94	-0	1603	0	461	0	-467	2.26	2.26	4.52	4.52	0.08	0.14	0.06	0.62	0.00	0.00	29.6
2	94	-0	1372	0	229	-0	596	2.26	2.26	4.52	4.52	0.08	0.18	0.04	0.38	0.00	0.00	29.6
7	94	-0	1077	0	180	-0	467	2.26	2.26	4.52	4.52	0.08	0.14	0.03	0.30	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	113	-0	361	0	294	0	1186	2.26	2.26	4.52	4.52	0.08	0.37	0.03	0.31	0.00	0.00	29.6
1B	113	-0	1520	0	294	0	-467	2.26	2.26	4.52	4.52	0.08	0.14	0.04	0.46	0.00	0.00	29.6
1I	113	-0	277	0	461	0	955	2.26	2.26	4.52	4.52	0.08	0.29	0.04	0.45	0.00	0.00	29.6
1J	113	-0	1603	0	461	0	-467	2.26	2.26	4.52	4.52	0.08	0.14	0.06	0.62	0.00	0.00	29.6
2	113	-0	1372	0	229	-0	596	2.26	2.26	4.52	4.52	0.08	0.18	0.04	0.38	0.00	0.00	29.6
7	113	-0	1077	0	180	-0	467	2.26	2.26	4.52	4.52	0.08	0.14	0.03	0.30	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

Nome travata: **Travi di fondazione02\_IP1**    Descrizione: **Travi di fondazione 6-7-8-9-10**  
**ASTA NUM. 8**    NI 7    NF 103    SEZ. Rp B= 50.0 H= 40.0 (trave di fondazione)

armatura base = 4 X 1.13      per le armature aggiuntive consultare il tabulato

NC	x	Fx	Fy	Fz	Mx	My	Mz	APOST	AANT	AINF	ASUP	x/d	Indice resistenza			aswta	aswto	PASSO
--													Fx,M	Bielle	V,Mx			
	cm		kg			kg*m				cmq						cmq/m		cm
1A	0	-0	-1563	-0	-242	-0	771	2.26	2.26	4.52	4.52	0.08	0.24	0.04	0.41	0.00	0.00	29.6
1B	0	-0	-403	-0	-242	-0	-202	2.26	2.26	4.52	4.52	0.08	0.06	0.02	0.27	0.00	0.00	29.6
1I	0	-0	-1564	-0	-330	-0	714	2.26	2.26	4.52	4.52	0.08	0.22	0.05	0.49	0.00	0.00	29.6
1J	0	-0	-402	-0	-330	-0	23	2.26	2.26	4.52	4.52	0.08	0.01	0.03	0.35	0.00	0.00	29.6
2	0	-0	-1456	-0	-233	-0	576	2.26	2.26	4.52	4.52	0.08	0.18	0.04	0.39	0.00	0.00	29.6
7	0	-0	-1148	-0	-181	-0	460	2.26	2.26	4.52	4.52	0.08	0.14	0.03	0.31	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	19	-0	-1563	-0	-242	-0	771	2.26	2.26	4.52	4.52	0.08	0.24	0.04	0.41	0.00	0.00	29.6
1B	19	-0	-403	-0	-242	-0	114	2.26	2.26	4.52	4.52	0.08	0.04	0.02	0.27	0.00	0.00	29.6
1I	19	-0	-1564	-0	-330	-0	714	2.26	2.26	4.52	4.52	0.08	0.22	0.05	0.49	0.00	0.00	29.6
1J	19	-0	-402	-0	-330	-0	23	2.26	2.26	4.52	4.52	0.08	0.01	0.03	0.35	0.00	0.00	29.6
2	19	-0	-1456	-0	-233	-0	576	2.26	2.26	4.52	4.52	0.08	0.18	0.04	0.39	0.00	0.00	29.6
7	19	-0	-1148	-0	-181	-0	460	2.26	2.26	4.52	4.52	0.08	0.14	0.03	0.31	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	38	-0	-1563	-0	-242	0	919	2.26	2.26	4.52	4.52	0.08	0.28	0.04	0.41	0.00	0.00	29.6
1B	38	-0	-403	-0	-242	0	-212	2.26	2.26	4.52	4.52	0.08	0.07	0.02	0.27	0.00	0.00	29.6
1I	38	-0	-1564	-0	-330	-0	861	2.26	2.26	4.52	4.52	0.08	0.27	0.05	0.49	0.00	0.00	29.6
1J	38	-0	-402	-0	-330	-0	171	2.26	2.26	4.52	4.52	0.08	0.05	0.03	0.35	0.00	0.00	29.6
2	38	-0	-1456	-0	-233	-0	795	2.26	2.26	4.52	4.52	0.08	0.25	0.04	0.39	0.00	0.00	29.6
7	38	-0	-1148	-0	-181	-0	632	2.26	2.26	4.52	4.52	0.08	0.19	0.03	0.31	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	57	-0	-1252	-0	-242	0	580	2.26	2.26	4.52	4.52	0.08	0.18	0.04	0.38	0.00	0.00	29.6
1B	57	-0	-205	-0	-242	0	-129	2.26	2.26	4.52	4.52	0.08	0.04	0.02	0.25	0.00	0.00	29.6
1I	57	-0	-1184	-0	-330	-0	507	2.26	2.26	4.52	4.52	0.08	0.16	0.04	0.45	0.00	0.00	29.6
1J	57	-0	-273	-0	-330	-0	-114	2.26	2.26	4.52	4.52	0.08	0.04	0.03	0.33	0.00	0.00	29.6
2	57	-0	-1066	-0	-233	-0	487	2.26	2.26	4.52	4.52	0.08	0.15	0.03	0.34	0.00	0.00	29.6
7	57	-0	-834	-0	-181	-0	388	2.26	2.26	4.52	4.52	0.08	0.12	0.03	0.27	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	76	-0	-1252	-0	-242	0	-520	2.26	2.26	4.52	4.52	0.08	0.16	0.04	0.38	0.00	0.00	29.6
1B	76	-0	-205	-0	-242	0	-302	2.26	2.26	4.52	4.52	0.08	0.09	0.02	0.25	0.00	0.00	29.6
1I	76	-0	-1184	-0	-330	0	-520	2.26	2.26	4.52	4.52	0.08	0.16	0.04	0.45	0.00	0.00	29.6
1J	76	-0	-273	-0	-330	0	-356	2.26	2.26	4.52	4.52	0.08	0.11	0.03	0.33	0.00	0.00	29.6
2	76	-0	-1066	-0	-233	0	-414	2.26	2.26	4.52	4.52	0.08	0.13	0.03	0.34	0.00	0.00	29.6
7	76	-0	-834	-0	-181	0	-313	2.26	2.26	4.52	4.52	0.08	0.10	0.03	0.27	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	94	-0	-939	-0	-242	0	-463	2.26	2.26	4.52	4.52	0.08	0.14	0.03	0.34	0.00	0.00	29.6
1B	94	-0	-10	-0	-242	0	-372	2.26	2.26	4.52	4.52	0.08	0.11	0.02	0.22	0.00	0.00	29.6
1I	94	-0	-804	-0	-330	0	-403	2.26	2.26	4.52	4.52	0.08	0.12	0.04	0.40	0.00	0.00	29.6
1J	94	-0	-145	-0	-330	0	-432	2.26	2.26	4.52	4.52	0.08	0.13	0.03	0.32	0.00	0.00	29.6
2	94	-0	-678	-0	-233	0	-414	2.26	2.26	4.52	4.52	0.08	0.13	0.03	0.30	0.00	0.00	29.6
7	94	-0	-521	-0	-181	0	-313	2.26	2.26	4.52	4.52	0.08	0.10	0.02	0.23	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	113	-0	-939	-0	-242	0	-491	2.26	2.26	4.52	4.52	0.08	0.15	0.03	0.34	0.00	0.00	29.6
1B	113	-0	-10	-0	-242	0	-520	2.26	2.26	4.52	4.52	0.08	0.16	0.02	0.22	0.00	0.00	29.6

1I	113	-0	-804	-0	-330	0	-453	2.26	2.26	4.52	4.52	0.08	0.14	0.04	0.40	0.00	0.00	29.6
1J	113	-0	-145	-0	-330	0	-520	2.26	2.26	4.52	4.52	0.08	0.16	0.03	0.32	0.00	0.00	29.6
2	113	-0	-678	-0	-233	0	-414	2.26	2.26	4.52	4.52	0.08	0.13	0.03	0.30	0.00	0.00	29.6
7	113	-0	-521	-0	-181	0	-313	2.26	2.26	4.52	4.52	0.08	0.10	0.02	0.23	0.00	0.00	29.6

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

Nome travata: **Travi di fondazione02\_IP1** Descrizione: **Travi di fondazione 6-7-8-9-10**  
**ASTA NUM. 15**      NI 103      NF 104      SEZ. Rp B= 50.0 H= 40.0 (trave di fondazione)

armatura base = 4 X 1.13            per le armature aggiuntive consultare il tabulato

NC	x	Fx	Fy	Fz	Mx	My	Mz	APOST	AANT	AINF	ASUP	x/d	Indice	resistenza	aswta	aswto	PASSO	
	cm	kg			kg*m			cmq				Fx,M	Bielle	V,Mx	cmq/m	cm		
1A	0	-0	-560	-0	83	0	-347	2.26	2.26	4.52	4.52	0.08	0.11	0.01	0.14	0.00	0.00	29.6
1B	0	-0	-39	-0	83	0	-422	2.26	2.26	4.52	4.52	0.08	0.13	0.01	0.08	0.00	0.00	29.6
1I	0	-0	-507	-0	144	0	-333	2.26	2.26	4.52	4.52	0.08	0.10	0.02	0.19	0.00	0.00	29.6
1J	0	-0	-91	-0	144	0	-436	2.26	2.26	4.52	4.52	0.08	0.13	0.01	0.14	0.00	0.00	29.6
2	0	-0	-470	-0	8	0	-534	2.26	2.26	4.52	4.52	0.08	0.16	0.01	0.07	0.00	0.00	29.6
7	0	-0	-381	-0	6	0	-413	2.26	2.26	4.52	4.52	0.08	0.13	0.01	0.05	0.00	0.00	29.6

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	19	-0	-560	-0	83	0	-362	2.26	2.26	4.52	4.52	0.08	0.11	0.01	0.14	0.00	0.00	29.6
1B	19	-0	-39	-0	83	0	-519	2.26	2.26	4.52	4.52	0.08	0.16	0.01	0.08	0.00	0.00	29.6
1I	19	-0	-507	-0	144	0	-363	2.26	2.26	4.52	4.52	0.08	0.11	0.02	0.19	0.00	0.00	29.6
1J	19	-0	-91	-0	144	0	-518	2.26	2.26	4.52	4.52	0.08	0.16	0.01	0.14	0.00	0.00	29.6
2	19	-0	-470	-0	8	0	-548	2.26	2.26	4.52	4.52	0.08	0.17	0.01	0.07	0.00	0.00	29.6
7	19	-0	-381	-0	6	0	-425	2.26	2.26	4.52	4.52	0.08	0.13	0.01	0.05	0.00	0.00	29.6

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	38	-0	-560	0	83	0	-378	2.26	2.26	4.52	4.52	0.08	0.12	0.01	0.14	0.00	0.00	29.6
1B	38	-0	156	0	83	0	-665	2.26	2.26	4.52	4.52	0.08	0.21	0.01	0.09	0.00	0.00	29.6
1I	38	-0	-507	-0	144	0	-394	2.26	2.26	4.52	4.52	0.08	0.12	0.02	0.19	0.00	0.00	29.6
1J	38	-0	-91	-0	144	0	-601	2.26	2.26	4.52	4.52	0.08	0.19	0.01	0.14	0.00	0.00	29.6
2	38	-0	-470	-0	8	0	-548	2.26	2.26	4.52	4.52	0.08	0.17	0.01	0.07	0.00	0.00	29.6
7	38	-0	-381	-0	6	0	-425	2.26	2.26	4.52	4.52	0.08	0.13	0.01	0.05	0.00	0.00	29.6

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	57	-0	-248	0	83	0	-225	2.26	2.26	4.52	4.52	0.08	0.07	0.01	0.11	0.00	0.00	29.6
1B	57	-0	156	0	83	0	-682	2.26	2.26	4.52	4.52	0.08	0.21	0.01	0.09	0.00	0.00	29.6
1I	57	-0	-153	0	144	0	-245	2.26	2.26	4.52	4.52	0.08	0.08	0.01	0.15	0.00	0.00	29.6
1J	57	-0	61	0	144	0	-607	2.26	2.26	4.52	4.52	0.08	0.19	0.01	0.14	0.00	0.00	29.6
2	57	-0	-85	-0	8	0	-548	2.26	2.26	4.52	4.52	0.08	0.17	0.00	0.02	0.00	0.00	29.6
7	57	-0	-70	-0	6	0	-425	2.26	2.26	4.52	4.52	0.08	0.13	0.00	0.01	0.00	0.00	29.6

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	76	-0	-248	0	83	0	-201	2.26	2.26	4.52	4.52	0.08	0.06	0.01	0.11	0.00	0.00	29.6
1B	76	-0	417	0	83	0	-682	2.26	2.26	4.52	4.52	0.08	0.21	0.01	0.13	0.00	0.00	29.6
1I	76	-0	-153	0	144	0	-245	2.26	2.26	4.52	4.52	0.08	0.08	0.01	0.15	0.00	0.00	29.6
1J	76	-0	437	0	144	0	-682	2.26	2.26	4.52	4.52	0.08	0.21	0.02	0.18	0.00	0.00	29.6
2	76	-0	302	0	8	0	-548	2.26	2.26	4.52	4.52	0.08	0.17	0.00	0.04	0.00	0.00	29.6
7	76	-0	241	0	6	0	-425	2.26	2.26	4.52	4.52	0.08	0.13	0.00	0.04	0.00	0.00	29.6

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	94	-0	-0	0	83	0	-37	2.26	2.26	4.52	4.52	0.08	0.01	0.01	0.08	0.00	0.00	29.6
1B	94	-0	417	0	83	0	-682	2.26	2.26	4.52	4.52	0.08	0.21	0.01	0.13	0.00	0.00	29.6
1I	94	-0	-21	0	144	0	-160	2.26	2.26	4.52	4.52	0.08	0.05	0.01	0.13	0.00	0.00	29.6
1J	94	-0	437	0	144	0	-682	2.26	2.26	4.52	4.52	0.08	0.21	0.02	0.18	0.00	0.00	29.6
2	94	-0	302	0	8	0	-548	2.26	2.26	4.52	4.52	0.08	0.17	0.00	0.04	0.00	0.00	29.6
7	94	-0	241	0	6	0	-425	2.26	2.26	4.52	4.52	0.08	0.13	0.00	0.04	0.00	0.00	29.6

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	113	-0	-0	0	83	0	24	2.26	2.26	4.52	4.52	0.08	0.01	0.01	0.08	0.00	0.00	29.6
1B	113	-0	417	0	83	0	-682	2.26	2.26	4.52	4.52	0.08	0.21	0.01	0.13	0.00	0.00	29.6
1I	113	-0	-21	0	144	0	-131	2.26	2.26	4.52	4.52	0.08	0.04	0.01	0.13	0.00	0.00	29.6
1J	113	-0	437	0	144	0	-682	2.26	2.26	4.52	4.52	0.08	0.21	0.02	0.18	0.00	0.00	29.6
2	113	-0	302	0	8	0	-548	2.26	2.26	4.52	4.52	0.08	0.17	0.00	0.04	0.00	0.00	29.6
7	113	-0	241	0	6	0	-425	2.26	2.26	4.52	4.52	0.08	0.13	0.00	0.04	0.00	0.00	29.6

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

Nome travata: **Travi di fondazione02\_IP1** Descrizione: **Travi di fondazione 6-7-8-9-10**  
**ASTA NUM. 16**      NI 104      NF 6      SEZ. Rp B= 50.0 H= 40.0 (trave di fondazione)

armatura base = 4 X 1.13            per le armature aggiuntive consultare il tabulato

NC	x	Fx	Fy	Fz	Mx	My	Mz	APOST	AANT	AINF	ASUP	x/d	Indice	resistenza	aswta	aswto	PASSO	
	cm	kg			kg*m			cmq					Fx,M	Bielle	V,Mx	cmq/m	cm	
1A	0	-0	-14	0	359	0	-63	2.26	2.26	4.52	4.52	0.08	0.02	0.03	0.33	0.00	0.00	29.6
1B	0	-0	708	0	359	0	-654	2.26	2.26	4.52	4.52	0.08	0.20	0.04	0.41	0.00	0.00	29.6
1I	0	-0	-62	0	565	0	-171	2.26	2.26	4.52	4.52	0.08	0.05	0.04	0.52	0.00	0.00	29.6
1J	0	-0	755	0	565	0	-654	2.26	2.26	4.52	4.52	0.08	0.20	0.05	0.61	0.00	0.00	29.6
2	0	-0	433	0	256	0	-496	2.26	2.26	4.52	4.52	0.08	0.15	0.03	0.29	0.00	0.00	29.6
7	0	-0	318	0	202	0	-382	2.26	2.26	4.52	4.52	0.08	0.12	0.02	0.22	0.00	0.00	29.6

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	19	-0	-14	0	359	0	54	2.26	2.26	4.52	4.52	0.08	0.02	0.03	0.33	0.00	0.00	29.6
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1B	19	-0	708	0	359	0	-654	2.26	2.26	4.52	4.52	0.08	0.20	0.04	0.41	0.00	0.00	29.6
1I	19	-0	-62	0	565	0	-112	2.26	2.26	4.52	4.52	0.08	0.03	0.04	0.52	0.00	0.00	29.6
1J	19	-0	755	0	565	0	-654	2.26	2.26	4.52	4.52	0.08	0.20	0.05	0.61	0.00	0.00	29.6
2	19	-0	433	0	256	0	-496	2.26	2.26	4.52	4.52	0.08	0.15	0.03	0.29	0.00	0.00	29.6
7	19	-0	318	0	202	0	-382	2.26	2.26	4.52	4.52	0.08	0.12	0.02	0.22	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	38	-0	244	0	359	0	255	2.26	2.26	4.52	4.52	0.08	0.08	0.03	0.36	0.00	0.00	29.6
1B	38	-0	971	0	359	0	-654	2.26	2.26	4.52	4.52	0.08	0.20	0.04	0.45	0.00	0.00	29.6
1I	38	-0	75	0	565	0	-59	2.26	2.26	4.52	4.52	0.08	0.02	0.04	0.52	0.00	0.00	29.6
1J	38	-0	1140	0	565	0	-654	2.26	2.26	4.52	4.52	0.08	0.20	0.06	0.65	0.00	0.00	29.6
2	38	-0	827	0	256	0	-496	2.26	2.26	4.52	4.52	0.08	0.15	0.03	0.33	0.00	0.00	29.6
7	38	-0	634	0	202	0	-382	2.26	2.26	4.52	4.52	0.08	0.12	0.02	0.26	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	57	-0	244	0	359	0	422	2.26	2.26	4.52	4.52	0.08	0.13	0.03	0.36	0.00	0.00	29.6
1B	57	-0	971	0	359	0	-654	2.26	2.26	4.52	4.52	0.08	0.20	0.04	0.45	0.00	0.00	29.6
1I	57	-0	75	0	565	0	172	2.26	2.26	4.52	4.52	0.08	0.05	0.04	0.52	0.00	0.00	29.6
1J	57	-0	1140	0	565	0	-654	2.26	2.26	4.52	4.52	0.08	0.20	0.06	0.65	0.00	0.00	29.6
2	57	-0	827	0	256	0	-496	2.26	2.26	4.52	4.52	0.08	0.15	0.03	0.33	0.00	0.00	29.6
7	57	-0	634	0	202	0	-382	2.26	2.26	4.52	4.52	0.08	0.12	0.02	0.26	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	76	-0	504	0	359	0	697	2.26	2.26	4.52	4.52	0.08	0.22	0.03	0.39	0.00	0.00	29.6
1B	76	-0	1241	0	359	0	-654	2.26	2.26	4.52	4.52	0.08	0.20	0.04	0.48	0.00	0.00	29.6
1I	76	-0	212	0	565	0	398	2.26	2.26	4.52	4.52	0.08	0.12	0.04	0.54	0.00	0.00	29.6
1J	76	-0	1533	0	565	0	-654	2.26	2.26	4.52	4.52	0.08	0.20	0.06	0.70	0.00	0.00	29.6
2	76	-0	1226	0	256	0	-496	2.26	2.26	4.52	4.52	0.08	0.15	0.04	0.38	0.00	0.00	29.6
7	76	-0	954	0	202	0	-382	2.26	2.26	4.52	4.52	0.08	0.12	0.03	0.30	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	94	-0	504	0	359	0	927	2.26	2.26	4.52	4.52	0.08	0.29	0.03	0.39	0.00	0.00	29.6
1B	94	-0	1241	0	359	0	-654	2.26	2.26	4.52	4.52	0.08	0.20	0.04	0.48	0.00	0.00	29.6
1I	94	-0	212	0	565	0	686	2.26	2.26	4.52	4.52	0.08	0.21	0.04	0.54	0.00	0.00	29.6
1J	94	-0	1533	0	565	0	-654	2.26	2.26	4.52	4.52	0.08	0.20	0.06	0.70	0.00	0.00	29.6
2	94	-0	1226	0	256	-0	259	2.26	2.26	4.52	4.52	0.08	0.08	0.04	0.38	0.00	0.00	29.6
7	94	-0	954	0	202	-0	195	2.26	2.26	4.52	4.52	0.08	0.06	0.03	0.30	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	113	-0	504	0	359	0	817	2.26	2.26	4.52	4.52	0.08	0.25	0.03	0.39	0.00	0.00	29.6
1B	113	-0	1241	0	359	0	-654	2.26	2.26	4.52	4.52	0.08	0.20	0.04	0.48	0.00	0.00	29.6
1I	113	-0	212	0	565	0	755	2.26	2.26	4.52	4.52	0.08	0.23	0.04	0.54	0.00	0.00	29.6
1J	113	-0	1533	0	565	0	-654	2.26	2.26	4.52	4.52	0.08	0.20	0.06	0.70	0.00	0.00	29.6
2	113	-0	1226	0	256	-0	259	2.26	2.26	4.52	4.52	0.08	0.08	0.04	0.38	0.00	0.00	29.6
7	113	-0	954	0	202	-0	195	2.26	2.26	4.52	4.52	0.08	0.06	0.03	0.30	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

Nome travata: **Travi di fondazione03\_IP1** Descrizione: **Travi di fondazione 1-6**  
**ASTA NUM. 9**    NI 1    NF 76    SEZ. Rp B= 50.0 H= 40.0 (trave di fondazione)

armatura base = 4 X 1.13      per le armature aggiuntive consultare il tabulato

NC	x	Fx	Fy	Fz	Mx	My	Mz	APOST	AANT	AINF	ASUP	x/d	Indice	resistenza	aswta	aswto	PASSO	
	cm	kg			kg*m			cmq					Fx,M	Bielle	V,Mx	cmq/m	cm	
1A	0	-0	-1145	0	-328	0	370	2.26	2.26	4.52	4.52	0.08	0.11	0.04	0.44	0.00	0.00	29.6
1B	0	-0	-131	0	-328	0	-454	2.26	2.26	4.52	4.52	0.08	0.14	0.03	0.31	0.00	0.00	29.6
1I	0	-0	-1212	0	-275	0	735	2.26	2.26	4.52	4.52	0.08	0.23	0.04	0.40	0.00	0.00	29.6
1J	0	-0	-64	0	-275	0	-790	2.26	2.26	4.52	4.52	0.08	0.24	0.02	0.26	0.00	0.00	29.6
2	0	-0	-923	0	-153	0	-398	2.26	2.26	4.52	4.52	0.08	0.12	0.02	0.25	0.00	0.00	29.6
7	0	-0	-726	0	-125	0	-308	2.26	2.26	4.52	4.52	0.08	0.10	0.02	0.20	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	17	-0	-1145	0	-328	0	370	2.26	2.26	4.52	4.52	0.08	0.11	0.04	0.44	0.00	0.00	29.6
1B	17	-0	-131	0	-328	0	-484	2.26	2.26	4.52	4.52	0.08	0.15	0.03	0.31	0.00	0.00	29.6
1I	17	-0	-1212	0	-275	0	735	2.26	2.26	4.52	4.52	0.08	0.23	0.04	0.40	0.00	0.00	29.6
1J	17	-0	-64	0	-275	0	-790	2.26	2.26	4.52	4.52	0.08	0.24	0.02	0.26	0.00	0.00	29.6
2	17	-0	-923	0	-153	0	-552	2.26	2.26	4.52	4.52	0.08	0.17	0.02	0.25	0.00	0.00	29.6
7	17	-0	-726	0	-125	0	-429	2.26	2.26	4.52	4.52	0.08	0.13	0.02	0.20	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	33	-0	-1145	0	-328	0	370	2.26	2.26	4.52	4.52	0.08	0.11	0.04	0.44	0.00	0.00	29.6
1B	33	-0	-131	0	-328	0	-515	2.26	2.26	4.52	4.52	0.08	0.16	0.03	0.31	0.00	0.00	29.6
1I	33	-0	-1212	0	-275	0	735	2.26	2.26	4.52	4.52	0.08	0.23	0.04	0.40	0.00	0.00	29.6
1J	33	-0	248	0	-275	0	-790	2.26	2.26	4.52	4.52	0.08	0.24	0.02	0.28	0.00	0.00	29.6
2	33	-0	-923	0	-153	0	-586	2.26	2.26	4.52	4.52	0.08	0.18	0.02	0.25	0.00	0.00	29.6
7	33	-0	-726	0	-125	0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.02	0.20	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	50	-0	-885	0	-328	0	-444	2.26	2.26	4.52	4.52	0.08	0.14	0.04	0.41	0.00	0.00	29.6
1B	50	-0	77	0	-328	0	-545	2.26	2.26	4.52	4.52	0.08	0.17	0.03	0.31	0.00	0.00	29.6
1I	50	-0	-1055	0	-275	0	619	2.26	2.26	4.52	4.52	0.08	0.19	0.04	0.38	0.00	0.00	29.6
1J	50	-0	248	0	-275	0	-790	2.26	2.26	4.52	4.52	0.08	0.24	0.02	0.28	0.00	0.00	29.6
2	50	-0	-571	0	-153	0	-586	2.26	2.26	4.52	4.52	0.08	0.18	0.02	0.21	0.00	0.00	29.6
7	50	-0	-443	0	-125	0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.02	0.17	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	67	-0	-885	0	-328	0	-526	2.26	2.26	4.52	4.52	0.08	0.16	0.04	0.41	0.00	0.00	29.6
1B	67	-0	276	0	-328	0	-681	2.26	2.26	4.52	4.52	0.08	0.21	0.03	0.33	0.00	0.00	29.6



1I	67	-0	-1055	0	-275	0	463	2.26	2.26	4.52	4.52	0.08	0.14	0.04	0.38	0.00	0.00	29.6
1J	67	-0	531	0	-275	0	-790	2.26	2.26	4.52	4.52	0.08	0.24	0.03	0.32	0.00	0.00	29.6
2	67	-0	-571	0	-153	0	-586	2.26	2.26	4.52	4.52	0.08	0.18	0.02	0.21	0.00	0.00	29.6
7	67	-0	-443	0	-125	0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.02	0.17	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	83	-0	-620	0	-328	0	-447	2.26	2.26	4.52	4.52	0.08	0.14	0.03	0.37	0.00	0.00	29.6
1B	83	-0	276	0	-328	0	-707	2.26	2.26	4.52	4.52	0.08	0.22	0.03	0.33	0.00	0.00	29.6
1I	83	-0	-874	0	-275	0	-464	2.26	2.26	4.52	4.52	0.08	0.14	0.03	0.36	0.00	0.00	29.6
1J	83	-0	531	0	-275	0	-790	2.26	2.26	4.52	4.52	0.08	0.24	0.03	0.32	0.00	0.00	29.6
2	83	-0	-222	0	-153	0	-586	2.26	2.26	4.52	4.52	0.08	0.18	0.01	0.17	0.00	0.00	29.6
7	83	-0	-164	0	-125	0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.01	0.13	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	100	-0	-620	0	-328	0	-478	2.26	2.26	4.52	4.52	0.08	0.15	0.03	0.37	0.00	0.00	29.6
1B	100	-0	276	0	-328	0	-733	2.26	2.26	4.52	4.52	0.08	0.23	0.03	0.33	0.00	0.00	29.6
1I	100	-0	-874	0	-275	0	-588	2.26	2.26	4.52	4.52	0.08	0.18	0.03	0.36	0.00	0.00	29.6
1J	100	-0	531	0	-275	0	-790	2.26	2.26	4.52	4.52	0.08	0.24	0.03	0.32	0.00	0.00	29.6
2	100	-0	-222	0	-153	0	-586	2.26	2.26	4.52	4.52	0.08	0.18	0.01	0.17	0.00	0.00	29.6
7	100	-0	-164	0	-125	0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.01	0.13	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

Nome travata: **Travi di fondazione03\_IP1** Descrizione: **Travi di fondazione 1-6**  
**ASTA NUM. 13**      NI 76      NF 75      SEZ.      Rp B= 50.0      H= 40.0      (trave di fondazione)

armatura base = 4 X 1.13      per le armature aggiuntive consultare il tabulato

NC	x	Fx	Fy	Fz	Mx	My	Mz	APOST	AANT	AINF	ASUP	x/d	Indice	resistenza	aswta	aswto	PASSO	
	cm		kg			kg*m							Fx,M	Bielle	V,Mx	cmq/m	cm	
1A	0	-0	-440	0	27	0	-431	2.26	2.26	4.52	4.52	0.08	0.13	0.01	0.08	0.00	0.00	29.6
1B	0	-0	-17	0	27	0	-621	2.26	2.26	4.52	4.52	0.08	0.19	0.00	0.03	0.00	0.00	29.6
1I	0	-0	-671	0	76	0	-463	2.26	2.26	4.52	4.52	0.08	0.14	0.02	0.15	0.00	0.00	29.6
1J	0	-0	214	0	76	0	-677	2.26	2.26	4.52	4.52	0.08	0.21	0.01	0.10	0.00	0.00	29.6
2	0	-0	-344	0	0	0	-712	2.26	2.26	4.52	4.52	0.08	0.22	0.01	0.04	0.00	0.00	29.6
7	0	-0	-276	0	0	0	-549	2.26	2.26	4.52	4.52	0.08	0.17	0.00	0.03	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	17	-0	-440	0	27	0	-483	2.26	2.26	4.52	4.52	0.08	0.15	0.01	0.08	0.00	0.00	29.6
1B	17	-0	-17	0	27	0	-644	2.26	2.26	4.52	4.52	0.08	0.20	0.00	0.03	0.00	0.00	29.6
1I	17	-0	-671	0	76	0	-569	2.26	2.26	4.52	4.52	0.08	0.18	0.02	0.15	0.00	0.00	29.6
1J	17	-0	214	0	76	0	-677	2.26	2.26	4.52	4.52	0.08	0.21	0.01	0.10	0.00	0.00	29.6
2	17	-0	-344	0	0	0	-712	2.26	2.26	4.52	4.52	0.08	0.22	0.01	0.04	0.00	0.00	29.6
7	17	-0	-276	0	0	0	-549	2.26	2.26	4.52	4.52	0.08	0.17	0.00	0.03	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	33	-0	-440	0	27	0	-536	2.26	2.26	4.52	4.52	0.08	0.17	0.01	0.08	0.00	0.00	29.6
1B	33	-0	179	0	27	0	-677	2.26	2.26	4.52	4.52	0.08	0.21	0.00	0.05	0.00	0.00	29.6
1I	33	-0	-671	0	76	0	-675	2.26	2.26	4.52	4.52	0.08	0.21	0.02	0.15	0.00	0.00	29.6
1J	33	-0	445	0	76	0	-677	2.26	2.26	4.52	4.52	0.08	0.21	0.01	0.12	0.00	0.00	29.6
2	33	-0	-344	0	0	0	-712	2.26	2.26	4.52	4.52	0.08	0.22	0.01	0.04	0.00	0.00	29.6
7	33	-0	-276	0	0	0	-549	2.26	2.26	4.52	4.52	0.08	0.17	0.00	0.03	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	50	-0	-179	0	27	0	-427	2.26	2.26	4.52	4.52	0.08	0.13	0.00	0.05	0.00	0.00	29.6
1B	50	-0	179	0	27	0	-677	2.26	2.26	4.52	4.52	0.08	0.21	0.00	0.05	0.00	0.00	29.6
1I	50	-0	-445	0	76	0	-677	2.26	2.26	4.52	4.52	0.08	0.21	0.01	0.12	0.00	0.00	29.6
1J	50	-0	445	0	76	0	-677	2.26	2.26	4.52	4.52	0.08	0.21	0.01	0.12	0.00	0.00	29.6
2	50	-0	-0	0	0	0	-712	2.26	2.26	4.52	4.52	0.08	0.22	0.00	0.00	0.00	0.00	29.6
7	50	-0	-0	0	0	0	-549	2.26	2.26	4.52	4.52	0.08	0.17	0.00	0.00	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	67	-0	-179	0	27	0	-427	2.26	2.26	4.52	4.52	0.08	0.13	0.00	0.05	0.00	0.00	29.6
1B	67	-0	440	0	27	0	-677	2.26	2.26	4.52	4.52	0.08	0.21	0.01	0.08	0.00	0.00	29.6
1I	67	-0	-445	0	76	0	-677	2.26	2.26	4.52	4.52	0.08	0.21	0.01	0.12	0.00	0.00	29.6
1J	67	-0	671	0	76	0	-677	2.26	2.26	4.52	4.52	0.08	0.21	0.02	0.15	0.00	0.00	29.6
2	67	-0	344	0	0	0	-712	2.26	2.26	4.52	4.52	0.08	0.22	0.01	0.04	0.00	0.00	29.6
7	67	-0	276	0	0	0	-549	2.26	2.26	4.52	4.52	0.08	0.17	0.00	0.03	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	83	-0	17	0	27	0	-307	2.26	2.26	4.52	4.52	0.08	0.09	0.00	0.03	0.00	0.00	29.6
1B	83	-0	440	0	27	0	-677	2.26	2.26	4.52	4.52	0.08	0.21	0.01	0.08	0.00	0.00	29.6
1I	83	-0	-214	0	76	0	-379	2.26	2.26	4.52	4.52	0.08	0.12	0.01	0.10	0.00	0.00	29.6
1J	83	-0	671	0	76	0	-677	2.26	2.26	4.52	4.52	0.08	0.21	0.02	0.15	0.00	0.00	29.6
2	83	-0	344	0	0	0	-712	2.26	2.26	4.52	4.52	0.08	0.22	0.01	0.04	0.00	0.00	29.6
7	83	-0	276	0	0	0	-549	2.26	2.26	4.52	4.52	0.08	0.17	0.00	0.03	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	100	-0	17	0	27	0	-254	2.26	2.26	4.52	4.52	0.08	0.08	0.00	0.03	0.00	0.00	29.6
1B	100	-0	440	0	27	0	-677	2.26	2.26	4.52	4.52	0.08	0.21	0.01	0.08	0.00	0.00	29.6
1I	100	-0	-214	0	76	0	-273	2.26	2.26	4.52	4.52	0.08	0.08	0.01	0.10	0.00	0.00	29.6
1J	100	-0	671	0	76	0	-677	2.26	2.26	4.52	4.52	0.08	0.21	0.02	0.15	0.00	0.00	29.6
2	100	-0	344	0	0	0	-712	2.26	2.26	4.52	4.52	0.08	0.22	0.01	0.04	0.00	0.00	29.6
7	100	-0	276	0	0	0	-549	2.26	2.26	4.52	4.52	0.08	0.17	0.00	0.03	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

Nome travata: **Travi di fondazione03\_IP1** Descrizione: **Travi di fondazione 1-6**  
**ASTA NUM. 14**      NI 75      NF 10      SEZ.      Rp B= 50.0      H= 40.0      (trave di fondazione)

armatura base = 4 X 1.13 per le armature aggiuntive consultare il tabulato

NC	x	Fx	Fy	Fz	Mx	My	Mz	APOST	AANT	AINF	ASUP	x/d	Indice	resistenza	aswta	aswto	PASSO	
	cm	kg			kg*m			cmq					Fx,M	Bielle	V,Mx	cmq/m	cm	
1A	0	-0	-276	0	328	0	-335	2.26	2.26	4.52	4.52	0.08	0.10	0.03	0.33	0.00	0.00	29.6
1B	0	-0	620	0	328	0	-790	2.26	2.26	4.52	4.52	0.08	0.24	0.03	0.37	0.00	0.00	29.6
1I	0	-0	-531	0	275	0	-445	2.26	2.26	4.52	4.52	0.08	0.14	0.03	0.32	0.00	0.00	29.6
1J	0	-0	874	0	275	0	-790	2.26	2.26	4.52	4.52	0.08	0.24	0.03	0.36	0.00	0.00	29.6
2	0	-0	222	0	153	0	-586	2.26	2.26	4.52	4.52	0.08	0.18	0.01	0.17	0.00	0.00	29.6
7	0	-0	164	0	125	0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.01	0.13	0.00	0.00	29.6
apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6														
1A	17	-0	-276	0	328	0	-304	2.26	2.26	4.52	4.52	0.08	0.09	0.03	0.33	0.00	0.00	29.6
1B	17	-0	620	0	328	0	-790	2.26	2.26	4.52	4.52	0.08	0.24	0.03	0.37	0.00	0.00	29.6
1I	17	-0	-531	0	275	0	-321	2.26	2.26	4.52	4.52	0.08	0.10	0.03	0.32	0.00	0.00	29.6
1J	17	-0	874	0	275	0	-790	2.26	2.26	4.52	4.52	0.08	0.24	0.03	0.36	0.00	0.00	29.6
2	17	-0	222	0	153	0	-586	2.26	2.26	4.52	4.52	0.08	0.18	0.01	0.17	0.00	0.00	29.6
7	17	-0	164	0	125	0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.01	0.13	0.00	0.00	29.6
apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6														
1A	33	-0	-276	0	328	0	-273	2.26	2.26	4.52	4.52	0.08	0.08	0.03	0.33	0.00	0.00	29.6
1B	33	-0	885	0	328	0	-790	2.26	2.26	4.52	4.52	0.08	0.24	0.04	0.41	0.00	0.00	29.6
1I	33	-0	-531	0	275	0	245	2.26	2.26	4.52	4.52	0.08	0.08	0.03	0.32	0.00	0.00	29.6
1J	33	-0	1055	0	275	0	-790	2.26	2.26	4.52	4.52	0.08	0.24	0.04	0.38	0.00	0.00	29.6
2	33	-0	571	0	153	0	-586	2.26	2.26	4.52	4.52	0.08	0.18	0.02	0.21	0.00	0.00	29.6
7	33	-0	443	0	125	0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.02	0.17	0.00	0.00	29.6
apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6														
1A	50	-0	-77	0	328	0	-108	2.26	2.26	4.52	4.52	0.08	0.03	0.03	0.31	0.00	0.00	29.6
1B	50	-0	885	0	328	0	-790	2.26	2.26	4.52	4.52	0.08	0.24	0.04	0.41	0.00	0.00	29.6
1I	50	-0	-248	0	275	0	283	2.26	2.26	4.52	4.52	0.08	0.09	0.02	0.28	0.00	0.00	29.6
1J	50	-0	1055	0	275	0	-790	2.26	2.26	4.52	4.52	0.08	0.24	0.04	0.38	0.00	0.00	29.6
2	50	-0	571	0	153	0	-586	2.26	2.26	4.52	4.52	0.08	0.18	0.02	0.21	0.00	0.00	29.6
7	50	-0	443	0	125	0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.02	0.17	0.00	0.00	29.6
apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6														
1A	67	-0	131	0	328	0	61	2.26	2.26	4.52	4.52	0.08	0.02	0.03	0.31	0.00	0.00	29.6
1B	67	-0	1145	0	328	0	-790	2.26	2.26	4.52	4.52	0.08	0.24	0.04	0.44	0.00	0.00	29.6
1I	67	-0	-248	0	275	0	440	2.26	2.26	4.52	4.52	0.08	0.14	0.02	0.28	0.00	0.00	29.6
1J	67	-0	1212	0	275	0	-790	2.26	2.26	4.52	4.52	0.08	0.24	0.04	0.40	0.00	0.00	29.6
2	67	-0	923	0	153	0	-586	2.26	2.26	4.52	4.52	0.08	0.18	0.02	0.25	0.00	0.00	29.6
7	67	-0	726	0	125	0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.02	0.20	0.00	0.00	29.6
apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6														
1A	83	-0	131	0	328	0	243	2.26	2.26	4.52	4.52	0.08	0.07	0.03	0.31	0.00	0.00	29.6
1B	83	-0	1145	0	328	0	-790	2.26	2.26	4.52	4.52	0.08	0.24	0.04	0.44	0.00	0.00	29.6
1I	83	-0	64	0	275	0	562	2.26	2.26	4.52	4.52	0.08	0.17	0.02	0.26	0.00	0.00	29.6
1J	83	-0	1212	0	275	0	-790	2.26	2.26	4.52	4.52	0.08	0.24	0.04	0.40	0.00	0.00	29.6
2	83	-0	923	0	153	0	-552	2.26	2.26	4.52	4.52	0.08	0.17	0.02	0.25	0.00	0.00	29.6
7	83	-0	726	0	125	0	-429	2.26	2.26	4.52	4.52	0.08	0.13	0.02	0.20	0.00	0.00	29.6
apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6														
1A	100	-0	131	0	328	0	370	2.26	2.26	4.52	4.52	0.08	0.11	0.03	0.31	0.00	0.00	29.6
1B	100	-0	1145	0	328	0	-790	2.26	2.26	4.52	4.52	0.08	0.24	0.04	0.44	0.00	0.00	29.6
1I	100	-0	64	0	275	0	735	2.26	2.26	4.52	4.52	0.08	0.23	0.02	0.26	0.00	0.00	29.6
1J	100	-0	1212	0	275	0	-790	2.26	2.26	4.52	4.52	0.08	0.24	0.04	0.40	0.00	0.00	29.6
2	100	-0	923	0	153	0	-398	2.26	2.26	4.52	4.52	0.08	0.12	0.02	0.25	0.00	0.00	29.6
7	100	-0	726	0	125	0	-308	2.26	2.26	4.52	4.52	0.08	0.10	0.02	0.20	0.00	0.00	29.6
apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6														

Nome travata: **Travi di fondazione04\_IP1** Descrizione: **Travi di fondazione 5-10**  
**ASTA NUM. 10** NI 5 NF 106 SEZ. Rp B= 50.0 H= 40.0 (trave di fondazione)

armatura base = 4 X 1.13 per le armature aggiuntive consultare il tabulato

NC	x	Fx	Fy	Fz	Mx	My	Mz	APOST	AANT	AINF	ASUP	x/d	Indice	resistenza	aswta	aswto	PASSO	
	cm	kg			kg*m			cmq					Fx,M	Bielle	V,Mx	cmq/m	cm	
1A	0	-0	-1145	0	328	0	370	2.26	2.26	4.52	4.52	0.08	0.11	0.04	0.44	0.00	0.00	29.6
1B	0	-0	-131	0	328	0	-454	2.26	2.26	4.52	4.52	0.08	0.14	0.03	0.31	0.00	0.00	29.6
1I	0	-0	-1212	0	275	0	735	2.26	2.26	4.52	4.52	0.08	0.23	0.04	0.40	0.00	0.00	29.6
1J	0	-0	-64	0	275	0	-790	2.26	2.26	4.52	4.52	0.08	0.24	0.02	0.26	0.00	0.00	29.6
2	0	-0	-923	0	153	-0	-398	2.26	2.26	4.52	4.52	0.08	0.12	0.02	0.25	0.00	0.00	29.6
7	0	-0	-726	0	125	-0	-308	2.26	2.26	4.52	4.52	0.08	0.10	0.02	0.20	0.00	0.00	29.6
apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6														
1A	17	-0	-1145	0	328	0	370	2.26	2.26	4.52	4.52	0.08	0.11	0.04	0.44	0.00	0.00	29.6
1B	17	-0	-131	0	328	0	-484	2.26	2.26	4.52	4.52	0.08	0.15	0.03	0.31	0.00	0.00	29.6
1I	17	-0	-1212	0	275	0	735	2.26	2.26	4.52	4.52	0.08	0.23	0.04	0.40	0.00	0.00	29.6
1J	17	-0	-64	0	275	0	-790	2.26	2.26	4.52	4.52	0.08	0.24	0.02	0.26	0.00	0.00	29.6
2	17	-0	-923	0	153	-0	-552	2.26	2.26	4.52	4.52	0.08	0.17	0.02	0.25	0.00	0.00	29.6
7	17	-0	-726	0	125	-0	-429	2.26	2.26	4.52	4.52	0.08	0.13	0.02	0.20	0.00	0.00	29.6
apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6														
1A	33	-0	-1145	0	328	0	370	2.26	2.26	4.52	4.52	0.08	0.11	0.04	0.44	0.00	0.00	29.6
1B	33	-0	-131	0	328	0	-515	2.26	2.26	4.52	4.52	0.08	0.16	0.03	0.31	0.00	0.00	29.6

1I	33	-0	-1212	0	275	0	735	2.26	2.26	4.52	4.52	0.08	0.23	0.04	0.40	0.00	0.00	29.6
1J	33	-0	248	0	275	0	-790	2.26	2.26	4.52	4.52	0.08	0.24	0.02	0.28	0.00	0.00	29.6
2	33	-0	-923	0	153	-0	-586	2.26	2.26	4.52	4.52	0.08	0.18	0.02	0.25	0.00	0.00	29.6
7	33	-0	-726	0	125	-0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.02	0.20	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	50	-0	-885	0	328	-0	-444	2.26	2.26	4.52	4.52	0.08	0.14	0.04	0.41	0.00	0.00	29.6
1B	50	-0	77	0	328	-0	-545	2.26	2.26	4.52	4.52	0.08	0.17	0.03	0.31	0.00	0.00	29.6
1I	50	-0	-1055	0	275	0	619	2.26	2.26	4.52	4.52	0.08	0.19	0.04	0.38	0.00	0.00	29.6
1J	50	-0	248	0	275	0	-790	2.26	2.26	4.52	4.52	0.08	0.24	0.02	0.28	0.00	0.00	29.6
2	50	-0	-571	0	153	-0	-586	2.26	2.26	4.52	4.52	0.08	0.18	0.02	0.21	0.00	0.00	29.6
7	50	-0	-443	0	125	-0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.02	0.17	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	67	-0	-885	0	328	-0	-526	2.26	2.26	4.52	4.52	0.08	0.16	0.04	0.41	0.00	0.00	29.6
1B	67	-0	276	0	328	-0	-681	2.26	2.26	4.52	4.52	0.08	0.21	0.03	0.33	0.00	0.00	29.6
1I	67	-0	-1055	0	275	0	463	2.26	2.26	4.52	4.52	0.08	0.14	0.04	0.38	0.00	0.00	29.6
1J	67	-0	531	0	275	0	-790	2.26	2.26	4.52	4.52	0.08	0.24	0.03	0.32	0.00	0.00	29.6
2	67	-0	-571	0	153	-0	-586	2.26	2.26	4.52	4.52	0.08	0.18	0.02	0.21	0.00	0.00	29.6
7	67	-0	-443	0	125	-0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.02	0.17	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	83	-0	-620	0	328	-0	-447	2.26	2.26	4.52	4.52	0.08	0.14	0.03	0.37	0.00	0.00	29.6
1B	83	-0	276	0	328	-0	-707	2.26	2.26	4.52	4.52	0.08	0.22	0.03	0.33	0.00	0.00	29.6
1I	83	-0	-874	0	275	-0	-464	2.26	2.26	4.52	4.52	0.08	0.14	0.03	0.36	0.00	0.00	29.6
1J	83	-0	531	0	275	-0	-790	2.26	2.26	4.52	4.52	0.08	0.24	0.03	0.32	0.00	0.00	29.6
2	83	-0	-222	0	153	-0	-586	2.26	2.26	4.52	4.52	0.08	0.18	0.01	0.17	0.00	0.00	29.6
7	83	-0	-164	0	125	-0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.01	0.13	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	100	-0	-620	0	328	-0	-478	2.26	2.26	4.52	4.52	0.08	0.15	0.03	0.37	0.00	0.00	29.6
1B	100	-0	276	0	328	-0	-733	2.26	2.26	4.52	4.52	0.08	0.23	0.03	0.33	0.00	0.00	29.6
1I	100	-0	-874	0	275	-0	-588	2.26	2.26	4.52	4.52	0.08	0.18	0.03	0.36	0.00	0.00	29.6
1J	100	-0	531	0	275	-0	-790	2.26	2.26	4.52	4.52	0.08	0.24	0.03	0.32	0.00	0.00	29.6
2	100	-0	-222	0	153	-0	-586	2.26	2.26	4.52	4.52	0.08	0.18	0.01	0.17	0.00	0.00	29.6
7	100	-0	-164	0	125	-0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.01	0.13	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

Nome travata: **Travi di fondazione04\_IP1** Descrizione: **Travi di fondazione 5-10**  
**ASTA NUM. 11**      NI 106      NF 105      SEZ. Rp B= 50.0 H= 40.0 (trave di fondazione)

armatura base = 4 X 1.13      per le armature aggiuntive consultare il tabulato

NC	x	Fx	Fy	Fz	Mx	My	Mz	APOST	AANT	AINF	ASUP	x/d	Indice resistenza			aswta	aswto	PASSO
	--																	
	cm		kg			kg*m					cmq		Fx,M	Bielle	V,Mx	cmq/m		cm
1A	0	-0	-440	0	-27	-0	-431	2.26	2.26	4.52	4.52	0.08	0.13	0.01	0.08	0.00	0.00	29.6
1B	0	-0	-17	0	-27	-0	-621	2.26	2.26	4.52	4.52	0.08	0.19	0.00	0.03	0.00	0.00	29.6
1I	0	-0	-671	0	-76	-0	-463	2.26	2.26	4.52	4.52	0.08	0.14	0.02	0.15	0.00	0.00	29.6
1J	0	-0	214	0	-76	-0	-677	2.26	2.26	4.52	4.52	0.08	0.21	0.01	0.10	0.00	0.00	29.6
2	0	-0	-344	0	-0	-0	-712	2.26	2.26	4.52	4.52	0.08	0.22	0.01	0.04	0.00	0.00	29.6
7	0	-0	-276	0	-0	-0	-549	2.26	2.26	4.52	4.52	0.08	0.17	0.00	0.03	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	17	-0	-440	0	-27	-0	-483	2.26	2.26	4.52	4.52	0.08	0.15	0.01	0.08	0.00	0.00	29.6
1B	17	-0	-17	0	-27	-0	-644	2.26	2.26	4.52	4.52	0.08	0.20	0.00	0.03	0.00	0.00	29.6
1I	17	-0	-671	0	-76	-0	-569	2.26	2.26	4.52	4.52	0.08	0.18	0.02	0.15	0.00	0.00	29.6
1J	17	-0	214	0	-76	-0	-677	2.26	2.26	4.52	4.52	0.08	0.21	0.01	0.10	0.00	0.00	29.6
2	17	-0	-344	0	-0	-0	-712	2.26	2.26	4.52	4.52	0.08	0.22	0.01	0.04	0.00	0.00	29.6
7	17	-0	-276	0	-0	-0	-549	2.26	2.26	4.52	4.52	0.08	0.17	0.00	0.03	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	33	-0	-440	0	-27	-0	-536	2.26	2.26	4.52	4.52	0.08	0.17	0.01	0.08	0.00	0.00	29.6
1B	33	-0	179	0	-27	-0	-677	2.26	2.26	4.52	4.52	0.08	0.21	0.00	0.05	0.00	0.00	29.6
1I	33	-0	-671	0	-76	-0	-675	2.26	2.26	4.52	4.52	0.08	0.21	0.02	0.15	0.00	0.00	29.6
1J	33	-0	445	0	-76	-0	-677	2.26	2.26	4.52	4.52	0.08	0.21	0.01	0.12	0.00	0.00	29.6
2	33	-0	-344	0	-0	-0	-712	2.26	2.26	4.52	4.52	0.08	0.22	0.01	0.04	0.00	0.00	29.6
7	33	-0	-276	0	-0	-0	-549	2.26	2.26	4.52	4.52	0.08	0.17	0.00	0.03	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	50	-0	-179	0	-27	-0	-427	2.26	2.26	4.52	4.52	0.08	0.13	0.00	0.05	0.00	0.00	29.6
1B	50	-0	179	0	-27	-0	-677	2.26	2.26	4.52	4.52	0.08	0.21	0.00	0.05	0.00	0.00	29.6
1I	50	-0	-445	0	-76	-0	-677	2.26	2.26	4.52	4.52	0.08	0.21	0.01	0.12	0.00	0.00	29.6
1J	50	-0	445	0	-76	-0	-677	2.26	2.26	4.52	4.52	0.08	0.21	0.01	0.12	0.00	0.00	29.6
2	50	-0	-0	0	-0	-0	-712	2.26	2.26	4.52	4.52	0.08	0.22	0.00	0.00	0.00	0.00	29.6
7	50	-0	-0	0	-0	-0	-549	2.26	2.26	4.52	4.52	0.08	0.17	0.00	0.00	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	67	-0	-179	0	-27	-0	-427	2.26	2.26	4.52	4.52	0.08	0.13	0.00	0.05	0.00	0.00	29.6
1B	67	-0	440	0	-27	-0	-677	2.26	2.26	4.52	4.52	0.08	0.21	0.01	0.08	0.00	0.00	29.6
1I	67	-0	-445	0	-76	-0	-677	2.26	2.26	4.52	4.52	0.08	0.21	0.01	0.12	0.00	0.00	29.6
1J	67	-0	671	0	-76	-0	-677	2.26	2.26	4.52	4.52	0.08	0.21	0.02	0.15	0.00	0.00	29.6
2	67	-0	344	-0	-0	-0	-712	2.26	2.26	4.52	4.52	0.08	0.22	0.01	0.04	0.00	0.00	29.6
7	67	-0	276	-0	-0	-0	-549	2.26	2.26	4.52	4.52	0.08	0.17	0.00	0.03	0.00	0.00	29.6

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	83	-0	17	-0	-27	-0	-307	2.26	2.26	4.52	4.52	0.08	0.09	0.00	0.03	0.00	0.00	29.6
1B	83	-0	440	-0	-27	-0	-677	2.26	2.26	4.52	4.52	0.08	0.21	0.01	0.08	0.00	0.00	29.6
1I	83	-0	-214	0	-76	-0	-379	2.26	2.26	4.52	4.52	0.08	0.12	0.01	0.10	0.00	0.00	29.6

1J	83	-0	671	0	-76	-0	-677	2.26	2.26	4.52	4.52	0.08	0.21	0.02	0.15	0.00	0.00	29.6
2	83	-0	344	-0	-0	-0	-712	2.26	2.26	4.52	4.52	0.08	0.22	0.01	0.04	0.00	0.00	29.6
7	83	-0	276	-0	-0	-0	-549	2.26	2.26	4.52	4.52	0.08	0.17	0.00	0.03	0.00	0.00	29.6

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	100	-0	17	-0	-27	-0	-254	2.26	2.26	4.52	4.52	0.08	0.08	0.00	0.03	0.00	0.00	29.6
1B	100	-0	440	-0	-27	-0	-677	2.26	2.26	4.52	4.52	0.08	0.21	0.01	0.08	0.00	0.00	29.6
1I	100	-0	-214	0	-76	-0	-273	2.26	2.26	4.52	4.52	0.08	0.08	0.01	0.10	0.00	0.00	29.6
1J	100	-0	671	0	-76	-0	-677	2.26	2.26	4.52	4.52	0.08	0.21	0.02	0.15	0.00	0.00	29.6
2	100	-0	344	-0	-0	-0	-712	2.26	2.26	4.52	4.52	0.08	0.22	0.01	0.04	0.00	0.00	29.6
7	100	-0	276	-0	-0	-0	-549	2.26	2.26	4.52	4.52	0.08	0.17	0.00	0.03	0.00	0.00	29.6

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

Nome travata: **Travi di fondazione04\_IP1**    Descrizione: **Travi di fondazione 5-10**  
**ASTA NUM. 12**            NI 105    NF 6    SEZ.    Rp B= 50.0 H= 40.0 (trave di fondazione)

armatura base = 4 X 1.13            per le armature aggiuntive consultare il tabulato

NC	x	Fx	Fy	Fz	Mx	My	Mz	APOST	AANT	AINF	ASUP	x/d	Indice	resistenza	aswta	aswto	PASSO	
	cm		kg			kg*m			cmq				Fx,M	Bielle	V,Mx	cmq/m	cm	
1A	0	-0	-276	0	-328	-0	-335	2.26	2.26	4.52	4.52	0.08	0.10	0.03	0.33	0.00	0.00	29.6
1B	0	-0	620	0	-328	-0	-790	2.26	2.26	4.52	4.52	0.08	0.24	0.03	0.37	0.00	0.00	29.6
1I	0	-0	-531	0	-275	-0	-445	2.26	2.26	4.52	4.52	0.08	0.14	0.03	0.32	0.00	0.00	29.6
1J	0	-0	874	0	-275	-0	-790	2.26	2.26	4.52	4.52	0.08	0.24	0.03	0.36	0.00	0.00	29.6
2	0	-0	222	-0	-153	-0	-586	2.26	2.26	4.52	4.52	0.08	0.18	0.01	0.17	0.00	0.00	29.6
7	0	-0	164	-0	-125	-0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.01	0.13	0.00	0.00	29.6

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	17	-0	-276	0	-328	-0	-304	2.26	2.26	4.52	4.52	0.08	0.09	0.03	0.33	0.00	0.00	29.6
1B	17	-0	620	0	-328	-0	-790	2.26	2.26	4.52	4.52	0.08	0.24	0.03	0.37	0.00	0.00	29.6
1I	17	-0	-531	0	-275	-0	-321	2.26	2.26	4.52	4.52	0.08	0.10	0.03	0.32	0.00	0.00	29.6
1J	17	-0	874	0	-275	-0	-790	2.26	2.26	4.52	4.52	0.08	0.24	0.03	0.36	0.00	0.00	29.6
2	17	-0	222	-0	-153	-0	-586	2.26	2.26	4.52	4.52	0.08	0.18	0.01	0.17	0.00	0.00	29.6
7	17	-0	164	-0	-125	-0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.01	0.13	0.00	0.00	29.6

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	33	-0	-276	0	-328	-0	-273	2.26	2.26	4.52	4.52	0.08	0.08	0.03	0.33	0.00	0.00	29.6
1B	33	-0	885	0	-328	-0	-790	2.26	2.26	4.52	4.52	0.08	0.24	0.04	0.41	0.00	0.00	29.6
1I	33	-0	-531	0	-275	0	245	2.26	2.26	4.52	4.52	0.08	0.08	0.03	0.32	0.00	0.00	29.6
1J	33	-0	1055	0	-275	0	-790	2.26	2.26	4.52	4.52	0.08	0.24	0.04	0.38	0.00	0.00	29.6
2	33	-0	571	-0	-153	-0	-586	2.26	2.26	4.52	4.52	0.08	0.18	0.02	0.21	0.00	0.00	29.6
7	33	-0	443	-0	-125	-0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.02	0.17	0.00	0.00	29.6

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	50	-0	-77	0	-328	-0	-108	2.26	2.26	4.52	4.52	0.08	0.03	0.03	0.31	0.00	0.00	29.6
1B	50	-0	885	0	-328	-0	-790	2.26	2.26	4.52	4.52	0.08	0.24	0.04	0.41	0.00	0.00	29.6
1I	50	-0	-248	0	-275	0	283	2.26	2.26	4.52	4.52	0.08	0.09	0.02	0.28	0.00	0.00	29.6
1J	50	-0	1055	0	-275	0	-790	2.26	2.26	4.52	4.52	0.08	0.24	0.04	0.38	0.00	0.00	29.6
2	50	-0	571	-0	-153	-0	-586	2.26	2.26	4.52	4.52	0.08	0.18	0.02	0.21	0.00	0.00	29.6
7	50	-0	443	-0	-125	-0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.02	0.17	0.00	0.00	29.6

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	67	-0	131	-0	-328	0	61	2.26	2.26	4.52	4.52	0.08	0.02	0.03	0.31	0.00	0.00	29.6
1B	67	-0	1145	-0	-328	0	-790	2.26	2.26	4.52	4.52	0.08	0.24	0.04	0.44	0.00	0.00	29.6
1I	67	-0	-248	0	-275	0	440	2.26	2.26	4.52	4.52	0.08	0.14	0.02	0.28	0.00	0.00	29.6
1J	67	-0	1212	0	-275	0	-790	2.26	2.26	4.52	4.52	0.08	0.24	0.04	0.40	0.00	0.00	29.6
2	67	-0	923	-0	-153	-0	-586	2.26	2.26	4.52	4.52	0.08	0.18	0.02	0.25	0.00	0.00	29.6
7	67	-0	726	-0	-125	-0	-450	2.26	2.26	4.52	4.52	0.08	0.14	0.02	0.20	0.00	0.00	29.6

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	83	-0	131	-0	-328	0	243	2.26	2.26	4.52	4.52	0.08	0.07	0.03	0.31	0.00	0.00	29.6
1B	83	-0	1145	-0	-328	0	-790	2.26	2.26	4.52	4.52	0.08	0.24	0.04	0.44	0.00	0.00	29.6
1I	83	-0	64	-0	-275	0	562	2.26	2.26	4.52	4.52	0.08	0.17	0.02	0.26	0.00	0.00	29.6
1J	83	-0	1212	-0	-275	0	-790	2.26	2.26	4.52	4.52	0.08	0.24	0.04	0.40	0.00	0.00	29.6
2	83	-0	923	-0	-153	-0	-552	2.26	2.26	4.52	4.52	0.08	0.17	0.02	0.25	0.00	0.00	29.6
7	83	-0	726	-0	-125	-0	-429	2.26	2.26	4.52	4.52	0.08	0.13	0.02	0.20	0.00	0.00	29.6

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

1A	100	-0	131	-0	-328	0	370	2.26	2.26	4.52	4.52	0.08	0.11	0.03	0.31	0.00	0.00	29.6
1B	100	-0	1145	-0	-328	0	-790	2.26	2.26	4.52	4.52	0.08	0.24	0.04	0.44	0.00	0.00	29.6
1I	100	-0	64	-0	-275	0	735	2.26	2.26	4.52	4.52	0.08	0.23	0.02	0.26	0.00	0.00	29.6
1J	100	-0	1212	-0	-275	0	-790	2.26	2.26	4.52	4.52	0.08	0.24	0.04	0.40	0.00	0.00	29.6
2	100	-0	923	-0	-153	-0	-398	2.26	2.26	4.52	4.52	0.08	0.12	0.02	0.25	0.00	0.00	29.6
7	100	-0	726	-0	-125	-0	-308	2.26	2.26	4.52	4.52	0.08	0.10	0.02	0.20	0.00	0.00	29.6

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13) staffe= 2 d 8 / 29.6

L E G E N D A

Prima asta	Ultima asta	Nome disegno	Descrizione disegno
1	24	Travi di fondazione01_IP1.ARM	Travi di fondazione 1-2-3-4-5
5	16	Travi di fondazione02_IP1.ARM	Travi di fondazione 6-7-8-9-10
9	14	Travi di fondazione03_IP1.ARM	Travi di fondazione 1-6
10	12	Travi di fondazione04_IP1.ARM	Travi di fondazione 5-10

Lavoro:	Strutturale	Intestazione lavoro:	Strutturale SLV
Elemento:	TRAVE DI FONDAZIONE	Gruppo:	1      Tabella: Tabella fondazioni
Descrizione:	Travi di fondazione		
Spunt. I	30.0 cm	Spunt. J	30.0 cm
Rck:	350.00 kg/cm²	fyk:	4580.0 kg/cm²
Copriferro:	3.0 cm	Condizioni ambientali: Aggressiva	
Diametro staffe:	8 mm	Numero braccia:	2

Nome travata: **Travi di fondazione01\_IP1** Descrizione: **Travi di fondazione 1-2-3-4-5**  
**ASTA NUM. 1** NI 1 NF 69 SEZ. Rp B= 50.0 H= 40.0 (trave di fondazione)

armatura base = 4 X 1.13      per le armature aggiuntive consultare il tabulato

NC	x	[Fx]	[Fy]	[Fz]	[Mx]	[My]	Mz	[APOST]	[AANT]	AINF	ASUP	Sc	Sf	w
	--													--
	cm													mm
3	0	-0	-932	0	191	0	204	2.26	2.26	4.52	4.52	-1.29	8.6	0.00
4	0	-0	-885	0	179	0	201	2.26	2.26	4.52	4.52	-1.27	8.4	0.00
5	0	-0	-873	0	174	0	204	2.26	2.26	4.52	4.52	-1.28	8.5	0.00
apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)										
3	19	-0	-932	0	191	0	168	2.26	2.26	4.52	4.52	-1.06	7.0	0.00
4	19	-0	-885	0	179	0	167	2.26	2.26	4.52	4.52	-1.05	7.0	0.00
5	19	-0	-873	0	174	0	170	2.26	2.26	4.52	4.52	-1.07	7.1	0.00
apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)										
3	38	-0	-932	0	191	0	-8	2.26	2.26	4.52	4.52	-0.05	0.3	0.00
4	38	-0	-885	0	179	0	-0	2.26	2.26	4.52	4.52	-0.00	0.0	0.00
5	38	-0	-873	0	174	0	5	2.26	2.26	4.52	4.52	-0.03	0.2	0.00
apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)										
3	57	-0	-639	0	191	0	-129	2.26	2.26	4.52	4.52	-0.81	5.4	0.00
4	57	-0	-610	0	179	0	-116	2.26	2.26	4.52	4.52	-0.73	4.8	0.00
5	57	-0	-608	0	174	0	-110	2.26	2.26	4.52	4.52	-0.69	4.6	0.00
apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)										
3	76	-0	-639	0	191	0	-250	2.26	2.26	4.52	4.52	-1.57	10.5	0.00
4	76	-0	-610	0	179	0	-231	2.26	2.26	4.52	4.52	-1.46	9.7	0.00
5	76	-0	-608	0	174	0	-225	2.26	2.26	4.52	4.52	-1.42	9.4	0.00
apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)										
3	94	-0	-349	0	191	0	-315	2.26	2.26	4.52	4.52	-1.99	13.2	0.00
4	94	-0	-339	0	179	0	-295	2.26	2.26	4.52	4.52	-1.86	12.4	0.00
5	94	-0	-347	0	174	0	-290	2.26	2.26	4.52	4.52	-1.83	12.2	0.00
apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)										
3	113	-0	-349	0	191	0	-381	2.26	2.26	4.52	4.52	-2.41	16.0	0.00
4	113	-0	-339	0	179	0	-359	2.26	2.26	4.52	4.52	-2.26	15.0	0.00
5	113	-0	-347	0	174	0	-356	2.26	2.26	4.52	4.52	-2.24	14.9	0.00
apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)										

Nome travata: **Travi di fondazione01\_IP1** Descrizione: **Travi di fondazione 1-2-3-4-5**  
**ASTA NUM. 29** NI 69 NF 70 SEZ. Rp B= 50.0 H= 40.0 (trave di fondazione)

armatura base = 4 X 1.13      per le armature aggiuntive consultare il tabulato

NC	x	[Fx]	[Fy]	[Fz]	[Mx]	[My]	Mz	[APOST]	[AANT]	AINF	ASUP	Sc	Sf	w
	cm	kg			kg*m			cm <sup>2</sup>				kg/cm <sup>2</sup>		mm
3	0	-0	-223	0	5	0	-335	2.26	2.26	4.52	4.52	-2.11	14.0	0.00
4	0	-0	-215	0	7	0	-314	2.26	2.26	4.52	4.52	-1.98	13.2	0.00
5	0	-0	-208	0	7	0	-312	2.26	2.26	4.52	4.52	-1.97	13.1	0.00
apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)										
3	19	-0	-223	0	5	0	-377	2.26	2.26	4.52	4.52	-2.38	15.8	0.00
4	19	-0	-215	0	7	0	-355	2.26	2.26	4.52	4.52	-2.24	14.9	0.00
5	19	-0	-208	0	7	0	-351	2.26	2.26	4.52	4.52	-2.21	14.7	0.00
apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)										
3	38	-0	-223	0	5	0	-419	2.26	2.26	4.52	4.52	-2.64	17.6	0.00
4	38	-0	-215	0	7	0	-395	2.26	2.26	4.52	4.52	-2.49	16.6	0.00
5	38	-0	-208	0	7	0	-390	2.26	2.26	4.52	4.52	-2.46	16.3	0.00
apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)										
3	57	-0	60	0	5	0	-408	2.26	2.26	4.52	4.52	-2.57	17.1	0.00
4	57	-0	50	0	7	0	-386	2.26	2.26	4.52	4.52	-2.43	16.2	0.00
5	57	-0	46	0	7	0	-381	2.26	2.26	4.52	4.52	-2.41	16.0	0.00
apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)										
3	76	-0	342	0	5	0	-396	2.26	2.26	4.52	4.52	-2.50	16.6	0.00
4	76	-0	314	0	7	0	-376	2.26	2.26	4.52	4.52	-2.37	15.8	0.00
5	76	-0	299	0	7	0	-373	2.26	2.26	4.52	4.52	-2.35	15.6	0.00
apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)										

3	94	-0	342	0	5	0	-332	2.26	2.26	4.52	4.52	-2.09	13.9	0.00
4	94	-0	314	0	7	0	-317	2.26	2.26	4.52	4.52	-2.00	13.3	0.00
5	94	-0	299	0	7	0	-316	2.26	2.26	4.52	4.52	-2.00	13.3	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	113	-0	342	0	5	0	-267	2.26	2.26	4.52	4.52	-1.68	11.2	0.00
4	113	-0	314	0	7	0	-258	2.26	2.26	4.52	4.52	-1.62	10.8	0.00
5	113	-0	299	0	7	0	-260	2.26	2.26	4.52	4.52	-1.64	10.9	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

Nome travata: **Travi di fondazione01\_IP1** Descrizione: **Travi di fondazione 1-2-3-4-5**  
**ASTA NUM. 30**    NI 70    NF 2    SEZ. Rp B= 50.0 H= 40.0 (trave di fondazione)

armatura base = 4 X 1.13      per le armature aggiuntive consultare il tabulato

NC	x	[Fx]	[Fy]	[Fz]	[Mx]	[My]	Mz	[APOST]	[AANT]	AINF	ASUP	Sc	Sf	w
--	--													--
	cm		kg			kg*m				cm <sup>2</sup>			kg/cm <sup>2</sup>	mm
3	0	-0	522	0	-176	0	-323	2.26	2.26	4.52	4.52	-2.04	13.6	0.00
4	0	-0	480	0	-161	0	-309	2.26	2.26	4.52	4.52	-1.95	12.9	0.00
5	0	-0	475	0	-158	0	-310	2.26	2.26	4.52	4.52	-1.95	13.0	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	19	-0	522	0	-176	0	-225	2.26	2.26	4.52	4.52	-1.42	9.4	0.00
4	19	-0	480	0	-161	0	-218	2.26	2.26	4.52	4.52	-1.38	9.1	0.00
5	19	-0	475	0	-158	0	-220	2.26	2.26	4.52	4.52	-1.39	9.2	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	38	-0	805	0	-176	0	-126	2.26	2.26	4.52	4.52	-0.80	5.3	0.00
4	38	-0	745	0	-161	0	-127	2.26	2.26	4.52	4.52	-0.80	5.3	0.00
5	38	-0	728	0	-158	0	-130	2.26	2.26	4.52	4.52	-0.82	5.5	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	57	-0	805	0	-176	0	26	2.26	2.26	4.52	4.52	-0.16	1.1	0.00
4	57	-0	745	0	-161	0	13	2.26	2.26	4.52	4.52	-0.08	0.6	0.00
5	57	-0	728	0	-158	0	7	2.26	2.26	4.52	4.52	-0.05	0.3	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	76	-0	1090	0	-176	0	178	2.26	2.26	4.52	4.52	-1.12	7.5	0.00
4	76	-0	1011	0	-161	0	154	2.26	2.26	4.52	4.52	-0.97	6.5	0.00
5	76	-0	983	0	-158	0	145	2.26	2.26	4.52	4.52	-0.91	6.1	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	94	-0	1090	0	-176	0	384	2.26	2.26	4.52	4.52	-2.42	16.1	0.00
4	94	-0	1011	0	-161	0	345	2.26	2.26	4.52	4.52	-2.18	14.5	0.00
5	94	-0	983	0	-158	0	330	2.26	2.26	4.52	4.52	-2.08	13.8	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	113	-0	1090	0	-176	0	426	2.26	2.26	4.52	4.52	-2.69	17.9	0.00
4	113	-0	1011	0	-161	0	384	2.26	2.26	4.52	4.52	-2.42	16.1	0.00
5	113	-0	983	0	-158	0	369	2.26	2.26	4.52	4.52	-2.33	15.4	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

Nome travata: **Travi di fondazione01\_IP1** Descrizione: **Travi di fondazione 1-2-3-4-5**  
**ASTA NUM. 2**    NI 2    NF 81    SEZ. Rp B= 50.0 H= 40.0 (trave di fondazione)

armatura base = 4 X 1.13      per le armature aggiuntive consultare il tabulato

NC	x	[Fx]	[Fy]	[Fz]	[Mx]	[My]	Mz	[APOST]	[AANT]	AINF	ASUP	Sc	Sf	w
--	--													--
	cm		kg			kg*m				cm <sup>2</sup>			kg/cm <sup>2</sup>	mm
3	0	-0	-1032	0	172	0	449	2.26	2.26	4.52	4.52	-2.83	18.8	0.00
4	0	-0	-963	0	158	0	416	2.26	2.26	4.52	4.52	-2.62	17.4	0.00
5	0	-0	-940	0	154	0	406	2.26	2.26	4.52	4.52	-2.56	17.0	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	19	-0	-1032	0	172	0	409	2.26	2.26	4.52	4.52	-2.58	17.1	0.00
4	19	-0	-963	0	158	0	378	2.26	2.26	4.52	4.52	-2.39	15.8	0.00
5	19	-0	-940	0	154	0	369	2.26	2.26	4.52	4.52	-2.33	15.5	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	38	-0	-1032	0	172	0	214	2.26	2.26	4.52	4.52	-1.35	9.0	0.00
4	38	-0	-963	0	158	0	196	2.26	2.26	4.52	4.52	-1.24	8.2	0.00
5	38	-0	-940	0	154	0	192	2.26	2.26	4.52	4.52	-1.21	8.0	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	57	-0	-747	0	172	0	73	2.26	2.26	4.52	4.52	-0.46	3.1	0.00
4	57	-0	-698	0	158	0	65	2.26	2.26	4.52	4.52	-0.41	2.7	0.00
5	57	-0	-686	0	154	0	62	2.26	2.26	4.52	4.52	-0.39	2.6	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	76	-0	-747	0	172	0	-68	2.26	2.26	4.52	4.52	-0.43	2.9	0.00
---	----	----	------	---	-----	---	-----	------	------	------	------	-------	-----	------

4	76	-0	-698	0	158	0	-67	2.26	2.26	4.52	4.52	-0.42	2.8	0.00
5	76	-0	-686	0	154	0	-68	2.26	2.26	4.52	4.52	-0.43	2.8	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	94	-0	-464	0	172	0	-156	2.26	2.26	4.52	4.52	-0.98	6.5	0.00
4	94	-0	-434	0	158	0	-149	2.26	2.26	4.52	4.52	-0.94	6.2	0.00
5	94	-0	-433	0	154	0	-149	2.26	2.26	4.52	4.52	-0.94	6.3	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	113	-0	-464	0	172	0	-243	2.26	2.26	4.52	4.52	-1.53	10.2	0.00
4	113	-0	-434	0	158	0	-231	2.26	2.26	4.52	4.52	-1.46	9.7	0.00
5	113	-0	-433	0	154	0	-231	2.26	2.26	4.52	4.52	-1.46	9.7	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

Nome travata: **Travi di fondazione01\_IP1**    Descrizione: **Travi di fondazione 1-2-3-4-5**  
**ASTA NUM. 27**    NI 81    NF 82    SEZ.   Rp B= 50.0 H= 40.0 (trave di fondazione)

armatura base = 4 X 1.13            per le armature aggiuntive consultare il tabulato

NC	x	[Fx]	[Fy]	[Fz]	[Mx]	[My]	Mz	[APOST]	[AANT]	AINF	ASUP	Sc	Sf	w
--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	---
cm		kg			kg*m			cm <sup>2</sup>				kg/cm <sup>2</sup>		mm
3	0	-0	-271	0	-1	0	-181	2.26	2.26	4.52	4.52	-1.14	7.6	0.00
4	0	-0	-252	0	-1	0	-173	2.26	2.26	4.52	4.52	-1.09	7.2	0.00
5	0	-0	-241	0	-0	0	-174	2.26	2.26	4.52	4.52	-1.10	7.3	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	19	-0	-271	0	-1	0	-232	2.26	2.26	4.52	4.52	-1.46	9.7	0.00
4	19	-0	-252	0	-1	0	-220	2.26	2.26	4.52	4.52	-1.39	9.2	0.00
5	19	-0	-241	0	-0	0	-219	2.26	2.26	4.52	4.52	-1.38	9.2	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	38	-0	-271	0	-1	0	-283	2.26	2.26	4.52	4.52	-1.79	11.9	0.00
4	38	-0	-252	0	-1	0	-268	2.26	2.26	4.52	4.52	-1.69	11.2	0.00
5	38	-0	-241	0	-0	0	-265	2.26	2.26	4.52	4.52	-1.67	11.1	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	57	-0	11	0	-1	0	-281	2.26	2.26	4.52	4.52	-1.77	11.8	0.00
4	57	-0	9	0	-1	0	-266	2.26	2.26	4.52	4.52	-1.68	11.2	0.00
5	57	-0	9	0	-0	0	-263	2.26	2.26	4.52	4.52	-1.66	11.0	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	76	-0	292	0	-1	0	-279	2.26	2.26	4.52	4.52	-1.76	11.7	0.00
4	76	-0	271	0	-1	0	-264	2.26	2.26	4.52	4.52	-1.67	11.1	0.00
5	76	-0	259	0	-0	0	-262	2.26	2.26	4.52	4.52	-1.65	11.0	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	94	-0	292	0	-1	0	-224	2.26	2.26	4.52	4.52	-1.41	9.4	0.00
4	94	-0	271	0	-1	0	-213	2.26	2.26	4.52	4.52	-1.35	8.9	0.00
5	94	-0	259	0	-0	0	-213	2.26	2.26	4.52	4.52	-1.34	8.9	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	113	-0	292	0	-1	0	-169	2.26	2.26	4.52	4.52	-1.07	7.1	0.00
4	113	-0	271	0	-1	0	-162	2.26	2.26	4.52	4.52	-1.02	6.8	0.00
5	113	-0	259	0	-0	0	-164	2.26	2.26	4.52	4.52	-1.03	6.9	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

Nome travata: **Travi di fondazione01\_IP1**    Descrizione: **Travi di fondazione 1-2-3-4-5**  
**ASTA NUM. 28**    NI 82    NF 3    SEZ.   Rp B= 50.0 H= 40.0 (trave di fondazione)

armatura base = 4 X 1.13            per le armature aggiuntive consultare il tabulato

NC	x	[Fx]	[Fy]	[Fz]	[Mx]	[My]	Mz	[APOST]	[AANT]	AINF	ASUP	Sc	Sf	w
--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	---
cm		kg			kg*m			cm <sup>2</sup>				kg/cm <sup>2</sup>		mm
3	0	-0	483	0	-175	0	-227	2.26	2.26	4.52	4.52	-1.43	9.5	0.00
4	0	-0	449	0	-161	0	-216	2.26	2.26	4.52	4.52	-1.36	9.0	0.00
5	0	-0	447	0	-157	0	-216	2.26	2.26	4.52	4.52	-1.36	9.1	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	19	-0	483	0	-175	0	-136	2.26	2.26	4.52	4.52	-0.86	5.7	0.00
4	19	-0	449	0	-161	0	-131	2.26	2.26	4.52	4.52	-0.83	5.5	0.00
5	19	-0	447	0	-157	0	-132	2.26	2.26	4.52	4.52	-0.83	5.5	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	38	-0	767	0	-175	0	-45	2.26	2.26	4.52	4.52	-0.28	1.9	0.00
4	38	-0	713	0	-161	0	-46	2.26	2.26	4.52	4.52	-0.29	1.9	0.00
5	38	-0	699	0	-157	0	-47	2.26	2.26	4.52	4.52	-0.30	2.0	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	57	-0	767	0	-175	0	100	2.26	2.26	4.52	4.52	-0.63	4.2	0.00
4	57	-0	713	0	-161	0	88	2.26	2.26	4.52	4.52	-0.56	3.7	0.00
5	57	-0	699	0	-157	0	85	2.26	2.26	4.52	4.52	-0.53	3.5	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	76	-0	1053	0	-175	0	245	2.26	2.26	4.52	4.52	-1.54	10.3	0.00
4	76	-0	979	0	-161	0	223	2.26	2.26	4.52	4.52	-1.41	9.3	0.00
5	76	-0	954	0	-157	0	217	2.26	2.26	4.52	4.52	-1.37	9.1	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	94	-0	1053	0	-175	0	444	2.26	2.26	4.52	4.52	-2.80	18.6	0.00
4	94	-0	979	0	-161	0	408	2.26	2.26	4.52	4.52	-2.57	17.1	0.00
5	94	-0	954	0	-157	0	397	2.26	2.26	4.52	4.52	-2.50	16.6	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	113	-0	1053	0	-175	0	485	2.26	2.26	4.52	4.52	-3.06	20.3	0.00
4	113	-0	979	0	-161	0	446	2.26	2.26	4.52	4.52	-2.81	18.7	0.00
5	113	-0	954	0	-157	0	434	2.26	2.26	4.52	4.52	-2.74	18.2	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

Nome travata: **Travi di fondazione01\_IP1**    Descrizione: **Travi di fondazione 1-2-3-4-5**  
**ASTA NUM. 3**      NI 3      NF 91      SEZ.    Rp    B= 50.0    H= 40.0    (trave di fondazione)

armatura base = 4 X 1.13      per le armature aggiuntive consultare il tabulato

NC	x	[Fx]	[Fy]	[Fz]	[Mx]	[My]	Mz	[APOST]	[AANT]	AINF	ASUP	Sc	Sf	w
	cm	kg			kg *m			cm <sup>2</sup>				kg / cm <sup>2</sup>		mm
3	0	-0	-1053	0	175	0	485	2.26	2.26	4.52	4.52	-3.06	20.3	0.00
4	0	-0	-979	0	161	0	446	2.26	2.26	4.52	4.52	-2.81	18.7	0.00
5	0	-0	-954	0	157	0	434	2.26	2.26	4.52	4.52	-2.74	18.2	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	19	-0	-1053	0	175	0	444	2.26	2.26	4.52	4.52	-2.80	18.6	0.00
4	19	-0	-979	0	161	0	408	2.26	2.26	4.52	4.52	-2.57	17.1	0.00
5	19	-0	-954	0	157	0	397	2.26	2.26	4.52	4.52	-2.50	16.6	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	38	-0	-1053	0	175	0	245	2.26	2.26	4.52	4.52	-1.54	10.3	0.00
4	38	-0	-979	0	161	0	223	2.26	2.26	4.52	4.52	-1.41	9.3	0.00
5	38	-0	-954	0	157	0	217	2.26	2.26	4.52	4.52	-1.37	9.1	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	57	-0	-767	0	175	0	100	2.26	2.26	4.52	4.52	-0.63	4.2	0.00
4	57	-0	-713	0	161	0	88	2.26	2.26	4.52	4.52	-0.56	3.7	0.00
5	57	-0	-699	0	157	0	85	2.26	2.26	4.52	4.52	-0.53	3.5	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	76	-0	-767	0	175	0	-45	2.26	2.26	4.52	4.52	-0.28	1.9	0.00
4	76	-0	-713	0	161	0	-46	2.26	2.26	4.52	4.52	-0.29	1.9	0.00
5	76	-0	-699	0	157	0	-47	2.26	2.26	4.52	4.52	-0.30	2.0	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	94	-0	-483	0	175	0	-136	2.26	2.26	4.52	4.52	-0.86	5.7	0.00
4	94	-0	-449	0	161	0	-131	2.26	2.26	4.52	4.52	-0.83	5.5	0.00
5	94	-0	-447	0	157	0	-132	2.26	2.26	4.52	4.52	-0.83	5.5	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	113	-0	-483	0	175	0	-227	2.26	2.26	4.52	4.52	-1.43	9.5	0.00
4	113	-0	-449	0	161	0	-216	2.26	2.26	4.52	4.52	-1.36	9.0	0.00
5	113	-0	-447	0	157	0	-216	2.26	2.26	4.52	4.52	-1.36	9.1	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

Nome travata: **Travi di fondazione01\_IP1**    Descrizione: **Travi di fondazione 1-2-3-4-5**  
**ASTA NUM. 25**      NI 91      NF 92      SEZ.    Rp    B= 50.0    H= 40.0    (trave di fondazione)

armatura base = 4 X 1.13      per le armature aggiuntive consultare il tabulato

NC	x	[Fx]	[Fy]	[Fz]	[Mx]	[My]	Mz	[APOST]	[AANT]	AINF	ASUP	Sc	Sf	w
--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	---
	cm	kg			kg *m			cm <sup>2</sup>				kg / cm <sup>2</sup>		mm
-----														
3	0	-0	-292	0	1	0	-169	2.26	2.26	4.52	4.52	-1.06	7.1	0.00
4	0	-0	-271	0	1	0	-162	2.26	2.26	4.52	4.52	-1.02	6.8	0.00
5	0	-0	-259	0	0	0	-164	2.26	2.26	4.52	4.52	-1.03	6.9	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	19	-0	-292	0	1	0	-224	2.26	2.26	4.52	4.52	-1.41	9.4	0.00
4	19	-0	-271	0	1	0	-213	2.26	2.26	4.52	4.52	-1.35	8.9	0.00
5	19	-0	-259	0	0	0	-213	2.26	2.26	4.52	4.52	-1.34	8.9	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	38	-0	-292	0	1	0	-279	2.26	2.26	4.52	4.52	-1.76	11.7	0.00
4	38	-0	-271	0	1	0	-264	2.26	2.26	4.52	4.52	-1.67	11.1	0.00
5	38	-0	-259	0	0	0	-262	2.26	2.26	4.52	4.52	-1.65	11.0	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)



3	57	-0	-11	0	1	0	-281	2.26	2.26	4.52	4.52	-1.77	11.8	0.00
4	57	-0	-9	0	1	0	-266	2.26	2.26	4.52	4.52	-1.68	11.2	0.00
5	57	-0	-9	0	0	0	-263	2.26	2.26	4.52	4.52	-1.66	11.0	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	76	-0	271	0	1	0	-283	2.26	2.26	4.52	4.52	-1.79	11.9	0.00
4	76	-0	252	0	1	0	-268	2.26	2.26	4.52	4.52	-1.69	11.2	0.00
5	76	-0	241	0	0	0	-265	2.26	2.26	4.52	4.52	-1.67	11.1	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	94	-0	271	0	1	0	-232	2.26	2.26	4.52	4.52	-1.46	9.7	0.00
4	94	-0	252	0	1	0	-220	2.26	2.26	4.52	4.52	-1.39	9.2	0.00
5	94	-0	241	0	0	0	-219	2.26	2.26	4.52	4.52	-1.38	9.2	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	113	-0	271	0	1	0	-181	2.26	2.26	4.52	4.52	-1.14	7.6	0.00
4	113	-0	252	0	1	0	-173	2.26	2.26	4.52	4.52	-1.09	7.2	0.00
5	113	-0	241	0	0	0	-174	2.26	2.26	4.52	4.52	-1.10	7.3	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

Nome travata: **Travi di fondazione01\_IP1**    Descrizione: **Travi di fondazione 1-2-3-4-5**  
**ASTA NUM. 26**        NI 92        NF 4        SEZ.   Rp   B= 50.0   H= 40.0   (trave di fondazione)

armatura base = 4 X 1.13        per le armature aggiuntive consultare il tabulato

NC	x	[Fx]	[Fy]	[Fz]	[Mx]	[My]	Mz	[APOST]	[AANT]	AINF	ASUP	Sc	Sf	w
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	cm		kg			kg*m				cm <sup>2</sup>			kg/cm <sup>2</sup>	mm

3	0	-0	464	0	-172	0	-243	2.26	2.26	4.52	4.52	-1.53	10.2	0.00
4	0	-0	434	0	-158	0	-231	2.26	2.26	4.52	4.52	-1.46	9.7	0.00
5	0	-0	433	0	-154	0	-231	2.26	2.26	4.52	4.52	-1.46	9.7	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	19	-0	464	0	-172	0	-156	2.26	2.26	4.52	4.52	-0.98	6.5	0.00
4	19	-0	434	0	-158	0	-149	2.26	2.26	4.52	4.52	-0.94	6.2	0.00
5	19	-0	433	0	-154	0	-149	2.26	2.26	4.52	4.52	-0.94	6.3	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	38	-0	747	0	-172	0	-68	2.26	2.26	4.52	4.52	-0.43	2.9	0.00
4	38	-0	698	0	-158	0	-67	2.26	2.26	4.52	4.52	-0.42	2.8	0.00
5	38	-0	686	0	-154	0	-68	2.26	2.26	4.52	4.52	-0.43	2.8	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	57	-0	747	0	-172	0	73	2.26	2.26	4.52	4.52	-0.46	3.1	0.00
4	57	-0	698	0	-158	0	65	2.26	2.26	4.52	4.52	-0.41	2.7	0.00
5	57	-0	686	0	-154	0	62	2.26	2.26	4.52	4.52	-0.39	2.6	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	76	-0	1032	0	-172	0	214	2.26	2.26	4.52	4.52	-1.35	9.0	0.00
4	76	-0	963	0	-158	0	196	2.26	2.26	4.52	4.52	-1.24	8.2	0.00
5	76	-0	940	0	-154	0	192	2.26	2.26	4.52	4.52	-1.21	8.0	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	94	-0	1032	0	-172	0	409	2.26	2.26	4.52	4.52	-2.58	17.1	0.00
4	94	-0	963	0	-158	0	378	2.26	2.26	4.52	4.52	-2.39	15.8	0.00
5	94	-0	940	0	-154	0	369	2.26	2.26	4.52	4.52	-2.33	15.5	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	113	-0	1032	0	-172	0	449	2.26	2.26	4.52	4.52	-2.83	18.8	0.00
4	113	-0	963	0	-158	0	416	2.26	2.26	4.52	4.52	-2.62	17.4	0.00
5	113	-0	940	0	-154	0	406	2.26	2.26	4.52	4.52	-2.56	17.0	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

Nome travata: **Travi di fondazione01\_IP1**    Descrizione: **Travi di fondazione 1-2-3-4-5**  
**ASTA NUM. 4**        NI 4        NF 101        SEZ.   Rp   B= 50.0   H= 40.0   (trave di fondazione)

armatura base = 4 X 1.13        per le armature aggiuntive consultare il tabulato

NC	x	[Fx]	[Fy]	[Fz]	[Mx]	[My]	Mz	[APOST]	[AANT]	AINF	ASUP	Sc	Sf	w
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	cm		kg			kg*m				cm <sup>2</sup>			kg/cm <sup>2</sup>	mm

3	0	-0	-1090	0	176	0	426	2.26	2.26	4.52	4.52	-2.69	17.9	0.00
4	0	-0	-1011	0	161	0	384	2.26	2.26	4.52	4.52	-2.42	16.1	0.00
5	0	-0	-983	0	158	0	369	2.26	2.26	4.52	4.52	-2.33	15.4	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	19	-0	-1090	0	176	0	384	2.26	2.26	4.52	4.52	-2.42	16.1	0.00
4	19	-0	-1011	0	161	0	345	2.26	2.26	4.52	4.52	-2.18	14.4	0.00
5	19	-0	-983	0	158	0	330	2.26	2.26	4.52	4.52	-2.08	13.8	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	38	-0	-1090	0	176	0	178	2.26	2.26	4.52	4.52	-1.12	7.5	0.00
---	----	----	-------	---	-----	---	-----	------	------	------	------	-------	-----	------

4	38	-0	-1011	0	161	0	154	2.26	2.26	4.52	4.52	-0.97	6.5	0.00
5	38	-0	-983	0	158	0	145	2.26	2.26	4.52	4.52	-0.91	6.1	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	57	-0	-805	0	176	0	26	2.26	2.26	4.52	4.52	-0.16	1.1	0.00
4	57	-0	-745	0	161	0	13	2.26	2.26	4.52	4.52	-0.08	0.6	0.00
5	57	-0	-728	0	158	0	7	2.26	2.26	4.52	4.52	-0.05	0.3	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	76	-0	-805	0	176	0	-126	2.26	2.26	4.52	4.52	-0.80	5.3	0.00
4	76	-0	-745	0	161	0	-128	2.26	2.26	4.52	4.52	-0.80	5.3	0.00
5	76	-0	-728	0	158	0	-130	2.26	2.26	4.52	4.52	-0.82	5.5	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	94	-0	-522	0	176	0	-225	2.26	2.26	4.52	4.52	-1.42	9.4	0.00
4	94	-0	-480	0	161	0	-218	2.26	2.26	4.52	4.52	-1.38	9.1	0.00
5	94	-0	-475	0	158	0	-220	2.26	2.26	4.52	4.52	-1.39	9.2	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	113	-0	-522	0	176	0	-323	2.26	2.26	4.52	4.52	-2.04	13.6	0.00
4	113	-0	-480	0	161	0	-309	2.26	2.26	4.52	4.52	-1.95	12.9	0.00
5	113	-0	-475	0	158	0	-310	2.26	2.26	4.52	4.52	-1.95	13.0	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

Nome travata: **Travi di fondazione01\_IP1**    Descrizione: **Travi di fondazione 1-2-3-4-5**  
**ASTA NUM. 23**      NI 101    NF 102    SEZ.   Rp   B= 50.0   H= 40.0   (trave di fondazione)

armatura base = 4 X 1.13      per le armature aggiuntive consultare il tabulato

NC	x	[Fx]	[Fy]	[Fz]	[Mx]	[My]	Mz	[APOST]	[AANT]	AINF	ASUP	Sc	Sf	w
--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	---
	cm		kg			kg*m				cm <sup>2</sup>			kg/cm <sup>2</sup>	mm
3	0	-0	-342	0	-5	0	-267	2.26	2.26	4.52	4.52	-1.68	11.2	0.00
4	0	-0	-314	0	-7	0	-257	2.26	2.26	4.52	4.52	-1.62	10.8	0.00
5	0	-0	-299	0	-7	0	-260	2.26	2.26	4.52	4.52	-1.64	10.9	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	19	-0	-342	0	-5	0	-331	2.26	2.26	4.52	4.52	-2.09	13.9	0.00
4	19	-0	-314	0	-7	0	-317	2.26	2.26	4.52	4.52	-2.00	13.3	0.00
5	19	-0	-299	0	-7	0	-316	2.26	2.26	4.52	4.52	-2.00	13.3	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	38	-0	-342	0	-5	0	-396	2.26	2.26	4.52	4.52	-2.50	16.6	0.00
4	38	-0	-314	0	-7	0	-376	2.26	2.26	4.52	4.52	-2.37	15.8	0.00
5	38	-0	-299	0	-7	0	-373	2.26	2.26	4.52	4.52	-2.35	15.6	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	57	-0	-60	0	-5	0	-407	2.26	2.26	4.52	4.52	-2.57	17.1	0.00
4	57	-0	-50	0	-7	0	-386	2.26	2.26	4.52	4.52	-2.43	16.2	0.00
5	57	-0	-46	0	-7	0	-382	2.26	2.26	4.52	4.52	-2.41	16.0	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	76	-0	223	0	-5	0	-419	2.26	2.26	4.52	4.52	-2.64	17.6	0.00
4	76	-0	215	0	-7	0	-395	2.26	2.26	4.52	4.52	-2.49	16.6	0.00
5	76	-0	208	0	-7	0	-390	2.26	2.26	4.52	4.52	-2.46	16.4	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	94	-0	223	0	-5	0	-377	2.26	2.26	4.52	4.52	-2.38	15.8	0.00
4	94	-0	215	0	-7	0	-355	2.26	2.26	4.52	4.52	-2.24	14.9	0.00
5	94	-0	208	0	-7	0	-351	2.26	2.26	4.52	4.52	-2.21	14.7	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	113	-0	223	0	-5	0	-335	2.26	2.26	4.52	4.52	-2.11	14.0	0.00
4	113	-0	215	0	-7	0	-314	2.26	2.26	4.52	4.52	-1.98	13.2	0.00
5	113	-0	208	0	-7	0	-312	2.26	2.26	4.52	4.52	-1.97	13.1	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

Nome travata: **Travi di fondazione01\_IP1**    Descrizione: **Travi di fondazione 1-2-3-4-5**  
**ASTA NUM. 24**      NI 102    NF 5      SEZ.   Rp   B= 50.0   H= 40.0   (trave di fondazione)

armatura base = 4 X 1.13      per le armature aggiuntive consultare il tabulato

NC	x	[Fx]	[Fy]	[Fz]	[Mx]	[My]	Mz	[APOST]	[AANT]	AINF	ASUP	Sc	Sf	w
--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	---
	cm		kg			kg*m				cm <sup>2</sup>			kg/cm <sup>2</sup>	mm
3	0	-0	349	0	-191	0	-382	2.26	2.26	4.52	4.52	-2.41	16.0	0.00
4	0	-0	339	0	-179	0	-359	2.26	2.26	4.52	4.52	-2.26	15.0	0.00
5	0	-0	347	0	-174	0	-356	2.26	2.26	4.52	4.52	-2.24	14.9	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	19	-0	349	0	-191	0	-316	2.26	2.26	4.52	4.52	-1.99	13.2	0.00
4	19	-0	339	0	-179	0	-295	2.26	2.26	4.52	4.52	-1.86	12.4	0.00
5	19	-0	347	0	-174	0	-290	2.26	2.26	4.52	4.52	-1.83	12.2	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	38	-0	639	0	-191	0	-250	2.26	2.26	4.52	4.52	-1.57	10.5	0.00
4	38	-0	610	0	-179	0	-231	2.26	2.26	4.52	4.52	-1.46	9.7	0.00
5	38	-0	608	0	-174	0	-225	2.26	2.26	4.52	4.52	-1.42	9.4	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	57	-0	639	0	-191	0	-129	2.26	2.26	4.52	4.52	-0.81	5.4	0.00
4	57	-0	610	0	-179	0	-116	2.26	2.26	4.52	4.52	-0.73	4.8	0.00
5	57	-0	608	0	-174	0	-110	2.26	2.26	4.52	4.52	-0.69	4.6	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	76	-0	932	0	-191	0	-8	2.26	2.26	4.52	4.52	-0.05	0.3	0.00
4	76	-0	885	0	-179	0	-0	2.26	2.26	4.52	4.52	-0.00	0.0	0.00
5	76	-0	873	0	-174	0	5	2.26	2.26	4.52	4.52	-0.03	0.2	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	94	-0	932	0	-191	0	168	2.26	2.26	4.52	4.52	-1.06	7.0	0.00
4	94	-0	885	0	-179	0	167	2.26	2.26	4.52	4.52	-1.05	7.0	0.00
5	94	-0	873	0	-174	0	170	2.26	2.26	4.52	4.52	-1.07	7.1	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	113	-0	932	0	-191	0	204	2.26	2.26	4.52	4.52	-1.29	8.6	0.00
4	113	-0	885	0	-179	0	201	2.26	2.26	4.52	4.52	-1.27	8.4	0.00
5	113	-0	873	0	-174	0	204	2.26	2.26	4.52	4.52	-1.28	8.5	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

Nome travata: **Travi di fondazione02\_IP1**    Descrizione: **Travi di fondazione 6-7-8-9-10**  
**ASTA NUM. 5**    NI 10    NF 71    SEZ.    Rp B= 50.0 H= 40.0 (trave di fondazione)

armatura base = 4 X 1.13      per le armature aggiuntive consultare il tabulato

NC	x	[Fx]	[Fy]	[Fz]	[Mx]	[My]	Mz	[APOST]	[AANT]	AINF	ASUP	Sc	Sf	w
--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	---
	cm		kg			kg*m				cm <sup>2</sup>			kg/cm <sup>2</sup>	mm
3	0	-0	-932	-0	-191	-0	204	2.26	2.26	4.52	4.52	-1.29	8.6	0.00
4	0	-0	-885	-0	-179	-0	201	2.26	2.26	4.52	4.52	-1.27	8.4	0.00
5	0	-0	-873	-0	-174	-0	204	2.26	2.26	4.52	4.52	-1.28	8.5	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	19	-0	-932	-0	-191	-0	168	2.26	2.26	4.52	4.52	-1.06	7.0	0.00
4	19	-0	-885	-0	-179	-0	167	2.26	2.26	4.52	4.52	-1.05	7.0	0.00
5	19	-0	-873	-0	-174	-0	170	2.26	2.26	4.52	4.52	-1.07	7.1	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	38	-0	-932	-0	-191	0	-8	2.26	2.26	4.52	4.52	-0.05	0.3	0.00
4	38	-0	-885	-0	-179	-0	-0	2.26	2.26	4.52	4.52	-0.00	0.0	0.00
5	38	-0	-873	-0	-174	-0	5	2.26	2.26	4.52	4.52	-0.03	0.2	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	57	-0	-639	-0	-191	0	-129	2.26	2.26	4.52	4.52	-0.81	5.4	0.00
4	57	-0	-610	-0	-179	0	-116	2.26	2.26	4.52	4.52	-0.73	4.8	0.00
5	57	-0	-608	-0	-174	0	-110	2.26	2.26	4.52	4.52	-0.69	4.6	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	76	-0	-639	-0	-191	0	-250	2.26	2.26	4.52	4.52	-1.57	10.5	0.00
4	76	-0	-610	-0	-179	0	-231	2.26	2.26	4.52	4.52	-1.46	9.7	0.00
5	76	-0	-608	-0	-174	0	-225	2.26	2.26	4.52	4.52	-1.42	9.4	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	94	-0	-349	-0	-191	0	-315	2.26	2.26	4.52	4.52	-1.99	13.2	0.00
4	94	-0	-339	-0	-179	0	-295	2.26	2.26	4.52	4.52	-1.86	12.4	0.00
5	94	-0	-347	-0	-174	0	-290	2.26	2.26	4.52	4.52	-1.83	12.2	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	113	-0	-349	-0	-191	0	-381	2.26	2.26	4.52	4.52	-2.41	16.0	0.00
4	113	-0	-339	-0	-179	0	-359	2.26	2.26	4.52	4.52	-2.26	15.0	0.00
5	113	-0	-347	-0	-174	0	-356	2.26	2.26	4.52	4.52	-2.24	14.9	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

Nome travata: **Travi di fondazione02\_IP1**    Descrizione: **Travi di fondazione 6-7-8-9-10**  
**ASTA NUM. 21**    NI 71    NF 72    SEZ.    Rp B= 50.0 H= 40.0 (trave di fondazione)

armatura base = 4 X 1.13      per le armature aggiuntive consultare il tabulato

NC	x	[Fx]	[Fy]	[Fz]	[Mx]	[My]	Mz	[APOST]	[AANT]	AINF	ASUP	Sc	Sf	w
--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	---
	cm		kg			kg*m				cm <sup>2</sup>			kg/cm <sup>2</sup>	mm
3	0	-0	-223	-0	-5	0	-335	2.26	2.26	4.52	4.52	-2.11	14.0	0.00
4	0	-0	-215	-0	-7	0	-314	2.26	2.26	4.52	4.52	-1.98	13.2	0.00
5	0	-0	-208	-0	-7	0	-312	2.26	2.26	4.52	4.52	-1.97	13.1	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	19	-0	-223	-0	-5	0	-377	2.26	2.26	4.52	4.52	-2.38	15.8	0.00
4	19	-0	-215	-0	-7	0	-355	2.26	2.26	4.52	4.52	-2.24	14.9	0.00
5	19	-0	-208	-0	-7	0	-351	2.26	2.26	4.52	4.52	-2.21	14.7	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	38	-0	-223	-0	-5	0	-419	2.26	2.26	4.52	4.52	-2.64	17.6	0.00
4	38	-0	-215	-0	-7	0	-395	2.26	2.26	4.52	4.52	-2.49	16.6	0.00
5	38	-0	-208	-0	-7	0	-390	2.26	2.26	4.52	4.52	-2.46	16.3	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	57	-0	60	0	-5	0	-408	2.26	2.26	4.52	4.52	-2.57	17.1	0.00
4	57	-0	50	0	-7	0	-386	2.26	2.26	4.52	4.52	-2.43	16.2	0.00
5	57	-0	46	0	-7	0	-381	2.26	2.26	4.52	4.52	-2.41	16.0	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	76	-0	342	0	-5	0	-396	2.26	2.26	4.52	4.52	-2.50	16.6	0.00
4	76	-0	314	0	-7	0	-376	2.26	2.26	4.52	4.52	-2.37	15.8	0.00
5	76	-0	299	0	-7	0	-373	2.26	2.26	4.52	4.52	-2.35	15.6	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	94	-0	342	0	-5	0	-332	2.26	2.26	4.52	4.52	-2.09	13.9	0.00
4	94	-0	314	0	-7	0	-317	2.26	2.26	4.52	4.52	-2.00	13.3	0.00
5	94	-0	299	0	-7	0	-316	2.26	2.26	4.52	4.52	-2.00	13.3	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	113	-0	342	0	-5	0	-267	2.26	2.26	4.52	4.52	-1.68	11.2	0.00
4	113	-0	314	0	-7	0	-258	2.26	2.26	4.52	4.52	-1.62	10.8	0.00
5	113	-0	299	0	-7	0	-260	2.26	2.26	4.52	4.52	-1.64	10.9	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

Nome travata: **Travi di fondazione02\_IP1**    Descrizione: **Travi di fondazione 6-7-8-9-10**  
**ASTA NUM. 22**      NI 72      NF 9      SEZ. Rp B= 50.0 H= 40.0    (trave di fondazione)

armatura base = 4 X 1.13      per le armature aggiuntive consultare il tabulato

NC	x	[Fx]	[Fy]	[Fz]	[Mx]	[My]	Mz	[APOST]	[AANT]	AINF	ASUP	Sc	Sf	w
	cm	kg			kg *m			cm <sup>2</sup>				kg / cm <sup>2</sup>		mm

3	0	-0	522	0	176	0	-323	2.26	2.26	4.52	4.52	-2.04	13.6	0.00
4	0	-0	480	0	161	0	-309	2.26	2.26	4.52	4.52	-1.95	12.9	0.00
5	0	-0	475	0	158	0	-310	2.26	2.26	4.52	4.52	-1.95	13.0	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	19	-0	522	0	176	0	-225	2.26	2.26	4.52	4.52	-1.42	9.4	0.00
4	19	-0	480	0	161	0	-218	2.26	2.26	4.52	4.52	-1.38	9.1	0.00
5	19	-0	475	0	158	0	-220	2.26	2.26	4.52	4.52	-1.39	9.2	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	38	-0	805	0	176	0	-126	2.26	2.26	4.52	4.52	-0.80	5.3	0.00
4	38	-0	745	0	161	0	-127	2.26	2.26	4.52	4.52	-0.80	5.3	0.00
5	38	-0	728	0	158	0	-130	2.26	2.26	4.52	4.52	-0.82	5.5	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	57	-0	805	0	176	-0	26	2.26	2.26	4.52	4.52	-0.16	1.1	0.00
4	57	-0	745	0	161	-0	13	2.26	2.26	4.52	4.52	-0.08	0.6	0.00
5	57	-0	728	0	158	-0	7	2.26	2.26	4.52	4.52	-0.05	0.3	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	76	-0	1090	0	176	-0	178	2.26	2.26	4.52	4.52	-1.12	7.5	0.00
4	76	-0	1011	0	161	-0	154	2.26	2.26	4.52	4.52	-0.97	6.5	0.00
5	76	-0	983	0	158	-0	145	2.26	2.26	4.52	4.52	-0.91	6.1	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	94	-0	1090	0	176	-0	384	2.26	2.26	4.52	4.52	-2.42	16.1	0.00
4	94	-0	1011	0	161	-0	345	2.26	2.26	4.52	4.52	-2.18	14.5	0.00
5	94	-0	983	0	158	-0	330	2.26	2.26	4.52	4.52	-2.08	13.8	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	113	-0	1090	0	176	-0	426	2.26	2.26	4.52	4.52	-2.69	17.9	0.00
4	113	-0	1011	0	161	-0	384	2.26	2.26	4.52	4.52	-2.42	16.1	0.00
5	113	-0	983	0	158	-0	369	2.26	2.26	4.52	4.52	-2.33	15.4	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

Nome travata: **Travi di fondazione02\_IP1**    Descrizione: **Travi di fondazione 6-7-8-9-10**  
**ASTA NUM. 6**      NI 9      NF 83      SEZ. Rp B= 50.0 H= 40.0    (trave di fondazione)

armatura base = 4 X 1.13      per le armature aggiuntive consultare il tabulato

NC	x	[Fx]	[Fy]	[Fz]	[Mx]	[My]	Mz	[APOST]	[AANT]	AINF	ASUP	Sc	Sf	w
	cm	kg			kg*m			cm <sup>2</sup>			kg/cm <sup>2</sup>		mm	

3	0	-0	-1032	-0	-172	-0	449	2.26	2.26	4.52	4.52	-2.83	18.8	0.00
---	---	----	-------	----	------	----	-----	------	------	------	------	-------	------	------



cm			kg		kg*m			cm²				kg/cm²		mm
3	0	-0	483	0	175	0	-227	2.26	2.26	4.52	4.52	-1.43	9.5	0.00
4	0	-0	449	0	161	0	-216	2.26	2.26	4.52	4.52	-1.36	9.0	0.00
5	0	-0	447	0	157	0	-216	2.26	2.26	4.52	4.52	-1.36	9.1	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	19	-0	483	0	175	0	-136	2.26	2.26	4.52	4.52	-0.86	5.7	0.00
4	19	-0	449	0	161	0	-131	2.26	2.26	4.52	4.52	-0.83	5.5	0.00
5	19	-0	447	0	157	0	-132	2.26	2.26	4.52	4.52	-0.83	5.5	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	38	-0	767	0	175	0	-45	2.26	2.26	4.52	4.52	-0.28	1.9	0.00
4	38	-0	713	0	161	0	-46	2.26	2.26	4.52	4.52	-0.29	1.9	0.00
5	38	-0	699	0	157	0	-47	2.26	2.26	4.52	4.52	-0.30	2.0	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	57	-0	767	0	175	-0	100	2.26	2.26	4.52	4.52	-0.63	4.2	0.00
4	57	-0	713	0	161	-0	88	2.26	2.26	4.52	4.52	-0.56	3.7	0.00
5	57	-0	699	0	157	-0	85	2.26	2.26	4.52	4.52	-0.53	3.5	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	76	-0	1053	0	175	-0	245	2.26	2.26	4.52	4.52	-1.54	10.3	0.00
4	76	-0	979	0	161	-0	223	2.26	2.26	4.52	4.52	-1.41	9.3	0.00
5	76	-0	954	0	157	-0	217	2.26	2.26	4.52	4.52	-1.37	9.1	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	94	-0	1053	0	175	-0	444	2.26	2.26	4.52	4.52	-2.80	18.6	0.00
4	94	-0	979	0	161	-0	408	2.26	2.26	4.52	4.52	-2.57	17.1	0.00
5	94	-0	954	0	157	-0	397	2.26	2.26	4.52	4.52	-2.50	16.6	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	113	-0	1053	0	175	-0	485	2.26	2.26	4.52	4.52	-3.06	20.3	0.00
4	113	-0	979	0	161	-0	446	2.26	2.26	4.52	4.52	-2.81	18.7	0.00
5	113	-0	954	0	157	-0	434	2.26	2.26	4.52	4.52	-2.74	18.2	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

Nome travata: **Travi di fondazione02\_IP1**    Descrizione: **Travi di fondazione 6-7-8-9-10**  
**ASTA NUM. 7**    NI 8    NF 93    SEZ.    Rp B= 50.0 H= 40.0    (trave di fondazione)

armatura base = 4 X 1.13      per le armature aggiuntive consultare il tabulato

NC	x	[Fx]	[Fy]	[Fz]	[Mx]	[My]	Mz	[APOST]	[AANT]	AINF	ASUP	Sc	Sf	w
--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	---
	cm		kg			kg*m				cm²			kg/cm²	mm

3	0	-0	-1053	-0	-175	-0	485	2.26	2.26	4.52	4.52	-3.06	20.3	0.00
4	0	-0	-979	-0	-161	-0	446	2.26	2.26	4.52	4.52	-2.81	18.7	0.00
5	0	-0	-954	-0	-157	-0	434	2.26	2.26	4.52	4.52	-2.74	18.2	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	19	-0	-1053	-0	-175	-0	444	2.26	2.26	4.52	4.52	-2.80	18.6	0.00
4	19	-0	-979	-0	-161	-0	408	2.26	2.26	4.52	4.52	-2.57	17.1	0.00
5	19	-0	-954	-0	-157	-0	397	2.26	2.26	4.52	4.52	-2.50	16.6	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	38	-0	-1053	-0	-175	-0	245	2.26	2.26	4.52	4.52	-1.54	10.3	0.00
4	38	-0	-979	-0	-161	-0	223	2.26	2.26	4.52	4.52	-1.41	9.3	0.00
5	38	-0	-954	-0	-157	-0	217	2.26	2.26	4.52	4.52	-1.37	9.1	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	57	-0	-767	-0	-175	-0	100	2.26	2.26	4.52	4.52	-0.63	4.2	0.00
4	57	-0	-713	-0	-161	-0	88	2.26	2.26	4.52	4.52	-0.56	3.7	0.00
5	57	-0	-699	-0	-157	-0	85	2.26	2.26	4.52	4.52	-0.53	3.5	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	76	-0	-767	-0	-175	0	-45	2.26	2.26	4.52	4.52	-0.28	1.9	0.00
4	76	-0	-713	-0	-161	0	-46	2.26	2.26	4.52	4.52	-0.29	1.9	0.00
5	76	-0	-699	-0	-157	0	-47	2.26	2.26	4.52	4.52	-0.30	2.0	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	94	-0	-483	-0	-175	0	-136	2.26	2.26	4.52	4.52	-0.86	5.7	0.00
4	94	-0	-449	-0	-161	0	-131	2.26	2.26	4.52	4.52	-0.83	5.5	0.00
5	94	-0	-447	-0	-157	0	-132	2.26	2.26	4.52	4.52	-0.83	5.5	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	113	-0	-483	-0	-175	0	-227	2.26	2.26	4.52	4.52	-1.43	9.5	0.00
4	113	-0	-449	-0	-161	0	-216	2.26	2.26	4.52	4.52	-1.36	9.0	0.00
5	113	-0	-447	-0	-157	0	-216	2.26	2.26	4.52	4.52	-1.36	9.1	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

Nome travata: **Travi di fondazione02\_IP1**    Descrizione: **Travi di fondazione 6-7-8-9-10**  
**ASTA NUM. 17**    NI 93    NF 94    SEZ.    Rp B= 50.0 H= 40.0    (trave di fondazione)

armatura base = 4 X 1.13      per le armature aggiuntive consultare il tabulato

NC	x	[Fx]	[Fy]	[Fz]	[Mx]	[My]	Mz	[APOST]	[AANT]	AINF	ASUP	Sc	Sf	w
	--													--
	cm	kg			kg*m			cm²				kg/cm²		mm
3	0	-0	-292	-0	-1	0	-169	2.26	2.26	4.52	4.52	-1.06	7.1	0.00
4	0	-0	-271	-0	-1	0	-162	2.26	2.26	4.52	4.52	-1.02	6.8	0.00
5	0	-0	-259	-0	-0	0	-164	2.26	2.26	4.52	4.52	-1.03	6.9	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	19	-0	-292	-0	-1	0	-224	2.26	2.26	4.52	4.52	-1.41	9.4	0.00
4	19	-0	-271	-0	-1	0	-213	2.26	2.26	4.52	4.52	-1.35	8.9	0.00
5	19	-0	-259	-0	-0	0	-213	2.26	2.26	4.52	4.52	-1.34	8.9	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	38	-0	-292	-0	-1	0	-279	2.26	2.26	4.52	4.52	-1.76	11.7	0.00
4	38	-0	-271	-0	-1	0	-264	2.26	2.26	4.52	4.52	-1.67	11.1	0.00
5	38	-0	-259	-0	-0	0	-262	2.26	2.26	4.52	4.52	-1.65	11.0	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	57	-0	-11	-0	-1	0	-281	2.26	2.26	4.52	4.52	-1.77	11.8	0.00
4	57	-0	-9	-0	-1	0	-266	2.26	2.26	4.52	4.52	-1.68	11.2	0.00
5	57	-0	-9	-0	-0	0	-263	2.26	2.26	4.52	4.52	-1.66	11.0	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	76	-0	271	0	-1	0	-283	2.26	2.26	4.52	4.52	-1.79	11.9	0.00
4	76	-0	252	0	-1	0	-268	2.26	2.26	4.52	4.52	-1.69	11.2	0.00
5	76	-0	241	0	-0	0	-265	2.26	2.26	4.52	4.52	-1.67	11.1	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	94	-0	271	0	-1	0	-232	2.26	2.26	4.52	4.52	-1.46	9.7	0.00
4	94	-0	252	0	-1	0	-220	2.26	2.26	4.52	4.52	-1.39	9.2	0.00
5	94	-0	241	0	-0	0	-219	2.26	2.26	4.52	4.52	-1.38	9.2	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	113	-0	271	0	-1	0	-181	2.26	2.26	4.52	4.52	-1.14	7.6	0.00
4	113	-0	252	0	-1	0	-173	2.26	2.26	4.52	4.52	-1.09	7.2	0.00
5	113	-0	241	0	-0	0	-174	2.26	2.26	4.52	4.52	-1.10	7.3	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

Nome travata: **Travi di fondazione02\_IP1**    Descrizione: **Travi di fondazione 6-7-8-9-10**  
**ASTA NUM. 18**      NI 94      NF 7      SEZ. Rp B= 50.0 H= 40.0 (trave di fondazione)

armatura base = 4 X 1.13      per le armature aggiuntive consultare il tabulato

NC	x	[Fx]	[Fy]	[Fz]	[Mx]	[My]	Mz	[APOST]	[AANT]	AINF	ASUP	Sc	Sf	w
	--													--
	cm	kg			kg*m			cm²				kg/cm²		mm
3	0	-0	464	0	172	0	-243	2.26	2.26	4.52	4.52	-1.53	10.2	0.00
4	0	-0	434	0	158	0	-231	2.26	2.26	4.52	4.52	-1.46	9.7	0.00
5	0	-0	433	0	154	0	-231	2.26	2.26	4.52	4.52	-1.46	9.7	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	19	-0	464	0	172	0	-156	2.26	2.26	4.52	4.52	-0.98	6.5	0.00
4	19	-0	434	0	158	0	-149	2.26	2.26	4.52	4.52	-0.94	6.2	0.00
5	19	-0	433	0	154	0	-149	2.26	2.26	4.52	4.52	-0.94	6.3	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	38	-0	747	0	172	0	-68	2.26	2.26	4.52	4.52	-0.43	2.9	0.00
4	38	-0	698	0	158	0	-67	2.26	2.26	4.52	4.52	-0.42	2.8	0.00
5	38	-0	686	0	154	0	-68	2.26	2.26	4.52	4.52	-0.43	2.8	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	57	-0	747	0	172	-0	73	2.26	2.26	4.52	4.52	-0.46	3.1	0.00
4	57	-0	698	0	158	-0	65	2.26	2.26	4.52	4.52	-0.41	2.7	0.00
5	57	-0	686	0	154	-0	62	2.26	2.26	4.52	4.52	-0.39	2.6	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	76	-0	1032	0	172	-0	214	2.26	2.26	4.52	4.52	-1.35	9.0	0.00
4	76	-0	963	0	158	-0	196	2.26	2.26	4.52	4.52	-1.24	8.2	0.00
5	76	-0	940	0	154	-0	192	2.26	2.26	4.52	4.52	-1.21	8.0	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	94	-0	1032	0	172	-0	409	2.26	2.26	4.52	4.52	-2.58	17.1	0.00
4	94	-0	963	0	158	-0	378	2.26	2.26	4.52	4.52	-2.39	15.8	0.00
5	94	-0	940	0	154	-0	369	2.26	2.26	4.52	4.52	-2.33	15.5	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	113	-0	1032	0	172	-0	449	2.26	2.26	4.52	4.52	-2.83	18.8	0.00
4	113	-0	963	0	158	-0	416	2.26	2.26	4.52	4.52	-2.62	17.4	0.00
5	113	-0	940	0	154	-0	406	2.26	2.26	4.52	4.52	-2.56	17.0	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

Nome travata: **Travi di fondazione02\_IP1** Descrizione: **Travi di fondazione 6-7-8-9-10**  
**ASTA NUM. 8** NI 7 NF 103 SEZ. Rp B= 50.0 H= 40.0 (trave di fondazione)

armatura base = 4 X 1.13 per le armature aggiuntive consultare il tabulato

NC	x	[Fx]	[Fy]	[Fz]	[Mx]	[My]	Mz	[APOST]	[AANT]	AINF	ASUP	Sc	Sf	w
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	cm	kg			kg*m			cm²				kg/cm²		mm
3	0	-0	-1090	-0	-176	-0	426	2.26	2.26	4.52	4.52	-2.69	17.9	0.00
4	0	-0	-1011	-0	-161	-0	384	2.26	2.26	4.52	4.52	-2.42	16.1	0.00
5	0	-0	-983	-0	-158	-0	369	2.26	2.26	4.52	4.52	-2.33	15.4	0.00
apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)										
3	19	-0	-1090	-0	-176	-0	384	2.26	2.26	4.52	4.52	-2.42	16.1	0.00
4	19	-0	-1011	-0	-161	-0	345	2.26	2.26	4.52	4.52	-2.18	14.4	0.00
5	19	-0	-983	-0	-158	-0	330	2.26	2.26	4.52	4.52	-2.08	13.8	0.00
apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)										
3	38	-0	-1090	-0	-176	-0	178	2.26	2.26	4.52	4.52	-1.12	7.5	0.00
4	38	-0	-1011	-0	-161	-0	154	2.26	2.26	4.52	4.52	-0.97	6.5	0.00
5	38	-0	-983	-0	-158	-0	145	2.26	2.26	4.52	4.52	-0.91	6.1	0.00
apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)										
3	57	-0	-805	-0	-176	-0	26	2.26	2.26	4.52	4.52	-0.16	1.1	0.00
4	57	-0	-745	-0	-161	-0	13	2.26	2.26	4.52	4.52	-0.08	0.6	0.00
5	57	-0	-728	-0	-158	-0	7	2.26	2.26	4.52	4.52	-0.05	0.3	0.00
apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)										
3	76	-0	-805	-0	-176	0	-126	2.26	2.26	4.52	4.52	-0.80	5.3	0.00
4	76	-0	-745	-0	-161	0	-128	2.26	2.26	4.52	4.52	-0.80	5.3	0.00
5	76	-0	-728	-0	-158	0	-130	2.26	2.26	4.52	4.52	-0.82	5.5	0.00
apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)										
3	94	-0	-522	-0	-176	0	-225	2.26	2.26	4.52	4.52	-1.42	9.4	0.00
4	94	-0	-480	-0	-161	0	-218	2.26	2.26	4.52	4.52	-1.38	9.1	0.00
5	94	-0	-475	-0	-158	0	-220	2.26	2.26	4.52	4.52	-1.39	9.2	0.00
apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)										
3	113	-0	-522	-0	-176	0	-323	2.26	2.26	4.52	4.52	-2.04	13.6	0.00
4	113	-0	-480	-0	-161	0	-309	2.26	2.26	4.52	4.52	-1.95	12.9	0.00
5	113	-0	-475	-0	-158	0	-310	2.26	2.26	4.52	4.52	-1.95	13.0	0.00
apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)										

Nome travata: **Travi di fondazione02\_IP1** Descrizione: **Travi di fondazione 6-7-8-9-10**  
**ASTA NUM. 15** NI 103 NF 104 SEZ. Rp B= 50.0 H= 40.0 (trave di fondazione)

armatura base = 4 X 1.13 per le armature aggiuntive consultare il tabulato

NC	x	[Fx]	[Fy]	[Fz]	[Mx]	[My]	Mz	[APOST]	[AANT]	AINF	ASUP	Sc	Sf	w
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	cm	kg			kg*m			cm²				kg/cm²		mm
3	0	-0	-342	-0	5	0	-267	2.26	2.26	4.52	4.52	-1.68	11.2	0.00
4	0	-0	-314	-0	7	0	-257	2.26	2.26	4.52	4.52	-1.62	10.8	0.00
5	0	-0	-299	-0	7	0	-260	2.26	2.26	4.52	4.52	-1.64	10.9	0.00
apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)										
3	19	-0	-342	-0	5	0	-331	2.26	2.26	4.52	4.52	-2.09	13.9	0.00
4	19	-0	-314	-0	7	0	-317	2.26	2.26	4.52	4.52	-2.00	13.3	0.00
5	19	-0	-299	-0	7	0	-316	2.26	2.26	4.52	4.52	-2.00	13.3	0.00
apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)										
3	38	-0	-342	-0	5	0	-396	2.26	2.26	4.52	4.52	-2.50	16.6	0.00
4	38	-0	-314	-0	7	0	-376	2.26	2.26	4.52	4.52	-2.37	15.8	0.00
5	38	-0	-299	-0	7	0	-373	2.26	2.26	4.52	4.52	-2.35	15.6	0.00
apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)										
3	57	-0	-60	-0	5	0	-407	2.26	2.26	4.52	4.52	-2.57	17.1	0.00
4	57	-0	-50	-0	7	0	-386	2.26	2.26	4.52	4.52	-2.43	16.2	0.00
5	57	-0	-46	-0	7	0	-382	2.26	2.26	4.52	4.52	-2.41	16.0	0.00
apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)										
3	76	-0	223	0	5	0	-419	2.26	2.26	4.52	4.52	-2.64	17.6	0.00
4	76	-0	215	0	7	0	-395	2.26	2.26	4.52	4.52	-2.49	16.6	0.00
5	76	-0	208	0	7	0	-390	2.26	2.26	4.52	4.52	-2.46	16.4	0.00
apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)										
3	94	-0	223	0	5	0	-377	2.26	2.26	4.52	4.52	-2.38	15.8	0.00
4	94	-0	215	0	7	0	-355	2.26	2.26	4.52	4.52	-2.24	14.9	0.00
5	94	-0	208	0	7	0	-351	2.26	2.26	4.52	4.52	-2.21	14.7	0.00
apost= --		aant= --		ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)										
3	113	-0	223	0	5	0	-335	2.26	2.26	4.52	4.52	-2.11	14.0	0.00
4	113	-0	215	0	7	0	-314	2.26	2.26	4.52	4.52	-1.98	13.2	0.00



5 113 -0 208 0 7 0 -312 2.26 2.26 4.52 4.52 -1.97 13.1 0.00

apost= -- aant= -- ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

Nome travata: **Travi di fondazione02\_IP1** Descrizione: **Travi di fondazione 6-7-8-9-10**  
**ASTA NUM. 16** NI 104 NF 6 SEZ. Rp B= 50.0 H= 40.0 (trave di fondazione)

armatura base = 4 X 1.13 per le armature aggiuntive consultare il tabulato

NC	x	[Fx]	[Fy]	[Fz]	[Mx]	[My]	Mz	[APOST]	[AANT]	AINF	ASUP	Sc	Sf	w
	cm	kg			kg*m			cm <sup>2</sup>				kg/cm <sup>2</sup>		mm
3	0	-0	349	0	191	0	-382	2.26	2.26	4.52	4.52	-2.41	16.0	0.00
4	0	-0	339	0	179	0	-359	2.26	2.26	4.52	4.52	-2.26	15.0	0.00
5	0	-0	347	0	174	0	-356	2.26	2.26	4.52	4.52	-2.24	14.9	0.00

apost= -- aant= -- ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	19	-0	349	0	191	0	-316	2.26	2.26	4.52	4.52	-1.99	13.2	0.00
4	19	-0	339	0	179	0	-295	2.26	2.26	4.52	4.52	-1.86	12.4	0.00
5	19	-0	347	0	174	0	-290	2.26	2.26	4.52	4.52	-1.83	12.2	0.00

apost= -- aant= -- ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	38	-0	639	0	191	0	-250	2.26	2.26	4.52	4.52	-1.57	10.5	0.00
4	38	-0	610	0	179	0	-231	2.26	2.26	4.52	4.52	-1.46	9.7	0.00
5	38	-0	608	0	174	0	-225	2.26	2.26	4.52	4.52	-1.42	9.4	0.00

apost= -- aant= -- ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	57	-0	639	0	191	0	-129	2.26	2.26	4.52	4.52	-0.81	5.4	0.00
4	57	-0	610	0	179	0	-116	2.26	2.26	4.52	4.52	-0.73	4.8	0.00
5	57	-0	608	0	174	0	-110	2.26	2.26	4.52	4.52	-0.69	4.6	0.00

apost= -- aant= -- ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	76	-0	932	0	191	0	-8	2.26	2.26	4.52	4.52	-0.05	0.3	0.00
4	76	-0	885	0	179	-0	-0	2.26	2.26	4.52	4.52	-0.00	0.0	0.00
5	76	-0	873	0	174	-0	5	2.26	2.26	4.52	4.52	-0.03	0.2	0.00

apost= -- aant= -- ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	94	-0	932	0	191	-0	168	2.26	2.26	4.52	4.52	-1.06	7.0	0.00
4	94	-0	885	0	179	-0	167	2.26	2.26	4.52	4.52	-1.05	7.0	0.00
5	94	-0	873	0	174	-0	170	2.26	2.26	4.52	4.52	-1.07	7.1	0.00

apost= -- aant= -- ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	113	-0	932	0	191	-0	204	2.26	2.26	4.52	4.52	-1.29	8.6	0.00
4	113	-0	885	0	179	-0	201	2.26	2.26	4.52	4.52	-1.27	8.4	0.00
5	113	-0	873	0	174	-0	204	2.26	2.26	4.52	4.52	-1.28	8.5	0.00

apost= -- aant= -- ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

Nome travata: **Travi di fondazione03\_IP1** Descrizione: **Travi di fondazione 1-6**  
**ASTA NUM. 9** NI 1 NF 76 SEZ. Rp B= 50.0 H= 40.0 (trave di fondazione)

armatura base = 4 X 1.13 per le armature aggiuntive consultare il tabulato

NC	x	[Fx]	[Fy]	[Fz]	[Mx]	[My]	Mz	[APOST]	[AANT]	AINF	ASUP	Sc	Sf	w
	cm	kg			kg*m			cm <sup>2</sup>				kg/cm <sup>2</sup>		mm
3	0	-0	-693	0	-110	0	-16	2.26	2.26	4.52	4.52	-0.10	0.7	0.00
4	0	-0	-653	0	-100	0	-12	2.26	2.26	4.52	4.52	-0.08	0.5	0.00
5	0	-0	-638	0	-94	0	-14	2.26	2.26	4.52	4.52	-0.09	0.6	0.00

apost= -- aant= -- ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	17	-0	-693	0	-110	0	-132	2.26	2.26	4.52	4.52	-0.83	5.5	0.00
4	17	-0	-653	0	-100	0	-121	2.26	2.26	4.52	4.52	-0.76	5.1	0.00
5	17	-0	-638	0	-94	0	-121	2.26	2.26	4.52	4.52	-0.76	5.1	0.00

apost= -- aant= -- ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	33	-0	-693	0	-110	0	-247	2.26	2.26	4.52	4.52	-1.56	10.4	0.00
4	33	-0	-653	0	-100	0	-230	2.26	2.26	4.52	4.52	-1.45	9.6	0.00
5	33	-0	-638	0	-94	0	-227	2.26	2.26	4.52	4.52	-1.43	9.5	0.00

apost= -- aant= -- ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	50	-0	-434	0	-110	0	-319	2.26	2.26	4.52	4.52	-2.02	13.4	0.00
4	50	-0	-410	0	-100	0	-298	2.26	2.26	4.52	4.52	-1.88	12.5	0.00
5	50	-0	-404	0	-94	0	-294	2.26	2.26	4.52	4.52	-1.86	12.3	0.00

apost= -- aant= -- ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	67	-0	-434	0	-110	0	-392	2.26	2.26	4.52	4.52	-2.47	16.4	0.00
4	67	-0	-410	0	-100	0	-366	2.26	2.26	4.52	4.52	-2.31	15.3	0.00
5	67	-0	-404	0	-94	0	-362	2.26	2.26	4.52	4.52	-2.28	15.2	0.00

apost= -- aant= -- ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	83	-0	-178	0	-110	0	-421	2.26	2.26	4.52	4.52	-2.66	17.7	0.00
4	83	-0	-169	0	-100	0	-395	2.26	2.26	4.52	4.52	-2.49	16.5	0.00
5	83	-0	-172	0	-94	0	-390	2.26	2.26	4.52	4.52	-2.46	16.4	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	100	-0	-178	0	-110	0	-451	2.26	2.26	4.52	4.52	-2.85	18.9	0.00
4	100	-0	-169	0	-100	0	-423	2.26	2.26	4.52	4.52	-2.67	17.7	0.00
5	100	-0	-172	0	-94	0	-419	2.26	2.26	4.52	4.52	-2.64	17.6	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

Nome travata: **Travi di fondazione03\_IP1**    Descrizione: **Travi di fondazione 1-6**  
**ASTA NUM. 13**      NI 76      NF 75      SEZ.    Rp B= 50.0    H= 40.0    (trave di fondazione)

armatura base = 4 X 1.13      per le armature aggiuntive consultare il tabulato

NC	x	[Fx]	[Fy]	[Fz]	[Mx]	[My]	Mz	[APOST]	[AANT]	AINF	ASUP	Sc	Sf	w
	cm	kg			kg*m			cm <sup>2</sup>				kg/cm <sup>2</sup>		mm
3	0	-0	-253	0	0	0	-461	2.26	2.26	4.52	4.52	-2.91	19.3	0.00
4	0	-0	-237	0	0	0	-433	2.26	2.26	4.52	4.52	-2.73	18.2	0.00
5	0	-0	-229	0	0	0	-430	2.26	2.26	4.52	4.52	-2.72	18.0	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	17	-0	-253	0	0	0	-504	2.26	2.26	4.52	4.52	-3.18	21.1	0.00
4	17	-0	-237	0	0	0	-473	2.26	2.26	4.52	4.52	-2.98	19.8	0.00
5	17	-0	-229	0	0	0	-469	2.26	2.26	4.52	4.52	-2.96	19.6	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	33	-0	-253	0	0	0	-546	2.26	2.26	4.52	4.52	-3.44	22.9	0.00
4	33	-0	-237	0	0	0	-512	2.26	2.26	4.52	4.52	-3.23	21.5	0.00
5	33	-0	-229	0	0	0	-507	2.26	2.26	4.52	4.52	-3.20	21.2	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	50	-0	-0	0	0	0	-546	2.26	2.26	4.52	4.52	-3.44	22.9	0.00
4	50	-0	-0	0	0	0	-512	2.26	2.26	4.52	4.52	-3.23	21.5	0.00
5	50	-0	-0	0	0	0	-507	2.26	2.26	4.52	4.52	-3.20	21.2	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	67	-0	253	0	0	0	-546	2.26	2.26	4.52	4.52	-3.44	22.9	0.00
4	67	-0	237	0	0	0	-512	2.26	2.26	4.52	4.52	-3.23	21.5	0.00
5	67	-0	229	0	0	0	-507	2.26	2.26	4.52	4.52	-3.20	21.2	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	83	-0	253	0	0	0	-504	2.26	2.26	4.52	4.52	-3.18	21.1	0.00
4	83	-0	237	0	0	0	-473	2.26	2.26	4.52	4.52	-2.98	19.8	0.00
5	83	-0	229	0	0	0	-469	2.26	2.26	4.52	4.52	-2.96	19.6	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	100	-0	253	0	0	0	-461	2.26	2.26	4.52	4.52	-2.91	19.3	0.00
4	100	-0	237	0	0	0	-433	2.26	2.26	4.52	4.52	-2.73	18.2	0.00
5	100	-0	229	0	0	0	-430	2.26	2.26	4.52	4.52	-2.72	18.0	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

Nome travata: **Travi di fondazione03\_IP1**    Descrizione: **Travi di fondazione 1-6**  
**ASTA NUM. 14**      NI 75      NF 10      SEZ.    Rp B= 50.0    H= 40.0    (trave di fondazione)

armatura base = 4 X 1.13      per le armature aggiuntive consultare il tabulato

NC	x	[Fx]	[Fy]	[Fz]	[Mx]	[My]	Mz	[APOST]	[AANT]	AINF	ASUP	Sc	Sf	w
--	--	-----			-----			-----				-----		--
	cm	kg			kg*m			cm <sup>2</sup>				kg/cm <sup>2</sup>		mm
-----														
3	0	-0	178	0	110	0	-451	2.26	2.26	4.52	4.52	-2.85	18.9	0.00
4	0	-0	169	0	100	0	-423	2.26	2.26	4.52	4.52	-2.67	17.7	0.00
5	0	-0	172	0	94	0	-419	2.26	2.26	4.52	4.52	-2.64	17.6	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	17	-0	178	0	110	0	-421	2.26	2.26	4.52	4.52	-2.66	17.7	0.00
4	17	-0	169	0	100	0	-395	2.26	2.26	4.52	4.52	-2.49	16.5	0.00
5	17	-0	172	0	94	0	-390	2.26	2.26	4.52	4.52	-2.46	16.4	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	33	-0	434	0	110	0	-392	2.26	2.26	4.52	4.52	-2.47	16.4	0.00
4	33	-0	410	0	100	0	-366	2.26	2.26	4.52	4.52	-2.31	15.3	0.00
5	33	-0	404	0	94	0	-362	2.26	2.26	4.52	4.52	-2.28	15.2	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	50	-0	434	0	110	0	-319	2.26	2.26	4.52	4.52	-2.02	13.4	0.00
4	50	-0	410	0	100	0	-298	2.26	2.26	4.52	4.52	-1.88	12.5	0.00
5	50	-0	404	0	94	0	-294	2.26	2.26	4.52	4.52	-1.86	12.3	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	67	-0	693	0	110	0	-247	2.26	2.26	4.52	4.52	-1.56	10.4	0.00
4	67	-0	653	0	100	0	-230	2.26	2.26	4.52	4.52	-1.45	9.6	0.00
5	67	-0	638	0	94	0	-227	2.26	2.26	4.52	4.52	-1.43	9.5	0.00

apost= --      aant= --      ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	83	-0	693	0	110	0	-132	2.26	2.26	4.52	4.52	-0.83	5.5	0.00
4	83	-0	653	0	100	0	-121	2.26	2.26	4.52	4.52	-0.76	5.1	0.00
5	83	-0	638	0	94	0	-121	2.26	2.26	4.52	4.52	-0.76	5.1	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	100	-0	693	0	110	0	-16	2.26	2.26	4.52	4.52	-0.10	0.7	0.00
4	100	-0	653	0	100	0	-12	2.26	2.26	4.52	4.52	-0.08	0.5	0.00
5	100	-0	638	0	94	0	-14	2.26	2.26	4.52	4.52	-0.09	0.6	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

Nome travata: **Travi di fondazione04\_IP1**    Descrizione: **Travi di fondazione 5-10**  
**ASTA NUM. 10**        NI 5        NF 106        SEZ.    Rp    B= 50.0    H= 40.0    (trave di fondazione)

armatura base = 4 X 1.13        per le armature aggiuntive consultare il tabulato

NC	x	[Fx]	[Fy]	[Fz]	[Mx]	[My]	Mz	[APOST]	[AANT]	AINF	ASUP	Sc	Sf	w
-----		-----		-----		-----		-----		-----		-----		-----
cm		kg		kg*m		kg*m		cm <sup>2</sup>		cm <sup>2</sup>		kg/cm <sup>2</sup>		mm
-----														

3	0	-0	-694	0	110	-0	-16	2.26	2.26	4.52	4.52	-0.10	0.7	0.00
4	0	-0	-653	0	100	-0	-12	2.26	2.26	4.52	4.52	-0.08	0.5	0.00
5	0	-0	-638	0	94	-0	-14	2.26	2.26	4.52	4.52	-0.09	0.6	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	17	-0	-694	0	110	-0	-132	2.26	2.26	4.52	4.52	-0.83	5.5	0.00
4	17	-0	-653	0	100	-0	-121	2.26	2.26	4.52	4.52	-0.76	5.1	0.00
5	17	-0	-638	0	94	-0	-121	2.26	2.26	4.52	4.52	-0.76	5.1	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	33	-0	-694	0	110	-0	-247	2.26	2.26	4.52	4.52	-1.56	10.4	0.00
4	33	-0	-653	0	100	-0	-230	2.26	2.26	4.52	4.52	-1.45	9.6	0.00
5	33	-0	-638	0	94	-0	-227	2.26	2.26	4.52	4.52	-1.43	9.5	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	50	-0	-434	0	110	-0	-319	2.26	2.26	4.52	4.52	-2.02	13.4	0.00
4	50	-0	-410	0	100	-0	-298	2.26	2.26	4.52	4.52	-1.88	12.5	0.00
5	50	-0	-404	0	94	-0	-294	2.26	2.26	4.52	4.52	-1.86	12.3	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	67	-0	-434	0	110	-0	-392	2.26	2.26	4.52	4.52	-2.47	16.4	0.00
4	67	-0	-410	0	100	-0	-366	2.26	2.26	4.52	4.52	-2.31	15.3	0.00
5	67	-0	-404	0	94	-0	-362	2.26	2.26	4.52	4.52	-2.28	15.2	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	83	-0	-178	0	110	-0	-421	2.26	2.26	4.52	4.52	-2.66	17.7	0.00
4	83	-0	-169	0	100	-0	-395	2.26	2.26	4.52	4.52	-2.49	16.5	0.00
5	83	-0	-172	0	94	-0	-390	2.26	2.26	4.52	4.52	-2.46	16.4	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	100	-0	-178	0	110	-0	-451	2.26	2.26	4.52	4.52	-2.85	18.9	0.00
4	100	-0	-169	0	100	-0	-423	2.26	2.26	4.52	4.52	-2.67	17.7	0.00
5	100	-0	-172	0	94	-0	-419	2.26	2.26	4.52	4.52	-2.64	17.6	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

Nome travata: **Travi di fondazione04\_IP1**    Descrizione: **Travi di fondazione 5-10**  
**ASTA NUM. 11**        NI 106        NF 105        SEZ.    Rp    B= 50.0    H= 40.0    (trave di fondazione)

armatura base = 4 X 1.13        per le armature aggiuntive consultare il tabulato

NC	x	[Fx]	[Fy]	[Fz]	[Mx]	[My]	Mz	[APOST]	[AANT]	AINF	ASUP	Sc	Sf	w
-----		-----		-----		-----		-----		-----		-----		-----
cm		kg		kg*m		kg*m		cm <sup>2</sup>		cm <sup>2</sup>		kg/cm <sup>2</sup>		mm
-----														

3	0	-0	-253	0	-0	-0	-461	2.26	2.26	4.52	4.52	-2.91	19.3	0.00
4	0	-0	-237	0	-0	-0	-433	2.26	2.26	4.52	4.52	-2.73	18.2	0.00
5	0	-0	-229	0	-0	-0	-430	2.26	2.26	4.52	4.52	-2.72	18.0	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	17	-0	-253	0	-0	-0	-504	2.26	2.26	4.52	4.52	-3.18	21.1	0.00
4	17	-0	-237	0	-0	-0	-473	2.26	2.26	4.52	4.52	-2.98	19.8	0.00
5	17	-0	-229	0	-0	-0	-469	2.26	2.26	4.52	4.52	-2.96	19.6	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	33	-0	-253	0	-0	-0	-546	2.26	2.26	4.52	4.52	-3.44	22.9	0.00
4	33	-0	-237	0	-0	-0	-512	2.26	2.26	4.52	4.52	-3.23	21.5	0.00
5	33	-0	-229	0	-0	-0	-507	2.26	2.26	4.52	4.52	-3.20	21.2	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	50	-0	-0	0	-0	-0	-546	2.26	2.26	4.52	4.52	-3.44	22.9	0.00
4	50	-0	-0	0	-0	-0	-512	2.26	2.26	4.52	4.52	-3.23	21.5	0.00
5	50	-0	-0	0	-0	-0	-507	2.26	2.26	4.52	4.52	-3.20	21.2	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3	67	-0	253	-0	-0	-0	-546	2.26	2.26	4.52	4.52	-3.44	22.9	0.00
4	67	-0	237	-0	-0	-0	-512	2.26	2.26	4.52	4.52	-3.23	21.5	0.00

5      67            -0            229            -0            -0            -0            -507            2.26    2.26    4.52    4.52            -3.20            21.2            0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3      83            -0            253            -0            -0            -0            -504            2.26    2.26    4.52    4.52            -3.18            21.1            0.00  
4      83            -0            237            -0            -0            -0            -473            2.26    2.26    4.52    4.52            -2.98            19.8            0.00  
5      83            -0            229            -0            -0            -0            -469            2.26    2.26    4.52    4.52            -2.96            19.6            0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3      100            -0            253            -0            -0            -0            -461            2.26    2.26    4.52    4.52            -2.91            19.3            0.00  
4      100            -0            237            -0            -0            -0            -433            2.26    2.26    4.52    4.52            -2.73            18.2            0.00  
5      100            -0            229            -0            -0            -0            -430            2.26    2.26    4.52    4.52            -2.72            18.0            0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

Nome travata: **Travi di fondazione04\_IP1**    Descrizione: **Travi di fondazione 5-10**  
**ASTA NUM. 12**    NI 105    NF 6    SEZ.    Rp    B= 50.0    H= 40.0    (trave di fondazione)

armatura base = 4 X 1.13            per le armature aggiuntive consultare il tabulato

NC	x	[Fx]	[Fy]	[Fz]	[Mx]	[My]	Mz	[APOST]	[AANT]	AINF	ASUP	Sc	Sf	w
--	--													--
	cm		kg			kg*m				cm <sup>2</sup>		kg/cm <sup>2</sup>		mm
3	0	-0	178	-0	-110	-0	-451	2.26	2.26	4.52	4.52	-2.85	18.9	0.00
4	0	-0	169	-0	-100	-0	-423	2.26	2.26	4.52	4.52	-2.67	17.7	0.00
5	0	-0	172	-0	-94	-0	-419	2.26	2.26	4.52	4.52	-2.64	17.6	0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3      17            -0            178            -0            -110            -0            -421            2.26    2.26    4.52    4.52            -2.66            17.7            0.00  
4      17            -0            169            -0            -100            -0            -395            2.26    2.26    4.52    4.52            -2.49            16.5            0.00  
5      17            -0            172            -0            -94            -0            -390            2.26    2.26    4.52    4.52            -2.46            16.4            0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3      33            -0            434            -0            -110            -0            -392            2.26    2.26    4.52    4.52            -2.47            16.4            0.00  
4      33            -0            410            -0            -100            -0            -366            2.26    2.26    4.52    4.52            -2.31            15.3            0.00  
5      33            -0            404            -0            -94            -0            -362            2.26    2.26    4.52    4.52            -2.28            15.2            0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3      50            -0            434            -0            -110            -0            -319            2.26    2.26    4.52    4.52            -2.02            13.4            0.00  
4      50            -0            410            -0            -100            -0            -298            2.26    2.26    4.52    4.52            -1.88            12.5            0.00  
5      50            -0            404            -0            -94            -0            -294            2.26    2.26    4.52    4.52            -1.86            12.3            0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3      67            -0            694            -0            -110            -0            -247            2.26    2.26    4.52    4.52            -1.56            10.4            0.00  
4      67            -0            653            -0            -100            -0            -230            2.26    2.26    4.52    4.52            -1.45            9.6            0.00  
5      67            -0            638            -0            -94            -0            -227            2.26    2.26    4.52    4.52            -1.43            9.5            0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3      83            -0            694            -0            -110            -0            -132            2.26    2.26    4.52    4.52            -0.83            5.5            0.00  
4      83            -0            653            -0            -100            -0            -121            2.26    2.26    4.52    4.52            -0.76            5.1            0.00  
5      83            -0            638            -0            -94            -0            -121            2.26    2.26    4.52    4.52            -0.76            5.1            0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

3      100            -0            694            -0            -110            -0            -16            2.26    2.26    4.52    4.52            -0.10            0.7            0.00  
4      100            -0            653            -0            -100            -0            -12            2.26    2.26    4.52    4.52            -0.08            0.5            0.00  
5      100            -0            638            -0            -94            -0            -14            2.26    2.26    4.52    4.52            -0.09            0.6            0.00

apost= --            aant= --            ainf= 2.26 asup= 2.26 (e arm. base= 4 X 1.13)

L E G E N D A

Prima asta	Ultima asta	Nome disegno	Descrizione disegno
1	24	Travi di fondazione01_IP1.ARM	Travi di fondazione 1-2-3-4-5
5	16	Travi di fondazione02_IP1.ARM	Travi di fondazione 6-7-8-9-10
9	14	Travi di fondazione03_IP1.ARM	Travi di fondazione 1-6
10	12	Travi di fondazione04_IP1.ARM	Travi di fondazione 5-10

Lavoro: **Strutturale**  
Elem.: **GUSCIO (piastra)**  
Descrizione:  
Rck: **350.00** kg/cmq  
Coeff. di partecipazione  
dxx base sup.: **12** mm  
dyy base sup.: **12** mm  
Orientamento armature: **rif.\_globale**

Intestazione lavoro: **Strutturale SLV**  
Gruppo: **1**  
**Platea**  
fyk: **4580.0** kg/cmq  
Mxy: **0.50**  
dxx base inf.: **12** mm  
dyy base inf.: **12** mm

Tabella: **Tabella gusci**  
**Copriferro sup.: 3.0** cm  
Copriferro inf.: **3.0** cm  
Coeff. di partecipazione Sxy: **0.50**  
pxx agg.: **20** mm  
pyy agg.: **20** mm  
Angolo di posa delle armature: **0.00** gradi

La armature aggiuntive, riferite al proprio passo, vanno aggiunte all'armatura di base: vedere riga riassuntiva

El. comb.		Nxx	Mxx	Nyy	Myy	Vz	Axx inf.	Axx sup.	Ayy inf.	Ayy sup.	Indice di resistenza		
		---	---	---	---	--							
		kg/20 cm	kg*m/20 cm	kg/20 cm	kg*m/20 cm	kg/m	cmq /20 cm		cmq /20 cm		N, M	txy	Vz/Vrd1
1	1A	0	-374	0	-239	671	1.13	1.13	1.13	1.13	0.23	0.00	0.04
1	1B	0	-374	0	-239	671	1.13	1.13	1.13	1.13	0.23	0.00	0.04
1	1C	0	251	0	19	1052	1.13	1.13	1.13	1.13	0.16	0.00	0.07
1	1D	0	251	0	19	1052	1.13	1.13	1.13	1.13	0.16	0.00	0.07
1	1I	0	-372	0	-372	506	1.13	1.13	1.13	1.13	0.23	0.00	0.03
1	1J	0	-372	0	-372	506	1.13	1.13	1.13	1.13	0.23	0.00	0.03
1	1K	0	250	0	153	946	1.13	1.13	1.13	1.13	0.16	0.00	0.06
1	1L	0	250	0	153	946	1.13	1.13	1.13	1.13	0.16	0.00	0.06
1	2	0	-91	0	-155	1250	1.13	1.13	1.13	1.13	0.10	0.00	0.08
1	7	0	-72	0	-119	956	1.13	1.13	1.13	1.13	0.07	0.00	0.06
Spess.= 40.0 cm		Axxinf= --		Axxsup= --		Ayyinf= --		Ayysup= --		(e arm. base nelle due direz.)			
2	1A	0	-302	0	-130	244	1.13	1.13	1.13	1.13	0.19	0.00	0.02
2	1B	0	-302	0	-130	244	1.13	1.13	1.13	1.13	0.19	0.00	0.02
2	1C	0	51	0	-11	44	1.13	1.13	1.13	1.13	0.03	0.00	0.00
2	1D	0	51	0	-11	44	1.13	1.13	1.13	1.13	0.03	0.00	0.00
2	1I	0	-261	0	-168	523	1.13	1.13	1.13	1.13	0.16	0.00	0.03
2	1J	0	-261	0	-168	523	1.13	1.13	1.13	1.13	0.16	0.00	0.03
2	1K	0	9	0	27	189	1.13	1.13	1.13	1.13	0.02	0.00	0.01
2	1L	0	9	0	27	189	1.13	1.13	1.13	1.13	0.02	0.00	0.01
2	2	0	-172	0	-95	358	1.13	1.13	1.13	1.13	0.11	0.00	0.02
2	7	0	-131	0	-72	261	1.13	1.13	1.13	1.13	0.08	0.00	0.02
Spess.= 40.0 cm		Axxinf= --		Axxsup= --		Ayyinf= --		Ayysup= --		(e arm. base nelle due direz.)			
3	1A	0	-250	0	-289	797	1.13	1.13	1.13	1.13	0.18	0.00	0.05
3	1B	0	-250	0	-289	797	1.13	1.13	1.13	1.13	0.18	0.00	0.05
3	1C	0	204	0	85	1495	1.13	1.13	1.13	1.13	0.13	0.00	0.09
3	1D	0	204	0	85	1495	1.13	1.13	1.13	1.13	0.13	0.00	0.09
3	1I	0	-215	0	-369	851	1.13	1.13	1.13	1.13	0.23	0.00	0.05
3	1J	0	-215	0	-369	851	1.13	1.13	1.13	1.13	0.23	0.00	0.05
3	1K	0	169	0	165	1302	1.13	1.13	1.13	1.13	0.10	0.00	0.08
3	1L	0	169	0	165	1302	1.13	1.13	1.13	1.13	0.10	0.00	0.08
3	2	0	40	0	-143	1690	1.13	1.13	1.13	1.13	0.09	0.00	0.10
3	7	0	34	0	-109	1314	1.13	1.13	1.13	1.13	0.07	0.00	0.08
Spess.= 40.0 cm		Axxinf= --		Axxsup= --		Ayyinf= --		Ayysup= --		(e arm. base nelle due direz.)			
4	1A	0	-201	0	-253	241	1.13	1.13	1.13	1.13	0.16	0.00	0.01
4	1B	0	-201	0	-253	241	1.13	1.13	1.13	1.13	0.16	0.00	0.01
4	1C	0	116	0	-75	104	1.13	1.13	1.13	1.13	0.07	0.00	0.01
4	1D	0	116	0	-75	104	1.13	1.13	1.13	1.13	0.07	0.00	0.01
4	1I	0	-131	0	-292	669	1.13	1.13	1.13	1.13	0.18	0.00	0.04
4	1J	0	-131	0	-292	669	1.13	1.13	1.13	1.13	0.18	0.00	0.04
4	1K	0	46	0	-37	344	1.13	1.13	1.13	1.13	0.03	0.00	0.02
4	1L	0	46	0	-37	344	1.13	1.13	1.13	1.13	0.03	0.00	0.02
4	2	0	-60	0	-227	530	1.13	1.13	1.13	1.13	0.14	0.00	0.03
4	7	0	-46	0	-174	404	1.13	1.13	1.13	1.13	0.11	0.00	0.03
Spess.= 40.0 cm		Axxinf= --		Axxsup= --		Ayyinf= --		Ayysup= --		(e arm. base nelle due direz.)			
5	1A	0	-224	0	-195	322	1.13	1.13	1.13	1.13	0.14	0.00	0.02
5	1B	0	-224	0	-195	322	1.13	1.13	1.13	1.13	0.14	0.00	0.02
5	1C	0	6	0	-77	32	1.13	1.13	1.13	1.13	0.05	0.00	0.00
5	1D	0	6	0	-77	32	1.13	1.13	1.13	1.13	0.05	0.00	0.00
5	1I	0	-175	0	-215	357	1.13	1.13	1.13	1.13	0.13	0.00	0.02
5	1J	0	-175	0	-215	357	1.13	1.13	1.13	1.13	0.13	0.00	0.02
5	1K	0	-43	0	-57	147	1.13	1.13	1.13	1.13	0.04	0.00	0.01
5	1L	0	-43	0	-57	147	1.13	1.13	1.13	1.13	0.04	0.00	0.01
5	2	0	-147	0	-185	198	1.13	1.13	1.13	1.13	0.12	0.00	0.01
5	7	0	-112	0	-140	164	1.13	1.13	1.13	1.13	0.09	0.00	0.01
Spess.= 40.0 cm		Axxinf= --		Axxsup= --		Ayyinf= --		Ayysup= --		(e arm. base nelle due direz.)			
6	1A	0	-106	0	-203	16	1.13	1.13	1.13	1.13	0.13	0.00	0.00
6	1B	0	-106	0	-203	16	1.13	1.13	1.13	1.13	0.13	0.00	0.00
6	1C	0	68	0	-88	517	1.13	1.13	1.13	1.13	0.05	0.00	0.03
6	1D	0	68	0	-88	517	1.13	1.13	1.13	1.13	0.05	0.00	0.03
6	1I	0	-76	0	-241	157	1.13	1.13	1.13	1.13	0.15	0.00	0.01
6	1J	0	-76	0	-241	157	1.13	1.13	1.13	1.13	0.15	0.00	0.01
6	1K	0	38	0	-50	164	1.13	1.13	1.13	1.13	0.03	0.00	0.01
6	1L	0	38	0	-50	164	1.13	1.13	1.13	1.13	0.03	0.00	0.01
6	2	0	-15	0	-199	799	1.13	1.13	1.13	1.13	0.12	0.00	0.05
6	7	0	-8	0	-151	620	1.13	1.13	1.13	1.13	0.09	0.00	0.04
Spess.= 40.0 cm		Axxinf= --		Axxsup= --		Ayyinf= --		Ayysup= --		(e arm. base nelle due direz.)			
7	1A	0	-374	0	-239	671	1.13	1.13	1.13	1.13	0.23	0.00	0.04
7	1B	0	-374	0	-239	671	1.13	1.13	1.13	1.13	0.23	0.00	0.04
7	1C	0	251	0	19	1052	1.13	1.13	1.13	1.13	0.16	0.00	0.07
7	1D	0	251	0	19	1052	1.13	1.13	1.13	1.13	0.16	0.00	0.07
7	1I	0	-372	0	-372	506	1.13	1.13	1.13	1.13	0.23	0.00	0.03

7	1J	0	-372	0	-372	506	1.13	1.13	1.13	1.13	0.23	0.00	0.03
7	1K	0	250	0	153	946	1.13	1.13	1.13	1.13	0.16	0.00	0.06
7	1L	0	250	0	153	946	1.13	1.13	1.13	1.13	0.16	0.00	0.06
7	2	0	-91	0	-155	1250	1.13	1.13	1.13	1.13	0.10	0.00	0.08
7	7	0	-72	0	-119	956	1.13	1.13	1.13	1.13	0.07	0.00	0.06
Spess.= 40.0 cm Axxinf= -- Axxsup= -- Ayyinf= -- Ayysup= -- (e arm. base nelle due direz.)													
8	1A	0	-302	0	-130	244	1.13	1.13	1.13	1.13	0.19	0.00	0.02
8	1B	0	-302	0	-130	244	1.13	1.13	1.13	1.13	0.19	0.00	0.02
8	1C	0	51	0	-11	44	1.13	1.13	1.13	1.13	0.03	0.00	0.00
8	1D	0	51	0	-11	44	1.13	1.13	1.13	1.13	0.03	0.00	0.00
8	1I	0	-261	0	-168	523	1.13	1.13	1.13	1.13	0.16	0.00	0.03
8	1J	0	-261	0	-168	523	1.13	1.13	1.13	1.13	0.16	0.00	0.03
8	1K	0	9	0	27	189	1.13	1.13	1.13	1.13	0.02	0.00	0.01
8	1L	0	9	0	27	189	1.13	1.13	1.13	1.13	0.02	0.00	0.01
8	2	0	-172	0	-95	358	1.13	1.13	1.13	1.13	0.11	0.00	0.02
8	7	0	-131	0	-72	261	1.13	1.13	1.13	1.13	0.08	0.00	0.02
Spess.= 40.0 cm Axxinf= -- Axxsup= -- Ayyinf= -- Ayysup= -- (e arm. base nelle due direz.)													
9	1A	0	-250	0	-289	797	1.13	1.13	1.13	1.13	0.18	0.00	0.05
9	1B	0	-250	0	-289	797	1.13	1.13	1.13	1.13	0.18	0.00	0.05
9	1C	0	204	0	85	1495	1.13	1.13	1.13	1.13	0.13	0.00	0.09
9	1D	0	204	0	85	1495	1.13	1.13	1.13	1.13	0.13	0.00	0.09
9	1I	0	-215	0	-369	851	1.13	1.13	1.13	1.13	0.23	0.00	0.05
9	1J	0	-215	0	-369	851	1.13	1.13	1.13	1.13	0.23	0.00	0.05
9	1K	0	169	0	165	1302	1.13	1.13	1.13	1.13	0.10	0.00	0.08
9	1L	0	169	0	165	1302	1.13	1.13	1.13	1.13	0.10	0.00	0.08
9	2	0	40	0	-143	1690	1.13	1.13	1.13	1.13	0.09	0.00	0.10
9	7	0	34	0	-109	1314	1.13	1.13	1.13	1.13	0.07	0.00	0.08
Spess.= 40.0 cm Axxinf= -- Axxsup= -- Ayyinf= -- Ayysup= -- (e arm. base nelle due direz.)													
10	1A	0	-374	0	-239	671	1.13	1.13	1.13	1.13	0.23	0.00	0.04
10	1B	0	-374	0	-239	671	1.13	1.13	1.13	1.13	0.23	0.00	0.04
10	1C	0	251	0	19	1052	1.13	1.13	1.13	1.13	0.16	0.00	0.07
10	1D	0	251	0	19	1052	1.13	1.13	1.13	1.13	0.16	0.00	0.07
10	1I	0	-372	0	-372	506	1.13	1.13	1.13	1.13	0.23	0.00	0.03
10	1J	0	-372	0	-372	506	1.13	1.13	1.13	1.13	0.23	0.00	0.03
10	1K	0	250	0	153	946	1.13	1.13	1.13	1.13	0.16	0.00	0.06
10	1L	0	250	0	153	946	1.13	1.13	1.13	1.13	0.16	0.00	0.06
10	2	0	-91	0	-155	1250	1.13	1.13	1.13	1.13	0.10	0.00	0.08
10	7	0	-72	0	-119	956	1.13	1.13	1.13	1.13	0.07	0.00	0.06
Spess.= 40.0 cm Axxinf= -- Axxsup= -- Ayyinf= -- Ayysup= -- (e arm. base nelle due direz.)													
11	1A	0	-302	0	-130	244	1.13	1.13	1.13	1.13	0.19	0.00	0.02
11	1B	0	-302	0	-130	244	1.13	1.13	1.13	1.13	0.19	0.00	0.02
11	1C	0	51	0	-11	44	1.13	1.13	1.13	1.13	0.03	0.00	0.00
11	1D	0	51	0	-11	44	1.13	1.13	1.13	1.13	0.03	0.00	0.00
11	1I	0	-261	0	-168	523	1.13	1.13	1.13	1.13	0.16	0.00	0.03
11	1J	0	-261	0	-168	523	1.13	1.13	1.13	1.13	0.16	0.00	0.03
11	1K	0	9	0	27	189	1.13	1.13	1.13	1.13	0.02	0.00	0.01
11	1L	0	9	0	27	189	1.13	1.13	1.13	1.13	0.02	0.00	0.01
11	2	0	-172	0	-95	358	1.13	1.13	1.13	1.13	0.11	0.00	0.02
11	7	0	-131	0	-72	261	1.13	1.13	1.13	1.13	0.08	0.00	0.02
Spess.= 40.0 cm Axxinf= -- Axxsup= -- Ayyinf= -- Ayysup= -- (e arm. base nelle due direz.)													
12	1A	0	-250	0	-289	797	1.13	1.13	1.13	1.13	0.18	0.00	0.05
12	1B	0	-250	0	-289	797	1.13	1.13	1.13	1.13	0.18	0.00	0.05
12	1C	0	204	0	85	1495	1.13	1.13	1.13	1.13	0.13	0.00	0.09
12	1D	0	204	0	85	1495	1.13	1.13	1.13	1.13	0.13	0.00	0.09
12	1I	0	-215	0	-369	851	1.13	1.13	1.13	1.13	0.23	0.00	0.05
12	1J	0	-215	0	-369	851	1.13	1.13	1.13	1.13	0.23	0.00	0.05
12	1K	0	169	0	165	1302	1.13	1.13	1.13	1.13	0.10	0.00	0.08
12	1L	0	169	0	165	1302	1.13	1.13	1.13	1.13	0.10	0.00	0.08
12	2	0	40	0	-143	1690	1.13	1.13	1.13	1.13	0.09	0.00	0.10
12	7	0	34	0	-109	1314	1.13	1.13	1.13	1.13	0.07	0.00	0.08
Spess.= 40.0 cm Axxinf= -- Axxsup= -- Ayyinf= -- Ayysup= -- (e arm. base nelle due direz.)													
13	1A	0	-201	0	-253	241	1.13	1.13	1.13	1.13	0.16	0.00	0.01
13	1B	0	-201	0	-253	241	1.13	1.13	1.13	1.13	0.16	0.00	0.01
13	1C	0	116	0	-75	104	1.13	1.13	1.13	1.13	0.07	0.00	0.01
13	1D	0	116	0	-75	104	1.13	1.13	1.13	1.13	0.07	0.00	0.01
13	1I	0	-131	0	-292	669	1.13	1.13	1.13	1.13	0.18	0.00	0.04
13	1J	0	-131	0	-292	669	1.13	1.13	1.13	1.13	0.18	0.00	0.04
13	1K	0	46	0	-37	344	1.13	1.13	1.13	1.13	0.03	0.00	0.02
13	1L	0	46	0	-37	344	1.13	1.13	1.13	1.13	0.03	0.00	0.02
13	2	0	-60	0	-227	530	1.13	1.13	1.13	1.13	0.14	0.00	0.03
13	7	0	-46	0	-174	404	1.13	1.13	1.13	1.13	0.11	0.00	0.03
Spess.= 40.0 cm Axxinf= -- Axxsup= -- Ayyinf= -- Ayysup= -- (e arm. base nelle due direz.)													
14	1A	0	-224	0	-195	322	1.13	1.13	1.13	1.13	0.14	0.00	0.02
14	1B	0	-224	0	-195	322	1.13	1.13	1.13	1.13	0.14	0.00	0.02
14	1C	0	6	0	-77	32	1.13	1.13	1.13	1.13	0.05	0.00	0.00
14	1D	0	6	0	-77	32	1.13	1.13	1.13	1.13	0.05	0.00	0.00
14	1I	0	-175	0	-215	357	1.13	1.13	1.13	1.13	0.13	0.00	0.02
14	1J	0	-175	0	-215	357	1.13	1.13	1.13	1.13	0.13	0.00	0.02
14	1K	0	-43	0	-57	147	1.13	1.13	1.13	1.13	0.04	0.00	0.01
14	1L	0	-43	0	-57	147	1.13	1.13	1.13	1.13	0.04	0.00	0.01
14	2	0	-147	0	-185	198	1.13	1.13	1.13	1.13	0.12	0.00	0.01
14	7	0	-112	0	-140	164	1.13	1.13	1.13	1.13	0.09	0.00	0.01
Spess.= 40.0 cm Axxinf= -- Axxsup= -- Ayyinf= -- Ayysup= -- (e arm. base nelle due direz.)													
15	1A	0	-106	0	-203	16	1.13	1.13	1.13	1.13	0.13	0.00	0.00
15	1B	0	-106	0	-203	16	1.13	1.13	1.13	1.13	0.13	0.00	0.00
15	1C	0	68	0	-88	517	1.13	1.13	1.13	1.13	0.05	0.00	0.03

15	1D	0	68	0	-88	517	1.13	1.13	1.13	1.13	0.05	0.00	0.03
15	1I	0	-76	0	-241	157	1.13	1.13	1.13	1.13	0.15	0.00	0.01
15	1J	0	-76	0	-241	157	1.13	1.13	1.13	1.13	0.15	0.00	0.01
15	1K	0	38	0	-50	164	1.13	1.13	1.13	1.13	0.03	0.00	0.01
15	1L	0	38	0	-50	164	1.13	1.13	1.13	1.13	0.03	0.00	0.01
15	2	0	-15	0	-199	799	1.13	1.13	1.13	1.13	0.12	0.00	0.05
15	7	0	-8	0	-151	620	1.13	1.13	1.13	1.13	0.09	0.00	0.04
Spess.= 40.0 cm Axxinf= -- Axxsup= -- Ayyinf= -- Ayysup= -- (e arm. base nelle due direz.)													
16	1A	0	-374	0	-239	671	1.13	1.13	1.13	1.13	0.23	0.00	0.04
16	1B	0	-374	0	-239	671	1.13	1.13	1.13	1.13	0.23	0.00	0.04
16	1C	0	251	0	19	1052	1.13	1.13	1.13	1.13	0.16	0.00	0.07
16	1D	0	251	0	19	1052	1.13	1.13	1.13	1.13	0.16	0.00	0.07
16	1I	0	-372	0	-372	506	1.13	1.13	1.13	1.13	0.23	0.00	0.03
16	1J	0	-372	0	-372	506	1.13	1.13	1.13	1.13	0.23	0.00	0.03
16	1K	0	250	0	153	946	1.13	1.13	1.13	1.13	0.16	0.00	0.06
16	1L	0	250	0	153	946	1.13	1.13	1.13	1.13	0.16	0.00	0.06
16	2	0	-91	0	-155	1250	1.13	1.13	1.13	1.13	0.10	0.00	0.08
16	7	0	-72	0	-119	956	1.13	1.13	1.13	1.13	0.07	0.00	0.06
Spess.= 40.0 cm Axxinf= -- Axxsup= -- Ayyinf= -- Ayysup= -- (e arm. base nelle due direz.)													
17	1A	0	-302	0	-130	244	1.13	1.13	1.13	1.13	0.19	0.00	0.02
17	1B	0	-302	0	-130	244	1.13	1.13	1.13	1.13	0.19	0.00	0.02
17	1C	0	51	0	-11	44	1.13	1.13	1.13	1.13	0.03	0.00	0.00
17	1D	0	51	0	-11	44	1.13	1.13	1.13	1.13	0.03	0.00	0.00
17	1I	0	-261	0	-168	523	1.13	1.13	1.13	1.13	0.16	0.00	0.03
17	1J	0	-261	0	-168	523	1.13	1.13	1.13	1.13	0.16	0.00	0.03
17	1K	0	9	0	27	189	1.13	1.13	1.13	1.13	0.02	0.00	0.01
17	1L	0	9	0	27	189	1.13	1.13	1.13	1.13	0.02	0.00	0.01
17	2	0	-172	0	-95	358	1.13	1.13	1.13	1.13	0.11	0.00	0.02
17	7	0	-131	0	-72	261	1.13	1.13	1.13	1.13	0.08	0.00	0.02
Spess.= 40.0 cm Axxinf= -- Axxsup= -- Ayyinf= -- Ayysup= -- (e arm. base nelle due direz.)													
18	1A	0	-250	0	-289	797	1.13	1.13	1.13	1.13	0.18	0.00	0.05
18	1B	0	-250	0	-289	797	1.13	1.13	1.13	1.13	0.18	0.00	0.05
18	1C	0	204	0	85	1495	1.13	1.13	1.13	1.13	0.13	0.00	0.09
18	1D	0	204	0	85	1495	1.13	1.13	1.13	1.13	0.13	0.00	0.09
18	1I	0	-215	0	-369	851	1.13	1.13	1.13	1.13	0.23	0.00	0.05
18	1J	0	-215	0	-369	851	1.13	1.13	1.13	1.13	0.23	0.00	0.05
18	1K	0	169	0	165	1302	1.13	1.13	1.13	1.13	0.10	0.00	0.08
18	1L	0	169	0	165	1302	1.13	1.13	1.13	1.13	0.10	0.00	0.08
18	2	0	40	0	-143	1690	1.13	1.13	1.13	1.13	0.09	0.00	0.10
18	7	0	34	0	-109	1314	1.13	1.13	1.13	1.13	0.07	0.00	0.08
Spess.= 40.0 cm Axxinf= -- Axxsup= -- Ayyinf= -- Ayysup= -- (e arm. base nelle due direz.)													
19	1A	0	-355	0	-283	945	1.13	1.13	1.13	1.13	0.22	0.00	0.06
19	1B	0	-355	0	-283	945	1.13	1.13	1.13	1.13	0.22	0.00	0.06
19	1C	0	429	0	82	1412	1.13	1.13	1.13	1.13	0.27	0.00	0.09
19	1D	0	429	0	82	1412	1.13	1.13	1.13	1.13	0.27	0.00	0.09
19	1I	0	-263	0	-355	1221	1.13	1.13	1.13	1.13	0.22	0.00	0.08
19	1J	0	-263	0	-355	1221	1.13	1.13	1.13	1.13	0.22	0.00	0.08
19	1K	0	337	0	155	1737	1.13	1.13	1.13	1.13	0.21	0.00	0.11
19	1L	0	337	0	155	1737	1.13	1.13	1.13	1.13	0.21	0.00	0.11
19	2	0	60	0	-141	1510	1.13	1.13	1.13	1.13	0.09	0.00	0.09
19	7	0	49	0	-107	1179	1.13	1.13	1.13	1.13	0.07	0.00	0.07
Spess.= 40.0 cm Axxinf= -- Axxsup= -- Ayyinf= -- Ayysup= -- (e arm. base nelle due direz.)													
20	1A	0	-242	0	-113	269	1.13	1.13	1.13	1.13	0.15	0.00	0.02
20	1B	0	-242	0	-113	269	1.13	1.13	1.13	1.13	0.15	0.00	0.02
20	1C	0	81	0	-17	83	1.13	1.13	1.13	1.13	0.05	0.00	0.01
20	1D	0	81	0	-17	83	1.13	1.13	1.13	1.13	0.05	0.00	0.01
20	1I	0	-197	0	-144	499	1.13	1.13	1.13	1.13	0.12	0.00	0.03
20	1J	0	-197	0	-144	499	1.13	1.13	1.13	1.13	0.12	0.00	0.03
20	1K	0	36	0	14	120	1.13	1.13	1.13	1.13	0.02	0.00	0.01
20	1L	0	36	0	14	120	1.13	1.13	1.13	1.13	0.02	0.00	0.01
20	2	0	-108	0	-89	332	1.13	1.13	1.13	1.13	0.07	0.00	0.02
20	7	0	-83	0	-66	238	1.13	1.13	1.13	1.13	0.05	0.00	0.01
Spess.= 40.0 cm Axxinf= -- Axxsup= -- Ayyinf= -- Ayysup= -- (e arm. base nelle due direz.)													
21	1A	0	-308	0	-307	970	1.13	1.13	1.13	1.13	0.19	0.00	0.06
21	1B	0	-308	0	-307	970	1.13	1.13	1.13	1.13	0.19	0.00	0.06
21	1C	0	402	0	106	1580	1.13	1.13	1.13	1.13	0.25	0.00	0.10
21	1D	0	402	0	106	1580	1.13	1.13	1.13	1.13	0.25	0.00	0.10
21	1I	0	-218	0	-373	1254	1.13	1.13	1.13	1.13	0.23	0.00	0.08
21	1J	0	-218	0	-373	1254	1.13	1.13	1.13	1.13	0.23	0.00	0.08
21	1K	0	313	0	173	1652	1.13	1.13	1.13	1.13	0.19	0.00	0.10
21	1L	0	313	0	173	1652	1.13	1.13	1.13	1.13	0.19	0.00	0.10
21	2	0	75	0	-141	1573	1.13	1.13	1.13	1.13	0.09	0.00	0.10
21	7	0	60	0	-107	1225	1.13	1.13	1.13	1.13	0.07	0.00	0.08
Spess.= 40.0 cm Axxinf= -- Axxsup= -- Ayyinf= -- Ayysup= -- (e arm. base nelle due direz.)													
22	1A	0	-140	0	-188	319	1.13	1.13	1.13	1.13	0.12	0.00	0.02
22	1B	0	-140	0	-188	319	1.13	1.13	1.13	1.13	0.12	0.00	0.02
22	1C	0	136	0	-100	459	1.13	1.13	1.13	1.13	0.08	0.00	0.03
22	1D	0	136	0	-100	459	1.13	1.13	1.13	1.13	0.08	0.00	0.03
22	1I	0	-78	0	-235	357	1.13	1.13	1.13	1.13	0.15	0.00	0.02
22	1J	0	-78	0	-235	357	1.13	1.13	1.13	1.13	0.15	0.00	0.02
22	1K	0	74	0	-53	512	1.13	1.13	1.13	1.13	0.05	0.00	0.03
22	1L	0	74	0	-53	512	1.13	1.13	1.13	1.13	0.05	0.00	0.03
22	2	0	5	0	-197	609	1.13	1.13	1.13	1.13	0.12	0.00	0.04
22	7	0	6	0	-149	477	1.13	1.13	1.13	1.13	0.09	0.00	0.03
Spess.= 40.0 cm Axxinf= -- Axxsup= -- Ayyinf= -- Ayysup= -- (e arm. base nelle due direz.)													
23	1A	0	-167	0	-172	137	1.13	1.13	1.13	1.13	0.11	0.00	0.01

23	1B	0	-167	0	-172	137	1.13	1.13	1.13	1.13	0.11	0.00	0.01
23	1C	0	32	0	-86	67	1.13	1.13	1.13	1.13	0.05	0.00	0.00
23	1D	0	32	0	-86	67	1.13	1.13	1.13	1.13	0.05	0.00	0.00
23	1I	0	-121	0	-193	108	1.13	1.13	1.13	1.13	0.12	0.00	0.01
23	1J	0	-121	0	-193	108	1.13	1.13	1.13	1.13	0.12	0.00	0.01
23	1K	0	-14	0	-66	19	1.13	1.13	1.13	1.13	0.04	0.00	0.00
23	1L	0	-14	0	-66	19	1.13	1.13	1.13	1.13	0.04	0.00	0.00
23	2	0	-89	0	-176	30	1.13	1.13	1.13	1.13	0.11	0.00	0.00
23	7	0	-67	0	-132	24	1.13	1.13	1.13	1.13	0.08	0.00	0.00
Spess.= 40.0 cm Axxinf= -- Axxsup= -- Ayyinf= -- Ayyup= -- (e arm. base nelle due direz.)													
24	1A	0	-67	0	-184	59	1.13	1.13	1.13	1.13	0.11	0.00	0.00
24	1B	0	-67	0	-184	59	1.13	1.13	1.13	1.13	0.11	0.00	0.00
24	1C	0	86	0	-101	323	1.13	1.13	1.13	1.13	0.06	0.00	0.02
24	1D	0	86	0	-101	323	1.13	1.13	1.13	1.13	0.06	0.00	0.02
24	1I	0	-43	0	-228	227	1.13	1.13	1.13	1.13	0.14	0.00	0.01
24	1J	0	-43	0	-228	227	1.13	1.13	1.13	1.13	0.14	0.00	0.01
24	1K	0	62	0	-57	45	1.13	1.13	1.13	1.13	0.04	0.00	0.00
24	1L	0	62	0	-57	45	1.13	1.13	1.13	1.13	0.04	0.00	0.00
24	2	0	20	0	-196	681	1.13	1.13	1.13	1.13	0.12	0.00	0.04
24	7	0	18	0	-148	529	1.13	1.13	1.13	1.13	0.09	0.00	0.03
Spess.= 40.0 cm Axxinf= -- Axxsup= -- Ayyinf= -- Ayyup= -- (e arm. base nelle due direz.)													
25	1A	0	-355	0	-283	945	1.13	1.13	1.13	1.13	0.22	0.00	0.06
25	1B	0	-355	0	-283	945	1.13	1.13	1.13	1.13	0.22	0.00	0.06
25	1C	0	429	0	82	1412	1.13	1.13	1.13	1.13	0.27	0.00	0.09
25	1D	0	429	0	82	1412	1.13	1.13	1.13	1.13	0.27	0.00	0.09
25	1I	0	-263	0	-355	1221	1.13	1.13	1.13	1.13	0.22	0.00	0.08
25	1J	0	-263	0	-355	1221	1.13	1.13	1.13	1.13	0.22	0.00	0.08
25	1K	0	337	0	155	1737	1.13	1.13	1.13	1.13	0.21	0.00	0.11
25	1L	0	337	0	155	1737	1.13	1.13	1.13	1.13	0.21	0.00	0.11
25	2	0	60	0	-141	1510	1.13	1.13	1.13	1.13	0.09	0.00	0.09
25	7	0	49	0	-107	1179	1.13	1.13	1.13	1.13	0.07	0.00	0.07
Spess.= 40.0 cm Axxinf= -- Axxsup= -- Ayyinf= -- Ayyup= -- (e arm. base nelle due direz.)													
26	1A	0	-242	0	-113	269	1.13	1.13	1.13	1.13	0.15	0.00	0.02
26	1B	0	-242	0	-113	269	1.13	1.13	1.13	1.13	0.15	0.00	0.02
26	1C	0	81	0	-17	83	1.13	1.13	1.13	1.13	0.05	0.00	0.01
26	1D	0	81	0	-17	83	1.13	1.13	1.13	1.13	0.05	0.00	0.01
26	1I	0	-197	0	-144	499	1.13	1.13	1.13	1.13	0.12	0.00	0.03



31	1A	0	-67	0	-184	281	1.13	1.13	1.13	1.13	0.11	0.00	0.02
31	1B	0	-67	0	-184	281	1.13	1.13	1.13	1.13	0.11	0.00	0.02
31	1C	0	86	0	-101	662	1.13	1.13	1.13	1.13	0.06	0.00	0.04
31	1D	0	86	0	-101	662	1.13	1.13	1.13	1.13	0.06	0.00	0.04
31	1I	0	-43	0	-228	401	1.13	1.13	1.13	1.13	0.14	0.00	0.02
31	1J	0	-43	0	-228	401	1.13	1.13	1.13	1.13	0.14	0.00	0.02
31	1K	0	62	0	-57	673	1.13	1.13	1.13	1.13	0.04	0.00	0.04
31	1L	0	62	0	-57	673	1.13	1.13	1.13	1.13	0.04	0.00	0.04
31	2	0	20	0	-196	681	1.13	1.13	1.13	1.13	0.12	0.00	0.04
31	7	0	18	0	-148	529	1.13	1.13	1.13	1.13	0.09	0.00	0.03

Spess.= 40.0 cm    Axxinf= --                    Axxsup= --                    Ayyinf= --                    Ayysup= --                    (e arm. base nelle due direz.)

32	1A	0	-167	0	-172	137	1.13	1.13	1.13	1.13	0.11	0.00	0.01
32	1B	0	-167	0	-172	137	1.13	1.13	1.13	1.13	0.11	0.00	0.01
32	1C	0	32	0	-86	67	1.13	1.13	1.13	1.13	0.05	0.00	0.00
32	1D	0	32	0	-86	67	1.13	1.13	1.13	1.13	0.05	0.00	0.00
32	1I	0	-121	0	-193	108	1.13	1.13	1.13	1.13	0.12	0.00	0.01
32	1J	0	-121	0	-193	108	1.13	1.13	1.13	1.13	0.12	0.00	0.01
32	1K	0	-14	0	-66	19	1.13	1.13	1.13	1.13	0.04	0.00	0.00
32	1L	0	-14	0	-66	19	1.13	1.13	1.13	1.13	0.04	0.00	0.00
32	2	0	-89	0	-176	30	1.13	1.13	1.13	1.13	0.11	0.00	0.00
32	7	0	-67	0	-132	24	1.13	1.13	1.13	1.13	0.08	0.00	0.00

Spess.= 40.0 cm    Axxinf= --                    Axxsup= --                    Ayyinf= --                    Ayysup= --                    (e arm. base nelle due direz.)

33	1A	0	-140	0	-188	319	1.13	1.13	1.13	1.13	0.12	0.00	0.02
33	1B	0	-140	0	-188	319	1.13	1.13	1.13	1.13	0.12	0.00	0.02
33	1C	0	136	0	-100	459	1.13	1.13	1.13	1.13	0.08	0.00	0.03
33	1D	0	136	0	-100	459	1.13	1.13	1.13	1.13	0.08	0.00	0.03
33	1I	0	-78	0	-235	357	1.13	1.13	1.13	1.13	0.15	0.00	0.02
33	1J	0	-78	0	-235	357	1.13	1.13	1.13	1.13	0.15	0.00	0.02
33	1K	0	74	0	-53	512	1.13	1.13	1.13	1.13	0.05	0.00	0.03
33	1L	0	74	0	-53	512	1.13	1.13	1.13	1.13	0.05	0.00	0.03
33	2	0	5	0	-197	609	1.13	1.13	1.13	1.13	0.12	0.00	0.04
33	7	0	6	0	-149	477	1.13	1.13	1.13	1.13	0.09	0.00	0.03

Spess.= 40.0 cm    Axxinf= --                    Axxsup= --                    Ayyinf= --                    Ayysup= --                    (e arm. base nelle due direz.)

34	1A	0	-308	0	-307	870	1.13	1.13	1.13	1.13	0.19	0.00	0.05
34	1B	0	-308	0	-307	870	1.13	1.13	1.13	1.13	0.19	0.00	0.05
34	1C	0	402	0	106	1447	1.13	1.13	1.13	1.13	0.25	0.00	0.09
34	1D	0	402	0	106	1447	1.13	1.13	1.13	1.13	0.25	0.00	0.09
34	1I	0	-218	0	-373	1145	1.13	1.13	1.13	1.13	0.23	0.00	0.07
34	1J	0	-218	0	-373	1145	1.13	1.13	1.13	1.13	0.23	0.00	0.07
34	1K	0	313	0	173	1729	1.13	1.13	1.13	1.13	0.19	0.00	0.11
34	1L	0	313	0	173	1729	1.13	1.13	1.13	1.13	0.19	0.00	0.11
34	2	0	75	0	-141	1573	1.13	1.13	1.13	1.13	0.09	0.00	0.10
34	7	0	60	0	-107	1225	1.13	1.13	1.13	1.13	0.07	0.00	0.08

Spess.= 40.0 cm    Axxinf= --                    Axxsup= --                    Ayyinf= --                    Ayysup= --                    (e arm. base nelle due direz.)

35	1A	0	-242	0	-113	269	1.13	1.13	1.13	1.13	0.15	0.00	0.02
35	1B	0	-242	0	-113	269	1.13	1.13	1.13	1.13	0.15	0.00	0.02
35	1C	0	81	0	-17	83	1.13	1.13	1.13	1.13	0.05	0.00	0.01
35	1D	0	81	0	-17	83	1.13	1.13	1.13	1.13	0.05	0.00	0.01
35	1I	0	-197	0	-144	499	1.13	1.13	1.13	1.13	0.12	0.00	0.03
35	1J	0	-197	0	-144	499	1.13	1.13	1.13	1.13	0.12	0.00	0.03
35	1K	0	36	0	14	120	1.13	1.13	1.13	1.13	0.02	0.00	0.01
35	1L	0	36	0	14	120	1.13	1.13	1.13	1.13	0.02	0.00	0.01
35	2	0	-108	0	-89	332	1.13	1.13	1.13	1.13	0.07	0.00	0.02
35	7	0	-83	0	-66	238	1.13	1.13	1.13	1.13	0.05	0.00	0.01

Spess.= 40.0 cm    Axxinf= --                    Axxsup= --                    Ayyinf= --                    Ayysup= --                    (e arm. base nelle due direz.)

36	1A	0	-355	0	-283	945	1.13	1.13	1.13	1.13	0.22	0.00	0.06
36	1B	0	-355	0	-283	945	1.13	1.13	1.13	1.13	0.22	0.00	0.06
36	1C	0	429	0	82	1412	1.13	1.13	1.13	1.13	0.27	0.00	0.09
36	1D	0	429	0	82	1412	1.13	1.13	1.13	1.13	0.27	0.00	0.09
36	1I	0	-263	0	-355	1221	1.13	1.13	1.13	1.13	0.22	0.00	0.08
36	1J	0	-263	0	-355	1221	1.13	1.13	1.13	1.13	0.22	0.00	0.08
36	1K	0	337	0	155	1737	1.13	1.13	1.13	1.13	0.21	0.00	0.11
36	1L	0	337	0	155	1737	1.13	1.13	1.13	1.13	0.21	0.00	0.11
36	2	0	60	0	-141	1510	1.13	1.13	1.13	1.13	0.09	0.00	0.09
36	7	0	49	0	-107	1179	1.13	1.13	1.13	1.13	0.07	0.00	0.07

Spess.= 40.0 cm    Axxinf= --                    Axxsup= --                    Ayyinf= --                    Ayysup= --                    (e arm. base nelle due direz.)

Lavoro: **Strutturale**                    Intestazione lavoro: **Strutturale SLV**  
Elem.: **GUSCIO (piastra)** Gruppo: **1**                    Tabella: **Tabella gusci**  
Descrizione: **Platea**  
Rck: **350.00** kg/cm<sup>q</sup>                    fyk: **4580.0** kg/cm<sup>q</sup>                    Condizioni ambientali: **Aggressiva**  
Copriferro sup.: **3.0** cm                    Copriferro inf.: **3.0** cm  
Coeff. di partecipazione Mxy: **0.50**                    Coeff. di partecipazione Sxy: **0.50**  
dxx base sup.: **12** mm                    dxx base inf.: **12** mm                    pxx: **20** cm                    dxx agg.: **12** mm                    pxx agg.: **20** cm  
dyy base sup.: **12** mm                    dyy base inf.: **12** mm                    pyy: **20** cm                    dyy agg.: **12** mm                    pyy agg.: **20** cm  
Orientamento armature: **rif\_globale**                    Angolo di posa delle armature: **0.00** gradi

La armature aggiuntive, riferite al proprio passo, vanno aggiunte all'armatura di base: vedere riga riassuntiva

El. comb.	Nxx	Mxx	Nyy	Myy	Axx inf.	Axx sup.	Ayy inf.	Ayy sup.	Sc	Sf	w	Note
	---	---	---	---	-----	-----	-----	-----	-----	-----	---	
	kg/20 cm	kg*m/20 cm	kg/20 cm	kg*m/20 cm	cmq / 20 cm		cmq / 20 cm		kg/cmq		mm	
1 3	0	-69	0	-119	1.13	1.13	1.13	1.13	-1.92	12.8	0.00	

1	4	0	-63	0	-111	1.13	1.13	1.13	1.13	-1.79	11.9	0.00
1	5	0	-61	0	-110	1.13	1.13	1.13	1.13	-1.77	11.8	0.00
Spess.=		40.0 cm	Axxinf= --	Axxsup= --		Ayyinf= --		Ayysup= --		(e arm. base nelle due direz.)		
2	3	0	-133	0	-75	1.13	1.13	1.13	1.13	-2.14	14.2	0.00
2	4	0	-126	0	-70	1.13	1.13	1.13	1.13	-2.04	13.6	0.00
2	5	0	-126	0	-71	1.13	1.13	1.13	1.13	-2.03	13.5	0.00
Spess.=		40.0 cm	Axxinf= --	Axxsup= --		Ayyinf= --		Ayysup= --		(e arm. base nelle due direz.)		
3	3	0	26	0	-111	1.13	1.13	1.13	1.13	-1.80	11.9	0.00
3	4	0	-21	0	-103	1.13	1.13	1.13	1.13	-1.66	11.0	0.00
3	5	0	-23	0	-102	1.13	1.13	1.13	1.13	-1.65	11.0	0.00
Spess.=		40.0 cm	Axxinf= --	Axxsup= --		Ayyinf= --		Ayysup= --		(e arm. base nelle due direz.)		
4	3	0	-46	0	-176	1.13	1.13	1.13	1.13	-2.84	18.9	0.00
4	4	0	-43	0	-165	1.13	1.13	1.13	1.13	-2.67	17.7	0.00
4	5	0	-43	0	-164	1.13	1.13	1.13	1.13	-2.65	17.6	0.00
Spess.=		40.0 cm	Axxinf= --	Axxsup= --		Ayyinf= --		Ayysup= --		(e arm. base nelle due direz.)		
5	3	0	-114	0	-145	1.13	1.13	1.13	1.13	-2.34	15.6	0.00
5	4	0	-109	0	-136	1.13	1.13	1.13	1.13	-2.19	14.6	0.00
5	5	0	-109	0	-136	1.13	1.13	1.13	1.13	-2.20	14.6	0.00
Spess.=		40.0 cm	Axxinf= --	Axxsup= --		Ayyinf= --		Ayysup= --		(e arm. base nelle due direz.)		
6	3	0	-15	0	-156	1.13	1.13	1.13	1.13	-2.52	16.8	0.00
6	4	0	-17	0	-145	1.13	1.13	1.13	1.13	-2.35	15.6	0.00
6	5	0	-19	0	-145	1.13	1.13	1.13	1.13	-2.35	15.6	0.00
Spess.=		40.0 cm	Axxinf= --	Axxsup= --		Ayyinf= --		Ayysup= --		(e arm. base nelle due direz.)		
7	3	0	-69	0	-119	1.13	1.13	1.13	1.13	-1.92	12.8	0.00
7	4	0	-63	0	-111	1.13	1.13	1.13	1.13	-1.79	11.9	0.00
7	5	0	-61	0	-110	1.13	1.13	1.13	1.13	-1.77	11.8	0.00
Spess.=		40.0 cm	Axxinf= --	Axxsup= --		Ayyinf= --		Ayysup= --		(e arm. base nelle due direz.)		
8	3	0	-133	0	-75	1.13	1.13	1.13	1.13	-2.14	14.2	0.00
8	4	0	-126	0	-70	1.13	1.13	1.13	1.13	-2.04	13.6	0.00
8	5	0	-126	0	-71	1.13	1.13	1.13	1.13	-2.03	13.5	0.00
Spess.=		40.0 cm	Axxinf= --	Axxsup= --		Ayyinf= --		Ayysup= --		(e arm. base nelle due direz.)		
9	3	0	26	0	-111	1.13	1.13	1.13	1.13	-1.80	11.9	0.00
9	4	0	-21	0	-103	1.13	1.13	1.13	1.13	-1.66	11.0	0.00
9	5	0	-23	0	-102	1.13	1.13	1.13	1.13	-1.65	11.0	0.00
Spess.=		40.0 cm	Axxinf= --	Axxsup= --		Ayyinf= --		Ayysup= --		(e arm. base nelle due direz.)		
10	3	0	-69	0	-119	1.13	1.13	1.13	1.13	-1.92	12.8	0.00
10	4	0	-63	0	-111	1.13	1.13	1.13	1.13	-1.79	11.9	0.00
10	5	0	-61	0	-110	1.13	1.13	1.13	1.13	-1.77	11.8	0.00
Spess.=		40.0 cm	Axxinf= --	Axxsup= --		Ayyinf= --		Ayysup= --		(e arm. base nelle due direz.)		
11	3	0	-133	0	-75	1.13	1.13	1.13	1.13	-2.14	14.2	0.00
11	4	0	-126	0	-70	1.13	1.13	1.13	1.13	-2.04	13.6	0.00
11	5	0	-126	0	-71	1.13	1.13	1.13	1.13	-2.03	13.5	0.00
Spess.=		40.0 cm	Axxinf= --	Axxsup= --		Ayyinf= --		Ayysup= --		(e arm. base nelle due direz.)		
12	3	0	26	0	-111	1.13	1.13	1.13	1.13	-1.80	11.9	0.00
12	4	0	-21	0	-103	1.13	1.13	1.13	1.13	-1.66	11.0	0.00
12	5	0	-23	0	-102	1.13	1.13	1.13	1.13	-1.65	11.0	0.00
Spess.=		40.0 cm	Axxinf= --	Axxsup= --		Ayyinf= --		Ayysup= --		(e arm. base nelle due direz.)		
13	3	0	-46	0	-176	1.13	1.13	1.13	1.13	-2.84	18.9	0.00
13	4	0	-43	0	-165	1.13	1.13	1.13	1.13	-2.67	17.7	0.00
13	5	0	-43	0	-164	1.13	1.13	1.13	1.13	-2.65	17.6	0.00
Spess.=		40.0 cm	Axxinf= --	Axxsup= --		Ayyinf= --		Ayysup= --		(e arm. base nelle due direz.)		
14	3	0	-114	0	-145	1.13	1.13	1.13	1.13	-2.34	15.6	0.00
14	4	0	-109	0	-136	1.13	1.13	1.13	1.13	-2.19	14.6	0.00
14	5	0	-109	0	-136	1.13	1.13	1.13	1.13	-2.20	14.6	0.00
Spess.=		40.0 cm	Axxinf= --	Axxsup= --		Ayyinf= --		Ayysup= --		(e arm. base nelle due direz.)		
15	3	0	-15	0	-156	1.13	1.13	1.13	1.13	-2.52	16.8	0.00
15	4	0	-17	0	-145	1.13	1.13	1.13	1.13	-2.35	15.6	0.00
15	5	0	-19	0	-145	1.13	1.13	1.13	1.13	-2.35	15.6	0.00
Spess.=		40.0 cm	Axxinf= --	Axxsup= --		Ayyinf= --		Ayysup= --		(e arm. base nelle due direz.)		
16	3	0	-69	0	-119	1.13	1.13	1.13	1.13	-1.92	12.8	0.00
16	4	0	-63	0	-111	1.13	1.13	1.13	1.13	-1.79	11.9	0.00
16	5	0	-61	0	-110	1.13	1.13	1.13	1.13	-1.77	11.8	0.00
Spess.=		40.0 cm	Axxinf= --	Axxsup= --		Ayyinf= --		Ayysup= --		(e arm. base nelle due direz.)		
17	3	0	-133	0	-75	1.13	1.13	1.13	1.13	-2.14	14.2	0.00
17	4	0	-126	0	-70	1.13	1.13	1.13	1.13	-2.04	13.6	0.00
17	5	0	-126	0	-71	1.13	1.13	1.13	1.13	-2.03	13.5	0.00
Spess.=		40.0 cm	Axxinf= --	Axxsup= --		Ayyinf= --		Ayysup= --		(e arm. base nelle due direz.)		
18	3	0	26	0	-111	1.13	1.13	1.13	1.13	-1.80	11.9	0.00

18	4	0	-21	0	-103	1.13	1.13	1.13	1.13	-1.66	11.0	0.00
18	5	0	-23	0	-102	1.13	1.13	1.13	1.13	-1.65	11.0	0.00
Spess.=		40.0 cm	Axxinf= --	Axxsup= --		Ayyinf= --		Ayysup= --		(e arm. base nelle due direz.)		
19	3	0	44	0	-109	1.13	1.13	1.13	1.13	-1.77	11.7	0.00
19	4	0	39	0	-101	1.13	1.13	1.13	1.13	-1.63	10.8	0.00
19	5	0	37	0	-100	1.13	1.13	1.13	1.13	-1.62	10.7	0.00
Spess.=		40.0 cm	Axxinf= --	Axxsup= --		Ayyinf= --		Ayysup= --		(e arm. base nelle due direz.)		
20	3	0	-84	0	-70	1.13	1.13	1.13	1.13	-1.36	9.0	0.00
20	4	0	-80	0	-65	1.13	1.13	1.13	1.13	-1.30	8.6	0.00
20	5	0	-80	0	-65	1.13	1.13	1.13	1.13	-1.29	8.6	0.00
Spess.=		40.0 cm	Axxinf= --	Axxsup= --		Ayyinf= --		Ayysup= --		(e arm. base nelle due direz.)		
21	3	0	55	0	-110	1.13	1.13	1.13	1.13	-1.77	11.8	0.00
21	4	0	49	0	-101	1.13	1.13	1.13	1.13	-1.63	10.8	0.00
21	5	0	47	0	-100	1.13	1.13	1.13	1.13	-1.62	10.8	0.00
Spess.=		40.0 cm	Axxinf= --	Axxsup= --		Ayyinf= --		Ayysup= --		(e arm. base nelle due direz.)		
22	3	0	2	0	-155	1.13	1.13	1.13	1.13	-2.50	16.6	0.00
22	4	0	-0	0	-144	1.13	1.13	1.13	1.13	-2.32	15.4	0.00
22	5	0	-2	0	-144	1.13	1.13	1.13	1.13	-2.32	15.4	0.00
Spess.=		40.0 cm	Axxinf= --	Axxsup= --		Ayyinf= --		Ayysup= --		(e arm. base nelle due direz.)		
23	3	0	-70	0	-138	1.13	1.13	1.13	1.13	-2.23	14.9	0.00
23	4	0	-67	0	-129	1.13	1.13	1.13	1.13	-2.08	13.8	0.00
23	5	0	-68	0	-129	1.13	1.13	1.13	1.13	-2.09	13.9	0.00
Spess.=		40.0 cm	Axxinf= --	Axxsup= --		Ayyinf= --		Ayysup= --		(e arm. base nelle due direz.)		
24	3	0	13	0	-154	1.13	1.13	1.13	1.13	-2.48	16.5	0.00
24	4	0	11	0	-143	1.13	1.13	1.13	1.13	-2.30	15.3	0.00
24	5	0	9	0	-143	1.13	1.13	1.13	1.13	-2.30	15.3	0.00
Spess.=		40.0 cm	Axxinf= --	Axxsup= --		Ayyinf= --		Ayysup= --		(e arm. base nelle due direz.)		
25	3	0	44	0	-109	1.13	1.13	1.13	1.13	-1.77	11.7	0.00
25	4	0	39	0	-101	1.13	1.13	1.13	1.13	-1.63	10.8	0.00
25	5	0	37	0	-100	1.13	1.13	1.13	1.13	-1.62	10.7	0.00
Spess.=		40.0 cm	Axxinf= --	Axxsup= --		Ayyinf= --		Ayysup= --		(e arm. base nelle due direz.)		
26	3	0	-84	0	-70	1.13	1.13	1.13	1.13	-1.36	9.0	0.00
26	4	0	-80	0	-65	1.13	1.13	1.13	1.13	-1.30	8.6	0.00
26	5	0	-80	0	-65	1.13	1.13	1.13	1.13	-1.29	8.6	0.00
Spess.=		40.0 cm	Axxinf= --	Axxsup= --		Ayyinf= --		Ayysup= --		(e arm. base nelle due direz.)		
27	3	0	55	0	-110	1.13	1.13	1.13	1.13	-1.77	11.8	0.00
27	4	0	49	0	-101	1.13	1.13	1.13	1.13	-1.63	10.8	0.00
27	5	0	47	0	-100	1.13	1.13	1.13	1.13	-1.62	10.8	0.00
Spess.=		40.0 cm	Axxinf= --	Axxsup= --		Ayyinf= --		Ayysup= --		(e arm. base nelle due direz.)		
28	3	0	55	0	-110	1.13	1.13	1.13	1.13	-1.77	11.8	0.00
28	4	0	49	0	-101	1.13	1.13	1.13	1.13	-1.63	10.8	0.00
28	5	0	47	0	-100	1.13	1.13	1.13	1.13	-1.62	10.8	0.00
Spess.=		40.0 cm	Axxinf= --	Axxsup= --		Ayyinf= --		Ayysup= --		(e arm. base nelle due direz.)		
29	3	0	-84	0	-70	1.13	1.13	1.13	1.13	-1.36	9.0	0.00
29	4	0	-80	0	-65	1.13	1.13	1.13	1.13	-1.30	8.6	0.00
29	5	0	-80	0	-65	1.13	1.13	1.13	1.13	-1.29	8.6	0.00
Spess.=		40.0 cm	Axxinf= --	Axxsup= --		Ayyinf= --		Ayysup= --		(e arm. base nelle due direz.)		
30	3	0	44	0	-109	1.13	1.13	1.13	1.13	-1.77	11.7	0.00
30	4	0	39	0	-101	1.13	1.13	1.13	1.13	-1.63	10.8	0.00
30	5	0	37	0	-100	1.13	1.13	1.13	1.13	-1.62	10.7	0.00
Spess.=		40.0 cm	Axxinf= --	Axxsup= --		Ayyinf= --		Ayysup= --		(e arm. base nelle due direz.)		
31	3	0	13	0	-154	1.13	1.13	1.13	1.13	-2.48	16.5	0.00
31	4	0	11	0	-143	1.13	1.13	1.13	1.13	-2.30	15.3	0.00
31	5	0	9	0	-143	1.13	1.13	1.13	1.13	-2.30	15.3	0.00
Spess.=		40.0 cm	Axxinf= --	Axxsup= --		Ayyinf= --		Ayysup= --		(e arm. base nelle due direz.)		
32	3	0	-70	0	-138	1.13	1.13	1.13	1.13	-2.23	14.9	0.00
32	4	0	-67	0	-129	1.13	1.13	1.13	1.13	-2.08	13.8	0.00
32	5	0	-68	0	-129	1.13	1.13	1.13	1.13	-2.09	13.9	0.00
Spess.=		40.0 cm	Axxinf= --	Axxsup= --		Ayyinf= --		Ayysup= --		(e arm. base nelle due direz.)		
33	3	0	2	0	-155	1.13	1.13	1.13	1.13	-2.50	16.6	0.00
33	4	0	-0	0	-144	1.13	1.13	1.13	1.13	-2.32	15.4	0.00
33	5	0	-2	0	-144	1.13	1.13	1.13	1.13	-2.32	15.4	0.00
Spess.=		40.0 cm	Axxinf= --	Axxsup= --		Ayyinf= --		Ayysup= --		(e arm. base nelle due direz.)		
34	3	0	55	0	-110	1.13	1.13	1.13	1.13	-1.77	11.8	0.00
34	4	0	49	0	-101	1.13	1.13	1.13	1.13	-1.63	10.8	0.00
34	5	0	47	0	-100	1.13	1.13	1.13	1.13	-1.62	10.8	0.00
Spess.=		40.0 cm	Axxinf= --	Axxsup= --		Ayyinf= --		Ayysup= --		(e arm. base nelle due direz.)		
35	3	0	-84	0	-70	1.13	1.13	1.13	1.13	-1.36	9.0	0.00

35	4	0	-80	0	-65	1.13	1.13	1.13	1.13	-1.30	8.6	0.00
35	5	0	-80	0	-65	1.13	1.13	1.13	1.13	-1.29	8.6	0.00

Spess.= 40.0 cm Axxinf= -- Axxsup= -- Ayyinf= -- Ayysup= -- (e arm. base nelle due direz.)

36	3	0	44	0	-109	1.13	1.13	1.13	1.13	-1.77	11.7	0.00
36	4	0	39	0	-101	1.13	1.13	1.13	1.13	-1.63	10.8	0.00
36	5	0	37	0	-100	1.13	1.13	1.13	1.13	-1.62	10.7	0.00

Spess.= 40.0 cm Axxinf= -- Axxsup= -- Ayyinf= -- Ayysup= -- (e arm. base nelle due direz.)

STAMPA SINTETICA (stampa degli elementi con massima Sc, Sf, w)

El. comb.	Nxx	Mxx	Nyy	Myy	Axx inf.	Axx sup.	Ayy inf.	Ayy sup.	Sc	Sf	w	Note
	kg/20 cm	kg*m/20 cm	kg/20 cm	kg*m/20 cm	cmq / 20 cm		cmq / 20 cm		kg/cmq		mm	
13 3	0	-46	0	-176	1.13	1.13	1.13	1.13	-2.84	18.9	--	rara
13 5	0	-43	0	-164	1.13	1.13	1.13	1.13	-2.65	--	0.00	quasi perm.

Lavoro: **Strutturale** Intestazione lavoro: **Strutturale SLV**  
Elemento: **TRAVE** Gruppo: **2** Tabella: **Tabella travi**  
Descrizione: **Travi**  
Spunt. I **30.0** cm Spunt. J **30.0** cm  
Rck: **350.00** kg/cm<sup>2</sup> fyk: **4580.0** kg/cm<sup>2</sup>  
Copriferro superiore: **3.0** cm Copriferro inferiore: **3.0** cm Copriferro laterale: **3.0** cm  
Verifica in ottemperanza alle NTC2008  
Diametro staffe: **8** mm Numero braccia: **2**

Nome travata: **Travi03\_IP1** Descrizione: **Travi 1-6**  
**ASTA NUM. 1** NI 20 NF 11 SEZ. Rp B= 60.0 H= 24.0 (trave)

categoria: p.p. y Permanente Neve qy tot.  
qy medio: 3.6000 8.9250 1.7000 14.2250 kg/cm

armatura base = 4 X 2.01 per le armature aggiuntive consultare il tabulato

NC	x	Fx	Fy	Fz	Mx	My	Mz	APOST	AANT	AINF	ASUP	campo	Indice	resistenza	aswta	aswto	PASSO	
	cm	kg			kg*m			cmq					Fx,M	Bielle	V,Mx	cmq/m	cm	
1A	0	-0	1539	0	-48	0	504	4.02	4.02	6.03	4.02	2	0.16	0.04	0.32	0.00	0.00	5.3
1B	0	-0	2219	0	-48	0	-885	4.02	4.02	4.02	6.03	2	0.28	0.05	0.42	0.00	0.00	5.3
1C	0	-0	1539	-0	-48	-0	504	4.02	4.02	6.03	4.02	2	0.16	0.04	0.32	0.00	0.00	5.3
1D	0	-0	2219	-0	-48	-0	-885	4.02	4.02	4.02	6.03	2	0.28	0.05	0.42	0.00	0.00	5.3
1E	0	-0	1539	0	-48	0	504	4.02	4.02	6.03	4.02	2	0.16	0.04	0.32	0.00	0.00	5.3
1F	0	-0	2219	0	-48	0	-885	4.02	4.02	4.02	6.03	2	0.28	0.05	0.42	0.00	0.00	5.3
1G	0	-0	1539	-0	-48	-0	504	4.02	4.02	6.03	4.02	2	0.16	0.04	0.32	0.00	0.00	5.3
1H	0	-0	2219	-0	-48	-0	-885	4.02	4.02	4.02	6.03	2	0.28	0.05	0.42	0.00	0.00	5.3
1I	0	-0	1019	0	-66	0	1023	4.02	4.02	6.03	4.02	2	0.32	0.03	0.27	0.00	0.00	5.3
1J	0	-0	2739	0	-66	0	-1664	4.02	4.02	4.02	6.03	2	0.52	0.07	0.53	0.00	0.00	5.3
1K	0	-0	1019	-0	-66	-0	1023	4.02	4.02	6.03	4.02	2	0.32	0.03	0.27	0.00	0.00	5.3
1L	0	-0	2739	-0	-66	-0	-1664	4.02	4.02	4.02	6.03	2	0.52	0.07	0.53	0.00	0.00	5.3
1M	0	-0	1019	0	-66	0	1023	4.02	4.02	6.03	4.02	2	0.32	0.03	0.27	0.00	0.00	5.3
1N	0	-0	2739	0	-66	0	-1664	4.02	4.02	4.02	6.03	2	0.52	0.07	0.53	0.00	0.00	5.3
1O	0	-0	1019	-0	-66	-0	1023	4.02	4.02	6.03	4.02	2	0.32	0.03	0.27	0.00	0.00	5.3
1P	0	-0	2739	-0	-66	-0	-1664	4.02	4.02	4.02	6.03	2	0.52	0.07	0.53	0.00	0.00	5.3
2	0	-0	2825	0	-0	0	-563	4.02	4.02	4.02	6.03	2	0.18	0.06	0.42	0.00	0.00	5.3
7	0	-0	2210	0	-0	0	-441	4.02	4.02	4.02	6.03	2	0.14	0.05	0.33	0.00	0.00	5.3

apost= -- aant= -- ainf= 2.01 asup= 2.01 (e arm. base= 4 X 2.01) staffe= 2 d 8 / 5.3

1A	60	-0	787	0	-48	0	741	4.02	4.02	6.03	4.02	2	0.23	0.02	0.21	0.00	0.00	11.2
1B	60	-0	1467	0	-48	0	-407	4.02	4.02	4.02	6.03	2	0.13	0.04	0.31	0.00	0.00	11.2
1C	60	-0	787	-0	-48	-0	741	4.02	4.02	6.03	4.02	2	0.23	0.02	0.21	0.00	0.00	11.2
1D	60	-0	1467	-0	-48	-0	-407	4.02	4.02	4.02	6.03	2	0.13	0.04	0.31	0.00	0.00	11.2
1E	60	-0	787	0	-48	0	741	4.02	4.02	6.03	4.02	2	0.23	0.02	0.21	0.00	0.00	11.2
1F	60	-0	1467	0	-48	0	-407	4.02	4.02	4.02	6.03	2	0.13	0.04	0.31	0.00	0.00	11.2
1G	60	-0	787	-0	-48	-0	741	4.02	4.02	6.03	4.02	2	0.23	0.02	0.21	0.00	0.00	11.2
1H	60	-0	1467	-0	-48	-0	-407	4.02	4.02	4.02	6.03	2	0.13	0.04	0.31	0.00	0.00	11.2
1I	60	-0	267	0	-66	0	1023	4.02	4.02	6.03	4.02	2	0.32	0.02	0.16	0.00	0.00	11.2
1J	60	-0	1988	0	-66	0	-997	4.02	4.02	4.02	6.03	2	0.31	0.05	0.42	0.00	0.00	11.2
1K	60	-0	267	-0	-66	-0	1023	4.02	4.02	6.03	4.02	2	0.32	0.02	0.16	0.00	0.00	11.2
1L	60	-0	1988	-0	-66	-0	-997	4.02	4.02	4.02	6.03	2	0.31	0.05	0.42	0.00	0.00	11.2
1M	60	-0	267	0	-66	0	1023	4.02	4.02	6.03	4.02	2	0.32	0.02	0.16	0.00	0.00	11.2
1N	60	-0	1988	0	-66	0	-997	4.02	4.02	4.02	6.03	2	0.31	0.05	0.42	0.00	0.00	11.2
1O	60	-0	267	-0	-66	-0	1023	4.02	4.02	6.03	4.02	2	0.32	0.02	0.16	0.00	0.00	11.2
1P	60	-0	1988	-0	-66	-0	-997	4.02	4.02	4.02	6.03	2	0.31	0.05	0.42	0.00	0.00	11.2
2	60	-0	1695	0	-0	0	770	4.02	4.02	6.03	4.02	2	0.24	0.04	0.25	0.00	0.00	11.2
7	60	-0	1326	0	-0	-0	602	4.02	4.02	6.03	4.02	2	0.19	0.03	0.20	0.00	0.00	11.2

apost= -- aant= -- ainf= 2.01 asup= 2.01 (e arm. base= 4 X 2.01) staffe= 2 d 8 / 11.2

1A	120	-0	36	0	-48	0	810	4.02	4.02	6.03	4.02	2	0.25	0.01	0.09	0.00	0.00	11.2
1B	120	-0	716	0	-48	0	765	4.02	4.02	6.03	4.02	2	0.24	0.02	0.19	0.00	0.00	11.2
1C	120	-0	36	-0	-48	-0	810	4.02	4.02	6.03	4.02	2	0.25	0.01	0.09	0.00	0.00	11.2
1D	120	-0	716	-0	-48	-0	765	4.02	4.02	6.03	4.02	2	0.24	0.02	0.19	0.00	0.00	11.2
1E	120	-0	36	0	-48	0	810	4.02	4.02	6.03	4.02	2	0.25	0.01	0.09	0.00	0.00	11.2
1F	120	-0	716	0	-48	0	765	4.02	4.02	6.03	4.02	2	0.24	0.02	0.19	0.00	0.00	11.2
1G	120	-0	36	-0	-48	-0	810	4.02	4.02	6.03	4.02	2	0.25	0.01	0.09	0.00	0.00	11.2
1H	120	-0	716	-0	-48	-0	765	4.02	4.02	6.03	4.02	2	0.24	0.02	0.19	0.00	0.00	11.2
1I	120	-0	-484	0	-66	0	1023	4.02	4.02	6.03	4.02	2	0.32	0.02	0.19	0.00	0.00	11.2

1J	120	-0	1236	0	-66	0	732	4.02	4.02	6.03	4.02	2	0.23	0.04	0.30	0.00	0.00	11.2
1K	120	-0	-484	-0	-66	-0	1023	4.02	4.02	6.03	4.02	2	0.32	0.02	0.19	0.00	0.00	11.2
1L	120	-0	1236	-0	-66	-0	732	4.02	4.02	6.03	4.02	2	0.23	0.04	0.30	0.00	0.00	11.2
1M	120	-0	-484	0	-66	0	1023	4.02	4.02	6.03	4.02	2	0.32	0.02	0.19	0.00	0.00	11.2
1N	120	-0	1236	0	-66	0	732	4.02	4.02	6.03	4.02	2	0.23	0.04	0.30	0.00	0.00	11.2
1O	120	-0	-484	-0	-66	-0	1023	4.02	4.02	6.03	4.02	2	0.32	0.02	0.19	0.00	0.00	11.2
1P	120	-0	1236	-0	-66	-0	732	4.02	4.02	6.03	4.02	2	0.23	0.04	0.30	0.00	0.00	11.2
2	120	-0	565	0	-0	0	1047	4.02	4.02	6.03	4.02	2	0.33	0.01	0.08	0.00	0.00	11.2
7	120	-0	442	0	-0	-0	819	4.02	4.02	6.03	4.02	2	0.26	0.01	0.07	0.00	0.00	11.2

apost= --      aant= --      ainf= 2.01 asup= --      (e arm. base= 4 X 2.01) staffe= 2 d 8 / 11.2

1A	180	-0	-716	0	-48	-0	765	4.02	4.02	6.03	4.02	2	0.24	0.02	0.19	0.00	0.00	11.2
1B	180	-0	-36	0	-48	-0	810	4.02	4.02	6.03	4.02	2	0.25	0.01	0.09	0.00	0.00	11.2
1C	180	-0	-716	-0	-48	0	765	4.02	4.02	6.03	4.02	2	0.24	0.02	0.19	0.00	0.00	11.2
1D	180	-0	-36	-0	-48	0	810	4.02	4.02	6.03	4.02	2	0.25	0.01	0.09	0.00	0.00	11.2
1E	180	-0	-716	0	-48	-0	765	4.02	4.02	6.03	4.02	2	0.24	0.02	0.19	0.00	0.00	11.2
1F	180	-0	-36	0	-48	-0	810	4.02	4.02	6.03	4.02	2	0.25	0.01	0.09	0.00	0.00	11.2
1G	180	-0	-716	-0	-48	0	765	4.02	4.02	6.03	4.02	2	0.24	0.02	0.19	0.00	0.00	11.2
1H	180	-0	-36	-0	-48	0	810	4.02	4.02	6.03	4.02	2	0.25	0.01	0.09	0.00	0.00	11.2
1I	180	-0	-1236	0	-66	-0	732	4.02	4.02	6.03	4.02	2	0.23	0.04	0.30	0.00	0.00	11.2
1J	180	-0	484	0	-66	-0	1023	4.02	4.02	6.03	4.02	2	0.32	0.02	0.19	0.00	0.00	11.2
1K	180	-0	-1236	-0	-66	0	732	4.02	4.02	6.03	4.02	2	0.23	0.04	0.30	0.00	0.00	11.2
1L	180	-0	484	-0	-66	0	1023	4.02	4.02	6.03	4.02	2	0.32	0.02	0.19	0.00	0.00	11.2
1M	180	-0	-1236	0	-66	-0	732	4.02	4.02	6.03	4.02	2	0.23	0.04	0.30	0.00	0.00	11.2
1N	180	-0	484	0	-66	-0	1023	4.02	4.02	6.03	4.02	2	0.32	0.02	0.19	0.00	0.00	11.2
1O	180	-0	-1236	-0	-66	0	732	4.02	4.02	6.03	4.02	2	0.23	0.04	0.30	0.00	0.00	11.2
1P	180	-0	484	-0	-66	0	1023	4.02	4.02	6.03	4.02	2	0.32	0.02	0.19	0.00	0.00	11.2
2	180	-0	-565	0	-0	0	1047	4.02	4.02	6.03	4.02	2	0.33	0.01	0.08	0.00	0.00	11.2
7	180	-0	-442	0	-0	0	819	4.02	4.02	6.03	4.02	2	0.26	0.01	0.07	0.00	0.00	11.2

apost= --      aant= --      ainf= 2.01 asup= --      (e arm. base= 4 X 2.01) staffe= 2 d 8 / 11.2

1A	240	-0	-1467	0	-48	-0	-407	4.02	4.02	4.02	6.03	2	0.13	0.04	0.31	0.00	0.00	11.2
1B	240	-0	-787	0	-48	-0	741	4.02	4.02	6.03	4.02	2	0.23	0.02	0.21	0.00	0.00	11.2
1C	240	-0	-1467	-0	-48	0	-407	4.02	4.02	4.02	6.03	2	0.13	0.04	0.31	0.00	0.00	11.2
1D	240	-0	-787	-0	-48	0	741	4.02	4.02	6.03	4.02	2	0.23	0.02	0.21	0.00	0.00	11.2
1E	240	-0	-1467	0	-48	-0	-407	4.02	4.02	4.02	6.03	2	0.13	0.04	0.31	0.00	0.00	11.2
1F	240	-0	-787	0	-48	-0	741	4.02	4.02	6.03	4.02	2	0.23	0.02	0.21	0.00	0.00	11.2
1G	240	-0	-1467	-0	-48	0	-407	4.02	4.02	4.02	6.03	2	0.13	0.04	0.31	0.00	0.00	11.2
1H	240	-0	-787	-0	-48	0	741	4.02	4.02	6.03	4.02	2	0.23	0.02	0.21	0.00	0.00	11.2
1I	240	-0	-1988	0	-66	-0	-997	4.02	4.02	4.02	6.03	2	0.31	0.05	0.42	0.00	0.00	11.2
1J	240	-0	-267	0	-66	-0	1023	4.02	4.02	6.03	4.02	2	0.32	0.02	0.16	0.00	0.00	11.2
1K	240	-0	-1988	-0	-66	0	-997	4.02	4.02	4.02	6.03	2	0.31	0.05	0.42	0.00	0.00	11.2
1L	240	-0	-267	-0	-66	0	1023	4.02	4.02	6.03	4.02	2	0.32	0.02	0.16	0.00	0.00	11.2
1M	240	-0	-1988	0	-66	-0	-997	4.02	4.02	4.02	6.03	2	0.31	0.05	0.42	0.00	0.00	11.2
1N	240	-0	-267	0	-66	-0	1023	4.02	4.02	6.03	4.02	2	0.32	0.02	0.16	0.00	0.00	11.2
1O	240	-0	-1988	-0	-66	0	-997	4.02	4.02	4.02	6.03	2	0.31	0.05	0.42	0.00	0.00	11.2
1P	240	-0	-267	-0	-66	0	1023	4.02	4.02	6.03	4.02	2	0.32	0.02	0.16	0.00	0.00	11.2
2	240	-0	-1695	0	-0	0	770	4.02	4.02	6.03	4.02	2	0.24	0.04	0.25	0.00	0.00	11.2
7	240	-0	-1326	0	-0	-0	602	4.02	4.02	6.03	4.02	2	0.19	0.03	0.20	0.00	0.00	11.2

apost= --      aant= --      ainf= 2.01 asup= 2.01 (e arm. base= 4 X 2.01) staffe= 2 d 8 / 11.2

1A	300	-0	-2219	0	-48	-0	-885	4.02	4.02	4.02	6.03	2	0.28	0.05	0.42	0.00	0.00	5.3
1B	300	-0	-1539	0	-48	-0	504	4.02	4.02	6.03	4.02	2	0.16	0.04	0.32	0.00	0.00	5.3
1C	300	-0	-2219	-0	-48	0	-885	4.02	4.02	4.02	6.03	2	0.28	0.05	0.42	0.00	0.00	5.3
1D	300	-0	-1539	-0	-48	0	504	4.02	4.02	6.03	4.02	2	0.16	0.04	0.32	0.00	0.00	5.3
1E	300	-0	-2219	0	-48	-0	-885	4.02	4.02	4.02	6.03	2	0.28	0.05	0.42	0.00	0.00	5.3
1F	300	-0	-1539	0	-48	-0	504	4.02	4.02	6.03	4.02	2	0.16	0.04	0.32	0.00	0.00	5.3
1G	300	-0	-2219	-0	-48	0	-885	4.02	4.02	4.02	6.03	2	0.28	0.05	0.42	0.00	0.00	5.3
1H	300	-0	-1539	-0	-48	0	504	4.02	4.02	6.03	4.02	2	0.16	0.04	0.32	0.00	0.00	5.3
1I	300	-0	-2739	0	-66	-0	-1664	4.02	4.02	4.02	6.03	2	0.52	0.07	0.53	0.00	0.00	5.3
1J	300	-0	-1019	0	-66	-0	1023	4.02	4.02	6.03	4.02	2	0.32	0.03	0.27	0.00	0.00	5.3
1K	300	-0	-2739	-0	-66	0	-1664	4.02	4.02	4.02	6.03	2	0.52	0.07	0.53	0.00	0.00	5.3
1L	300	-0	-1019	-0	-66	0	1023	4.02	4.02	6.03	4.02	2	0.32	0.03	0.27	0.00	0.00	5.3
1M	300	-0	-2739	0	-66	-0	-1664	4.02	4.02	4.02	6.03	2	0.52	0.07	0.53	0.00	0.00	5.3
1N	300	-0	-1019	0	-66	-0	1023	4.02	4.02	6.03	4.02	2	0.32	0.03	0.27	0.00	0.00	5.3
1O	300	-0	-2739	-0	-66	0	-1664	4.02	4.02	4.02	6.03	2	0.52	0.07	0.53	0.00	0.00	5.3
1P	300	-0	-1019	-0	-66	0	1023	4.02	4.02	6.03	4.02	2	0.32	0.03	0.27	0.00	0.00	5.3
2	300	-0	-2825	0	-0	0	-563	4.02	4.02	4.02	6.03	2	0.18	0.06	0.42	0.00	0.00	5.3
7	300	-0	-2210	0	-0	0	-441	4.02	4.02	4.02	6.03	2	0.14	0.05	0.33	0.00	0.00	5.3

apost= --      aant= --      ainf= 2.01 asup= 2.01 (e arm. base= 4 X 2.01) staffe= 2 d 8 / 5.3

MOMENTO MASSIMO IN CAMPATA

NC	x	Mmax	AINF	AINF	agg.	ASUP	ASUP	agg.	x/d	Indice di resistenza
	cm	kg*m	cmq	cmq		cmq	cmq			flessione
--	150	2119	6.03	1 d 16		4.02	--		0.14	0.66

Nome travata: **Travi04\_IP1**      Descrizione: **Travi 2-7**  
**ASTA NUM. 2**      NI 19      NF 12      SEZ.      Rp B= 60.0      H= 24.0      (trave)

categoria: p.p. y Permanente      Neve      qy tot.  
qy medio: 3.6000      17.8500      3.4000      24.8500      kg/cm

armatura base = 4 X 2.01      per le armature aggiuntive consultare il tabulato

NC	x	Fx	Fy	Fz	Mx	My	Mz	APOST	AANT	AINF	ASUP	campo	Indice	resistenza	aswta	aswto	PASSO	
	cm		kg			kg*m				cmq			Fx,M	Bielle	V,Mx	cmq/m	cm	
1A	0	-0	2928	0	-41	0	-257	4.02	4.02	4.02	6.03	2	0.08	0.07	0.51	0.00	0.00	5.3
1B	0	-0	3508	0	-41	0	-1128	4.02	4.02	4.02	6.03	2	0.35	0.08	0.60	0.00	0.00	5.3
1C	0	-0	2928	-0	-41	0	-257	4.02	4.02	4.02	6.03	2	0.08	0.07	0.51	0.00	0.00	5.3

1D	0	-0	3508	-0	-41	0	-1128	4.02	4.02	4.02	6.03	2	0.35	0.08	0.60	0.00	0.00	5.3
1E	0	-0	2928	0	-41	0	-257	4.02	4.02	4.02	6.03	2	0.08	0.07	0.51	0.00	0.00	5.3
1F	0	-0	3508	0	-41	0	-1128	4.02	4.02	4.02	6.03	2	0.35	0.08	0.60	0.00	0.00	5.3
1G	0	-0	2928	-0	-41	0	-257	4.02	4.02	4.02	6.03	2	0.08	0.07	0.51	0.00	0.00	5.3
1H	0	-0	3508	-0	-41	0	-1128	4.02	4.02	4.02	6.03	2	0.35	0.08	0.60	0.00	0.00	5.3
1I	0	-0	2375	0	-52	0	1133	4.02	4.02	6.03	4.02	2	0.35	0.06	0.45	0.00	0.00	5.3
1J	0	-0	4061	0	-52	0	-1957	4.02	4.02	4.02	6.03	2	0.61	0.09	0.70	0.00	0.00	5.3
1K	0	-0	2375	-0	-52	-0	1133	4.02	4.02	6.03	4.02	2	0.35	0.06	0.45	0.00	0.00	5.3
1L	0	-0	4061	-0	-52	-0	-1957	4.02	4.02	4.02	6.03	2	0.61	0.09	0.70	0.00	0.00	5.3
1M	0	-0	2375	0	-52	0	1133	4.02	4.02	6.03	4.02	2	0.35	0.06	0.45	0.00	0.00	5.3
1N	0	-0	4061	0	-52	0	-1957	4.02	4.02	4.02	6.03	2	0.61	0.09	0.70	0.00	0.00	5.3
1O	0	-0	2375	-0	-52	-0	1133	4.02	4.02	6.03	4.02	2	0.35	0.06	0.45	0.00	0.00	5.3
1P	0	-0	4061	-0	-52	-0	-1957	4.02	4.02	4.02	6.03	2	0.61	0.09	0.70	0.00	0.00	5.3
2	0	-0	4948	0	-0	0	-1071	4.02	4.02	4.02	6.03	2	0.33	0.11	0.74	0.00	0.00	5.3
7	0	-0	3881	0	-0	0	-841	4.02	4.02	4.02	6.03	2	0.26	0.08	0.58	0.00	0.00	5.3

apost= --      aant= --      ainf= 2.01 asup= 2.01 (e arm. base= 4 X 2.01) staffe= 2 d 8 / 5.3

1A	60	-0	1641	0	-41	0	1018	4.02	4.02	6.03	4.02	2	0.32	0.04	0.32	0.00	0.00	11.2
1B	60	-0	2221	0	-41	0	633	4.02	4.02	6.03	4.02	2	0.20	0.05	0.41	0.00	0.00	11.2
1C	60	-0	1641	-0	-41	0	1018	4.02	4.02	6.03	4.02	2	0.32	0.04	0.32	0.00	0.00	11.2
1D	60	-0	2221	-0	-41	0	633	4.02	4.02	6.03	4.02	2	0.20	0.05	0.41	0.00	0.00	11.2
1E	60	-0	1641	0	-41	0	1018	4.02	4.02	6.03	4.02	2	0.32	0.04	0.32	0.00	0.00	11.2
1F	60	-0	2221	0	-41	0	633	4.02	4.02	6.03	4.02	2	0.20	0.05	0.41	0.00	0.00	11.2
1G	60	-0	1641	-0	-41	0	1018	4.02	4.02	6.03	4.02	2	0.32	0.04	0.32	0.00	0.00	11.2
1H	60	-0	2221	-0	-41	0	633	4.02	4.02	6.03	4.02	2	0.20	0.05	0.41	0.00	0.00	11.2
1I	60	-0	1088	0	-52	0	1385	4.02	4.02	6.03	4.02	2	0.43	0.03	0.26	0.00	0.00	11.2
1J	60	-0	2774	0	-52	0	-1045	4.02	4.02	4.02	6.03	2	0.33	0.07	0.51	0.00	0.00	11.2
1K	60	-0	1088	-0	-52	-0	1385	4.02	4.02	6.03	4.02	2	0.43	0.03	0.26	0.00	0.00	11.2
1L	60	-0	2774	-0	-52	-0	-1045	4.02	4.02	4.02	6.03	2	0.33	0.07	0.51	0.00	0.00	11.2
1M	60	-0	1088	0	-52	0	1385	4.02	4.02	6.03	4.02	2	0.43	0.03	0.26	0.00	0.00	11.2
1N	60	-0	2774	0	-52	0	-1045	4.02	4.02	4.02	6.03	2	0.33	0.07	0.51	0.00	0.00	11.2
1O	60	-0	1088	-0	-52	-0	1385	4.02	4.02	6.03	4.02	2	0.43	0.03	0.26	0.00	0.00	11.2
1P	60	-0	2774	-0	-52	-0	-1045	4.02	4.02	4.02	6.03	2	0.33	0.07	0.51	0.00	0.00	11.2
2	60	-0	2969	0	-0	0	1263	4.02	4.02	6.03	4.02	2	0.39	0.06	0.45	0.00	0.00	11.2
7	60	-0	2329	0	-0	0	990	4.02	4.02	6.03	4.02	2	0.31	0.05	0.35	0.00	0.00	11.2

apost= --      aant= --      ainf= 2.01 asup= 2.01 (e arm. base= 4 X 2.01) staffe= 2 d 8 / 11.2

1A	120	-0	354	0	-41	0	1312	4.02	4.02	6.03	4.02	2	0.41	0.01	0.13	0.00	0.00	11.2
1B	120	-0	934	0	-41	0	1275	4.02	4.02	6.03	4.02	2	0.40	0.03	0.21	0.00	0.00	11.2
1C	120	-0	354	-0	-41	0	1312	4.02	4.02	6.03	4.02	2	0.41	0.01	0.13	0.00	0.00	11.2
1D	120	-0	934	-0	-41	0	1275	4.02	4.02	6.03	4.02	2	0.40	0.03	0.21	0.00	0.00	11.2
1E	120	-0	354	0	-41	0	1312	4.02	4.02	6.03	4.02	2	0.41	0.01	0.13	0.00	0.00	11.2
1F	120	-0	934	0	-41	0	1275	4.02	4.02	6.03	4.02	2	0.40	0.03	0.21	0.00	0.00	11.2
1G	120	-0	354	-0	-41	0	1312	4.02	4.02	6.03	4.02	2	0.41	0.01	0.13	0.00	0.00	11.2
1H	120	-0	934	-0	-41	0	1275	4.02	4.02	6.03	4.02	2	0.40	0.03	0.21	0.00	0.00	11.2
1I	120	-0	-200	0	-52	0	1395	4.02	4.02	6.03	4.02	2	0.43	0.01	0.12	0.00	0.00	11.2
1J	120	-0	1487	0	-52	0	1240	4.02	4.02	6.03	4.02	2	0.39	0.04	0.32	0.00	0.00	11.2
1K	120	-0	-200	-0	-52	0	1395	4.02	4.02	6.03	4.02	2	0.43	0.01	0.12	0.00	0.00	11.2
1L	120	-0	1487	-0	-52	0	1240	4.02	4.02	6.03	4.02	2	0.39	0.04	0.32	0.00	0.00	11.2
1M	120	-0	-200	0	-52	0	1395	4.02	4.02	6.03	4.02	2	0.43	0.01	0.12	0.00	0.00	11.2
1N	120	-0	1487	0	-52	0	1240	4.02	4.02	6.03	4.02	2	0.39	0.04	0.32	0.00	0.00	11.2
1O	120	-0	-200	-0	-52	0	1395	4.02	4.02	6.03	4.02	2	0.43	0.01	0.12	0.00	0.00	11.2
1P	120	-0	1487	-0	-52	0	1240	4.02	4.02	6.03	4.02	2	0.39	0.04	0.32	0.00	0.00	11.2
2	120	-0	990	0	-0	0	1749	4.02	4.02	6.03	4.02	2	0.55	0.02	0.15	0.00	0.00	11.2
7	120	-0	776	0	-0	0	1371	4.02	4.02	6.03	4.02	2	0.43	0.02	0.12	0.00	0.00	11.2

apost= --      aant= --      ainf= 2.01 asup= --      (e arm. base= 4 X 2.01) staffe= 2 d 8 / 11.2

1A	180	-0	-934	0	-41	0	1275	4.02	4.02	6.03	4.02	2	0.40	0.03	0.21	0.00	0.00	11.2
1B	180	-0	-354	0	-41	0	1312	4.02	4.02	6.03	4.02	2	0.41	0.01	0.13	0.00	0.00	11.2
1C	180	-0	-934	-0	-41	0	1275	4.02	4.02	6.03	4.02	2	0.40	0.03	0.21	0.00	0.00	11.2
1D	180	-0	-354	-0	-41	0	1312	4.02	4.02	6.03	4.02	2	0.41	0.01	0.13	0.00	0.00	11.2
1E	180	-0	-934	0	-41	0	1275	4.02	4.02	6.03	4.02	2	0.40	0.03	0.21	0.00	0.00	11.2
1F	180	-0	-354	0	-41	0	1312	4.02	4.02	6.03	4.02	2	0.41	0.01	0.13	0.00	0.00	11.2
1G	180	-0	-934	-0	-41	0	1275	4.02	4.02	6.03	4.02	2	0.40	0.03	0.21	0.00	0.00	11.2
1H	180	-0	-354	-0	-41	0	1312	4.02	4.02	6.03	4.02	2	0.41	0.01	0.13	0.00	0.00	11.2
1I	180	-0	-1487	0	-52	0	1240	4.02	4.02	6.03	4.02	2	0.39	0.04	0.32	0.00	0.00	11.2
1J	180	-0	200	0	-52	0	1395	4.02	4.02	6.03	4.02	2	0.43	0.01	0.12	0.00	0.00	11.2
1K	180	-0	-1487	-0	-52	0	1240	4.02	4.02	6.03	4.02	2	0.39	0.04	0.32	0.00	0.00	11.2
1L	180	-0	200	-0	-52	0	1395	4.02	4.02	6.03	4.02	2	0.43	0.01	0.12	0.00	0.00	11.2
1M	180	-0	-1487	0	-52	0	1240	4.02	4.02	6.03	4.02	2	0.39	0.04	0.32	0.00	0.00	11.2
1N	180	-0	200	0	-52	0	1395	4.02	4.02	6.03	4.02	2	0.43	0.01	0.12	0.00	0.00	11.2
1O	180	-0	-1487	-0	-52	0	1240	4.02	4.02	6.03	4.02	2	0.39	0.04	0.32	0.00	0.00	11.2
1P	180	-0	200	-0	-52	0	1395	4.02	4.02	6.03	4.02	2	0.43	0.01	0.12	0.00	0.00	11.2
2	180	-0	-990	0	-0	0	1749	4.02	4.02	6.03	4.02	2	0.55	0.02	0.15	0.00	0.00	11.2
7	180	-0	-776	0	-0	0	1371	4.02	4.02	6.03	4.02	2	0.43	0.02	0.12	0.00	0.00	11.2

apost= --      aant= --      ainf= 2.01 asup= --      (e arm. base= 4 X 2.01) staffe= 2 d 8 / 11.2

1A	240	-0	-2221	0	-41	0	633	4.02	4.02	6.03	4.02	2	0.20	0.05	0.41	0.00	0.00	11.2
1B	240	-0	-1641	0	-41	0	1018	4.02	4.02	6.03	4.02	2	0.32	0.04	0.32	0.00	0.00	11.2
1C	240	-0	-2221	-0	-41	0	633	4.02	4.02	6.03	4.02	2	0.20	0.05	0.41	0.00	0.00	11.2
1D	240	-0	-1641	-0	-41	0	1018	4.02	4.02	6.03	4.02	2	0.32	0.04	0.32	0.00	0.00	11.2
1E	240	-0	-2221	0	-41	0	633	4.02	4.02	6.03	4.02	2	0.20	0.05	0.41	0.00	0.00	11.2
1F	240	-0	-1641	0	-41	0	1018	4.02	4.02	6.03	4.02	2	0.32	0.04	0.32	0.00	0.00	11.2
1G	240	-0	-2221	-0	-41	0	633	4.02	4.02	6.03	4.02	2	0.20	0.05	0.41	0.00	0.00	11.2
1H	240	-0	-1641	-0	-41	0	1018	4.02	4.02	6.03	4.02	2	0.32	0.04	0.32	0.00	0.00	11.2
1I	240	-0	-2774	0	-52	-0	-1045	4.02	4.02	4.02	6.03	2	0.33	0.07	0.51	0.00	0.00	11.2
1J	240	-0	-1088	0	-52	-0	1385	4.02	4.02	6.03	4.02	2	0.43	0.03	0.26	0.00	0.00	11.2
1K	240	-0	-2774	-0	-52	0	-1045	4.02	4.02	4.02	6.03	2	0.33	0.07	0.51	0.00	0.00	11.2
1L	240	-0	-1088	-0	-52	0	1385	4.02	4.02	6.03	4.02	2	0.43	0.03	0.26	0.00	0.00	11.2
1M	240	-0	-2774	0	-52	-0	-1045	4.02	4.02	4.02	6.03	2	0.33	0.07	0.51	0.00	0.00	11.2
1N	240	-0	-1088	0	-52	-0	1385	4.02	4.02	6.03	4.02	2	0.43	0.03	0.26	0.00	0.00	11.2
1O	240	-0	-2774	-0	-52	0	-1045	4.02	4.02	4.02	6.03	2	0.33	0.07	0.51	0.00	0.00	11.2
1P	240	-0	-1088	-0	-52	0	1385	4.02	4.02	6.03	4.02	2	0.43	0.03	0.26	0.00	0.00	11.2
2	240	-0	-2969	0	-0	0	1263	4.02	4.02	6.03	4.02	2	0.39	0.06	0.45	0.00	0.00	11.2
7	240	-0	-2329	0	-0	0	990	4.02	4.02	6.03	4.02	2	0.31	0.05	0.35	0.00	0.00	11.2

1A	300	-0	-3508	0	-41	0	-1128	4.02	4.02	4.02	6.03	2	0.35	0.08	0.60	0.00	0.00	5.3
1B	300	-0	-2928	0	-41	0	-257	4.02	4.02	4.02	6.03	2	0.08	0.07	0.51	0.00	0.00	5.3
1C	300	-0	-3508	-0	-41	0	-1128	4.02	4.02	4.02	6.03	2	0.35	0.08	0.60	0.00	0.00	5.3
1D	300	-0	-2928	-0	-41	0	-257	4.02	4.02	4.02	6.03	2	0.08	0.07	0.51	0.00	0.00	5.3
1E	300	-0	-3508	0	-41	0	-1128	4.02	4.02	4.02	6.03	2	0.35	0.08	0.60	0.00	0.00	5.3
1F	300	-0	-2928	0	-41	0	-257	4.02	4.02	4.02	6.03	2	0.08	0.07	0.51	0.00	0.00	5.3
1G	300	-0	-3508	-0	-41	0	-1128	4.02	4.02	4.02	6.03	2	0.35	0.08	0.60	0.00	0.00	5.3
1H	300	-0	-2928	-0	-41	0	-257	4.02	4.02	4.02	6.03	2	0.08	0.07	0.51	0.00	0.00	5.3
1I	300	-0	-4061	0	-52	-0	-1957	4.02	4.02	4.02	6.03	2	0.61	0.09	0.70	0.00	0.00	5.3
1J	300	-0	-2375	0	-52	-0	1133	4.02	4.02	6.03	4.02	2	0.35	0.06	0.45	0.00	0.00	5.3
1K	300	-0	-4061	-0	-52	0	-1957	4.02	4.02	4.02	6.03	2	0.61	0.09	0.70	0.00	0.00	5.3
1L	300	-0	-2375	-0	-52	0	1133	4.02	4.02	6.03	4.02	2	0.35	0.06	0.45	0.00	0.00	5.3
1M	300	-0	-4061	0	-52	-0	-1957	4.02	4.02	4.02	6.03	2	0.61	0.09	0.70	0.00	0.00	5.3
1N	300	-0	-2375	0	-52	-0	1133	4.02	4.02	6.03	4.02	2	0.35	0.06	0.45	0.00	0.00	5.3
1O	300	-0	-4061	-0	-52	0	-1957	4.02	4.02	4.02	6.03	2	0.61	0.09	0.70	0.00	0.00	5.3
1P	300	-0	-2375	-0	-52	0	1133	4.02	4.02	6.03	4.02	2	0.35	0.06	0.45	0.00	0.00	5.3
2	300	-0	-4948	0	-0	0	-1071	4.02	4.02	4.02	6.03	2	0.33	0.11	0.74	0.00	0.00	5.3
7	300	-0	-3881	0	-0	0	-841	4.02	4.02	4.02	6.03	2	0.26	0.08	0.58	0.00	0.00	5.3

apost= --            aant= --            ainf= 2.01 asup= 2.01 (e arm. base= 4 X 2.01) staffe= 2 d   8 / 5.3

MOMENTO MASSIMO IN CAMPATA

NC	x	Mmax	Mmax	AINF	AINF	agg.	ASUP	ASUP	agg.	x/d	Indice di resistenza	
	cm		kg*m	cmq	cmq		cmq	cmq			flessione	

--            150            3711            6.03            1 d 16            4.02            --            0.16            0.79

Nome travata: **Travi05\_IP1**    Descrizione: **Travi 3-8**  
**ASTA NUM. 3**    NI 18    NF 13    SEZ.   Rp B= 60.0   H= 24.0   (trave)

categoria: p.p. y Permanente    Neve    qy tot.  
qy medio:   3.6000   17.8500       3.4000   24.8500    kg/cm

armatura base = 4 X 2.01            per le armature aggiuntive consultare il tabulato

NC	x	Fx	Fy	Fz	Mx	My	Mz	APOST	AANT	AINF	ASUP	campo	Indice	resistenza	aswta	aswto	PASSO
	cm		kg			kg*m				cmq			Fx,M	Bielle	V,Mx	cmq/m	cm

1A	0	-0	2982	0	-41	0	-328	4.02	4.02	4.02	6.03	2	0.10	0.07	0.52	0.00	0.00	5.3
1B	0	-0	3454	0	-41	0	-1037	4.02	4.02	4.02	6.03	2	0.32	0.08	0.59	0.00	0.00	5.3
1C	0	-0	2982	-0	-41	0	-328	4.02	4.02	4.02	6.03	2	0.10	0.07	0.52	0.00	0.00	5.3
1D	0	-0	3454	-0	-41	0	-1037	4.02	4.02	4.02	6.03	2	0.32	0.08	0.59	0.00	0.00	5.3
1E	0	-0	2982	0	-41	0	-328	4.02	4.02	4.02	6.03	2	0.10	0.07	0.52	0.00	0.00	5.3
1F	0	-0	3454	0	-41	0	-1037	4.02	4.02	4.02	6.03	2	0.32	0.08	0.59	0.00	0.00	5.3
1G	0	-0	2982	-0	-41	0	-328	4.02	4.02	4.02	6.03	2	0.10	0.07	0.52	0.00	0.00	5.3
1H	0	-0	3454	-0	-41	0	-1037	4.02	4.02	4.02	6.03	2	0.32	0.08	0.59	0.00	0.00	5.3
1I	0	-0	2430	0	-52	0	1074	4.02	4.02	6.03	4.02	2	0.33	0.06	0.46	0.00	0.00	5.3
1J	0	-0	4006	0	-52	0	-1864	4.02	4.02	4.02	6.03	2	0.58	0.09	0.70	0.00	0.00	5.3
1K	0	-0	2430	-0	-52	-0	1074	4.02	4.02	6.03	4.02	2	0.33	0.06	0.46	0.00	0.00	5.3
1L	0	-0	4006	-0	-52	-0	-1864	4.02	4.02	4.02	6.03	2	0.58	0.09	0.70	0.00	0.00	5.3
1M	0	-0	2430	0	-52	0	1074	4.02	4.02	6.03	4.02	2	0.33	0.06	0.46	0.00	0.00	5.3
1N	0	-0	4006	0	-52	0	-1864	4.02	4.02	4.02	6.03	2	0.58	0.09	0.70	0.00	0.00	5.3
1O	0	-0	2430	-0	-52	-0	1074	4.02	4.02	6.03	4.02	2	0.33	0.06	0.46	0.00	0.00	5.3
1P	0	-0	4006	-0	-52	-0	-1864	4.02	4.02	4.02	6.03	2	0.58	0.09	0.70	0.00	0.00	5.3
2	0	-0	4948	0	-0	0	-1056	4.02	4.02	4.02	6.03	2	0.33	0.11	0.74	0.00	0.00	5.3
7	0	-0	3881	0	-0	0	-829	4.02	4.02	4.02	6.03	2	0.26	0.08	0.58	0.00	0.00	5.3

apost= --            aant= --            ainf= 2.01 asup= 2.01 (e arm. base= 4 X 2.01) staffe= 2 d   8 / 5.3

1A	60	-0	1694	0	-41	0	992	4.02	4.02	6.03	4.02	2	0.31	0.04	0.33	0.00	0.00	11.2
1B	60	-0	2167	0	-41	0	679	4.02	4.02	6.03	4.02	2	0.21	0.05	0.40	0.00	0.00	11.2
1C	60	-0	1694	-0	-41	0	992	4.02	4.02	6.03	4.02	2	0.31	0.04	0.33	0.00	0.00	11.2
1D	60	-0	2167	-0	-41	0	679	4.02	4.02	6.03	4.02	2	0.21	0.05	0.40	0.00	0.00	11.2
1E	60	-0	1694	0	-41	0	992	4.02	4.02	6.03	4.02	2	0.31	0.04	0.33	0.00	0.00	11.2
1F	60	-0	2167	0	-41	0	679	4.02	4.02	6.03	4.02	2	0.21	0.05	0.40	0.00	0.00	11.2
1G	60	-0	1694	-0	-41	0	992	4.02	4.02	6.03	4.02	2	0.31	0.04	0.33	0.00	0.00	11.2
1H	60	-0	2167	-0	-41	0	679	4.02	4.02	6.03	4.02	2	0.21	0.05	0.40	0.00	0.00	11.2
1I	60	-0	1143	0	-52	0	1359	4.02	4.02	6.03	4.02	2	0.42	0.03	0.27	0.00	0.00	11.2
1J	60	-0	2719	0	-52	0	-972	4.02	4.02	4.02	6.03	2	0.30	0.07	0.50	0.00	0.00	11.2
1K	60	-0	1143	-0	-52	-0	1359	4.02	4.02	6.03	4.02	2	0.42	0.03	0.27	0.00	0.00	11.2
1L	60	-0	2719	-0	-52	-0	-972	4.02	4.02	4.02	6.03	2	0.30	0.07	0.50	0.00	0.00	11.2
1M	60	-0	1143	0	-52	0	1359	4.02	4.02	6.03	4.02	2	0.42	0.03	0.27	0.00	0.00	11.2
1N	60	-0	2719	0	-52	0	-972	4.02	4.02	4.02	6.03	2	0.30	0.07	0.50	0.00	0.00	11.2
1O	60	-0	1143	-0	-52	-0	1359	4.02	4.02	6.03	4.02	2	0.42	0.03	0.27	0.00	0.00	11.2
1P	60	-0	2719	-0	-52	-0	-972	4.02	4.02	4.02	6.03	2	0.30	0.07	0.50	0.00	0.00	11.2
2	60	-0	2969	0	-0	0	1278	4.02	4.02	6.03	4.02	2	0.40	0.06	0.45	0.00	0.00	11.2
7	60	-0	2329	0	-0	0	1002	4.02	4.02	6.03	4.02	2	0.31	0.05	0.35	0.00	0.00	11.2

apost= --            aant= --            ainf= 2.01 asup= 2.01 (e arm. base= 4 X 2.01) staffe= 2 d   8 / 11.2

1A	120	-0	407	0	-41	0	1319	4.02	4.02	6.03	4.02	2	0.41	0.01	0.14	0.00	0.00	11.2
1B	120	-0	880	0	-41	0	1289	4.02	4.02	6.03	4.02	2	0.40	0.02	0.21	0.00	0.00	11.2
1C	120	-0	407	-0	-41	0	1319	4.02	4.02	6.03	4.02	2	0.41	0.01	0.14	0.00	0.00	11.2
1D	120	-0	880	-0	-41	0	1289	4.02	4.02	6.03	4.02	2	0.40	0.02	0.21	0.00	0.00	11.2
1E	120	-0	407	0	-41	0	1319	4.02	4.02	6.03	4.02	2	0.41	0.01	0.14	0.00	0.00	11.2
1F	120	-0	880	0	-41	0	1289	4.02	4.02	6.03	4.02	2	0.40	0.02	0.21	0.00	0.00	11.2
1G	120	-0	407	-0	-41	0	1319	4.02	4.02	6.03	4.02	2	0.41	0.01	0.14	0.00	0.00	11.2
1H	120	-0	880	-0	-41	0	1289	4.02	4.02	6.03	4.02	2	0.40	0.02	0.21	0.00	0.00	11.2
1I	120	-0	-145	0	-52	0	1388	4.02	4.02	6.03	4.02	2	0.43	0.01	0.12	0.00	0.00	11.2
1J	120	-0	1432	0	-52	0	1253	4.02	4.02	6.03	4.02	2	0.39	0.04	0.31	0.00	0.00	11.2
1K	120	-0	-145	-0	-52	0	1388	4.02	4.02	6.03	4.02	2	0.43	0.01	0.12	0.00	0.00	11.2
1L	120	-0	1432	-0	-52	0	1253	4.02	4.02	6.03	4.02	2	0.39	0.04	0.31	0.00	0.00	11.2
1M	120	-0	-145	0	-52	0	1388	4.02	4.02	6.03	4.02	2	0.43	0.01	0.12	0.00	0.00	11.2
1N	120	-0	1432	0	-52	0	1253	4.02	4.02	6.03	4.02	2	0.39	0.04	0.31	0.00	0.00	11.2
1O	120	-0	-145	-0	-52	0	1388	4.02	4.02	6.03	4.02	2	0.43	0.01	0.12	0.00	0.00	11.2

1P	120	-0	1432	-0	-52	0	1253	4.02	4.02	6.03	4.02	2	0.39	0.04	0.31	0.00	0.00	11.2
2	120	-0	990	0	-0	0	1764	4.02	4.02	6.03	4.02	2	0.55	0.02	0.15	0.00	0.00	11.2
7	120	-0	776	0	-0	0	1383	4.02	4.02	6.03	4.02	2	0.43	0.02	0.12	0.00	0.00	11.2

apost= --      aant= --      ainf= 2.01 asup= --      (e arm. base= 4 X 2.01) staffe= 2 d 8 / 11.2

1A	180	-0	-880	0	-41	0	1289	4.02	4.02	6.03	4.02	2	0.40	0.02	0.21	0.00	0.00	11.2
1B	180	-0	-407	0	-41	0	1319	4.02	4.02	6.03	4.02	2	0.41	0.01	0.14	0.00	0.00	11.2
1C	180	-0	-880	-0	-41	0	1289	4.02	4.02	6.03	4.02	2	0.40	0.02	0.21	0.00	0.00	11.2
1D	180	-0	-407	-0	-41	0	1319	4.02	4.02	6.03	4.02	2	0.41	0.01	0.14	0.00	0.00	11.2
1E	180	-0	-880	0	-41	0	1289	4.02	4.02	6.03	4.02	2	0.40	0.02	0.21	0.00	0.00	11.2
1F	180	-0	-407	0	-41	0	1319	4.02	4.02	6.03	4.02	2	0.41	0.01	0.14	0.00	0.00	11.2
1G	180	-0	-880	-0	-41	0	1289	4.02	4.02	6.03	4.02	2	0.40	0.02	0.21	0.00	0.00	11.2
1H	180	-0	-407	-0	-41	0	1319	4.02	4.02	6.03	4.02	2	0.41	0.01	0.14	0.00	0.00	11.2
1I	180	-0	-1432	0	-52	0	1253	4.02	4.02	6.03	4.02	2	0.39	0.04	0.31	0.00	0.00	11.2
1J	180	-0	145	0	-52	0	1388	4.02	4.02	6.03	4.02	2	0.43	0.01	0.12	0.00	0.00	11.2
1K	180	-0	-1432	-0	-52	0	1253	4.02	4.02	6.03	4.02	2	0.39	0.04	0.31	0.00	0.00	11.2
1L	180	-0	145	-0	-52	0	1388	4.02	4.02	6.03	4.02	2	0.43	0.01	0.12	0.00	0.00	11.2
1M	180	-0	-1432	0	-52	0	1253	4.02	4.02	6.03	4.02	2	0.39	0.04	0.31	0.00	0.00	11.2
1N	180	-0	145	0	-52	0	1388	4.02	4.02	6.03	4.02	2	0.43	0.01	0.12	0.00	0.00	11.2
1O	180	-0	-1432	-0	-52	0	1253	4.02	4.02	6.03	4.02	2	0.39	0.04	0.31	0.00	0.00	11.2
1P	180	-0	145	-0	-52	0	1388	4.02	4.02	6.03	4.02	2	0.43	0.01	0.12	0.00	0.00	11.2
2	180	-0	-990	0	-0	0	1764	4.02	4.02	6.03	4.02	2	0.55	0.02	0.15	0.00	0.00	11.2
7	180	-0	-776	0	-0	0	1383	4.02	4.02	6.03	4.02	2	0.43	0.02	0.12	0.00	0.00	11.2

apost= --      aant= --      ainf= 2.01 asup= --      (e arm. base= 4 X 2.01) staffe= 2 d 8 / 11.2

1A	240	-0	-2167	0	-41	0	679	4.02	4.02	6.03	4.02	2	0.21	0.05	0.40	0.00	0.00	11.2
1B	240	-0	-1694	0	-41	0	992	4.02	4.02	6.03	4.02	2	0.31	0.04	0.33	0.00	0.00	11.2
1C	240	-0	-2167	-0	-41	0	679	4.02	4.02	6.03	4.02	2	0.21	0.05	0.40	0.00	0.00	11.2
1D	240	-0	-1694	-0	-41	0	992	4.02	4.02	6.03	4.02	2	0.31	0.04	0.33	0.00	0.00	11.2
1E	240	-0	-2167	0	-41	0	679	4.02	4.02	6.03	4.02	2	0.21	0.05	0.40	0.00	0.00	11.2
1F	240	-0	-1694	0	-41	0	992	4.02	4.02	6.03	4.02	2	0.31	0.04	0.33	0.00	0.00	11.2
1G	240	-0	-2167	-0	-41	0	679	4.02	4.02	6.03	4.02	2	0.21	0.05	0.40	0.00	0.00	11.2
1H	240	-0	-1694	-0	-41	0	992	4.02	4.02	6.03	4.02	2	0.31	0.04	0.33	0.00	0.00	11.2
1I	240	-0	-2719	0	-52	-0	-972	4.02	4.02	4.02	6.03	2	0.30	0.07	0.50	0.00	0.00	11.2
1J	240	-0	-1143	0	-52	-0	1359	4.02	4.02	6.03	4.02	2	0.42	0.03	0.27	0.00	0.00	11.2
1K	240	-0	-2719	-0	-52	0	-972	4.02	4.02	4.02	6.03	2	0.30	0.07	0.50	0.00	0.00	11.2
1L	240	-0	-1143	-0	-52	0	1359	4.02	4.02	6.03	4.02	2	0.42	0.03	0.27	0.00	0.00	11.2
1M	240	-0	-2719	0	-52	-0	-972	4.02	4.02	4.02	6.03	2	0.30	0.07	0.50	0.00	0.00	11.2
1N	240	-0	-1143	0	-52	-0	1359	4.02	4.02	6.03	4.02	2	0.42	0.03	0.27	0.00	0.00	11.2
1O	240	-0	-2719	-0	-52	0	-972	4.02	4.02	4.02	6.03	2	0.30	0.07	0.50	0.00	0.00	11.2
1P	240	-0	-1143	-0	-52	0	1359	4.02	4.02	6.03	4.02	2	0.42	0.03	0.27	0.00	0.00	11.2
2	240	-0	-2969	0	-0	0	1278	4.02	4.02	6.03	4.02	2	0.40	0.06	0.45	0.00	0.00	11.2
7	240	-0	-2329	0	-0	0	1002	4.02	4.02	6.03	4.02	2	0.31	0.05	0.35	0.00	0.00	11.2

apost= --      aant= --      ainf= 2.01 asup= 2.01 (e arm. base= 4 X 2.01) staffe= 2 d 8 / 11.2

1A	300	-0	-3454	0	-41	0	-1037	4.02	4.02	4.02	6.03	2	0.32	0.08	0.59	0.00	0.00	5.3
1B	300	-0	-2982	0	-41	0	-328	4.02	4.02	4.02	6.03	2	0.10	0.07	0.52	0.00	0.00	5.3
1C	300	-0	-3454	-0	-41	0	-1037	4.02	4.02	4.02	6.03	2	0.32	0.08	0.59	0.00	0.00	5.3
1D	300	-0	-2982	-0	-41	0	-328	4.02	4.02	4.02	6.03	2	0.10	0.07	0.52	0.00	0.00	5.3
1E	300	-0	-3454	0	-41	0	-1037	4.02	4.02	4.02	6.03	2	0.32	0.08	0.59	0.00	0.00	5.3
1F	300	-0	-2982	0	-41	0	-328	4.02	4.02	4.02	6.03	2	0.10	0.07	0.52	0.00	0.00	5.3
1G	300	-0	-3454	-0	-41	0	-1037	4.02	4.02	4.02	6.03	2	0.32	0.08	0.59	0.00	0.00	5.3
1H	300	-0	-2982	-0	-41	0	-328	4.02	4.02	4.02	6.03	2	0.10	0.07	0.52	0.00	0.00	5.3
1I	300	-0	-4006	0	-52	-0	-1864	4.02	4.02	4.02	6.03	2	0.58	0.09	0.70	0.00	0.00	5.3
1J	300	-0	-2430	0	-52	-0	1074	4.02	4.02	6.03	4.02	2	0.33	0.06	0.46	0.00	0.00	5.3
1K	300	-0	-4006	-0	-52	0	-1864	4.02	4.02	4.02	6.03	2	0.58	0.09	0.70	0.00	0.00	5.3
1L	300	-0	-2430	-0	-52	0	1074	4.02	4.02	6.03	4.02	2	0.33	0.06	0.46	0.00	0.00	5.3
1M	300	-0	-4006	0	-52	-0	-1864	4.02	4.02	4.02	6.03	2	0.58	0.09	0.70	0.00	0.00	5.3
1N	300	-0	-2430	0	-52	-0	1074	4.02	4.02	6.03	4.02	2	0.33	0.06	0.46	0.00	0.00	5.3
1O	300	-0	-4006	-0	-52	0	-1864	4.02	4.02	4.02	6.03	2	0.58	0.09	0.70	0.00	0.00	5.3
1P	300	-0	-2430	-0	-52	0	1074	4.02	4.02	6.03	4.02	2	0.33	0.06	0.46	0.00	0.00	5.3
2	300	-0	-4948	0	-0	0	-1056	4.02	4.02	4.02	6.03	2	0.33	0.11	0.74	0.00	0.00	5.3
7	300	-0	-3881	0	-0	0	-829	4.02	4.02	4.02	6.03	2	0.26	0.08	0.58	0.00	0.00	5.3

apost= --      aant= --      ainf= 2.01 asup= 2.01 (e arm. base= 4 X 2.01) staffe= 2 d 8 / 5.3

MOMENTO MASSIMO IN CAMPATA

NC	x	Mmax	AINF	AINF	agg.	ASUP	ASUP	agg.	x/d	Indice di resistenza
	cm	kg*m	cmq	cmq		cmq	cmq			flessione
--	150	3711	6.03	1 d 16		4.02	--		0.16	0.79

Nome travata: **Travi06\_IP1** Descrizione: **Travi 4-9**  
**ASTA NUM. 4**      NI 17      NF 14      SEZ. Rp B= 60.0 H= 24.0 (trave)

categoria: p.p. y Permanente      Neve      qy tot.  
qy medio: 3.6000 17.8500      3.4000 24.8500      kg/cm

armatura base = 4 X 2.01      per le armature aggiuntive consultare il tabulato

NC	x	Fx	Fy	Fz	Mx	My	Mz	APOST	AANT	AINF	ASUP	campo	Indice	resistenza	aswta	aswto	PASSO	
	cm		kg			kg*m				cmq			Fx,M	Bielle	V,Mx	cmq/m	cm	
1A	0	-0	2927	0	-41	0	-257	4.02	4.02	4.02	6.03	2	0.08	0.07	0.51	0.00	0.00	5.3
1B	0	-0	3507	0	-41	0	-1128	4.02	4.02	4.02	6.03	2	0.35	0.08	0.60	0.00	0.00	5.3
1C	0	-0	2927	-0	-41	0	-257	4.02	4.02	4.02	6.03	2	0.08	0.07	0.51	0.00	0.00	5.3
1D	0	-0	3507	-0	-41	0	-1128	4.02	4.02	4.02	6.03	2	0.35	0.08	0.60	0.00	0.00	5.3
1E	0	-0	2927	0	-41	0	-257	4.02	4.02	4.02	6.03	2	0.08	0.07	0.51	0.00	0.00	5.3
1F	0	-0	3507	0	-41	0	-1128	4.02	4.02	4.02	6.03	2	0.35	0.08	0.60	0.00	0.00	5.3
1G	0	-0	2927	-0	-41	0	-257	4.02	4.02	4.02	6.03	2	0.08	0.07	0.51	0.00	0.00	5.3
1H	0	-0	3507	-0	-41	0	-1128	4.02	4.02	4.02	6.03	2	0.35	0.08	0.60	0.00	0.00	5.3
1I	0	-0	2374	0	-52	0	1133	4.02	4.02	6.03	4.02	2	0.35	0.06	0.45	0.00	0.00	5.3



1J	0	-0	4060	0	-52	0	-1957	4.02	4.02	4.02	6.03	2	0.61	0.09	0.70	0.00	0.00	5.3
1K	0	-0	2374	-0	-52	-0	1133	4.02	4.02	6.03	4.02	2	0.35	0.06	0.45	0.00	0.00	5.3
1L	0	-0	4060	-0	-52	-0	-1957	4.02	4.02	4.02	6.03	2	0.61	0.09	0.70	0.00	0.00	5.3
1M	0	-0	2374	0	-52	0	1133	4.02	4.02	6.03	4.02	2	0.35	0.06	0.45	0.00	0.00	5.3
1N	0	-0	4060	0	-52	0	-1957	4.02	4.02	4.02	6.03	2	0.61	0.09	0.70	0.00	0.00	5.3
1O	0	-0	2374	-0	-52	-0	1133	4.02	4.02	6.03	4.02	2	0.35	0.06	0.45	0.00	0.00	5.3
1P	0	-0	4060	-0	-52	-0	-1957	4.02	4.02	4.02	6.03	2	0.61	0.09	0.70	0.00	0.00	5.3
2	0	-0	4948	0	-0	0	-1071	4.02	4.02	4.02	6.03	2	0.33	0.11	0.74	0.00	0.00	5.3
7	0	-0	3880	0	-0	0	-841	4.02	4.02	4.02	6.03	2	0.26	0.08	0.58	0.00	0.00	5.3

apost= --            aant= --            ainf= 2.01 asup= 2.01 (e arm. base= 4 X 2.01) staffe= 2 d    8 / 5.3

1A	60	-0	1640	0	-41	0	1018	4.02	4.02	6.03	4.02	2	0.32	0.04	0.32	0.00	0.00	11.2
1B	60	-0	2220	0	-41	0	633	4.02	4.02	6.03	4.02	2	0.20	0.05	0.41	0.00	0.00	11.2
1C	60	-0	1640	-0	-41	0	1018	4.02	4.02	6.03	4.02	2	0.32	0.04	0.32	0.00	0.00	11.2
1D	60	-0	2220	-0	-41	0	633	4.02	4.02	6.03	4.02	2	0.20	0.05	0.41	0.00	0.00	11.2
1E	60	-0	1640	0	-41	0	1018	4.02	4.02	6.03	4.02	2	0.32	0.04	0.32	0.00	0.00	11.2
1F	60	-0	2220	0	-41	0	633	4.02	4.02	6.03	4.02	2	0.20	0.05	0.41	0.00	0.00	11.2
1G	60	-0	1640	-0	-41	0	1018	4.02	4.02	6.03	4.02	2	0.32	0.04	0.32	0.00	0.00	11.2
1H	60	-0	2220	-0	-41	0	633	4.02	4.02	6.03	4.02	2	0.20	0.05	0.41	0.00	0.00	11.2
1I	60	-0	1087	0	-52	0	1385	4.02	4.02	6.03	4.02	2	0.43	0.03	0.26	0.00	0.00	11.2
1J	60	-0	2773	0	-52	0	-1044	4.02	4.02	4.02	6.03	2	0.33	0.07	0.51	0.00	0.00	11.2
1K	60	-0	1087	-0	-52	-0	1385	4.02	4.02	6.03	4.02	2	0.43	0.03	0.26	0.00	0.00	11.2
1L	60	-0	2773	-0	-52	-0	-1044	4.02	4.02	4.02	6.03	2	0.33	0.07	0.51	0.00	0.00	11.2
1M	60	-0	1087	0	-52	0	1385	4.02	4.02	6.03	4.02	2	0.43	0.03	0.26	0.00	0.00	11.2
1N	60	-0	2773	0	-52	0	-1044	4.02	4.02	4.02	6.03	2	0.33	0.07	0.51	0.00	0.00	11.2
1O	60	-0	1087	-0	-52	-0	1385	4.02	4.02	6.03	4.02	2	0.43	0.03	0.26	0.00	0.00	11.2
1P	60	-0	2773	-0	-52	-0	-1044	4.02	4.02	4.02	6.03	2	0.33	0.07	0.51	0.00	0.00	11.2
2	60	-0	2969	0	-0	0	1263	4.02	4.02	6.03	4.02	2	0.39	0.06	0.45	0.00	0.00	11.2
7	60	-0	2328	0	-0	0	990	4.02	4.02	6.03	4.02	2	0.31	0.05	0.35	0.00	0.00	11.2

apost= --            aant= --            ainf= 2.01 asup= 2.01 (e arm. base= 4 X 2.01) staffe= 2 d    8 / 11.2

1A	120	-0	353	0	-41	0	1312	4.02	4.02	6.03	4.02	2	0.41	0.01	0.13	0.00	0.00	11.2
1B	120	-0	933	0	-41	0	1275	4.02	4.02	6.03	4.02	2	0.40	0.03	0.21	0.00	0.00	11.2
1C	120	-0	353	-0	-41	0	1312	4.02	4.02	6.03	4.02	2	0.41	0.01	0.13	0.00	0.00	11.2
1D	120	-0	933	-0	-41	0	1275	4.02	4.02	6.03	4.02	2	0.40	0.03	0.21	0.00	0.00	11.2
1E	120	-0	353	0	-41	0	1312	4.02	4.02	6.03	4.02	2	0.41	0.01	0.13	0.00	0.00	11.2
1F	120	-0	933	0	-41	0	1275	4.02	4.02	6.03	4.02	2	0.40	0.03	0.21	0.00	0.00	11.2
1G	120	-0	353	-0	-41	0	1312	4.02	4.02	6.03	4.02	2	0.41	0.01	0.13	0.00	0.00	11.2
1H	120	-0	933	-0	-41	0	1275	4.02	4.02	6.03	4.02	2	0.40	0.03	0.21	0.00	0.00	11.2
1I	120	-0	-200	0	-52	0	1395	4.02	4.02	6.03	4.02	2	0.43	0.01	0.12	0.00	0.00	11.2
1J	120	-0	1486	0	-52	0	1240	4.02	4.02	6.03	4.02	2	0.39	0.04	0.32	0.00	0.00	11.2
1K	120	-0	-200	-0	-52	0	1395	4.02	4.02	6.03	4.02	2	0.43	0.01	0.12	0.00	0.00	11.2
1L	120	-0	1486	-0	-52	0	1240	4.02	4.02	6.03	4.02	2	0.39	0.04	0.32	0.00	0.00	11.2
1M	120	-0	-200	0	-52	0	1395	4.02	4.02	6.03	4.02	2	0.43	0.01	0.12	0.00	0.00	11.2
1N	120	-0	1486	0	-52	0	1240	4.02	4.02	6.03	4.02	2	0.39	0.04	0.32	0.00	0.00	11.2
1O	120	-0	-200	-0	-52	0	1395	4.02	4.02	6.03	4.02	2	0.43	0.01	0.12	0.00	0.00	11.2
1P	120	-0	1486	-0	-52	0	1240	4.02	4.02	6.03	4.02	2	0.39	0.04	0.32	0.00	0.00	11.2
2	120	-0	990	0	-0	0	1749	4.02	4.02	6.03	4.02	2	0.55	0.02	0.15	0.00	0.00	11.2
7	120	-0	776	0	-0	0	1371	4.02	4.02	6.03	4.02	2	0.43	0.02	0.12	0.00	0.00	11.2

apost= --            aant= --            ainf= 2.01 asup= --            (e arm. base= 4 X 2.01) staffe= 2 d    8 / 11.2

1A	180	-0	-934	0	-41	0	1275	4.02	4.02	6.03	4.02	2	0.40	0.03	0.21	0.00	0.00	11.2
1B	180	-0	-354	0	-41	0	1312	4.02	4.02	6.03	4.02	2	0.41	0.01	0.13	0.00	0.00	11.2
1C	180	-0	-934	-0	-41	0	1275	4.02	4.02	6.03	4.02	2	0.40	0.03	0.21	0.00	0.00	11.2
1D	180	-0	-354	-0	-41	0	1312	4.02	4.02	6.03	4.02	2	0.41	0.01	0.13	0.00	0.00	11.2
1E	180	-0	-934	0	-41	0	1275	4.02	4.02	6.03	4.02	2	0.40	0.03	0.21	0.00	0.00	11.2
1F	180	-0	-354	0	-41	0	1312	4.02	4.02	6.03	4.02	2	0.41	0.01	0.13	0.00	0.00	11.2
1G	180	-0	-934	-0	-41	0	1275	4.02	4.02	6.03	4.02	2	0.40	0.03	0.21	0.00	0.00	11.2
1H	180	-0	-354	-0	-41	0	1312	4.02	4.02	6.03	4.02	2	0.41	0.01	0.13	0.00	0.00	11.2
1I	180	-0	-1487	0	-52	0	1240	4.02	4.02	6.03	4.02	2	0.39	0.04	0.32	0.00	0.00	11.2
1J	180	-0	199	0	-52	0	1395	4.02	4.02	6.03	4.02	2	0.43	0.01	0.12	0.00	0.00	11.2
1K	180	-0	-1487	-0	-52	0	1240	4.02	4.02	6.03	4.02	2	0.39	0.04	0.32	0.00	0.00	11.2
1L	180	-0	199	-0	-52	0	1395	4.02	4.02	6.03	4.02	2	0.43	0.01	0.12	0.00	0.00	11.2
1M	180	-0	-1487	0	-52	0	1240	4.02	4.02	6.03	4.02	2	0.39	0.04	0.32	0.00	0.00	11.2
1N	180	-0	199	0	-52	0	1395	4.02	4.02	6.03	4.02	2	0.43	0.01	0.12	0.00	0.00	11.2
1O	180	-0	-1487	-0	-52	0	1240	4.02	4.02	6.03	4.02	2	0.39	0.04	0.32	0.00	0.00	11.2
1P	180	-0	199	-0	-52	0	1395	4.02	4.02	6.03	4.02	2	0.43	0.01	0.12	0.00	0.00	11.2
2	180	-0	-990	0	-0	0	1749	4.02	4.02	6.03	4.02	2	0.55	0.02	0.15	0.00	0.00	11.2
7	180	-0	-777	0	-0	0	1371	4.02	4.02	6.03	4.02	2	0.43	0.02	0.12	0.00	0.00	11.2

apost= --            aant= --            ainf= 2.01 asup= --            (e arm. base= 4 X 2.01) staffe= 2 d    8 / 11.2

1A	240	-0	-2221	0	-41	0	633	4.02	4.02	6.03	4.02	2	0.20	0.05	0.41	0.00	0.00	11.2
1B	240	-0	-1641	0	-41	0	1018	4.02	4.02	6.03	4.02	2	0.32	0.04	0.32	0.00	0.00	11.2
1C	240	-0	-2221	-0	-41	0	633	4.02	4.02	6.03	4.02	2	0.20	0.05	0.41	0.00	0.00	11.2
1D	240	-0	-1641	-0	-41	0	1018	4.02	4.02	6.03	4.02	2	0.32	0.04	0.32	0.00	0.00	11.2
1E	240	-0	-2221	0	-41	0	633	4.02	4.02	6.03	4.02	2	0.20	0.05	0.41	0.00	0.00	11.2
1F	240	-0	-1641	0	-41	0	1018	4.02	4.02	6.03	4.02	2	0.32	0.04	0.32	0.00	0.00	11.2
1G	240	-0	-2221	-0	-41	0	633	4.02	4.02	6.03	4.02	2	0.20	0.05	0.41	0.00	0.00	11.2
1H	240	-0	-1641	-0	-41	0	1018	4.02	4.02	6.03	4.02	2	0.32	0.04	0.32	0.00	0.00	11.2
1I	240	-0	-2774	0	-52	-0	-1045	4.02	4.02	4.02	6.03	2	0.33	0.07	0.51	0.00	0.00	11.2
1J	240	-0	-1088	0	-52	-0	1385	4.02	4.02	6.03	4.02	2	0.43	0.03	0.26	0.00	0.00	11.2
1K	240	-0	-2774	-0	-52	0	-1045	4.02	4.02	4.02	6.03	2	0.33	0.07	0.51	0.00	0.00	11.2
1L	240	-0	-1088	-0	-52	0	1385	4.02	4.02	6.03	4.02	2	0.43	0.03	0.26	0.00	0.00	11.2
1M	240	-0	-2774	0	-52	-0	-1045	4.02	4.02	4.02	6.03	2	0.33	0.07	0.51	0.00	0.00	11.2
1N	240	-0	-1088	0	-52	-0	1385	4.02	4.02	6.03	4.02	2	0.43	0.03	0.26	0.00	0.00	11.2
1O	240	-0	-2774	-0	-52	0	-1045	4.02	4.02	4.02	6.03	2	0.33	0.07	0.51	0.00	0.00	11.2
1P	240	-0	-1088	-0	-52	0	1385	4.02	4.02	6.03	4.02	2	0.43	0.03	0.26	0.00	0.00	11.2
2	240	-0	-2969	0	-0	0	1263	4.02	4.02	6.03	4.02	2	0.39	0.06	0.45	0.00	0.00	11.2
7	240	-0	-2329	0	-0	0	990	4.02	4.02	6.03	4.02	2	0.31	0.05	0.35	0.00	0.00	11.2

1G	300	-0	-3508	-0	-41	0	-1128	4.02	4.02	4.02	6.03	2	0.35	0.08	0.60	0.00	0.00	5.3
1H	300	-0	-2928	-0	-41	0	-257	4.02	4.02	4.02	6.03	2	0.08	0.07	0.51	0.00	0.00	5.3
1I	300	-0	-4061	0	-52	-0	-1957	4.02	4.02	4.02	6.03	2	0.61	0.09	0.70	0.00	0.00	5.3
1J	300	-0	-2375	0	-52	-0	1133	4.02	4.02	6.03	4.02	2	0.35	0.06	0.45	0.00	0.00	5.3
1K	300	-0	-4061	-0	-52	0	-1957	4.02	4.02	4.02	6.03	2	0.61	0.09	0.70	0.00	0.00	5.3
1L	300	-0	-2375	-0	-52	0	1133	4.02	4.02	6.03	4.02	2	0.35	0.06	0.45	0.00	0.00	5.3
1M	300	-0	-4061	0	-52	-0	-1957	4.02	4.02	4.02	6.03	2	0.61	0.09	0.70	0.00	0.00	5.3
1N	300	-0	-2375	0	-52	-0	1133	4.02	4.02	6.03	4.02	2	0.35	0.06	0.45	0.00	0.00	5.3
1O	300	-0	-4061	-0	-52	0	-1957	4.02	4.02	4.02	6.03	2	0.61	0.09	0.70	0.00	0.00	5.3
1P	300	-0	-2375	-0	-52	0	1133	4.02	4.02	6.03	4.02	2	0.35	0.06	0.45	0.00	0.00	5.3
2	300	-0	-4948	0	-0	0	-1071	4.02	4.02	4.02	6.03	2	0.33	0.11	0.74	0.00	0.00	5.3
7	300	-0	-3881	0	-0	0	-841	4.02	4.02	4.02	6.03	2	0.26	0.08	0.58	0.00	0.00	5.3

apost= --            aant= --            ainf= 2.01 asup= 2.01 (e arm. base= 4 X 2.01) staffe= 2 d 8 / 5.3

MOMENTO MASSIMO IN CAMPATA

NC	x	Mmax	Mmax	AINF	AINF	agg.	ASUP	ASUP	agg.	x/d	Indice di resistenza						
	cm		kg*m	cmq	cmq		cmq	cmq			flessione						
--	150	3711		6.03	1 d 16		4.02	--		0.16	0.79						

Nome travata: **Travi07\_IP1**    Descrizione: **Travi 5-10**  
**ASTA NUM. 5**    NI 16    NF 15    SEZ. Rp B= 60.0    H= 24.0    (trave)

categoria: p.p. y Permanente    Neve    qy tot.  
qy medio: 3.6000    8.9250    1.7000 14.2250    kg/cm

armatura base = 4 X 2.01            per le armature aggiuntive consultare il tabulato

NC	x	Fx	Fy	Fz	Mx	My	Mz	APOST	AANT	AINF	ASUP	campo	Indice	resistenza	aswta	aswto	PASSO	
	cm	kg			kg*m			cmq					Fx,M	Bielle	V,Mx	cmq/m	cm	
1A	0	-0	1539	0	-48	0	504	4.02	4.02	6.03	4.02	2	0.16	0.04	0.32	0.00	0.00	5.3
1B	0	-0	2219	0	-48	0	-885	4.02	4.02	4.02	6.03	2	0.28	0.05	0.42	0.00	0.00	5.3
1C	0	-0	1539	-0	-48	-0	504	4.02	4.02	6.03	4.02	2	0.16	0.04	0.32	0.00	0.00	5.3
1D	0	-0	2219	-0	-48	-0	-885	4.02	4.02	4.02	6.03	2	0.28	0.05	0.42	0.00	0.00	5.3
1E	0	-0	1539	0	-48	0	504	4.02	4.02	6.03	4.02	2	0.16	0.04	0.32	0.00	0.00	5.3
1F	0	-0	2219	0	-48	0	-885	4.02	4.02	4.02	6.03	2	0.28	0.05	0.42	0.00	0.00	5.3
1G	0	-0	1539	-0	-48	-0	504	4.02	4.02	6.03	4.02	2	0.16	0.04	0.32	0.00	0.00	5.3
1H	0	-0	2219	-0	-48	-0	-885	4.02	4.02	4.02	6.03	2	0.28	0.05	0.42	0.00	0.00	5.3
1I	0	-0	1019	0	-66	0	1023	4.02	4.02	6.03	4.02	2	0.32	0.03	0.27	0.00	0.00	5.3
1J	0	-0	2739	0	-66	0	-1664	4.02	4.02	4.02	6.03	2	0.52	0.07	0.53	0.00	0.00	5.3
1K	0	-0	1019	-0	-66	-0	1023	4.02	4.02	6.03	4.02	2	0.32	0.03	0.27	0.00	0.00	5.3
1L	0	-0	2739	-0	-66	-0	-1664	4.02	4.02	4.02	6.03	2	0.52	0.07	0.53	0.00	0.00	5.3
1M	0	-0	1019	0	-66	0	1023	4.02	4.02	6.03	4.02	2	0.32	0.03	0.27	0.00	0.00	5.3
1N	0	-0	2739	0	-66	0	-1664	4.02	4.02	4.02	6.03	2	0.52	0.07	0.53	0.00	0.00	5.3
1O	0	-0	1019	-0	-66	-0	1023	4.02	4.02	6.03	4.02	2	0.32	0.03	0.27	0.00	0.00	5.3
1P	0	-0	2739	-0	-66	-0	-1664	4.02	4.02	4.02	6.03	2	0.52	0.07	0.53	0.00	0.00	5.3
2	0	-0	2825	0	-0	0	-563	4.02	4.02	4.02	6.03	2	0.18	0.06	0.42	0.00	0.00	5.3
7	0	-0	2210	0	-0	0	-441	4.02	4.02	4.02	6.03	2	0.14	0.05	0.33	0.00	0.00	5.3

apost= --            aant= --            ainf= 2.01 asup= 2.01 (e arm. base= 4 X 2.01) staffe= 2 d 8 / 5.3

1A	60	-0	787	0	-48	0	741	4.02	4.02	6.03	4.02	2	0.23	0.02	0.21	0.00	0.00	11.2
1B	60	-0	1467	0	-48	0	-407	4.02	4.02	4.02	6.03	2	0.13	0.04	0.31	0.00	0.00	11.2
1C	60	-0	787	-0	-48	0	741	4.02	4.02	6.03	4.02	2	0.23	0.02	0.21	0.00	0.00	11.2
1D	60	-0	1467	-0	-48	0	-407	4.02	4.02	4.02	6.03	2	0.13	0.04	0.31	0.00	0.00	11.2
1E	60	-0	787	0	-48	0	741	4.02	4.02	6.03	4.02	2	0.23	0.02	0.21	0.00	0.00	11.2
1F	60	-0	1467	0	-48	0	-407	4.02	4.02	4.02	6.03	2	0.13	0.04	0.31	0.00	0.00	11.2
1G	60	-0	787	-0	-48	0	741	4.02	4.02	6.03	4.02	2	0.23	0.02	0.21	0.00	0.00	11.2
1H	60	-0	1467	-0	-48	0	-407	4.02	4.02	4.02	6.03	2	0.13	0.04	0.31	0.00	0.00	11.2
1I	60	-0	267	0	-66	0	1023	4.02	4.02	6.03	4.02	2	0.32	0.02	0.16	0.00	0.00	11.2
1J	60	-0	1988	0	-66	0	-997	4.02	4.02	4.02	6.03	2	0.31	0.05	0.42	0.00	0.00	11.2
1K	60	-0	267	-0	-66	-0	1023	4.02	4.02	6.03	4.02	2	0.32	0.02	0.16	0.00	0.00	11.2
1L	60	-0	1988	-0	-66	-0	-997	4.02	4.02	4.02	6.03	2	0.31	0.05	0.42	0.00	0.00	11.2
1M	60	-0	267	0	-66	0	1023	4.02	4.02	6.03	4.02	2	0.32	0.02	0.16	0.00	0.00	11.2
1N	60	-0	1988	0	-66	0	-997	4.02	4.02	4.02	6.03	2	0.31	0.05	0.42	0.00	0.00	11.2
1O	60	-0	267	-0	-66	-0	1023	4.02	4.02	6.03	4.02	2	0.32	0.02	0.16	0.00	0.00	11.2
1P	60	-0	1988	-0	-66	-0	-997	4.02	4.02	4.02	6.03	2	0.31	0.05	0.42	0.00	0.00	11.2
2	60	-0	1695	0	-0	0	770	4.02	4.02	6.03	4.02	2	0.24	0.04	0.25	0.00	0.00	11.2
7	60	-0	1326	0	-0	0	602	4.02	4.02	6.03	4.02	2	0.19	0.03	0.20	0.00	0.00	11.2

apost= --            aant= --            ainf= 2.01 asup= 2.01 (e arm. base= 4 X 2.01) staffe= 2 d 8 / 11.2

1A	120	-0	36	0	-48	0	810	4.02	4.02	6.03	4.02	2	0.25	0.01	0.09	0.00	0.00	11.2
1B	120	-0	716	0	-48	0	765	4.02	4.02	6.03	4.02	2	0.24	0.02	0.19	0.00	0.00	11.2
1C	120	-0	36	-0	-48	0	810	4.02	4.02	6.03	4.02	2	0.25	0.01	0.09	0.00	0.00	11.2
1D	120	-0	716	-0	-48	0	765	4.02	4.02	6.03	4.02	2	0.24	0.02	0.19	0.00	0.00	11.2
1E	120	-0	36	0	-48	0	810	4.02	4.02	6.03	4.02	2	0.25	0.01	0.09	0.00	0.00	11.2
1F	120	-0	716	0	-48	0	765	4.02	4.02	6.03	4.02	2	0.24	0.02	0.19	0.00	0.00	11.2
1G	120	-0	36	-0	-48	0	810	4.02	4.02	6.03	4.02	2	0.25	0.01	0.09	0.00	0.00	11.2
1H	120	-0	716	-0	-48	0	765	4.02	4.02	6.03	4.02	2	0.24	0.02	0.19	0.00	0.00	11.2
1I	120	-0	-484	0	-66	0	1023	4.02	4.02	6.03	4.02	2	0.32	0.02	0.19	0.00	0.00	11.2
1J	120	-0	1236	0	-66	0	732	4.02	4.02	6.03	4.02	2	0.23	0.04	0.30	0.00	0.00	11.2
1K	120	-0	-484	-0	-66	0	1023	4.02	4.02	6.03	4.02	2	0.32	0.02	0.19	0.00	0.00	11.2
1L	120	-0	1236	-0	-66	0	732	4.02	4.02	6.03	4.02	2	0.23	0.04	0.30	0.00	0.00	11.2
1M	120	-0	-484	0	-66	0	1023	4.02	4.02	6.03	4.02	2	0.32	0.02	0.19	0.00	0.00	11.2
1N	120	-0	1236	0	-66	0	732	4.02	4.02	6.03	4.02	2	0.23	0.04	0.30	0.00	0.00	11.2
1O	120	-0	-484	-0	-66	0	1023	4.02	4.02	6.03	4.02	2	0.32	0.02	0.19	0.00	0.00	11.2
1P	120	-0	1236	-0	-66	0	732	4.02	4.02	6.03	4.02	2	0.23	0.04	0.30	0.00	0.00	11.2
2	120	-0	565	0	-0	0	1047	4.02	4.02	6.03	4.02	2	0.33	0.01	0.08	0.00	0.00	11.2
7	120	-0	442	0	-0	0	819	4.02	4.02	6.03	4.02	2	0.26	0.01	0.07	0.00	0.00	11.2

apost= --            aant= --            ainf= 2.01 asup= --            (e arm. base= 4 X 2.01) staffe= 2 d 8 / 11.2

1A	180	-0	-716	0	-48	0	765	4.02	4.02	6.03	4.02	2	0.24	0.02	0.19	0.00	0.00	11.2
1B	180	-0	-36	0	-48	0	810	4.02	4.02	6.03	4.02	2	0.25	0.01	0.09	0.00	0.00	11.2
1C	180	-0	-716	-0	-48	0	765	4.02	4.02	6.03	4.02	2	0.24	0.02	0.19	0.00	0.00	11.2
1D	180	-0	-36	-0	-48	0	810	4.02	4.02	6.03	4.02	2	0.25	0.01	0.09	0.00	0.00	11.2
1E	180	-0	-716	0	-48	0	765	4.02	4.02	6.03	4.02	2	0.24	0.02	0.19	0.00	0.00	11.2
1F	180	-0	-36	0	-48	0	810	4.02	4.02	6.03	4.02	2	0.25	0.01	0.09	0.00	0.00	11.2
1G	180	-0	-716	-0	-48	0	765	4.02	4.02	6.03	4.02	2	0.24	0.02	0.19	0.00	0.00	11.2
1H	180	-0	-36	-0	-48	0	810	4.02	4.02	6.03	4.02	2	0.25	0.01	0.09	0.00	0.00	11.2
1I	180	-0	-1236	0	-66	0	732	4.02	4.02	6.03	4.02	2	0.23	0.04	0.30	0.00	0.00	11.2
1J	180	-0	484	0	-66	0	1023	4.02	4.02	6.03	4.02	2	0.32	0.02	0.19	0.00	0.00	11.2
1K	180	-0	-1236	-0	-66	0	732	4.02	4.02	6.03	4.02	2	0.23	0.04	0.30	0.00	0.00	11.2
1L	180	-0	484	-0	-66	0	1023	4.02	4.02	6.03	4.02	2	0.32	0.02	0.19	0.00	0.00	11.2
1M	180	-0	-1236	0	-66	0	732	4.02	4.02	6.03	4.02	2	0.23	0.04	0.30	0.00	0.00	11.2
1N	180	-0	484	0	-66	0	1023	4.02	4.02	6.03	4.02	2	0.32	0.02	0.19	0.00	0.00	11.2
1O	180	-0	-1236	-0	-66	0	732	4.02	4.02	6.03	4.02	2	0.23	0.04	0.30	0.00	0.00	11.2
1P	180	-0	484	-0	-66	0	1023	4.02	4.02	6.03	4.02	2	0.32	0.02	0.19	0.00	0.00	11.2
2	180	-0	-565	0	-0	0	1047	4.02	4.02	6.03	4.02	2	0.33	0.01	0.08	0.00	0.00	11.2
7	180	-0	-442	0	-0	0	819	4.02	4.02	6.03	4.02	2	0.26	0.01	0.07	0.00	0.00	11.2

apost= --      aant= --      ainf= 2.01 asup= --      (e arm. base= 4 X 2.01) staffe= 2 d 8 / 11.2

1A	240	-0	-1467	0	-48	0	-407	4.02	4.02	4.02	6.03	2	0.13	0.04	0.31	0.00	0.00	11.2
1B	240	-0	-787	0	-48	0	741	4.02	4.02	6.03	4.02	2	0.23	0.02	0.21	0.00	0.00	11.2
1C	240	-0	-1467	-0	-48	0	-407	4.02	4.02	4.02	6.03	2	0.13	0.04	0.31	0.00	0.00	11.2
1D	240	-0	-787	-0	-48	0	741	4.02	4.02	6.03	4.02	2	0.23	0.02	0.21	0.00	0.00	11.2
1E	240	-0	-1467	0	-48	0	-407	4.02	4.02	4.02	6.03	2	0.13	0.04	0.31	0.00	0.00	11.2
1F	240	-0	-787	0	-48	0	741	4.02	4.02	6.03	4.02	2	0.23	0.02	0.21	0.00	0.00	11.2
1G	240	-0	-1467	-0	-48	0	-407	4.02	4.02	4.02	6.03	2	0.13	0.04	0.31	0.00	0.00	11.2
1H	240	-0	-787	-0	-48	0	741	4.02	4.02	6.03	4.02	2	0.23	0.02	0.21	0.00	0.00	11.2
1I	240	-0	-1988	0	-66	-0	-997	4.02	4.02	4.02	6.03	2	0.31	0.05	0.42	0.00	0.00	11.2
1J	240	-0	-267	0	-66	-0	1023	4.02	4.02	6.03	4.02	2	0.32	0.02	0.16	0.00	0.00	11.2
1K	240	-0	-1988	-0	-66	0	-997	4.02	4.02	4.02	6.03	2	0.31	0.05	0.42	0.00	0.00	11.2
1L	240	-0	-267	-0	-66	0	1023	4.02	4.02	6.03	4.02	2	0.32	0.02	0.16	0.00	0.00	11.2
1M	240	-0	-1988	0	-66	-0	-997	4.02	4.02	4.02	6.03	2	0.31	0.05	0.42	0.00	0.00	11.2
1N	240	-0	-267	0	-66	-0	1023	4.02	4.02	6.03	4.02	2	0.32	0.02	0.16	0.00	0.00	11.2
1O	240	-0	-1988	-0	-66	0	-997	4.02	4.02	4.02	6.03	2	0.31	0.05	0.42	0.00	0.00	11.2
1P	240	-0	-267	-0	-66	0	1023	4.02	4.02	6.03	4.02	2	0.32	0.02	0.16	0.00	0.00	11.2
2	240	-0	-1695	0	-0	0	770	4.02	4.02	6.03	4.02	2	0.24	0.04	0.25	0.00	0.00	11.2
7	240	-0	-1326	0	-0	0	602	4.02	4.02	6.03	4.02	2	0.19	0.03	0.20	0.00	0.00	11.2

apost= --      aant= --      ainf= 2.01 asup= 2.01 (e arm. base= 4 X 2.01) staffe= 2 d 8 / 11.2

1A	300	-0	-2219	0	-48	-0	-885	4.02	4.02	4.02	6.03	2	0.28	0.05	0.42	0.00	0.00	5.3
1B	300	-0	-1539	0	-48	-0	504	4.02	4.02	6.03	4.02	2	0.16	0.04	0.32	0.00	0.00	5.3
1C	300	-0	-2219	-0	-48	0	-885	4.02	4.02	4.02	6.03	2	0.28	0.05	0.42	0.00	0.00	5.3
1D	300	-0	-1539	-0	-48	0	504	4.02	4.02	6.03	4.02	2	0.16	0.04	0.32	0.00	0.00	5.3
1E	300	-0	-2219	0	-48	-0	-885	4.02	4.02	4.02	6.03	2	0.28	0.05	0.42	0.00	0.00	5.3
1F	300	-0	-1539	0	-48	-0	504	4.02	4.02	6.03	4.02	2	0.16	0.04	0.32	0.00	0.00	5.3
1G	300	-0	-2219	-0	-48	0	-885	4.02	4.02	4.02	6.03	2	0.28	0.05	0.42	0.00	0.00	5.3
1H	300	-0	-1539	-0	-48	0	504	4.02	4.02	6.03	4.02	2	0.16	0.04	0.32	0.00	0.00	5.3
1I	300	-0	-2739	0	-66	-0	-1664	4.02	4.02	4.02	6.03	2	0.52	0.07	0.53	0.00	0.00	5.3
1J	300	-0	-1019	0	-66	-0	1023	4.02	4.02	6.03	4.02	2	0.32	0.03	0.27	0.00	0.00	5.3
1K	300	-0	-2739	-0	-66	0	-1664	4.02	4.02	4.02	6.03	2	0.52	0.07	0.53	0.00	0.00	5.3
1L	300	-0	-1019	-0	-66	0	1023	4.02	4.02	6.03	4.02	2	0.32	0.03	0.27	0.00	0.00	5.3
1M	300	-0	-2739	0	-66	-0	-1664	4.02	4.02	4.02	6.03	2	0.52	0.07	0.53	0.00	0.00	5.3
1N	300	-0	-1019	0	-66	-0	1023	4.02	4.02	6.03	4.02	2	0.32	0.03	0.27	0.00	0.00	5.3
1O	300	-0	-2739	-0	-66	0	-1664	4.02	4.02	4.02	6.03	2	0.52	0.07	0.53	0.00	0.00	5.3
1P	300	-0	-1019	-0	-66	0	1023	4.02	4.02	6.03	4.02	2	0.32	0.03	0.27	0.00	0.00	5.3
2	300	-0	-2825	0	-0	0	-563	4.02	4.02	4.02	6.03	2	0.18	0.06	0.42	0.00	0.00	5.3
7	300	-0	-2210	0	-0	0	-441	4.02	4.02	4.02	6.03	2	0.14	0.05	0.33	0.00	0.00	5.3

apost= --      aant= --      ainf= 2.01 asup= 2.01 (e arm. base= 4 X 2.01) staffe= 2 d 8 / 5.3

MOMENTO MASSIMO IN CAMPATA

NC	x	Mmax	Mmax	AINF	AINF	agg.	ASUP	ASUP	agg.	x/d	Indice di resistenza
	cm	kg*m		cmq	cmq		cmq	cmq			flessione
--	150	2119		6.03	1 d 16		4.02	--		0.14	0.66

Nome travata: **Travi01\_IP1**    Descrizione: **Travi 1-2-3-4-5**  
**ASTA NUM. 6**    NI 20    NF 19    SEZ. Rp B= 40.0 H= 24.0 (trave)

categoria: p.p. y qy tot.  
qy medio: 2.4000 2.4000 kg/cm

armatura base = 4 X 2.01      per le armature aggiuntive consultare il tabulato

NC	x	Fx	Fy	Fz	Mx	My	Mz	APOST	AANT	AINF	ASUP	campo	Indice	resistenza	aswta	aswto	PASSO	
	--																	
	cm		kg			kg*m				cmq			Fx,M	Bielle	V,Mx	cmq/m	cm	
1A	0	-0	94	0	69	0	376	4.02	4.02	4.02	4.02	2	0.12	0.02	0.25	0.00	0.00	5.3
1B	0	-0	622	0	69	0	-528	4.02	4.02	4.02	4.02	2	0.17	0.04	0.37	0.00	0.00	5.3
1C	0	-0	94	-0	69	-0	376	4.02	4.02	4.02	4.02	2	0.12	0.02	0.25	0.00	0.00	5.3
1D	0	-0	622	-0	69	-0	-528	4.02	4.02	4.02	4.02	2	0.17	0.04	0.37	0.00	0.00	5.3
1E	0	0	94	0	69	0	376	4.02	4.02	4.02	4.02	2	0.12	0.02	0.25	0.00	0.00	5.3
1F	0	0	622	0	69	0	-528	4.02	4.02	4.02	4.02	2	0.17	0.04	0.37	0.00	0.00	5.3
1G	0	0	94	-0	69	-0	376	4.02	4.02	4.02	4.02	2	0.12	0.02	0.25	0.00	0.00	5.3
1H	0	0	622	-0	69	-0	-528	4.02	4.02	4.02	4.02	2	0.17	0.04	0.37	0.00	0.00	5.3
1I	0	-0	219	0	75	0	216	4.02	4.02	4.02	4.02	2	0.07	0.03	0.29	0.00	0.00	5.3
1J	0	-0	497	0	75	0	-317	4.02	4.02	4.02	4.02	2	0.10	0.04	0.36	0.00	0.00	5.3
1K	0	-0	219	-0	75	-0	216	4.02	4.02	4.02	4.02	2	0.07	0.03	0.29	0.00	0.00	5.3
1L	0	-0	497	-0	75	-0	-317	4.02	4.02	4.02	4.02	2	0.10	0.04	0.36	0.00	0.00	5.3
1M	0	0	219	0	75	0	216	4.02	4.02	4.02	4.02	2	0.07	0.03	0.29	0.00	0.00	5.3
1N	0	0	497	0	75	0	-317	4.02	4.02	4.02	4.02	2	0.10	0.04	0.36	0.00	0.00	5.3
1O	0	0	219	-0	75	-0	216	4.02	4.02	4.02	4.02	2	0.07	0.03	0.29	0.00	0.00	5.3

1P	0	0	497	-0	75	-0	-317	4.02	4.02	4.02	4.02	2	0.10	0.04	0.36	0.00	0.00	5.3
2	0	0	479	-0	77	-0	-121	4.02	4.02	4.02	4.02	2	0.04	0.04	0.36	0.00	0.00	5.3
7	0	0	373	-0	61	-0	-99	4.02	4.02	4.02	4.02	2	0.03	0.03	0.28	0.00	0.00	5.3

apost= --      aant= --      ainf= --      asup= --      (e arm. base= 4 X 2.01) staffe= 2 d 8 / 5.3

1A	68	-0	-69	0	69	0	347	4.02	4.02	4.02	4.02	2	0.11	0.02	0.24	0.00	0.00	16.8
1B	68	-0	459	0	69	0	-323	4.02	4.02	4.02	4.02	2	0.10	0.03	0.33	0.00	0.00	16.8
1C	68	-0	-69	-0	69	-0	347	4.02	4.02	4.02	4.02	2	0.11	0.02	0.24	0.00	0.00	16.8
1D	68	-0	459	-0	69	-0	-323	4.02	4.02	4.02	4.02	2	0.10	0.03	0.33	0.00	0.00	16.8
1E	68	0	-69	0	69	0	347	4.02	4.02	4.02	4.02	2	0.11	0.02	0.24	0.00	0.00	16.8
1F	68	0	459	0	69	0	-323	4.02	4.02	4.02	4.02	2	0.10	0.03	0.33	0.00	0.00	16.8
1G	68	0	-69	-0	69	-0	347	4.02	4.02	4.02	4.02	2	0.11	0.02	0.24	0.00	0.00	16.8
1H	68	0	459	-0	69	-0	-323	4.02	4.02	4.02	4.02	2	0.10	0.03	0.33	0.00	0.00	16.8
1I	68	-0	55	0	75	-0	217	4.02	4.02	4.02	4.02	2	0.07	0.02	0.26	0.00	0.00	16.8
1J	68	-0	334	0	75	-0	-167	4.02	4.02	4.02	4.02	2	0.05	0.03	0.32	0.00	0.00	16.8
1K	68	-0	55	-0	75	-0	217	4.02	4.02	4.02	4.02	2	0.07	0.02	0.26	0.00	0.00	16.8
1L	68	-0	334	-0	75	-0	-167	4.02	4.02	4.02	4.02	2	0.05	0.03	0.32	0.00	0.00	16.8
1M	68	0	55	0	75	-0	217	4.02	4.02	4.02	4.02	2	0.07	0.02	0.26	0.00	0.00	16.8
1N	68	0	334	0	75	-0	-167	4.02	4.02	4.02	4.02	2	0.05	0.03	0.32	0.00	0.00	16.8
1O	68	0	55	-0	75	-0	217	4.02	4.02	4.02	4.02	2	0.07	0.02	0.26	0.00	0.00	16.8
1P	68	0	334	-0	75	-0	-167	4.02	4.02	4.02	4.02	2	0.05	0.03	0.32	0.00	0.00	16.8
2	68	0	267	-0	77	-0	124	4.02	4.02	4.02	4.02	2	0.04	0.03	0.31	0.00	0.00	16.8
7	68	0	210	-0	61	-0	92	4.02	4.02	4.02	4.02	2	0.03	0.02	0.24	0.00	0.00	16.8

apost= --      aant= --      ainf= --      asup= --      (e arm. base= 4 X 2.01) staffe= 2 d 8 / 16.8

1A	136	-0	-232	0	69	-0	283	4.02	4.02	4.02	4.02	2	0.09	0.03	0.27	0.00	0.00	16.8
1B	136	-0	296	0	69	-0	112	4.02	4.02	4.02	4.02	2	0.04	0.03	0.29	0.00	0.00	16.8
1C	136	-0	-232	-0	69	-0	283	4.02	4.02	4.02	4.02	2	0.09	0.03	0.27	0.00	0.00	16.8
1D	136	-0	296	-0	69	-0	112	4.02	4.02	4.02	4.02	2	0.04	0.03	0.29	0.00	0.00	16.8
1E	136	0	-232	0	69	-0	283	4.02	4.02	4.02	4.02	2	0.09	0.03	0.27	0.00	0.00	16.8
1F	136	0	296	0	69	-0	112	4.02	4.02	4.02	4.02	2	0.04	0.03	0.29	0.00	0.00	16.8
1G	136	0	-232	-0	69	-0	283	4.02	4.02	4.02	4.02	2	0.09	0.03	0.27	0.00	0.00	16.8
1H	136	0	296	-0	69	-0	112	4.02	4.02	4.02	4.02	2	0.04	0.03	0.29	0.00	0.00	16.8
1I	136	-0	-108	0	75	-0	212	4.02	4.02	4.02	4.02	2	0.07	0.02	0.27	0.00	0.00	16.8
1J	136	-0	171	0	75	-0	124	4.02	4.02	4.02	4.02	2	0.04	0.03	0.28	0.00	0.00	16.8
1K	136	-0	-108	-0	75	-0	212	4.02	4.02	4.02	4.02	2	0.07	0.02	0.27	0.00	0.00	16.8
1L	136	-0	171	-0	75	-0	124	4.02	4.02	4.02	4.02	2	0.04	0.03	0.28	0.00	0.00	16.8
1M	136	0	-108	0	75	-0	212	4.02	4.02	4.02	4.02	2	0.07	0.02	0.27	0.00	0.00	16.8
1N	136	0	171	0	75	-0	124	4.02	4.02	4.02	4.02	2	0.04	0.03	0.28	0.00	0.00	16.8
1O	136	0	-108	-0	75	-0	212	4.02	4.02	4.02	4.02	2	0.07	0.02	0.27	0.00	0.00	16.8
1P	136	0	171	-0	75	-0	124	4.02	4.02	4.02	4.02	2	0.04	0.03	0.28	0.00	0.00	16.8
2	136	0	55	-0	77	-0	171	4.02	4.02	4.02	4.02	2	0.05	0.02	0.27	0.00	0.00	16.8
7	136	0	46	-0	61	-0	130	4.02	4.02	4.02	4.02	2	0.04	0.02	0.21	0.00	0.00	16.8

apost= --      aant= --      ainf= --      asup= --      (e arm. base= 4 X 2.01) staffe= 2 d 8 / 16.8

1A	204	-0	-396	0	69	-0	108	4.02	4.02	4.02	4.02	2	0.03	0.03	0.31	0.00	0.00	16.8
1B	204	-0	132	0	69	-0	219	4.02	4.02	4.02	4.02	2	0.07	0.02	0.25	0.00	0.00	16.8
1C	204	-0	-396	-0	69	-0	108	4.02	4.02	4.02	4.02	2	0.03	0.03	0.31	0.00	0.00	16.8
1D	204	-0	132	-0	69	-0	219	4.02	4.02	4.02	4.02	2	0.07	0.02	0.25	0.00	0.00	16.8
1E	204	0	-396	0	69	-0	108	4.02	4.02	4.02	4.02	2	0.03	0.03	0.31	0.00	0.00	16.8
1F	204	0	132	0	69	-0	219	4.02	4.02	4.02	4.02	2	0.07	0.02	0.25	0.00	0.00	16.8
1G	204	0	-396	-0	69	-0	108	4.02	4.02	4.02	4.02	2	0.03	0.03	0.31	0.00	0.00	16.8
1H	204	0	132	-0	69	-0	219	4.02	4.02	4.02	4.02	2	0.07	0.02	0.25	0.00	0.00	16.8
1I	204	-0	-271	0	75	-0	121	4.02	4.02	4.02	4.02	2	0.04	0.03	0.30	0.00	0.00	16.8
1J	204	-0	8	0	75	-0	147	4.02	4.02	4.02	4.02	2	0.05	0.02	0.25	0.00	0.00	16.8
1K	204	-0	-271	-0	75	-0	121	4.02	4.02	4.02	4.02	2	0.04	0.03	0.30	0.00	0.00	16.8
1L	204	-0	8	-0	75	-0	147	4.02	4.02	4.02	4.02	2	0.05	0.02	0.25	0.00	0.00	16.8
1M	204	0	-271	0	75	-0	121	4.02	4.02	4.02	4.02	2	0.04	0.03	0.30	0.00	0.00	16.8
1N	204	0	8	0	75	-0	147	4.02	4.02	4.02	4.02	2	0.05	0.02	0.25	0.00	0.00	16.8
1O	204	0	-271	-0	75	-0	121	4.02	4.02	4.02	4.02	2	0.04	0.03	0.30	0.00	0.00	16.8
1P	204	0	8	-0	75	-0	147	4.02	4.02	4.02	4.02	2	0.05	0.02	0.25	0.00	0.00	16.8
2	204	0	-157	-0	77	-0	171	4.02	4.02	4.02	4.02	2	0.05	0.03	0.29	0.00	0.00	16.8
7	204	0	-117	-0	61	-0	130	4.02	4.02	4.02	4.02	2	0.04	0.02	0.22	0.00	0.00	16.8

apost= --      aant= --      ainf= --      asup= --      (e arm. base= 4 X 2.01) staffe= 2 d 8 / 16.8

1A	272	-0	-559	0	69	-0	-442	4.02	4.02	4.02	4.02	2	0.14	0.04	0.35	0.00	0.00	16.8
1B	272	-0	-31	0	69	-0	229	4.02	4.02	4.02	4.02	2	0.07	0.02	0.23	0.00	0.00	16.8
1C	272	-0	-559	-0	69	0	-442	4.02	4.02	4.02	4.02	2	0.14	0.04	0.35	0.00	0.00	16.8
1D	272	-0	-31	-0	69	0	229	4.02	4.02	4.02	4.02	2	0.07	0.02	0.23	0.00	0.00	16.8
1E	272	0	-559	0	69	-0	-442	4.02	4.02	4.02	4.02	2	0.14	0.04	0.35	0.00	0.00	16.8
1F	272	0	-31	0	69	-0	229	4.02	4.02	4.02	4.02	2	0.07	0.02	0.23	0.00	0.00	16.8
1G	272	0	-559	-0	69	0	-442	4.02	4.02	4.02	4.02	2	0.14	0.04	0.35	0.00	0.00	16.8
1H	272	0	-31	-0	69	0	229	4.02	4.02	4.02	4.02	2	0.07	0.02	0.23	0.00	0.00	16.8
1I	272	-0	-434	0	75	-0	-285	4.02	4.02	4.02	4.02	2	0.09	0.03	0.34	0.00	0.00	16.8
1J	272	-0	-155	0	75	-0	131	4.02	4.02	4.02	4.02	2	0.04	0.02	0.28	0.00	0.00	16.8
1K	272	-0	-434	-0	75	0	-285	4.02	4.02	4.02	4.02	2	0.09	0.03	0.34	0.00	0.00	16.8
1L	272	-0	-155	-0	75	0	131	4.02	4.02	4.02	4.02	2	0.04	0.02	0.28	0.00	0.00	16.8
1M	272	0	-434	0	75	-0	-285	4.02	4.02	4.02	4.02	2	0.09	0.03	0.34	0.00	0.00	16.8
1N	272	0	-155	0	75	-0	131	4.02	4.02	4.02	4.02	2	0.04	0.02	0.28	0.00	0.00	16.8
1O	272	0	-434	-0	75	0	-285	4.02	4.02	4.02	4.02	2	0.09	0.03	0.34	0.00	0.00	16.8
1P	272	0	-155	-0	75	0	131	4.02	4.02	4.02	4.02	2	0.04	0.02	0.28	0.00	0.00	16.8
2	272	0	-369	-0	77	-0	-130	4.02	4.02	4.02	4.02	2	0.04	0.03	0.34	0.00	0.00	16.8
7	272	0	-280	-0	61	-0	-95	4.02	4.02	4.02	4.02	2	0.03	0.03	0.26	0.00	0.00	16.8

apost= --      aant= --      ainf= --      asup= --      (e arm. base= 4 X 2.01) staffe= 2 d 8 / 16.8

1A	340	-0	-722	0	69	-0	-677	4.02	4.02	4.02	4.02	2	0.22	0.04	0.39	0.00	0.00	5.3
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1M	340	0	-597	0	75	-0	-465	4.02	4.02	4.02	4.02	2	0.15	0.04	0.38	0.00	0.00	5.3
1N	340	0	-319	0	75	-0	77	4.02	4.02	4.02	4.02	2	0.02	0.03	0.31	0.00	0.00	5.3
1O	340	0	-597	-0	75	0	-465	4.02	4.02	4.02	4.02	2	0.15	0.04	0.38	0.00	0.00	5.3
1P	340	0	-319	-0	75	0	77	4.02	4.02	4.02	4.02	2	0.02	0.03	0.31	0.00	0.00	5.3
2	340	0	-581	-0	77	0	-279	4.02	4.02	4.02	4.02	2	0.09	0.04	0.38	0.00	0.00	5.3
7	340	0	-443	-0	61	0	-208	4.02	4.02	4.02	4.02	2	0.07	0.03	0.30	0.00	0.00	5.3

apost= --      aant= --      ainf= --      asup= --      (e arm. base= 4 X 2.01) staffe= 2 d 8 / 5.3

MOMENTO MASSIMO IN CAMPATA

NC	x	Mmax	Mmax	AINF	AINF	agg.	ASUP	ASUP	agg.	x/d	Indice di resistenza
	cm	kg*m		cmq	cmq		cmq	cmq			flessione
1G	0	376	--	--	--	--	--	--	--	--	--

Nome travata: **Travi01\_IP1** Descrizione: **Travi 1-2-3-4-5**  
**ASTA NUM. 7**    NI 19    NF 18    SEZ.    Rp    B= 40.0    H= 24.0    (trave)

categoria: p.p. y qy tot.  
qy medio: 2.4000 2.4000 kg/cm

armatura base = 4 X 2.01      per le armature aggiuntive consultare il tabulato

NC	x	Fx	Fy	Fz	Mx	My	Mz	APOST	AANT	AINF	ASUP	campo	Indice	resistenza	aswta	aswto	PASSO	
	cm	kg			kg*m			cmq					Fx,M	Bielle	V,Mx	cmq/m	cm	
1A	0	-0	57	0	24	0	433	4.02	4.02	4.02	4.02	2	0.14	0.01	0.09	0.00	0.00	5.3
1B	0	-0	763	0	24	0	-773	4.02	4.02	4.02	4.02	2	0.25	0.03	0.25	0.00	0.00	5.3
1C	0	-0	57	-0	24	-0	433	4.02	4.02	4.02	4.02	2	0.14	0.01	0.09	0.00	0.00	5.3
1D	0	-0	763	-0	24	-0	-773	4.02	4.02	4.02	4.02	2	0.25	0.03	0.25	0.00	0.00	5.3
1E	0	0	57	0	24	0	433	4.02	4.02	4.02	4.02	2	0.14	0.01	0.09	0.00	0.00	5.3
1F	0	0	763	0	24	0	-773	4.02	4.02	4.02	4.02	2	0.25	0.03	0.25	0.00	0.00	5.3
1G	0	0	57	-0	24	-0	433	4.02	4.02	4.02	4.02	2	0.14	0.01	0.09	0.00	0.00	5.3
1H	0	0	763	-0	24	-0	-773	4.02	4.02	4.02	4.02	2	0.25	0.03	0.25	0.00	0.00	5.3
1I	0	-0	257	0	29	0	146	4.02	4.02	4.02	4.02	2	0.05	0.02	0.15	0.00	0.00	5.3
1J	0	-0	563	0	29	0	-433	4.02	4.02	4.02	4.02	2	0.14	0.03	0.22	0.00	0.00	5.3
1K	0	-0	257	-0	29	-0	146	4.02	4.02	4.02	4.02	2	0.05	0.02	0.15	0.00	0.00	5.3
1L	0	-0	563	-0	29	-0	-433	4.02	4.02	4.02	4.02	2	0.14	0.03	0.22	0.00	0.00	5.3
1M	0	0	257	0	29	0	146	4.02	4.02	4.02	4.02	2	0.05	0.02	0.15	0.00	0.00	5.3
1N	0	0	563	0	29	0	-433	4.02	4.02	4.02	4.02	2	0.14	0.03	0.22	0.00	0.00	5.3
1O	0	0	257	-0	29	-0	146	4.02	4.02	4.02	4.02	2	0.05	0.02	0.15	0.00	0.00	5.3
1P	0	0	563	-0	29	-0	-433	4.02	4.02	4.02	4.02	2	0.14	0.03	0.22	0.00	0.00	5.3
2	0	0	538	0	5	0	-234	4.02	4.02	4.02	4.02	2	0.07	0.02	0.14	0.00	0.00	5.3
7	0	0	415	0	4	0	-182	4.02	4.02	4.02	4.02	2	0.06	0.01	0.11	0.00	0.00	5.3

apost= --      aant= --      ainf= --      asup= --      (e arm. base= 4 X 2.01) staffe= 2 d 8 / 5.3

1A	68	-0	-106	0	24	0	372	4.02	4.02	4.02	4.02	2	0.12	0.01	0.10	0.00	0.00	16.8
1B	68	-0	600	0	24	0	-513	4.02	4.02	4.02	4.02	2	0.16	0.03	0.21	0.00	0.00	16.8
1C	68	-0	-106	-0	24	-0	372	4.02	4.02	4.02	4.02	2	0.12	0.01	0.10	0.00	0.00	16.8
1D	68	-0	600	-0	24	-0	-513	4.02	4.02	4.02	4.02	2	0.16	0.03	0.21	0.00	0.00	16.8
1E	68	0	-106	0	24	0	372	4.02	4.02	4.02	4.02	2	0.12	0.01	0.10	0.00	0.00	16.8
1F	68	0	600	0	24	0	-513	4.02	4.02	4.02	4.02	2	0.16	0.03	0.21	0.00	0.00	16.8
1G	68	0	-106	-0	24	-0	372	4.02	4.02	4.02	4.02	2	0.12	0.01	0.10	0.00	0.00	16.8
1H	68	0	600	-0	24	-0	-513	4.02	4.02	4.02	4.02	2	0.16	0.03	0.21	0.00	0.00	16.8
1I	68	-0	94	0	29	0	165	4.02	4.02	4.02	4.02	2	0.05	0.01	0.12	0.00	0.00	16.8
1J	68	-0	399	0	29	0	-262	4.02	4.02	4.02	4.02	2	0.08	0.02	0.19	0.00	0.00	16.8
1K	68	-0	94	-0	29	-0	165	4.02	4.02	4.02	4.02	2	0.05	0.01	0.12	0.00	0.00	16.8
1L	68	-0	399	-0	29	-0	-262	4.02	4.02	4.02	4.02	2	0.08	0.02	0.19	0.00	0.00	16.8
1M	68	0	94	0	29	0	165	4.02	4.02	4.02	4.02	2	0.05	0.01	0.12	0.00	0.00	16.8
1N	68	0	399	0	29	0	-262	4.02	4.02	4.02	4.02	2	0.08	0.02	0.19	0.00	0.00	16.8
1O	68	0	94	-0	29	-0	165	4.02	4.02	4.02	4.02	2	0.05	0.01	0.12	0.00	0.00	16.8
1P	68	0	399	-0	29	-0	-262	4.02	4.02	4.02	4.02	2	0.08	0.02	0.19	0.00	0.00	16.8
2	68	0	326	0	5	-0	-98	4.02	4.02	4.02	4.02	2	0.03	0.01	0.09	0.00	0.00	16.8
7	68	0	252	0	4	-0	-77	4.02	4.02	4.02	4.02	2	0.02	0.01	0.07	0.00	0.00	16.8

apost= --      aant= --      ainf= --      asup= --      (e arm. base= 4 X 2.01) staffe= 2 d 8 / 16.8

1A	136	-0	-270	0	24	-0	282	4.02	4.02	4.02	4.02	2	0.09	0.01	0.13	0.00	0.00	16.8
1B	136	-0	436	0	24	-0	-122	4.02	4.02	4.02	4.02	2	0.04	0.02	0.18	0.00	0.00	16.8
1C	136	-0	-270	-0	24	-0	282	4.02	4.02	4.02	4.02	2	0.09	0.01	0.13	0.00	0.00	16.8
1D	136	-0	436	-0	24	-0	-122	4.02	4.02	4.02	4.02	2	0.04	0.02	0.18	0.00	0.00	16.8
1E	136	0	-270	0	24	-0	282	4.02	4.02	4.02	4.02	2	0.09	0.01	0.13	0.00	0.00	16.8
1F	136	0	436	0	24	-0	-122	4.02	4.02	4.02	4.02	2	0.04	0.02	0.18	0.00	0.00	16.8
1G	136	0	-270	-0	24	-0	282	4.02	4.02	4.02	4.02	2	0.09	0.01	0.13	0.00	0.00	16.8
1H	136	0	436	-0	24	-0	-122	4.02	4.02	4.02	4.02	2	0.04	0.02	0.18	0.00	0.00	16.8
1I	136	-0	-69	0	29	-0	168	4.02	4.02	4.02	4.02	2	0.05	0.01	0.11	0.00	0.00	16.8
1J	136	-0	236	0	29	-0	104	4.02	4.02	4.02	4.02	2	0.03	0.02	0.15	0.00	0.00	16.8
1K	136	-0	-69	-0	29	-0	168	4.02	4.02	4.02	4.02	2	0.05	0.01	0.11	0.00	0.00	16.8
1L	136	-0	236	-0	29	-0	104	4.02	4.02	4.02	4.02	2	0.03	0.02	0.15	0.00	0.00	16.8
1M	136	0	-69	0	29	-0	168	4.02	4.02	4.02	4.02	2	0.05	0.01	0.11	0.00	0.00	16.8
1N	136	0	236	0	29	-0	104	4.02	4.02	4.02	4.02	2	0.03	0.02	0.15	0.00	0.00	16.8
1O	136	0	-69	-0	29	-0	168	4.02	4.02	4.02	4.02	2	0.05	0.01	0.11	0.00	0.00	16.8
1P	136	0	236	-0	29	-0	104	4.02	4.02	4.02	4.02	2	0.03	0.02	0.15	0.00	0.00	16.8
2	136	0	113	0	5	-0	133	4.02	4.02	4.02	4.02	2	0.04	0.00	0.04	0.00	0.00	16.8
7	136	0	88	0	4	-0	103	4.02	4.02	4.02	4.02	2	0.03	0.00	0.03	0.00	0.00	16.8

apost= --      aant= --      ainf= --      asup= --      (e arm. base= 4 X 2.01) staffe= 2 d 8 / 16.8

1A	204	-0	-433	0	24	-0	-122	4.02	4.02	4.02	4.02	2	0.04	0.02	0.18	0.00	0.00	16.8
1B	204	-0	273	0	24	-0	287	4.02	4.02	4.02	4.02	2	0.09	0.02	0.13	0.00	0.00	16.8
1C	204	-0	-433	-0	24	-0	-122	4.02	4.02	4.02	4.02	2	0.04	0.02	0.18	0.00	0.00	16.8
1D	204	-0	273	-0	24	-0	287	4.02	4.02	4.02	4.02	2	0.09	0.02	0.13	0.00	0.00	16.8
1E	204	0	-433	0	24	-0	-122	4.02	4.02	4.02	4.02	2	0.04	0.02	0.18	0.00	0.00	16.8
1F	204	0	273	0	24	-0	287	4.02	4.02	4.02	4.02	2	0.09	0.02	0.13	0.00	0.00	16.8

1G	204	0	-433	-0	24	-0	-122	4.02	4.02	4.02	4.02	2	0.04	0.02	0.18	0.00	0.00	16.8
1H	204	0	273	-0	24	-0	287	4.02	4.02	4.02	4.02	2	0.09	0.02	0.13	0.00	0.00	16.8
1I	204	-0	-233	0	29	-0	104	4.02	4.02	4.02	4.02	2	0.03	0.02	0.14	0.00	0.00	16.8
1J	204	-0	73	0	29	-0	171	4.02	4.02	4.02	4.02	2	0.05	0.01	0.11	0.00	0.00	16.8
1K	204	-0	-233	-0	29	-0	104	4.02	4.02	4.02	4.02	2	0.03	0.02	0.14	0.00	0.00	16.8
1L	204	-0	73	-0	29	-0	171	4.02	4.02	4.02	4.02	2	0.05	0.01	0.11	0.00	0.00	16.8
1M	204	0	-233	0	29	-0	104	4.02	4.02	4.02	4.02	2	0.03	0.02	0.14	0.00	0.00	16.8
1N	204	0	73	0	29	-0	171	4.02	4.02	4.02	4.02	2	0.05	0.01	0.11	0.00	0.00	16.8
1O	204	0	-233	-0	29	-0	104	4.02	4.02	4.02	4.02	2	0.03	0.02	0.14	0.00	0.00	16.8
1P	204	0	73	-0	29	-0	171	4.02	4.02	4.02	4.02	2	0.05	0.01	0.11	0.00	0.00	16.8
2	204	0	-99	0	5	-0	133	4.02	4.02	4.02	4.02	2	0.04	0.00	0.04	0.00	0.00	16.8
7	204	0	-75	0	4	-0	103	4.02	4.02	4.02	4.02	2	0.03	0.00	0.03	0.00	0.00	16.8

apost= --      aant= --      ainf= --      asup= --      (e arm. base= 4 X 2.01) staffe= 2 d 8 / 16.8

1A	272	-0	-596	0	24	-0	-511	4.02	4.02	4.02	4.02	2	0.16	0.03	0.21	0.00	0.00	16.8
1B	272	-0	110	0	24	-0	378	4.02	4.02	4.02	4.02	2	0.12	0.01	0.10	0.00	0.00	16.8
1C	272	-0	-596	-0	24	0	-511	4.02	4.02	4.02	4.02	2	0.16	0.03	0.21	0.00	0.00	16.8
1D	272	-0	110	-0	24	0	378	4.02	4.02	4.02	4.02	2	0.12	0.01	0.10	0.00	0.00	16.8
1E	272	0	-596	0	24	-0	-511	4.02	4.02	4.02	4.02	2	0.16	0.03	0.21	0.00	0.00	16.8
1F	272	0	110	0	24	-0	378	4.02	4.02	4.02	4.02	2	0.12	0.01	0.10	0.00	0.00	16.8
1G	272	0	-596	-0	24	0	-511	4.02	4.02	4.02	4.02	2	0.16	0.03	0.21	0.00	0.00	16.8
1H	272	0	110	-0	24	0	378	4.02	4.02	4.02	4.02	2	0.12	0.01	0.10	0.00	0.00	16.8
1I	272	-0	-396	0	29	-0	-258	4.02	4.02	4.02	4.02	2	0.08	0.02	0.19	0.00	0.00	16.8
1J	272	-0	-90	0	29	-0	169	4.02	4.02	4.02	4.02	2	0.05	0.01	0.12	0.00	0.00	16.8
1K	272	-0	-396	-0	29	0	-258	4.02	4.02	4.02	4.02	2	0.08	0.02	0.19	0.00	0.00	16.8
1L	272	-0	-90	-0	29	0	169	4.02	4.02	4.02	4.02	2	0.05	0.01	0.12	0.00	0.00	16.8
1M	272	0	-396	0	29	-0	-258	4.02	4.02	4.02	4.02	2	0.08	0.02	0.19	0.00	0.00	16.8
1N	272	0	-90	0	29	-0	169	4.02	4.02	4.02	4.02	2	0.05	0.01	0.12	0.00	0.00	16.8
1O	272	0	-396	-0	29	0	-258	4.02	4.02	4.02	4.02	2	0.08	0.02	0.19	0.00	0.00	16.8
1P	272	0	-90	-0	29	0	169	4.02	4.02	4.02	4.02	2	0.05	0.01	0.12	0.00	0.00	16.8
2	272	0	-311	0	5	-0	-80	4.02	4.02	4.02	4.02	2	0.03	0.01	0.09	0.00	0.00	16.8
7	272	0	-238	0	4	-0	-60	4.02	4.02	4.02	4.02	2	0.02	0.01	0.07	0.00	0.00	16.8

apost= --      aant= --      ainf= --      asup= --      (e arm. base= 4 X 2.01) staffe= 2 d 8 / 16.8

1A	340	-0	-759	0	24	-0	-770	4.02	4.02	4.02	4.02	2	0.25	0.03	0.25	0.00	0.00	5.3
1B	340	-0	-53	0	24	-0	433	4.02	4.02	4.02	4.02	2	0.14	0.01	0.09	0.00	0.00	5.3
1C	340	-0	-759	-0	24	0	-770	4.02	4.02	4.02	4.02	2	0.25	0.03	0.25	0.00	0.00	5.3
1D	340	-0	-53	-0	24	0	433	4.02	4.02	4.02	4.02	2	0.14	0.01	0.09	0.00	0.00	5.3
1E	340	0	-759	0	24	-0	-770	4.02	4.02	4.02	4.02	2	0.25	0.03	0.25	0.00	0.00	5.3
1F	340	0	-53	0	24	-0	433	4.02	4.02	4.02	4.02	2	0.14	0.01	0.09	0.00	0.00	5.3
1G	340	0	-759	-0	24	0	-770	4.02	4.02	4.02	4.02	2	0.25	0.03	0.25	0.00	0.00	5.3
1H	340	0	-53	-0	24	0	433	4.02	4.02	4.02	4.02	2	0.14	0.01	0.09	0.00	0.00	5.3
1I	340	-0	-559	0	29	-0	-428	4.02	4.02	4.02	4.02	2	0.14	0.03	0.22	0.00	0.00	5.3
1J	340	-0	-253	0	29	-0	151	4.02	4.02	4.02	4.02	2	0.05	0.02	0.15	0.00	0.00	5.3
1K	340	-0	-559	-0	29	0	-428	4.02	4.02	4.02	4.02	2	0.14	0.03	0.22	0.00	0.00	5.3
1L	340	-0	-253	-0	29	0	151	4.02	4.02	4.02	4.02	2	0.05	0.02	0.15	0.00	0.00	5.3
1M	340	0	-559	0	29	-0	-428	4.02	4.02	4.02	4.02	2	0.14	0.03	0.22	0.00	0.00	5.3
1N	340	0	-253	0	29	-0	151	4.02	4.02	4.02	4.02	2	0.05	0.02	0.15	0.00	0.00	5.3
1O	340	0	-559	-0	29	0	-428	4.02	4.02	4.02	4.02	2	0.14	0.03	0.22	0.00	0.00	5.3
1P	340	0	-253	-0	29	0	151	4.02	4.02	4.02	4.02	2	0.05	0.02	0.15	0.00	0.00	5.3
2	340	0	-523	0	5	-0	-212	4.02	4.02	4.02	4.02	2	0.07	0.02	0.13	0.00	0.00	5.3
7	340	0	-401	0	4	-0	-161	4.02	4.02	4.02	4.02	2	0.05	0.01	0.10	0.00	0.00	5.3

apost= --      aant= --      ainf= --      asup= --      (e arm. base= 4 X 2.01) staffe= 2 d 8 / 5.3

MOMENTO MASSIMO IN CAMPATA

NC	x	Mmax	Mmax	AINF	AINF	agg.	ASUP	ASUP	agg.	x/d	Indice di resistenza
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	cm	kg*m	cmq	cmq	cmq	cmq	cmq	cmq	cmq		flessione

1B            340            433            --            --            --            --            --            --

Nome travata: **Travi01\_IP1**    Descrizione: **Travi 1-2-3-4-5**  
**ASTA NUM. 8**    NI 18    NF 17    SEZ. Rp B= 40.0 H= 24.0 (trave)

categoria: p.p. y qy tot.  
qy medio: 2.4000 2.4000 kg/cm

armatura base = 4 X 2.01      per le armature aggiuntive consultare il tabulato

NC	x	Fx	Fy	Fz	Mx	My	Mz	APOST	AANT	AINF	ASUP	campo	Indice	resistenza	aswta	aswto	PASSO	
	cm	kg			kg*m			cmq					Fx,M	Bielle	V,Mx	cmq/m	cm	
1A	0	-0	53	0	-24	0	433	4.02	4.02	4.02	4.02	2	0.14	0.01	0.09	0.00	0.00	5.3
1B	0	-0	759	0	-24	0	-770	4.02	4.02	4.02	4.02	2	0.25	0.03	0.25	0.00	0.00	5.3
1C	0	-0	53	-0	-24	-0	433	4.02	4.02	4.02	4.02	2	0.14	0.01	0.09	0.00	0.00	5.3
1D	0	-0	759	-0	-24	-0	-770	4.02	4.02	4.02	4.02	2	0.25	0.03	0.25	0.00	0.00	5.3
1E	0	0	53	0	-24	0	433	4.02	4.02	4.02	4.02	2	0.14	0.01	0.09	0.00	0.00	5.3
1F	0	0	759	0	-24	0	-770	4.02	4.02	4.02	4.02	2	0.25	0.03	0.25	0.00	0.00	5.3
1G	0	0	53	-0	-24	-0	433	4.02	4.02	4.02	4.02	2	0.14	0.01	0.09	0.00	0.00	5.3
1H	0	0	759	-0	-24	-0	-770	4.02	4.02	4.02	4.02	2	0.25	0.03	0.25	0.00	0.00	5.3
1I	0	-0	253	0	-29	0	151	4.02	4.02	4.02	4.02	2	0.05	0.02	0.15	0.00	0.00	5.3
1J	0	-0	559	0	-29	0	-428	4.02	4.02	4.02	4.02	2	0.14	0.03	0.22	0.00	0.00	5.3
1K	0	-0	253	-0	-29	-0	151	4.02	4.02	4.02	4.02	2	0.05	0.02	0.15	0.00	0.00	5.3
1L	0	-0	559	-0	-29	-0	-428	4.02	4.02	4.02	4.02	2	0.14	0.03	0.22	0.00	0.00	5.3
1M	0	0	253	0	-29	0	151	4.02	4.02	4.02	4.02	2	0.05	0.02	0.15	0.00	0.00	5.3
1N	0	0	559	0	-29	0	-428	4.02	4.02	4.02	4.02	2	0.14	0.03	0.22	0.00	0.00	5.3
1O	0	0	253	-0	-29	-0	151	4.02	4.02	4.02	4.02	2	0.05	0.02	0.15	0.00	0.00	5.3
1P	0	0	559	-0	-29	-0	-428	4.02	4.02	4.02	4.02	2	0.14	0.03	0.22	0.00	0.00	5.3
2	0	0	523	-0	-5	-0	-212	4.02	4.02	4.02	4.02	2	0.07	0.02	0.13	0.00	0.00	5.3
7	0	0	401	-0	-4	-0	-161	4.02	4.02	4.02	4.02	2	0.05	0.01	0.10	0.00	0.00	5.3

apost= --      aant= --      ainf= --      asup= --      (e arm. base= 4 X 2.01) staffe= 2 d 8 / 5.3

1A	68	-0	-110	0	-24	0	378	4.02	4.02	4.02	4.02	2	0.12	0.01	0.10	0.00	0.00	16.8
1B	68	-0	596	0	-24	0	-511	4.02	4.02	4.02	4.02	2	0.16	0.03	0.21	0.00	0.00	16.8
1C	68	-0	-110	-0	-24	-0	378	4.02	4.02	4.02	4.02	2	0.12	0.01	0.10	0.00	0.00	16.8
1D	68	-0	596	-0	-24	-0	-511	4.02	4.02	4.02	4.02	2	0.16	0.03	0.21	0.00	0.00	16.8
1E	68	0	-110	0	-24	0	378	4.02	4.02	4.02	4.02	2	0.12	0.01	0.10	0.00	0.00	16.8
1F	68	0	596	0	-24	0	-511	4.02	4.02	4.02	4.02	2	0.16	0.03	0.21	0.00	0.00	16.8
1G	68	0	-110	-0	-24	-0	378	4.02	4.02	4.02	4.02	2	0.12	0.01	0.10	0.00	0.00	16.8
1H	68	0	596	-0	-24	-0	-511	4.02	4.02	4.02	4.02	2	0.16	0.03	0.21	0.00	0.00	16.8
1I	68	-0	90	0	-29	0	169	4.02	4.02	4.02	4.02	2	0.05	0.01	0.12	0.00	0.00	16.8
1J	68	-0	396	0	-29	0	-258	4.02	4.02	4.02	4.02	2	0.08	0.02	0.19	0.00	0.00	16.8
1K	68	-0	90	-0	-29	-0	169	4.02	4.02	4.02	4.02	2	0.05	0.01	0.12	0.00	0.00	16.8
1L	68	-0	396	-0	-29	-0	-258	4.02	4.02	4.02	4.02	2	0.08	0.02	0.19	0.00	0.00	16.8
1M	68	0	90	0	-29	0	169	4.02	4.02	4.02	4.02	2	0.05	0.01	0.12	0.00	0.00	16.8
1N	68	0	396	0	-29	0	-258	4.02	4.02	4.02	4.02	2	0.08	0.02	0.19	0.00	0.00	16.8
1O	68	0	90	-0	-29	-0	169	4.02	4.02	4.02	4.02	2	0.05	0.01	0.12	0.00	0.00	16.8
1P	68	0	396	-0	-29	-0	-258	4.02	4.02	4.02	4.02	2	0.08	0.02	0.19	0.00	0.00	16.8
2	68	0	311	-0	-5	-0	-80	4.02	4.02	4.02	4.02	2	0.03	0.01	0.09	0.00	0.00	16.8
7	68	0	238	-0	-4	-0	-60	4.02	4.02	4.02	4.02	2	0.02	0.01	0.07	0.00	0.00	16.8

apost= --      aant= --      ainf= --      asup= --      (e arm. base= 4 X 2.01) staffe= 2 d 8 / 16.8

1A	136	-0	-273	0	-24	-0	287	4.02	4.02	4.02	4.02	2	0.09	0.02	0.13	0.00	0.00	16.8
1B	136	-0	433	0	-24	-0	-122	4.02	4.02	4.02	4.02	2	0.04	0.02	0.18	0.00	0.00	16.8
1C	136	-0	-273	-0	-24	-0	287	4.02	4.02	4.02	4.02	2	0.09	0.02	0.13	0.00	0.00	16.8
1D	136	-0	433	-0	-24	-0	-122	4.02	4.02	4.02	4.02	2	0.04	0.02	0.18	0.00	0.00	16.8
1E	136	0	-273	0	-24	-0	287	4.02	4.02	4.02	4.02	2	0.09	0.02	0.13	0.00	0.00	16.8
1F	136	0	433	0	-24	-0	-122	4.02	4.02	4.02	4.02	2	0.04	0.02	0.18	0.00	0.00	16.8
1G	136	0	-273	-0	-24	-0	287	4.02	4.02	4.02	4.02	2	0.09	0.02	0.13	0.00	0.00	16.8
1H	136	0	433	-0	-24	-0	-122	4.02	4.02	4.02	4.02	2	0.04	0.02	0.18	0.00	0.00	16.8
1I	136	-0	-73	0	-29	-0	171	4.02	4.02	4.02	4.02	2	0.05	0.01	0.11	0.00	0.00	16.8
1J	136	-0	233	0	-29	-0	104	4.02	4.02	4.02	4.02	2	0.03	0.02	0.14	0.00	0.00	16.8
1K	136	-0	-73	-0	-29	-0	171	4.02	4.02	4.02	4.02	2	0.05	0.01	0.11	0.00	0.00	16.8
1L	136	-0	233	-0	-29	-0	104	4.02	4.02	4.02	4.02	2	0.03	0.02	0.14	0.00	0.00	16.8
1M	136	0	-73	0	-29	-0	171	4.02	4.02	4.02	4.02	2	0.05	0.01	0.11	0.00	0.00	16.8
1N	136	0	233	0	-29	-0	104	4.02	4.02	4.02	4.02	2	0.03	0.02	0.14	0.00	0.00	16.8
1O	136	0	-73	-0	-29	-0	171	4.02	4.02	4.02	4.02	2	0.05	0.01	0.11	0.00	0.00	16.8
1P	136	0	233	-0	-29	-0	104	4.02	4.02	4.02	4.02	2	0.03	0.02	0.14	0.00	0.00	16.8
2	136	0	99	-0	-5	-0	133	4.02	4.02	4.02	4.02	2	0.04	0.00	0.04	0.00	0.00	16.8
7	136	0	75	-0	-4	-0	103	4.02	4.02	4.02	4.02	2	0.03	0.00	0.03	0.00	0.00	16.8

apost= --      aant= --      ainf= --      asup= --      (e arm. base= 4 X 2.01) staffe= 2 d 8 / 16.8

1A	204	-0	-436	0	-24	-0	-122	4.02	4.02	4.02	4.02	2	0.04	0.02	0.18	0.00	0.00	16.8
1B	204	-0	270	0	-24	-0	282	4.02	4.02	4.02	4.02	2	0.09	0.01	0.13	0.00	0.00	16.8
1C	204	-0	-436	-0	-24	-0	-122	4.02	4.02	4.02	4.02	2	0.04	0.02	0.18	0.00	0.00	16.8
1D	204	-0	270	-0	-24	-0	282	4.02	4.02	4.02	4.02	2	0.09	0.01	0.13	0.00	0.00	16.8
1E	204	0	-436	0	-24	-0	-122	4.02	4.02	4.02	4.02	2	0.04	0.02	0.18	0.00	0.00	16.8
1F	204	0	270	0	-24	-0	282	4.02	4.02	4.02	4.02	2	0.09	0.01	0.13	0.00	0.00	16.8
1G	204	0	-436	-0	-24	-0	-122	4.02	4.02	4.02	4.02	2	0.04	0.02	0.18	0.00	0.00	16.8
1H	204	0	270	-0	-24	-0	282	4.02	4.02	4.02	4.02	2	0.09	0.01	0.13	0.00	0.00	16.8
1I	204	-0	-236	0	-29	-0	104	4.02	4.02	4.02	4.02	2	0.03	0.02	0.15	0.00	0.00	16.8
1J	204	-0	69	0	-29	-0	168	4.02	4.02	4.02	4.02	2	0.05	0.01	0.11	0.00	0.00	16.8
1K	204	-0	-236	-0	-29	-0	104	4.02	4.02	4.02	4.02	2	0.03	0.02	0.15	0.00	0.00	16.8
1L	204	-0	69	-0	-29	-0	168	4.02	4.02	4.02	4.02	2	0.05	0.01	0.11	0.00	0.00	16.8
1M	204	0	-236	0	-29	-0	104	4.02	4.02	4.02	4.02	2	0.03	0.02	0.15	0.00	0.00	16.8
1N	204	0	69	0	-29	-0	168	4.02	4.02	4.02	4.02	2	0.05	0.01	0.11	0.00	0.00	16.8
1O	204	0	-236	-0	-29	-0	104	4.02	4.02	4.02	4.02	2	0.03	0.02	0.15	0.00	0.00	16.8
1P	204	0	69	-0	-29	-0	168	4.02	4.02	4.02	4.02	2	0.05	0.01	0.11	0.00	0.00	16.8
2	204	0	-113	-0	-5	-0	133	4.02	4.02	4.02	4.02	2	0.04	0.00	0.04	0.00	0.00	16.8
7	204	0	-88	-0	-4	-0	103	4.02	4.02	4.02	4.02	2	0.03	0.00	0.03	0.00	0.00	16.8

apost= --      aant= --      ainf= --      asup= --      (e arm. base= 4 X 2.01) staffe= 2 d 8 / 16.8

1A	272	-0	-600	0	-24	-0	-513	4.02	4.02	4.02	4.02	2	0.16	0.03	0.21	0.00	0.00	16.8
1B	272	-0	106	0	-24	-0	372	4.02	4.02	4.02	4.02	2	0.12	0.01	0.10	0.00	0.00	16.8
1C	272	-0	-600	-0	-24	0	-513	4.02	4.02	4.02	4.02	2	0.16	0.03	0.21	0.00	0.00	16.8
1D	272	-0	106	-0	-24	0	372	4.02	4.02	4.02	4.02	2	0.12	0.01	0.10	0.00	0.00	16.8
1E	272	0	-600	0	-24	-0	-513	4.02	4.02	4.02	4.02	2	0.16	0.03	0.21	0.00	0.00	16.8
1F	272	0	106	0	-24	-0	372	4.02	4.02	4.02	4.02	2	0.12	0.01	0.10	0.00	0.00	16.8
1G	272	0	-600	-0	-24	0	-513	4.02	4.02	4.02	4.02	2	0.16	0.03	0.21	0.00	0.00	16.8
1H	272	0	106	-0	-24	0	372	4.02	4.02	4.02	4.02	2	0.12	0.01	0.10	0.00	0.00	16.8
1I	272	-0	-399	0	-29	-0	-262	4.02	4.02	4.02	4.02	2	0.08	0.02	0.19	0.00	0.00	16.8
1J	272	-0	-94	0	-29	-0	165	4.02	4.02	4.02	4.02	2	0.05	0.01	0.12	0.00	0.00	16.8
1K	272	-0	-399	-0	-29	0	-262	4.02	4.02	4.02	4.02	2	0.08	0.02	0.19	0.00	0.00	16.8
1L	272	-0	-94	-0	-29	0	165	4.02	4.02	4.02	4.02	2	0.05	0.01	0.12	0.00	0.00	16.8
1M	272	0	-399	0	-29	-0	-262	4.02	4.02	4.02	4.02	2	0.08	0.02	0.19	0.00	0.00	16.8
1N	272	0	-94	0	-29	-0	165	4.02	4.02	4.02	4.02	2	0.05	0.01	0.12	0.00	0.00	16.8
1O	272	0	-399	-0	-29	0	-262	4.02	4.02	4.02	4.02	2	0.08	0.02	0.19	0.00	0.00	16.8
1P	272	0	-94	-0	-29	0	165	4.02	4.02	4.02	4.02	2	0.05	0.01	0.12	0.00	0.00	16.8
2	272	0	-326	-0	-5	-0	-98	4.02	4.02	4.02	4.02	2	0.03	0.01	0.09	0.00	0.00	16.8
7	272	0	-252	-0	-4	-0	-77	4.02	4.02	4.02	4.02	2	0.02	0.01	0.07	0.00	0.00	16.8

apost= --      aant= --      ainf= --      asup= --      (e arm. base= 4 X 2.01) staffe= 2 d 8 / 16.8

1A	340	-0	-763	0	-24	-0	-773	4.02	4.02	4.02	4.02	2	0.25	0.03	0.25	0.00	0.00	5.3
1B	340	-0	-57	0	-24	-0	433	4.02	4.02	4.02	4.02	2	0.14	0.01	0.09	0.00	0.00	5.3
1C	340	-0	-763	-0	-24	0	-773	4.02	4.02	4.02	4.02	2	0.25	0.03	0.25	0.00	0.00	5.3
1D	340	-0	-57	-0	-24	0	433	4.02	4.02	4.02	4.02	2	0.14	0.01	0.09	0.00	0.00	5.3
1E	340	0	-763	0	-24	-0	-773	4.02	4.02	4.02	4.02	2	0.25	0.03	0.25	0.00	0.00	5.3
1F	340	0	-57	0	-24	-0	433	4.02	4.02	4.02	4.02	2	0.14	0.01	0.09	0.00	0.00	5.3
1G	340	0	-763	-0	-24	0	-773	4.02	4.02	4.02	4.02	2	0.25	0.03	0.25	0.00	0.00	5.3
1H	340	0	-57	-0	-24	0	433	4.02	4.02	4.02	4.02	2	0.14	0.01	0.09	0.00	0.00	5.3
1I	340	-0	-563	0	-29	-0	-433	4.02	4.02	4.02	4.02	2	0.14	0.03	0.22	0.00	0.00	5.3
1J	340	-0	-257	0	-29	-0	146	4.02	4.02	4.02	4.02	2	0.05	0.02	0.15	0.00	0.00	5.3
1K	340	-0	-563	-0	-29	0	-433	4.02	4.02	4.02	4.02	2	0.14	0.03	0.22	0.00	0.00	5.3
1L	340	-0	-257	-0	-29	0	146	4.02	4.02	4.02	4.02	2	0.05	0.02	0.15	0.00	0.00	5.3
1M	340	0	-563	0	-29	-0	-433	4.02	4.02	4.02	4.02	2	0.14	0.03	0.22	0.00	0.00	5.3
1N	340	0	-257	0	-29	-0	146	4.02	4.02	4.02	4.02	2	0.05	0.02	0.15	0.00	0.00	5.3
1O	340	0	-563	-0	-29	0	-433	4.02	4.02	4.02	4.02	2	0.14	0.03	0.22	0.00	0.00	5.3
1P	340	0	-257	-0	-29	0	146	4.02	4.02	4.02	4.02	2	0.05	0.02	0.15	0.00	0.00	5.3
2	340	0	-538	-0	-5	0	-234	4.02	4.02	4.02	4.02	2	0.07	0.02	0.14	0.00	0.00	5.3
7	340	0	-415	-0	-4	0	-182	4.02	4.02	4.02	4.02	2	0.06	0.01	0.11	0.00	0.00	5.3

apost= --      aant= --      ainf= --      asup= --      (e arm. base= 4 X 2.01) staffe= 2 d 8 / 5.3

MOMENTO MASSIMO IN CAMPATA

NC	x Mmax	Mmax	AINF	AINF	agg.	ASUP	ASUP	agg.	x/d	Indice di resistenza
	cm	kg*m	cmq	cmq		cmq	cmq			flessione
1A	0	433	--	--		--	--		--	--

Nome travata: **Travi01\_IP1** Descrizione: **Travi 1-2-3-4-5**  
**ASTA NUM. 9** NI 17 NF 16 SEZ. Rp B= 40.0 H= 24.0 (trave)

categoria: p.p. y qy tot.  
qy medio: 2.4000 2.4000 kg/cm

armatura base = 4 X 2.01 per le armature aggiuntive consultare il tabulato

NC	x	Fx	Fy	Fz	Mx	My	Mz	APOST	AANT	AINF	ASUP	campo	Indice	resistenza	aswta	aswto	PASSO
	cm		kg			kg*m				cmq			Fx,M	Bielle	V,Mx	cmq/m	cm
1A	0	-0	194	0	-69	0	260	4.02	4.02	4.02	4.02	2	0.08	0.02	0.27	0.00	5.3
1B	0	-0	722	0	-69	0	-677	4.02	4.02	4.02	4.02	2	0.22	0.04	0.39	0.00	5.3
1C	0	-0	194	-0	-69	-0	260	4.02	4.02	4.02	4.02	2	0.08	0.02	0.27	0.00	5.3
1D	0	-0	722	-0	-69	-0	-677	4.02	4.02	4.02	4.02	2	0.22	0.04	0.39	0.00	5.3
1E	0	0	194	0	-69	0	260	4.02	4.02	4.02	4.02	2	0.08	0.02	0.27	0.00	5.3
1F	0	0	722	0	-69	0	-677	4.02	4.02	4.02	4.02	2	0.22	0.04	0.39	0.00	5.3
1G	0	0	194	-0	-69	-0	260	4.02	4.02	4.02	4.02	2	0.08	0.02	0.27	0.00	5.3
1H	0	0	722	-0	-69	-0	-677	4.02	4.02	4.02	4.02	2	0.22	0.04	0.39	0.00	5.3
1I	0	-0	319	0	-75	0	77	4.02	4.02	4.02	4.02	2	0.02	0.03	0.31	0.00	5.3
1J	0	-0	597	0	-75	0	-465	4.02	4.02	4.02	4.02	2	0.15	0.04	0.38	0.00	5.3
1K	0	-0	319	-0	-75	-0	77	4.02	4.02	4.02	4.02	2	0.02	0.03	0.31	0.00	5.3
1L	0	-0	597	-0	-75	-0	-465	4.02	4.02	4.02	4.02	2	0.15	0.04	0.38	0.00	5.3
1M	0	0	319	0	-75	0	77	4.02	4.02	4.02	4.02	2	0.02	0.03	0.31	0.00	5.3
1N	0	0	597	0	-75	0	-465	4.02	4.02	4.02	4.02	2	0.15	0.04	0.38	0.00	5.3
1O	0	0	319	-0	-75	-0	77	4.02	4.02	4.02	4.02	2	0.02	0.03	0.31	0.00	5.3
1P	0	0	597	-0	-75	-0	-465	4.02	4.02	4.02	4.02	2	0.15	0.04	0.38	0.00	5.3
2	0	0	581	0	-77	0	-279	4.02	4.02	4.02	4.02	2	0.09	0.04	0.38	0.00	5.3
7	0	0	443	0	-61	0	-208	4.02	4.02	4.02	4.02	2	0.07	0.03	0.30	0.00	5.3

apost= --      aant= --      ainf= --      asup= --      (e arm. base= 4 X 2.01) staffe= 2 d 8 / 5.3

1A	68	-0	31	0	-69	0	229	4.02	4.02	4.02	4.02	2	0.07	0.02	0.23	0.00	16.8
1B	68	-0	559	0	-69	0	-442	4.02	4.02	4.02	4.02	2	0.14	0.04	0.35	0.00	16.8
1C	68	-0	31	-0	-69	-0	229	4.02	4.02	4.02	4.02	2	0.07	0.02	0.23	0.00	16.8
1D	68	-0	559	-0	-69	-0	-442	4.02	4.02	4.02	4.02	2	0.14	0.04	0.35	0.00	16.8
1E	68	0	31	0	-69	0	229	4.02	4.02	4.02	4.02	2	0.07	0.02	0.23	0.00	16.8
1F	68	0	559	0	-69	0	-442	4.02	4.02	4.02	4.02	2	0.14	0.04	0.35	0.00	16.8
1G	68	0	31	-0	-69	-0	229	4.02	4.02	4.02	4.02	2	0.07	0.02	0.23	0.00	16.8
1H	68	0	559	-0	-69	-0	-442	4.02	4.02	4.02	4.02	2	0.14	0.04	0.35	0.00	16.8
1I	68	-0	155	0	-75	0	131	4.02	4.02	4.02	4.02	2	0.04	0.02	0.28	0.00	16.8
1J	68	-0	434	0	-75	0	-285	4.02	4.02	4.02	4.02	2	0.09	0.03	0.34	0.00	16.8
1K	68	-0	155	-0	-75	-0	131	4.02	4.02	4.02	4.02	2	0.04	0.02	0.28	0.00	16.8
1L	68	-0	434	-0	-75	-0	-285	4.02	4.02	4.02	4.02	2	0.09	0.03	0.34	0.00	16.8
1M	68	0	155	0	-75	0	131	4.02	4.02	4.02	4.02	2	0.04	0.02	0.28	0.00	16.8
1N	68	0	434	0	-75	0	-285	4.02	4.02	4.02	4.02	2	0.09	0.03	0.34	0.00	16.8
1O	68	0	155	-0	-75	-0	131	4.02	4.02	4.02	4.02	2	0.04	0.02	0.28	0.00	16.8
1P	68	0	434	-0	-75	-0	-285	4.02	4.02	4.02	4.02	2	0.09	0.03	0.34	0.00	16.8
2	68	0	369	0	-77	-0	-130	4.02	4.02	4.02	4.02	2	0.04	0.03	0.34	0.00	16.8
7	68	0	280	0	-61	-0	-95	4.02	4.02	4.02	4.02	2	0.03	0.03	0.26	0.00	16.8

apost= --      aant= --      ainf= --      asup= --      (e arm. base= 4 X 2.01) staffe= 2 d 8 / 16.8

1A	136	-0	-132	0	-69	-0	219	4.02	4.02	4.02	4.02	2	0.07	0.02	0.25	0.00	16.8
1B	136	-0	396	0	-69	-0	108	4.02	4.02	4.02	4.02	2	0.03	0.03	0.31	0.00	16.8
1C	136	-0	-132	-0	-69	-0	219	4.02	4.02	4.02	4.02	2	0.07	0.02	0.25	0.00	16.8
1D	136	-0	396	-0	-69	-0	108	4.02	4.02	4.02	4.02	2	0.03	0.03	0.31	0.00	16.8
1E	136	0	-132	0	-69	-0	219	4.02	4.02	4.02	4.02	2	0.07	0.02	0.25	0.00	16.8
1F	136	0	396	0	-69	-0	108	4.02	4.02	4.02	4.02	2	0.03	0.03	0.31	0.00	16.8
1G	136	0	-132	-0	-69	-0	219	4.02	4.02	4.02	4.02	2	0.07	0.02	0.25	0.00	16.8
1H	136	0	396	-0	-69	-0	108	4.02	4.02	4.02	4.02	2	0.03	0.03	0.31	0.00	16.8
1I	136	-0	-8	0	-75	-0	147	4.02	4.02	4.02	4.02	2	0.05	0.02	0.25	0.00	16.8
1J	136	-0	271	0	-75	-0	121	4.02	4.02	4.02	4.02	2	0.04	0.03	0.30	0.00	16.8
1K	136	-0	-8	-0	-75	-0	147	4.02	4.02	4.02	4.02	2	0.05	0.02	0.25	0.00	16.8
1L	136	-0	271	-0	-75	-0	121	4.02	4.02	4.02	4.02	2	0.04	0.03	0.30	0.00	16.8
1M	136	0	-8	0	-75	-0	147	4.02	4.02	4.02	4.02	2	0.05	0.02	0.25	0.00	16.8
1N	136	0	271	0	-75	-0	121	4.02	4.02	4.02	4.02	2	0.04	0.03	0.30	0.00	16.8
1O	136	0	-8	-0	-75	-0	147	4.02	4.02	4.02	4.02	2	0.05	0.02	0.25	0.00	16.8
1P	136	0	271	-0	-75	-0	121	4.02	4.02	4.02	4.02	2	0.04	0.03	0.30	0.00	16.8
2	136	0	157	0	-77	-0	171	4.02	4.02	4.02	4.02	2	0.05	0.03	0.29	0.00	16.8
7	136	0	117	0	-61	-0	130	4.02	4.02	4.02	4.02	2	0.04	0.02	0.22	0.00	16.8

apost= --      aant= --      ainf= --      asup= --      (e arm. base= 4 X 2.01) staffe= 2 d 8 / 16.8

1A	204	-0	-296	0	-69	-0	112	4.02	4.02	4.02	4.02	2	0.04	0.03	0.29	0.00	16.8
1B	204	-0	232	0	-69	-0	283	4.02	4.02	4.02	4.02	2	0.09	0.03	0.27	0.00	16.8
1C	204	-0	-296	-0	-69	-0	112	4.02	4.02	4.02	4.02	2	0.04	0.03	0.29	0.00	16.8
1D	204	-0	232	-0	-69	-0	283	4.02	4.02	4.02	4.02	2	0.09	0.03	0.27	0.00	16.8
1E	204	0	-296	0	-69	-0	112	4.02	4.02	4.02	4.02	2	0.04	0.03	0.29	0.00	16.8
1F	204	0	232	0	-69	-0	283	4.02	4.02	4.02	4.02	2	0.09	0.03	0.27	0.00	16.8
1G	204	0	-296	-0	-69	-0	112	4.02	4.02	4.02	4.02	2	0.04	0.03	0.29	0.00	16.8
1H	204	0	232	-0	-69	-0	283	4.02	4.02	4.02	4.02	2	0.09	0.03	0.27	0.00	16.8
1I	204	-0	-171	0	-75	-0	124	4.02	4.02	4.02	4.02	2	0.04	0.03	0.28	0.00	16.8
1J	204	-0	108	0	-75	-0	212	4.02	4.02	4.02	4.02	2	0.07	0.02	0.27	0.00	16.8
1K	204	-0	-171	-0	-75	-0	124	4.02	4.02	4.02	4.02	2	0.04	0.03	0.28	0.00	16.8
1L	204	-0	108	-0	-75	-0	212	4.02	4.02	4.02	4.02	2	0.07	0.02	0.27	0.00	16.8



1M	204	0	-171	0	-75	-0	124	4.02	4.02	4.02	4.02	2	0.04	0.03	0.28	0.00	0.00	16.8
1N	204	0	108	0	-75	-0	212	4.02	4.02	4.02	4.02	2	0.07	0.02	0.27	0.00	0.00	16.8
1O	204	0	-171	-0	-75	-0	124	4.02	4.02	4.02	4.02	2	0.04	0.03	0.28	0.00	0.00	16.8
1P	204	0	108	-0	-75	-0	212	4.02	4.02	4.02	4.02	2	0.07	0.02	0.27	0.00	0.00	16.8
2	204	0	-55	0	-77	-0	171	4.02	4.02	4.02	4.02	2	0.05	0.02	0.27	0.00	0.00	16.8
7	204	0	-47	0	-61	-0	130	4.02	4.02	4.02	4.02	2	0.04	0.02	0.21	0.00	0.00	16.8

apost= --      aant= --      ainf= --      asup= --      (e arm. base= 4 X 2.01) staffe= 2 d 8 / 16.8

1A	272	-0	-459	0	-69	-0	-323	4.02	4.02	4.02	4.02	2	0.10	0.03	0.33	0.00	0.00	16.8
1B	272	-0	69	0	-69	-0	347	4.02	4.02	4.02	4.02	2	0.11	0.02	0.24	0.00	0.00	16.8
1C	272	-0	-459	-0	-69	0	-323	4.02	4.02	4.02	4.02	2	0.10	0.03	0.33	0.00	0.00	16.8
1D	272	-0	69	-0	-69	0	347	4.02	4.02	4.02	4.02	2	0.11	0.02	0.24	0.00	0.00	16.8
1E	272	0	-459	0	-69	-0	-323	4.02	4.02	4.02	4.02	2	0.10	0.03	0.33	0.00	0.00	16.8
1F	272	0	69	0	-69	-0	347	4.02	4.02	4.02	4.02	2	0.11	0.02	0.24	0.00	0.00	16.8
1G	272	0	-459	-0	-69	0	-323	4.02	4.02	4.02	4.02	2	0.10	0.03	0.33	0.00	0.00	16.8
1H	272	0	69	-0	-69	0	347	4.02	4.02	4.02	4.02	2	0.11	0.02	0.24	0.00	0.00	16.8
1I	272	-0	-334	0	-75	-0	-167	4.02	4.02	4.02	4.02	2	0.05	0.03	0.32	0.00	0.00	16.8
1J	272	-0	-55	0	-75	-0	217	4.02	4.02	4.02	4.02	2	0.07	0.02	0.26	0.00	0.00	16.8
1K	272	-0	-334	-0	-75	-0	-167	4.02	4.02	4.02	4.02	2	0.05	0.03	0.32	0.00	0.00	16.8
1L	272	-0	-55	-0	-75	-0	217	4.02	4.02	4.02	4.02	2	0.07	0.02	0.26	0.00	0.00	16.8
1M	272	0	-334	0	-75	-0	-167	4.02	4.02	4.02	4.02	2	0.05	0.03	0.32	0.00	0.00	16.8
1N	272	0	-55	0	-75	-0	217	4.02	4.02	4.02	4.02	2	0.07	0.02	0.26	0.00	0.00	16.8
1O	272	0	-334	-0	-75	-0	-167	4.02	4.02	4.02	4.02	2	0.05	0.03	0.32	0.00	0.00	16.8
1P	272	0	-55	-0	-75	-0	217	4.02	4.02	4.02	4.02	2	0.07	0.02	0.26	0.00	0.00	16.8
2	272	0	-267	0	-77	-0	124	4.02	4.02	4.02	4.02	2	0.04	0.03	0.31	0.00	0.00	16.8
7	272	0	-210	0	-61	-0	92	4.02	4.02	4.02	4.02	2	0.03	0.02	0.24	0.00	0.00	16.8

apost= --      aant= --      ainf= --      asup= --      (e arm. base= 4 X 2.01) staffe= 2 d 8 / 16.8

1A	340	-0	-622	0	-69	-0	-528	4.02	4.02	4.02	4.02	2	0.17	0.04	0.37	0.00	0.00	5.3
1B	340	-0	-94	0	-69	-0	376	4.02	4.02	4.02	4.02	2	0.12	0.02	0.25	0.00	0.00	5.3
1C	340	-0	-622	-0	-69	0	-528	4.02	4.02	4.02	4.02	2	0.17	0.04	0.37	0.00	0.00	5.3
1D	340	-0	-94	-0	-69	0	376	4.02	4.02	4.02	4.02	2	0.12	0.02	0.25	0.00	0.00	5.3
1E	340	0	-622	0	-69	-0	-528	4.02	4.02	4.02	4.02	2	0.17	0.04	0.37	0.00	0.00	5.3
1F	340	0	-94	0	-69	-0	376	4.02	4.02	4.02	4.02	2	0.12	0.02	0.25	0.00	0.00	5.3
1G	340	0	-622	-0	-69	0	-528	4.02	4.02	4.02	4.02	2	0.17	0.04	0.37	0.00	0.00	5.3
1H	340	0	-94	-0	-69	0	376	4.02	4.02	4.02	4.02	2	0.12	0.02	0.25	0.00	0.00	5.3
1I	340	-0	-497	0	-75	-0	-317	4.02	4.02	4.02	4.02	2	0.10	0.04	0.36	0.00	0.00	5.3
1J	340	-0	-219	0	-75	-0	216	4.02	4.02	4.02	4.02	2	0.07	0.03	0.29	0.00	0.00	5.3
1K	340	-0	-497	-0	-75	0	-317	4.02	4.02	4.02	4.02	2	0.10	0.04	0.36	0.00	0.00	5.3
1L	340	-0	-219	-0	-75	0	216	4.02	4.02	4.02	4.02	2	0.07	0.03	0.29	0.00	0.00	5.3
1M	340	0	-497	0	-75	-0	-317	4.02	4.02	4.02	4.02	2	0.10	0.04	0.36	0.00	0.00	5.3
1N	340	0	-219	0	-75	-0	216	4.02	4.02	4.02	4.02	2	0.07	0.03	0.29	0.00	0.00	5.3
1O	340	0	-497	-0	-75	0	-317	4.02	4.02	4.02	4.02	2	0.10	0.04	0.36	0.00	0.00	5.3
1P	340	0	-219	-0	-75	0	216	4.02	4.02	4.02	4.02	2	0.07	0.03	0.29	0.00	0.00	5.3
2	340	0	-479	0	-77	-0	-121	4.02	4.02	4.02	4.02	2	0.04	0.04	0.36	0.00	0.00	5.3
7	340	0	-373	0	-61	-0	-99	4.02	4.02	4.02	4.02	2	0.03	0.03	0.28	0.00	0.00	5.3

apost= --      aant= --      ainf= --      asup= --      (e arm. base= 4 X 2.01) staffe= 2 d 8 / 5.3

MOMENTO MASSIMO IN CAMPATA

NC	x	Mmax	Mmax	AINF	AINF	agg.	ASUP	ASUP	agg.	x/d	Indice di resistenza
	cm	kg*m		cmq	cmq		cmq	cmq			flessione

1H      340      376      --      --      --      --      --      --

Nome travata: **Travi02\_IP1**      Descrizione: **Travi 6-7-8-9-10**  
**ASTA NUM. 10**      NI 11      NF 12      SEZ.      Rp B= 40.0      H= 24.0      (trave)

categoria: p.p. y qy tot.  
qy medio: 2.4000 2.4000      kg/cm

armatura base = 4 X 2.01      per le armature aggiuntive consultare il tabulato

NC	x	Fx	Fy	Fz	Mx	My	Mz	APOST	AANT	AINF	ASUP	campo	Indice	resistenza	aswta	aswto	PASSO	
	cm	kg			kg*m			cmq					Fx,M	Bielle	V,Mx	cmq/m	cm	
1A	0	-0	94	0	-69	0	376	4.02	4.02	4.02	4.02	2	0.12	0.02	0.25	0.00	0.00	5.3
1B	0	-0	622	0	-69	0	-528	4.02	4.02	4.02	4.02	2	0.17	0.04	0.37	0.00	0.00	5.3
1C	0	-0	94	-0	-69	-0	376	4.02	4.02	4.02	4.02	2	0.12	0.02	0.25	0.00	0.00	5.3
1D	0	-0	622	-0	-69	-0	-528	4.02	4.02	4.02	4.02	2	0.17	0.04	0.37	0.00	0.00	5.3
1E	0	0	94	0	-69	0	376	4.02	4.02	4.02	4.02	2	0.12	0.02	0.25	0.00	0.00	5.3
1F	0	0	622	0	-69	0	-528	4.02	4.02	4.02	4.02	2	0.17	0.04	0.37	0.00	0.00	5.3
1G	0	0	94	-0	-69	-0	376	4.02	4.02	4.02	4.02	2	0.12	0.02	0.25	0.00	0.00	5.3
1H	0	0	622	-0	-69	-0	-528	4.02	4.02	4.02	4.02	2	0.17	0.04	0.37	0.00	0.00	5.3
1I	0	-0	219	0	-75	0	216	4.02	4.02	4.02	4.02	2	0.07	0.03	0.29	0.00	0.00	5.3
1J	0	-0	497	0	-75	0	-317	4.02	4.02	4.02	4.02	2	0.10	0.04	0.36	0.00	0.00	5.3
1K	0	-0	219	-0	-75	-0	216	4.02	4.02	4.02	4.02	2	0.07	0.03	0.29	0.00	0.00	5.3
1L	0	-0	497	-0	-75	-0	-317	4.02	4.02	4.02	4.02	2	0.10	0.04	0.36	0.00	0.00	5.3
1M	0	0	219	0	-75	0	216	4.02	4.02	4.02	4.02	2	0.07	0.03	0.29	0.00	0.00	5.3
1N	0	0	497	0	-75	0	-317	4.02	4.02	4.02	4.02	2	0.10	0.04	0.36	0.00	0.00	5.3
1O	0	0	219	-0	-75	-0	216	4.02	4.02	4.02	4.02	2	0.07	0.03	0.29	0.00	0.00	5.3
1P	0	0	497	-0	-75	-0	-317	4.02	4.02	4.02	4.02	2	0.10	0.04	0.36	0.00	0.00	5.3
2	0	-0	479	-0	-77	-0	-121	4.02	4.02	4.02	4.02	2	0.04	0.04	0.36	0.00	0.00	5.3
7	0	-0	373	-0	-61	-0	-99	4.02	4.02	4.02	4.02	2	0.03	0.03	0.28	0.00	0.00	5.3

apost= --      aant= --      ainf= --      asup= --      (e arm. base= 4 X 2.01) staffe= 2 d 8 / 5.3

1A	68	-0	-69	0	-69	0	347	4.02	4.02	4.02	4.02	2	0.11	0.02	0.24	0.00	0.00	16.8
1B	68	-0	459	0	-69	0	-323	4.02	4.02	4.02	4.02	2	0.10	0.03	0.33	0.00	0.00	16.8
1C	68	-0	-69	-0	-69	-0	347	4.02	4.02	4.02	4.02	2	0.11	0.02	0.24	0.00	0.00	16.8
1D	68	-0	459	-0	-69	-0	-323	4.02	4.02	4.02	4.02	2	0.10	0.03	0.33	0.00	0.00	16.8
1E	68	0	-69	0	-69	0	347	4.02	4.02	4.02	4.02	2	0.11	0.02	0.24	0.00	0.00	16.8
1F	68	0	459	0	-69	0	-323	4.02	4.02	4.02	4.02	2	0.10	0.03	0.33	0.00	0.00	16.8

1G	68	0	-69	-0	-69	-0	347	4.02	4.02	4.02	4.02	2	0.11	0.02	0.24	0.00	0.00	16.8
1H	68	0	459	-0	-69	-0	-323	4.02	4.02	4.02	4.02	2	0.10	0.03	0.33	0.00	0.00	16.8
1I	68	-0	55	0	-75	-0	217	4.02	4.02	4.02	4.02	2	0.07	0.02	0.26	0.00	0.00	16.8
1J	68	-0	334	0	-75	-0	-167	4.02	4.02	4.02	4.02	2	0.05	0.03	0.32	0.00	0.00	16.8
1K	68	-0	55	-0	-75	-0	217	4.02	4.02	4.02	4.02	2	0.07	0.02	0.26	0.00	0.00	16.8
1L	68	-0	334	-0	-75	-0	-167	4.02	4.02	4.02	4.02	2	0.05	0.03	0.32	0.00	0.00	16.8
1M	68	0	55	0	-75	-0	217	4.02	4.02	4.02	4.02	2	0.07	0.02	0.26	0.00	0.00	16.8
1N	68	0	334	0	-75	-0	-167	4.02	4.02	4.02	4.02	2	0.05	0.03	0.32	0.00	0.00	16.8
1O	68	0	55	-0	-75	-0	217	4.02	4.02	4.02	4.02	2	0.07	0.02	0.26	0.00	0.00	16.8
1P	68	0	334	-0	-75	-0	-167	4.02	4.02	4.02	4.02	2	0.05	0.03	0.32	0.00	0.00	16.8
2	68	-0	267	-0	-77	-0	124	4.02	4.02	4.02	4.02	2	0.04	0.03	0.31	0.00	0.00	16.8
7	68	-0	210	-0	-61	-0	92	4.02	4.02	4.02	4.02	2	0.03	0.02	0.24	0.00	0.00	16.8

apost= --      aant= --      ainf= --      asup= --      (e arm. base= 4 X 2.01) staffe= 2 d 8 / 16.8

1A	136	-0	-232	0	-69	-0	283	4.02	4.02	4.02	4.02	2	0.09	0.03	0.27	0.00	0.00	16.8
1B	136	-0	296	0	-69	-0	112	4.02	4.02	4.02	4.02	2	0.04	0.03	0.29	0.00	0.00	16.8
1C	136	-0	-232	-0	-69	-0	283	4.02	4.02	4.02	4.02	2	0.09	0.03	0.27	0.00	0.00	16.8
1D	136	-0	296	-0	-69	-0	112	4.02	4.02	4.02	4.02	2	0.04	0.03	0.29	0.00	0.00	16.8
1E	136	0	-232	0	-69	-0	283	4.02	4.02	4.02	4.02	2	0.09	0.03	0.27	0.00	0.00	16.8
1F	136	0	296	0	-69	-0	112	4.02	4.02	4.02	4.02	2	0.04	0.03	0.29	0.00	0.00	16.8
1G	136	0	-232	-0	-69	-0	283	4.02	4.02	4.02	4.02	2	0.09	0.03	0.27	0.00	0.00	16.8
1H	136	0	296	-0	-69	-0	112	4.02	4.02	4.02	4.02	2	0.04	0.03	0.29	0.00	0.00	16.8
1I	136	-0	-108	0	-75	-0	212	4.02	4.02	4.02	4.02	2	0.07	0.02	0.27	0.00	0.00	16.8
1J	136	-0	171	0	-75	-0	124	4.02	4.02	4.02	4.02	2	0.04	0.03	0.28	0.00	0.00	16.8
1K	136	-0	-108	-0	-75	-0	212	4.02	4.02	4.02	4.02	2	0.07	0.02	0.27	0.00	0.00	16.8
1L	136	-0	171	-0	-75	-0	124	4.02	4.02	4.02	4.02	2	0.04	0.03	0.28	0.00	0.00	16.8
1M	136	0	-108	0	-75	-0	212	4.02	4.02	4.02	4.02	2	0.07	0.02	0.27	0.00	0.00	16.8
1N	136	0	171	0	-75	-0	124	4.02	4.02	4.02	4.02	2	0.04	0.03	0.28	0.00	0.00	16.8
1O	136	0	-108	-0	-75	-0	212	4.02	4.02	4.02	4.02	2	0.07	0.02	0.27	0.00	0.00	16.8
1P	136	0	171	-0	-75	-0	124	4.02	4.02	4.02	4.02	2	0.04	0.03	0.28	0.00	0.00	16.8
2	136	-0	55	-0	-77	-0	171	4.02	4.02	4.02	4.02	2	0.05	0.02	0.27	0.00	0.00	16.8
7	136	-0	46	-0	-61	-0	130	4.02	4.02	4.02	4.02	2	0.04	0.02	0.21	0.00	0.00	16.8

apost= --      aant= --      ainf= --      asup= --      (e arm. base= 4 X 2.01) staffe= 2 d 8 / 16.8

1A	204	-0	-396	0	-69	-0	108	4.02	4.02	4.02	4.02	2	0.03	0.03	0.31	0.00	0.00	16.8
1B	204	-0	132	0	-69	-0	219	4.02	4.02	4.02	4.02	2	0.07	0.02	0.25	0.00	0.00	16.8
1C	204	-0	-396	-0	-69	-0	108	4.02	4.02	4.02	4.02	2	0.03	0.03	0.31	0.00	0.00	16.8
1D	204	-0	132	-0	-69	-0	219	4.02	4.02	4.02	4.02	2	0.07	0.02	0.25	0.00	0.00	16.8
1E	204	0	-396	0	-69	-0	108	4.02	4.02	4.02	4.02	2	0.03	0.03	0.31	0.00	0.00	16.8
1F	204	0	132	0	-69	-0	219	4.02	4.02	4.02	4.02	2	0.07	0.02	0.25	0.00	0.00	16.8
1G	204	0	-396	-0	-69	-0	108	4.02	4.02	4.02	4.02	2	0.03	0.03	0.31	0.00	0.00	16.8
1H	204	0	132	-0	-69	-0	219	4.02	4.02	4.02	4.02	2	0.07	0.02	0.25	0.00	0.00	16.8
1I	204	-0	-271	0	-75	-0	121	4.02	4.02	4.02	4.02	2	0.04	0.03	0.30	0.00	0.00	16.8
1J	204	-0	8	0	-75	-0	147	4.02	4.02	4.02	4.02	2	0.05	0.02	0.25	0.00	0.00	16.8
1K	204	-0	-271	-0	-75	-0	121	4.02	4.02	4.02	4.02	2	0.04	0.03	0.30	0.00	0.00	16.8
1L	204	-0	8	-0	-75	-0	147	4.02	4.02	4.02	4.02	2	0.05	0.02	0.25	0.00	0.00	16.8
1M	204	0	-271	0	-75	-0	121	4.02	4.02	4.02	4.02	2	0.04	0.03	0.30	0.00	0.00	16.8
1N	204	0	8	0	-75	-0	147	4.02	4.02	4.02	4.02	2	0.05	0.02	0.25	0.00	0.00	16.8
1O	204	0	-271	-0	-75	-0	121	4.02	4.02	4.02	4.02	2	0.04	0.03	0.30	0.00	0.00	16.8
1P	204	0	8	-0	-75	-0	147	4.02	4.02	4.02	4.02	2	0.05	0.02	0.25	0.00	0.00	16.8
2	204	-0	-157	-0	-77	-0	171	4.02	4.02	4.02	4.02	2	0.05	0.03	0.29	0.00	0.00	16.8
7	204	-0	-117	-0	-61	-0	130	4.02	4.02	4.02	4.02	2	0.04	0.02	0.22	0.00	0.00	16.8

apost= --      aant= --      ainf= --      asup= --      (e arm. base= 4 X 2.01) staffe= 2 d 8 / 16.8

1A	272	-0	-559	0	-69	-0	-442	4.02	4.02	4.02	4.02	2	0.14	0.04	0.35	0.00	0.00	16.8
1B	272	-0	-31	0	-69	-0	229	4.02	4.02	4.02	4.02	2	0.07	0.02	0.23	0.00	0.00	16.8
1C	272	-0	-559	-0	-69	0	-442	4.02	4.02	4.02	4.02	2	0.14	0.04	0.35	0.00	0.00	16.8
1D	272	-0	-31	-0	-69	0	229	4.02	4.02	4.02	4.02	2	0.07	0.02	0.23	0.00	0.00	16.8
1E	272	0	-559	0	-69	-0	-442	4.02	4.02	4.02	4.02	2	0.14	0.04	0.35	0.00	0.00	16.8
1F	272	0	-31	0	-69	-0	229	4.02	4.02	4.02	4.02	2	0.07	0.02	0.23	0.00	0.00	16.8
1G	272	0	-559	-0	-69	0	-442	4.02	4.02	4.02	4.02	2	0.14	0.04	0.35	0.00	0.00	16.8
1H	272	0	-31	-0	-69	0	229	4.02	4.02	4.02	4.02	2	0.07	0.02	0.23	0.00	0.00	16.8
1I	272	-0	-434	0	-75	-0	-285	4.02	4.02	4.02	4.02	2	0.09	0.03	0.34	0.00	0.00	16.8
1J	272	-0	-155	0	-75	-0	131	4.02	4.02	4.02	4.02	2	0.04	0.02	0.28	0.00	0.00	16.8
1K	272	-0	-434	-0	-75	0	-285	4.02	4.02	4.02	4.02	2	0.09	0.03	0.34	0.00	0.00	16.8
1L	272	-0	-155	-0	-75	0	131	4.02	4.02	4.02	4.02	2	0.04	0.02	0.28	0.00	0.00	16.8
1M	272	0	-434	0	-75	-0	-285	4.02	4.02	4.02	4.02	2	0.09	0.03	0.34	0.00	0.00	16.8
1N	272	0	-155	0	-75	-0	131	4.02	4.02	4.02	4.02	2	0.04	0.02	0.28	0.00	0.00	16.8
1O	272	0	-434	-0	-75	0	-285	4.02	4.02	4.02	4.02	2	0.09	0.03	0.34	0.00	0.00	16.8
1P	272	0	-155	-0	-75	0	131	4.02	4.02	4.02	4.02	2	0.04	0.02	0.28	0.00	0.00	16.8
2	272	-0	-369	-0	-77	-0	-130	4.02	4.02	4.02	4.02	2	0.04	0.03	0.34	0.00	0.00	16.8
7	272	-0	-280	-0	-61	-0	-95	4.02	4.02	4.02	4.02	2	0.03	0.03	0.26	0.00	0.00	16.8

apost= --      aant= --      ainf= --      asup= --      (e arm. base= 4 X 2.01) staffe= 2 d 8 / 16.8

1A	340	-0	-722	0	-69	-0	-677	4.02	4.02	4.02	4.02	2	0.22	0.04	0.39	0.00	0.00	5.3
1B	340	-0	-194	0	-69	-0	260	4.02	4.02	4.02	4.02	2	0.08	0.02	0.27	0.00	0.00	5.3
1C	340	-0	-722	-0	-69	0	-677	4.02	4.02	4.02	4.02	2	0.22	0.04	0.39	0.00	0.00	5.3
1D	340	-0	-194	-0	-69	0	260	4.02	4.02	4.02	4.02	2	0.08	0.02	0.27	0.00	0.00	5.3
1E	340	0	-722	0	-69	-0	-677	4.02	4.02	4.02	4.02	2	0.22	0.04	0.39	0.00	0.00	5.3
1F	340	0	-194	0	-69	-0	260	4.02	4.02	4.02	4.02	2	0.08	0.02	0.27	0.00	0.00	5.3
1G	340	0	-722	-0	-69	0	-677	4.02	4.02	4.02	4.02	2	0.22	0.04	0.39	0.00	0.00	5.3
1H	340	0	-194	-0	-69	0	260	4.02	4.02	4.02	4.02	2	0.08	0.02	0.27	0.00	0.00	5.3
1I	340	-0	-597	0	-75	-0	-465	4.02	4.02	4.02	4.02	2	0.15	0.04	0.38	0.00	0.00	5.3
1J	340	-0	-319	0	-75	-0	77	4.02	4.02	4.02	4.02	2	0.02	0.03	0.31	0.00	0.00	5.3
1K	340	-0	-597	-0	-75	0	-465	4.02	4.02	4.02	4.02	2	0.15	0.04	0.38	0.00	0.00	5.3
1L	340	-0	-319	-0	-75	0	77	4.02	4.02	4.02	4.02	2	0.02	0.03	0.31	0.00	0.00	5.3
1M	340	0	-597	0	-75	-0	-465	4.02	4.02	4.02	4.02	2	0.15	0.04	0.38	0.00	0.00	5.3
1N	340	0	-319	0	-75	-0	77	4.02	4.02	4.02	4.02	2	0.02	0.03	0.31	0.00	0.00	5.3
1O	340	0	-597	-0	-75	0	-465	4.02	4.02	4.02	4.02	2	0.15	0.04	0.38	0.00	0.00	5.3
1P	340	0	-319	-0	-75	0	77	4.02	4.02	4.02	4.02	2	0.02	0.03	0.31	0.00	0.00	5.3
2	340	-0	-581	-0	-77	0	-279	4.02	4.02	4.02	4.02	2	0.09	0.04	0.38	0.00	0.00	5.3
7	340	-0	-443	-0	-61	0	-208	4.02	4.02	4.02	4.02	2	0.07	0.03	0.30	0.00	0.00	5.3

NC	x	Mmax	AINF	AINF	agg.	ASUP	ASUP	agg.	x/d	Indice di resistenza
	cm	kg*m	cmq	cmq		cmq	cmq			flessione
-----										
1G	0	376	--	--		--	--	--	--	--

Nome travata: **Travi02\_IP1** Descrizione: **Travi 6-7-8-9-10**  
**ASTA NUM. 11** NI 12 NF 13 SEZ. Rp B= 40.0 H= 24.0 (trave)

categoria: p.p. y qy tot.  
qy medio: 2.4000 2.4000 kg/cm

armatura base = 4 X 2.01 per le armature aggiuntive consultare il tabulato

NC	x	Fx	Fy	Fz	Mx	My	Mz	APOST	AANT	AINF	ASUP	campo	Indice	resistenza	aswta	aswto	PASSO	
	---																	
	cm		kg			kg*m							Fx,M	Bielle	V,Mx	cmq/m	cm	
-----																		
1A	0	-0	57	0	-24	0	433	4.02	4.02	4.02	4.02	2	0.14	0.01	0.09	0.00	0.00	5.3
1B	0	-0	763	0	-24	0	-773	4.02	4.02	4.02	4.02	2	0.25	0.03	0.25	0.00	0.00	5.3
1C	0	-0	57	-0	-24	-0	433	4.02	4.02	4.02	4.02	2	0.14	0.01	0.09	0.00	0.00	5.3
1D	0	-0	763	-0	-24	-0	-773	4.02	4.02	4.02	4.02	2	0.25	0.03	0.25	0.00	0.00	5.3
1E	0	0	57	0	-24	0	433	4.02	4.02	4.02	4.02	2	0.14	0.01	0.09	0.00	0.00	5.3
1F	0	0	763	0	-24	0	-773	4.02	4.02	4.02	4.02	2	0.25	0.03	0.25	0.00	0.00	5.3
1G	0	0	57	-0	-24	-0	433	4.02	4.02	4.02	4.02	2	0.14	0.01	0.09	0.00	0.00	5.3
1H	0	0	763	-0	-24	-0	-773	4.02	4.02	4.02	4.02	2	0.25	0.03	0.25	0.00	0.00	5.3
1I	0	-0	257	0	-29	0	146	4.02	4.02	4.02	4.02	2	0.05	0.02	0.15	0.00	0.00	5.3
1J	0	-0	563	0	-29	0	-433	4.02	4.02	4.02	4.02	2	0.14	0.03	0.22	0.00	0.00	5.3
1K	0	-0	257	-0	-29	-0	146	4.02	4.02	4.02	4.02	2	0.05	0.02	0.15	0.00	0.00	5.3
1L	0	-0	563	-0	-29	-0	-433	4.02	4.02	4.02	4.02	2	0.14	0.03	0.22	0.00	0.00	5.3
1M	0	0	257	0	-29	0	146	4.02	4.02	4.02	4.02	2	0.05	0.02	0.15	0.00	0.00	5.3
1N	0	0	563	0	-29	0	-433	4.02	4.02	4.02	4.02	2	0.14	0.03	0.22	0.00	0.00	5.3
1O	0	0	257	-0	-29	-0	146	4.02	4.02	4.02	4.02	2	0.05	0.02	0.15	0.00	0.00	5.3
1P	0	0	563	-0	-29	-0	-433	4.02	4.02	4.02	4.02	2	0.14	0.03	0.22	0.00	0.00	5.3
2	0	-0	538	0	-5	0	-234	4.02	4.02	4.02	4.02	2	0.07	0.02	0.14	0.00	0.00	5.3
7	0	-0	415	0	-4	0	-182	4.02	4.02	4.02	4.02	2	0.06	0.01	0.11	0.00	0.00	5.3

apost= -- aant= -- ainf= -- asup= -- (e arm. base= 4 X 2.01) staffe= 2 d 8 / 5.3

1A	68	-0	-106	0	-24	0	372	4.02	4.02	4.02	4.02	2	0.12	0.01	0.10	0.00	0.00	16.8
1B	68	-0	600	0	-24	0	-513	4.02	4.02	4.02	4.02	2	0.16	0.03	0.21	0.00	0.00	16.8
1C	68	-0	-106	-0	-24	-0	372	4.02	4.02	4.02	4.02	2	0.12	0.01	0.10	0.00	0.00	16.8
1D	68	-0	600	-0	-24	-0	-513	4.02	4.02	4.02	4.02	2	0.16	0.03	0.21	0.00	0.00	16.8
1E	68	0	-106	0	-24	0	372	4.02	4.02	4.02	4.02	2	0.12	0.01	0.10	0.00	0.00	16.8
1F	68	0	600	0	-24	0	-513	4.02	4.02	4.02	4.02	2	0.16	0.03	0.21	0.00	0.00	16.8
1G	68	0	-106	-0	-24	-0	372	4.02	4.02	4.02	4.02	2	0.12	0.01	0.10	0.00	0.00	16.8
1H	68	0	600	-0	-24	-0	-513	4.02	4.02	4.02	4.02	2	0.16	0.03	0.21	0.00	0.00	16.8
1I	68	-0	94	0	-29	0	165	4.02	4.02	4.02	4.02	2	0.05	0.01	0.12	0.00	0.00	16.8
1J	68	-0	399	0	-29	0	-262	4.02	4.02	4.02	4.02	2	0.08	0.02	0.19	0.00	0.00	16.8
1K	68	-0	94	-0	-29	-0	165	4.02	4.02	4.02	4.02	2	0.05	0.01	0.12	0.00	0.00	16.8
1L	68	-0	399	-0	-29	-0	-262	4.02	4.02	4.02	4.02	2	0.08	0.02	0.19	0.00	0.00	16.8
1M	68	0	94	0	-29	0	165	4.02	4.02	4.02	4.02	2	0.05	0.01	0.12	0.00	0.00	16.8
1N	68	0	399	0	-29	0	-262	4.02	4.02	4.02	4.02	2	0.08	0.02	0.19	0.00	0.00	16.8
1O	68	0	94	-0	-29	-0	165	4.02	4.02	4.02	4.02	2	0.05	0.01	0.12	0.00	0.00	16.8
1P	68	0	399	-0	-29	-0	-262	4.02	4.02	4.02	4.02	2	0.08	0.02	0.19	0.00	0.00	16.8
2	68	-0	326	0	-5	-0	-98	4.02	4.02	4.02	4.02	2	0.03	0.01	0.09	0.00	0.00	16.8
7	68	-0	252	0	-4	-0	-77	4.02	4.02	4.02	4.02	2	0.02	0.01	0.07	0.00	0.00	16.8

apost= -- aant= -- ainf= -- asup= -- (e arm. base= 4 X 2.01) staffe= 2 d 8 / 16.8

1A	136	-0	-270	0	-24	-0	282	4.02	4.02	4.02	4.02	2	0.09	0.01	0.13	0.00	0.00	16.8
1B	136	-0	436	0	-24	-0	-122	4.02	4.02	4.02	4.02	2	0.04	0.02	0.18	0.00	0.00	16.8
1C	136	-0	-270	-0	-24	-0	282	4.02	4.02	4.02	4.02	2	0.09	0.01	0.13	0.00	0.00	16.8
1D	136	-0	436	-0	-24	-0	-122	4.02	4.02	4.02	4.02	2	0.04	0.02	0.18	0.00	0.00	16.8
1E	136	0	-270	0	-24	-0	282	4.02	4.02	4.02	4.02	2	0.09	0.01	0.13	0.00	0.00	16.8
1F	136	0	436	0	-24	-0	-122	4.02	4.02	4.02	4.02	2	0.04	0.02	0.18	0.00	0.00	16.8
1G	136	0	-270	-0	-24	-0	282	4.02	4.02	4.02	4.02	2	0.09	0.01	0.13	0.00	0.00	16.8
1H	136	0	436	-0	-24	-0	-122	4.02	4.02	4.02	4.02	2	0.04	0.02	0.18	0.00	0.00	16.8
1I	136	-0	-69	0	-29	-0	168	4.02	4.02	4.02	4.02	2	0.05	0.01	0.11	0.00	0.00	16.8
1J	136	-0	236	0	-29	-0	104	4.02	4.02	4.02	4.02	2	0.03	0.02	0.15	0.00	0.00	16.8
1K	136	-0	-69	-0	-29	-0	168	4.02	4.02	4.02	4.02	2	0.05	0.01	0.11	0.00	0.00	16.8
1L	136	-0	236	-0	-29	-0	104	4.02	4.02	4.02	4.02	2	0.03	0.02	0.15	0.00	0.00	16.8
1M	136	0	-69	0	-29	-0	168	4.02	4.02	4.02	4.02	2	0.05	0.01	0.11	0.00	0.00	16.8
1N	136	0	236	0	-29	-0	104	4.02	4.02	4.02	4.02	2	0.03	0.02	0.15	0.00	0.00	16.8
1O	136	0	-69	-0	-29	-0	168	4.02	4.02	4.02	4.02	2	0.05	0.01	0.11	0.00	0.00	16.8
1P	136	0	236	-0	-29	-0	104	4.02	4.02	4.02	4.02	2	0.03	0.02	0.15	0.00	0.00	16.8
2	136	-0	113	0	-5	-0	133	4.02	4.02	4.02	4.02	2	0.04	0.00	0.04	0.00	0.00	16.8
7	136	-0	88	0	-4	-0	103	4.02	4.02	4.02	4.02	2	0.03	0.00	0.03	0.00	0.00	16.8

apost= -- aant= -- ainf= -- asup= -- (e arm. base= 4 X 2.01) staffe= 2 d 8 / 16.8

1A	204	-0	-433	0	-24	-0	-122	4.02	4.02	4.02	4.02	2	0.04	0.02	0.18	0.00	0.00	16.8
1B	204	-0	273	0	-24	-0	287	4.02	4.02	4.02	4.02	2	0.09	0.02	0.13	0.00	0.00	16.8
1C	204	-0	-433	-0	-24	-0	-122	4.02	4.02	4.02	4.02	2	0.04	0.02	0.18	0.00	0.00	16.8
1D	204	-0	273	-0	-24	-0	287	4.02	4.02	4.02	4.02	2	0.09	0.02	0.13	0.00	0.00	16.8
1E	204	0	-433	0	-24	-0	-122	4.02	4.02	4.02	4.02	2	0.04	0.02	0.18	0.00	0.00	16.8
1F	204	0	273	0	-24	-0	287	4.02	4.02	4.02	4.02	2	0.09	0.02	0.13	0.00	0.00	16.8
1G	204	0	-433	-0	-24	-0	-122	4.02	4.02	4.02	4.02	2	0.04	0.02	0.18	0.00	0.00	16.8
1H	204	0	273	-0	-24	-0	287	4.02	4.02	4.02	4.02	2	0.09	0.02	0.13	0.00	0.00	16.8
1I	204	-0	-233	0	-29	-0	104	4.02	4.02	4.02	4.02	2	0.03	0.02	0.14	0.00	0.00	16.8
1J	204	-0	73	0	-29	-0	171	4.02	4.02	4.02	4.02	2	0.05	0.01	0.11	0.00	0.00	16.8
1K	204	-0	-233	-0	-29	-0	104	4.02	4.02	4.02	4.02	2	0.03	0.02	0.14	0.00	0.00	16.8
1L	204	-0	73	-0	-29	-0	171	4.02	4.02	4.02	4.02	2	0.05	0.01	0.11	0.00	0.00	16.8
1M	204	0	-233	0	-29	-0	104	4.02	4.02	4.02	4.02	2	0.03	0.02	0.14	0.00	0.00	16.8
1N	204	0	73	0	-29	-0	171	4.02	4.02	4.02	4.02	2	0.05	0.01	0.11	0.00	0.00	16.8
1O	204	0	-233	-0	-29	-0	104	4.02	4.02	4.02	4.02	2	0.03	0.02	0.14	0.00	0.00	16.8
1P	204	0	73	-0	-29	-0	171	4.02	4.02	4.02	4.02	2	0.05	0.01	0.11	0.00	0.00	16.8
2	204	-0	-99	0	-5	-0	133	4.02	4.02	4.02	4.02	2	0.04	0.00	0.04	0.00	0.00	16.8
7	204	-0	-75	0	-4	-0	103	4.02	4.02	4.02	4.02	2	0.03	0.00	0.03	0.00	0.00	16.8

apost= --		aant= --		ainf= --		asup= --		(e arm. base= 4 X 2.01) staffe= 2 d 8 / 16.8										
1A	272	-0	-596	0	-24	-0	-511	4.02	4.02	4.02	4.02	2	0.16	0.03	0.21	0.00	0.00	16.8
1B	272	-0	110	0	-24	-0	378	4.02	4.02	4.02	4.02	2	0.12	0.01	0.10	0.00	0.00	16.8
1C	272	-0	-596	-0	-24	0	-511	4.02	4.02	4.02	4.02	2	0.16	0.03	0.21	0.00	0.00	16.8
1D	272	-0	110	-0	-24	0	378	4.02	4.02	4.02	4.02	2	0.12	0.01	0.10	0.00	0.00	16.8
1E	272	0	-596	0	-24	-0	-511	4.02	4.02	4.02	4.02	2	0.16	0.03	0.21	0.00	0.00	16.8
1F	272	0	110	0	-24	-0	378	4.02	4.02	4.02	4.02	2	0.12	0.01	0.10	0.00	0.00	16.8
1G	272	0	-596	-0	-24	0	-511	4.02	4.02	4.02	4.02	2	0.16	0.03	0.21	0.00	0.00	16.8
1H	272	0	110	-0	-24	0	378	4.02	4.02	4.02	4.02	2	0.12	0.01	0.10	0.00	0.00	16.8
1I	272	-0	-396	0	-29	-0	-258	4.02	4.02	4.02	4.02	2	0.08	0.02	0.19	0.00	0.00	16.8
1J	272	-0	-90	0	-29	-0	169	4.02	4.02	4.02	4.02	2	0.05	0.01	0.12	0.00	0.00	16.8
1K	272	-0	-396	-0	-29	0	-258	4.02	4.02	4.02	4.02	2	0.08	0.02	0.19	0.00	0.00	16.8
1L	272	-0	-90	-0	-29	0	169	4.02	4.02	4.02	4.02	2	0.05	0.01	0.12	0.00	0.00	16.8
1M	272	0	-396	0	-29	-0	-258	4.02	4.02	4.02	4.02	2	0.08	0.02	0.19	0.00	0.00	16.8
1N	272	0	-90	0	-29	-0	169	4.02	4.02	4.02	4.02	2	0.05	0.01	0.12	0.00	0.00	16.8
1O	272	0	-396	-0	-29	0	-258	4.02	4.02	4.02	4.02	2	0.08	0.02	0.19	0.00	0.00	16.8
1P	272	0	-90	-0	-29	0	169	4.02	4.02	4.02	4.02	2	0.05	0.01	0.12	0.00	0.00	16.8
2	272	-0	-311	0	-5	-0	-80	4.02	4.02	4.02	4.02	2	0.03	0.01	0.09	0.00	0.00	16.8
7	272	-0	-238	0	-4	-0	-60	4.02	4.02	4.02	4.02	2	0.02	0.01	0.07	0.00	0.00	16.8

apost= --		aant= --		ainf= --		asup= --		(e arm. base= 4 X 2.01) staffe= 2 d 8 / 16.8										
1A	340	-0	-759	0	-24	-0	-770	4.02	4.02	4.02	4.02	2	0.25	0.03	0.25	0.00	0.00	5.3
1B	340	-0	-53	0	-24	-0	433	4.02	4.02	4.02	4.02	2	0.14	0.01	0.09	0.00	0.00	5.3
1C	340	-0	-759	-0	-24	0	-770	4.02	4.02	4.02	4.02	2	0.25	0.03	0.25	0.00	0.00	5.3
1D	340	-0	-53	-0	-24	0	433	4.02	4.02	4.02	4.02	2	0.14	0.01	0.09	0.00	0.00	5.3
1E	340	0	-759	0	-24	-0	-770	4.02	4.02	4.02	4.02	2	0.25	0.03	0.25	0.00	0.00	5.3
1F	340	0	-53	0	-24	-0	433	4.02	4.02	4.02	4.02	2	0.14	0.01	0.09	0.00	0.00	5.3
1G	340	0	-759	-0	-24	0	-770	4.02	4.02	4.02	4.02	2	0.25	0.03	0.25	0.00	0.00	5.3
1H	340	0	-53	-0	-24	0	433	4.02	4.02	4.02	4.02	2	0.14	0.01	0.09	0.00	0.00	5.3
1I	340	-0	-559	0	-29	-0	-428	4.02	4.02	4.02	4.02	2	0.14	0.03	0.22	0.00	0.00	5.3
1J	340	-0	-253	0	-29	-0	151	4.02	4.02	4.02	4.02	2	0.05	0.02	0.15	0.00	0.00	5.3
1K	340	-0	-559	-0	-29	0	-428	4.02	4.02	4.02	4.02	2	0.14	0.03	0.22	0.00	0.00	5.3
1L	340	-0	-253	-0	-29	0	151	4.02	4.02	4.02	4.02	2	0.05	0.02	0.15	0.00	0.00	5.3
1M	340	0	-559	0	-29	-0	-428	4.02	4.02	4.02	4.02	2	0.14	0.03	0.22	0.00	0.00	5.3
1N	340	0	-253	0	-29	-0	151	4.02	4.02	4.02	4.02	2	0.05	0.02	0.15	0.00	0.00	5.3
1O	340	0	-559	-0	-29	0	-428	4.02	4.02	4.02	4.02	2	0.14	0.03	0.22	0.00	0.00	5.3
1P	340	0	-253	-0	-29	0	151	4.02	4.02	4.02	4.02	2	0.05	0.02	0.15	0.00	0.00	5.3
2	340	-0	-523	0	-5	-0	-212	4.02	4.02	4.02	4.02	2	0.07	0.02	0.13	0.00	0.00	5.3
7	340	-0	-401	0	-4	-0	-161	4.02	4.02	4.02	4.02	2	0.05	0.01	0.10	0.00	0.00	5.3

apost= --      aant= --      ainf= --      asup= --      (e arm. base= 4 X 2.01) staffe= 2 d 8 / 5.3

MOMENTO MASSIMO IN CAMPATA

NC	x	Mmax	Mmax	AINF	AINF	agg.	ASUP	ASUP	agg.	x/d	Indice di resistenza	
	cm		kg*m	cmq	cmq		cmq	cmq			flessione	
1B	340		433	--		--	--	--	--	--	--	--

Nome travata: **Travi02\_IP1**    Descrizione: **Travi 6-7-8-9-10**  
**ASTA NUM. 12**    NI 13    NF 14    SEZ. Rp B= 40.0 H= 24.0 (trave)

categoria: p.p. y qy tot.  
qy medio: 2.4000 2.4000 kg/cm

armatura base = 4 X 2.01      per le armature aggiuntive consultare il tabulato

NC	x	Fx	Fy	Fz	Mx	My	Mz	APOST	AANT	AINF	ASUP	campo	Indice	resistenza	aswta	aswto	PASSO	
	cm	kg			kg*m			cmq				Fx,M	Bielle	V,Mx	cmq/m	cm		
1A	0	-0	53	0	24	0	433	4.02	4.02	4.02	4.02	2	0.14	0.01	0.09	0.00	0.00	5.3
1B	0	-0	759	0	24	0	-770	4.02	4.02	4.02	4.02	2	0.25	0.03	0.25	0.00	0.00	5.3
1C	0	-0	53	-0	24	-0	433	4.02	4.02	4.02	4.02	2	0.14	0.01	0.09	0.00	0.00	5.3
1D	0	-0	759	-0	24	-0	-770	4.02	4.02	4.02	4.02	2	0.25	0.03	0.25	0.00	0.00	5.3
1E	0	0	53	0	24	0	433	4.02	4.02	4.02	4.02	2	0.14	0.01	0.09	0.00	0.00	5.3
1F	0	0	759	0	24	0	-770	4.02	4.02	4.02	4.02	2	0.25	0.03	0.25	0.00	0.00	5.3
1G	0	0	53	-0	24	-0	433	4.02	4.02	4.02	4.02	2	0.14	0.01	0.09	0.00	0.00	5.3
1H	0	0	759	-0	24	-0	-770	4.02	4.02	4.02	4.02	2	0.25	0.03	0.25	0.00	0.00	5.3
1I	0	-0	253	0	29	0	151	4.02	4.02	4.02	4.02	2	0.05	0.02	0.15	0.00	0.00	5.3
1J	0	-0	559	0	29	0	-428	4.02	4.02	4.02	4.02	2	0.14	0.03	0.22	0.00	0.00	5.3
1K	0	-0	253	-0	29	-0	151	4.02	4.02	4.02	4.02	2	0.05	0.02	0.15	0.00	0.00	5.3
1L	0	-0	559	-0	29	-0	-428	4.02	4.02	4.02	4.02	2	0.14	0.03	0.22	0.00	0.00	5.3
1M	0	0	253	0	29	0	151	4.02	4.02	4.02	4.02	2	0.05	0.02	0.15	0.00	0.00	5.3
1N	0	0	559	0	29	0	-428	4.02	4.02	4.02	4.02	2	0.14	0.03	0.22	0.00	0.00	5.3
1O	0	0	253	-0	29	-0	151	4.02	4.02	4.02	4.02	2	0.05	0.02	0.15	0.00	0.00	5.3
1P	0	0	559	-0	29	-0	-428	4.02	4.02	4.02	4.02	2	0.14	0.03	0.22	0.00	0.00	5.3
2	0	-0	523	-0	5	-0	-212	4.02	4.02	4.02	4.02	2	0.07	0.02	0.13	0.00	0.00	5.3
7	0	-0	401	-0	4	-0	-161	4.02	4.02	4.02	4.02	2	0.05	0.01	0.10	0.00	0.00	5.3

apost= --		aant= --		ainf= --		asup= --		(e arm. base= 4 X 2.01) staffe= 2 d 8 / 5.3										
1A	68	-0	-110	0	24	0	378	4.02	4.02	4.02	4.02	2	0.12	0.01	0.10	0.00	0.00	16.8
1B	68	-0	596	0	24	0	-511	4.02	4.02	4.02	4.02	2	0.16	0.03	0.21	0.00	0.00	16.8
1C	68	-0	-110	-0	24	-0	378	4.02	4.02	4.02	4.02	2	0.12	0.01	0.10	0.00	0.00	16.8
1D	68	-0	596	-0	24	-0	-511	4.02	4.02	4.02	4.02	2	0.16	0.03	0.21	0.00	0.00	16.8
1E	68	0	-110	0	24	0	378	4.02	4.02	4.02	4.02	2	0.12	0.01	0.10	0.00	0.00	16.8
1F	68	0	596	0	24	0	-511	4.02	4.02	4.02	4.02	2	0.16	0.03	0.21	0.00	0.00	16.8
1G	68	0	-110	-0	24	-0	378	4.02	4.02	4.02	4.02	2	0.12	0.01	0.10	0.00	0.00	16.8
1H	68	0	596	-0	24	-0	-511	4.02	4.02	4.02	4.02	2	0.16	0.03	0.21	0.00	0.00	16.8
1I	68	-0	90	0	29	0	169	4.02	4.02	4.02	4.02	2	0.05	0.01	0.12	0.00	0.00	16.8
1J	68	-0	396	0	29	0	-258	4.02	4.02	4.02	4.02	2	0.08	0.02	0.19	0.00	0.00	16.8
1K	68	-0	90	-0	29	-0	169	4.02	4.02	4.02	4.02	2	0.05	0.01	0.12	0.00	0.00	16.8
1L	68	-0	396	-0	29	-0	-258	4.02	4.02	4.02	4.02	2	0.08	0.02	0.19	0.00	0.00	16.8

1M	68	0	90	0	29	0	169	4.02	4.02	4.02	4.02	2	0.05	0.01	0.12	0.00	0.00	16.8
1N	68	0	396	0	29	0	-258	4.02	4.02	4.02	4.02	2	0.08	0.02	0.19	0.00	0.00	16.8
1O	68	0	90	-0	29	-0	169	4.02	4.02	4.02	4.02	2	0.05	0.01	0.12	0.00	0.00	16.8
1P	68	0	396	-0	29	-0	-258	4.02	4.02	4.02	4.02	2	0.08	0.02	0.19	0.00	0.00	16.8
2	68	-0	311	-0	5	-0	-80	4.02	4.02	4.02	4.02	2	0.03	0.01	0.09	0.00	0.00	16.8
7	68	-0	238	-0	4	-0	-60	4.02	4.02	4.02	4.02	2	0.02	0.01	0.07	0.00	0.00	16.8

apost= --      aant= --      ainf= --      asup= --      (e arm. base= 4 X 2.01) staffe= 2 d 8 / 16.8

1A	136	-0	-273	0	24	-0	287	4.02	4.02	4.02	4.02	2	0.09	0.02	0.13	0.00	0.00	16.8
1B	136	-0	433	0	24	-0	-122	4.02	4.02	4.02	4.02	2	0.04	0.02	0.18	0.00	0.00	16.8
1C	136	-0	-273	-0	24	-0	287	4.02	4.02	4.02	4.02	2	0.09	0.02	0.13	0.00	0.00	16.8
1D	136	-0	433	-0	24	-0	-122	4.02	4.02	4.02	4.02	2	0.04	0.02	0.18	0.00	0.00	16.8
1E	136	0	-273	0	24	-0	287	4.02	4.02	4.02	4.02	2	0.09	0.02	0.13	0.00	0.00	16.8
1F	136	0	433	0	24	-0	-122	4.02	4.02	4.02	4.02	2	0.04	0.02	0.18	0.00	0.00	16.8
1G	136	0	-273	-0	24	-0	287	4.02	4.02	4.02	4.02	2	0.09	0.02	0.13	0.00	0.00	16.8
1H	136	0	433	-0	24	-0	-122	4.02	4.02	4.02	4.02	2	0.04	0.02	0.18	0.00	0.00	16.8
1I	136	-0	-73	0	29	-0	171	4.02	4.02	4.02	4.02	2	0.05	0.01	0.11	0.00	0.00	16.8
1J	136	-0	233	0	29	-0	104	4.02	4.02	4.02	4.02	2	0.03	0.02	0.14	0.00	0.00	16.8
1K	136	-0	-73	-0	29	-0	171	4.02	4.02	4.02	4.02	2	0.05	0.01	0.11	0.00	0.00	16.8
1L	136	-0	233	-0	29	-0	104	4.02	4.02	4.02	4.02	2	0.03	0.02	0.14	0.00	0.00	16.8
1M	136	0	-73	0	29	-0	171	4.02	4.02	4.02	4.02	2	0.05	0.01	0.11	0.00	0.00	16.8
1N	136	0	233	0	29	-0	104	4.02	4.02	4.02	4.02	2	0.03	0.02	0.14	0.00	0.00	16.8
1O	136	0	-73	-0	29	-0	171	4.02	4.02	4.02	4.02	2	0.05	0.01	0.11	0.00	0.00	16.8
1P	136	0	233	-0	29	-0	104	4.02	4.02	4.02	4.02	2	0.03	0.02	0.14	0.00	0.00	16.8
2	136	-0	99	-0	5	-0	133	4.02	4.02	4.02	4.02	2	0.04	0.00	0.04	0.00	0.00	16.8
7	136	-0	75	-0	4	-0	103	4.02	4.02	4.02	4.02	2	0.03	0.00	0.03	0.00	0.00	16.8

apost= --      aant= --      ainf= --      asup= --      (e arm. base= 4 X 2.01) staffe= 2 d 8 / 16.8

1A	204	-0	-436	0	24	-0	-122	4.02	4.02	4.02	4.02	2	0.04	0.02	0.18	0.00	0.00	16.8
1B	204	-0	270	0	24	-0	282	4.02	4.02	4.02	4.02	2	0.09	0.01	0.13	0.00	0.00	16.8
1C	204	-0	-436	-0	24	-0	-122	4.02	4.02	4.02	4.02	2	0.04	0.02	0.18	0.00	0.00	16.8
1D	204	-0	270	-0	24	-0	282	4.02	4.02	4.02	4.02	2	0.09	0.01	0.13	0.00	0.00	16.8
1E	204	0	-436	0	24	-0	-122	4.02	4.02	4.02	4.02	2	0.04	0.02	0.18	0.00	0.00	16.8
1F	204	0	270	0	24	-0	282	4.02	4.02	4.02	4.02	2	0.09	0.01	0.13	0.00	0.00	16.8
1G	204	0	-436	-0	24	-0	-122	4.02	4.02	4.02	4.02	2	0.04	0.02	0.18	0.00	0.00	16.8
1H	204	0	270	-0	24	-0	282	4.02	4.02	4.02	4.02	2	0.09	0.01	0.13	0.00	0.00	16.8
1I	204	-0	-236	0	29	-0	104	4.02	4.02	4.02	4.02	2	0.03	0.02	0.15	0.00	0.00	16.8
1J	204	-0	69	0	29	-0	168	4.02	4.02	4.02	4.02	2	0.05	0.01	0.11	0.00	0.00	16.8
1K	204	-0	-236	-0	29	-0	104	4.02	4.02	4.02	4.02	2	0.03	0.02	0.15	0.00	0.00	16.8
1L	204	-0	69	-0	29	-0	168	4.02	4.02	4.02	4.02	2	0.05	0.01	0.11	0.00	0.00	16.8
1M	204	0	-236	0	29	-0	104	4.02	4.02	4.02	4.02	2	0.03	0.02	0.15	0.00	0.00	16.8
1N	204	0	69	0	29	-0	168	4.02	4.02	4.02	4.02	2	0.05	0.01	0.11	0.00	0.00	16.8
1O	204	0	-236	-0	29	-0	104	4.02	4.02	4.02	4.02	2	0.03	0.02	0.15	0.00	0.00	16.8
1P	204	0	69	-0	29	-0	168	4.02	4.02	4.02	4.02	2	0.05	0.01	0.11	0.00	0.00	16.8
2	204	-0	-113	-0	5	-0	133	4.02	4.02	4.02	4.02	2	0.04	0.00	0.04	0.00	0.00	16.8
7	204	-0	-88	-0	4	-0	103	4.02	4.02	4.02	4.02	2	0.03	0.00	0.03	0.00	0.00	16.8

apost= --      aant= --      ainf= --      asup= --      (e arm. base= 4 X 2.01) staffe= 2 d 8 / 16.8

1A	272	-0	-600	0	24	-0	-513	4.02	4.02	4.02	4.02	2	0.16	0.03	0.21	0.00	0.00	16.8
1B	272	-0	106	0	24	-0	372	4.02	4.02	4.02	4.02	2	0.12	0.01	0.10	0.00	0.00	16.8
1C	272	-0	-600	-0	24	0	-513	4.02	4.02	4.02	4.02	2	0.16	0.03	0.21	0.00	0.00	16.8
1D	272	-0	106	-0	24	0	372	4.02	4.02	4.02	4.02	2	0.12	0.01	0.10	0.00	0.00	16.8
1E	272	0	-600	0	24	-0	-513	4.02	4.02	4.02	4.02	2	0.16	0.03	0.21	0.00	0.00	16.8
1F	272	0	106	0	24	-0	372	4.02	4.02	4.02	4.02	2	0.12	0.01	0.10	0.00	0.00	16.8
1G	272	0	-600	-0	24	0	-513	4.02	4.02	4.02	4.02	2	0.16	0.03	0.21	0.00	0.00	16.8
1H	272	0	106	-0	24	0	372	4.02	4.02	4.02	4.02	2	0.12	0.01	0.10	0.00	0.00	16.8
1I	272	-0	-399	0	29	-0	-262	4.02	4.02	4.02	4.02	2	0.08	0.02	0.19	0.00	0.00	16.8
1J	272	-0	-94	0	29	-0	165	4.02	4.02	4.02	4.02	2	0.05	0.01	0.12	0.00	0.00	16.8
1K	272	-0	-399	-0	29	0	-262	4.02	4.02	4.02	4.02	2	0.08	0.02	0.19	0.00	0.00	16.8
1L	272	-0	-94	-0	29	0	165	4.02	4.02	4.02	4.02	2	0.05	0.01	0.12	0.00	0.00	16.8
1M	272	0	-399	0	29	-0	-262	4.02	4.02	4.02	4.02	2	0.08	0.02	0.19	0.00	0.00	16.8
1N	272	0	-94	0	29	-0	165	4.02	4.02	4.02	4.02	2	0.05	0.01	0.12	0.00	0.00	16.8
1O	272	0	-399	-0	29	0	-262	4.02	4.02	4.02	4.02	2	0.08	0.02	0.19	0.00	0.00	16.8
1P	272	0	-94	-0	29	0	165	4.02	4.02	4.02	4.02	2	0.05	0.01	0.12	0.00	0.00	16.8
2	272	-0	-326	-0	5	-0	-98	4.02	4.02	4.02	4.02	2	0.03	0.01	0.09	0.00	0.00	16.8
7	272	-0	-252	-0	4	-0	-77	4.02	4.02	4.02	4.02	2	0.02	0.01	0.07	0.00	0.00	16.8

apost= --      aant= --      ainf= --      asup= --      (e arm. base= 4 X 2.01) staffe= 2 d 8 / 16.8

1A	340	-0	-763	0	24	-0	-773	4.02	4.02	4.02	4.02	2	0.25	0.03	0.25	0.00	0.00	5.3
1B	340	-0	-57	0	24	-0	433	4.02	4.02	4.02	4.02	2	0.14	0.01	0.09	0.00	0.00	5.3
1C	340	-0	-763	-0	24	0	-773	4.02	4.02	4.02	4.02	2	0.25	0.03	0.25	0.00	0.00	5.3
1D	340	-0	-57	-0	24	0	433	4.02	4.02	4.02	4.02	2	0.14	0.01	0.09	0.00	0.00	5.3
1E	340	0	-763	0	24	-0	-773	4.02	4.02	4.02	4.02	2	0.25	0.03	0.25	0.00	0.00	5.3
1F	340	0	-57	0	24	-0	433	4.02	4.02	4.02	4.02	2	0.14	0.01	0.09	0.00	0.00	5.3
1G	340	0	-763	-0	24	0	-773	4.02	4.02	4.02	4.02	2	0.25	0.03	0.25	0.00	0.00	5.3
1H	340	0	-57	-0	24	0	433	4.02	4.02	4.02	4.02	2	0.14	0.01	0.09	0.00	0.00	5.3
1I	340	-0	-563	0	29	-0	-433	4.02	4.02	4.02	4.02	2	0.14	0.03	0.22	0.00	0.00	5.3
1J	340	-0	-257	0	29	-0	146	4.02	4.02	4.02	4.02	2	0.05	0.02	0.15	0.00	0.00	5.3
1K	340	-0	-563	-0	29	0	-433	4.02	4.02	4.02	4.02	2	0.14	0.03	0.22	0.00	0.00	5.3
1L	340	-0	-257	-0	29	0	146	4.02	4.02	4.02	4.02	2	0.05	0.02	0.15	0.00	0.00	5.3
1M	340	0	-563	0	29	-0	-433	4.02	4.02	4.02	4.02	2	0.14	0.03	0.22	0.00	0.00	5.3
1N	340	0	-257	0	29	-0	146	4.02	4.02	4.02	4.02	2	0.05	0.02	0.15	0.00	0.00	5.3
1O	340	0	-563	-0	29	0	-433	4.02	4.02	4.02	4.02	2	0.14	0.03	0.22	0.00	0.00	5.3
1P	340	0	-257	-0	29	0	146	4.02	4.02	4.02	4.02	2	0.05	0.02	0.15	0.00	0.00	5.3
2	340	-0	-538	-0	5	0	-234	4.02	4.02	4.02	4.02	2	0.07	0.02	0.14	0.00	0.00	5.3
7	340	-0	-415	-0	4	0	-182	4.02	4.02	4.02	4.02	2	0.06	0.01	0.11	0.00	0.00	5.3

Nome travata: **Travi02\_IP1** Descrizione: **Travi 6-7-8-9-10**  
**ASTA NUM. 13** NI 14 NF 15 SEZ. Rp B= 40.0 H= 24.0 (trave)

categoria: p.p. y qy tot.  
qy medio: 2.4000 2.4000 kg/cm

armatura base = 4 X 2.01 per le armature aggiuntive consultare il tabulato

NC	x	Fx	Fy	Fz	Mx	My	Mz	APOST	AANT	AINF	ASUP	campo	Indice	resistenza	aswta	aswto	PASSO	
--																		
	cm		kg			kg*m							Fx,M	Bielle	V,Mx	cmq/m	cm	
1A	0	-0	194	0	69	0	260	4.02	4.02	4.02	4.02	2	0.08	0.02	0.27	0.00	0.00	5.3
1B	0	-0	722	0	69	0	-677	4.02	4.02	4.02	4.02	2	0.22	0.04	0.39	0.00	0.00	5.3
1C	0	-0	194	-0	69	-0	260	4.02	4.02	4.02	4.02	2	0.08	0.02	0.27	0.00	0.00	5.3
1D	0	-0	722	-0	69	-0	-677	4.02	4.02	4.02	4.02	2	0.22	0.04	0.39	0.00	0.00	5.3
1E	0	0	194	0	69	0	260	4.02	4.02	4.02	4.02	2	0.08	0.02	0.27	0.00	0.00	5.3
1F	0	0	722	0	69	0	-677	4.02	4.02	4.02	4.02	2	0.22	0.04	0.39	0.00	0.00	5.3
1G	0	0	194	-0	69	-0	260	4.02	4.02	4.02	4.02	2	0.08	0.02	0.27	0.00	0.00	5.3
1H	0	0	722	-0	69	-0	-677	4.02	4.02	4.02	4.02	2	0.22	0.04	0.39	0.00	0.00	5.3
1I	0	-0	319	0	75	0	77	4.02	4.02	4.02	4.02	2	0.02	0.03	0.31	0.00	0.00	5.3
1J	0	-0	597	0	75	0	-465	4.02	4.02	4.02	4.02	2	0.15	0.04	0.38	0.00	0.00	5.3
1K	0	-0	319	-0	75	-0	77	4.02	4.02	4.02	4.02	2	0.02	0.03	0.31	0.00	0.00	5.3
1L	0	-0	597	-0	75	-0	-465	4.02	4.02	4.02	4.02	2	0.15	0.04	0.38	0.00	0.00	5.3
1M	0	0	319	0	75	0	77	4.02	4.02	4.02	4.02	2	0.02	0.03	0.31	0.00	0.00	5.3
1N	0	0	597	0	75	0	-465	4.02	4.02	4.02	4.02	2	0.15	0.04	0.38	0.00	0.00	5.3
1O	0	0	319	-0	75	-0	77	4.02	4.02	4.02	4.02	2	0.02	0.03	0.31	0.00	0.00	5.3
1P	0	0	597	-0	75	-0	-465	4.02	4.02	4.02	4.02	2	0.15	0.04	0.38	0.00	0.00	5.3
2	0	-0	581	0	77	0	-279	4.02	4.02	4.02	4.02	2	0.09	0.04	0.38	0.00	0.00	5.3
7	0	-0	443	0	61	0	-208	4.02	4.02	4.02	4.02	2	0.07	0.03	0.30	0.00	0.00	5.3
apost= --      aant= --      ainf= --      asup= --      (e arm. base= 4 X 2.01) staffe= 2 d 8 / 5.3																		
1A	68	-0	31	0	69	0	229	4.02	4.02	4.02	4.02	2	0.07	0.02	0.23	0.00	0.00	16.8
1B	68	-0	559	0	69	0	-442	4.02	4.02	4.02	4.02	2	0.14	0.04	0.35	0.00	0.00	16.8
1C	68	-0	31	-0	69	-0	229	4.02	4.02	4.02	4.02	2	0.07	0.02	0.23	0.00	0.00	16.8
1D	68	-0	559	-0	69	-0	-442	4.02	4.02	4.02	4.02	2	0.14	0.04	0.35	0.00	0.00	16.8
1E	68	0	31	0	69	0	229	4.02	4.02	4.02	4.02	2	0.07	0.02	0.23	0.00	0.00	16.8
1F	68	0	559	0	69	0	-442	4.02	4.02	4.02	4.02	2	0.14	0.04	0.35	0.00	0.00	16.8
1G	68	0	31	-0	69	-0	229	4.02	4.02	4.02	4.02	2	0.07	0.02	0.23	0.00	0.00	16.8
1H	68	0	559	-0	69	-0	-442	4.02	4.02	4.02	4.02	2	0.14	0.04	0.35	0.00	0.00	16.8
1I	68	-0	155	0	75	0	131	4.02	4.02	4.02	4.02	2	0.04	0.02	0.28	0.00	0.00	16.8
1J	68	-0	434	0	75	0	-285	4.02	4.02	4.02	4.02	2	0.09	0.03	0.34	0.00	0.00	16.8
1K	68	-0	155	-0	75	-0	131	4.02	4.02	4.02	4.02	2	0.04	0.02	0.28	0.00	0.00	16.8
1L	68	-0	434	-0	75	-0	-285	4.02	4.02	4.02	4.02	2	0.09	0.03	0.34	0.00	0.00	16.8
1M	68	0	155	0	75	0	131	4.02	4.02	4.02	4.02	2	0.04	0.02	0.28	0.00	0.00	16.8
1N	68	0	434	0	75	0	-285	4.02	4.02	4.02	4.02	2	0.09	0.03	0.34	0.00	0.00	16.8
1O	68	0	155	-0	75	-0	131	4.02	4.02	4.02	4.02	2	0.04	0.02	0.28	0.00	0.00	16.8
1P	68	0	434	-0	75	-0	-285	4.02	4.02	4.02	4.02	2	0.09	0.03	0.34	0.00	0.00	16.8
2	68	-0	369	0	77	-0	-130	4.02	4.02	4.02	4.02	2	0.04	0.03	0.34	0.00	0.00	16.8
7	68	-0	280	0	61	-0	-95	4.02	4.02	4.02	4.02	2	0.03	0.03	0.26	0.00	0.00	16.8
apost= --      aant= --      ainf= --      asup= --      (e arm. base= 4 X 2.01) staffe= 2 d 8 / 16.8																		
1A	136	-0	-132	0	69	-0	219	4.02	4.02	4.02	4.02	2	0.07	0.02	0.25	0.00	0.00	16.8
1B	136	-0	396	0	69	-0	108	4.02	4.02	4.02	4.02	2	0.03	0.03	0.31	0.00	0.00	16.8
1C	136	-0	-132	-0	69	-0	219	4.02	4.02	4.02	4.02	2	0.07	0.02	0.25	0.00	0.00	16.8
1D	136	-0	396	-0	69	-0	108	4.02	4.02	4.02	4.02	2	0.03	0.03	0.31	0.00	0.00	16.8
1E	136	0	-132	0	69	-0	219	4.02	4.02	4.02	4.02	2	0.07	0.02	0.25	0.00	0.00	16.8
1F	136	0	396	0	69	-0	108	4.02	4.02	4.02	4.02	2	0.03	0.03	0.31	0.00	0.00	16.8
1G	136	0	-132	-0	69	-0	219	4.02	4.02	4.02	4.02	2	0.07	0.02	0.25	0.00	0.00	16.8
1H	136	0	396	-0	69	-0	108	4.02	4.02	4.02	4.02	2	0.03	0.03	0.31	0.00	0.00	16.8
1I	136	-0	-8	0	75	-0	147	4.02	4.02	4.02	4.02	2	0.05	0.02	0.25	0.00	0.00	16.8
1J	136	-0	271	0	75	-0	121	4.02	4.02	4.02	4.02	2	0.04	0.03	0.30	0.00	0.00	16.8
1K	136	-0	-8	-0	75	-0	147	4.02	4.02	4.02	4.02	2	0.05	0.02	0.25	0.00	0.00	16.8
1L	136	-0	271	-0	75	-0	121	4.02	4.02	4.02	4.02	2	0.04	0.03	0.30	0.00	0.00	16.8
1M	136	0	-8	0	75	-0	147	4.02	4.02	4.02	4.02	2	0.05	0.02	0.25	0.00	0.00	16.8
1N	136	0	271	0	75	-0	121	4.02	4.02	4.02	4.02	2	0.04	0.03	0.30	0.00	0.00	16.8
1O	136	0	-8	-0	75	-0	147	4.02	4.02	4.02	4.02	2	0.05	0.02	0.25	0.00	0.00	16.8
1P	136	0	271	-0	75	-0	121	4.02	4.02	4.02	4.02	2	0.04	0.03	0.30	0.00	0.00	16.8
2	136	-0	157	0	77	-0	171	4.02	4.02	4.02	4.02	2	0.05	0.03	0.29	0.00	0.00	16.8
7	136	-0	117	0	61	-0	130	4.02	4.02	4.02	4.02	2	0.04	0.02	0.22	0.00	0.00	16.8
apost= --      aant= --      ainf= --      asup= --      (e arm. base= 4 X 2.01) staffe= 2 d 8 / 16.8																		
1A	204	-0	-296	0	69	-0	112	4.02	4.02	4.02	4.02	2	0.04	0.03	0.29	0.00	0.00	16.8
1B	204	-0	232	0	69	-0	283	4.02	4.02	4.02	4.02	2	0.09	0.03	0.27	0.00	0.00	16.8
1C	204	-0	-296	-0	69	-0	112	4.02	4.02	4.02	4.02	2	0.04	0.03	0.29	0.00	0.00	16.8
1D	204	-0	232	-0	69	-0	283	4.02	4.02	4.02	4.02	2	0.09	0.03	0.27	0.00	0.00	16.8
1E	204	0	-296	0	69	-0	112	4.02	4.02	4.02	4.02	2	0.04	0.03	0.29	0.00	0.00	16.8
1F	204	0	232	0	69	-0	283	4.02	4.02	4.02	4.02	2	0.09	0.03	0.27	0.00	0.00	16.8
1G	204	0	-296	-0	69	-0	112	4.02	4.02	4.02	4.02	2	0.04	0.03	0.29	0.00	0.00	16.8
1H	204	0	232	-0	69	-0	283	4.02	4.02	4.02	4.02	2	0.09	0.03	0.27	0.00	0.00	16.8
1I	204	-0	-171	0	75													

1D	272	-0	69	-0	69	0	347	4.02	4.02	4.02	4.02	2	0.11	0.02	0.24	0.00	0.00	16.8
1E	272	0	-459	0	69	-0	-323	4.02	4.02	4.02	4.02	2	0.10	0.03	0.33	0.00	0.00	16.8
1F	272	0	69	0	69	-0	347	4.02	4.02	4.02	4.02	2	0.11	0.02	0.24	0.00	0.00	16.8
1G	272	0	-459	-0	69	0	-323	4.02	4.02	4.02	4.02	2	0.10	0.03	0.33	0.00	0.00	16.8
1H	272	0	69	-0	69	0	347	4.02	4.02	4.02	4.02	2	0.11	0.02	0.24	0.00	0.00	16.8
1I	272	-0	-334	0	75	-0	-167	4.02	4.02	4.02	4.02	2	0.05	0.03	0.32	0.00	0.00	16.8
1J	272	-0	-55	0	75	-0	217	4.02	4.02	4.02	4.02	2	0.07	0.02	0.26	0.00	0.00	16.8
1K	272	-0	-334	-0	75	-0	-167	4.02	4.02	4.02	4.02	2	0.05	0.03	0.32	0.00	0.00	16.8
1L	272	-0	-55	-0	75	-0	217	4.02	4.02	4.02	4.02	2	0.07	0.02	0.26	0.00	0.00	16.8
1M	272	0	-334	0	75	-0	-167	4.02	4.02	4.02	4.02	2	0.05	0.03	0.32	0.00	0.00	16.8
1N	272	0	-55	0	75	-0	217	4.02	4.02	4.02	4.02	2	0.07	0.02	0.26	0.00	0.00	16.8
1O	272	0	-334	-0	75	-0	-167	4.02	4.02	4.02	4.02	2	0.05	0.03	0.32	0.00	0.00	16.8
1P	272	0	-55	-0	75	-0	217	4.02	4.02	4.02	4.02	2	0.07	0.02	0.26	0.00	0.00	16.8
2	272	-0	-267	0	77	-0	124	4.02	4.02	4.02	4.02	2	0.04	0.03	0.31	0.00	0.00	16.8
7	272	-0	-210	0	61	-0	92	4.02	4.02	4.02	4.02	2	0.03	0.02	0.24	0.00	0.00	16.8

apost= --      aant= --      ainf= --      asup= --      (e arm. base= 4 X 2.01) staffe= 2 d 8 / 16.8

1A	340	-0	-622	0	69	-0	-528	4.02	4.02	4.02	4.02	2	0.17	0.04	0.37	0.00	0.00	5.3
1B	340	-0	-94	0	69	-0	376	4.02	4.02	4.02	4.02	2	0.12	0.02	0.25	0.00	0.00	5.3
1C	340	-0	-622	-0	69	0	-528	4.02	4.02	4.02	4.02	2	0.17	0.04	0.37	0.00	0.00	5.3
1D	340	-0	-94	-0	69	0	376	4.02	4.02	4.02	4.02	2	0.12	0.02	0.25	0.00	0.00	5.3
1E	340	0	-622	0	69	-0	-528	4.02	4.02	4.02	4.02	2	0.17	0.04	0.37	0.00	0.00	5.3
1F	340	0	-94	0	69	-0	376	4.02	4.02	4.02	4.02	2	0.12	0.02	0.25	0.00	0.00	5.3
1G	340	0	-622	-0	69	0	-528	4.02	4.02	4.02	4.02	2	0.17	0.04	0.37	0.00	0.00	5.3
1H	340	0	-94	-0	69	0	376	4.02	4.02	4.02	4.02	2	0.12	0.02	0.25	0.00	0.00	5.3
1I	340	-0	-497	0	75	-0	-317	4.02	4.02	4.02	4.02	2	0.10	0.04	0.36	0.00	0.00	5.3
1J	340	-0	-219	0	75	-0	216	4.02	4.02	4.02	4.02	2	0.07	0.03	0.29	0.00	0.00	5.3
1K	340	-0	-497	-0	75	0	-317	4.02	4.02	4.02	4.02	2	0.10	0.04	0.36	0.00	0.00	5.3
1L	340	-0	-219	-0	75	0	216	4.02	4.02	4.02	4.02	2	0.07	0.03	0.29	0.00	0.00	5.3
1M	340	0	-497	0	75	-0	-317	4.02	4.02	4.02	4.02	2	0.10	0.04	0.36	0.00	0.00	5.3
1N	340	0	-219	0	75	-0	216	4.02	4.02	4.02	4.02	2	0.07	0.03	0.29	0.00	0.00	5.3
1O	340	0	-497	-0	75	0	-317	4.02	4.02	4.02	4.02	2	0.10	0.04	0.36	0.00	0.00	5.3
1P	340	0	-219	-0	75	0	216	4.02	4.02	4.02	4.02	2	0.07	0.03	0.29	0.00	0.00	5.3
2	340	-0	-479	0	77	-0	-121	4.02	4.02	4.02	4.02	2	0.04	0.04	0.36	0.00	0.00	5.3
7	340	-0	-373	0	61	-0	-99	4.02	4.02	4.02	4.02	2	0.03	0.03	0.28	0.00	0.00	5.3

apost= --      aant= --      ainf= --      asup= --      (e arm. base= 4 X 2.01) staffe= 2 d 8 / 5.3

MOMENTO MASSIMO IN CAMPATA

NC	x	Mmax	Mmax	AINF	AINF	agg.	ASUP	ASUP	agg.	x/d	Indice di resistenza
	cm		kg*m								flessione
1H	340	376	--	--	--	--	--	--	--	--	--

L E G E N D A

Prima asta	Ultima asta	Nome disegno	Descrizione disegno
1	1	Travi03_IP1.ARM	Travi 1-6
2	2	Travi04_IP1.ARM	Travi 2-7
3	3	Travi05_IP1.ARM	Travi 3-8
4	4	Travi06_IP1.ARM	Travi 4-9
5	5	Travi07_IP1.ARM	Travi 5-10
6	9	Travi01_IP1.ARM	Travi 1-2-3-4-5
10	13	Travi02_IP1.ARM	Travi 6-7-8-9-10

Lavoro: **Strutturale**    Intestazione lavoro: **Strutturale SLV**  
Elemento: **TRAVE**      Gruppo: **2**      Tabella: **Tabella travi**  
Descrizione: **Travi**  
Spunt. I **30.0** cm      Spunt. J **30.0** cm  
Rck: **350.00** kg/cm<sup>2</sup>    fyk: **4580.0** kg/cm<sup>2</sup>    Condizioni ambientali: **Ordinaria**  
Copriferro superiore: **3.0** cm    Copriferro inferiore: **3.0** cm    Copriferro laterale: **3.0** cm  
Diametro staffe: **8** mm    Numero braccia: **2**

Nome travata: **Travi03\_IP1**    Descrizione: **Travi 1-6**  
**ASTA NUM. 1**    NI 20    NF 11    SEZ. Rp B= 60.0    H= 24.0    (trave)

categoria: p.p. y Permanente    Neve    qy tot.  
qy medio: 3.6000    8.9250    1.7000 14.2250    kg/cm

armatura base = 4 X 2.01      per le armature aggiuntive consultare il tabulato

NC	x	[Fx]	[Fy]	[Fz]	[Mx]	[My]	Mz	[APOST]	[AANT]	AINF	ASUP	Sc	Sf	w
	cm		kg			kg*m				cm <sup>2</sup>		kg/cm <sup>2</sup>		mm
3	0	-0	2134	0	-0	0	-425	4.02	4.02	6.03	6.03	-6.04	35.5	0.00
4	0	-0	1930	0	-0	0	-383	4.02	4.02	6.03	6.03	-5.45	32.0	0.00
5	0	-0	1879	0	-0	0	-372	4.02	4.02	6.03	6.03	-5.30	31.1	0.00

apost= --      aant= --      ainf= 2.01 asup= 2.01 (e arm. base= 4 X 2.01)

3	60	-0	1280	0	-0	-0	280	4.02	4.02	6.03	6.03	-3.98	23.4	0.00
4	60	-0	1158	0	-0	-0	254	4.02	4.02	6.03	6.03	-3.61	21.2	0.00
5	60	-0	1127	0	-0	0	248	4.02	4.02	6.03	6.03	-3.52	20.7	0.00

apost= --      aant= --      ainf= 2.01 asup= 2.01 (e arm. base= 4 X 2.01)

3	120	-0	427	0	-0	-0	792	4.02	4.02	6.03	4.02	-11.49	66.6	0.00
4	120	-0	386	0	-0	-0	717	4.02	4.02	6.03	4.02	-10.41	60.3	0.00
5	120	-0	376	0	-0	0	699	4.02	4.02	6.03	4.02	-10.14	58.7	0.00

apost= --      aant= --      ainf= 2.01 asup= --      (e arm. base= 4 X 2.01)

3	180	-0	-427	0	-0	-0	792	4.02	4.02	6.03	4.02	-11.49	66.6	0.00
4	180	-0	-386	0	-0	-0	717	4.02	4.02	6.03	4.02	-10.41	60.3	0.00
5	180	-0	-376	0	-0	0	699	4.02	4.02	6.03	4.02	-10.14	58.7	0.00

apost= --      aant= --      ainf= 2.01 asup= --      (e arm. base= 4 X 2.01)

3	240	-0	-1280	0	-0	-0	280	4.02	4.02	6.03	6.03	-3.98	23.4	0.00
4	240	-0	-1158	0	-0	-0	254	4.02	4.02	6.03	6.03	-3.61	21.2	0.00
5	240	-0	-1127	0	-0	0	248	4.02	4.02	6.03	6.03	-3.52	20.7	0.00

apost= --      aant= --      ainf= 2.01 asup= 2.01 (e arm. base= 4 X 2.01)

3	300	-0	-2134	0	-0	0	-425	4.02	4.02	6.03	6.03	-6.04	35.5	0.00
4	300	-0	-1930	0	-0	0	-383	4.02	4.02	6.03	6.03	-5.45	32.0	0.00
5	300	-0	-1879	0	-0	0	-372	4.02	4.02	6.03	6.03	-5.30	31.1	0.00

apost= --      aant= --      ainf= 2.01 asup= 2.01 (e arm. base= 4 X 2.01)

MOMENTO MASSIMO E FRECCIA IN CAMPATA      Modulo di elast.:      336749    kg/cm<sup>2</sup>

NC	Tipo	x	Mmax	Mmax	AINF	ASUP	Sc	Sf	w	x fmax.	fmax	fmax / l	Momento d'inerzia sez.	
		cm	kg*m		cm <sup>2</sup>		kg/cm <sup>2</sup>		mm	cm			non fess.	fess.
													cm <sup>4</sup>	
3	Rara	150	1600	6.03	4.02	-39.28	1411.0	0.08	150	0.11	1 /	2765	69287	25202
4	Freq.	150	1447	6.03	4.02	-21.01	121.7	0.00	150	0.05	1 /	6353	69120	69120
5	Q.Perm.	150	1409	6.03	4.02	-20.45	118.5	0.00	150	0.05	1 /	6526	69120	69120

Nome travata: **Travi04\_IP1**    Descrizione: **Travi 2-7**  
**ASTA NUM. 2**    NI 19    NF 12    SEZ. Rp B= 60.0    H= 24.0    (trave)

categoria: p.p. y Permanente    Neve    qy tot.  
qy medio: 3.6000 17.8500    3.4000 24.8500    kg/cm

armatura base = 4 X 2.01      per le armature aggiuntive consultare il tabulato

NC	x	[Fx]	[Fy]	[Fz]	[Mx]	[My]	Mz	[APOST]	[AANT]	AINF	ASUP	Sc	Sf	w
--	--													--
	cm		kg			kg*m			cm <sup>2</sup>			kg/cm <sup>2</sup>		mm
3	0	-0	3728	0	-0	0	-806	4.02	4.02	6.03	6.03	-11.46	67.4	0.00
4	0	-0	3320	0	-0	0	-715	4.02	4.02	6.03	6.03	-10.17	59.8	0.00
5	0	-0	3218	0	-0	0	-692	4.02	4.02	6.03	6.03	-9.85	57.9	0.00

apost= --      aant= --      ainf= 2.01 asup= 2.01 (e arm. base= 4 X 2.01)

3	60	-0	2237	0	-0	0	424	4.02	4.02	6.03	6.03	-6.04	35.5	0.00
4	60	-0	1992	0	-0	0	380	4.02	4.02	6.03	6.03	-5.41	31.8	0.00
5	60	-0	1931	0	-0	0	369	4.02	4.02	6.03	6.03	-5.26	30.9	0.00

apost= --      aant= --      ainf= 2.01 asup= 2.01 (e arm. base= 4 X 2.01)

3	120	-0	746	0	-0	0	1319	4.02	4.02	6.03	4.02	-19.14	110.9	0.00
4	120	-0	664	0	-0	0	1177	4.02	4.02	6.03	4.02	-17.08	99.0	0.00
5	120	-0	644	0	-0	0	1142	4.02	4.02	6.03	4.02	-16.57	96.0	0.00

apost= --      aant= --      ainf= 2.01 asup= --      (e arm. base= 4 X 2.01)

3	180	-0	-746	0	-0	0	1319	4.02	4.02	6.03	4.02	-19.14	110.9	0.00
4	180	-0	-664	0	-0	0	1177	4.02	4.02	6.03	4.02	-17.08	99.0	0.00
5	180	-0	-644	0	-0	0	1142	4.02	4.02	6.03	4.02	-16.57	96.0	0.00

apost= --      aant= --      ainf= 2.01 asup= --      (e arm. base= 4 X 2.01)

3	240	-0	-2237	0	-0	0	424	4.02	4.02	6.03	6.03	-6.04	35.5	0.00
4	240	-0	-1992	0	-0	0	380	4.02	4.02	6.03	6.03	-5.41	31.8	0.00
5	240	-0	-1931	0	-0	0	369	4.02	4.02	6.03	6.03	-5.26	30.9	0.00

apost= --      aant= --      ainf= 2.01 asup= 2.01 (e arm. base= 4 X 2.01)

3	300	-0	-3728	0	-0	0	-806	4.02	4.02	6.03	6.03	-11.46	67.4	0.00
4	300	-0	-3320	0	-0	0	-715	4.02	4.02	6.03	6.03	-10.17	59.8	0.00
5	300	-0	-3218	0	-0	0	-692	4.02	4.02	6.03	6.03	-9.85	57.9	0.00

apost= --      aant= --      ainf= 2.01 asup= 2.01 (e arm. base= 4 X 2.01)

MOMENTO MASSIMO E FRECCIA IN CAMPATA      Modulo di elast.:      336749    kg/cm<sup>2</sup>

NC	Tipo	x	Mmax	Mmax	AINF	ASUP	Sc	Sf	w	x fmax.	fmax	fmax / l	Momento d'inerzia sez.	
		cm	kg*m		cm <sup>2</sup>		kg/cm <sup>2</sup>		mm	cm			non fess.	fess.
													cm <sup>4</sup>	
3	Rara	150	2796	6.03	4.02	-68.62	2464.9	0.21	150	0.23	1 /	1303	69287	25202
4	Freq.	150	2490	6.03	4.02	-61.11	2195.1	0.18	150	0.20	1 /	1497	69287	25202
5	Q.Perm.	150	2413	6.03	4.02	-59.23	2127.6	0.17	150	0.19	1 /	1555	69287	25202

Nome travata: **Travi05\_IP1**    Descrizione: **Travi 3-8**  
**ASTA NUM. 3**    NI 18    NF 13    SEZ. Rp B= 60.0    H= 24.0    (trave)

categoria: p.p. y Permanente    Neve    qy tot.



qy medio: 3.6000 17.8500 3.4000 24.8500 kg/cm

armatura base = 4 X 2.01 per le armature aggiuntive consultare il tabulato

NC	x	[Fx]	[Fy]	[Fz]	[Mx]	[My]	Mz	[APOST]	[AANT]	AINF	ASUP	Sc	Sf	w
	cm	kg			kg*m			cm <sup>2</sup>				kg/cm <sup>2</sup>		mm
3	0	-0	3728	0	-0	0	-794	4.02	4.02	6.03	6.03	-11.29	66.4	0.00
4	0	-0	3320	0	-0	0	-705	4.02	4.02	6.03	6.03	-10.03	59.0	0.00
5	0	-0	3218	0	-0	0	-682	4.02	4.02	6.03	6.03	-9.71	57.1	0.00

apost= -- aant= -- ainf= 2.01 asup= 2.01 (e arm. base= 4 X 2.01)

3	60	-0	2237	0	-0	0	436	4.02	4.02	6.03	6.03	-6.21	36.5	0.00
4	60	-0	1992	0	-0	0	390	4.02	4.02	6.03	6.03	-5.55	32.7	0.00
5	60	-0	1931	0	-0	0	379	4.02	4.02	6.03	6.03	-5.40	31.7	0.00

apost= -- aant= -- ainf= 2.01 asup= 2.01 (e arm. base= 4 X 2.01)

3	120	-0	746	0	-0	0	1331	4.02	4.02	6.03	4.02	-19.32	111.9	0.00
4	120	-0	664	0	-0	0	1187	4.02	4.02	6.03	4.02	-17.23	99.8	0.00
5	120	-0	644	0	-0	0	1152	4.02	4.02	6.03	4.02	-16.71	96.8	0.00

apost= -- aant= -- ainf= 2.01 asup= -- (e arm. base= 4 X 2.01)

3	180	-0	-746	0	-0	0	1331	4.02	4.02	6.03	4.02	-19.32	111.9	0.00
4	180	-0	-664	0	-0	0	1187	4.02	4.02	6.03	4.02	-17.23	99.8	0.00
5	180	-0	-644	0	-0	0	1152	4.02	4.02	6.03	4.02	-16.71	96.8	0.00

apost= -- aant= -- ainf= 2.01 asup= -- (e arm. base= 4 X 2.01)

3	240	-0	-2237	0	-0	0	436	4.02	4.02	6.03	6.03	-6.21	36.5	0.00
4	240	-0	-1992	0	-0	0	390	4.02	4.02	6.03	6.03	-5.55	32.7	0.00
5	240	-0	-1931	0	-0	0	379	4.02	4.02	6.03	6.03	-5.40	31.7	0.00

apost= -- aant= -- ainf= 2.01 asup= 2.01 (e arm. base= 4 X 2.01)

3	300	-0	-3728	0	-0	0	-794	4.02	4.02	6.03	6.03	-11.29	66.4	0.00
4	300	-0	-3320	0	-0	0	-705	4.02	4.02	6.03	6.03	-10.03	59.0	0.00
5	300	-0	-3218	0	-0	0	-682	4.02	4.02	6.03	6.03	-9.71	57.1	0.00

apost= -- aant= -- ainf= 2.01 asup= 2.01 (e arm. base= 4 X 2.01)

MOMENTO MASSIMO E FRECCIA IN CAMPATA Modulo di elast.: 336749 kg/cm<sup>2</sup>

NC	Tipo	x	Mmax	Mmax	AINF	ASUP	Sc	Sf	w	x fmax.	fmax	fmax / l	Momento d'inerzia sez.	
													non fess.	fess.
		cm		kg*m	cm <sup>2</sup>		kg/cm <sup>2</sup>		mm	cm			cm <sup>4</sup>	
3	Rara	150	2796	6.03	4.02	-68.62	2464.9	0.21	150	0.23	1 / 1303		69287	25202
4	Freq.	150	2490	6.03	4.02	-61.11	2195.1	0.18	150	0.20	1 / 1497		69287	25202
5	Q.Perm.	150	2413	6.03	4.02	-59.23	2127.6	0.17	150	0.19	1 / 1555		69287	25202

Nome travata: **Travi06\_IP1** Descrizione: **Travi 4-9**  
**ASTA NUM. 4** NI 17 NF 14 SEZ. Rp B= 60.0 H= 24.0 (trave)

categoria: p.p. y Permanente Neve qy tot.  
qy medio: 3.6000 17.8500 3.4000 24.8500 kg/cm

armatura base = 4 X 2.01 per le armature aggiuntive consultare il tabulato

NC	x	[Fx]	[Fy]	[Fz]	[Mx]	[My]	Mz	[APOST]	[AANT]	AINF	ASUP	Sc	Sf	w
	--													--
	cm	kg			kg*m			cm <sup>2</sup>				kg/cm <sup>2</sup>		mm
3	0	-0	3727	0	-0	0	-806	4.02	4.02	6.03	6.03	-11.47	67.4	0.00
4	0	-0	3319	0	-0	0	-715	4.02	4.02	6.03	6.03	-10.17	59.8	0.00
5	0	-0	3217	0	-0	0	-692	4.02	4.02	6.03	6.03	-9.85	57.9	0.00

apost= -- aant= -- ainf= 2.01 asup= 2.01 (e arm. base= 4 X 2.01)

3	60	-0	2236	0	-0	0	424	4.02	4.02	6.03	6.03	-6.04	35.5	0.00
4	60	-0	1991	0	-0	0	380	4.02	4.02	6.03	6.03	-5.41	31.8	0.00
5	60	-0	1930	0	-0	0	369	4.02	4.02	6.03	6.03	-5.26	30.9	0.00

apost= -- aant= -- ainf= 2.01 asup= 2.01 (e arm. base= 4 X 2.01)

3	120	-0	745	0	-0	0	1319	4.02	4.02	6.03	4.02	-19.14	110.9	0.00
4	120	-0	663	0	-0	0	1177	4.02	4.02	6.03	4.02	-17.08	99.0	0.00
5	120	-0	643	0	-0	0	1142	4.02	4.02	6.03	4.02	-16.57	96.0	0.00

apost= -- aant= -- ainf= 2.01 asup= -- (e arm. base= 4 X 2.01)

3	180	-0	-746	0	-0	0	1319	4.02	4.02	6.03	4.02	-19.14	110.9	0.00
4	180	-0	-664	0	-0	0	1177	4.02	4.02	6.03	4.02	-17.08	99.0	0.00
5	180	-0	-644	0	-0	0	1142	4.02	4.02	6.03	4.02	-16.57	96.0	0.00

apost= -- aant= -- ainf= 2.01 asup= -- (e arm. base= 4 X 2.01)

3	240	-0	-2237	0	-0	0	424	4.02	4.02	6.03	6.03	-6.04	35.5	0.00
4	240	-0	-1992	0	-0	0	380	4.02	4.02	6.03	6.03	-5.41	31.8	0.00
5	240	-0	-1931	0	-0	0	369	4.02	4.02	6.03	6.03	-5.26	30.9	0.00

apost= -- aant= -- ainf= 2.01 asup= 2.01 (e arm. base= 4 X 2.01)

3	300	-0	-3728	0	-0	0	-806	4.02	4.02	6.03	6.03	-11.46	67.4	0.00
4	300	-0	-3320	0	-0	0	-715	4.02	4.02	6.03	6.03	-10.17	59.8	0.00
5	300	-0	-3218	0	-0	0	-692	4.02	4.02	6.03	6.03	-9.85	57.9	0.00

apost= --            aant= --            ainf= 2.01 asup= 2.01 (e arm. base= 4 X 2.01)

MOMENTO MASSIMO E FRECCIA IN CAMPATA            Modulo di elast.:            336749    kg/cm<sup>2</sup>

NC	Tipo	x	Mmax	Mmax	AINF	ASUP	Sc	Sf	w	x fmax.	fmax	fmax / l	Momento d'inerzia sez.	
		cm	kg*m		cm <sup>2</sup>		kg/cm <sup>2</sup>		mm	cm			non fess.	fess.
													cm <sup>4</sup>	
3	Rara	150	2796	6.03	4.02	-68.62	2464.9	0.21	150	0.23	1 / 1303		69287	25202
4	Freq.	150	2490	6.03	4.02	-61.11	2195.1	0.18	150	0.20	1 / 1497		69287	25202
5	Q.Perm.	150	2413	6.03	4.02	-59.23	2127.6	0.17	150	0.19	1 / 1555		69287	25202

Nome travata: **Travi07\_IP1**    Descrizione: **Travi 5-10**  
**ASTA NUM. 5**    NI 16    NF 15    SEZ. Rp B= 60.0 H= 24.0 (trave)

categoria: p.p. y Permanente    Neve    qy tot.  
qy medio: 3.6000    8.9250    1.7000 14.2250    kg/cm

armatura base = 4 X 2.01            per le armature aggiuntive consultare il tabulato

NC	x	[Fx]	[Fy]	[Fz]	[Mx]	[My]	Mz	[APOST]	[AANT]	AINF	ASUP	Sc	Sf	w
	cm		kg			kg*m			cm <sup>2</sup>				kg/cm <sup>2</sup>	mm
3	0	-0	2134	0	-0	0	-425	4.02	4.02	6.03	6.03	-6.04	35.5	0.00
4	0	-0	1930	0	-0	0	-383	4.02	4.02	6.03	6.03	-5.45	32.0	0.00
5	0	-0	1879	0	-0	0	-372	4.02	4.02	6.03	6.03	-5.30	31.1	0.00

apost= --            aant= --            ainf= 2.01 asup= 2.01 (e arm. base= 4 X 2.01)

3	60	-0	1280	0	-0	0	280	4.02	4.02	6.03	6.03	-3.98	23.4	0.00
4	60	-0	1158	0	-0	0	254	4.02	4.02	6.03	6.03	-3.61	21.2	0.00
5	60	-0	1127	0	-0	0	248	4.02	4.02	6.03	6.03	-3.52	20.7	0.00

apost= --            aant= --            ainf= 2.01 asup= 2.01 (e arm. base= 4 X 2.01)

3	120	-0	427	0	-0	0	792	4.02	4.02	6.03	4.02	-11.49	66.6	0.00
4	120	-0	386	0	-0	0	717	4.02	4.02	6.03	4.02	-10.41	60.3	0.00
5	120	-0	376	0	-0	0	699	4.02	4.02	6.03	4.02	-10.14	58.7	0.00

apost= --            aant= --            ainf= 2.01 asup= --            (e arm. base= 4 X 2.01)

3	180	-0	-427	0	-0	0	792	4.02	4.02	6.03	4.02	-11.49	66.6	0.00
4	180	-0	-386	0	-0	0	717	4.02	4.02	6.03	4.02	-10.41	60.3	0.00
5	180	-0	-376	0	-0	0	699	4.02	4.02	6.03	4.02	-10.14	58.7	0.00

apost= --            aant= --            ainf= 2.01 asup= --            (e arm. base= 4 X 2.01)

3	240	-0	-1280	0	-0	0	280	4.02	4.02	6.03	6.03	-3.98	23.4	0.00
4	240	-0	-1158	0	-0	0	254	4.02	4.02	6.03	6.03	-3.61	21.2	0.00
5	240	-0	-1127	0	-0	0	248	4.02	4.02	6.03	6.03	-3.52	20.7	0.00

apost= --            aant= --            ainf= 2.01 asup= 2.01 (e arm. base= 4 X 2.01)

3	300	-0	-2134	0	-0	0	-425	4.02	4.02	6.03	6.03	-6.04	35.5	0.00
4	300	-0	-1930	0	-0	0	-383	4.02	4.02	6.03	6.03	-5.45	32.0	0.00
5	300	-0	-1879	0	-0	0	-372	4.02	4.02	6.03	6.03	-5.30	31.1	0.00

apost= --            aant= --            ainf= 2.01 asup= 2.01 (e arm. base= 4 X 2.01)

MOMENTO MASSIMO E FRECCIA IN CAMPATA            Modulo di elast.:            336749    kg/cm<sup>2</sup>

NC	Tipo	x	Mmax	Mmax	AINF	ASUP	Sc	Sf	w	x fmax.	fmax	fmax / l	Momento d'inerzia sez.	
		cm	kg*m		cm <sup>2</sup>		kg/cm <sup>2</sup>		mm	cm			non fess.	fess.
													cm <sup>4</sup>	
3	Rara	150	1600	6.03	4.02	-39.28	1411.0	0.08	150	0.11	1 / 2765		69287	25202
4	Freq.	150	1447	6.03	4.02	-21.01	121.7	0.00	150	0.05	1 / 6353		69120	69120
5	Q.Perm.	150	1409	6.03	4.02	-20.45	118.5	0.00	150	0.05	1 / 6526		69120	69120

Nome travata: **Travi01\_IP1**    Descrizione: **Travi 1-2-3-4-5**  
**ASTA NUM. 6**    NI 20    NF 19    SEZ. Rp B= 40.0 H= 24.0 (trave)

categoria: p.p. y qy tot.  
qy medio: 2.4000    2.4000    kg/cm

armatura base = 4 X 2.01            per le armature aggiuntive consultare il tabulato

NC	x	[Fx]	[Fy]	[Fz]	[Mx]	[My]	Mz	[APOST]	[AANT]	AINF	ASUP	Sc	Sf	w
	cm		kg			kg*m			cm <sup>2</sup>				kg/cm <sup>2</sup>	mm
3	0	0	365	-0	58	-0	-86	4.02	4.02	4.02	4.02	-1.84	10.8	0.00
4	0	0	361	-0	51	-0	-81	4.02	4.02	4.02	4.02	-1.72	10.1	0.00
5	0	0	358	-0	49	-0	-76	4.02	4.02	4.02	4.02	-1.62	9.5	0.00

apost= --            aant= --            ainf= --            asup= --            (e arm. base= 4 X 2.01)

3	68	0	201	-0	58	-0	52	4.02	4.02	4.02	4.02	-1.10	6.5	0.00
4	68	0	198	-0	51	-0	55	4.02	4.02	4.02	4.02	-1.18	6.9	0.00

5	68	0	195	-0	49	-0	58	4.02	4.02	4.02	4.02	-1.24	7.3	0.00
apost= --		aant= --		ainf= --		asup= --		(e arm. base= 4 X 2.01)						
3	136	0	38	-0	58	-0	133	4.02	4.02	4.02	4.02	-2.84	16.7	0.00
4	136	0	34	-0	51	-0	134	4.02	4.02	4.02	4.02	-2.86	16.8	0.00
5	136	0	32	-0	49	-0	135	4.02	4.02	4.02	4.02	-2.88	16.9	0.00
apost= --		aant= --		ainf= --		asup= --		(e arm. base= 4 X 2.01)						
3	204	0	-125	-0	58	-0	104	4.02	4.02	4.02	4.02	-2.21	13.0	0.00
4	204	0	-129	-0	51	-0	102	4.02	4.02	4.02	4.02	-2.18	12.8	0.00
5	204	0	-132	-0	49	-0	101	4.02	4.02	4.02	4.02	-2.16	12.7	0.00
apost= --		aant= --		ainf= --		asup= --		(e arm. base= 4 X 2.01)						
3	272	0	-288	-0	58	-0	-37	4.02	4.02	4.02	4.02	-0.79	4.6	0.00
4	272	0	-292	-0	51	-0	-41	4.02	4.02	4.02	4.02	-0.88	5.2	0.00
5	272	0	-295	-0	49	-0	-44	4.02	4.02	4.02	4.02	-0.94	5.5	0.00
apost= --		aant= --		ainf= --		asup= --		(e arm. base= 4 X 2.01)						
3	340	0	-452	-0	58	0	-221	4.02	4.02	4.02	4.02	-4.71	27.7	0.00
4	340	0	-455	-0	51	0	-227	4.02	4.02	4.02	4.02	-4.84	28.5	0.00
5	340	0	-458	-0	49	0	-231	4.02	4.02	4.02	4.02	-4.94	29.0	0.00

apost= --		aant= --		ainf= --		asup= --		(e arm. base= 4 X 2.01)							
MOMENTO MASSIMO E FRECCIA IN CAMPATA												Modulo di elast.:		336749 kg/cm²	
NC	Tipo	x	Mmax	Mmax	AINF	ASUP	Sc	Sf	w	x fmax.	fmax	fmax / l	Momento d'inerzia sez.		
													non fess.	fess.	
		cm		kg*m	cm²		kg/cm²		mm	cm			cm⁴		
3	Rara	134	214	4.02	4.02	-4.57	26.9	0.00	151	0.01	1 / 30630		46080	46080	
4	Freq.	134	214	4.02	4.02	-4.57	26.9	0.00	151	0.01	1 / 30630		46080	46080	
5	Q.Perm.	134	214	4.02	4.02	-4.57	26.9	0.00	151	0.01	1 / 30630		46080	46080	

Nome travata: **Travi01\_IP1** Descrizione: **Travi 1-2-3-4-5**  
**ASTA NUM. 7** NI 19 NF 18 SEZ. Rp B= 40.0 H= 24.0 (trave)

categoria: p.p. y qy tot.  
qy medio: 2.4000 2.4000 kg/cm

armatura base = 4 X 2.01 per le armature aggiuntive consultare il tabulato

NC	x	[Fx]	[Fy]	[Fz]	[Mx]	[My]	Mz	[APOST]	[AANT]	AINF	ASUP	Sc	Sf	w
	cm		kg			kg*m				cm <sup>2</sup>			kg/cm <sup>2</sup>	mm
3	0	0	412	0	4	0	-178	4.02	4.02	4.02	4.02	-3.80	22.4	0.00
4	0	0	411	0	3	0	-176	4.02	4.02	4.02	4.02	-3.75	22.0	0.00
5	0	0	410	0	3	0	-174	4.02	4.02	4.02	4.02	-3.72	21.8	0.00
apost= --		aant= --		ainf= --		asup= --		(e arm. base= 4 X 2.01)						
3	68	0	249	0	4	-0	-15	4.02	4.02	4.02	4.02	-0.32	1.9	0.00
4	68	0	248	0	3	-0	-13	4.02	4.02	4.02	4.02	-0.29	1.7	0.00
5	68	0	247	0	3	-0	-12	4.02	4.02	4.02	4.02	-0.26	1.6	0.00
apost= --		aant= --		ainf= --		asup= --		(e arm. base= 4 X 2.01)						
3	136	0	86	0	4	-0	99	4.02	4.02	4.02	4.02	-2.11	12.4	0.00
4	136	0	84	0	3	-0	99	4.02	4.02	4.02	4.02	-2.12	12.5	0.00
5	136	0	83	0	3	-0	100	4.02	4.02	4.02	4.02	-2.13	12.5	0.00
apost= --		aant= --		ainf= --		asup= --		(e arm. base= 4 X 2.01)						
3	204	0	-77	0	4	-0	102	4.02	4.02	4.02	4.02	-2.17	12.8	0.00
4	204	0	-79	0	3	-0	101	4.02	4.02	4.02	4.02	-2.16	12.7	0.00
5	204	0	-80	0	3	-0	101	4.02	4.02	4.02	4.02	-2.16	12.7	0.00
apost= --		aant= --		ainf= --		asup= --		(e arm. base= 4 X 2.01)						
3	272	0	-240	0	4	-0	-6	4.02	4.02	4.02	4.02	-0.13	0.8	0.00
4	272	0	-242	0	3	-0	-8	4.02	4.02	4.02	4.02	-0.17	1.0	0.00
5	272	0	-243	0	3	-0	-9	4.02	4.02	4.02	4.02	-0.19	1.1	0.00
apost= --		aant= --		ainf= --		asup= --		(e arm. base= 4 X 2.01)						
3	340	0	-404	0	4	0	-165	4.02	4.02	4.02	4.02	-3.51	20.6	0.00
4	340	0	-405	0	3	0	-167	4.02	4.02	4.02	4.02	-3.57	21.0	0.00
5	340	0	-406	0	3	0	-168	4.02	4.02	4.02	4.02	-3.60	21.1	0.00
apost= --		aant= --		ainf= --		asup= --		(e arm. base= 4 X 2.01)						
MOMENTO MASSIMO E FRECCIA IN CAMPATA							Modulo di elast.:		336749 kg/cm <sup>2</sup>					

NC	Tipo	x	Mmax	Mmax	AINF	ASUP	Sc	Sf	w	x fmax.	fmax	fmax / l	Momento d'inerzia sez.	
													non fess.	fess.
		cm		kg*m	cm <sup>2</sup>		kg/cm <sup>2</sup>		mm	cm			cm <sup>4</sup>	
3	--	204	102	--	--	--	--	0.00	183	0.00	1 / 99999		46080	46080
4	--	204	101	--	--	--	--	0.00	183	0.00	1 / 99999		46080	46080
5	--	204	101	--	--	--	--	0.00	183	0.00	1 / 99999		46080	46080

Nome travata: **Travi01\_IP1** Descrizione: **Travi 1-2-3-4-5**  
**ASTA NUM. 8** NI 18 NF 17 SEZ. Rp B= 40.0 H= 24.0 (trave)

categoria: p.p. y qy tot.  
qy medio: 2.4000 2.4000 kg/cm

armatura base = 4 X 2.01 per le armature aggiuntive consultare il tabulato

NC	x	[Fx]	[Fy]	[Fz]	[Mx]	[My]	Mz	[APOST]	[AANT]	AINF	ASUP	Sc	Sf	w
--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	cm	kg			kg*m			cm <sup>2</sup>				kg/cm <sup>2</sup>		mm
-----														
3	0	0	404	-0	-4	0	-165	4.02	4.02	4.02	4.02	-3.51	20.6	0.00
4	0	0	405	-0	-3	0	-167	4.02	4.02	4.02	4.02	-3.57	21.0	0.00
5	0	0	406	-0	-3	0	-168	4.02	4.02	4.02	4.02	-3.60	21.1	0.00
apost= --		aant= --		ainf= --		asup= --		(e arm. base= 4 X 2.01)						
3	68	0	240	-0	-4	-0	-6	4.02	4.02	4.02	4.02	-0.13	0.8	0.00
4	68	0	242	-0	-3	-0	-8	4.02	4.02	4.02	4.02	-0.17	1.0	0.00
5	68	0	243	-0	-3	-0	-9	4.02	4.02	4.02	4.02	-0.19	1.1	0.00
apost= --		aant= --		ainf= --		asup= --		(e arm. base= 4 X 2.01)						
3	136	0	77	-0	-4	-0	102	4.02	4.02	4.02	4.02	-2.17	12.8	0.00
4	136	0	79	-0	-3	-0	101	4.02	4.02	4.02	4.02	-2.16	12.7	0.00
5	136	0	80	-0	-3	-0	101	4.02	4.02	4.02	4.02	-2.16	12.7	0.00
apost= --		aant= --		ainf= --		asup= --		(e arm. base= 4 X 2.01)						
3	204	0	-86	-0	-4	-0	99	4.02	4.02	4.02	4.02	-2.11	12.4	0.00
4	204	0	-84	-0	-3	-0	99	4.02	4.02	4.02	4.02	-2.12	12.5	0.00
5	204	0	-83	-0	-3	-0	100	4.02	4.02	4.02	4.02	-2.13	12.5	0.00
apost= --		aant= --		ainf= --		asup= --		(e arm. base= 4 X 2.01)						
3	272	0	-249	-0	-4	-0	-15	4.02	4.02	4.02	4.02	-0.32	1.9	0.00
4	272	0	-248	-0	-3	-0	-13	4.02	4.02	4.02	4.02	-0.29	1.7	0.00
5	272	0	-247	-0	-3	-0	-12	4.02	4.02	4.02	4.02	-0.26	1.6	0.00
apost= --		aant= --		ainf= --		asup= --		(e arm. base= 4 X 2.01)						
3	340	0	-412	-0	-4	0	-178	4.02	4.02	4.02	4.02	-3.80	22.4	0.00
4	340	0	-411	-0	-3	0	-176	4.02	4.02	4.02	4.02	-3.75	22.0	0.00
5	340	0	-410	-0	-3	0	-174	4.02	4.02	4.02	4.02	-3.72	21.8	0.00
apost= --		aant= --		ainf= --		asup= --		(e arm. base= 4 X 2.01)						
MOMENTO MASSIMO E FRECCIA IN CAMPATA							Modulo di elast.:		336749 kg/cm <sup>2</sup>					

NC	Tipo	x	Mmax	Mmax	AINF	ASUP	Sc	Sf	w	x fmax.	fmax	fmax / l	Momento d'inerzia sez.	
		cm		kg*m	cm <sup>2</sup>		kg/cm <sup>2</sup>		mm	cm			non fess.	fess.
-----														
3	--	136	102	--	--	--	--	0.00	157	0.00	1 / 99999		46080	46080
4	--	136	101	--	--	--	--	0.00	157	0.00	1 / 99999		46080	46080
5	--	136	101	--	--	--	--	0.00	157	0.00	1 / 99999		46080	46080

Nome travata: **Travi01\_IP1** Descrizione: **Travi 1-2-3-4-5**  
**ASTA NUM. 9** NI 17 NF 16 SEZ. Rp B= 40.0 H= 24.0 (trave)

categoria: p.p. y qy tot.  
qy medio: 2.4000 2.4000 kg/cm

armatura base = 4 X 2.01 per le armature aggiuntive consultare il tabulato

NC	x	[Fx]	[Fy]	[Fz]	[Mx]	[My]	Mz	[APOST]	[AANT]	AINF	ASUP	Sc	Sf	w
	cm	kg			kg*m			cm <sup>2</sup>				kg/cm <sup>2</sup>		mm
3	0	0	452	0	-58	0	-221	4.02	4.02	4.02	4.02	-4.71	27.7	0.00
4	0	0	455	0	-51	0	-227	4.02	4.02	4.02	4.02	-4.84	28.5	0.00
5	0	0	458	0	-49	0	-231	4.02	4.02	4.02	4.02	-4.94	29.0	0.00
apost= --		aant= --		ainf= --		asup= --		(e arm. base= 4 X 2.01)						
3	68	0	288	0	-58	-0	-37	4.02	4.02	4.02	4.02	-0.79	4.6	0.00
4	68	0	292	0	-51	-0	-41	4.02	4.02	4.02	4.02	-0.88	5.2	0.00
5	68	0	295	0	-49	-0	-44	4.02	4.02	4.02	4.02	-0.94	5.5	0.00
apost= --		aant= --		ainf= --		asup= --		(e arm. base= 4 X 2.01)						
3	136	0	125	0	-58	-0	104	4.02	4.02	4.02	4.02	-2.21	13.0	0.00
4	136	0	129	0	-51	-0	102	4.02	4.02	4.02	4.02	-2.18	12.8	0.00
5	136	0	132	0	-49	-0	101	4.02	4.02	4.02	4.02	-2.16	12.7	0.00
apost= --		aant= --		ainf= --		asup= --		(e arm. base= 4 X 2.01)						
3	204	0	-38	0	-58	-0	133	4.02	4.02	4.02	4.02	-2.84	16.7	0.00
4	204	0	-35	0	-51	-0	134	4.02	4.02	4.02	4.02	-2.86	16.8	0.00
5	204	0	-32	0	-49	-0	135	4.02	4.02	4.02	4.02	-2.88	16.9	0.00
apost= --		aant= --		ainf= --		asup= --		(e arm. base= 4 X 2.01)						
3	272	0	-201	0	-58	-0	52	4.02	4.02	4.02	4.02	-1.10	6.5	0.00
4	272	0	-198	0	-51	-0	55	4.02	4.02	4.02	4.02	-1.18	6.9	0.00

5	272	0	-195	0	-49	-0	58	4.02	4.02	4.02	4.02	-1.24	7.3	0.00	
apost= --		aant= --		ainf= --		asup= --		(e arm. base= 4 X 2.01)							
3	340	0	-365	0	-58	-0	-86	4.02	4.02	4.02	4.02	-1.84	10.8	0.00	
4	340	0	-361	0	-51	-0	-81	4.02	4.02	4.02	4.02	-1.72	10.1	0.00	
5	340	0	-358	0	-49	-0	-76	4.02	4.02	4.02	4.02	-1.62	9.5	0.00	
apost= --		aant= --		ainf= --		asup= --		(e arm. base= 4 X 2.01)							
MOMENTO MASSIMO E FRECCIA IN CAMPATA							Modulo di elast.:		336749 kg/cm²						
NC	Tipo	x	Mmax	Mmax	AINF	ASUP	Sc	Sf	w	x	fmax.	fmax	fmax / l	Momento d'inerzia sez.	
		cm		kg*m		cm²			mm		cm			non fess.	fess.
							kg/cm²							cm⁴	
3	Rara	206	214	4.02	4.02	-4.57	26.9	0.00	189	0.01	1 / 30630			46080	46080
4	Freq.	206	214	4.02	4.02	-4.57	26.9	0.00	189	0.01	1 / 30630			46080	46080
5	Q.Perm.	206	214	4.02	4.02	-4.57	26.9	0.00	189	0.01	1 / 30630			46080	46080

Nome travata: **Travi02\_IP1** Descrizione: **Travi 6-7-8-9-10**  
**ASTA NUM. 10** NI 11 NF 12 SEZ. Rp B= 40.0 H= 24.0 (trave)

categoria: p.p. y qy tot.  
qy medio: 2.4000 2.4000 kg/cm

armatura base = 4 X 2.01 per le armature aggiuntive consultare il tabulato

NC	x	[Fx]	[Fy]	[Fz]	[Mx]	[My]	Mz	[APOST]	[AANT]	AINF	ASUP	Sc	Sf	w
	cm		kg			kg*m				cm <sup>2</sup>			kg/cm <sup>2</sup>	mm
3	0	-0	365	-0	-58	-0	-86	4.02	4.02	4.02	4.02	-1.84	10.8	0.00
4	0	-0	361	-0	-51	-0	-81	4.02	4.02	4.02	4.02	-1.72	10.1	0.00
5	0	-0	358	-0	-49	-0	-76	4.02	4.02	4.02	4.02	-1.62	9.5	0.00
apost= --		aant= --		ainf= --		asup= --		(e arm. base= 4 X 2.01)						
3	68	-0	201	-0	-58	-0	52	4.02	4.02	4.02	4.02	-1.10	6.5	0.00
4	68	-0	198	-0	-51	-0	55	4.02	4.02	4.02	4.02	-1.18	6.9	0.00
5	68	-0	195	-0	-49	-0	58	4.02	4.02	4.02	4.02	-1.24	7.3	0.00
apost= --		aant= --		ainf= --		asup= --		(e arm. base= 4 X 2.01)						
3	136	-0	38	-0	-58	-0	133	4.02	4.02	4.02	4.02	-2.84	16.7	0.00
4	136	-0	34	-0	-51	-0	134	4.02	4.02	4.02	4.02	-2.86	16.8	0.00
5	136	-0	32	-0	-49	-0	135	4.02	4.02	4.02	4.02	-2.88	16.9	0.00
apost= --		aant= --		ainf= --		asup= --		(e arm. base= 4 X 2.01)						
3	204	-0	-125	-0	-58	-0	104	4.02	4.02	4.02	4.02	-2.21	13.0	0.00
4	204	-0	-129	-0	-51	-0	102	4.02	4.02	4.02	4.02	-2.18	12.8	0.00
5	204	-0	-132	-0	-49	-0	101	4.02	4.02	4.02	4.02	-2.16	12.7	0.00
apost= --		aant= --		ainf= --		asup= --		(e arm. base= 4 X 2.01)						
3	272	-0	-288	-0	-58	-0	-37	4.02	4.02	4.02	4.02	-0.79	4.6	0.00
4	272	-0	-292	-0	-51	-0	-41	4.02	4.02	4.02	4.02	-0.88	5.2	0.00
5	272	-0	-295	-0	-49	-0	-44	4.02	4.02	4.02	4.02	-0.94	5.5	0.00
apost= --		aant= --		ainf= --		asup= --		(e arm. base= 4 X 2.01)						
3	340	-0	-452	-0	-58	0	-221	4.02	4.02	4.02	4.02	-4.71	27.7	0.00
4	340	-0	-455	-0	-51	0	-227	4.02	4.02	4.02	4.02	-4.84	28.5	0.00
5	340	-0	-458	-0	-49	0	-231	4.02	4.02	4.02	4.02	-4.94	29.0	0.00

NC	Tipo	x	Mmax	Mmax	AINF	ASUP	Sc	Sf	w	x fmax.	fmax	fmax / l	Momento d'inerzia sez.	
		cm	kg*m	cm <sup>2</sup>			kg/cm <sup>2</sup>		mm	cm			non fess.	fess.
													cm <sup>4</sup>	
3	Rara	134	214	4.02	4.02	-4.57	26.9	0.00	151	0.01	1 / 30630		46080	46080
4	Freq.	134	214	4.02	4.02	-4.57	26.9	0.00	151	0.01	1 / 30630		46080	46080
5	Q.Perm.	134	214	4.02	4.02	-4.57	26.9	0.00	151	0.01	1 / 30630		46080	46080

Nome travata: **Travi02\_IP1** Descrizione: **Travi 6-7-8-9-10**  
**ASTA NUM. 11** NI 12 NF 13 SEZ. Rp B= 40.0 H= 24.0 (trave)

categoria: p.p. y qy tot.  
qy medio: 2.4000 2.4000 kg/cm

armatura base = 4 X 2.01 per le armature aggiuntive consultare il tabulato

NC	x	[Fx]	[Fy]	[Fz]	[Mx]	[My]	Mz	[APOST]	[AANT]	AINF	ASUP	Sc	Sf	w
	cm		kg			kg*m			cm <sup>2</sup>			kg/cm <sup>2</sup>		mm
3	0	-0	412	0	-4	0	-178	4.02	4.02	4.02	4.02	-3.80	22.4	0.00
4	0	-0	411	0	-3	0	-176	4.02	4.02	4.02	4.02	-3.75	22.0	0.00
5	0	-0	410	0	-3	0	-174	4.02	4.02	4.02	4.02	-3.72	21.8	0.00

apost= --		aant= --		ainf= --		asup= --		(e arm. base= 4 X 2.01)						
3	68	-0	249	0	-4	-0	-15	4.02	4.02	4.02	4.02	-0.32	1.9	0.00
4	68	-0	248	0	-3	-0	-13	4.02	4.02	4.02	4.02	-0.29	1.7	0.00
5	68	-0	247	0	-3	-0	-12	4.02	4.02	4.02	4.02	-0.26	1.6	0.00
apost= --		aant= --		ainf= --		asup= --		(e arm. base= 4 X 2.01)						
3	136	-0	86	0	-4	-0	99	4.02	4.02	4.02	4.02	-2.11	12.4	0.00
4	136	-0	84	0	-3	-0	99	4.02	4.02	4.02	4.02	-2.12	12.5	0.00
5	136	-0	83	0	-3	-0	100	4.02	4.02	4.02	4.02	-2.13	12.5	0.00
apost= --		aant= --		ainf= --		asup= --		(e arm. base= 4 X 2.01)						
3	204	-0	-77	0	-4	-0	102	4.02	4.02	4.02	4.02	-2.17	12.8	0.00
4	204	-0	-79	0	-3	-0	101	4.02	4.02	4.02	4.02	-2.16	12.7	0.00
5	204	-0	-80	0	-3	-0	101	4.02	4.02	4.02	4.02	-2.16	12.7	0.00
apost= --		aant= --		ainf= --		asup= --		(e arm. base= 4 X 2.01)						
3	272	-0	-240	0	-4	-0	-6	4.02	4.02	4.02	4.02	-0.13	0.8	0.00
4	272	-0	-242	0	-3	-0	-8	4.02	4.02	4.02	4.02	-0.17	1.0	0.00
5	272	-0	-243	0	-3	-0	-9	4.02	4.02	4.02	4.02	-0.19	1.1	0.00
apost= --		aant= --		ainf= --		asup= --		(e arm. base= 4 X 2.01)						
3	340	-0	-404	0	-4	-0	-165	4.02	4.02	4.02	4.02	-3.51	20.6	0.00
4	340	-0	-405	0	-3	-0	-167	4.02	4.02	4.02	4.02	-3.57	21.0	0.00
5	340	-0	-406	0	-3	-0	-168	4.02	4.02	4.02	4.02	-3.60	21.1	0.00
apost= --		aant= --		ainf= --		asup= --		(e arm. base= 4 X 2.01)						
MOMENTO MASSIMO E FRECCIA IN CAMPATA							Modulo di elast.:		336749 kg/cm <sup>2</sup>					

NC	Tipo	x	Mmax	Mmax	AINF	ASUP	Sc	Sf	w	x fmax.	fmax	fmax / l	Momento d'inerzia sez.	
													non fess.	fess.
		cm		kg*m	cm <sup>2</sup>		kg/cm <sup>2</sup>		mm	cm			cm <sup>4</sup>	
3	--	204	102	--	--	--	--	0.00	183	0.00	1 / 99999		46080	46080
4	--	204	101	--	--	--	--	0.00	183	0.00	1 / 99999		46080	46080
5	--	204	101	--	--	--	--	0.00	183	0.00	1 / 99999		46080	46080

Nome travata: **Travi02\_IP1** Descrizione: **Travi 6-7-8-9-10**  
**ASTA NUM. 12** NI 13 NF 14 SEZ. Rp B= 40.0 H= 24.0 (trave)

categoria: p.p. y qy tot.  
qy medio: 2.4000 2.4000 kg/cm

armatura base = 4 X 2.01 per le armature aggiuntive consultare il tabulato

NC	x	[Fx]	[Fy]	[Fz]	[Mx]	[My]	Mz	[APOST]	[AANT]	AINF	ASUP	Sc	Sf	w
	cm	kg			kg*m			cm <sup>2</sup>				kg/cm <sup>2</sup>		mm
3	0	-0	404	-0	4	-0	-165	4.02	4.02	4.02	4.02	-3.51	20.6	0.00
4	0	-0	405	-0	3	-0	-167	4.02	4.02	4.02	4.02	-3.57	21.0	0.00
5	0	-0	406	-0	3	-0	-168	4.02	4.02	4.02	4.02	-3.60	21.1	0.00
apost= --		aant= --		ainf= --		asup= --		(e arm. base= 4 X 2.01)						
3	68	-0	240	-0	4	-0	-6	4.02	4.02	4.02	4.02	-0.13	0.8	0.00
4	68	-0	242	-0	3	-0	-8	4.02	4.02	4.02	4.02	-0.17	1.0	0.00
5	68	-0	243	-0	3	-0	-9	4.02	4.02	4.02	4.02	-0.19	1.1	0.00
apost= --		aant= --		ainf= --		asup= --		(e arm. base= 4 X 2.01)						
3	136	-0	77	-0	4	-0	102	4.02	4.02	4.02	4.02	-2.17	12.8	0.00
4	136	-0	79	-0	3	-0	101	4.02	4.02	4.02	4.02	-2.16	12.7	0.00
5	136	-0	80	-0	3	-0	101	4.02	4.02	4.02	4.02	-2.16	12.7	0.00
apost= --		aant= --		ainf= --		asup= --		(e arm. base= 4 X 2.01)						
3	204	-0	-86	-0	4	-0	99	4.02	4.02	4.02	4.02	-2.11	12.4	0.00
4	204	-0	-84	-0	3	-0	99	4.02	4.02	4.02	4.02	-2.12	12.5	0.00
5	204	-0	-83	-0	3	-0	100	4.02	4.02	4.02	4.02	-2.13	12.5	0.00
apost= --		aant= --		ainf= --		asup= --		(e arm. base= 4 X 2.01)						
3	272	-0	-249	-0	4	-0	-15	4.02	4.02	4.02	4.02	-0.32	1.9	0.00
4	272	-0	-248	-0	3	-0	-13	4.02	4.02	4.02	4.02	-0.29	1.7	0.00
5	272	-0	-247	-0	3	-0	-12	4.02	4.02	4.02	4.02	-0.26	1.6	0.00
apost= --		aant= --		ainf= --		asup= --		(e arm. base= 4 X 2.01)						
3	340	-0	-412	-0	4	0	-178	4.02	4.02	4.02	4.02	-3.80	22.4	0.00
4	340	-0	-411	-0	3	0	-176	4.02	4.02	4.02	4.02	-3.75	22.0	0.00
5	340	-0	-410	-0	3	0	-174	4.02	4.02	4.02	4.02	-3.72	21.8	0.00

NC	Tipo	x	Mmax	Mmax	AINF	ASUP	Sc	Sf	w	x fmax.	fmax	fmax / l	Momento d'inerzia sez.	
													non fess.	fess.
		cm		kg*m	cm <sup>2</sup>		kg/cm <sup>2</sup>		mm	cm			cm <sup>4</sup>	

3	--	136	102	--	--	--	--	0.00	157	0.00	1 / 99999	46080	46080
4	--	136	101	--	--	--	--	0.00	157	0.00	1 / 99999	46080	46080
5	--	136	101	--	--	--	--	0.00	157	0.00	1 / 99999	46080	46080

Nome travata: **Travi02\_IP1**    Descrizione: **Travi 6-7-8-9-10**  
**ASTA NUM. 13**    NI 14    NF 15    SEZ. Rp B= 40.0 H= 24.0    (trave)

categoria: p.p. y qy tot.  
qy medio: 2.4000 2.4000 kg/cm

armatura base = 4 X 2.01            per le armature aggiuntive consultare il tabulato

NC	x	[Fx]	[Fy]	[Fz]	[Mx]	[My]	Mz	[APOST]	[AANT]	AINF	ASUP	Sc	Sf	w
--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	cm	kg			kg*m			cm <sup>2</sup>				kg/cm <sup>2</sup>		mm
3	0	-0	452	0	58	0	-221	4.02	4.02	4.02	4.02	-4.71	27.7	0.00
4	0	-0	455	0	51	0	-227	4.02	4.02	4.02	4.02	-4.84	28.5	0.00
5	0	-0	458	0	49	0	-231	4.02	4.02	4.02	4.02	-4.94	29.0	0.00

apost= --            aant= --            ainf= --            asup= --            (e arm. base= 4 X 2.01)

3	68	-0	288	0	58	-0	-37	4.02	4.02	4.02	4.02	-0.79	4.6	0.00
4	68	-0	292	0	51	-0	-41	4.02	4.02	4.02	4.02	-0.88	5.2	0.00
5	68	-0	295	0	49	-0	-44	4.02	4.02	4.02	4.02	-0.94	5.5	0.00

apost= --            aant= --            ainf= --            asup= --            (e arm. base= 4 X 2.01)

3	136	-0	125	0	58	-0	104	4.02	4.02	4.02	4.02	-2.21	13.0	0.00
4	136	-0	129	0	51	-0	102	4.02	4.02	4.02	4.02	-2.18	12.8	0.00
5	136	-0	132	0	49	-0	101	4.02	4.02	4.02	4.02	-2.16	12.7	0.00

apost= --            aant= --            ainf= --            asup= --            (e arm. base= 4 X 2.01)

3	204	-0	-38	0	58	-0	133	4.02	4.02	4.02	4.02	-2.84	16.7	0.00
4	204	-0	-35	0	51	-0	134	4.02	4.02	4.02	4.02	-2.86	16.8	0.00
5	204	-0	-32	0	49	-0	135	4.02	4.02	4.02	4.02	-2.88	16.9	0.00

apost= --            aant= --            ainf= --            asup= --            (e arm. base= 4 X 2.01)

3	272	-0	-201	0	58	-0	52	4.02	4.02	4.02	4.02	-1.10	6.5	0.00
4	272	-0	-198	0	51	-0	55	4.02	4.02	4.02	4.02	-1.18	6.9	0.00
5	272	-0	-195	0	49	-0	58	4.02	4.02	4.02	4.02	-1.24	7.3	0.00

apost= --            aant= --            ainf= --            asup= --            (e arm. base= 4 X 2.01)

3	340	-0	-365	0	58	-0	-86	4.02	4.02	4.02	4.02	-1.84	10.8	0.00
4	340	-0	-361	0	51	-0	-81	4.02	4.02	4.02	4.02	-1.72	10.1	0.00
5	340	-0	-358	0	49	-0	-76	4.02	4.02	4.02	4.02	-1.62	9.5	0.00

apost= --            aant= --            ainf= --            asup= --            (e arm. base= 4 X 2.01)

MOMENTO MASSIMO E FRECCIA IN CAMPATA            Modulo di elast.:            336749 kg/cm<sup>2</sup>

NC	Tipo	x	Mmax	Mmax	AINF	ASUP	Sc	Sf	w	x fmax.	fmax	fmax / l	Momento d'inerzia sez.	
		-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	non fess.	fess.
		cm	kg*m		cm <sup>2</sup>		kg/cm <sup>2</sup>		mm	cm			cm <sup>4</sup>	
3	Rara	206	214	4.02	4.02	-4.57	26.9	0.00	189	0.01	1 / 30630		46080	46080
4	Freq.	206	214	4.02	4.02	-4.57	26.9	0.00	189	0.01	1 / 30630		46080	46080
5	Q.Perm.	206	214	4.02	4.02	-4.57	26.9	0.00	189	0.01	1 / 30630		46080	46080

L E G E N D A

Prima asta	Ultima asta	Nome disegno	Descrizione disegno
1	1	Travi03_IP1.ARM	Travi 1-6
2	2	Travi04_IP1.ARM	Travi 2-7
3	3	Travi05_IP1.ARM	Travi 3-8
4	4	Travi06_IP1.ARM	Travi 4-9
5	5	Travi07_IP1.ARM	Travi 5-10
6	9	Travi01_IP1.ARM	Travi 1-2-3-4-5
10	13	Travi02_IP1.ARM	Travi 6-7-8-9-10

Lavoro: **Strutturale** Intestazione lavoro: **Strutturale SLV**  
Elemento: **PILASTRO** Gruppo: **1** Tabella: **Tabella pilastri**  
Descrizione: **Pilastri**  
Rck: **350.00** kg/cm² fyk: **4580.0** kg/cm² Copriferro di calcolo: **3.0** cm Copriferro di disegno: **3.0** cm  
Verifica in ottemperanza alle NTC2008  
Diametro staffe: **8** mm Numero braccia: **2**  
ρ min.: **1.000** % Passo max. armatura longitudinale: **50.0** cm Calcolo eccentricità accidentale abilitato

**ASTA NUM. 1** NI 1 NF 20 SEZ. Rp B= 30.0 H= 56.0 (pilastro)  
**PIL. NUM. 1**  
armatura base = 4 X 2.01 per le armature aggiuntive consultare il tabulato

NC	x	αMy	αMz	Fx	Fy	Fz	Mx	My	Mz	APOST/ AANT	AINF/ ASUP	campo	Indice	resistenza	aswta	aswto	PASSO	
--	cm				kg			kg*m		cmq			Fx,M	Bielle	V,Mx	cmq/m	cm	
1A	0	--	--	-4592	-403	599	69	1249	846	10.05	4.02	3	0.17	0.02	0.16	0.00	0.00	12.8
1B	0	--	--	-4592	641	599	69	1249	-1966	10.05	4.02	3	0.17	0.02	0.18	0.00	0.00	12.8
1C	0	--	--	-4592	-403	-114	69	-609	846	10.05	4.02	3	0.06	0.01	0.15	0.00	0.00	12.8
1D	0	--	--	-4592	641	-114	69	-609	-1966	10.05	4.02	3	0.12	0.02	0.18	0.00	0.00	12.8
1E	0	--	--	-2922	-403	599	69	1249	846	10.05	4.02	2	0.22	0.02	0.17	0.00	0.00	12.8
1F	0	--	--	-2922	641	599	69	1249	-1966	10.05	4.02	3	0.18	0.02	0.19	0.00	0.00	12.8
1G	0	--	--	-2922	-403	-114	69	-609	846	10.05	4.02	3	0.07	0.01	0.15	0.00	0.00	12.8
1H	0	--	--	-2922	641	-114	69	-609	-1966	10.05	4.02	3	0.14	0.02	0.19	0.00	0.00	12.8
1I	0	--	--	-4834	-207	1127	87	2048	431	10.05	4.02	2	0.35	0.03	0.25	0.00	0.00	12.8
1J	0	--	--	-4834	445	1127	87	2048	-1440	10.05	4.02	2	0.36	0.03	0.25	0.00	0.00	12.8
1K	0	--	--	-4834	-207	-642	87	-1734	431	10.05	4.02	2	0.28	0.02	0.19	0.00	0.00	12.8
1L	0	--	--	-4834	445	-642	87	-1734	-1440	10.05	4.02	2	0.28	0.02	0.19	0.00	0.00	12.8
1M	0	--	--	-2680	-207	1127	87	2048	431	10.05	4.02	2	0.41	0.03	0.26	0.00	0.00	12.8
1N	0	--	--	-2680	445	1127	87	2048	-1440	10.05	4.02	2	0.42	0.03	0.26	0.00	0.00	12.8
1O	0	--	--	-2680	-207	-642	87	-1734	431	10.05	4.02	2	0.34	0.02	0.20	0.00	0.00	12.8
1P	0	--	--	-2680	445	-642	87	-1734	-1440	10.05	4.02	2	0.35	0.02	0.20	0.00	0.00	12.8
2	0	--	--	-5281	134	372	0	364	-824	10.05	4.02	3	0.04	0.01	0.04	0.00	0.00	12.8
7	0	--	--	-4104	94	292	0	288	-610	10.05	4.02	3	0.03	0.01	0.04	0.00	0.00	12.8
apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01) staffe= 2 d 8 / 9.1 n.spille lungo H: 1																		
1A	91	--	--	-4212	-403	599	69	380	481	10.05	4.02	3	0.04	0.02	0.16	0.00	0.00	19.2
1B	91	--	--	-4212	641	599	69	380	-1386	10.05	4.02	3	0.07	0.02	0.18	0.00	0.00	19.2
1C	91	--	--	-4212	-403	-114	69	-505	481	10.05	4.02	3	0.05	0.01	0.15	0.00	0.00	19.2
1D	91	--	--	-4212	641	-114	69	-505	-1386	10.05	4.02	3	0.08	0.02	0.18	0.00	0.00	19.2
1E	91	--	--	-2542	-403	599	69	380	481	10.05	4.02	3	0.04	0.02	0.16	0.00	0.00	19.2
1F	91	--	--	-2542	641	599	69	380	-1386	10.05	4.02	3	0.09	0.02	0.19	0.00	0.00	19.2
1G	91	--	--	-2542	-403	-114	69	-505	481	10.05	4.02	3	0.06	0.01	0.15	0.00	0.00	19.2
1H	91	--	--	-2542	641	-114	69	-505	-1386	10.05	4.02	3	0.10	0.02	0.19	0.00	0.00	19.2
1I	91	--	--	-4454	-207	1127	87	1028	132	10.05	4.02	2	0.12	0.03	0.25	0.00	0.00	19.2
1J	91	--	--	-4454	445	1127	87	1028	-1037	10.05	4.02	3	0.11	0.03	0.25	0.00	0.00	19.2
1K	91	--	--	-4454	-207	-642	87	-1153	132	10.05	4.02	2	0.15	0.02	0.19	0.00	0.00	19.2
1L	91	--	--	-4454	445	-642	87	-1153	-1037	10.05	4.02	3	0.16	0.02	0.19	0.00	0.00	19.2
1M	91	--	--	-2300	-207	1127	87	1028	132	10.05	4.02	2	0.18	0.03	0.26	0.00	0.00	19.2
1N	91	--	--	-2300	445	1127	87	1028	-1037	10.05	4.02	3	0.13	0.03	0.25	0.00	0.00	19.2
1O	91	--	--	-2300	-207	-642	87	-1153	132	10.05	4.02	2	0.21	0.02	0.20	0.00	0.00	19.2
1P	91	--	--	-2300	445	-642	87	-1153	-1037	10.05	4.02	2	0.22	0.02	0.20	0.00	0.00	19.2
2	91	--	--	-4787	134	372	0	-174	-689	10.05	4.02	4	0.03	0.01	0.05	0.00	0.00	19.2
7	91	--	--	-3724	94	292	0	-133	-514	10.05	4.02	4	0.02	0.01	0.04	0.00	0.00	19.2
apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01) staffe= 2 d 8 / 19.2																		
1A	181	--	--	-3832	-403	599	69	-163	117	10.05	4.02	4	0.02	0.02	0.17	0.00	0.00	19.2
1B	181	--	--	-3832	641	599	69	-163	-807	10.05	4.02	3	0.04	0.02	0.18	0.00	0.00	19.2
1C	181	--	--	-3832	-403	-114	69	-401	117	10.05	4.02	3	0.03	0.01	0.15	0.00	0.00	19.2
1D	181	--	--	-3832	641	-114	69	-401	-807	10.05	4.02	3	0.05	0.02	0.18	0.00	0.00	19.2
1E	181	--	--	-2162	-403	599	69	-163	117	10.05	4.02	4	0.01	0.02	0.17	0.00	0.00	19.2
1F	181	--	--	-2162	641	599	69	-163	-807	10.05	4.02	3	0.04	0.02	0.19	0.00	0.00	19.2
1G	181	--	--	-2162	-403	-114	69	-401	117	10.05	4.02	3	0.04	0.01	0.15	0.00	0.00	19.2
1H	181	--	--	-2162	641	-114	69	-401	-807	10.05	4.02	3	0.06	0.02	0.19	0.00	0.00	19.2
1I	181	--	--	-4074	-207	1127	87	7	-56	10.05	4.02	6	0.01	0.03	0.26	0.00	0.00	19.2
1J	181	--	--	-4074	445	1127	87	7	-634	10.05	4.02	4	0.02	0.03	0.25	0.00	0.00	19.2
1K	181	--	--	-4074	-207	-642	87	-571	-56	10.05	4.02	3	0.04	0.02	0.19	0.00	0.00	19.2
1L	181	--	--	-4074	445	-642	87	-571	-634	10.05	4.02	3	0.05	0.02	0.19	0.00	0.00	19.2
1M	181	--	--	-1920	-207	1127	87	7	-56	10.05	4.02	6	0.01	0.03	0.26	0.00	0.00	19.2
1N	181	--	--	-1920	445	1127	87	7	-634	10.05	4.02	3	0.03	0.03	0.25	0.00	0.00	19.2
1O	181	--	--	-1920	-207	-642	87	-571	-56	10.05	4.02	2	0.08	0.02	0.20	0.00	0.00	19.2
1P	181	--	--	-1920	445	-642	87	-571	-634	10.05	4.02	3	0.07	0.02	0.20	0.00	0.00	19.2
2	181	--	--	-4293	134	372	0	-501	-555	10.05	4.02	3	0.05	0.01	0.05	0.00	0.00	19.2
7	181	--	--	-3344	94	292	0	-390	-419	10.05	4.02	3	0.03	0.01	0.04	0.00	0.00	19.2
apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01) staffe= 2 d 8 / 19.2																		
1A	272	--	--	-3452	-403	599	69	-706	-248	10.05	4.02	3	0.08	0.02	0.17	0.00	0.00	19.2
1B	272	--	--	-3452	641	599	69	-706	-227	10.05	4.02	3	0.08	0.02	0.18	0.00	0.00	19.2
1C	272	--	--	-3452	-403	-114	69	-297	-248	10.05	4.02	3	0.03	0.01	0.15	0.00	0.00	19.2
1D	272	--	--	-3452	641	-114	69	-297	-227	10.05	4.02	3	0.03	0.02	0.18	0.00	0.00	19.2
1E	272	--	--	-1782	-403	599	69	-706	-248	10.05	4.02	2	0.12	0.02	0.17	0.00	0.00	19.2
1F	272	--	--	-1782	641	599	69	-706	-227	10.05	4.02	2	0.12	0.02	0.19	0.00	0.00	19.2
1G	272	--	--	-1782	-403	-114	69	-297	-248	10.05	4.02	3	0.03	0.01	0.15	0.00	0.00	19.2
1H	272	--	--	-1782	641	-114	69	-297	-227	10.05	4.02	3	0.03	0.02	0.19	0.00	0.00	19.2
1I	272	--	--	-3694	-207	1127	87	-1013	-243	10.05	4.02	2	0.14	0.03	0.26	0.00	0.00	19.2
1J	272	--	--	-3694	445	1127	87	-1013	-231	10.05	4.02	2	0.14	0.03	0.269			



apost= 6.03 aant= 6.03 ainf= --      asup= --      (e arm. base= 4 X 2.01) staffe= 2 d 8 / 19.2

1A	362	--	--	-3072	-403	599	69	-1249	-612	10.05	4.02	2	0.21	0.02	0.17	0.00	0.00	12.8
1B	362	--	--	-3072	641	599	69	-1249	353	10.05	4.02	2	0.21	0.02	0.19	0.00	0.00	12.8
1C	362	--	--	-3072	-403	-114	69	-193	-612	10.05	4.02	3	0.03	0.01	0.15	0.00	0.00	12.8
1D	362	--	--	-3072	641	-114	69	-193	353	10.05	4.02	4	0.02	0.02	0.19	0.00	0.00	12.8
1E	362	--	--	-1402	-403	599	69	-1249	-612	10.05	4.02	2	0.26	0.02	0.17	0.00	0.00	12.8
1F	362	--	--	-1402	641	599	69	-1249	353	10.05	4.02	2	0.26	0.02	0.19	0.00	0.00	12.8
1G	362	--	--	-1402	-403	-114	69	-193	-612	10.05	4.02	3	0.04	0.01	0.15	0.00	0.00	12.8
1H	362	--	--	-1402	641	-114	69	-193	353	10.05	4.02	3	0.02	0.02	0.19	0.00	0.00	12.8
1I	362	--	--	-3314	-207	1127	87	-2034	-431	10.05	4.02	2	0.39	0.03	0.26	0.00	0.00	12.8
1J	362	--	--	-3314	445	1127	87	-2034	171	10.05	4.02	2	0.39	0.03	0.26	0.00	0.00	12.8
1K	362	--	--	-3314	-207	-642	87	592	-431	10.05	4.02	3	0.06	0.02	0.20	0.00	0.00	12.8
1L	362	--	--	-3314	445	-642	87	592	171	10.05	4.02	3	0.06	0.02	0.20	0.00	0.00	12.8
1M	362	--	--	-1160	-207	1127	87	-2034	-431	10.05	4.02	2	0.46	0.03	0.26	0.00	0.00	12.8
1N	362	--	--	-1160	445	1127	87	-2034	171	10.05	4.02	2	0.46	0.03	0.26	0.00	0.00	12.8
1O	362	--	--	-1160	-207	-642	87	592	-431	10.05	4.02	2	0.11	0.02	0.20	0.00	0.00	12.8
1P	362	--	--	-1160	445	-642	87	592	171	10.05	4.02	2	0.11	0.02	0.20	0.00	0.00	12.8
2	362	--	--	-3304	134	372	0	-1154	-285	10.05	4.02	2	0.18	0.01	0.05	0.00	0.00	12.8
7	362	--	--	-2583	94	292	0	-903	-228	10.05	4.02	2	0.14	0.01	0.04	0.00	0.00	12.8

apost= 6.03 aant= 6.03 ainf= --      asup= --      (e arm. base= 4 X 2.01) staffe= 2 d 8 / 9.1 n.spille lungo H: 1

Passo staffe nodo NON confinato      5.3 cm

ASTA NUM. 2      NI 2      NF 19      SEZ. Rp B= 30.0 H= 56.0 (pilastro)  
PIL. NUM. 2  
armatura base = 4 X 2.01      per le armature aggiuntive consultare il tabulato

NC	x	αMy	αMz	Fx	Fy	Fz	Mx	My	Mz	APOST/ AANT	AINF/ ASUP	campo	Indice	resistenza	aswta	aswto	PASSO	
	cm				kg			kg*m		cmq			Fx,M	Bielle	V,Mx	cmq/m	cm	
1A	0	--	--	-6258	-937	729	69	1610	2389	10.05	4.02	3	0.21	0.02	0.22	0.00	0.00	12.8
1B	0	--	--	-6258	1007	729	69	1610	-2515	10.05	4.02	3	0.22	0.02	0.23	0.00	0.00	12.8
1C	0	--	--	-6258	-937	135	69	-734	2389	10.05	4.02	3	0.14	0.02	0.22	0.00	0.00	12.8
1D	0	--	--	-6258	1007	135	69	-734	-2515	10.05	4.02	3	0.15	0.02	0.23	0.00	0.00	12.8
1E	0	--	--	-4954	-937	729	69	1610	2389	10.05	4.02	3	0.22	0.02	0.22	0.00	0.00	12.8
1F	0	--	--	-4954	1007	729	69	1610	-2515	10.05	4.02	3	0.23	0.02	0.23	0.00	0.00	12.8
1G	0	--	--	-4954	-937	135	69	-734	2389	10.05	4.02	3	0.15	0.02	0.22	0.00	0.00	12.8
1H	0	--	--	-4954	1007	135	69	-734	-2515	10.05	4.02	3	0.16	0.02	0.23	0.00	0.00	12.8
1I	0	--	--	-6765	-439	1292	87	2439	1115	10.05	4.02	2	0.39	0.03	0.27	0.00	0.00	12.8
1J	0	--	--	-6765	509	1292	87	2439	-1241	10.05	4.02	2	0.39	0.03	0.27	0.00	0.00	12.8
1K	0	--	--	-6765	-439	-429	87	-1458	1115	10.05	4.02	3	0.18	0.02	0.17	0.00	0.00	12.8
1L	0	--	--	-6765	509	-429	87	-1458	-1241	10.05	4.02	3	0.18	0.02	0.18	0.00	0.00	12.8
1M	0	--	--	-4447	-439	1292	87	2439	1115	10.05	4.02	2	0.46	0.03	0.28	0.00	0.00	12.8
1N	0	--	--	-4447	509	1292	87	2439	-1241	10.05	4.02	2	0.46	0.03	0.28	0.00	0.00	12.8
1O	0	--	--	-4447	-439	-429	87	-1458	1115	10.05	4.02	2	0.23	0.02	0.18	0.00	0.00	12.8
1P	0	--	--	-4447	509	-429	87	-1458	-1241	10.05	4.02	2	0.23	0.02	0.19	0.00	0.00	12.8
2	0	--	--	-8043	16	668	0	783	-230	10.05	4.02	4	0.06	0.01	0.08	0.00	0.00	12.8
7	0	--	--	-6259	4	526	0	619	191	10.05	4.02	3	0.05	0.01	0.06	0.00	0.00	12.8

apost= 6.03 aant= 6.03 ainf= --      asup= --      (e arm. base= 4 X 2.01) staffe= 2 d 8 / 9.1 n.spille lungo H: 1

1A	91	--	--	-5878	-937	729	69	369	1541	10.05	4.02	3	0.07	0.02	0.22	0.00	0.00	19.2
1B	91	--	--	-5878	1007	729	69	369	-1603	10.05	4.02	3	0.08	0.02	0.23	0.00	0.00	19.2
1C	91	--	--	-5878	-937	135	69	-368	1541	10.05	4.02	3	0.07	0.02	0.22	0.00	0.00	19.2
1D	91	--	--	-5878	1007	135	69	-368	-1603	10.05	4.02	3	0.08	0.02	0.23	0.00	0.00	19.2
1E	91	--	--	-4573	-937	729	69	369	1541	10.05	4.02	3	0.08	0.02	0.23	0.00	0.00	19.2
1F	91	--	--	-4573	1007	729	69	369	-1603	10.05	4.02	3	0.08	0.02	0.24	0.00	0.00	19.2
1G	91	--	--	-4573	-937	135	69	-368	1541	10.05	4.02	3	0.08	0.02	0.23	0.00	0.00	19.2
1H	91	--	--	-4573	1007	135	69	-368	-1603	10.05	4.02	3	0.08	0.02	0.24	0.00	0.00	19.2
1I	91	--	--	-6385	-439	1292	87	1070	717	10.05	4.02	3	0.11	0.03	0.27	0.00	0.00	19.2
1J	91	--	--	-6385	509	1292	87	1070	-780	10.05	4.02	3	0.11	0.03	0.27	0.00	0.00	19.2
1K	91	--	--	-6385	-439	-429	87	-1069	717	10.05	4.02	3	0.11	0.02	0.17	0.00	0.00	19.2
1L	91	--	--	-6385	509	-429	87	-1069	-780	10.05	4.02	3	0.11	0.02	0.18	0.00	0.00	19.2
1M	91	--	--	-4066	-439	1292	87	1070	717	10.05	4.02	3	0.15	0.03	0.28	0.00	0.00	19.2
1N	91	--	--	-4066	509	1292	87	1070	-780	10.05	4.02	3	0.15	0.03	0.28	0.00	0.00	19.2
1O	91	--	--	-4066	-439	-429	87	-1069	717	10.05	4.02	3	0.15	0.02	0.18	0.00	0.00	19.2
1P	91	--	--	-4066	509	-429	87	-1069	-780	10.05	4.02	3	0.15	0.02	0.19	0.00	0.00	19.2
2	91	--	--	-7549	16	668	0	169	220	10.05	4.02	4	0.03	0.01	0.08	0.00	0.00	19.2
7	91	--	--	-5879	4	526	0	135	184	10.05	4.02	4	0.02	0.01	0.06	0.00	0.00	19.2

apost= 6.03 aant= 6.03 ainf= --      asup= --      (e arm. base= 4 X 2.01) staffe= 2 d 8 / 19.2

1A	181	--	--	-5498	-937	729	69	-291	-693	10.05	4.02	4	0.04	0.02	0.22	0.00	0.00	19.2
1B	181	--	--	-5498	1007	729	69	-291	-691	10.05	4.02	4	0.04	0.02	0.23	0.00	0.00	19.2
1C	181	--	--	-5498	-937	135	69	-490	693	10.05	4.02	3	0.05	0.02	0.22	0.00	0.00	19.2
1D	181	--	--	-5498	1007	135	69	-490	-691	10.05	4.02	3	0.05	0.02	0.23	0.00	0.00	19.2
1E	181	--	--	-4193	-937	729	69	-291	693	10.05	4.02	3	0.04	0.02	0.23	0.00	0.00	19.2
1F	181	--	--	-4193	1007	729	69	-291	-691	10.05	4.02	3	0.04	0.02	0.24	0.00	0.00	19.2
1G	181	--	--	-4193	-937	135	69	-490	693	10.05	4.02	3	0.05	0.02	0.23	0.00	0.00	19.2
1H	181	--	--	-4193	1007	135	69	-490	-691	10.05	4.02	3	0.05	0.02	0.24	0.00	0.00	19.2
1I	181	--	--	-6005	-439	1292	87	-100	320	10.05	4.02	4	0.02	0.03	0.27	0.00	0.00	19.2
1J	181	--	--	-6005	509	1292	87	-100	-319	10.05	4.02	4	0.02	0.03	0.27	0.00	0.00	19.2
1K	181	--	--	-6005	-439	-429	87	-681	320	10.05	4.02	3	0.06	0.02	0.17	0.00	0.00	19.2
1L	181	--	--	-6005	509	-429	87	-681	-319	10.05	4.02	3	0.06	0.02	0.18	0.00	0.00	19.2
1M	181	--	--	-3686	-439	1292	87	-100	320	10.05	4.02	4	0.02	0.03	0.28	0.00	0.00	19.2
1N	181	--	--	-3686	509	1292	87	-100	-319	10.05	4.02	4	0.02	0.03	0.28	0.00	0.00	19.2
1O	181	--	--	-3686	-439	-429	87	-681	320	10.05	4.02	3	0.07	0.02	0.18	0.00	0.00	19.2
1P	181	--	--	-3686	509	-429	87	-681	-319	10.05	4.02	3	0.07	0.02	0.19	0.00	0.00	19.2
2	181	--	--	-7055	16	668	0	-728	220	10.05	4.02	3	0.06	0.01	0.08	0.00	0.00	19.2
7	181	--	--	-5499	4	526	0	-568	177	10.05	4.02	3	0.04	0.01	0.07	0.00	0.00	19.2

apost= 6.03 aant= 6.03 ainf= --      asup= --      (e arm. base= 4 X 2.01) staffe= 2 d 8 / 19.2

1A	272	--	--	-5118	-937	729	69	-951	-155	10.05	4.02	3	0.09	0.02	0.22	0.00	0.00	19.2
1B	272	--	--	-5118	1007	729	69	-951	220	10.05	4.02	3	0.09	0.02	0.23	0.00	0.00	19.2
1C	272	--	--	-5118	-937	135	69	-612	-155	10.05	4.02	3	0.05	0.02	0.22	0.00	0.00	19.2
1D	272	--	--	-5118	1007	135	69	-612	220	10.05	4.02	3	0.05	0.02	0.23	0.00	0.00	19.2

1E	272	--	--	-3813	-937	729	69	-951	-155	10.05	4.02	2	0.12	0.02	0.23	0.00	0.00	19.2
1F	272	--	--	-3813	1007	729	69	-951	220	10.05	4.02	2	0.12	0.02	0.24	0.00	0.00	19.2
1G	272	--	--	-3813	-937	135	69	-612	-155	10.05	4.02	3	0.05	0.02	0.23	0.00	0.00	19.2
1H	272	--	--	-3813	1007	135	69	-612	220	10.05	4.02	3	0.06	0.02	0.24	0.00	0.00	19.2
1I	272	--	--	-5625	-439	1292	87	-1270	-77	10.05	4.02	2	0.15	0.03	0.27	0.00	0.00	19.2
1J	272	--	--	-5625	509	1292	87	-1270	142	10.05	4.02	2	0.15	0.03	0.27	0.00	0.00	19.2
1K	272	--	--	-5625	-439	-429	87	-293	-77	10.05	4.02	4	0.03	0.02	0.17	0.00	0.00	19.2
1L	272	--	--	-5625	509	-429	87	-293	142	10.05	4.02	4	0.03	0.02	0.19	0.00	0.00	19.2
1M	272	--	--	-3306	-439	1292	87	-1270	-77	10.05	4.02	2	0.21	0.03	0.28	0.00	0.00	19.2
1N	272	--	--	-3306	509	1292	87	-1270	142	10.05	4.02	2	0.21	0.03	0.28	0.00	0.00	19.2
1O	272	--	--	-3306	-439	-429	87	-293	-77	10.05	4.02	4	0.02	0.02	0.18	0.00	0.00	19.2
1P	272	--	--	-3306	509	-429	87	-293	142	10.05	4.02	4	0.02	0.02	0.19	0.00	0.00	19.2
2	272	--	--	-6561	16	668	0	-1323	221	10.05	4.02	3	0.14	0.01	0.08	0.00	0.00	19.2
7	272	--	--	-5118	4	526	0	-1036	170	10.05	4.02	3	0.11	0.01	0.07	0.00	0.00	19.2

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01) staffe= 2 d 8 / 19.2

1A	362	--	--	-4737	-937	729	69	-1610	-1003	10.05	4.02	2	0.25	0.02	0.23	0.00	0.00	12.8
1B	362	--	--	-4737	1007	729	69	-1610	1132	10.05	4.02	2	0.25	0.02	0.24	0.00	0.00	12.8
1C	362	--	--	-4737	-937	135	69	-734	-1003	10.05	4.02	3	0.08	0.02	0.23	0.00	0.00	12.8
1D	362	--	--	-4737	1007	135	69	-734	1132	10.05	4.02	3	0.08	0.02	0.24	0.00	0.00	12.8
1E	362	--	--	-3433	-937	729	69	-1610	-1003	10.05	4.02	2	0.29	0.02	0.23	0.00	0.00	12.8
1F	362	--	--	-3433	1007	729	69	-1610	1132	10.05	4.02	2	0.29	0.02	0.24	0.00	0.00	12.8
1G	362	--	--	-3433	-937	135	69	-734	-1003	10.05	4.02	3	0.09	0.02	0.23	0.00	0.00	12.8
1H	362	--	--	-3433	1007	135	69	-734	1132	10.05	4.02	3	0.09	0.02	0.24	0.00	0.00	12.8
1I	362	--	--	-5244	-439	1292	87	-2439	-475	10.05	4.02	2	0.43	0.03	0.27	0.00	0.00	12.8
1J	362	--	--	-5244	509	1292	87	-2439	603	10.05	4.02	2	0.43	0.03	0.27	0.00	0.00	12.8
1K	362	--	--	-5244	-439	-429	87	95	-475	10.05	4.02	4	0.03	0.02	0.18	0.00	0.00	12.8
1L	362	--	--	-5244	509	-429	87	95	603	10.05	4.02	4	0.03	0.02	0.19	0.00	0.00	12.8
1M	362	--	--	-2926	-439	1292	87	-2439	-475	10.05	4.02	2	0.50	0.03	0.28	0.00	0.00	12.8
1N	362	--	--	-2926	509	1292	87	-2439	603	10.05	4.02	2	0.50	0.03	0.28	0.00	0.00	12.8
1O	362	--	--	-2926	-439	-429	87	95	-475	10.05	4.02	3	0.02	0.02	0.18	0.00	0.00	12.8
1P	362	--	--	-2926	509	-429	87	95	603	10.05	4.02	3	0.03	0.02	0.19	0.00	0.00	12.8
2	362	--	--	-6067	16	668	0	-1918	221	10.05	4.02	2	0.28	0.01	0.08	0.00	0.00	12.8
7	362	--	--	-4738	4	526	0	-1505	163	10.05	4.02	2	0.22	0.01	0.07	0.00	0.00	12.8

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01) staffe= 2 d 8 / 9.1 n.spille lungo H: 1

Passo staffe nodo NON confinato 5.3 cm

**ASTA NUM. 3** NI 3 NF 18 SEZ. Rp B= 30.0 H= 56.0 (pilastro)  
**PIL. NUM. 3**  
armatura base = 4 X 2.01 per le armature aggiuntive consultare il tabulato

NC	x	αMy	αMz	Fx	Fy	Fz	Mx	My	Mz	APOST/ AANT	AINF/ ASUP	campo	Indice	resistenza	aswta	aswto	PASSO	
	cm				kg			kg*m		cmq			Fx,M	Bielle	V,Mx	cmq/m	cm	
1A	0	--	--	-5851	-1120	683	69	1554	2836	10.05	4.02	3	0.23	0.03	0.25	0.00	0.00	12.8
1B	0	--	--	-5851	1121	683	69	1554	-2836	10.05	4.02	3	0.23	0.03	0.25	0.00	0.00	12.8
1C	0	--	--	-5851	-1120	202	69	-844	2836	10.05	4.02	3	0.18	0.03	0.25	0.00	0.00	12.8
1D	0	--	--	-5851	1121	202	69	-844	-2836	10.05	4.02	3	0.18	0.03	0.25	0.00	0.00	12.8
1E	0	--	--	-5249	-1120	683	69	1554	2836	10.05	4.02	3	0.23	0.03	0.25	0.00	0.00	12.8
1F	0	--	--	-5249	1121	683	69	1554	-2836	10.05	4.02	3	0.23	0.03	0.25	0.00	0.00	12.8
1G	0	--	--	-5249	-1120	202	69	-844	2836	10.05	4.02	3	0.18	0.03	0.25	0.00	0.00	12.8
1H	0	--	--	-5249	1121	202	69	-844	-2836	10.05	4.02	3	0.18	0.03	0.25	0.00	0.00	12.8
1I	0	--	--	-6554	-486	1246	87	2381	1214	10.05	4.02	2	0.38	0.03	0.26	0.00	0.00	12.8
1J	0	--	--	-6554	486	1246	87	2381	-1214	10.05	4.02	2	0.38	0.03	0.26	0.00	0.00	12.8
1K	0	--	--	-6554	-486	-361	87	-1322	1214	10.05	4.02	3	0.16	0.02	0.18	0.00	0.00	12.8
1L	0	--	--	-6554	486	-361	87	-1322	-1214	10.05	4.02	3	0.16	0.02	0.18	0.00	0.00	12.8
1M	0	--	--	-4546	-486	1246	87	2381	1214	10.05	4.02	2	0.44	0.03	0.27	0.00	0.00	12.8
1N	0	--	--	-4546	486	1246	87	2381	-1214	10.05	4.02	2	0.44	0.03	0.27	0.00	0.00	12.8
1O	0	--	--	-4546	-486	-361	87	-1322	1214	10.05	4.02	3	0.20	0.02	0.18	0.00	0.00	12.8
1P	0	--	--	-4546	486	-361	87	-1322	-1214	10.05	4.02	3	0.20	0.02	0.18	0.00	0.00	12.8
2	0	--	--	-7970	0	686	0	801	223	10.05	4.02	3	0.06	0.01	0.08	0.00	0.00	12.8
7	0	--	--	-6203	0	539	0	633	174	10.05	4.02	3	0.05	0.01	0.07	0.00	0.00	12.8

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01) staffe= 2 d 8 / 9.1 n.spille lungo H: 1

1A	91	--	--	-5471	-1120	683	69	302	1822	10.05	4.02	3	0.09	0.03	0.25	0.00	0.00	19.2
1B	91	--	--	-5471	1121	683	69	302	-1822	10.05	4.02	3	0.09	0.03	0.25	0.00	0.00	19.2
1C	91	--	--	-5471	-1120	202	69	-297	1822	10.05	4.02	3	0.09	0.03	0.25	0.00	0.00	19.2
1D	91	--	--	-5471	1121	202	69	-297	-1822	10.05	4.02	3	0.09	0.03	0.25	0.00	0.00	19.2
1E	91	--	--	-4869	-1120	683	69	302	1822	10.05	4.02	3	0.09	0.03	0.25	0.00	0.00	19.2
1F	91	--	--	-4869	1121	683	69	302	-1822	10.05	4.02	3	0.09	0.03	0.25	0.00	0.00	19.2
1G	91	--	--	-4869	-1120	202	69	-297	1822	10.05	4.02	3	0.09	0.03	0.25	0.00	0.00	19.2
1H	91	--	--	-4869	1121	202	69	-297	-1822	10.05	4.02	3	0.09	0.03	0.25	0.00	0.00	19.2
1I	91	--	--	-6174	-486	1246	87	1000	773	10.05	4.02	3	0.10	0.03	0.27	0.00	0.00	19.2
1J	91	--	--	-6174	486	1246	87	1000	-773	10.05	4.02	3	0.10	0.03	0.27	0.00	0.00	19.2
1K	91	--	--	-6174	-486	-361	87	-996	773	10.05	4.02	3	0.10	0.02	0.18	0.00	0.00	19.2
1L	91	--	--	-6174	486	-361	87	-996	-773	10.05	4.02	3	0.10	0.02	0.18	0.00	0.00	19.2
1M	91	--	--	-4166	-486	1246	87	1000	773	10.05	4.02	3	0.13	0.03	0.27	0.00	0.00	19.2
1N	91	--	--	-4166	486	1246	87	1000	-773	10.05	4.02	3	0.13	0.03	0.27	0.00	0.00	19.2
1O	91	--	--	-4166	-486	-361	87	-996	773	10.05	4.02	3	0.13	0.02	0.18	0.00	0.00	19.2
1P	91	--	--	-4166	486	-361	87	-996	-773	10.05	4.02	3	0.13	0.02	0.18	0.00	0.00	19.2
2	91	--	--	-7476	0	686	0	170	209	10.05	4.02	4	0.03	0.01	0.08	0.00	0.00	19.2
7	91	--	--	-5823	0	539	0	137	163	10.05	4.02	4	0.02	0.01	0.06	0.00	0.00	19.2

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01) staffe= 2 d 8 / 19.2

1A	181	--	--	-5091	-1120	683	69	-317	807	10.05	4.02	3	0.04	0.03	0.25	0.00	0.00	19.2
1B	181	--	--	-5091	1121	683	69	-317	-807	10.05	4.02	3	0.04	0.03	0.25	0.00	0.00	19.2
1C	181	--	--	-5091	-1120	202	69	-480	807	10.05	4.02	3	0.05	0.03	0.25	0.00	0.00	19.2
1D	181	--	--	-5091	1121	202	69	-480	-807	10.05	4.02	3	0.05	0.03	0.25	0.00	0.00	19.2
1E	181	--	--	-4489	-1120	683	69	-317	807	10.05	4.02	3	0.04	0.03	0.25	0.00	0.00	19.2
1F	181	--	--	-4489	1121	683	69	-317	-807	10.05	4.02	3	0.04	0.03	0.25	0.00	0.00	19.2
1G	181	--	--	-4489	-1120	202	69	-480	807	10.05	4.02	3	0.05	0.03	0.25	0.00	0.00	19.2
1H	181	--	--	-4489	1121	202	69	-480	-807	10.05	4.02	3	0.05	0.03	0.25	0.00	0.00	19.2
1I	181	--	--	-5794	-486	1246	87	-127	333	10.05	4.02	4	0.02	0.03	0.27	0.00	0.00	19.2
1J	181	--	--	-5794	486	1246	87	-127	-333	10.05	4.02	4	0.02	0.03	0.27	0.00	0.00	19.2

1K	181	--	--	-5794	-486	-361	87	-670	333	10.05	4.02	3	0.06	0.02	0.18	0.00	0.00	19.2
1L	181	--	--	-5794	486	-361	87	-670	-333	10.05	4.02	3	0.06	0.02	0.18	0.00	0.00	19.2
1M	181	--	--	-3786	-486	1246	87	-127	333	10.05	4.02	4	0.02	0.03	0.27	0.00	0.00	19.2
1N	181	--	--	-3786	486	1246	87	-127	-333	10.05	4.02	4	0.02	0.03	0.27	0.00	0.00	19.2
1O	181	--	--	-3786	-486	-361	87	-670	333	10.05	4.02	3	0.07	0.02	0.18	0.00	0.00	19.2
1P	181	--	--	-3786	486	-361	87	-670	-333	10.05	4.02	3	0.07	0.02	0.18	0.00	0.00	19.2
2	181	--	--	-6982	0	686	0	-739	195	10.05	4.02	3	0.06	0.01	0.08	0.00	0.00	19.2
7	181	--	--	-5443	0	539	0	-576	152	10.05	4.02	3	0.04	0.01	0.07	0.00	0.00	19.2

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01) staffe= 2 d 8 / 19.2

1A	272	--	--	-4711	-1120	683	69	-935	-207	10.05	4.02	3	0.10	0.03	0.25	0.00	0.00	19.2
1B	272	--	--	-4711	1121	683	69	-935	207	10.05	4.02	3	0.10	0.03	0.25	0.00	0.00	19.2
1C	272	--	--	-4711	-1120	202	69	-662	-207	10.05	4.02	3	0.05	0.03	0.25	0.00	0.00	19.2
1D	272	--	--	-4711	1121	202	69	-662	207	10.05	4.02	3	0.05	0.03	0.25	0.00	0.00	19.2
1E	272	--	--	-4109	-1120	683	69	-935	-207	10.05	4.02	2	0.11	0.03	0.25	0.00	0.00	19.2
1F	272	--	--	-4109	1121	683	69	-935	207	10.05	4.02	2	0.11	0.03	0.25	0.00	0.00	19.2
1G	272	--	--	-4109	-1120	202	69	-662	-207	10.05	4.02	3	0.06	0.03	0.25	0.00	0.00	19.2
1H	272	--	--	-4109	1121	202	69	-662	207	10.05	4.02	3	0.06	0.03	0.25	0.00	0.00	19.2
1I	272	--	--	-5414	-486	1246	87	-1254	-107	10.05	4.02	2	0.15	0.03	0.27	0.00	0.00	19.2
1J	272	--	--	-5414	486	1246	87	-1254	107	10.05	4.02	2	0.15	0.03	0.27	0.00	0.00	19.2
1K	272	--	--	-5414	-486	-361	87	-343	-107	10.05	4.02	4	0.03	0.02	0.18	0.00	0.00	19.2
1L	272	--	--	-5414	486	-361	87	-343	107	10.05	4.02	4	0.03	0.02	0.18	0.00	0.00	19.2
1M	272	--	--	-3406	-486	1246	87	-1254	-107	10.05	4.02	2	0.20	0.03	0.27	0.00	0.00	19.2
1N	272	--	--	-3406	486	1246	87	-1254	107	10.05	4.02	2	0.20	0.03	0.27	0.00	0.00	19.2
1O	272	--	--	-3406	-486	-361	87	-343	-107	10.05	4.02	3	0.03	0.02	0.19	0.00	0.00	19.2
1P	272	--	--	-3406	486	-361	87	-343	107	10.05	4.02	3	0.03	0.02	0.19	0.00	0.00	19.2
2	272	--	--	-6488	0	686	0	-1350	182	10.05	4.02	2	0.14	0.01	0.08	0.00	0.00	19.2
7	272	--	--	-5063	0	539	0	-1057	142	10.05	4.02	2	0.11	0.01	0.07	0.00	0.00	19.2

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01) staffe= 2 d 8 / 19.2

1A	362	--	--	-4331	-1120	683	69	-1554	-1221	10.05	4.02	2	0.25	0.03	0.25	0.00	0.00	12.8
1B	362	--	--	-4331	1121	683	69	-1554	1221	10.05	4.02	2	0.25	0.03	0.25	0.00	0.00	12.8
1C	362	--	--	-4331	-1120	202	69	-844	-1221	10.05	4.02	3	0.10	0.03	0.25	0.00	0.00	12.8
1D	362	--	--	-4331	1121	202	69	-844	1221	10.05	4.02	3	0.10	0.03	0.25	0.00	0.00	12.8
1E	362	--	--	-3729	-1120	683	69	-1554	-1221	10.05	4.02	2	0.27	0.03	0.26	0.00	0.00	12.8
1F	362	--	--	-3729	1121	683	69	-1554	1221	10.05	4.02	2	0.27	0.03	0.26	0.00	0.00	12.8
1G	362	--	--	-3729	-1120	202	69	-844	-1221	10.05	4.02	3	0.11	0.03	0.26	0.00	0.00	12.8
1H	362	--	--	-3729	1121	202	69	-844	1221	10.05	4.02	3	0.11	0.03	0.26	0.00	0.00	12.8
1I	362	--	--	-5034	-486	1246	87	-2381	-547	10.05	4.02	2	0.42	0.03	0.27	0.00	0.00	12.8
1J	362	--	--	-5034	486	1246	87	-2381	547	10.05	4.02	2	0.42	0.03	0.27	0.00	0.00	12.8
1K	362	--	--	-5034	-486	-361	87	-17	-547	10.05	4.02	4	0.03	0.02	0.18	0.00	0.00	12.8
1L	362	--	--	-5034	486	-361	87	-17	547	10.05	4.02	4	0.03	0.02	0.18	0.00	0.00	12.8
1M	362	--	--	-3026	-486	1246	87	-2381	-547	10.05	4.02	2	0.48	0.03	0.27	0.00	0.00	12.8
1N	362	--	--	-3026	486	1246	87	-2381	547	10.05	4.02	2	0.48	0.03	0.27	0.00	0.00	12.8
1O	362	--	--	-3026	-486	-361	87	-17	-547	10.05	4.02	4	0.02	0.02	0.19	0.00	0.00	12.8
1P	362	--	--	-3026	486	-361	87	-17	547	10.05	4.02	4	0.02	0.02	0.19	0.00	0.00	12.8
2	362	--	--	-5994	0	686	0	-1961	168	10.05	4.02	2	0.30	0.01	0.08	0.00	0.00	12.8
7	362	--	--	-4683	0	539	0	-1538	131	10.05	4.02	2	0.23	0.01	0.07	0.00	0.00	12.8

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01) staffe= 2 d 8 / 9.1 n.spille lungo H: 1

Passo staffe nodo NON confinato 5.3 cm

**ASTA NUM. 4** NI 4 NF 17 SEZ. Rp B= 30.0 H= 56.0 (pilastro)  
**PIL. NUM. 4**  
armatura base = 4 X 2.01 per le armature aggiuntive consultare il tabulato

NC	x	αMy	αMz	Fx	Fy	Fz	Mx	My	Mz	APOST/ AANT	AINF/ ASUP	campo	Indice	resistenza	aswta	aswto	PASSO	
	--																	
	cm				kg			kg*m		cmq			Fx,M	Bielle	V,Mx	cmq/m	cm	
1A	0	--	--	-6258	-1007	729	69	1610	2515	10.05	4.02	3	0.22	0.02	0.23	0.00	0.00	12.8
1B	0	--	--	-6258	937	729	69	1610	-2389	10.05	4.02	3	0.21	0.02	0.22	0.00	0.00	12.8
1C	0	--	--	-6258	-1007	135	69	-734	2515	10.05	4.02	3	0.15	0.02	0.23	0.00	0.00	12.8
1D	0	--	--	-6258	937	135	69	-734	-2389	10.05	4.02	3	0.14	0.02	0.22	0.00	0.00	12.8
1E	0	--	--	-4954	-1007	729	69	1610	2515	10.05	4.02	3	0.23	0.02	0.23	0.00	0.00	12.8
1F	0	--	--	-4954	937	729	69	1610	-2389	10.05	4.02	3	0.22	0.02	0.22	0.00	0.00	12.8
1G	0	--	--	-4954	-1007	135	69	-734	2515	10.05	4.02	3	0.16	0.02	0.23	0.00	0.00	12.8
1H	0	--	--	-4954	937	135	69	-734	-2389	10.05	4.02	3	0.15	0.02	0.22	0.00	0.00	12.8
1I	0	--	--	-6765	-509	1292	87	2439	1241	10.05	4.02	2	0.39	0.03	0.27	0.00	0.00	12.8
1J	0	--	--	-6765	439	1292	87	2439	-1115	10.05	4.02	2	0.39	0.03	0.27	0.00	0.00	12.8
1K	0	--	--	-6765	-509	-429	87	-1458	1241	10.05	4.02	3	0.18	0.02	0.18	0.00	0.00	12.8
1L	0	--	--	-6765	439	-429	87	-1458	-1115	10.05	4.02	3	0.18	0.02	0.17	0.00	0.00	12.8
1M	0	--	--	-4447	-509	1292	87	2439	1241	10.05	4.02	2	0.46	0.03	0.28	0.00	0.00	12.8
1N	0	--	--	-4447	439	1292	87	2439	-1115	10.05	4.02	2	0.46	0.03	0.28	0.00	0.00	12.8
1O	0	--	--	-4447	-509	-429	87	-1458	1241	10.05	4.02	2	0.23	0.02	0.19	0.00	0.00	12.8
1P	0	--	--	-4447	439	-429	87	-1458	-1115	10.05	4.02	2	0.23	0.02	0.18	0.00	0.00	12.8
2	0	--	--	-8043	-16	668	0	783	230	10.05	4.02	4	0.06	0.01	0.08	0.00	0.00	12.8
7	0	--	--	-6259	-4	526	0	619	-191	10.05	4.02	3	0.05	0.01	0.06	0.00	0.00	12.8

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01) staffe= 2 d 8 / 9.1 n.spille lungo H: 1

1A	91	--	--	-5878	-1007	729	69	369	1603	10.05	4.02	3	0.08	0.02	0.23	0.00	0.00	19.2
1B	91	--	--	-5878	937	729	69	369	-1541	10.05	4.02	3	0.07	0.02	0.22	0.00	0.00	19.2
1C	91	--	--	-5878	-1007	135	69	-368	1603	10.05	4.02	3	0.08	0.02	0.23	0.00	0.00	19.2
1D	91	--	--	-5878	937	135	69	-368	-1541	10.05	4.02	3	0.07	0.02	0.22	0.00	0.00	19.2
1E	91	--	--	-4573	-1007	729	69	369	1603	10.05	4.02	3	0.08	0.02	0.24	0.00	0.00	19.2
1F	91	--	--	-4573	937	729	69	369	-1541	10.05	4.02	3	0.08	0.02	0.23	0.00	0.00	19.2
1G	91	--	--	-4573	-1007	135	69	-368	1603	10.05	4.02	3	0.08	0.02	0.24	0.00	0.00	19.2
1H	91	--	--	-4573	937	135	69	-368	-1541	10.05	4.02	3	0.08	0.02	0.23	0.00	0.00	19.2
1I	91	--	--	-6385	-509	1292	87	1070	780	10.05	4.02	3	0.11	0.03	0.27	0.00	0.00	19.2
1J	91	--	--	-6385	439	1292	87	1070	-717	10.05	4.02	3	0.11	0.03	0.27	0.00	0.00	19.2
1K	91	--	--	-6385	-509	-429	87	-1069	780	10.05	4.02	3	0.11	0.02	0.18	0.00	0.00	19.2
1L	91	--	--	-6385	439	-429	87	-1069	-717	10.05	4.02	3	0.11	0.02	0.17	0.00	0.00	19.2
1M	91	--	--	-4066	-509	1292	87	1070	780	10.05	4.02	3	0.15	0.03	0.28	0.00	0.00	19.2
1N	91	--	--	-4066	439	1292	87	1070	-717	10.05	4.02	3	0.15	0.03	0.28	0.00	0.00	19.2
1O	91	--	--	-4066	-509	-429	87	-1069	780	10.05	4.02	3	0.15	0.02	0.19	0.00	0.00	19.2
1P	91	--	--	-4066	439	-429	87	-1069	-717	10.05	4.02	3	0.15	0.02	0.18	0.00	0.00	19.2

2	91	--	--	-7549	-16	668	0	169	-220	10.05	4.02	4	0.03	0.01	0.08	0.00	0.00	19.2
7	91	--	--	-5879	-4	526	0	135	-184	10.05	4.02	4	0.02	0.01	0.06	0.00	0.00	19.2
apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01) staffe= 2 d 8 / 19.2																		
1A	181	--	--	-5498	-1007	729	69	-291	691	10.05	4.02	4	0.04	0.02	0.23	0.00	0.00	19.2
1B	181	--	--	-5498	937	729	69	-291	-693	10.05	4.02	4	0.04	0.02	0.22	0.00	0.00	19.2
1C	181	--	--	-5498	-1007	135	69	-490	691	10.05	4.02	3	0.05	0.02	0.23	0.00	0.00	19.2
1D	181	--	--	-5498	937	135	69	-490	-693	10.05	4.02	3	0.05	0.02	0.22	0.00	0.00	19.2
1E	181	--	--	-4193	-1007	729	69	-291	691	10.05	4.02	3	0.04	0.02	0.24	0.00	0.00	19.2
1F	181	--	--	-4193	937	729	69	-291	-693	10.05	4.02	3	0.04	0.02	0.23	0.00	0.00	19.2
1G	181	--	--	-4193	-1007	135	69	-490	691	10.05	4.02	3	0.05	0.02	0.24	0.00	0.00	19.2
1H	181	--	--	-4193	937	135	69	-490	-693	10.05	4.02	3	0.05	0.02	0.23	0.00	0.00	19.2
1I	181	--	--	-6005	-509	1292	87	-100	319	10.05	4.02	4	0.02	0.03	0.27	0.00	0.00	19.2
1J	181	--	--	-6005	439	1292	87	-100	-320	10.05	4.02	4	0.02	0.03	0.27	0.00	0.00	19.2
1K	181	--	--	-6005	-509	-429	87	-681	319	10.05	4.02	3	0.06	0.02	0.18	0.00	0.00	19.2
1L	181	--	--	-6005	439	-429	87	-681	-320	10.05	4.02	3	0.06	0.02	0.17	0.00	0.00	19.2
1M	181	--	--	-3686	-509	1292	87	-100	319	10.05	4.02	4	0.02	0.03	0.28	0.00	0.00	19.2
1N	181	--	--	-3686	439	1292	87	-100	-320	10.05	4.02	4	0.02	0.03	0.28	0.00	0.00	19.2
1O	181	--	--	-3686	-509	-429	87	-681	319	10.05	4.02	3	0.07	0.02	0.19	0.00	0.00	19.2
1P	181	--	--	-3686	439	-429	87	-681	-320	10.05	4.02	3	0.07	0.02	0.18	0.00	0.00	19.2
2	181	--	--	-7055	-16	668	0	-728	-220	10.05	4.02	3	0.06	0.01	0.08	0.00	0.00	19.2
7	181	--	--	-5499	-4	526	0	-568	-177	10.05	4.02	3	0.04	0.01	0.07	0.00	0.00	19.2

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01) staffe= 2 d 8 / 19.2																		
1A	272	--	--	-5118	-1007	729	69	-951	-220	10.05	4.02	3	0.09	0.02	0.23	0.00	0.00	19.2
1B	272	--	--	-5118	937	729	69	-951	155	10.05	4.02	3	0.09	0.02	0.22	0.00	0.00	19.2
1C	272	--	--	-5118	-1007	135	69	-612	-220	10.05	4.02	3	0.05	0.02	0.23	0.00	0.00	19.2
1D	272	--	--	-5118	937	135	69	-612	155	10.05	4.02	3	0.05	0.02	0.22	0.00	0.00	19.2
1E	272	--	--	-3813	-1007	729	69	-951	-220	10.05	4.02	2	0.12	0.02	0.24	0.00	0.00	19.2
1F	272	--	--	-3813	937	729	69	-951	155	10.05	4.02	2	0.12	0.02	0.23	0.00	0.00	19.2
1G	272	--	--	-3813	-1007	135	69	-612	-220	10.05	4.02	3	0.06	0.02	0.24	0.00	0.00	19.2
1H	272	--	--	-3813	937	135	69	-612	155	10.05	4.02	3	0.05	0.02	0.23	0.00	0.00	19.2
1I	272	--	--	-5625	-509	1292	87	-1270	-142	10.05	4.02	2	0.15	0.03	0.27	0.00	0.00	19.2
1J	272	--	--	-5625	439	1292	87	-1270	77	10.05	4.02	2	0.15	0.03	0.27	0.00	0.00	19.2
1K	272	--	--	-5625	-509	-429	87	-293	-142	10.05	4.02	4	0.03	0.02	0.19	0.00	0.00	19.2
1L	272	--	--	-5625	439	-429	87	-293	77	10.05	4.02	4	0.03	0.02	0.17	0.00	0.00	19.2
1M	272	--	--	-3306	-509	1292	87	-1270	-142	10.05	4.02	2	0.21	0.03	0.28	0.00	0.00	19.2
1N	272	--	--	-3306	439	1292	87	-1270	77	10.05	4.02	2	0.21	0.03	0.28	0.00	0.00	19.2
1O	272	--	--	-3306	-509	-429	87	-293	-142	10.05	4.02	4	0.02	0.02	0.19	0.00	0.00	19.2
1P	272	--	--	-3306	439	-429	87	-293	77	10.05	4.02	4	0.02	0.02	0.18	0.00	0.00	19.2
2	272	--	--	-6561	-16	668	0	-1323	-221	10.05	4.02	3	0.14	0.01	0.08	0.00	0.00	19.2
7	272	--	--	-5118	-4	526	0	-1036	-170	10.05	4.02	3	0.11	0.01	0.07	0.00	0.00	19.2

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01) staffe= 2 d 8 / 19.2																		
1A	362	--	--	-4737	-1007	729	69	-1610	-1132	10.05	4.02	2	0.25	0.02	0.24	0.00	0.00	12.8
1B	362	--	--	-4737	937	729	69	-1610	1003	10.05	4.02	2	0.25	0.02	0.23	0.00	0.00	12.8
1C	362	--	--	-4737	-1007	135	69	-734	-1132	10.05	4.02	3	0.08	0.02	0.24	0.00	0.00	12.8
1D	362	--	--	-4737	937	135	69	-734	1003	10.05	4.02	3	0.08	0.02	0.23	0.00	0.00	12.8
1E	362	--	--	-3433	-1007	729	69	-1610	-1132	10.05	4.02	2	0.29	0.02	0.24	0.00	0.00	12.8
1F	362	--	--	-3433	937	729	69	-1610	1003	10.05	4.02	2	0.29	0.02	0.23	0.00	0.00	12.8
1G	362	--	--	-3433	-1007	135	69	-734	-1132	10.05	4.02	3	0.09	0.02	0.24	0.00	0.00	12.8
1H	362	--	--	-3433	937	135	69	-734	1003	10.05	4.02	3	0.09	0.02	0.23	0.00	0.00	12.8
1I	362	--	--	-5244	-509	1292	87	-2439	-603	10.05	4.02	2	0.43	0.03	0.27	0.00	0.00	12.8
1J	362	--	--	-5244	439	1292	87	-2439	475	10.05	4.02	2	0.43	0.03	0.27	0.00	0.00	12.8
1K	362	--	--	-5244	-509	-429	87	95	-603	10.05	4.02	4	0.03	0.02	0.19	0.00	0.00	12.8
1L	362	--	--	-5244	439	-429	87	95	475	10.05	4.02	4	0.03	0.02	0.18	0.00	0.00	12.8
1M	362	--	--	-2926	-509	1292	87	-2439	-603	10.05	4.02	2	0.50	0.03	0.28	0.00	0.00	12.8
1N	362	--	--	-2926	439	1292	87	-2439	475	10.05	4.02	2	0.50	0.03	0.28	0.00	0.00	12.8
1O	362	--	--	-2926	-509	-429	87	95	-603	10.05	4.02	3	0.03	0.02	0.19	0.00	0.00	12.8
1P	362	--	--	-2926	439	-429	87	95	475	10.05	4.02	3	0.02	0.02	0.18	0.00	0.00	12.8
2	362	--	--	-6067	-16	668	0	-1918	-221	10.05	4.02	2	0.28	0.01	0.08	0.00	0.00	12.8
7	362	--	--	-4738	-4	526	0	-1505	-163	10.05	4.02	2	0.22	0.01	0.07	0.00	0.00	12.8

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01) staffe= 2 d 8 / 9.1 n.spille lungo H: 1

Passo staffe nodo NON confinato 5.3 cm

**ASTA NUM. 5** NI 5 NF 16 SEZ. Rp B= 30.0 H= 56.0 (pilastro)

**PIL. NUM. 5**

armatura base = 4 X 2.01 per le armature aggiuntive consultare il tabulato

NC	x	αMy	αMz	Fx	Fy	Fz	Mx	My	Mz	APOST/ AANT	AINF/ ASUP	campo	Indice	resistenza	aswta	aswto	PASSO	
	--																	
	cm				kg			kg*m		cmq			Fx,M	Bielle	V,Mx	cmq/m	cm	
1A	0	--	--	-4592	-641	599	69	1249	1967	10.05	4.02	3	0.17	0.02	0.18	0.00	0.00	12.8
1B	0	--	--	-4592	403	599	69	1249	-847	10.05	4.02	3	0.17	0.02	0.16	0.00	0.00	12.8
1C	0	--	--	-4592	-641	-114	69	-609	1967	10.05	4.02	3	0.12	0.02	0.18	0.00	0.00	12.8
1D	0	--	--	-4592	403	-114	69	-609	-847	10.05	4.02	3	0.06	0.01	0.15	0.00	0.00	12.8
1E	0	--	--	-2922	-641	599	69	1249	1967	10.05	4.02	3	0.18	0.02	0.19	0.00	0.00	12.8
1F	0	--	--	-2922	403	599	69	1249	-847	10.05	4.02	2	0.22	0.02	0.17	0.00	0.00	12.8
1G	0	--	--	-2922	-641	-114	69	-609	1967	10.05	4.02	3	0.14	0.02	0.19	0.00	0.00	12.8
1H	0	--	--	-2922	403	-114	69	-609	-847	10.05	4.02	3	0.07	0.01	0.15	0.00	0.00	12.8
1I	0	--	--	-4834	-445	1127	87	2048	1440	10.05	4.02	2	0.36	0.03	0.25	0.00	0.00	12.8
1J	0	--	--	-4834	207	1127	87	2048	-431	10.05	4.02	2	0.35	0.03	0.25	0.00	0.00	12.8
1K	0	--	--	-4834	-445	-642	87	-1734	1440	10.05	4.02	2	0.28	0.02	0.19	0.00	0.00	12.8
1L	0	--	--	-4834	207	-642	87	-1734	-431	10.05	4.02	2	0.28	0.02	0.19	0.00	0.00	12.8
1M	0	--	--	-2680	-445	1127	87	2048	1440	10.05	4.02	2	0.42	0.03	0.26	0.00	0.00	12.8
1N	0	--	--	-2680	207	1127	87	2048	-431	10.05	4.02	2	0.41	0.03	0.26	0.00	0.00	12.8
1O	0	--	--	-2680	-445	-642	87	-1734	1440	10.05	4.02	2	0.35	0.02	0.20	0.00	0.00	12.8
1P	0	--	--	-2680	207	-642	87	-1734	-431	10.05	4.02	2	0.34	0.02	0.20	0.00	0.00	12.8
2	0	--	--	-5281	-134	372	0	364	824	10.05	4.02	3	0.04	0.01	0.04	0.00	0.00	12.8
7	0	--	--	-4104	-94	292	0	288	610	10.05	4.02	3	0.03	0.01	0.04	0.00	0.00	12.8

1B	91	--	--	-4212	403	599	69	380	-482	10.05	4.02	3	0.04	0.02	0.16	0.00	0.00	19.2
1C	91	--	--	-4212	-641	-114	69	-505	1387	10.05	4.02	3	0.08	0.02	0.18	0.00	0.00	19.2
1D	91	--	--	-4212	403	-114	69	-505	-482	10.05	4.02	3	0.05	0.01	0.15	0.00	0.00	19.2
1E	91	--	--	-2542	-641	599	69	380	1387	10.05	4.02	3	0.09	0.02	0.19	0.00	0.00	19.2
1F	91	--	--	-2542	403	599	69	380	-482	10.05	4.02	3	0.04	0.02	0.16	0.00	0.00	19.2
1G	91	--	--	-2542	-641	-114	69	-505	1387	10.05	4.02	3	0.10	0.02	0.19	0.00	0.00	19.2
1H	91	--	--	-2542	403	-114	69	-505	-482	10.05	4.02	3	0.06	0.01	0.15	0.00	0.00	19.2
1I	91	--	--	-4454	-445	1127	87	1028	1037	10.05	4.02	3	0.11	0.03	0.25	0.00	0.00	19.2
1J	91	--	--	-4454	207	1127	87	1028	-132	10.05	4.02	2	0.12	0.03	0.25	0.00	0.00	19.2
1K	91	--	--	-4454	-445	-642	87	-1153	1037	10.05	4.02	3	0.16	0.02	0.19	0.00	0.00	19.2
1L	91	--	--	-4454	207	-642	87	-1153	-132	10.05	4.02	2	0.15	0.02	0.19	0.00	0.00	19.2
1M	91	--	--	-2300	-445	1127	87	1028	1037	10.05	4.02	3	0.13	0.03	0.25	0.00	0.00	19.2
1N	91	--	--	-2300	207	1127	87	1028	-132	10.05	4.02	2	0.18	0.03	0.26	0.00	0.00	19.2
1O	91	--	--	-2300	-445	-642	87	-1153	1037	10.05	4.02	2	0.22	0.02	0.20	0.00	0.00	19.2
1P	91	--	--	-2300	207	-642	87	-1153	-132	10.05	4.02	2	0.21	0.02	0.20	0.00	0.00	19.2
2	91	--	--	-4787	-134	372	0	-174	689	10.05	4.02	4	0.03	0.01	0.05	0.00	0.00	19.2
7	91	--	--	-3724	-94	292	0	-133	514	10.05	4.02	4	0.02	0.01	0.04	0.00	0.00	19.2

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01) staffe= 2 d 8 / 19.2

1A	181	--	--	-3832	-641	599	69	-163	807	10.05	4.02	3	0.04	0.02	0.18	0.00	0.00	19.2
1B	181	--	--	-3832	403	599	69	-163	-117	10.05	4.02	4	0.02	0.02	0.17	0.00	0.00	19.2
1C	181	--	--	-3832	-641	-114	69	-401	807	10.05	4.02	3	0.05	0.02	0.18	0.00	0.00	19.2
1D	181	--	--	-3832	403	-114	69	-401	-117	10.05	4.02	3	0.03	0.01	0.15	0.00	0.00	19.2
1E	181	--	--	-2162	-641	599	69	-163	807	10.05	4.02	3	0.04	0.02	0.19	0.00	0.00	19.2
1F	181	--	--	-2162	403	599	69	-163	-117	10.05	4.02	4	0.01	0.02	0.17	0.00	0.00	19.2
1G	181	--	--	-2162	-641	-114	69	-401	807	10.05	4.02	3	0.06	0.02	0.19	0.00	0.00	19.2
1H	181	--	--	-2162	403	-114	69	-401	-117	10.05	4.02	3	0.04	0.01	0.15	0.00	0.00	19.2
1I	181	--	--	-4074	-445	1127	87	7	634	10.05	4.02	4	0.02	0.03	0.25	0.00	0.00	19.2
1J	181	--	--	-4074	207	1127	87	7	55	10.05	4.02	6	0.01	0.03	0.26	0.00	0.00	19.2
1K	181	--	--	-4074	-445	-642	87	-571	634	10.05	4.02	3	0.05	0.02	0.19	0.00	0.00	19.2
1L	181	--	--	-4074	207	-642	87	-571	55	10.05	4.02	3	0.04	0.02	0.19	0.00	0.00	19.2
1M	181	--	--	-1920	-445	1127	87	7	634	10.05	4.02	3	0.03	0.03	0.25	0.00	0.00	19.2
1N	181	--	--	-1920	207	1127	87	7	55	10.05	4.02	6	0.01	0.03	0.26	0.00	0.00	19.2
1O	181	--	--	-1920	-445	-642	87	-571	634	10.05	4.02	3	0.07	0.02	0.20	0.00	0.00	19.2
1P	181	--	--	-1920	207	-642	87	-571	55	10.05	4.02	2	0.08	0.02	0.20	0.00	0.00	19.2
2	181	--	--	-4293	-134	372	0	-501	555	10.05	4.02	3	0.05	0.01	0.05	0.00	0.00	19.2
7	181	--	--	-3344	-94	292	0	-390	419	10.05	4.02	3	0.03	0.01	0.04	0.00	0.00	19.2

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01) staffe= 2 d 8 / 19.2

1A	272	--	--	-3452	-641	599	69	-706	227	10.05	4.02	3	0.08	0.02	0.18	0.00	0.00	19.2
1B	272	--	--	-3452	403	599	69	-706	247	10.05	4.02	3	0.08	0.02	0.17	0.00	0.00	19.2
1C	272	--	--	-3452	-641	-114	69	-297	227	10.05	4.02	3	0.03	0.02	0.18	0.00	0.00	19.2
1D	272	--	--	-3452	403	-114	69	-297	247	10.05	4.02	3	0.03	0.01	0.15	0.00	0.00	19.2
1E	272	--	--	-1782	-641	599	69	-706	227	10.05	4.02	2	0.12	0.02	0.19	0.00	0.00	19.2
1F	272	--	--	-1782	403	599	69	-706	247	10.05	4.02	2	0.12	0.02	0.17	0.00	0.00	19.2
1G	272	--	--	-1782	-641	-114	69	-297	227	10.05	4.02	3	0.03	0.02	0.19	0.00	0.00	19.2
1H	272	--	--	-1782	403	-114	69	-297	247	10.05	4.02	3	0.03	0.01	0.15	0.00	0.00	19.2
1I	272	--	--	-3694	-445	1127	87	-1013	231	10.05	4.02	2	0.14	0.03	0.26	0.00	0.00	19.2
1J	272	--	--	-3694	207	1127	87	-1013	243	10.05	4.02	2	0.14	0.03	0.26	0.00	0.00	19.2
1K	272	--	--	-3694	-445	-642	87	11	231	10.05	4.02	5	0.02	0.02	0.19	0.00	0.00	19.2
1L	272	--	--	-3694	207	-642	87	11	243	10.05	4.02	4	0.02	0.02	0.19	0.00	0.00	19.2
1M	272	--	--	-1540	-445	1127	87	-1013	231	10.05	4.02	2	0.20	0.03	0.26	0.00	0.00	19.2
1N	272	--	--	-1540	207	1127	87	-1013	243	10.05	4.02	2	0.20	0.03	0.26	0.00	0.00	19.2
1O	272	--	--	-1540	-445	-642	87	11	231	10.05	4.02	4	0.01	0.02	0.19	0.00	0.00	19.2
1P	272	--	--	-1540	207	-642	87	11	243	10.05	4.02	4	0.01	0.02	0.19	0.00	0.00	19.2
2	272	--	--	-3798	-134	372	0	-827	420	10.05	4.02	3	0.10	0.01	0.05	0.00	0.00	19.2
7	272	--	--	-2963	-94	292	0	-647	323	10.05	4.02	3	0.08	0.01	0.04	0.00	0.00	19.2

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01) staffe= 2 d 8 / 19.2

1A	362	--	--	-3072	-641	599	69	-1249	-353	10.05	4.02	2	0.21	0.02	0.19	0.00	0.00	12.8
1B	362	--	--	-3072	403	599	69	-1249	612	10.05	4.02	2	0.21	0.02	0.17	0.00	0.00	12.8
1C	362	--	--	-3072	-641	-114	69	-193	-353	10.05	4.02	4	0.02	0.02	0.19	0.00	0.00	12.8
1D	362	--	--	-3072	403	-114	69	-193	612	10.05	4.02	3	0.03	0.01	0.15	0.00	0.00	12.8
1E	362	--	--	-1402	-641	599	69	-1249	-353	10.05	4.02	2	0.26	0.02	0.19	0.00	0.00	12.8
1F	362	--	--	-1402	403	599	69	-1249	612	10.05	4.02	2	0.26	0.02	0.17	0.00	0.00	12.8
1G	362	--	--	-1402	-641	-114	69	-193	-353	10.05	4.02	3	0.02	0.02	0.19	0.00	0.00	12.8
1H	362	--	--	-1402	403	-114	69	-193	612	10.05	4.02	3	0.04	0.01	0.15	0.00	0.00	12.8
1I	362	--	--	-3314	-445	1127	87	-2034	-171	10.05	4.02	2	0.39	0.03	0.26	0.00	0.00	12.8
1J	362	--	--	-3314	207	1127	87	-2034	431	10.05	4.02	2	0.39	0.03	0.26	0.00	0.00	12.8
1K	362	--	--	-3314	-445	-642	87	592	-171	10.05	4.02	3	0.06	0.02	0.20	0.00	0.00	12.8
1L	362	--	--	-3314	207	-642	87	592	431	10.05	4.02	3	0.06	0.02	0.20	0.00	0.00	12.8
1M	362	--	--	-1160	-445	1127	87	-2034	-171	10.05	4.02	2	0.46	0.03	0.26	0.00	0.00	12.8
1N	362	--	--	-1160	207	1127	87	-2034	431	10.05	4.02	2	0.46	0.03	0.26	0.00	0.00	12.8
1O	362	--	--	-1160	-445	-642	87	592	-171	10.05	4.02	2	0.11	0.02	0.20	0.00	0.00	12.8
1P	362	--	--	-1160	207	-642	87	592	431	10.05	4.02	2	0.11	0.02	0.20	0.00	0.00	12.8
2	362	--	--	-3304	-134	372	0	-1154	285	10.05	4.02	2	0.18	0.01	0.05	0.00	0.00	12.8
7	362	--	--	-2583	-94	292	0	-903	228	10.05	4.02	2	0.14	0.01	0.04	0.00	0.00	12.8

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01) staffe= 2 d 8 / 9.1 n.spille lungo H: 1

Passo staffe nodo NON confinato 5.3 cm

ASTA NUM. 6 NI 6 NF 15 SEZ. Rp B= 30.0 H= 56.0 (pilastro)

PIL. NUM. 10

armatura base = 4 X 2.01 per le armature aggiuntive consultare il tabulato

NC	x	αMy	αMz	Fx	Fy	Fz	Mx	My	Mz	APOST/ AANT	AINF/ ASUP	campo	Indice	resistenza	aswta	aswto	PASSO	
	--			-----			-----											
	cm				kg			kg*m		cmq			Fx,M	Bielle	V,Mx	cmq/m	cm	
1A	0	--	--	-4592	-641	114	69	609	1967	10.05	4.02	3	0.12	0.02	0.18	0.00	0.00	12.8
1B	0	--	--	-4592	403	114	69	609	-847	10.05	4.02	3	0.06	0.01	0.15	0.00	0.00	12.8
1C	0	--	--	-4592	-641	-599	69	-1249	1967	10.05	4.02	3	0.17	0.02	0.18	0.00	0.00	12.8
1D	0	--	--	-4592	403	-599	69	-1249	-847	10.05	4.02	3	0.17	0.02	0.16	0.00	0.00	12.8
1E	0	--	--	-2922	-641	114	69	609	1967	10.05	4.02	3	0.14	0.02	0.19	0.00	0.00	12.8
1F	0	--	--	-2922	403	114	69	609	-847	10.05	4.02	3	0.07	0.01	0.15	0.00	0.00	12.8
1G	0	--	--	-2922	-641	-599	69	-1249	1967	10.05	4.02	3	0.18	0.02	0.19	0.00	0.00	12.8

1H	0	--	--	-2922	403	-599	69	-1249	-847	10.05	4.02	2	0.22	0.02	0.17	0.00	0.00	12.8
1I	0	--	--	-4834	-445	642	87	1734	1440	10.05	4.02	2	0.28	0.02	0.19	0.00	0.00	12.8
1J	0	--	--	-4834	207	642	87	1734	-431	10.05	4.02	2	0.28	0.02	0.19	0.00	0.00	12.8
1K	0	--	--	-4834	-445	-1127	87	-2048	1440	10.05	4.02	2	0.36	0.03	0.25	0.00	0.00	12.8
1L	0	--	--	-4834	207	-1127	87	-2048	-431	10.05	4.02	2	0.35	0.03	0.25	0.00	0.00	12.8
1M	0	--	--	-2680	-445	642	87	1734	1440	10.05	4.02	2	0.35	0.02	0.20	0.00	0.00	12.8
1N	0	--	--	-2680	207	642	87	1734	-431	10.05	4.02	2	0.34	0.02	0.20	0.00	0.00	12.8
1O	0	--	--	-2680	-445	-1127	87	-2048	1440	10.05	4.02	2	0.42	0.03	0.26	0.00	0.00	12.8
1P	0	--	--	-2680	207	-1127	87	-2048	-431	10.05	4.02	2	0.41	0.03	0.26	0.00	0.00	12.8
2	0	--	--	-5281	-134	-372	0	-364	824	10.05	4.02	3	0.04	0.01	0.05	0.00	0.00	12.8
7	0	--	--	-4104	-94	-292	0	-288	610	10.05	4.02	3	0.03	0.01	0.04	0.00	0.00	12.8

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01) staffe= 2 d 8 / 9.1 n.spille lungo H: 1

1A	91	--	--	-4212	-641	114	69	505	1387	10.05	4.02	3	0.08	0.02	0.18	0.00	0.00	19.2
1B	91	--	--	-4212	403	114	69	505	-482	10.05	4.02	3	0.05	0.01	0.15	0.00	0.00	19.2
1C	91	--	--	-4212	-641	-599	69	-380	1387	10.05	4.02	3	0.07	0.02	0.18	0.00	0.00	19.2
1D	91	--	--	-4212	403	-599	69	-380	-482	10.05	4.02	3	0.04	0.02	0.17	0.00	0.00	19.2
1E	91	--	--	-2542	-641	114	69	505	1387	10.05	4.02	3	0.10	0.02	0.19	0.00	0.00	19.2
1F	91	--	--	-2542	403	114	69	505	-482	10.05	4.02	3	0.06	0.01	0.15	0.00	0.00	19.2
1G	91	--	--	-2542	-641	-599	69	-380	1387	10.05	4.02	3	0.09	0.02	0.19	0.00	0.00	19.2
1H	91	--	--	-2542	403	-599	69	-380	-482	10.05	4.02	3	0.04	0.02	0.17	0.00	0.00	19.2
1I	91	--	--	-4454	-445	642	87	1153	1037	10.05	4.02	3	0.16	0.02	0.19	0.00	0.00	19.2
1J	91	--	--	-4454	207	642	87	1153	-132	10.05	4.02	2	0.15	0.02	0.19	0.00	0.00	19.2
1K	91	--	--	-4454	-445	-1127	87	-1028	1037	10.05	4.02	3	0.11	0.03	0.25	0.00	0.00	19.2
1L	91	--	--	-4454	207	-1127	87	-1028	-132	10.05	4.02	2	0.12	0.03	0.25	0.00	0.00	19.2
1M	91	--	--	-2300	-445	642	87	1153	1037	10.05	4.02	2	0.22	0.02	0.20	0.00	0.00	19.2
1N	91	--	--	-2300	207	642	87	1153	-132	10.05	4.02	2	0.21	0.02	0.20	0.00	0.00	19.2
1O	91	--	--	-2300	-445	-1127	87	-1028	1037	10.05	4.02	3	0.13	0.03	0.26	0.00	0.00	19.2
1P	91	--	--	-2300	207	-1127	87	-1028	-132	10.05	4.02	2	0.18	0.03	0.26	0.00	0.00	19.2
2	91	--	--	-4787	-134	-372	0	174	689	10.05	4.02	4	0.03	0.01	0.04	0.00	0.00	19.2
7	91	--	--	-3724	-94	-292	0	133	514	10.05	4.02	4	0.02	0.01	0.04	0.00	0.00	19.2

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01) staffe= 2 d 8 / 19.2

1A	181	--	--	-3832	-641	114	69	401	807	10.05	4.02	3	0.05	0.02	0.18	0.00	0.00	19.2
1B	181	--	--	-3832	403	114	69	401	-117	10.05	4.02	3	0.03	0.01	0.15	0.00	0.00	19.2
1C	181	--	--	-3832	-641	-599	69	163	807	10.05	4.02	3	0.04	0.02	0.18	0.00	0.00	19.2
1D	181	--	--	-3832	403	-599	69	163	-117	10.05	4.02	4	0.02	0.02	0.17	0.00	0.00	19.2
1E	181	--	--	-2162	-641	114	69	401	807	10.05	4.02	3	0.06	0.02	0.19	0.00	0.00	19.2
1F	181	--	--	-2162	403	114	69	401	-117	10.05	4.02	3	0.04	0.01	0.15	0.00	0.00	19.2
1G	181	--	--	-2162	-641	-599	69	163	807	10.05	4.02	3	0.04	0.02	0.19	0.00	0.00	19.2
1H	181	--	--	-2162	403	-599	69	163	-117	10.05	4.02	4	0.01	0.02	0.17	0.00	0.00	19.2
1I	181	--	--	-4074	-445	642	87	571	634	10.05	4.02	3	0.05	0.02	0.19	0.00	0.00	19.2
1J	181	--	--	-4074	207	642	87	571	55	10.05	4.02	3	0.04	0.02	0.19	0.00	0.00	19.2
1K	181	--	--	-4074	-445	-1127	87	-7	634	10.05	4.02	4	0.02	0.03	0.26	0.00	0.00	19.2
1L	181	--	--	-4074	207	-1127	87	-7	55	10.05	4.02	6	0.01	0.03	0.26	0.00	0.00	19.2
1M	181	--	--	-1920	-445	642	87	571	634	10.05	4.02	3	0.07	0.02	0.19	0.00	0.00	19.2
1N	181	--	--	-1920	207	642	87	571	55	10.05	4.02	2	0.08	0.02	0.20	0.00	0.00	19.2
1O	181	--	--	-1920	-445	-1127	87	-7	634	10.05	4.02	3	0.03	0.03	0.26	0.00	0.00	19.2
1P	181	--	--	-1920	207	-1127	87	-7	55	10.05	4.02	6	0.01	0.03	0.26	0.00	0.00	19.2
2	181	--	--	-4293	-134	-372	0	501	555	10.05	4.02	3	0.05	0.01	0.04	0.00	0.00	19.2
7	181	--	--	-3344	-94	-292	0	390	419	10.05	4.02	3	0.03	0.01	0.04	0.00	0.00	19.2

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01) staffe= 2 d 8 / 19.2

1A	272	--	--	-3452	-641	114	69	297	227	10.05	4.02	3	0.03	0.02	0.18	0.00	0.00	19.2
1B	272	--	--	-3452	403	114	69	297	247	10.05	4.02	3	0.03	0.01	0.15	0.00	0.00	19.2
1C	272	--	--	-3452	-641	-599	69	706	227	10.05	4.02	3	0.08	0.02	0.18	0.00	0.00	19.2
1D	272	--	--	-3452	403	-599	69	706	247	10.05	4.02	3	0.08	0.02	0.17	0.00	0.00	19.2
1E	272	--	--	-1782	-641	114	69	297	227	10.05	4.02	3	0.03	0.02	0.19	0.00	0.00	19.2
1F	272	--	--	-1782	403	114	69	297	247	10.05	4.02	3	0.03	0.01	0.15	0.00	0.00	19.2
1G	272	--	--	-1782	-641	-599	69	706	227	10.05	4.02	2	0.12	0.02	0.19	0.00	0.00	19.2
1H	272	--	--	-1782	403	-599	69	706	247	10.05	4.02	2	0.12	0.02	0.17	0.00	0.00	19.2
1I	272	--	--	-3694	-445	642	87	-11	231	10.05	4.02	5	0.02	0.02	0.19	0.00	0.00	19.2
1J	272	--	--	-3694	207	642	87	-11	243	10.05	4.02	4	0.02	0.02	0.19	0.00	0.00	19.2
1K	272	--	--	-3694	-445	-1127	87	1013	231	10.05	4.02	2	0.14	0.03	0.26	0.00	0.00	19.2
1L	272	--	--	-3694	207	-1127	87	1013	243	10.05	4.02	2	0.14	0.03	0.26	0.00	0.00	19.2
1M	272	--	--	-1540	-445	642	87	-11	231	10.05	4.02	4	0.01	0.02	0.20	0.00	0.00	19.2
1N	272	--	--	-1540	207	642	87	-11	243	10.05	4.02	4	0.01	0.02	0.20	0.00	0.00	19.2
1O	272	--	--	-1540	-445	-1127	87	1013	231	10.05	4.02	2	0.20	0.03	0.26	0.00	0.00	19.2
1P	272	--	--	-1540	207	-1127	87	1013	243	10.05	4.02	2	0.20	0.03	0.26	0.00	0.00	19.2
2	272	--	--	-3798	-134	-372	0	827	420	10.05	4.02	3	0.10	0.01	0.05	0.00	0.00	19.2
7	272	--	--	-2963	-94	-292	0	647	323	10.05	4.02	3	0.08	0.01	0.04	0.00	0.00	19.2

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01) staffe= 2 d 8 / 19.2

1A	362	--	--	-3072	-641	114	69	193	-353	10.05	4.02	4	0.02	0.02	0.19	0.00	0.00	12.8
1B	362	--	--	-3072	403	114	69	193	612	10.05	4.02	3	0.03	0.01	0.15	0.00	0.00	12.8
1C	362	--	--	-3072	-641	-599	69	1249	-353	10.05	4.02	2	0.21	0.02	0.19	0.00	0.00	12.8
1D	362	--	--	-3072	403	-599	69	1249	612	10.05	4.02	2	0.21	0.02	0.17	0.00	0.00	12.8
1E	362	--	--	-1402	-641	114	69	193	-353	10.05	4.02	3	0.02	0.02	0.19	0.00	0.00	12.8
1F	362	--	--	-1402	403	114	69	193	612	10.05	4.02	3	0.04	0.01	0.15	0.00	0.00	12.8
1G	362	--	--	-1402	-641	-599	69	1249	-353	10.05	4.02	2	0.26	0.02	0.19	0.00	0.00	12.8
1H	362	--	--	-1402	403	-599	69	1249	612	10.05	4.02	2	0.26	0.02	0.17	0.00	0.00	12.8
1I	362	--	--	-3314	-445	642	87	-592	-171	10.05	4.02	3	0.06	0.02	0.20	0.00	0.00	12.8
1J	362	--	--	-3314	207	642	87	-592	431	10.05	4.02	3	0.06	0.02	0.20	0.00	0.00	12.8
1K	362	--	--	-3314	-445	-1127	87	2034	-171	10.05	4.02	2	0.39	0.03	0.26	0.00	0.00	12.8
1L	362	--	--	-3314	207	-1127	87	2034	431	10.05	4.02	2	0.39	0.03	0.26	0.00	0.00	12.8
1M	362	--	--	-1160	-445	642	87	-592	-171	10.05	4.02	2	0.11	0.02	0.20	0.00	0.00	12.8
1N	362	--	--	-1160	207	642	87	-592	431	10.05	4.02	2	0.11	0.02	0.20	0.00	0.00	12.8
1O	362	--	--	-1160	-445	-1127	87	2034	-171	10.05	4.02	2	0.46	0.03	0.26	0.00	0.00	12.8
1P	362	--	--	-1160	207	-1127	87	2034	431	10.05	4.02	2	0.46	0.03	0.26	0.00	0.00	12.8
2	362	--	--	-3304	-134	-372	0	1154	285	10.05	4.02	2	0.18	0.01	0.05	0.00	0.00	12.8
7	362	--	--	-2583	-94	-292	0	903	228	10.05	4.02	2	0.14	0.01	0.04	0.00	0.00	12.8

armatura base = 4 X 2.01 per le armature aggiuntive consultare il tabulato

NC	x	αMy	αMz	Fx	Fy	Fz	Mx	My	Mz	APOST/ AANT	AINF/ ASUP	campo	Indice	resistenza	aswta	aswto	PASSO	
	cm				kg			kg*m				cmq	Fx,M	Bielle	V,Mx	cmq/m	cm	
1A	0	--	--	-6258	-1007	-135	69	734	2515	10.05	4.02	3	0.15	0.02	0.23	0.00	0.00	12.8
1B	0	--	--	-6258	937	-135	69	734	-2389	10.05	4.02	3	0.14	0.02	0.22	0.00	0.00	12.8
1C	0	--	--	-6258	-1007	-729	69	-1610	2515	10.05	4.02	3	0.22	0.02	0.23	0.00	0.00	12.8
1D	0	--	--	-6258	937	-729	69	-1610	-2389	10.05	4.02	3	0.21	0.02	0.22	0.00	0.00	12.8
1E	0	--	--	-4954	-1007	-135	69	734	2515	10.05	4.02	3	0.16	0.02	0.23	0.00	0.00	12.8
1F	0	--	--	-4954	937	-135	69	734	-2389	10.05	4.02	3	0.15	0.02	0.22	0.00	0.00	12.8
1G	0	--	--	-4954	-1007	-729	69	-1610	2515	10.05	4.02	3	0.23	0.02	0.23	0.00	0.00	12.8
1H	0	--	--	-4954	937	-729	69	-1610	-2389	10.05	4.02	3	0.22	0.02	0.22	0.00	0.00	12.8
1I	0	--	--	-6765	-509	429	87	1458	1241	10.05	4.02	3	0.18	0.02	0.18	0.00	0.00	12.8
1J	0	--	--	-6765	439	429	87	1458	-1115	10.05	4.02	3	0.18	0.02	0.17	0.00	0.00	12.8
1K	0	--	--	-6765	-509	-1292	87	-2439	1241	10.05	4.02	2	0.39	0.03	0.27	0.00	0.00	12.8
1L	0	--	--	-6765	439	-1292	87	-2439	-1115	10.05	4.02	2	0.39	0.03	0.27	0.00	0.00	12.8
1M	0	--	--	-4447	-509	429	87	1458	1241	10.05	4.02	2	0.23	0.02	0.19	0.00	0.00	12.8
1N	0	--	--	-4447	439	429	87	1458	-1115	10.05	4.02	2	0.23	0.02	0.18	0.00	0.00	12.8
1O	0	--	--	-4447	-509	-1292	87	-2439	1241	10.05	4.02	2	0.46	0.03	0.28	0.00	0.00	12.8
1P	0	--	--	-4447	439	-1292	87	-2439	-1115	10.05	4.02	2	0.46	0.03	0.28	0.00	0.00	12.8
2	0	--	--	-8043	-16	-668	0	-783	230	10.05	4.02	4	0.06	0.01	0.08	0.00	0.00	12.8
7	0	--	--	-6259	-4	-526	0	-619	-191	10.05	4.02	3	0.05	0.01	0.06	0.00	0.00	12.8
apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01) staffe= 2 d 8 / 9.1 n.spille lungo H: 1																		
1A	91	--	--	-5878	-1007	-135	69	368	1603	10.05	4.02	3	0.08	0.02	0.23	0.00	0.00	19.2
1B	91	--	--	-5878	937	-135	69	368	-1541	10.05	4.02	3	0.07	0.02	0.22	0.00	0.00	19.2
1C	91	--	--	-5878	-1007	-729	69	-369	1603	10.05	4.02	3	0.08	0.02	0.23	0.00	0.00	19.2
1D	91	--	--	-5878	937	-729	69	-369	-1541	10.05	4.02	3	0.07	0.02	0.22	0.00	0.00	19.2
1E	91	--	--	-4573	-1007	-135	69	368	1603	10.05	4.02	3	0.08	0.02	0.24	0.00	0.00	19.2
1F	91	--	--	-4573	937	-135	69	368	-1541	10.05	4.02	3	0.08	0.02	0.23	0.00	0.00	19.2
1G	91	--	--	-4573	-1007	-729	69	-369	1603	10.05	4.02	3	0.08	0.02	0.24	0.00	0.00	19.2
1H	91	--	--	-4573	937	-729	69	-369	-1541	10.05	4.02	3	0.08	0.02	0.23	0.00	0.00	19.2
1I	91	--	--	-6385	-509	429	87	1069	780	10.05	4.02	3	0.11	0.02	0.18	0.00	0.00	19.2
1J	91	--	--	-6385	439	429	87	1069	-717	10.05	4.02	3	0.11	0.02	0.17	0.00	0.00	19.2
1K	91	--	--	-6385	-509	-1292	87	-1070	780	10.05	4.02	3	0.11	0.03	0.27	0.00	0.00	19.2
1L	91	--	--	-6385	439	-1292	87	-1070	-717	10.05	4.02	3	0.11	0.03	0.27	0.00	0.00	19.2
1M	91	--	--	-4066	-509	429	87	1069	780	10.05	4.02	3	0.15	0.02	0.19	0.00	0.00	19.2
1N	91	--	--	-4066	439	429	87	1069	-717	10.05	4.02	3	0.15	0.02	0.18	0.00	0.00	19.2
1O	91	--	--	-4066	-509	-1292	87	-1070	780	10.05	4.02	3	0.15	0.03	0.28	0.00	0.00	19.2
1P	91	--	--	-4066	439	-1292	87	-1070	-717	10.05	4.02	3	0.15	0.03	0.28	0.00	0.00	19.2
2	91	--	--	-7549	-16	-668	0	-169	-220	10.05	4.02	4	0.03	0.01	0.08	0.00	0.00	19.2
7	91	--	--	-5879	-4	-526	0	-135	-184	10.05	4.02	4	0.02	0.01	0.06	0.00	0.00	19.2
apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01) staffe= 2 d 8 / 19.2																		
1A	181	--	--	-5498	-1007	-135	69	490	691	10.05	4.02	3	0.05	0.02	0.23	0.00	0.00	19.2
1B	181	--	--	-5498	937	-135	69	490	-693	10.05	4.02	3	0.05	0.02	0.22	0.00	0.00	19.2
1C	181	--	--	-5498	-1007	-729	69	291	691	10.05	4.02	4	0.04	0.02	0.23	0.00	0.00	19.2
1D	181	--	--	-5498	937	-729	69	291	-693	10.05	4.02	4	0.04	0.02	0.22	0.00	0.00	19.2
1E	181	--	--	-4193	-1007	-135	69	490	691	10.05	4.02	3	0.05	0.02	0.24	0.00	0.00	19.2
1F	181	--	--	-4193	937	-135	69	490	-693	10.05	4.02	3	0.05	0.02	0.23	0.00	0.00	19.2
1G	181	--	--	-4193	-1007	-729	69	291	691	10.05	4.02	3	0.04	0.02	0.24	0.00	0.00	19.2
1H	181	--	--	-4193	937	-729	69	291	-693	10.05	4.02	3	0.04	0.02	0.23	0.00	0.00	19.2
1I	181	--	--	-6005	-509	429	87	681	319	10.05	4.02	3	0.06	0.02	0.18	0.00	0.00	19.2
1J	181	--	--	-6005	439	429	87	681	-320	10.05	4.02	3	0.06	0.02	0.17	0.00	0.00	19.2
1K	181	--	--	-6005	-509	-1292	87	100	319	10.05	4.02	4	0.02	0.03	0.26	0.00	0.00	19.2
1L	181	--	--	-6005	439	-1292	87	100	-320	10.05	4.02	4	0.02	0.03	0.26	0.00	0.00	19.2
1M	181	--	--	-3686	-509	429	87	681	319	10.05	4.02	3	0.07	0.02	0.19	0.00	0.00	19.2
1N	181	--	--	-3686	439	429	87	681	-320	10.05	4.02	3	0.07	0.02	0.18	0.00	0.00	19.2
1O	181	--	--	-3686	-509	-1292	87	100	319	10.05	4.02	4	0.02	0.03	0.27	0.00	0.00	19.2
1P	181	--	--	-3686	439	-1292	87	100	-320	10.05	4.02	4	0.02	0.03	0.27	0.00	0.00	19.2
2	181	--	--	-7055	-16	-668	0	728	-220	10.05	4.02	3	0.06	0.01	0.08	0.00	0.00	19.2
7	181	--	--	-5499	-4	-526	0	568	-177	10.05	4.02	3	0.04	0.01	0.07	0.00	0.00	19.2
apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01) staffe= 2 d 8 / 19.2																		
1A	272	--	--	-5118	-1007	-135	69	612	-220	10.05	4.02	3	0.05	0.02	0.23	0.00	0.00	19.2
1B	272	--	--	-5118	937	-135	69	612	155	10.05	4.02	3	0.05	0.02	0.22	0.00	0.00	19.2
1C	272	--	--	-5118	-1007	-729	69	951	-220	10.05	4.02	3	0.09	0.02	0.23	0.00	0.00	19.2
1D	272	--	--	-5118	937	-729	69	951	155	10.05	4.02	3	0.09	0.02	0.22	0.00	0.00	19.2
1E	272	--	--	-3813	-1007	-135	69	612	-220	10.05	4.02	3	0.06	0.02	0.24	0.00	0.00	19.2
1F	272	--	--	-3813	937	-135	69	612	155	10.05	4.02	3	0.05	0.02	0.23	0.00	0.00	19.2

1K	362	--	--	-5244	-509	-1292	87	2439	-603	10.05	4.02	2	0.43	0.03	0.27	0.00	0.00	12.8
1L	362	--	--	-5244	439	-1292	87	2439	475	10.05	4.02	2	0.43	0.03	0.27	0.00	0.00	12.8
1M	362	--	--	-2926	-509	429	87	-95	-603	10.05	4.02	3	0.03	0.02	0.19	0.00	0.00	12.8
1N	362	--	--	-2926	439	429	87	-95	475	10.05	4.02	3	0.02	0.02	0.18	0.00	0.00	12.8
1O	362	--	--	-2926	-509	-1292	87	2439	-603	10.05	4.02	2	0.50	0.03	0.28	0.00	0.00	12.8
1P	362	--	--	-2926	439	-1292	87	2439	475	10.05	4.02	2	0.50	0.03	0.28	0.00	0.00	12.8
2	362	--	--	-6067	-16	-668	0	1918	-221	10.05	4.02	2	0.28	0.01	0.08	0.00	0.00	12.8
7	362	--	--	-4738	-4	-526	0	1505	-163	10.05	4.02	2	0.22	0.01	0.07	0.00	0.00	12.8

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01) staffe= 2 d 8 / 9.1 n.spille lungo H: 1

Passo staffe nodo NON confinato 5.3 cm

ASTA NUM. 8 NI 8 NF 13 SEZ. Rp B= 30.0 H= 56.0 (pilastro)

PIL. NUM. 8

armatura base = 4 X 2.01 per le armature aggiuntive consultare il tabulato

NC	x	αMy	αMz	Fx	Fy	Fz	Mx	My	Mz	APOST/ AANT	AINF/ ASUP	campo	Indice	resistenza	aswta	aswto	PASSO	
	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	cm				kg			kg*m		cmq			Fx,M	Bielle	V,Mx	cmq/m	cm	
1A	0	--	--	-5851	-1120	-202	69	844	2836	10.05	4.02	3	0.18	0.03	0.25	0.00	0.00	12.8
1B	0	--	--	-5851	1121	-202	69	844	-2836	10.05	4.02	3	0.18	0.03	0.25	0.00	0.00	12.8
1C	0	--	--	-5851	-1120	-683	69	-1554	2836	10.05	4.02	3	0.23	0.03	0.25	0.00	0.00	12.8
1D	0	--	--	-5851	1121	-683	69	-1554	-2836	10.05	4.02	3	0.23	0.03	0.25	0.00	0.00	12.8
1E	0	--	--	-5249	-1120	-202	69	844	2836	10.05	4.02	3	0.18	0.03	0.25	0.00	0.00	12.8
1F	0	--	--	-5249	1121	-202	69	844	-2836	10.05	4.02	3	0.18	0.03	0.25	0.00	0.00	12.8
1G	0	--	--	-5249	-1120	-683	69	-1554	2836	10.05	4.02	3	0.23	0.03	0.25	0.00	0.00	12.8
1H	0	--	--	-5249	1121	-683	69	-1554	-2836	10.05	4.02	3	0.23	0.03	0.25	0.00	0.00	12.8
1I	0	--	--	-6554	-486	361	87	1323	1214	10.05	4.02	3	0.16	0.02	0.18	0.00	0.00	12.8
1J	0	--	--	-6554	486	361	87	1323	-1214	10.05	4.02	3	0.16	0.02	0.18	0.00	0.00	12.8
1K	0	--	--	-6554	-486	-1246	87	-2381	1214	10.05	4.02	2	0.38	0.03	0.26	0.00	0.00	12.8
1L	0	--	--	-6554	486	-1246	87	-2381	-1214	10.05	4.02	2	0.38	0.03	0.26	0.00	0.00	12.8
1M	0	--	--	-4546	-486	361	87	1323	1214	10.05	4.02	3	0.20	0.02	0.18	0.00	0.00	12.8
1N	0	--	--	-4546	486	361	87	1323	-1214	10.05	4.02	3	0.20	0.02	0.18	0.00	0.00	12.8
1O	0	--	--	-4546	-486	-1246	87	-2381	1214	10.05	4.02	2	0.44	0.03	0.27	0.00	0.00	12.8
1P	0	--	--	-4546	486	-1246	87	-2381	-1214	10.05	4.02	2	0.44	0.03	0.27	0.00	0.00	12.8
2	0	--	--	-7970	0	-686	0	-801	223	10.05	4.02	3	0.06	0.01	0.08	0.00	0.00	12.8
7	0	--	--	-6203	0	-539	0	-633	174	10.05	4.02	3	0.05	0.01	0.07	0.00	0.00	12.8

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01) staffe= 2 d 8 / 9.1 n.spille lungo H: 1

1A	91	--	--	-5471	-1120	-202	69	297	1822	10.05	4.02	3	0.09	0.03	0.25	0.00	0.00	19.2
1B	91	--	--	-5471	1121	-202	69	297	-1822	10.05	4.02	3	0.09	0.03	0.25	0.00	0.00	19.2
1C	91	--	--	-5471	-1120	-683	69	-302	1822	10.05	4.02	3	0.09	0.03	0.25	0.00	0.00	19.2
1D	91	--	--	-5471	1121	-683	69	-302	-1822	10.05	4.02	3	0.09	0.03	0.25	0.00	0.00	19.2
1E	91	--	--	-4869	-1120	-202	69	297	1822	10.05	4.02	3	0.09	0.03	0.25	0.00	0.00	19.2
1F	91	--	--	-4869	1121	-202	69	297	-1822	10.05	4.02	3	0.09	0.03	0.25	0.00	0.00	19.2
1G	91	--	--	-4869	-1120	-683	69	-302	1822	10.05	4.02	3	0.09	0.03	0.25	0.00	0.00	19.2
1H	91	--	--	-4869	1121	-683	69	-302	-1822	10.05	4.02	3	0.09	0.03	0.25	0.00	0.00	19.2
1I	91	--	--	-6174	-486	361	87	996	773	10.05	4.02	3	0.10	0.02	0.18	0.00	0.00	19.2
1J	91	--	--	-6174	486	361	87	996	-773	10.05	4.02	3	0.10	0.02	0.18	0.00	0.00	19.2
1K	91	--	--	-6174	-486	-1246	87	-1000	773	10.05	4.02	3	0.10	0.03	0.27	0.00	0.00	19.2
1L	91	--	--	-6174	486	-1246	87	-1000	-773	10.05	4.02	3	0.10	0.03	0.27	0.00	0.00	19.2
1M	91	--	--	-4166	-486	361	87	996	773	10.05	4.02	3	0.13	0.02	0.18	0.00	0.00	19.2
1N	91	--	--	-4166	486	361	87	996	-773	10.05	4.02	3	0.13	0.02	0.18	0.00	0.00	19.2
1O	91	--	--	-4166	-486	-1246	87	-1000	773	10.05	4.02	3	0.13	0.03	0.27	0.00	0.00	19.2
1P	91	--	--	-4166	486	-1246	87	-1000	-773	10.05	4.02	3	0.13	0.03	0.27	0.00	0.00	19.2
2	91	--	--	-7476	0	-686	0	-170	209	10.05	4.02	4	0.03	0.01	0.08	0.00	0.00	19.2
7	91	--	--	-5823	0	-539	0	-137	163	10.05	4.02	4	0.02	0.01	0.07	0.00	0.00	19.2

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01) staffe= 2 d 8 / 19.2

1A	181	--	--	-5091	-1120	-202	69	480	807	10.05	4.02	3	0.05	0.03	0.25	0.00	0.00	19.2
1B	181	--	--	-5091	1121	-202	69	480	-807	10.05	4.02	3	0.05	0.03	0.25	0.00	0.00	19.2
1C	181	--	--	-5091	-1120	-683	69	317	807	10.05	4.02	3	0.04	0.03	0.25	0.00	0.00	19.2
1D	181	--	--	-5091	1121	-683	69	317	-807	10.05	4.02	3	0.04	0.03	0.25	0.00	0.00	19.2
1E	181	--	--	-4489	-1120	-202	69	480	807	10.05	4.02	3	0.05	0.03	0.25	0.00	0.00	19.2
1F	181	--	--	-4489	1121	-202	69	480	-807	10.05	4.02	3	0.05	0.03	0.25	0.00	0.00	19.2
1G	181	--	--	-4489	-1120	-683	69	317	807	10.05	4.02	3	0.04	0.03	0.25	0.00	0.00	19.2
1H	181	--	--	-4489	1121	-683	69	317	-807	10.05	4.02	3	0.04	0.03	0.25	0.00	0.00	19.2
1I	181	--	--	-5794	-486	361	87	670	333	10.05	4.02	3	0.06	0.02	0.18	0.00	0.00	19.2
1J	181	--	--	-5794	486	361	87	670	-333	10.05	4.02	3	0.06	0.02	0.18	0.00	0.00	19.2
1K	181	--	--	-5794	-486	-1246	87	127	333	10.05	4.02	4	0.02	0.03	0.26	0.00	0.00	19.2
1L	181	--	--	-5794	486	-1246	87	127	-333	10.05	4.02	4	0.02	0.03	0.26	0.00	0.00	19.2
1M	181	--	--	-3786	-486	361	87	670	333	10.05	4.02	3	0.07	0.02	0.18	0.00	0.00	19.2
1N	181	--	--	-3786	486	361	87	670	-333	10.05	4.02	3	0.07	0.02	0.18	0.00	0.00	19.2
1O	181	--	--	-3786	-486	-1246	87	127	333	10.05	4.02	4	0.02	0.03	0.26	0.00	0.00	19.2
1P	181	--	--	-3786	486	-1246	87	127	-333	10.05	4.02	4	0.02	0.03	0.26	0.00	0.00	19.2
2	181	--	--	-6982	0	-686	0	739	195	10.05	4.02	3	0.06	0.01	0.08	0.00	0.00	19.2
7	181	--	--	-5443	0	-539	0	576	152	10.05	4.02	3	0.04	0.01	0.07	0.00	0.00	19.2

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01) staffe= 2 d 8 / 19.2

1A	272	--	--	-4711	-1120	-202	69	662	-207	10.05	4.02	3	0.05	0.03	0.25	0.00	0.00	19.2
1B	272	--	--	-4711	1121	-202	69	662	207	10.05	4.02	3	0.05	0.03	0.25	0.00	0.00	19.2
1C	272	--	--	-4711	-1120	-683	69	935	-207	10.05	4.02	3	0.10	0.03	0.25	0.00	0.00	19.2
1D	272	--	--	-4711	1121	-683	69	935	207	10.05	4.02	3	0.10	0.03	0.25	0.00	0.00	19.2
1E	272	--	--	-4109	-1120	-202	69	662	-207	10.05	4.02	3	0.06	0.03	0.25	0.00	0.00	19.2
1F	272	--	--	-4109	1121	-202	69	662	207	10.05	4.02	3	0.06	0.03	0.25	0.00	0.00	19.2
1G	272	--	--	-4109	-1120	-683	69	935	-207	10.05	4.02	2	0.11	0.03	0.25	0.00	0.00	19.2
1H	272	--	--	-4109	1121	-683	69	935	207	10.05	4.02	2	0.11	0.03	0.25	0.00	0.00	19.2
1I	272	--	--	-5414	-486	361	87	343	-107	10.05	4.02	4	0.03	0.02	0.18	0.00	0.00	19.2
1J	272	--	--	-5414	486	361	87	343	107	10.05	4.02	4	0.03	0.02	0.18	0.00	0.00	19.2
1K	272	--	--	-5414	-486	-1246	87	1254	-107	10.05	4.02	2	0.15	0.03	0.27	0.00	0.00	19.2
1L	272	--	--	-5414	486	-1246	87	1254	107	10.05	4.02	2	0.15	0.03	0.27	0.00	0.00	19.2
1M	272	--	--	-3406	-486	361	87	343	-107	10.05	4.02	3	0.03	0.02	0.19	0.00	0.00	19.2
1N	272	--	--	-3406	486	361	87	343	107	10.05	4.02	3	0.03	0.02	0.19	0.00	0.00	19.2
1O	272	--	--	-3406	-486	-1246	87	1254	-107	10.05	4.02	2	0.20	0.03	0.27	0.00	0.00	19.2
1P	272	--	--	-3406	486	-1246	87	1254	107	10.05	4.02	2	0.20	0.03	0.27	0.00	0.00	19.2



2	272	--	--	-6488	0	-686	0	1350	182	10.05	4.02	2	0.14	0.01	0.08	0.00	0.00	19.2
7	272	--	--	-5063	0	-539	0	1057	142	10.05	4.02	2	0.11	0.01	0.07	0.00	0.00	19.2

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01) staffe= 2 d 8 / 19.2

1A	362	--	--	-4331	-1120	-202	69	844	-1221	10.05	4.02	3	0.10	0.03	0.25	0.00	0.00	12.8
1B	362	--	--	-4331	1121	-202	69	844	1221	10.05	4.02	3	0.10	0.03	0.25	0.00	0.00	12.8
1C	362	--	--	-4331	-1120	-683	69	1554	-1221	10.05	4.02	2	0.25	0.03	0.25	0.00	0.00	12.8
1D	362	--	--	-4331	1121	-683	69	1554	1221	10.05	4.02	2	0.25	0.03	0.25	0.00	0.00	12.8
1E	362	--	--	-3729	-1120	-202	69	844	-1221	10.05	4.02	3	0.11	0.03	0.26	0.00	0.00	12.8
1F	362	--	--	-3729	1121	-202	69	844	1221	10.05	4.02	3	0.11	0.03	0.26	0.00	0.00	12.8
1G	362	--	--	-3729	-1120	-683	69	1554	-1221	10.05	4.02	2	0.27	0.03	0.26	0.00	0.00	12.8
1H	362	--	--	-3729	1121	-683	69	1554	1221	10.05	4.02	2	0.27	0.03	0.26	0.00	0.00	12.8
1I	362	--	--	-5034	-486	361	87	17	-547	10.05	4.02	4	0.03	0.02	0.18	0.00	0.00	12.8
1J	362	--	--	-5034	486	361	87	17	547	10.05	4.02	4	0.03	0.02	0.18	0.00	0.00	12.8
1K	362	--	--	-5034	-486	-1246	87	2381	-547	10.05	4.02	2	0.42	0.03	0.27	0.00	0.00	12.8
1L	362	--	--	-5034	486	-1246	87	2381	547	10.05	4.02	2	0.42	0.03	0.27	0.00	0.00	12.8
1M	362	--	--	-3026	-486	361	87	17	-547	10.05	4.02	4	0.02	0.02	0.19	0.00	0.00	12.8
1N	362	--	--	-3026	486	361	87	17	547	10.05	4.02	4	0.02	0.02	0.19	0.00	0.00	12.8
1O	362	--	--	-3026	-486	-1246	87	2381	-547	10.05	4.02	2	0.48	0.03	0.27	0.00	0.00	12.8
1P	362	--	--	-3026	486	-1246	87	2381	547	10.05	4.02	2	0.48	0.03	0.27	0.00	0.00	12.8
2	362	--	--	-5994	0	-686	0	1961	168	10.05	4.02	2	0.30	0.01	0.08	0.00	0.00	12.8
7	362	--	--	-4683	0	-539	0	1538	131	10.05	4.02	2	0.23	0.01	0.07	0.00	0.00	12.8

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01) staffe= 2 d 8 / 9.1 n.spille lungo H: 1

Passo staffe nodo NON confinato 5.3 cm

ASTA NUM. 9 NI 9 NF 12 SEZ. Rp B= 30.0 H= 56.0 (pilastro)  
PIL. NUM. 7  
armatura base = 4 X 2.01 per le armature aggiuntive consultare il tabulato

NC	x	αMy	αMz	Fx	Fy	Fz	Mx	My	Mz	APOST/ AANT	AINF/ ASUP	campo	Indice	resistenza	aswta	aswto	PASSO	
	--																	
	cm				kg			kg*m		cmq			Fx,M	Bielle	V,Mx	cmq/m	cm	
1A	0	--	--	-6258	-937	-135	69	734	2389	10.05	4.02	3	0.14	0.02	0.22	0.00	0.00	12.8
1B	0	--	--	-6258	1007	-135	69	734	-2515	10.05	4.02	3	0.15	0.02	0.23	0.00	0.00	12.8
1C	0	--	--	-6258	-937	-729	69	-1610	2389	10.05	4.02	3	0.21	0.02	0.22	0.00	0.00	12.8
1D	0	--	--	-6258	1007	-729	69	-1610	-2515	10.05	4.02	3	0.22	0.02	0.23	0.00	0.00	12.8
1E	0	--	--	-4954	-937	-135	69	734	2389	10.05	4.02	3	0.15	0.02	0.22	0.00	0.00	12.8
1F	0	--	--	-4954	1007	-135	69	734	-2515	10.05	4.02	3	0.16	0.02	0.23	0.00	0.00	12.8
1G	0	--	--	-4954	-937	-729	69	-1610	2389	10.05	4.02	3	0.22	0.02	0.22	0.00	0.00	12.8
1H	0	--	--	-4954	1007	-729	69	-1610	-2515	10.05	4.02	3	0.23	0.02	0.23	0.00	0.00	12.8
1I	0	--	--	-6765	-439	429	87	1458	1115	10.05	4.02	3	0.18	0.02	0.17	0.00	0.00	12.8
1J	0	--	--	-6765	509	429	87	1458	-1241	10.05	4.02	3	0.18	0.02	0.18	0.00	0.00	12.8
1K	0	--	--	-6765	-439	-1292	87	-2439	1115	10.05	4.02	2	0.39	0.03	0.27	0.00	0.00	12.8
1L	0	--	--	-6765	509	-1292	87	-2439	-1241	10.05	4.02	2	0.39	0.03	0.27	0.00	0.00	12.8
1M	0	--	--	-4447	-439	429	87	1458	1115	10.05	4.02	2	0.23	0.02	0.18	0.00	0.00	12.8
1N	0	--	--	-4447	509	429	87	1458	-1241	10.05	4.02	2	0.23	0.02	0.19	0.00	0.00	12.8
1O	0	--	--	-4447	-439	-1292	87	-2439	1115	10.05	4.02	2	0.46	0.03	0.28	0.00	0.00	12.8
1P	0	--	--	-4447	509	-1292	87	-2439	-1241	10.05	4.02	2	0.46	0.03	0.28	0.00	0.00	12.8
2	0	--	--	-8043	16	-668	0	-783	-230	10.05	4.02	4	0.06	0.01	0.08	0.00	0.00	12.8
7	0	--	--	-6259	4	-526	0	-619	191	10.05	4.02	3	0.05	0.01	0.06	0.00	0.00	12.8

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01) staffe= 2 d 8 / 9.1 n.spille lungo H: 1

1A	91	--	--	-5878	-937	-135	69	368	1541	10.05	4.02	3	0.07	0.02	0.22	0.00	0.00	19.2
1B	91	--	--	-5878	1007	-135	69	368	-1603	10.05	4.02	3	0.08	0.02	0.23	0.00	0.00	19.2
1C	91	--	--	-5878	-937	-729	69	-369	1541	10.05	4.02	3	0.07	0.02	0.22	0.00	0.00	19.2
1D	91	--	--	-5878	1007	-729	69	-369	-1603	10.05	4.02	3	0.08	0.02	0.23	0.00	0.00	19.2
1E	91	--	--	-4573	-937	-135	69	368	1541	10.05	4.02	3	0.08	0.02	0.23	0.00	0.00	19.2
1F	91	--	--	-4573	1007	-135	69	368	-1603	10.05	4.02	3	0.08	0.02	0.24	0.00	0.00	19.2
1G	91	--	--	-4573	-937	-729	69	-369	1541	10.05	4.02	3	0.08	0.02	0.23	0.00	0.00	19.2
1H	91	--	--	-4573	1007	-729	69	-369	-1603	10.05	4.02	3	0.08	0.02	0.24	0.00	0.00	19.2
1I	91	--	--	-6385	-439	429	87	1069	717	10.05	4.02	3	0.11	0.02	0.17	0.00	0.00	19.2
1J	91	--	--	-6385	509	429	87	1069	-780	10.05	4.02	3	0.11	0.02	0.18	0.00	0.00	19.2
1K	91	--	--	-6385	-439	-1292	87	-1070	717	10.05	4.02	3	0.11	0.03	0.27	0.00	0.00	19.2
1L	91	--	--	-6385	509	-1292	87	-1070	-780	10.05	4.02	3	0.11	0.03	0.27	0.00	0.00	19.2
1M	91	--	--	-4066	-439	429	87	1069	717	10.05	4.02	3	0.15	0.02	0.18	0.00	0.00	19.2
1N	91	--	--	-4066	509	429	87	1069	-780	10.05	4.02	3	0.15	0.02	0.19	0.00	0.00	19.2
1O	91	--	--	-4066	-439	-1292	87	-1070	717	10.05	4.02	3	0.15	0.03	0.28	0.00	0.00	19.2
1P	91	--	--	-4066	509	-1292	87	-1070	-780	10.05	4.02	3	0.15	0.03	0.28	0.00	0.00	19.2
2	91	--	--	-7549	16	-668	0	-169	220	10.05	4.02	4	0.03	0.01	0.08	0.00	0.00	19.2
7	91	--	--	-5879	4	-526	0	-135	184	10.05	4.02	4	0.02	0.01	0.06	0.00	0.00	19.2

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01) staffe= 2 d 8 / 19.2

1A	181	--	--	-5498	-937	-135	69	490	693	10.05	4.02	3	0.05	0.02	0.22	0.00	0.00	19.2
1B	181	--	--	-5498	1007	-135	69	490	-691	10.05	4.02	3	0.05	0.02	0.23	0.00	0.00	19.2
1C	181	--	--	-5498	-937	-729	69	291	693	10.05	4.02	4	0.04	0.02	0.22	0.00	0.00	19.2
1D	181	--	--	-5498	1007	-729	69	291	-691	10.05	4.02	4	0.04	0.02	0.23	0.00	0.00	19.2
1E	181	--	--	-4193	-937	-135	69	490	693	10.05	4.02	3	0.05	0.02	0.23	0.00	0.00	19.2
1F	181	--	--	-4193	1007	-135	69	490	-691	10.05	4.02	3	0.05	0.02	0.24	0.00	0.00	19.2
1G	181	--	--	-4193	-937	-729	69	291	693	10.05	4.02	3	0.04	0.02	0.23	0.00	0.00	19.2
1H	181	--	--	-4193	1007	-729	69	291	-691	10.05	4.02	3	0.04	0.02	0.24	0.00	0.00	19.2
1I	181	--	--	-6005	-439	429	87	681	320	10.05	4.02	3	0.06	0.02	0.17	0.00	0.00	19.2
1J	181	--	--	-6005	509	429	87	681	-319	10.05	4.02	3	0.06	0.02	0.18	0.00	0.00	19.2
1K	181	--	--	-6005	-439	-1292	87	100	320	10.05	4.02	4	0.02	0.03	0.26	0.00	0.00	19.2
1L	181	--	--	-6005	509	-1292	87	100	-319	10.05	4.02	4	0.02	0.03	0.26	0.00	0.00	19.2
1M	181	--	--	-3686	-439	429	87	681	320	10.05	4.02	3	0.07	0.02	0.18	0.00	0.00	19.2
1N	181	--	--	-3686	509	429	87	681	-319	10.05	4.02	3	0.07	0.02	0.19	0.00	0.00	19.2
1O	181	--	--	-3686	-439	-1292	87	100	320	10.05	4.02	4	0.02	0.03	0.27	0.00	0.00	19.2
1P	181	--	--	-3686	509	-1292	87	100	-319	10.05	4.02	4	0.02	0.03	0.27	0.00	0.00	19.2
2	181	--	--	-7055	16	-668	0	728	220	10.05	4.02	3	0.06	0.01	0.08	0.00	0.00	19.2
7	181	--	--	-5499	4	-526	0	568	177	10.05	4.02	3	0.04	0.01	0.07	0.00	0.00	19.2

1B	272	--	--	-5118	1007	-135	69	612	220	10.05	4.02	3	0.05	0.02	0.23	0.00	0.00	19.2
1C	272	--	--	-5118	-937	-729	69	951	-155	10.05	4.02	3	0.09	0.02	0.22	0.00	0.00	19.2
1D	272	--	--	-5118	1007	-729	69	951	220	10.05	4.02	3	0.09	0.02	0.23	0.00	0.00	19.2
1E	272	--	--	-3813	-937	-135	69	612	-155	10.05	4.02	3	0.05	0.02	0.23	0.00	0.00	19.2
1F	272	--	--	-3813	1007	-135	69	612	220	10.05	4.02	3	0.06	0.02	0.24	0.00	0.00	19.2
1G	272	--	--	-3813	-937	-729	69	951	-155	10.05	4.02	2	0.12	0.02	0.23	0.00	0.00	19.2
1H	272	--	--	-3813	1007	-729	69	951	220	10.05	4.02	2	0.12	0.02	0.24	0.00	0.00	19.2
1I	272	--	--	-5625	-439	429	87	293	-77	10.05	4.02	4	0.03	0.02	0.17	0.00	0.00	19.2
1J	272	--	--	-5625	509	429	87	293	142	10.05	4.02	4	0.03	0.02	0.19	0.00	0.00	19.2
1K	272	--	--	-5625	-439	-1292	87	1270	-77	10.05	4.02	2	0.15	0.03	0.27	0.00	0.00	19.2
1L	272	--	--	-5625	509	-1292	87	1270	142	10.05	4.02	2	0.15	0.03	0.27	0.00	0.00	19.2
1M	272	--	--	-3306	-439	429	87	293	-77	10.05	4.02	4	0.02	0.02	0.18	0.00	0.00	19.2
1N	272	--	--	-3306	509	429	87	293	142	10.05	4.02	4	0.02	0.02	0.19	0.00	0.00	19.2
1O	272	--	--	-3306	-439	-1292	87	1270	-77	10.05	4.02	2	0.21	0.03	0.28	0.00	0.00	19.2
1P	272	--	--	-3306	509	-1292	87	1270	142	10.05	4.02	2	0.21	0.03	0.28	0.00	0.00	19.2
2	272	--	--	-6561	16	-668	0	1323	221	10.05	4.02	3	0.14	0.01	0.08	0.00	0.00	19.2
7	272	--	--	-5118	4	-526	0	1036	170	10.05	4.02	3	0.11	0.01	0.07	0.00	0.00	19.2

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01) staffe= 2 d 8 / 19.2

1A	362	--	--	-4737	-937	-135	69	734	-1003	10.05	4.02	3	0.08	0.02	0.23	0.00	0.00	12.8
1B	362	--	--	-4737	1007	-135	69	734	1132	10.05	4.02	3	0.08	0.02	0.24	0.00	0.00	12.8
1C	362	--	--	-4737	-937	-729	69	1610	-1003	10.05	4.02	2	0.25	0.02	0.23	0.00	0.00	12.8
1D	362	--	--	-4737	1007	-729	69	1610	1132	10.05	4.02	2	0.25	0.02	0.24	0.00	0.00	12.8
1E	362	--	--	-3433	-937	-135	69	734	-1003	10.05	4.02	3	0.09	0.02	0.23	0.00	0.00	12.8
1F	362	--	--	-3433	1007	-135	69	734	1132	10.05	4.02	3	0.09	0.02	0.24	0.00	0.00	12.8
1G	362	--	--	-3433	-937	-729	69	1610	-1003	10.05	4.02	2	0.29	0.02	0.23	0.00	0.00	12.8
1H	362	--	--	-3433	1007	-729	69	1610	1132	10.05	4.02	2	0.29	0.02	0.24	0.00	0.00	12.8
1I	362	--	--	-5244	-439	429	87	-95	-475	10.05	4.02	4	0.03	0.02	0.18	0.00	0.00	12.8
1J	362	--	--	-5244	509	429	87	-95	603	10.05	4.02	4	0.03	0.02	0.19	0.00	0.00	12.8
1K	362	--	--	-5244	-439	-1292	87	2439	-475	10.05	4.02	2	0.43	0.03	0.27	0.00	0.00	12.8
1L	362	--	--	-5244	509	-1292	87	2439	603	10.05	4.02	2	0.43	0.03	0.27	0.00	0.00	12.8
1M	362	--	--	-2926	-439	429	87	-95	-475	10.05	4.02	3	0.02	0.02	0.18	0.00	0.00	12.8
1N	362	--	--	-2926	509	429	87	-95	603	10.05	4.02	3	0.03	0.02	0.19	0.00	0.00	12.8
1O	362	--	--	-2926	-439	-1292	87	2439	-475	10.05	4.02	2	0.50	0.03	0.28	0.00	0.00	12.8
1P	362	--	--	-2926	509	-1292	87	2439	603	10.05	4.02	2	0.50	0.03	0.28	0.00	0.00	12.8
2	362	--	--	-6067	16	-668	0	1918	221	10.05	4.02	2	0.28	0.01	0.08	0.00	0.00	12.8
7	362	--	--	-4738	4	-526	0	1505	163	10.05	4.02	2	0.22	0.01	0.07	0.00	0.00	12.8

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01) staffe= 2 d 8 / 9.1 n.spille lungo H: 1

Passo staffe nodo NON confinato 5.3 cm

ASTA NUM. 10 NI 10 NF 11 SEZ. Rp B= 30.0 H= 56.0 (pilastro)  
PIL. NUM. 6  
armatura base = 4 X 2.01 per le armature aggiuntive consultare il tabulato

NC	x	αMy	αMz	Fx	Fy	Fz	Mx	My	Mz	APOST/ AANT	AINF/ ASUP	campo	Indice	resistenza	aswta	aswto	PASSO	
	cm				kg			kg*m		cmq			Fx,M	Bielle	V,Mx	cmq/m	cm	
1A	0	--	--	-4592	-403	114	69	609	846	10.05	4.02	3	0.06	0.01	0.15	0.00	0.00	12.8
1B	0	--	--	-4592	641	114	69	609	-1966	10.05	4.02	3	0.12	0.02	0.18	0.00	0.00	12.8
1C	0	--	--	-4592	-403	-599	69	-1249	846	10.05	4.02	3	0.17	0.02	0.16	0.00	0.00	12.8
1D	0	--	--	-4592	641	-599	69	-1249	-1966	10.05	4.02	3	0.17	0.02	0.18	0.00	0.00	12.8
1E	0	--	--	-2922	-403	114	69	609	846	10.05	4.02	3	0.07	0.01	0.15	0.00	0.00	12.8
1F	0	--	--	-2922	641	114	69	609	-1966	10.05	4.02	3	0.14	0.02	0.19	0.00	0.00	12.8
1G	0	--	--	-2922	-403	-599	69	-1249	846	10.05	4.02	2	0.22	0.02	0.17	0.00	0.00	12.8
1H	0	--	--	-2922	641	-599	69	-1249	-1966	10.05	4.02	3	0.18	0.02	0.19	0.00	0.00	12.8
1I	0	--	--	-4834	-207	642	87	1734	431	10.05	4.02	2	0.28	0.02	0.19	0.00	0.00	12.8
1J	0	--	--	-4834	445	642	87	1734	-1440	10.05	4.02	2	0.28	0.02	0.19	0.00	0.00	12.8
1K	0	--	--	-4834	-207	-1127	87	-2048	431	10.05	4.02	2	0.35	0.03	0.25	0.00	0.00	12.8
1L	0	--	--	-4834	445	-1127	87	-2048	-1440	10.05	4.02	2	0.36	0.03	0.25	0.00	0.00	12.8
1M	0	--	--	-2680	-207	642	87	1734	431	10.05	4.02	2	0.34	0.02	0.20	0.00	0.00	12.8
1N	0	--	--	-2680	445	642	87	1734	-1440	10.05	4.02	2	0.35	0.02	0.20	0.00	0.00	12.8
1O	0	--	--	-2680	-207	-1127	87	-2048	431	10.05	4.02	2	0.41	0.03	0.26	0.00	0.00	12.8
1P	0	--	--	-2680	445	-1127	87	-2048	-1440	10.05	4.02	2	0.42	0.03	0.26	0.00	0.00	12.8
2	0	--	--	-5281	134	-372	0	-364	-824	10.05	4.02	3	0.04	0.01	0.05	0.00	0.00	12.8
7	0	--	--	-4104	94	-292	0	-288	-610	10.05	4.02	3	0.03	0.01	0.04	0.00	0.00	12.8

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01) staffe= 2 d 8 / 9.1 n.spille lungo H: 1

1A	91	--	--	-4212	-403	114	69	505	481	10.05	4.02	3	0.05	0.01	0.15	0.00	0.00	19.2
1B	91	--	--	-4212	641	114	69	505	-1386	10.05	4.02	3	0.08	0.02	0.18	0.00	0.00	19.2
1C	91	--	--	-4212	-403	-599	69	-380	481	10.05	4.02	3	0.04	0.02	0.17	0.00	0.00	19.2
1D	91	--	--	-4212	641	-599	69	-380	-1386	10.05	4.02	3	0.07	0.02	0.18	0.00	0.00	19.2
1E	91	--	--	-2542	-403	114	69	505	481	10.05	4.02	3	0.06	0.01	0.15	0.00	0.00	19.2
1F	91	--	--	-2542	641	114	69	505	-1386	10.05	4.02	3	0.10	0.02	0.19	0.00	0.00	19.2
1G	91	--	--	-2542	-403	-599	69	-380	481	10.05	4.02	3	0.04	0.02	0.17	0.00	0.00	19.2
1H	91	--	--	-2542	641	-599	69	-380	-1386	10.05	4.02	3	0.09	0.02	0.19	0.00	0.00	19.2
1I	91	--	--	-4454	-207	642	87	1153	132	10.05	4.02	2	0.15	0.02	0.19	0.00	0.00	19.2
1J	91	--	--	-4454	445	642	87	1153	-1037	10.05	4.02	3	0.16	0.02	0.19	0.00	0.00	19.2
1K	91	--	--	-4454	-207	-1127	87	-1028	132	10.05	4.02	2	0.12	0.03	0.25	0.00	0.00	19.2
1L	91	--	--	-4454	445	-1127	87	-1028	-1037	10.05	4.02	3	0.11	0.03	0.25	0.00	0.00	19.2
1M	91	--	--	-2300	-207	642	87	1153	132	10.05	4.02	2	0.21	0.02	0.20	0.00	0.00	19.2
1N	91	--	--	-2300	445	642	87	1153	-1037	10.05	4.02	2	0.22	0.02	0.20	0.00	0.00	19.2
1O	91	--	--	-2300	-207	-1127	87	-1028	132	10.05	4.02	2	0.18	0.03	0.26	0.00	0.00	19.2
1P	91	--	--	-2300	445	-1127	87	-1028	-1037	10.05	4.02	3	0.13	0.03	0.26	0.00	0.00	19.2
2	91	--	--	-4787	134	-372	0	174	-689	10.05	4.02	4	0.03	0.01	0.04	0.00	0.00	19.2
7	91	--	--	-3724	94	-292	0	133	-514	10.05	4.02	4	0.02	0.01	0.04	0.00	0.00	19.2

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01) staffe= 2 d 8 / 19.2

1A	181	--	--	-3832	-403	114	69	401	117	10.05	4.02	3	0.03	0.01	0.15	0.00	0.00	19.2
1B	181	--	--	-3832	641	114	69	401	-807	10.05	4.02	3	0.05	0.02	0.18	0.00	0.00	19.2
1C	181	--	--	-3832	-403	-599	69	163	117	10.05	4.02	4	0.02	0.02	0.17	0.00	0.00	19.2
1D	181	--	--	-3832	641	-599	69	163	-807	10.05	4.02	3	0.04	0.02	0.18	0.00	0.00	19.2
1E	181	--	--	-2162	-403	114	69	401	117	10.05	4.02	3	0.04	0.01	0.15	0.00	0.00	19.2
1F	181	--	--	-2162	641	114	69	401	-807	10.05	4.02	3	0.06	0.02	0.19	0.00	0.00	19.2
1G	181	--	--	-2162	-403	-599	69	163	117	10.05	4.02	4	0.01	0.02	0.17	0.00	0.00	19.2

1H	181	--	--	-2162	641	-599	69	163	-807	10.05	4.02	3	0.04	0.02	0.19	0.00	0.00	19.2
1I	181	--	--	-4074	-207	642	87	571	-56	10.05	4.02	3	0.04	0.02	0.19	0.00	0.00	19.2
1J	181	--	--	-4074	445	642	87	571	-634	10.05	4.02	3	0.05	0.02	0.19	0.00	0.00	19.2
1K	181	--	--	-4074	-207	-1127	87	-7	-56	10.05	4.02	6	0.01	0.03	0.26	0.00	0.00	19.2
1L	181	--	--	-4074	445	-1127	87	-7	-634	10.05	4.02	4	0.02	0.03	0.26	0.00	0.00	19.2
1M	181	--	--	-1920	-207	642	87	571	-56	10.05	4.02	2	0.08	0.02	0.20	0.00	0.00	19.2
1N	181	--	--	-1920	445	642	87	571	-634	10.05	4.02	3	0.07	0.02	0.19	0.00	0.00	19.2
1O	181	--	--	-1920	-207	-1127	87	-7	-56	10.05	4.02	6	0.01	0.03	0.26	0.00	0.00	19.2
1P	181	--	--	-1920	445	-1127	87	-7	-634	10.05	4.02	3	0.03	0.03	0.26	0.00	0.00	19.2
2	181	--	--	-4293	134	-372	0	501	-555	10.05	4.02	3	0.05	0.01	0.04	0.00	0.00	19.2
7	181	--	--	-3344	94	-292	0	390	-419	10.05	4.02	3	0.03	0.01	0.04	0.00	0.00	19.2

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01) staffe= 2 d 8 / 19.2

1A	272	--	--	-3452	-403	114	69	297	-248	10.05	4.02	3	0.03	0.01	0.15	0.00	0.00	19.2
1B	272	--	--	-3452	641	114	69	297	-227	10.05	4.02	3	0.03	0.02	0.18	0.00	0.00	19.2
1C	272	--	--	-3452	-403	-599	69	706	-248	10.05	4.02	3	0.08	0.02	0.17	0.00	0.00	19.2
1D	272	--	--	-3452	641	-599	69	706	-227	10.05	4.02	3	0.08	0.02	0.18	0.00	0.00	19.2
1E	272	--	--	-1782	-403	114	69	297	-248	10.05	4.02	3	0.03	0.01	0.15	0.00	0.00	19.2
1F	272	--	--	-1782	641	114	69	297	-227	10.05	4.02	3	0.03	0.02	0.19	0.00	0.00	19.2
1G	272	--	--	-1782	-403	-599	69	706	-248	10.05	4.02	2	0.12	0.02	0.17	0.00	0.00	19.2
1H	272	--	--	-1782	641	-599	69	706	-227	10.05	4.02	2	0.12	0.02	0.19	0.00	0.00	19.2
1I	272	--	--	-3694	-207	642	87	-11	-243	10.05	4.02	4	0.02	0.02	0.19	0.00	0.00	19.2
1J	272	--	--	-3694	445	642	87	-11	-231	10.05	4.02	5	0.02	0.02	0.19	0.00	0.00	19.2
1K	272	--	--	-3694	-207	-1127	87	1013	-243	10.05	4.02	2	0.14	0.03	0.26	0.00	0.00	19.2
1L	272	--	--	-3694	445	-1127	87	1013	-231	10.05	4.02	2	0.14	0.03	0.26	0.00	0.00	19.2
1M	272	--	--	-1540	-207	642	87	-11	-243	10.05	4.02	4	0.01	0.02	0.20	0.00	0.00	19.2
1N	272	--	--	-1540	445	642	87	-11	-231	10.05	4.02	4	0.01	0.02	0.20	0.00	0.00	19.2
1O	272	--	--	-1540	-207	-1127	87	1013	-243	10.05	4.02	2	0.20	0.03	0.26	0.00	0.00	19.2
1P	272	--	--	-1540	445	-1127	87	1013	-231	10.05	4.02	2	0.20	0.03	0.26	0.00	0.00	19.2
2	272	--	--	-3798	134	-372	0	827	-420	10.05	4.02	3	0.10	0.01	0.05	0.00	0.00	19.2
7	272	--	--	-2963	94	-292	0	647	-323	10.05	4.02	3	0.08	0.01	0.04	0.00	0.00	19.2

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01) staffe= 2 d 8 / 19.2

1A	362	--	--	-3072	-403	114	69	193	-612	10.05	4.02	3	0.03	0.01	0.15	0.00	0.00	12.8
1B	362	--	--	-3072	641	114	69	193	353	10.05	4.02	4	0.02	0.02	0.19	0.00	0.00	12.8
1C	362	--	--	-3072	-403	-599	69	1249	-612	10.05	4.02	2	0.21	0.02	0.17	0.00	0.00	12.8
1D	362	--	--	-3072	641	-599	69	1249	353	10.05	4.02	2	0.21	0.02	0.19	0.00	0.00	12.8
1E	362	--	--	-1402	-403	114	69	193	-612	10.05	4.02	3	0.04	0.01	0.15	0.00	0.00	12.8
1F	362	--	--	-1402	641	114	69	193	353	10.05	4.02	3	0.02	0.02	0.19	0.00	0.00	12.8
1G	362	--	--	-1402	-403	-599	69	1249	-612	10.05	4.02	2	0.26	0.02	0.17	0.00	0.00	12.8
1H	362	--	--	-1402	641	-599	69	1249	353	10.05	4.02	2	0.26	0.02	0.19	0.00	0.00	12.8
1I	362	--	--	-3314	-207	642	87	-592	-431	10.05	4.02	3	0.06	0.02	0.20	0.00	0.00	12.8
1J	362	--	--	-3314	445	642	87	-592	171	10.05	4.02	3	0.06	0.02	0.20	0.00	0.00	12.8
1K	362	--	--	-3314	-207	-1127	87	2034	-431	10.05	4.02	2	0.39	0.03	0.26	0.00	0.00	12.8
1L	362	--	--	-3314	445	-1127	87	2034	171	10.05	4.02	2	0.39	0.03	0.26	0.00	0.00	12.8
1M	362	--	--	-1160	-207	642	87	-592	-431	10.05	4.02	2	0.11	0.02	0.20	0.00	0.00	12.8
1N	362	--	--	-1160	445	642	87	-592	171	10.05	4.02	2	0.11	0.02	0.20	0.00	0.00	12.8
1O	362	--	--	-1160	-207	-1127	87	2034	-431	10.05	4.02	2	0.46	0.03	0.26	0.00	0.00	12.8
1P	362	--	--	-1160	445	-1127	87	2034	171	10.05	4.02	2	0.46	0.03	0.26	0.00	0.00	12.8
2	362	--	--	-3304	134	-372	0	1154	-285	10.05	4.02	2	0.18	0.01	0.05	0.00	0.00	12.8
7	362	--	--	-2583	94	-292	0	903	-228	10.05	4.02	2	0.14	0.01	0.04	0.00	0.00	12.8

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01) staffe= 2 d 8 / 9.1 n.spille lungo H: 1

Passo staffe nodo NON confinato 5.3 cm

L E G E N D A

Prima asta	Ultima asta	Nome disegno	Descrizione disegno
1	10	Strutturale001_IP1.YPI	Pilastri

Lavoro: **Strutturale** Intestazione lavoro: **Strutturale SLV**  
Elemento: **PILASTRO** Gruppo: **1** Tabella: **Tabella pilastri**  
Descrizione: **Pilastri**  
Spunt. I **20.0** cm Spunt. J **20.0** cm  
Rck: **350.00** kg/cm<sup>2</sup> fyk: **4580.0** kg/cm<sup>2</sup> Condizioni ambientali: **Ordinaria**  
Copriferro di calcolo: **3.0** cm Copriferro di disegno: **3.0** cm  
Diametro staffe: **8** mm Numero braccia: **2**  
ρ min.: **1.000** % Calcolo eccentricità accidentale abilitato

**ASTA NUM. 1** NI 1 NF 20 SEZ. Rp B= 30.0 H= 56.0 (pilastro)  
**PIL. NUM. 1**  
armatura base = 4 X 2.01 per le armature aggiuntive consultare il tabulato

Fessurazione eseguita mediante calcolo indiretto. Se w fessurazione non è rispettata, viene aggiunta armatura e indicata fra le note laterali

NC	x	Fx	[Fy]	[Fz]	[Mx]	My	Mz	APOST	AANT	AINF	ASUP	Sc	Sf
	cm		kg			kg*m				cm <sup>2</sup>		kg/cm <sup>2</sup>	
3	0	-4019	112	279	0	163	-536	10.05	10.05	4.02	4.02	-5.24	-73.6
4	0	-3811	113	250	0	140	-534	10.05	10.05	4.02	4.02	-5.15	-72.2
5	0	-3757	119	243	0	133	-548	10.05	10.05	4.02	4.02	-5.24	-73.3

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01)

3	91	-3639	112	279	0	-62	-445	10.05	10.05	4.02	4.02	-4.48	-63.2
4	91	-3431	113	250	0	-61	-443	10.05	10.05	4.02	4.02	-4.37	-61.6
5	91	-3377	119	243	0	-62	-452	10.05	10.05	4.02	4.02	-4.42	-62.1

apost= 6.03			aant= 6.03			ainf= --			asup= --			(e arm. base= 4 X 2.01)	
3	181	-3259	112	279	0	-315	-344	10.05	10.05	4.02	4.02	-4.68	-60.5
4	181	-3051	113	250	0	-288	-340	10.05	10.05	4.02	4.02	-4.30	-55.7
5	181	-2997	119	243	0	-282	-345	10.05	10.05	4.02	4.02	-4.21	-54.5

apost= 6.03			aant= 6.03			ainf= --			asup= --			(e arm. base= 4 X 2.01)	
3	272	-2878	112	279	0	-568	-242	10.05	10.05	4.02	4.02	-7.93	112.9
4	272	-2671	113	250	0	-515	-237	10.05	10.05	4.02	4.02	-7.20	100.0
5	272	-2617	119	243	0	-501	-237	10.05	10.05	4.02	4.02	-7.01	96.9

apost= 6.03			aant= 6.03			ainf= --			asup= --			(e arm. base= 4 X 2.01)	
3	362	-2498	112	279	0	-793	-129	10.05	10.05	4.02	4.02	-10.76	216.6
4	362	-2291	113	250	0	-716	-123	10.05	10.05	4.02	4.02	-9.73	194.2
5	362	-2237	119	243	0	-697	-118	10.05	10.05	4.02	4.02	-9.47	188.6

apost= 6.03			aant= 6.03			ainf= --			asup= --			(e arm. base= 4 X 2.01)	
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**ASTA NUM. 2** NI 2 NF 19 SEZ. Rp B= 30.0 H= 56.0 (pilastro)  
**PIL. NUM. 2**  
armatura base = 4 X 2.01 per le armature aggiuntive consultare il tabulato

Fessurazione eseguita mediante calcolo indiretto. Se w fessurazione non è rispettata, viene aggiunta armatura e indicata fra le note laterali

NC	x	Fx	[Fy]	[Fz]	[Mx]	My	Mz	APOST	AANT	AINF	ASUP	Sc	Sf
--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	cm		kg			kg*m					cm <sup>2</sup>		kg/cm <sup>2</sup>
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
3	0	-6112	20	502	0	413	-22	10.05	10.05	4.02	4.02	-6.78	-90.5
4	0	-5706	29	447	0	363	-45	10.05	10.05	4.02	4.02	-6.11	-81.9
5	0	-5606	35	432	0	348	-60	10.05	10.05	4.02	4.02	-5.91	-79.4

apost= 6.03			aant= 6.03			ainf= --			asup= --			(e arm. base= 4 X 2.01)	
3	91	-5732	20	502	0	9	-6	10.05	10.05	4.02	4.02	-3.22	-48.2
4	91	-5326	29	447	0	3	-22	10.05	10.05	4.02	4.02	-3.08	-45.9
5	91	-5226	35	432	0	0	-31	10.05	10.05	4.02	4.02	-3.07	-45.8

apost= 6.03			aant= 6.03			ainf= --			asup= --			(e arm. base= 4 X 2.01)	
3	181	-5352	20	502	0	-446	12	10.05	10.05	4.02	4.02	-6.83	-89.7
4	181	-4946	29	447	0	-401	5	10.05	10.05	4.02	4.02	-6.19	-81.4
5	181	-4846	35	432	0	-391	1	10.05	10.05	4.02	4.02	-6.04	-79.5

apost= 6.03			aant= 6.03			ainf= --			asup= --			(e arm. base= 4 X 2.01)	
3	272	-4971	20	502	0	-900	30	10.05	10.05	4.02	4.02	-12.63	164.2
4	272	-4565	29	447	0	-805	31	10.05	10.05	4.02	4.02	-11.31	142.8
5	272	-4465	35	432	0	-781	33	10.05	10.05	4.02	4.02	-10.99	137.5

apost= 6.03			aant= 6.03			ainf= --			asup= --			(e arm. base= 4 X 2.01)	
3	362	-4591	20	502	0	-1304	46	10.05	10.05	4.02	4.02	-17.81	336.4
4	362	-4185	29	447	0	-1164	55	10.05	10.05	4.02	4.02	-15.93	297.0
5	362	-4085	35	432	0	-1129	61	10.05	10.05	4.02	4.02	-15.45	286.8

apost= 6.03			aant= 6.03			ainf= --			asup= --			(e arm. base= 4 X 2.01)	
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**ASTA NUM. 3** NI 3 NF 18 SEZ. Rp B= 30.0 H= 56.0 (pilastro)  
**PIL. NUM. 3**  
armatura base = 4 X 2.01 per le armature aggiuntive consultare il tabulato

Fessurazione eseguita mediante calcolo indiretto. Se w fessurazione non è rispettata, viene aggiunta armatura e indicata fra le note laterali

NC	x	Fx	[Fy]	[Fz]	[Mx]	My	Mz	APOST	AANT	AINF	ASUP	Sc	Sf
--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	cm		kg			kg*m					cm <sup>2</sup>		kg/cm <sup>2</sup>
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
3	0	-6055	0	515	0	426	0	10.05	10.05	4.02	4.02	-6.88	-91.6
4	0	-5650	0	458	0	374	0	10.05	10.05	4.02	4.02	-6.19	-82.8
5	0	-5550	0	443	0	358	0	10.05	10.05	4.02	4.02	-5.99	-80.2

apost= 6.03			aant= 6.03			ainf= --			asup= --			(e arm. base= 4 X 2.01)	
3	91	-5675	0	515	0	11	0	10.05	10.05	4.02	4.02	-3.15	-47.3
4	91	-5270	0	458	0	6	0	10.05	10.05	4.02	4.02	-2.93	-43.9
5	91	-5170	0	443	0	2	0	10.05	10.05	4.02	4.02	-2.87	-43.1

apost= 6.03			aant= 6.03			ainf= --			asup= --			(e arm. base= 4 X 2.01)	
3	181	-5295	0	515	0	-455	0	10.05	10.05	4.02	4.02	-6.92	-90.5
4	181	-4890	0	458	0	-409	0	10.05	10.05	4.02	4.02	-6.26	-82.1
5	181	-4790	0	443	0	-398	0	10.05	10.05	4.02	4.02	-6.11	-80.2

apost= 6.03			aant= 6.03			ainf= --			asup= --			(e arm. base= 4 X 2.01)	
3	272	-4915	0	515	0	-920	0	10.05	10.05	4.02	4.02	-12.89	173.9
4	272	-4510	0	458	0	-823	0	10.05	10.05	4.02	4.02	-11.54	151.5
5	272	-4410	0	443	0	-799	0	10.05	10.05	4.02	4.02	-11.21	145.9

apost= 6.03			aant= 6.03			ainf= --			asup= --			(e arm. base= 4 X 2.01)	
3	362	-4535	0	515	0	-1335	0	10.05	10.05	4.02	4.02	-18.19	350.9
4	362	-4130	0	458	0	-1191	0	10.05	10.05	4.02	4.02	-16.26	309.9
5	362	-4030	0	443	0	-1155	0	10.05	10.05	4.02	4.02	-15.77	299.4

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01)

ASTA NUM. 4 NI 4 NF 17 SEZ. Rp B= 30.0 H= 56.0 (pilastro)  
PIL. NUM. 4  
armatura base = 4 X 2.01 per le armature aggiuntive consultare il tabulato

Fessurazione eseguita mediante calcolo indiretto. Se w fessurazione non è rispettata, viene aggiunta armatura e indicata fra le note laterali

NC	x	Fx	[Fy]	[Fz]	[Mx]	My	Mz	APOST	AANT	AINF	ASUP	Sc	Sf
--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	cm		kg			kg*m				cm <sup>2</sup>		kg/cm <sup>2</sup>	

3	0	-6112	-20	502	0	413	22	10.05	10.05	4.02	4.02	-6.78	-90.5
4	0	-5706	-29	447	0	363	45	10.05	10.05	4.02	4.02	-6.11	-81.9
5	0	-5606	-35	432	0	348	60	10.05	10.05	4.02	4.02	-5.91	-79.4

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01)

3	91	-5732	-20	502	0	9	6	10.05	10.05	4.02	4.02	-3.22	-48.2
4	91	-5326	-29	447	0	3	22	10.05	10.05	4.02	4.02	-3.08	-45.9
5	91	-5226	-35	432	0	0	31	10.05	10.05	4.02	4.02	-3.07	-45.8

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01)

3	181	-5352	-20	502	0	-446	-12	10.05	10.05	4.02	4.02	-6.83	-89.7
4	181	-4946	-29	447	0	-401	-5	10.05	10.05	4.02	4.02	-6.19	-81.4
5	181	-4846	-35	432	0	-391	-1	10.05	10.05	4.02	4.02	-6.04	-79.5

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01)

3	272	-4971	-20	502	0	-900	-30	10.05	10.05	4.02	4.02	-12.63	164.2
4	272	-4565	-29	447	0	-805	-31	10.05	10.05	4.02	4.02	-11.31	142.8
5	272	-4465	-35	432	0	-781	-33	10.05	10.05	4.02	4.02	-10.99	137.5

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01)

3	362	-4591	-20	502	0	-1304	-46	10.05	10.05	4.02	4.02	-17.81	336.4
4	362	-4185	-29	447	0	-1164	-55	10.05	10.05	4.02	4.02	-15.93	297.0
5	362	-4085	-35	432	0	-1129	-61	10.05	10.05	4.02	4.02	-15.45	286.8

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01)

ASTA NUM. 5 NI 5 NF 16 SEZ. Rp B= 30.0 H= 56.0 (pilastro)  
PIL. NUM. 5  
armatura base = 4 X 2.01 per le armature aggiuntive consultare il tabulato

Fessurazione eseguita mediante calcolo indiretto. Se w fessurazione non è rispettata, viene aggiunta armatura e indicata fra le note laterali

NC	x	Fx	[Fy]	[Fz]	[Mx]	My	Mz	APOST	AANT	AINF	ASUP	Sc	Sf
--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	cm		kg			kg*m				cm <sup>2</sup>		kg/cm <sup>2</sup>	

3	0	-4019	-112	279	0	163	536	10.05	10.05	4.02	4.02	-5.24	-73.6
4	0	-3811	-113	250	0	140	534	10.05	10.05	4.02	4.02	-5.15	-72.2
5	0	-3757	-119	243	0	133	548	10.05	10.05	4.02	4.02	-5.24	-73.3

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01)

3	91	-3639	-112	279	0	-62	445	10.05	10.05	4.02	4.02	-4.48	-63.2
4	91	-3431	-113	250	0	-61	443	10.05	10.05	4.02	4.02	-4.37	-61.6
5	91	-3377	-119	243	0	-62	452	10.05	10.05	4.02	4.02	-4.42	-62.1

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01)

3	181	-3259	-112	279	0	-315	344	10.05	10.05	4.02	4.02	-4.68	-60.5
4	181	-3051	-113	250	0	-288	340	10.05	10.05	4.02	4.02	-4.30	-55.7
5	181	-2997	-119	243	0	-282	345	10.05	10.05	4.02	4.02	-4.21	-54.5

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01)

3	272	-2878	-112	279	0	-568	242	10.05	10.05	4.02	4.02	-7.93	112.9
4	272	-2671	-113	250	0	-515	237	10.05	10.05	4.02	4.02	-7.20	100.0
5	272	-2617	-119	243	0	-501	237	10.05	10.05	4.02	4.02	-7.01	96.9

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01)

3	362	-2498	-112	279	0	-793	129	10.05	10.05	4.02	4.02	-10.76	216.6
4	362	-2291	-113	250	0	-716	123	10.05	10.05	4.02	4.02	-9.73	194.2
5	362	-2237	-119	243	0	-697	118	10.05	10.05	4.02	4.02	-9.47	188.6

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01)

ASTA NUM. 6 NI 6 NF 15 SEZ. Rp B= 30.0 H= 56.0 (pilastro)  
PIL. NUM. 10  
armatura base = 4 X 2.01 per le armature aggiuntive consultare il tabulato

Fessurazione eseguita mediante calcolo indiretto. Se w fessurazione non è rispettata, viene aggiunta armatura e indicata fra le note laterali

NC	x	Fx	[Fy]	[Fz]	[Mx]	My	Mz	APOST	AANT	AINF	ASUP	Sc	Sf
--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	cm		kg			kg*m				cm <sup>2</sup>		kg/cm <sup>2</sup>	

3	0	-4019	-112	-279	0	-163	536	10.05	10.05	4.02	4.02	-5.24	-73.6
4	0	-3811	-113	-250	0	-140	534	10.05	10.05	4.02	4.02	-5.15	-72.2
5	0	-3757	-119	-243	0	-133	548	10.05	10.05	4.02	4.02	-5.24	-73.3

apost= 6.03 aant= 6.03 ainf= --					asup= --		(e arm. base= 4 X 2.01)						
3	91	-3639	-112	-279	0	62	445	10.05	10.05	4.02	4.02	-4.48	-63.2
4	91	-3431	-113	-250	0	61	443	10.05	10.05	4.02	4.02	-4.37	-61.6
5	91	-3377	-119	-243	0	62	452	10.05	10.05	4.02	4.02	-4.42	-62.1

apost= 6.03 aant= 6.03 ainf= --					asup= --		(e arm. base= 4 X 2.01)						
3	181	-3259	-112	-279	0	315	344	10.05	10.05	4.02	4.02	-4.68	-60.5
4	181	-3051	-113	-250	0	288	340	10.05	10.05	4.02	4.02	-4.30	-55.7
5	181	-2997	-119	-243	0	282	345	10.05	10.05	4.02	4.02	-4.21	-54.5

apost= 6.03 aant= 6.03 ainf= --					asup= --		(e arm. base= 4 X 2.01)						
3	272	-2878	-112	-279	0	568	242	10.05	10.05	4.02	4.02	-7.93	112.9
4	272	-2671	-113	-250	0	515	237	10.05	10.05	4.02	4.02	-7.20	100.0
5	272	-2617	-119	-243	0	501	237	10.05	10.05	4.02	4.02	-7.01	96.9

apost= 6.03 aant= 6.03 ainf= --					asup= --		(e arm. base= 4 X 2.01)						
3	362	-2498	-112	-279	0	793	129	10.05	10.05	4.02	4.02	-10.76	216.6
4	362	-2291	-113	-250	0	716	123	10.05	10.05	4.02	4.02	-9.73	194.2
5	362	-2237	-119	-243	0	697	118	10.05	10.05	4.02	4.02	-9.47	188.6

apost= 6.03 aant= 6.03 ainf= --			asup= --			(e arm. base= 4 X 2.01)						
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**ASTA NUM. 7** NI 7 NF 14 SEZ. Rp B= 30.0 H= 56.0 (pilastro)  
**PIL. NUM. 9**  
armatura base = 4 X 2.01 per le armature aggiuntive consultare il tabulato

Fessurazione eseguita mediante calcolo indiretto. Se w fessurazione non è rispettata, viene aggiunta armatura e indicata fra le note laterali

NC	x	Fx	[Fy]	[Fz]	[Mx]	My	Mz	APOST	AANT	AINF	ASUP	Sc	Sf
--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	cm		kg			kg*m				cm <sup>2</sup>		kg/cm <sup>2</sup>	
-----													
3	0	-6112	-20	-502	0	-413	22	10.05	10.05	4.02	4.02	-6.78	-90.5
4	0	-5706	-29	-447	0	-363	45	10.05	10.05	4.02	4.02	-6.11	-81.9
5	0	-5606	-35	-432	0	-348	60	10.05	10.05	4.02	4.02	-5.91	-79.4

apost= 6.03 aant= 6.03 ainf= --					asup= --		(e arm. base= 4 X 2.01)						
3	91	-5732	-20	-502	0	-9	6	10.05	10.05	4.02	4.02	-3.22	-48.2
4	91	-5326	-29	-447	0	-3	22	10.05	10.05	4.02	4.02	-3.08	-45.9
5	91	-5226	-35	-432	0	-0	31	10.05	10.05	4.02	4.02	-3.07	-45.8

apost= 6.03 aant= 6.03 ainf= --			asup= --			(e arm. base= 4 X 2.01)							
3	181	-5352	-20	-502	0	446	-12	10.05	10.05	4.02	4.02	-6.83	-89.7
4	181	-4946	-29	-447	0	401	-5	10.05	10.05	4.02	4.02	-6.19	-81.4
5	181	-4846	-35	-432	0	391	-1	10.05	10.05	4.02	4.02	-6.04	-79.5

apost= 6.03 aant= 6.03 ainf= --					asup= --		(e arm. base= 4 X 2.01)						
3	272	-4971	-20	-502	0	900	-30	10.05	10.05	4.02	4.02	-12.63	164.2
4	272	-4565	-29	-447	0	805	-31	10.05	10.05	4.02	4.02	-11.31	142.8
5	272	-4465	-35	-432	0	781	-33	10.05	10.05	4.02	4.02	-10.99	137.5

apost= 6.03 aant= 6.03 ainf= --					asup= --		(e arm. base= 4 X 2.01)						
3	362	-4591	-20	-502	0	1304	-46	10.05	10.05	4.02	4.02	-17.81	336.4
4	362	-4185	-29	-447	0	1164	-55	10.05	10.05	4.02	4.02	-15.93	297.0
5	362	-4085	-35	-432	0	1129	-61	10.05	10.05	4.02	4.02	-15.45	286.8

apost= 6.03 aant= 6.03 ainf= --			asup= --			(e arm. base= 4 X 2.01)						
---------------------------------	--	--	----------	--	--	-------------------------	--	--	--	--	--	--

**ASTA NUM. 8** NI 8 NF 13 SEZ. Rp B= 30.0 H= 56.0 (pilastro)  
**PIL. NUM. 8**  
armatura base = 4 X 2.01 per le armature aggiuntive consultare il tabulato

Fessurazione eseguita mediante calcolo indiretto. Se w fessurazione non è rispettata, viene aggiunta armatura e indicata fra le note laterali

NC	x	Fx	[Fy]	[Fz]	[Mx]	My	Mz	APOST	AANT	AINF	ASUP	Sc	Sf
--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	cm		kg			kg*m				cm <sup>2</sup>		kg/cm <sup>2</sup>	
-----													
3	0	-6055	0	-515	0	-426	0	10.05	10.05	4.02	4.02	-6.88	-91.6
4	0	-5650	0	-458	0	-374	0	10.05	10.05	4.02	4.02	-6.19	-82.8
5	0	-5550	0	-443	0	-358	0	10.05	10.05	4.02	4.02	-5.99	-80.2

apost= 6.03 aant= 6.03 ainf= --					asup= --		(e arm. base= 4 X 2.01)						
3	91	-5675	0	-515	0	-11	0	10.05	10.05	4.02	4.02	-3.15	-47.3
4	91	-5270	0	-458	0	-6	0	10.05	10.05	4.02	4.02	-2.93	-43.9
5	91	-5170	0	-443	0	-2	0	10.05	10.05	4.02	4.02	-2.87	-43.1

apost= 6.03 aant= 6.03 ainf= --			asup= --			(e arm. base= 4 X 2.01)							
3	181	-5295	0	-515	0	455	0	10.05	10.05	4.02	4.02	-6.92	-90.5
4	181	-4890	0	-458	0	409	0	10.05	10.05	4.02	4.02	-6.26	-82.1
5	181	-4790	0	-443	0	398	0	10.05	10.05	4.02	4.02	-6.11	-80.2

apost= 6.03 aant= 6.03 ainf= --					asup= --		(e arm. base= 4 X 2.01)						
3	272	-4915	0	-515	0	920	0	10.05	10.05	4.02	4.02	-12.89	173.9
4	272	-4510	0	-458	0	823	0	10.05	10.05	4.02	4.02	-11.54	151.5
5	272	-4410	0	-443	0	799	0	10.05	10.05	4.02	4.02	-11.21	145.9

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01)

3	362	-4535	0	-515	0	1335	0	10.05	10.05	4.02	4.02	-18.19	350.9
4	362	-4130	0	-458	0	1191	0	10.05	10.05	4.02	4.02	-16.26	309.9
5	362	-4030	0	-443	0	1155	0	10.05	10.05	4.02	4.02	-15.77	299.4

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01)

ASTA NUM. 9 NI 9 NF 12 SEZ. Rp B= 30.0 H= 56.0 (pilastro)  
PIL. NUM. 7  
armatura base = 4 X 2.01 per le armature aggiuntive consultare il tabulato

Fessurazione eseguita mediante calcolo indiretto. Se w fessurazione non è rispettata, viene aggiunta armatura e indicata fra le note laterali

NC	x	Fx	[Fy]	[Fz]	[Mx]	My	Mz	APOST	AANT	AINF	ASUP	Sc	Sf
--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	cm		kg			kg*m				cm <sup>2</sup>		kg/cm <sup>2</sup>	
3	0	-6112	20	-502	0	-413	-22	10.05	10.05	4.02	4.02	-6.78	-90.5
4	0	-5706	29	-447	0	-363	-45	10.05	10.05	4.02	4.02	-6.11	-81.9
5	0	-5606	35	-432	0	-348	-60	10.05	10.05	4.02	4.02	-5.91	-79.4

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01)

3	91	-5732	20	-502	0	-9	-6	10.05	10.05	4.02	4.02	-3.22	-48.2
4	91	-5326	29	-447	0	-3	-22	10.05	10.05	4.02	4.02	-3.08	-45.9
5	91	-5226	35	-432	0	-0	-31	10.05	10.05	4.02	4.02	-3.07	-45.8

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01)

3	181	-5352	20	-502	0	446	12	10.05	10.05	4.02	4.02	-6.83	-89.7
4	181	-4946	29	-447	0	401	5	10.05	10.05	4.02	4.02	-6.19	-81.4
5	181	-4846	35	-432	0	391	1	10.05	10.05	4.02	4.02	-6.04	-79.5

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01)

3	272	-4971	20	-502	0	900	30	10.05	10.05	4.02	4.02	-12.63	164.2
4	272	-4565	29	-447	0	805	31	10.05	10.05	4.02	4.02	-11.31	142.8
5	272	-4465	35	-432	0	781	33	10.05	10.05	4.02	4.02	-10.99	137.5

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01)

3	362	-4591	20	-502	0	1304	46	10.05	10.05	4.02	4.02	-17.81	336.4
4	362	-4185	29	-447	0	1164	55	10.05	10.05	4.02	4.02	-15.93	297.0
5	362	-4085	35	-432	0	1129	61	10.05	10.05	4.02	4.02	-15.45	286.8

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01)

ASTA NUM. 10 NI 10 NF 11 SEZ. Rp B= 30.0 H= 56.0 (pilastro)  
PIL. NUM. 6  
armatura base = 4 X 2.01 per le armature aggiuntive consultare il tabulato

Fessurazione eseguita mediante calcolo indiretto. Se w fessurazione non è rispettata, viene aggiunta armatura e indicata fra le note laterali

NC	x	Fx	[Fy]	[Fz]	[Mx]	My	Mz	APOST	AANT	AINF	ASUP	Sc	Sf
--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	cm		kg			kg*m				cm <sup>2</sup>		kg/cm <sup>2</sup>	
3	0	-4019	112	-279	0	-163	-536	10.05	10.05	4.02	4.02	-5.24	-73.6
4	0	-3811	113	-250	0	-140	-534	10.05	10.05	4.02	4.02	-5.15	-72.2
5	0	-3757	119	-243	0	-133	-548	10.05	10.05	4.02	4.02	-5.24	-73.3

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01)

3	91	-3639	112	-279	0	62	-445	10.05	10.05	4.02	4.02	-4.48	-63.2
4	91	-3431	113	-250	0	61	-443	10.05	10.05	4.02	4.02	-4.37	-61.6
5	91	-3377	119	-243	0	62	-452	10.05	10.05	4.02	4.02	-4.42	-62.1

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01)

3	181	-3259	112	-279	0	315	-344	10.05	10.05	4.02	4.02	-4.68	-60.5
4	181	-3051	113	-250	0	288	-340	10.05	10.05	4.02	4.02	-4.30	-55.7
5	181	-2997	119	-243	0	282	-345	10.05	10.05	4.02	4.02	-4.21	-54.5

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01)

3	272	-2878	112	-279	0	568	-242	10.05	10.05	4.02	4.02	-7.93	112.9
4	272	-2671	113	-250	0	515	-237	10.05	10.05	4.02	4.02	-7.20	100.0
5	272	-2617	119	-243	0	501	-237	10.05	10.05	4.02	4.02	-7.01	96.9

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01)

3	362	-2498	112	-279	0	793	-129	10.05	10.05	4.02	4.02	-10.76	216.6
4	362	-2291	113	-250	0	716	-123	10.05	10.05	4.02	4.02	-9.73	194.2
5	362	-2237	119	-243	0	697	-118	10.05	10.05	4.02	4.02	-9.47	188.6

apost= 6.03 aant= 6.03 ainf= -- asup= -- (e arm. base= 4 X 2.01)

L E G E N D A													
Prima asta	Ultima asta	Nome disegno						Descrizione disegno					
1	10	Strutturale001_IP1.YPI						Pilastri					

STAMPA DEI DATI DI PROGETTO

INTESTAZIONE E DATI CARATTERISTICI DELLA STRUTTURA

Nome dell'archivio di lavoro	Strutturale SLD
Intestazione del lavoro	Strutturale SLD
Tipo di struttura	Nello Spazio
Tipo di analisi	Statica e Dinamica
Tipo di soluzione	Lineare
Unita' di misura delle forze	kg
Unita' di misura delle lunghezze	cm
Normativa	NTC/2008

NORMATIVA

Vita nominale costruzione	50 anni
Classe d'uso costruzione	II
Vita di riferimento	50 anni
Spettro di risposta	Stato limite di danno
Probabilita' di superamento periodo di riferimento	63
Tempo di ritorno del sisma	50 anni
Localita'	Magliano di Tenna
ag/g	0.068
F0	2.44
Tc	0.29
Categoria del suolo	C
Fattore topografico	1

STATO LIMITE DI DANNO

Coefficiente di smorzamento	5%
Eccentricita' accidentale	5%
Numero di frequenze	10

PARAMETRI SISMICI

Angolo del sisma nel piano orizzontale	0
Sisma verticale	Assente
Combinazione dei modi	CQC
Combinazione componenti azioni sismiche	NTC 2008 - Eurocodice 8
$\lambda$	0.3
$\mu$	0.3



## SPOSTAMENTI/ROTAZIONI NODI NON BLOCCATI

### COMBINAZIONE DI CARICO: 6 - DESCRIZIONE: S.L.D.

Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
1	+0.00e+000	+0.00e+000	-2.43e-001	+5.78e-005	-5.26e-005	+0.00e+000
2	+0.00e+000	+0.00e+000	-2.35e-001	+5.46e-005	-2.74e-006	+0.00e+000
3	+0.00e+000	+0.00e+000	-2.35e-001	+5.51e-005	+7.05e-011	+0.00e+000
4	+0.00e+000	+0.00e+000	-2.35e-001	+5.46e-005	+2.74e-006	+0.00e+000
5	+0.00e+000	+0.00e+000	-2.43e-001	+5.78e-005	+5.26e-005	+0.00e+000
6	+0.00e+000	+0.00e+000	-2.43e-001	+5.78e-005	+5.26e-005	+0.00e+000
7	+0.00e+000	+0.00e+000	-2.35e-001	-5.46e-005	+2.74e-006	+0.00e+000
8	+0.00e+000	+0.00e+000	-2.35e-001	-5.51e-005	+4.57e-011	+0.00e+000
9	+0.00e+000	+0.00e+000	-2.35e-001	-5.46e-005	-2.74e-006	+0.00e+000
10	+0.00e+000	+0.00e+000	-2.43e-001	-5.78e-005	-5.26e-005	+0.00e+000
11	+1.49e-007	+8.04e-009	-2.45e-001	+1.88e-004	+3.36e-005	-1.60e-011
12	+1.49e-007	+2.62e-009	-2.38e-001	+2.86e-004	-2.91e-006	-1.60e-011
13	+1.49e-007	-2.81e-009	-2.38e-001	+2.92e-004	+5.00e-010	-1.60e-011
14	+1.49e-007	-8.23e-009	-2.38e-001	+2.86e-004	+2.91e-006	-1.60e-011
15	+1.49e-007	-1.37e-008	-2.45e-001	+1.88e-004	-3.36e-005	-1.60e-011
16	+1.44e-007	-1.37e-008	-2.45e-001	-1.88e-004	-3.36e-005	-1.60e-011
17	+1.44e-007	-8.23e-009	-2.38e-001	-2.86e-004	+2.91e-006	-1.60e-011
18	+1.44e-007	-2.81e-009	-2.38e-001	-2.92e-004	+4.49e-010	-1.60e-011
19	+1.44e-007	+2.62e-009	-2.38e-001	-2.86e-004	-2.91e-006	-1.60e-011
20	+1.44e-007	+8.04e-009	-2.45e-001	-1.88e-004	+3.36e-005	-1.60e-011
69	+0.00e+000	+0.00e+000	-2.36e-001	+3.34e-005	-4.27e-005	+0.00e+000
70	+0.00e+000	+0.00e+000	-2.34e-001	+3.24e-005	+2.30e-006	+0.00e+000
71	+0.00e+000	+0.00e+000	-2.36e-001	-3.34e-005	-4.27e-005	+0.00e+000
72	+0.00e+000	+0.00e+000	-2.34e-001	-3.24e-005	+2.30e-006	+0.00e+000
73	+0.00e+000	+0.00e+000	-2.31e-001	-2.36e-005	-3.33e-006	+0.00e+000
74	+0.00e+000	+0.00e+000	-2.31e-001	+2.36e-005	-3.33e-006	+0.00e+000
75	+0.00e+000	+0.00e+000	-2.38e-001	-2.73e-005	-4.10e-005	+0.00e+000
76	+0.00e+000	+0.00e+000	-2.38e-001	+2.73e-005	-4.10e-005	+0.00e+000
77	+0.00e+000	+0.00e+000	-2.33e-001	+1.79e-005	-3.36e-005	+0.00e+000
78	+0.00e+000	+0.00e+000	-2.31e-001	+1.71e-005	-3.74e-006	+0.00e+000
79	+0.00e+000	+0.00e+000	-2.33e-001	-1.79e-005	-3.36e-005	+0.00e+000
80	+0.00e+000	+0.00e+000	-2.31e-001	-1.71e-005	-3.74e-006	+0.00e+000
81	+0.00e+000	+0.00e+000	-2.33e-001	+3.30e-005	-1.48e-005	+0.00e+000
82	+0.00e+000	+0.00e+000	-2.33e-001	+3.31e-005	+1.50e-005	+0.00e+000
83	+0.00e+000	+0.00e+000	-2.33e-001	-3.30e-005	-1.48e-005	+0.00e+000
84	+0.00e+000	+0.00e+000	-2.33e-001	-3.31e-005	+1.50e-005	+0.00e+000
85	+0.00e+000	+0.00e+000	-2.31e-001	-2.37e-005	+1.66e-012	+0.00e+000
86	+0.00e+000	+0.00e+000	-2.31e-001	+2.37e-005	+1.13e-011	+0.00e+000
87	+0.00e+000	+0.00e+000	-2.30e-001	+1.72e-005	-8.28e-006	+0.00e+000
88	+0.00e+000	+0.00e+000	-2.30e-001	+1.72e-005	+8.46e-006	+0.00e+000
89	+0.00e+000	+0.00e+000	-2.30e-001	-1.72e-005	-8.28e-006	+0.00e+000
90	+0.00e+000	+0.00e+000	-2.30e-001	-1.72e-005	+8.46e-006	+0.00e+000
91	+0.00e+000	+0.00e+000	-2.33e-001	+3.31e-005	-1.50e-005	+0.00e+000
92	+0.00e+000	+0.00e+000	-2.33e-001	+3.30e-005	+1.48e-005	+0.00e+000
93	+0.00e+000	+0.00e+000	-2.33e-001	-3.31e-005	-1.50e-005	+0.00e+000
94	+0.00e+000	+0.00e+000	-2.33e-001	-3.30e-005	+1.48e-005	+0.00e+000
95	+0.00e+000	+0.00e+000	-2.31e-001	-2.36e-005	+3.33e-006	+0.00e+000
96	+0.00e+000	+0.00e+000	-2.31e-001	+2.36e-005	+3.33e-006	+0.00e+000
97	+0.00e+000	+0.00e+000	-2.30e-001	+1.72e-005	-8.46e-006	+0.00e+000
98	+0.00e+000	+0.00e+000	-2.30e-001	+1.72e-005	+8.28e-006	+0.00e+000
99	+0.00e+000	+0.00e+000	-2.30e-001	-1.72e-005	-8.46e-006	+0.00e+000
100	+0.00e+000	+0.00e+000	-2.30e-001	-1.72e-005	+8.28e-006	+0.00e+000
101	+0.00e+000	+0.00e+000	-2.34e-001	+3.24e-005	-2.30e-006	+0.00e+000
102	+0.00e+000	+0.00e+000	-2.36e-001	+3.34e-005	+4.27e-005	+0.00e+000
103	+0.00e+000	+0.00e+000	-2.34e-001	-3.24e-005	-2.30e-006	+0.00e+000
104	+0.00e+000	+0.00e+000	-2.36e-001	-3.34e-005	+4.27e-005	+0.00e+000
105	+0.00e+000	+0.00e+000	-2.38e-001	-2.73e-005	+4.10e-005	+0.00e+000
106	+0.00e+000	+0.00e+000	-2.38e-001	+2.73e-005	+4.10e-005	+0.00e+000
107	+0.00e+000	+0.00e+000	-2.31e-001	+1.71e-005	+3.74e-006	+0.00e+000
108	+0.00e+000	+0.00e+000	-2.33e-001	+1.79e-005	+3.36e-005	+0.00e+000
109	+0.00e+000	+0.00e+000	-2.31e-001	-1.71e-005	+3.74e-006	+0.00e+000

Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
110	+0.00e+000	+0.00e+000	-2.33e-001	-1.79e-005	+3.36e-005	+0.00e+000

MASSIME DEFORMAZIONI NODALI

	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z	DLMax
Deform. nodali	+1.49e-007	-1.37e-008	-2.45e-001	+2.92e-004	-5.26e-005	-1.60e-011	+2.45e-001
Nodo	11	15	11	13	1	11	11

FORZE/MOMENTI

FORZE MOMENTI PER GRUPPI TRAVE

GRUPPO NUMERO: 1 - DESCRIZIONE: PILASTRI

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 1 - C.c: 6	3.757e+03	-2.237e+03	1.188e+02	-1.188e+02	-2.426e+02	2.426e+02	2.175e-03	-2.175e-03	1.571e+04	7.210e+04	5.599e+04	-1.298e+04
El: 2 - C.c: 6	5.606e+03	-4.085e+03	3.520e+01	-3.520e+01	-4.318e+02	4.318e+02	2.175e-03	-2.175e-03	3.908e+04	1.172e+05	6.304e+03	6.438e+03
El: 3 - C.c: 6	5.550e+03	-4.030e+03	1.718e-03	-1.718e-03	-4.425e+02	4.425e+02	2.175e-03	-2.175e-03	4.025e+04	1.199e+05	4.622e-01	1.596e-01
El: 4 - C.c: 6	5.606e+03	-4.085e+03	-3.520e+01	3.520e+01	-4.318e+02	4.318e+02	2.175e-03	-2.175e-03	3.908e+04	1.172e+05	-6.304e+03	-6.438e+03
El: 5 - C.c: 6	3.757e+03	-2.237e+03	-1.188e+02	1.188e+02	-2.426e+02	2.426e+02	2.175e-03	-2.175e-03	1.571e+04	7.210e+04	-5.599e+04	1.298e+04
El: 6 - C.c: 6	3.757e+03	-2.237e+03	-1.188e+02	1.188e+02	2.426e+02	-2.426e+02	2.175e-03	-2.175e-03	-1.571e+04	-7.210e+04	-5.599e+04	1.298e+04
El: 7 - C.c: 6	5.606e+03	-4.085e+03	-3.520e+01	3.520e+01	4.318e+02	-4.318e+02	2.175e-03	-2.175e-03	-3.908e+04	-1.172e+05	-6.304e+03	-6.438e+03
El: 8 - C.c: 6	5.550e+03	-4.030e+03	2.161e-03	-2.161e-03	4.425e+02	-4.425e+02	2.175e-03	-2.175e-03	-4.025e+04	-1.199e+05	5.312e-01	2.510e-01
El: 9 - C.c: 6	5.606e+03	-4.085e+03	3.520e+01	-3.520e+01	4.318e+02	-4.318e+02	2.175e-03	-2.175e-03	-3.908e+04	-1.172e+05	6.304e+03	6.438e+03
El: 10 - C.c: 6	3.757e+03	-2.237e+03	1.188e+02	-1.188e+02	2.426e+02	-2.426e+02	2.175e-03	-2.175e-03	-1.571e+04	-7.210e+04	5.599e+04	-1.298e+04

GRUPPO NUMERO: 2 - DESCRIZIONE: TRAVI

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 1 - C.c: 6	0.000e+00	0.000e+00	1.879e+03	1.879e+03	-1.504e-18	1.504e-18	-4.111e-03	4.111e-03	2.323e-16	2.323e-16	6.541e+04	-6.541e+04
El: 2 - C.c: 6	0.000e+00	0.000e+00	3.218e+03	3.218e+03	-8.584e-11	8.584e-11	-5.115e-03	5.115e-03	9.227e-02	-9.227e-02	1.175e+05	-1.175e+05
El: 3 - C.c: 6	0.000e+00	0.000e+00	3.218e+03	3.218e+03	-2.430e-10	2.430e-10	-5.200e-03	5.200e-03	1.886e-01	-1.886e-01	1.165e+05	-1.165e+05
El: 4 - C.c: 6	0.000e+00	0.000e+00	3.217e+03	3.218e+03	-8.274e-10	8.274e-10	-6.040e-03	6.040e-03	2.768e-01	-2.768e-01	1.175e+05	-1.175e+05
El: 5 - C.c: 6	0.000e+00	0.000e+00	1.879e+03	1.879e+03	-1.388e-09	1.388e-09	-3.229e-03	3.229e-03	2.425e-01	-2.425e-01	6.541e+04	-6.541e+04
El: 6 - C.c: 6	-4.141e-21	4.141e-21	3.580e+02	4.580e+02	6.791e-07	-6.791e-07	4.897e+03	-4.897e+03	-1.381e-04	-9.281e-05	1.298e+04	-3.000e+04
El: 7 - C.c: 6	-4.141e-21	4.141e-21	4.098e+02	4.062e+02	-2.468e-08	2.468e-08	3.134e+02	-3.134e+02	6.002e-06	2.390e-06	2.356e+04	-2.294e+04
El: 8 - C.c: 6	-4.141e-21	4.141e-21	4.062e+02	4.098e+02	2.469e-08	-2.469e-08	-3.134e+02	3.134e+02	-2.392e-06	-6.004e-06	2.294e+04	-2.356e+04
El: 9 - C.c: 6	-4.141e-21	4.141e-21	4.580e+02	3.580e+02	-6.791e-07	6.791e-07	-4.897e+03	4.897e+03	9.281e-05	1.381e-04	3.000e+04	-1.298e+04
El: 10 - C.c: 6	2.247e-21	-2.247e-21	3.580e+02	4.580e+02	4.007e-05	-4.007e-05	-4.897e+03	4.897e+03	-8.148e-03	-5.476e-03	1.298e+04	-3.000e+04
El: 11 - C.c: 6	5.193e-21	-5.193e-21	4.098e+02	4.062e+02	-1.456e-06	1.456e-06	-3.134e+02	3.134e+02	3.541e-04	1.410e-04	2.356e+04	-2.294e+04
El: 12 - C.c: 6	2.247e-21	-2.247e-21	4.062e+02	4.098e+02	1.457e-06	-1.457e-06	3.134e+02	-3.134e+02	-1.411e-04	-3.542e-04	2.294e+04	-2.356e+04
El: 13 - C.c: 6	2.247e-21	-2.247e-21	4.580e+02	3.580e+02	-4.007e-05	4.007e-05	4.897e+03	-4.897e+03	5.475e-03	8.148e-03	3.000e+04	-1.298e+04

FORZE MOMENTI PER GRUPPI PIASTRA

GRUPPO NUMERO: 1 - DESCRIZIONE: PLATEA

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
1	6	0.000e+000	0.000e+000	0.000e+000	1.852e+002	4.277e+002	2.421e+002	2.10085	2.10085
2	6	0.000e+000	0.000e+000	0.000e+000	6.232e+002	3.467e+002	1.279e+001	2.02988	2.02988
3	6	0.000e+000	0.000e+000	0.000e+000	1.309e+001	4.087e+002	-2.039e+002	2.0075	2.0075
4	6	0.000e+000	0.000e+000	0.000e+000	2.126e+002	8.212e+002	-5.842e-005	2.76836	2.76836
5	6	0.000e+000	0.000e+000	0.000e+000	5.457e+002	6.803e+002	-5.700e-005	2.33994	2.33994
6	6	0.000e+000	0.000e+000	0.000e+000	9.370e+001	7.273e+002	-5.605e-005	2.56977	2.56977
7	6	0.000e+000	0.000e+000	0.000e+000	1.852e+002	4.277e+002	-2.421e+002	2.10085	2.10085
8	6	0.000e+000	0.000e+000	0.000e+000	6.232e+002	3.467e+002	-1.279e+001	2.02988	2.02988
9	6	0.000e+000	0.000e+000	0.000e+000	1.309e+001	4.087e+002	2.039e+002	2.0075	2.0075
10	6	0.000e+000	0.000e+000	0.000e+000	1.852e+002	4.277e+002	2.421e+002	2.10085	2.10085
11	6	0.000e+000	0.000e+000	0.000e+000	6.231e+002	3.467e+002	1.279e+001	2.02957	2.02957
12	6	0.000e+000	0.000e+000	0.000e+000	1.308e+001	4.087e+002	-2.039e+002	2.00752	2.00752
13	6	0.000e+000	0.000e+000	0.000e+000	2.126e+002	8.212e+002	8.207e-005	2.76836	2.76836
14	6	0.000e+000	0.000e+000	0.000e+000	5.457e+002	6.803e+002	-1.342e-004	2.33994	2.33994
15	6	0.000e+000	0.000e+000	0.000e+000	9.369e+001	7.273e+002	-2.917e-004	2.56978	2.56978

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
16	6	0.000e+000	0.000e+000	0.000e+000	1.852e+002	4.277e+002	-2.421e+002	2.10085	2.10085
17	6	0.000e+000	0.000e+000	0.000e+000	6.231e+002	3.467e+002	-1.279e+001	2.02957	2.02957
18	6	0.000e+000	0.000e+000	0.000e+000	1.308e+001	4.087e+002	2.039e+002	2.00752	2.00752
19	6	0.000e+000	0.000e+000	0.000e+000	-8.420e+001	4.010e+002	1.990e+002	2.12284	2.12284
20	6	0.000e+000	0.000e+000	0.000e+000	4.010e+002	3.267e+002	-7.150e-002	1.38561	1.38561
21	6	0.000e+000	0.000e+000	0.000e+000	-1.343e+002	4.001e+002	-2.024e+002	2.23352	2.23352
22	6	0.000e+000	0.000e+000	0.000e+000	9.461e+000	7.200e+002	-2.839e-004	2.68244	2.68244
23	6	0.000e+000	0.000e+000	0.000e+000	3.376e+002	6.459e+002	-2.647e-004	2.09834	2.09834
24	6	0.000e+000	0.000e+000	0.000e+000	-4.588e+001	7.131e+002	-1.842e-004	2.76417	2.76417
25	6	0.000e+000	0.000e+000	0.000e+000	-8.420e+001	4.010e+002	-1.990e+002	2.12284	2.12284
26	6	0.000e+000	0.000e+000	0.000e+000	4.010e+002	3.267e+002	7.098e-002	1.38561	1.38561
27	6	0.000e+000	0.000e+000	0.000e+000	-1.343e+002	4.001e+002	2.024e+002	2.23352	2.23352
28	6	0.000e+000	0.000e+000	0.000e+000	-1.343e+002	4.001e+002	2.024e+002	2.23352	2.23352
29	6	0.000e+000	0.000e+000	0.000e+000	4.010e+002	3.267e+002	7.106e-002	1.38561	1.38561
30	6	0.000e+000	0.000e+000	0.000e+000	-8.421e+001	4.010e+002	-1.990e+002	2.12286	2.12286
31	6	0.000e+000	0.000e+000	0.000e+000	-4.588e+001	7.131e+002	-1.320e-004	2.76417	2.76417
32	6	0.000e+000	0.000e+000	0.000e+000	3.376e+002	6.459e+002	-1.232e-004	2.09834	2.09834
33	6	0.000e+000	0.000e+000	0.000e+000	9.455e+000	7.200e+002	-8.141e-005	2.68245	2.68245
34	6	0.000e+000	0.000e+000	0.000e+000	-1.343e+002	4.001e+002	-2.024e+002	2.23352	2.23352
35	6	0.000e+000	0.000e+000	0.000e+000	4.010e+002	3.267e+002	-7.130e-002	1.38561	1.38561
36	6	0.000e+000	0.000e+000	0.000e+000	-8.421e+001	4.010e+002	1.990e+002	2.12286	2.12286

## MASSIME TENSIONI/MOMENTI /ELEMENTI E COMB.CARICO CORRISPONDENTI

	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf.
Max. neg.	+0.00e+000	+0.00e+000	+0.00e+000	-1.34e+002	+0.00e+000	-2.42e+002	+0.00e+000	+0.00e+000
Elem/c.c.	0/ 0	0/ 0	0/ 0	21/ 1	0/ 0	7/ 1	0/ 0	0/ 0
Max. pos.	+0.00e+000	+0.00e+000	+0.00e+000	+6.23e+002	+8.21e+002	+2.42e+002	+2.77e+000	+2.77e+000
Elem/c.c.	0/ 0	0/ 0	0/ 0	2/ 1	4/ 1	1/ 1	4/ 1	4/ 1

## FORZE MOMENTI PER GRUPPI TRAVE DI FONDAZIONE

### GRUPPO NUMERO: 1 - DESCRIZIONE: TRAVI DI FONDAZIONE

#### TRAVE NUMERO: 1 - LUNGHEZZA: 113.33

Dist.	c.c.	Fy	Mx	Mz	Spost.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	6	-8.725e+002	+1.737e+004	-3.344e+004	-2.426e-001	+5.784e-005	-5.261e-005	0.24262
37.778	6	-8.725e+002	+1.737e+004	-4.775e+002	-2.403e-001	+4.971e-005	-5.989e-005	0.24032
75.556	6	-6.075e+002	+1.737e+004	+2.247e+004	-2.380e-001	+4.158e-005	-5.517e-005	0.23802
113.333	6	+3.468e+002	-1.737e+004	-3.557e+004	-2.361e-001	+3.344e-005	-4.271e-005	0.23610

#### TRAVE NUMERO: 2 - LUNGHEZZA: 113.33

Dist.	c.c.	Fy	Mx	Mz	Spost.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	6	-9.402e+002	+1.535e+004	-5.467e+004	-2.352e-001	+5.456e-005	-2.740e-006	0.23521
37.778	6	-9.402e+002	+1.535e+004	-1.915e+004	-2.346e-001	+4.737e-005	-1.859e-005	0.23461
75.556	6	-6.859e+002	+1.535e+004	+6.763e+003	-2.337e-001	+4.018e-005	-2.124e-005	0.23372
113.333	6	+4.334e+002	-1.535e+004	-2.313e+004	-2.330e-001	+3.300e-005	-1.483e-005	0.23295

#### TRAVE NUMERO: 3 - LUNGHEZZA: 113.33

Dist.	c.c.	Fy	Mx	Mz	Spost.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	6	-9.535e+002	+1.567e+004	-5.770e+004	-2.351e-001	+5.507e-005	+7.050e-011	0.23512
37.778	6	-9.535e+002	+1.567e+004	-2.168e+004	-2.346e-001	+4.773e-005	-1.704e-005	0.23460
75.556	6	-6.992e+002	+1.567e+004	+4.737e+003	-2.337e-001	+4.039e-005	-2.067e-005	0.23374
113.333	6	+4.466e+002	-1.567e+004	-2.161e+004	-2.330e-001	+3.305e-005	-1.502e-005	0.23298

#### TRAVE NUMERO: 4 - LUNGHEZZA: 113.33

Dist.	c.c.	Fy	Mx	Mz	Spost.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	6	-9.830e+002	+1.578e+004	-5.161e+004	-2.352e-001	+5.456e-005	+2.740e-006	0.23521
37.778	6	-9.830e+002	+1.578e+004	-1.447e+004	-2.348e-001	+4.717e-005	-1.144e-005	0.23484
75.556	6	-7.283e+002	+1.578e+004	+1.304e+004	-2.343e-001	+3.978e-005	-1.175e-005	0.23426
113.333	6	+4.747e+002	-1.578e+004	-3.097e+004	-2.339e-001	+3.239e-005	-2.305e-006	0.23389

#### TRAVE NUMERO: 5 - LUNGHEZZA: 113.33

Dist.	c.c.	Fy	Mx	Mz	Spost.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	6	-8.725e+002	-1.737e+004	-3.344e+004	-2.426e-001	-5.784e-005	-5.261e-005	0.24262
37.778	6	-8.725e+002	-1.737e+004	-4.775e+002	-2.403e-001	-4.971e-005	-5.989e-005	0.24032
75.556	6	-6.075e+002	-1.737e+004	+2.247e+004	-2.380e-001	-4.158e-005	-5.517e-005	0.23802
113.333	6	+3.468e+002	+1.737e+004	-3.557e+004	-2.361e-001	-3.344e-005	-4.271e-005	0.23610

#### TRAVE NUMERO: 6 - LUNGHEZZA: 113.33

Dist.	c.c.	Fy	Mx	Mz	Spost.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	6	-9.402e+002	-1.535e+004	-5.467e+004	-2.352e-001	-5.456e-005	-2.740e-006	0.23521
37.778	6	-9.402e+002	-1.535e+004	-1.915e+004	-2.346e-001	-4.737e-005	-1.859e-005	0.23461
75.556	6	-6.859e+002	-1.535e+004	+6.763e+003	-2.337e-001	-4.018e-005	-2.124e-005	0.23372

Dist.	c.c.	Fy	Mx	Mz	Spost.Z	Rotaz.X	Rotaz.Y	Press. Suolo
113.333	6	+4.334e+002	+1.535e+004	-2.313e+004	-2.330e-001	-3.300e-005	-1.483e-005	0.23295
TRAVE NUMERO: 7 - LUNGHEZZA: 113.33								
Dist.	c.c.	Fy	Mx	Mz	Spost.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	6	-9.535e+002	-1.567e+004	-5.770e+004	-2.351e-001	-5.507e-005	+4.571e-011	0.23512
37.778	6	-9.535e+002	-1.567e+004	-2.168e+004	-2.346e-001	-4.773e-005	-1.704e-005	0.23460
75.556	6	-6.992e+002	-1.567e+004	+4.737e+003	-2.337e-001	-4.039e-005	-2.067e-005	0.23374
113.333	6	+4.466e+002	+1.567e+004	-2.161e+004	-2.330e-001	-3.305e-005	-1.502e-005	0.23298
TRAVE NUMERO: 8 - LUNGHEZZA: 113.33								
Dist.	c.c.	Fy	Mx	Mz	Spost.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	6	-9.830e+002	-1.578e+004	-5.161e+004	-2.352e-001	-5.456e-005	+2.740e-006	0.23521
37.778	6	-9.830e+002	-1.578e+004	-1.447e+004	-2.348e-001	-4.717e-005	-1.144e-005	0.23484
75.556	6	-7.283e+002	-1.578e+004	+1.304e+004	-2.343e-001	-3.978e-005	-1.175e-005	0.23426
113.333	6	+4.747e+002	+1.578e+004	-3.097e+004	-2.339e-001	-3.239e-005	-2.305e-006	0.23389
TRAVE NUMERO: 9 - LUNGHEZZA: 100.00								
Dist.	c.c.	Fy	Mx	Mz	Spost.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	6	-6.380e+002	-9.393e+003	+1.437e+003	-2.426e-001	+5.784e-005	-5.261e-005	0.24262
33.333	6	-6.380e+002	-9.393e+003	+2.270e+004	-2.407e-001	+5.327e-005	-4.873e-005	0.24066
66.667	6	-4.036e+002	-9.393e+003	+3.616e+004	-2.390e-001	+4.212e-005	-4.485e-005	0.23900
100.000	6	+1.719e+002	+9.393e+003	-4.189e+004	-2.378e-001	+2.734e-005	-4.097e-005	0.23781
TRAVE NUMERO: 10 - LUNGHEZZA: 100.00								
Dist.	c.c.	Fy	Mx	Mz	Spost.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	6	-6.380e+002	+9.393e+003	+1.436e+003	-2.426e-001	+5.784e-005	+5.261e-005	0.24262
33.333	6	-6.380e+002	+9.393e+003	+2.270e+004	-2.407e-001	+5.327e-005	+4.873e-005	0.24066
66.667	6	-4.036e+002	+9.393e+003	+3.616e+004	-2.390e-001	+4.212e-005	+4.485e-005	0.23900
100.000	6	+1.719e+002	-9.393e+003	-4.189e+004	-2.378e-001	+2.734e-005	+4.096e-005	0.23781
TRAVE NUMERO: 11 - LUNGHEZZA: 100.00								
Dist.	c.c.	Fy	Mx	Mz	Spost.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	6	-2.286e+002	-4.332e-003	+4.304e+004	-2.378e-001	+2.734e-005	+4.096e-005	0.23781
33.333	6	-2.286e+002	-4.332e-003	+5.066e+004	-2.372e-001	+9.596e-006	+4.096e-005	0.23716
66.667	6	+2.286e+002	-4.332e-003	+5.066e+004	-2.372e-001	-9.595e-006	+4.096e-005	0.23716
100.000	6	-2.286e+002	+4.332e-003	-4.304e+004	-2.378e-001	-2.734e-005	+4.096e-005	0.23781
TRAVE NUMERO: 12 - LUNGHEZZA: 100.00								
Dist.	c.c.	Fy	Mx	Mz	Spost.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	6	+1.719e+002	-9.393e+003	+4.189e+004	-2.378e-001	-2.734e-005	+4.096e-005	0.23781
33.333	6	+4.036e+002	-9.393e+003	+3.616e+004	-2.390e-001	-4.212e-005	+4.485e-005	0.23900
66.667	6	+6.380e+002	-9.393e+003	+2.270e+004	-2.407e-001	-5.327e-005	+4.873e-005	0.24066
100.000	6	-6.380e+002	+9.393e+003	-1.436e+003	-2.426e-001	-5.784e-005	+5.261e-005	0.24262
TRAVE NUMERO: 13 - LUNGHEZZA: 100.00								
Dist.	c.c.	Fy	Mx	Mz	Spost.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	6	-2.286e+002	+1.852e-003	+4.304e+004	-2.378e-001	+2.734e-005	-4.097e-005	0.23781
33.333	6	-2.286e+002	+1.852e-003	+5.066e+004	-2.372e-001	+9.595e-006	-4.097e-005	0.23716
66.667	6	+2.286e+002	+1.852e-003	+5.066e+004	-2.372e-001	-9.595e-006	-4.097e-005	0.23716
100.000	6	-2.286e+002	-1.852e-003	-4.304e+004	-2.378e-001	-2.734e-005	-4.097e-005	0.23781
TRAVE NUMERO: 14 - LUNGHEZZA: 100.00								
Dist.	c.c.	Fy	Mx	Mz	Spost.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	6	+1.719e+002	+9.393e+003	+4.189e+004	-2.378e-001	-2.734e-005	-4.097e-005	0.23781
33.333	6	+4.036e+002	+9.393e+003	+3.616e+004	-2.390e-001	-4.212e-005	-4.485e-005	0.23900
66.667	6	+6.380e+002	+9.393e+003	+2.270e+004	-2.407e-001	-5.327e-005	-4.873e-005	0.24066
100.000	6	-6.380e+002	-9.393e+003	-1.437e+003	-2.426e-001	-5.784e-005	-5.261e-005	0.24262
TRAVE NUMERO: 15 - LUNGHEZZA: 113.33								
Dist.	c.c.	Fy	Mx	Mz	Spost.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	6	-2.993e+002	+7.475e+002	+2.597e+004	-2.339e-001	-3.239e-005	-2.305e-006	0.23389
37.778	6	-2.993e+002	+7.475e+002	+3.728e+004	-2.340e-001	-3.274e-005	+1.127e-005	0.23400
75.556	6	+2.083e+002	+7.475e+002	+3.902e+004	-2.347e-001	-3.309e-005	+2.765e-005	0.23473
113.333	6	-2.083e+002	-7.475e+002	-3.115e+004	-2.361e-001	-3.344e-005	+4.271e-005	0.23610
TRAVE NUMERO: 16 - LUNGHEZZA: 113.33								
Dist.	c.c.	Fy	Mx	Mz	Spost.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	6	+3.467e+002	+1.737e+004	+3.557e+004	-2.361e-001	-3.344e-005	+4.271e-005	0.23610
37.778	6	+6.075e+002	+1.737e+004	+2.247e+004	-2.380e-001	-4.157e-005	+5.517e-005	0.23802
75.556	6	+8.725e+002	+1.737e+004	-4.756e+002	-2.403e-001	-4.971e-005	+5.989e-005	0.24032
113.333	6	-8.725e+002	-1.737e+004	+3.344e+004	-2.426e-001	-5.784e-005	+5.261e-005	0.24262
TRAVE NUMERO: 17 - LUNGHEZZA: 113.33								
Dist.	c.c.	Fy	Mx	Mz	Spost.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	6	-2.594e+002	-4.197e+001	+1.636e+004	-2.330e-001	-3.305e-005	-1.502e-005	0.23298
37.778	6	-2.594e+002	-4.197e+001	+2.616e+004	-2.325e-001	-3.304e-005	-5.895e-006	0.23253
75.556	6	+2.412e+002	-4.197e+001	+2.650e+004	-2.325e-001	-3.301e-005	+5.407e-006	0.23252
113.333	6	-2.412e+002	+4.197e+001	-1.739e+004	-2.330e-001	-3.300e-005	+1.483e-005	0.23295
TRAVE NUMERO: 18 - LUNGHEZZA: 113.33								
Dist.	c.c.	Fy	Mx	Mz	Spost.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	6	+4.334e+002	+1.535e+004	+2.313e+004	-2.330e-001	-3.300e-005	+1.483e-005	0.23295

Dist.	c.c.	Fy	Mx	Mz	Spост.Z	Rotaz.X	Rotaz.Y	Press. Suolo
37.778	6	+6.859e+002	+1.535e+004	+6.763e+003	-2.337e-001	-4.018e-005	+2.124e-005	0.23372
75.556	6	+9.402e+002	+1.535e+004	-1.915e+004	-2.346e-001	-4.737e-005	+1.859e-005	0.23461
113.333	6	-9.402e+002	-1.535e+004	+5.467e+004	-2.352e-001	-5.456e-005	+2.740e-006	0.23521

**TRAVE NUMERO: 19 - LUNGHEZZA: 113.33**

Dist.	c.c.	Fy	Mx	Mz	Spост.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	6	-2.412e+002	+4.195e+001	+1.739e+004	-2.330e-001	-3.300e-005	-1.483e-005	0.23295
37.778	6	-2.412e+002	+4.195e+001	+2.650e+004	-2.325e-001	-3.301e-005	-5.407e-006	0.23252
75.556	6	+2.594e+002	+4.195e+001	+2.616e+004	-2.325e-001	-3.304e-005	+5.895e-006	0.23253
113.333	6	-2.594e+002	-4.195e+001	-1.636e+004	-2.330e-001	-3.305e-005	+1.502e-005	0.23298

**TRAVE NUMERO: 20 - LUNGHEZZA: 113.33**

Dist.	c.c.	Fy	Mx	Mz	Spост.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	6	+4.466e+002	+1.567e+004	+2.161e+004	-2.330e-001	-3.305e-005	+1.502e-005	0.23298
37.778	6	+6.992e+002	+1.567e+004	+4.737e+003	-2.337e-001	-4.039e-005	+2.067e-005	0.23374
75.556	6	+9.535e+002	+1.567e+004	-2.168e+004	-2.346e-001	-4.773e-005	+1.704e-005	0.23460
113.333	6	-9.535e+002	-1.567e+004	+5.770e+004	-2.351e-001	-5.507e-005	+4.571e-011	0.23512

**TRAVE NUMERO: 21 - LUNGHEZZA: 113.33**

Dist.	c.c.	Fy	Mx	Mz	Spост.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	6	-2.083e+002	-7.475e+002	+3.115e+004	-2.361e-001	-3.344e-005	-4.271e-005	0.23610
37.778	6	-2.083e+002	-7.475e+002	+3.902e+004	-2.347e-001	-3.309e-005	-2.765e-005	0.23473
75.556	6	+2.993e+002	-7.475e+002	+3.728e+004	-2.340e-001	-3.274e-005	-1.127e-005	0.23400
113.333	6	-2.993e+002	+7.475e+002	-2.597e+004	-2.339e-001	-3.239e-005	+2.305e-006	0.23389

**TRAVE NUMERO: 22 - LUNGHEZZA: 113.33**

Dist.	c.c.	Fy	Mx	Mz	Spост.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	6	+4.747e+002	+1.578e+004	+3.097e+004	-2.339e-001	-3.239e-005	+2.305e-006	0.23389
37.778	6	+7.283e+002	+1.578e+004	+1.304e+004	-2.343e-001	-3.978e-005	+1.175e-005	0.23426
75.556	6	+9.830e+002	+1.578e+004	-1.447e+004	-2.348e-001	-4.717e-005	+1.144e-005	0.23484
113.333	6	-9.830e+002	-1.578e+004	+5.161e+004	-2.352e-001	-5.456e-005	-2.740e-006	0.23521

**TRAVE NUMERO: 23 - LUNGHEZZA: 113.33**

Dist.	c.c.	Fy	Mx	Mz	Spост.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	6	-2.993e+002	-7.475e+002	+2.597e+004	-2.339e-001	+3.239e-005	-2.305e-006	0.23389
37.778	6	-2.993e+002	-7.475e+002	+3.728e+004	-2.340e-001	+3.274e-005	+1.127e-005	0.23400
75.556	6	+2.083e+002	-7.475e+002	+3.902e+004	-2.347e-001	+3.309e-005	+2.765e-005	0.23473
113.333	6	-2.083e+002	+7.475e+002	-3.115e+004	-2.361e-001	+3.344e-005	+4.271e-005	0.23610

**TRAVE NUMERO: 24 - LUNGHEZZA: 113.33**

Dist.	c.c.	Fy	Mx	Mz	Spост.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	6	+3.467e+002	-1.737e+004	+3.557e+004	-2.361e-001	+3.344e-005	+4.271e-005	0.23610
37.778	6	+6.075e+002	-1.737e+004	+2.247e+004	-2.380e-001	+4.157e-005	+5.517e-005	0.23802
75.556	6	+8.725e+002	-1.737e+004	-4.756e+002	-2.403e-001	+4.971e-005	+5.989e-005	0.24032
113.333	6	-8.725e+002	+1.737e+004	+3.344e+004	-2.426e-001	+5.784e-005	+5.261e-005	0.24262

**TRAVE NUMERO: 25 - LUNGHEZZA: 113.33**

Dist.	c.c.	Fy	Mx	Mz	Spост.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	6	-2.594e+002	+4.195e+001	+1.636e+004	-2.330e-001	+3.305e-005	-1.502e-005	0.23298
37.778	6	-2.594e+002	+4.195e+001	+2.616e+004	-2.325e-001	+3.304e-005	-5.895e-006	0.23253
75.556	6	+2.412e+002	+4.195e+001	+2.650e+004	-2.325e-001	+3.301e-005	+5.407e-006	0.23252
113.333	6	-2.412e+002	-4.195e+001	-1.739e+004	-2.330e-001	+3.300e-005	+1.483e-005	0.23295

**TRAVE NUMERO: 26 - LUNGHEZZA: 113.33**

Dist.	c.c.	Fy	Mx	Mz	Spост.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	6	+4.334e+002	-1.535e+004	+2.313e+004	-2.330e-001	+3.300e-005	+1.483e-005	0.23295
37.778	6	+6.859e+002	-1.535e+004	+6.763e+003	-2.337e-001	+4.019e-005	+2.124e-005	0.23372
75.556	6	+9.402e+002	-1.535e+004	-1.915e+004	-2.346e-001	+4.737e-005	+1.859e-005	0.23461
113.333	6	-9.402e+002	+1.535e+004	+5.467e+004	-2.352e-001	+5.456e-005	+2.740e-006	0.23521

**TRAVE NUMERO: 27 - LUNGHEZZA: 113.33**

Dist.	c.c.	Fy	Mx	Mz	Spост.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	6	-2.412e+002	-4.196e+001	+1.739e+004	-2.330e-001	+3.300e-005	-1.483e-005	0.23295
37.778	6	-2.412e+002	-4.196e+001	+2.650e+004	-2.325e-001	+3.301e-005	-5.407e-006	0.23252
75.556	6	+2.594e+002	-4.196e+001	+2.616e+004	-2.325e-001	+3.304e-005	+5.895e-006	0.23253
113.333	6	-2.594e+002	+4.196e+001	-1.636e+004	-2.330e-001	+3.305e-005	+1.502e-005	0.23298

**TRAVE NUMERO: 28 - LUNGHEZZA: 113.33**

Dist.	c.c.	Fy	Mx	Mz	Spост.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	6	+4.466e+002	-1.567e+004	+2.161e+004	-2.330e-001	+3.305e-005	+1.502e-005	0.23298
37.778	6	+6.992e+002	-1.567e+004	+4.737e+003	-2.337e-001	+4.039e-005	+2.067e-005	0.23374
75.556	6	+9.535e+002	-1.567e+004	-2.168e+004	-2.346e-001	+4.773e-005	+1.704e-005	0.23460
113.333	6	-9.535e+002	+1.567e+004	+5.770e+004	-2.351e-001	+5.507e-005	+7.050e-011	0.23512

**TRAVE NUMERO: 29 - LUNGHEZZA: 113.33**

Dist.	c.c.	Fy	Mx	Mz	Spост.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	6	-2.083e+002	+7.475e+002	+3.115e+004	-2.361e-001	+3.344e-005	-4.271e-005	0.23610
37.778	6	-2.083e+002	+7.475e+002	+3.902e+004	-2.347e-001	+3.309e-005	-2.765e-005	0.23473
75.556	6	+2.993e+002	+7.475e+002	+3.728e+004	-2.340e-001	+3.274e-005	-1.127e-005	0.23400
113.333	6	-2.993e+002	-7.475e+002	-2.597e+004	-2.339e-001	+3.239e-005	+2.305e-006	0.23389

**TRAVE NUMERO: 30 - LUNGHEZZA: 113.33**

Dist.	c.c.	Fy	Mx	Mz	Spost.Z	Rotaz.X	Rotaz.Y	Press. Suolo
0.000	6	+4.747e+002	-1.578e+004	+3.097e+004	-2.339e-001	+3.239e-005	+2.305e-006	0.23389
37.778	6	+7.283e+002	-1.578e+004	+1.304e+004	-2.343e-001	+3.978e-005	+1.175e-005	0.23426
75.556	6	+9.830e+002	-1.578e+004	-1.447e+004	-2.348e-001	+4.717e-005	+1.144e-005	0.23484
113.333	6	-9.830e+002	+1.578e+004	+5.161e+004	-2.352e-001	+5.456e-005	-2.740e-006	0.23521

**PRESSIONE MASSIMA NEL GRUPPO**

Numero trave	Pressione	Distanza
1	0.243	0.000

## FORZE MOMENTI PER GRUPPI VINCOLO

[illegible]



TABELLA MASSE ECCITATE

TRASLAZIONE CENTRO DELLE MASSE: +EX

FREQUENZE PROPRIE DI OSCILLAZIONE

Numero	Pulsazione	Frequenza	Periodo	Precisione
1	2.442e+001	3.887e+000	2.573e-001	4.441e-016
2	4.068e+001	6.474e+000	1.545e-001	4.441e-016
3	4.497e+001	7.158e+000	1.397e-001	4.441e-016
4	6.451e+001	1.027e+001	9.739e-002	4.441e-016
5	7.301e+001	1.162e+001	8.606e-002	4.441e-016
6	8.452e+001	1.345e+001	7.434e-002	4.441e-016
7	8.944e+001	1.424e+001	7.025e-002	4.441e-016
8	1.115e+002	1.774e+001	5.637e-002	4.441e-016
9	1.204e+002	1.916e+001	5.219e-002	4.441e-016
10	1.579e+002	2.513e+001	3.980e-002	4.441e-016

COEFFICIENTI DI PARTECIPAZIONE MODALE

Modo	Direz.X	Direz.Y
1	-3.480e-007	6.075e+000
2	9.076e-008	3.382e-001
3	-5.732e+000	-2.940e-007
4	-5.656e-008	1.980e-007
5	-2.831e+000	4.154e-007
6	2.000e-006	2.836e-007
7	-6.762e-007	-2.166e+000
8	3.725e-008	-4.701e-002
9	9.256e-001	1.123e-007
10	3.692e-008	1.627e-001

MASSA ECCITATA

Modo	Direz.X	%	Direz.Y	%	Direz.Z	%
Modo: 1	+1.21e-013	0	+3.69e+001	88	+4.15e-015	0
Progressiva	+1.21e-013	0	+3.69e+001	88	+4.15e-015	0
Modo: 2	+8.24e-015	0	+1.14e-001	0	+1.25e-015	0
Progressiva	+1.29e-013	0	+3.70e+001	89	+5.40e-015	0
Modo: 3	+3.29e+001	79	+8.64e-014	0	+1.74e-013	0
Progressiva	+3.29e+001	79	+3.70e+001	89	+1.79e-013	0
Modo: 4	+3.20e-015	0	+3.92e-014	0	+1.32e+001	32
Progressiva	+3.29e+001	79	+3.70e+001	89	+1.32e+001	32
Modo: 5	+8.02e+000	19	+1.73e-013	0	+1.06e-012	0
Progressiva	+4.09e+001	98	+3.70e+001	89	+1.32e+001	32
Modo: 6	+4.00e-012	0	+8.04e-014	0	+5.37e-003	0
Progressiva	+4.09e+001	98	+3.70e+001	89	+1.32e+001	32
Modo: 7	+4.57e-013	0	+4.69e+000	11	+2.82e-014	0
Progressiva	+4.09e+001	98	+4.17e+001	100	+1.32e+001	32
Modo: 8	+1.39e-015	0	+2.21e-003	0	+9.04e-015	0
Progressiva	+4.09e+001	98	+4.17e+001	100	+1.32e+001	32
Modo: 9	+8.57e-001	2	+1.26e-014	0	+5.91e-014	0
Progressiva	+4.17e+001	100	+4.17e+001	100	+1.32e+001	32
Modo: 10	+1.36e-015	0	+2.65e-002	0	+6.66e-016	0
Progressiva	+4.17e+001	100	+4.17e+001	100	+1.32e+001	32

MASSA TOTALE ECCITABILE

Direzione X	Direzione Y	Direzione Z
+4.17e+001	+4.17e+001	+4.17e+001

TRASLAZIONE CENTRO DELLE MASSE: -EX

FREQUENZE PROPRIE DI OSCILLAZIONE

Numero	Pulsazione	Frequenza	Periodo	Precisione
1	2.442e+001	3.887e+000	2.573e-001	4.441e-016
2	4.068e+001	6.474e+000	1.545e-001	4.441e-016
3	4.497e+001	7.158e+000	1.397e-001	4.441e-016
4	6.451e+001	1.027e+001	9.739e-002	4.441e-016
5	7.301e+001	1.162e+001	8.606e-002	4.441e-016
6	8.452e+001	1.345e+001	7.434e-002	4.441e-016
7	8.944e+001	1.424e+001	7.025e-002	4.441e-016
8	1.115e+002	1.774e+001	5.637e-002	4.441e-016
9	1.204e+002	1.916e+001	5.219e-002	4.441e-016
10	1.579e+002	2.513e+001	3.980e-002	4.441e-016

COEFFICIENTI DI PARTECIPAZIONE MODALE

Modo	Direz.X	Direz.Y
1	-3.386e-007	6.075e+000
2	5.769e-007	-3.382e-001
3	-5.732e+000	-3.220e-007
4	5.656e-008	-1.945e-007
5	-2.831e+000	4.069e-007
6	2.000e-006	2.796e-007
7	-6.672e-007	-2.166e+000
8	4.859e-008	4.701e-002
9	9.256e-001	1.117e-007
10	3.693e-008	1.627e-001

MASSA ECCITATA

Modo	Direz.X	%	Direz.Y	%	Direz.Z	%
Modo: 1	+1.15e-013	0	+3.69e+001	88	+3.47e-015	0
Progressiva	+1.15e-013	0	+3.69e+001	88	+3.47e-015	0
Modo: 2	+3.33e-013	0	+1.14e-001	0	+6.25e-015	0
Progressiva	+4.47e-013	0	+3.70e+001	89	+9.72e-015	0
Modo: 3	+3.29e+001	79	+1.04e-013	0	+1.74e-013	0
Progressiva	+3.29e+001	79	+3.70e+001	89	+1.83e-013	0
Modo: 4	+3.20e-015	0	+3.78e-014	0	+1.32e+001	32
Progressiva	+3.29e+001	79	+3.70e+001	89	+1.32e+001	32
Modo: 5	+8.02e+000	19	+1.66e-013	0	+1.06e-012	0
Progressiva	+4.09e+001	98	+3.70e+001	89	+1.32e+001	32
Modo: 6	+4.00e-012	0	+7.82e-014	0	+5.37e-003	0
Progressiva	+4.09e+001	98	+3.70e+001	89	+1.32e+001	32
Modo: 7	+4.45e-013	0	+4.69e+000	11	+2.41e-014	0
Progressiva	+4.09e+001	98	+4.17e+001	100	+1.32e+001	32
Modo: 8	+2.36e-015	0	+2.21e-003	0	+9.50e-015	0
Progressiva	+4.09e+001	98	+4.17e+001	100	+1.32e+001	32
Modo: 9	+8.57e-001	2	+1.25e-014	0	+5.91e-014	0
Progressiva	+4.17e+001	100	+4.17e+001	100	+1.32e+001	32
Modo: 10	+1.36e-015	0	+2.65e-002	0	+6.64e-016	0
Progressiva	+4.17e+001	100	+4.17e+001	100	+1.32e+001	32

MASSA TOTALE ECCITABILE

Direzione X	Direzione Y	Direzione Z
+4.17e+001	+4.17e+001	+4.17e+001

TRASLAZIONE CENTRO DELLE MASSE: +EY

FREQUENZE PROPRIE DI OSCILLAZIONE

Numero	Pulsazione	Frequenza	Periodo	Precisione
1	2.455e+001	3.907e+000	2.559e-001	4.441e-016
2	4.044e+001	6.436e+000	1.554e-001	4.441e-016
3	4.507e+001	7.172e+000	1.394e-001	4.441e-016

Numero	Pulsazione	Frequenza	Periodo	Precisione
4	6.451e+001	1.027e+001	9.739e-002	4.441e-016
5	7.302e+001	1.162e+001	8.605e-002	4.441e-016
6	8.452e+001	1.345e+001	7.434e-002	4.441e-016
7	8.932e+001	1.422e+001	7.035e-002	4.441e-016
8	1.115e+002	1.774e+001	5.637e-002	4.441e-016
9	1.204e+002	1.916e+001	5.219e-002	4.441e-016
10	1.579e+002	2.513e+001	3.980e-002	4.441e-016

## COEFFICIENTI DI PARTECIPAZIONE MODALE

Modo	Direz.X	Direz.Y
1	-3.718e-007	6.084e+000
2	8.950e-001	4.697e-007
3	-5.661e+000	-2.551e-007
4	-5.727e-008	1.968e-007
5	-2.833e+000	4.136e-007
6	2.002e-006	2.888e-007
7	-6.743e-007	-2.167e+000
8	6.432e-003	-1.737e-007
9	9.258e-001	1.101e-007
10	3.772e-008	1.624e-001

## MASSA ECCITATA

Modo	Direz.X	%	Direz.Y	%	Direz.Z	%
Modo: 1	+1.38e-013	0	+3.70e+001	89	+3.93e-015	0
Progressiva	+1.38e-013	0	+3.70e+001	89	+3.93e-015	0
Modo: 2	+8.01e-001	2	+2.21e-013	0	+1.69e-016	0
Progressiva	+8.01e-001	2	+3.70e+001	89	+4.10e-015	0
Modo: 3	+3.20e+001	77	+6.51e-014	0	+1.81e-013	0
Progressiva	+3.28e+001	79	+3.70e+001	89	+1.85e-013	0
Modo: 4	+3.28e-015	0	+3.87e-014	0	+1.32e+001	32
Progressiva	+3.28e+001	79	+3.70e+001	89	+1.32e+001	32
Modo: 5	+8.02e+000	19	+1.71e-013	0	+1.06e-012	0
Progressiva	+4.09e+001	98	+3.70e+001	89	+1.32e+001	32
Modo: 6	+4.01e-012	0	+8.34e-014	0	+5.37e-003	0
Progressiva	+4.09e+001	98	+3.70e+001	89	+1.32e+001	32
Modo: 7	+4.55e-013	0	+4.70e+000	11	+2.66e-014	0
Progressiva	+4.09e+001	98	+4.17e+001	100	+1.32e+001	32
Modo: 8	+4.14e-005	0	+3.02e-014	0	+8.63e-015	0
Progressiva	+4.09e+001	98	+4.17e+001	100	+1.32e+001	32
Modo: 9	+8.57e-001	2	+1.21e-014	0	+5.93e-014	0
Progressiva	+4.17e+001	100	+4.17e+001	100	+1.32e+001	32
Modo: 10	+1.42e-015	0	+2.64e-002	0	+6.65e-016	0
Progressiva	+4.17e+001	100	+4.17e+001	100	+1.32e+001	32

## MASSA TOTALE ECCITABILE

Direzione X	Direzione Y	Direzione Z
+4.17e+001	+4.17e+001	+4.17e+001

## TRASLAZIONE CENTRO DELLE MASSE: -EY

## FREQUENZE PROPRIE DI OSCILLAZIONE

Numero	Pulsazione	Frequenza	Periodo	Precisione
1	2.455e+001	3.907e+000	2.559e-001	4.441e-016
2	4.044e+001	6.436e+000	1.554e-001	4.441e-016
3	4.507e+001	7.172e+000	1.394e-001	4.441e-016
4	6.451e+001	1.027e+001	9.739e-002	4.441e-016
5	7.302e+001	1.162e+001	8.605e-002	4.441e-016
6	8.452e+001	1.345e+001	7.434e-002	4.441e-016
7	8.932e+001	1.422e+001	7.035e-002	4.441e-016

Numero	Pulsazione	Frequenza	Periodo	Precisione
8	1.115e+002	1.774e+001	5.637e-002	4.441e-016
9	1.204e+002	1.916e+001	5.219e-002	4.441e-016
10	1.579e+002	2.513e+001	3.980e-002	4.441e-016

## COEFFICIENTI DI PARTECIPAZIONE MODALE

Modo	Direz.X	Direz.Y
1	-3.272e-007	6.084e+000
2	-8.950e-001	3.676e-007
3	-5.661e+000	-3.377e-007
4	-5.583e-008	1.968e-007
5	-2.833e+000	4.147e-007
6	2.001e-006	2.888e-007
7	-6.784e-007	-2.167e+000
8	-6.432e-003	-1.762e-007
9	9.258e-001	1.128e-007
10	3.602e-008	1.624e-001

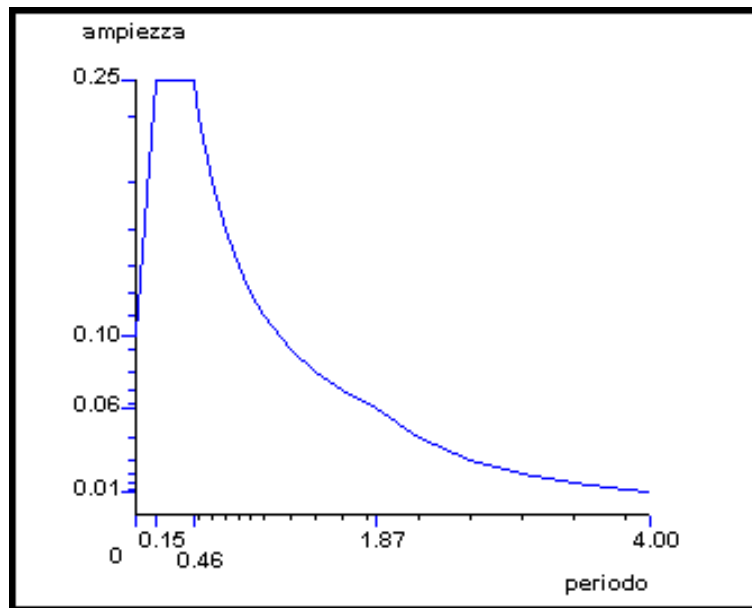
## MASSA ECCITATA

Modo	Direz.X	%	Direz.Y	%	Direz.Z	%
Modo: 1	+1.07e-013	0	+3.70e+001	89	+3.93e-015	0
Progressiva	+1.07e-013	0	+3.70e+001	89	+3.93e-015	0
Modo: 2	+8.01e-001	2	+1.35e-013	0	+9.90e-015	0
Progressiva	+8.01e-001	2	+3.70e+001	89	+1.38e-014	0
Modo: 3	+3.20e+001	77	+1.14e-013	0	+1.64e-013	0
Progressiva	+3.28e+001	79	+3.70e+001	89	+1.78e-013	0
Modo: 4	+3.12e-015	0	+3.87e-014	0	+1.32e+001	32
Progressiva	+3.28e+001	79	+3.70e+001	89	+1.32e+001	32
Modo: 5	+8.02e+000	19	+1.72e-013	0	+1.05e-012	0
Progressiva	+4.09e+001	98	+3.70e+001	89	+1.32e+001	32
Modo: 6	+4.01e-012	0	+8.34e-014	0	+5.37e-003	0
Progressiva	+4.09e+001	98	+3.70e+001	89	+1.32e+001	32
Modo: 7	+4.60e-013	0	+4.70e+000	11	+2.66e-014	0
Progressiva	+4.09e+001	98	+4.17e+001	100	+1.32e+001	32
Modo: 8	+4.14e-005	0	+3.10e-014	0	+9.96e-015	0
Progressiva	+4.09e+001	98	+4.17e+001	100	+1.32e+001	32
Modo: 9	+8.57e-001	2	+1.27e-014	0	+5.89e-014	0
Progressiva	+4.17e+001	100	+4.17e+001	100	+1.32e+001	32
Modo: 10	+1.30e-015	0	+2.64e-002	0	+6.65e-016	0
Progressiva	+4.17e+001	100	+4.17e+001	100	+1.32e+001	32

## MASSA TOTALE ECCITABILE

Direzione X	Direzione Y	Direzione Z
+4.17e+001	+4.17e+001	+4.17e+001

Grafico spettri Norme Tecniche delle Costruzioni



Fattore di importanza  $\gamma_i$  1 applicato

*Spettri orizzontali:*

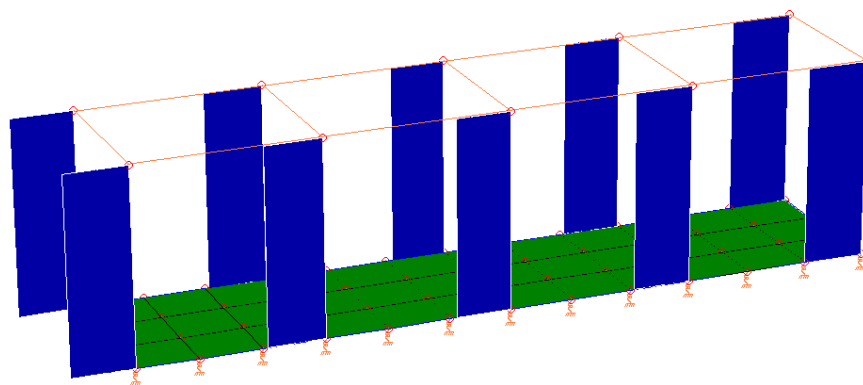
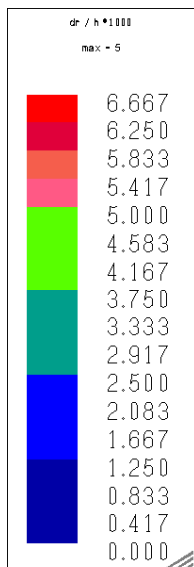
Num.	Periodo	A.sld XY
1	0.000	0.1020
2	0.153	0.2489
3	0.458	0.2489
4	0.500	0.2280
5	0.600	0.1900
6	0.700	0.1629
7	0.800	0.1425
8	0.900	0.1267
9	1.000	0.1140
10	1.200	0.0950
11	1.400	0.0814
12	1.600	0.0713
13	1.800	0.0633
14	1.872	0.0609
15	2.200	0.0441
16	2.600	0.0316
17	3.000	0.0237
18	3.400	0.0185
19	3.800	0.0148
20	4.000	0.0133

**MASSIMI SPOSTAMENTI RELATIVI DI PIANO (SPOSTAMENTI DI INTERPIANO)**  
**Spostamento interpiano  $\leq 0.005 h$**

Nome archivio di lavoro        : Strutturale SLD  
Intestazione del lavoro        : Strutturale SLD

**GRUPPO: 1 Pilastri**

N pil	altezza h	eta	eta/h	comb
10	+3.620e+002	+4.102e-001	+1.133e-003	D3



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# MANUALE DI MANUTENZIONE

**Comune di:** MAGLIANO DI TENNA  
**Provincia di:** FERMO  
**Oggetto:** NUOVI LOCULI CIMITERIALI

***Elenco dei Corpi d'Opera:***

° 01 NUOVI LOCULI CIMITERIALI



## Corpo d'Opera: 01

# Realizzazione di NUOVI LOCULI CIMITERIALI

### *Unità Tecnologiche:*

° 01.01 Opere di fondazioni superficiali

° 01.02 Strutture in elevazione in c.a.

° 01.03 Solai

## Unità Tecnologica: 01.01

# Opere di fondazioni superficiali

Insieme degli elementi tecnici orizzontali del sistema edilizio avente funzione di separare gli spazi interni del sistema edilizio dal terreno sottostante e trasmetterne ad esso il peso della struttura e delle altre forze esterne.

In particolare si definiscono fondazioni superficiali o fondazioni dirette quella classe di fondazioni realizzate a profondità ridotte rispetto al piano campagna ossia l'approfondimento del piano di posa non è elevato.

Prima di realizzare opere di fondazioni superficiali provvedere ad un accurato studio geologico esteso ad una zona significativamente estesa dei luoghi d'intervento, in relazione al tipo di opera e al contesto geologico in cui questa si andrà a collocare.

Nel progetto di fondazioni superficiali si deve tenere conto della presenza di sottoservizi e dell'influenza di questi sul comportamento del manufatto. Nel caso di reti idriche e fognarie occorre particolare attenzione ai possibili inconvenienti derivanti da immissioni o perdite di liquidi nel sottosuolo.

È opportuno che il piano di posa in una fondazione sia tutto allo stesso livello. Ove ciò non sia possibile, le fondazioni adiacenti, appartenenti o non ad un unico manufatto, saranno verificate tenendo conto della reciproca influenza e della configurazione dei piani di posa. Le fondazioni situate nell'alveo o nelle golene di corsi d'acqua possono essere soggette allo scalzamento e perciò vanno adeguatamente difese e approfondite. Analoga precauzione deve essere presa nel caso delle opere marittime.

## REQUISITI E PRESTAZIONI (UT)

### 01.01.R01 Resistenza meccanica

*Classe di Requisiti: Di stabilità*

*Classe di Esigenza: Sicurezza*

Le opere di fondazioni superficiali dovranno essere in grado di contrastare le eventuali manifestazioni di deformazioni e cedimenti rilevanti dovuti all'azione di determinate sollecitazioni (carichi, forze sismiche, ecc.).

#### **Prestazioni:**

Le opere di fondazioni superficiali, sotto l'effetto di carichi statici, dinamici e accidentali devono assicurare stabilità e resistenza.

#### **Livello minimo della prestazione:**

Per i livelli minimi si rimanda alle prescrizioni di legge e di normative vigenti in materia.

#### **Riferimenti normativi:**

Legge 5.11.1971, n. 1086; Legge 2.2.1974, n. 64; D.M. Infrastrutture e Trasporti 14.1.2008; C.M. Infrastrutture e Trasporti 2.2.2009, n. 617; UNI 8290-2; UNI EN 1356; UNI EN 12390-1; UNI EN 1992 1/2; UNI EN 1090-3; UNI 9503; UNI EN 1993; UNI EN 1999; UNI EN 1994 UNI EN 1994 1/2; UNI EN 1995; UNI EN 384.

## L'Unità Tecnologica è composta dai seguenti Elementi Manutenibili:

° 01.01.01 Platee in c.a.

° 01.01.02 Travi rovesce in c.a.

## Elemento Manutenibile: 01.01.01

### Platee in c.a.

**Unità Tecnologica: 01.01****Opere di fondazioni superficiali**

Sono fondazioni realizzate con un'unica soletta di base, di idoneo spessore, irrigidita da nervature nelle due direzioni principali così da avere una ripartizione dei carichi sul terreno uniforme, in quanto tutto insieme risulta notevolmente rigido. La fondazione a platea può essere realizzata anche con una unica soletta di grande spessore, opportunamente armata, o in alternativa con un solettone armato e provvisto di piastre di appoggio in corrispondenza dei pilastri, per evitare l'effetto di punzonamento dei medesimi sulla soletta.

Il progetto prevede la realizzazione di una platea di spessore pari a cm. 40, con armatura a trave rovescia lungo il perimetro, al di sotto dei pilastri, e a collegamento trasversale dei pilastri stessi.

Questo per evitare proprio l'effetto di punzonamento dei medesimi sulla platea.

### ***ANOMALIE RISCONTRABILI***

#### ***01.01.01.A01 Cedimenti***

Dissesti dovuti a cedimenti di natura e causa diverse, talvolta con manifestazioni dell'abbassamento del piano di imposta della fondazione.

#### ***01.01.01.A02 Deformazioni e spostamenti***

Deformazioni e spostamenti dovuti a cause esterne che alterano la normale configurazione dell'elemento.

#### ***01.01.01.A03 Distacchi murari***

Distacchi dei paramenti murari mediante anche manifestazione di lesioni passanti.

#### ***01.01.01.A04 Distacco***

Disgregazione e distacco di parti notevoli del materiale che può manifestarsi anche mediante espulsione di elementi prefabbricati dalla loro sede.

#### ***01.01.01.A05 Esposizione dei ferri di armatura***

Distacchi di parte di calcestruzzo (copriferro) e relativa esposizione dei ferri di armatura a fenomeni di corrosione per l'azione degli agenti atmosferici.

#### ***01.01.01.A06 Fessurazioni***

Degradazione che si manifesta con la formazione di soluzioni di continuità del materiale e che può implicare lo spostamento reciproco delle parti.

#### ***01.01.01.A07 Lesioni***

Si manifestano con l'interruzione del tessuto murario. Le caratteristiche e l'andamento ne caratterizzano l'importanza e il tipo.

#### ***01.01.01.A08 Non perpendicolarità del fabbricato***

Non perpendicolarità dell'edificio a causa di dissesti o eventi di natura diversa.

#### ***01.01.01.A09 Penetrazione di umidità***

Comparsa di macchie di umidità dovute all'assorbimento di acqua.

### ***01.01.01.A10 Rigonfiamento***

Variazione della sagoma che interessa l'intero spessore del materiale e che si manifesta soprattutto in elementi lastriformi. Ben riconoscibile essendo dato dal tipico andamento "a bolla" combinato all'azione della gravità.

### ***01.01.01.A11 Umidità***

Presenza di umidità dovuta spesso per risalita capillare.

## ***CONTROLLI ESEGUIBILI DALL'UTENTE***

### ***01.01.01.C01 Controllo struttura***

*Cadenza: ogni 12 mesi*

*Tipologia: Controllo a vista*

Controllare l'integrità delle pareti e dei pilastri verificando l'assenza di eventuali lesioni e/o fessurazioni. Controllare eventuali smottamenti del terreno circostante alla struttura che possano essere indicatori di cedimenti strutturali. Effettuare verifiche e controlli approfonditi particolarmente in corrispondenza di manifestazioni a calamità naturali (sisma, nubifragi, ecc.).

Requisiti da verificare: *1) Resistenza meccanica.*

Anomalie riscontrabili: *1) Cedimenti; 2) Distacchi murari; 3) Fessurazioni; 4) Lesioni; 5) Non perpendicolarità del fabbricato; 6) Penetrazione di umidità; 7) Deformazioni e spostamenti.*\_\_

## ***MANUTENZIONI ESEGUIBILI DA PERSONALE SPECIALIZZATO***

### ***01.01.01.I01 Interventi sulle strutture***

*Cadenza: quando occorre*

In seguito alla comparsa di segni di cedimenti strutturali (lesioni, fessurazioni, rotture), effettuare accurati accertamenti per la diagnosi e la verifica delle strutture, da parte di tecnici qualificati, che possano individuare la causa/effetto del dissesto ed evidenziare eventuali modificazioni strutturali tali da compromettere la stabilità delle strutture, in particolare verificare la perpendicolarità del fabbricato. Procedere quindi al consolidamento delle stesse a secondo del tipo di dissesti riscontrati.

Ditte specializzate: *Specializzati vari.*\_\_

## Elemento Manutenibile: 01.01.02

# Travi rovesce in c.a.

**Unità Tecnologica: 01.01****Opere di fondazioni superficiali**

Sono fondazioni indicate nel caso in cui ci siano problemi di cedimenti differenziali. Le travi rovesce sono le fondazioni più comunemente adottate in zona sismica, poiché non sono soggette a spostamenti orizzontali relativi in caso di sisma. Il nome di trave rovescia deriva dal fatto che la trave costituente la fondazione risulta rovesciata rispetto a quella comunemente usata nelle strutture, in quanto il carico è costituito dalle reazioni del terreno e quindi agente dal basso, anziché dall'alto.

### ***ANOMALIE RISCONTRABILI***

#### ***01.01.02.A01 Cedimenti***

Dissesti dovuti a cedimenti di natura e causa diverse, talvolta con manifestazioni dell'abbassamento del piano di imposta della fondazione.

#### ***01.01.02.A02 Deformazioni e spostamenti***

Deformazioni e spostamenti dovuti a cause esterne che alterano la normale configurazione dell'elemento.

#### ***01.01.02.A03 Distacchi murari***

Distacchi dei paramenti murari mediante anche manifestazione di lesioni passanti.

#### ***01.01.02.A04 Distacco***

Disgregazione e distacco di parti notevoli del materiale che può manifestarsi anche mediante espulsione di elementi prefabbricati dalla loro sede.

#### ***01.01.02.A05 Esposizione dei ferri di armatura***

Distacchi di parte di calcestruzzo (copriferro) e relativa esposizione dei ferri di armatura a fenomeni di corrosione per l'azione degli agenti atmosferici.

#### ***01.01.02.A06 Fessurazioni***

Degradazione che si manifesta con la formazione di soluzioni di continuità del materiale e che può implicare lo spostamento reciproco delle parti.

#### ***01.01.02.A07 Lesioni***

Si manifestano con l'interruzione del tessuto murario. Le caratteristiche e l'andamento ne caratterizzano l'importanza e il tipo.

#### ***01.01.02.A08 Non perpendicolarità del fabbricato***

Non perpendicolarità dell'edificio a causa di dissesti o eventi di natura diversa.

#### ***01.01.02.A09 Penetrazione di umidità***

Comparsa di macchie di umidità dovute all'assorbimento di acqua.

#### ***01.01.02.A10 Rigonfiamento***

Variazione della sagoma che interessa l'intero spessore del materiale e che si manifesta soprattutto in elementi lastriformi. Ben

riconoscibile essendo dato dal tipico andamento “a bolla” combinato all’azione della gravità.

### ***01.01.02.A11 Umidità***

Presenza di umidità dovuta spesso per risalita capillare.

## ***CONTROLLI ESEGUIBILI DA PERSONALE SPECIALIZZATO***

### ***01.01.02.C01 Controllo struttura***

*Cadenza: ogni 12 mesi*

*Tipologia: Controllo a vista*

Controllare l'integrità delle pareti e dei pilastri verificando l'assenza di eventuali lesioni e/o fessurazioni. Controllare eventuali smottamenti del terreno circostante alla struttura che possano essere indicatori di cedimenti strutturali. Effettuare verifiche e controlli approfonditi particolarmente in corrispondenza di manifestazioni a calamità naturali (sisma, nubifragi, ecc.).

Requisiti da verificare: *1) Resistenza meccanica.*

Anomalie riscontrabili: *1) Cedimenti; 2) Distacchi murari; 3) Fessurazioni; 4) Lesioni; 5) Non perpendicolarità del fabbricato; 6) Penetrazione di umidità; 7) Deformazioni e spostamenti.*

Ditte specializzate: *Tecnici di livello superiore.*\_\_

## ***MANUTENZIONI ESEGUIBILI DA PERSONALE SPECIALIZZATO***

### ***01.01.02.I01 Interventi sulle strutture***

*Cadenza: quando occorre*

In seguito alla comparsa di segni di cedimenti strutturali (lesioni, fessurazioni, rotture), effettuare accurati accertamenti per la diagnosi e la verifica delle strutture, da parte di tecnici qualificati, che possano individuare la causa/effetto del dissesto ed evidenziare eventuali modificazioni strutturali tali da compromettere la stabilità delle strutture, in particolare verificare la perpendicolarità del fabbricato. Procedere quindi al consolidamento delle stesse a secondo del tipo di dissesti riscontrati.

Ditte specializzate: *Specializzati vari.*\_\_

## Unità Tecnologica: 01.02

# Strutture in elevazione in c.a.

Si definiscono strutture in elevazione gli insiemi degli elementi tecnici del sistema edilizio aventi la funzione di resistere alle azioni di varia natura agenti sulla parte di costruzione fuori terra, trasmettendole alle strutture di fondazione e quindi al terreno. In particolare le strutture verticali sono costituite dagli elementi tecnici con funzione di sostenere i carichi agenti, trasmettendoli verticalmente ad altre parti aventi funzione strutturale e ad esse collegate. Le strutture in c.a. permettono di realizzare una connessione rigida fra elementi, in funzione della continuità della sezione ottenuta con un getto monolitico.

La struttura di progetto è costituita da pilastri e travi in c.a..

## ***REQUISITI E PRESTAZIONI (UT)***

### ***01.02.R01 Resistenza meccanica***

*Classe di Requisiti: Di stabilità*

*Classe di Esigenza: Sicurezza*

Le strutture di elevazione dovranno essere in grado di contrastare le eventuali manifestazioni di deformazioni e cedimenti rilevanti dovuti all'azione di determinate sollecitazioni (carichi, forze sismiche, ecc.).

#### **Prestazioni:**

Le strutture di elevazione, sotto l'effetto di carichi statici, dinamici e accidentali devono assicurare stabilità e resistenza.

#### **Livello minimo della prestazione:**

Per i livelli minimi si rimanda alle prescrizioni di legge e di normative vigenti in materia. In particolare D.M. 14.1.2008 (Norme tecniche per le costruzioni) e la Circolare 2.2.2009, n.617 (Istruzioni per l'applicazione delle «Nuove norme tecniche per le costruzioni» di cui al decreto ministeriale 14.1.2008).

#### **Riferimenti normativi:**

Legge 5.11.1971, n. 1086; Legge 2.2.1974, n. 64; D.M. Infrastrutture e Trasporti 14.1.2008; C.M. Infrastrutture e Trasporti 2.2.2009, n. 617; UNI 8290-2; UNI EN 1356; UNI EN 12390-1; UNI EN 1992 1/2; UNI EN 1090-3; UNI 9503; UNI EN 1993; UNI EN 1999; UNI EN 1994 UNI EN 1994 1/2; UNI EN 1995; UNI EN 384.

## ***L'Unità Tecnologica è composta dai seguenti Elementi Manutenibili:***

° 01.02.01 Pilastri

° 01.02.02 Travi

## Elemento Manutenibile: 01.02.01

# Pilastrì

**Unità Tecnologica: 01.02****Strutture in elevazione in c.a.**

I pilastrì sono elementi architettonici e strutturali verticali portanti, che trasferiscono i carichi della sovrastruttura alle strutture di ricezione delle parti sottostanti indicate a riceverli. I pilastrì in calcestruzzo armato sono realizzati, mediante armature trasversali e longitudinali che consentono la continuità dei pilastrì con gli altri elementi strutturali. Il dimensionamento dei pilastrì varia in funzione delle diverse condizioni di carico, delle luci e dell'interasse fra telai. La struttura presenta n° 8 pilastrì in c.a.. I quattro d'angolo hanno dimensioni pari a cm. 50x30, mentre quelli centrali hanno dimensioni pari a cm. 30x40.

### ***ANOMALIE RISCONTRABILI***

#### ***01.02.01.A01 Alveolizzazione***

Degradazione che si manifesta con la formazione di cavità di forme e dimensioni variabili. Gli alveoli sono spesso interconnessi e hanno distribuzione non uniforme. Nel caso particolare in cui il fenomeno si sviluppa essenzialmente in profondità con andamento a diverticoli si può usare il termine alveolizzazione a caratura.

#### ***01.02.01.A02 Cavillature superficiali***

Sottile trama di fessure sulla superficie del calcestruzzo.

#### ***01.02.01.A03 Corrosione***

Decadimento delle armature metalliche all'interno del calcestruzzo a causa della combinazione con sostanze presenti nell'ambiente (ossigeno, acqua, anidride carbonica, ecc.).

#### ***01.02.01.A04 Deformazioni e spostamenti***

Deformazioni e spostamenti dovuti a cause esterne che alterano la normale configurazione dell'elemento.

#### ***01.02.01.A05 Disgregazione***

Decoesione caratterizzata da distacco di granuli o cristalli sotto minime sollecitazioni meccaniche.

#### ***01.02.01.A06 Distacco***

Disgregazione e distacco di parti notevoli del materiale che può manifestarsi anche mediante espulsione di elementi prefabbricati dalla loro sede.

#### ***01.02.01.A07 Efflorescenze***

Formazione di sostanze, generalmente di colore biancastro e di aspetto cristallino o polverulento o filamentoso, sulla superficie del manufatto. Nel caso di efflorescenze saline, la cristallizzazione può talvolta avvenire all'interno del materiale provocando spesso il distacco delle parti più superficiali: il fenomeno prende allora il nome di criptoefflorescenza o subefflorescenza.

#### ***01.02.01.A08 Erosione superficiale***

Asportazione di materiale dalla superficie dovuta a processi di natura diversa. Quando sono note le cause di degrado, possono essere utilizzati anche termini come erosione per abrasione o erosione per corrosione (cause meccaniche), erosione per corrosione (cause chimiche e biologiche), erosione per usura (cause antropiche).

#### ***01.02.01.A09 Esfoliazione***



Degradazione che si manifesta con distacco, spesso seguito da caduta, di uno o più strati superficiali subparalleli fra loro, generalmente causata dagli effetti del gelo.

#### ***01.02.01.A10 Esposizione dei ferri di armatura***

Distacchi ed espulsione di parte del calcestruzzo (copriferro) e relativa esposizione dei ferri di armatura dovuta a fenomeni di corrosione delle armature metalliche per l'azione degli agenti atmosferici.

#### ***01.02.01.A11 Fessurazioni***

Presenza di rotture singole, ramificate, ortogonale o parallele all'armatura che possono interessare l'intero spessore del manufatto dovute a fenomeni di ritiro del calcestruzzo e/o altri eventi.

#### ***01.02.01.A12 Lesioni***

Si manifestano con l'interruzione delle superfici dell'elemento strutturale. Le caratteristiche, l'andamento, l'ampiezza ne caratterizzano l'importanza e il tipo.

#### ***01.02.01.A13 Mancanza***

Caduta e perdita di parti del materiale del manufatto.

#### ***01.02.01.A14 Penetrazione di umidità***

Comparsa di macchie di umidità dovute all'assorbimento di acqua.

#### ***01.02.01.A15 Polverizzazione***

Decoesione che si manifesta con la caduta spontanea dei materiali sotto forma di polvere o granuli.

#### ***01.02.01.A16 Rigonfiamento***

Variazione della sagoma che interessa l'intero spessore del materiale e che si manifesta soprattutto in elementi lastriformi. Ben riconoscibile essendo dato dal tipico andamento "a bolla" combinato all'azione della gravità.

#### ***01.02.01.A17 Scheggiature***

Distacco di piccole parti di materiale lungo i bordi e gli spigoli degli elementi in calcestruzzo.

#### ***01.02.01.A18 Spalling***

Avviene attraverso lo schiacciamento e l'esplosione interna con il conseguente sfaldamento di inerti dovuto ad alte temperature nei calcestruzzi.

### ***CONTROLLI ESEGUIBILI DA PERSONALE SPECIALIZZATO***

#### ***01.02.01.C01 Controllo di eventuale quadro fessurativo***

*Cadenza: ogni 12 mesi*

*Tipologia: Controllo a vista*

Attraverso un esame visivo del quadro fessurativo approfondire ed analizzare eventuali dissesti strutturali anche con l'ausilio di indagini strumentali in situ.

Requisiti da verificare: 1) *Resistenza meccanica.*

Anomalie riscontrabili: 1) *Deformazioni e spostamenti;* 2) *Distacco;* 3) *Fessurazioni;* 4) *Lesioni;* 5) *Penetrazione di umidità;* 6) *Esposizione dei ferri di armatura.*

Ditte specializzate: *Tecnici di livello superiore.*\_\_

#### ***01.02.01.C02 Controllo di deformazioni e/o spostamenti***

*Cadenza: ogni 12 mesi*

*Tipologia: Controllo a vista*

Controllare eventuali deformazioni e/o spostamenti dell'elemento strutturale dovuti a cause esterne che ne alterano la normale configurazione.

Requisiti da verificare: 1) *Resistenza meccanica*.

Anomalie riscontrabili: 1) *Deformazioni e spostamenti*; 2) *Distacco*; 3) *Fessurazioni*; 4) *Lesioni*; 5) *Penetrazione di umidità*; 6) *Esposizione dei ferri di armatura*.

Ditte specializzate: *Tecnici di livello superiore*.\_\_

## **MANUTENZIONI ESEGUIBILI DA PERSONALE SPECIALIZZATO**

### **01.02.01.I01 Interventi sulle strutture**

*Cadenza: quando occorre*

Gli interventi riparativi dovranno effettuarsi a secondo del tipo di anomalia riscontrata e previa diagnosi delle cause del difetto accertato.

Ditte specializzate: *Specializzati vari*.\_\_

## Elemento Manutenibile: 01.02.02

# Travi

**Unità Tecnologica: 01.02**  
**Strutture in elevazione in c.a.**

Le travi sono elementi strutturali, che si pongono in opera in posizione orizzontale o inclinata per sostenere il peso delle strutture sovrastanti, con una dimensione predominante che trasferiscono, le sollecitazioni di tipo trasversale al proprio asse geometrico, lungo tale asse, dalle sezioni investite dal carico fino ai vincoli, garantendo l'equilibrio esterno delle travi in modo da assicurare il contesto circostante. Le travi in cemento armato utilizzano le caratteristiche meccaniche del materiale in modo ottimale resistendo alle azioni di compressione con il conglomerato cementizio ed in minima parte con l'armatura compressa ed alle azioni di trazione con l'acciaio teso. Le travi si possono classificare in funzione delle altezze rapportate alle luci, differenziandole in alte, normali, in spessore ed estradossate, a secondo del rapporto h/l e della larghezza.

Nel caso di progetto trattasi di travi alte o "calate".

### ***ANOMALIE RISCONTRABILI***

#### ***01.02.02.A01 Alveolizzazione***

Degradazione che si manifesta con la formazione di cavità di forme e dimensioni variabili. Gli alveoli sono spesso interconnessi e hanno distribuzione non uniforme. Nel caso particolare in cui il fenomeno si sviluppa essenzialmente in profondità con andamento a diverticoli si può usare il termine alveolizzazione a caratura.

#### ***01.02.02.A02 Cavillature superficiali***

Sottile trama di fessure sulla superficie del calcestruzzo.

#### ***01.02.02.A03 Corrosione***

Decadimento delle armature metalliche all'interno del calcestruzzo a causa della combinazione con sostanze presenti nell'ambiente (ossigeno, acqua, anidride carbonica, ecc.).

#### ***01.02.02.A04 Deformazioni e spostamenti***

Deformazioni e spostamenti dovuti a cause esterne che alterano la normale configurazione dell'elemento.

#### ***01.02.02.A05 Disgregazione***

Decoesione caratterizzata da distacco di granuli o cristalli sotto minime sollecitazioni meccaniche.

#### ***01.02.02.A06 Distacco***

Disgregazione e distacco di parti notevoli del materiale che può manifestarsi anche mediante espulsione di elementi prefabbricati dalla loro sede.

#### ***01.02.02.A07 Efflorescenze***

Formazione di sostanze, generalmente di colore biancastro e di aspetto cristallino o polverulento o filamentoso, sulla superficie del manufatto. Nel caso di efflorescenze saline, la cristallizzazione può talvolta avvenire all'interno del materiale provocando spesso il distacco delle parti più superficiali: il fenomeno prende allora il nome di criptoefflorescenza o subefflorescenza.

#### ***01.02.02.A08 Erosione superficiale***

Asportazione di materiale dalla superficie dovuta a processi di natura diversa. Quando sono note le cause di degrado, possono essere utilizzati anche termini come erosione per abrasione o erosione per corrasione (cause meccaniche), erosione per corrosione (cause chimiche e biologiche), erosione per usura (cause antropiche).

**01.02.02.A09 Esfoliazione**

Degradazione che si manifesta con distacco, spesso seguito da caduta, di uno o più strati superficiali subparalleli fra loro, generalmente causata dagli effetti del gelo.

**01.02.02.A10 Esposizione dei ferri di armatura**

Distacchi ed espulsione di parte del calcestruzzo (copriferro) e relativa esposizione dei ferri di armatura dovuta a fenomeni di corrosione delle armature metalliche per l'azione degli agenti atmosferici.

**01.02.02.A11 Fessurazioni**

Presenza di rotture singole, ramificate, ortogonale o parallele all'armatura che possono interessare l'intero spessore del manufatto dovute a fenomeni di ritiro del calcestruzzo e/o altri eventi.

**01.02.02.A12 Lesioni**

Si manifestano con l'interruzione delle superfici dell'elemento strutturale. Le caratteristiche, l'andamento, l'ampiezza ne caratterizzano l'importanza e il tipo.

**01.02.02.A13 Mancanza**

Caduta e perdita di parti del materiale del manufatto.

**01.02.02.A14 Penetrazione di umidità**

Comparsa di macchie di umidità dovute all'assorbimento di acqua.

**01.02.02.A15 Polverizzazione**

Decoesione che si manifesta con la caduta spontanea dei materiali sotto forma di polvere o granuli.

**01.02.02.A16 Rigonfiamento**

Variazione della sagoma che interessa l'intero spessore del materiale e che si manifesta soprattutto in elementi lastriformi. Ben riconoscibile essendo dato dal tipico andamento "a bolla" combinato all'azione della gravità.

**01.02.02.A17 Scheggiature**

Distacco di piccole parti di materiale lungo i bordi e gli spigoli degli elementi in calcestruzzo.

**01.02.02.A18 Spalling**

Avviene attraverso lo schiacciamento e l'esplosione interna con il conseguente sfaldamento di inerti dovuto ad alte temperature nei calcestruzzi.

**CONTROLLI ESEGUIBILI DA PERSONALE SPECIALIZZATO****01.02.02.C01 Controllo di eventuale quadro fessurativo**

*Cadenza: ogni 12 mesi*

*Tipologia: Controllo a vista*

Attraverso un esame visivo del quadro fessurativo approfondire ed analizzare eventuali dissesti strutturali anche con l'ausilio di indagini strumentali in situ.

Requisiti da verificare: 1) *Resistenza meccanica.*

Anomalie riscontrabili: 1) *Deformazioni e spostamenti;* 2) *Distacco;* 3) *Esposizione dei ferri di armatura;* 4) *Fessurazioni;* 5) *Lesioni;* 6) *Penetrazione di umidità.*

Ditte specializzate: *Tecnici di livello superiore.*\_\_

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### **01.02.02.C02 Controllo di deformazioni e/o spostamenti**

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*Cadenza: ogni 12 mesi*

*Tipologia: Controllo a vista*

Controllare eventuali deformazioni e/o spostamenti dell'elemento strutturale dovuti a cause esterne che ne alterano la normale configurazione.

Requisiti da verificare: 1) *Resistenza meccanica.*

Anomalie riscontrabili: 1) *Deformazioni e spostamenti;* 2) *Distacco;* 3) *Esposizione dei ferri di armatura;* 4) *Fessurazioni;* 5) *Lesioni;* 6) *Penetrazione di umidità.*

Ditte specializzate: *Tecnici di livello superiore.*\_\_

## **MANUTENZIONI ESEGUIBILI DA PERSONALE SPECIALIZZATO**

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### **01.02.02.I01 Interventi sulle strutture**

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*Cadenza: quando occorre*

Gli interventi riparativi dovranno effettuarsi a secondo del tipo di anomalia riscontrata e previa diagnosi delle cause del difetto accertato.

Ditte specializzate: *Specializzati vari.*\_\_

## Unità Tecnologica: 01.03

# Solai

I solai rappresentano il limite di separazione tra gli elementi spaziali di un piano e quelli del piano successivo. Dal punto di vista strutturale i solai devono assolvere alle funzioni di sostegno del peso proprio e dei carichi accidentali e la funzione di collegamento delle pareti perimetrali. Inoltre debbono assicurare: una coibenza acustica soddisfacente, assicurare una buona coibenza termica e avere una adeguata resistenza. Una classificazione dei numerosi solai può essere fatta in base al loro funzionamento statico o in base ai materiali che li costituiscono.

Ai solai, oltre al compito di garantire la resistenza ai carichi verticali, è richiesta anche rigidità nel proprio piano al fine di distribuire correttamente le azioni orizzontali tra le strutture verticali. Il progettista deve verificare che le caratteristiche dei materiali, delle sezioni resistenti nonché i rapporti dimensionali tra le varie parti siano coerenti con tali aspettative. A tale scopo deve verificare che:

- le deformazioni risultino compatibili con le condizioni di esercizio del solaio e degli elementi costruttivi ed impiantistici ad esso collegati;
- vi sia, in base alle resistenze meccaniche dei materiali, un rapporto adeguato tra la sezione delle armature di acciaio, la larghezza delle nervature in conglomerato cementizio, il loro interasse e lo spessore della soletta di completamento in modo che sia assicurata la rigidità nel piano e che sia evitato il pericolo di effetti secondari indesiderati.

## REQUISITI E PRESTAZIONI (UT)

### 01.03.R01 (Attitudine al) controllo della freccia massima

*Classe di Requisiti: Di stabilità*

*Classe di Esigenza: Sicurezza*

La freccia di inflessione di un solaio costituisce il parametro attraverso il quale viene giudicata la deformazione sotto carico e la sua elasticità.

#### **Prestazioni:**

Il controllo della freccia massima avviene sullo strato portante o impalcato strutturale che viene sottoposto al carico proprio, a quello degli altri strati ed elementi costituenti il solaio e a quello delle persone e delle attrezzature ipotizzati per l'utilizzo.

#### **Livello minimo della prestazione:**

Le deformazioni devono risultare compatibili con le condizioni di esercizio del solaio e degli elementi costruttivi ed impiantistici ad esso collegati secondo le norme vigenti.

#### **Riferimenti normativi:**

Legge 5.11.1971, n. 1086; D.M. Infrastrutture e Trasporti 14.1.2008; C.M. Infrastrutture e Trasporti 2.2.2009, n. 617; UNI 8290-2.

### 01.03.R02 Resistenza meccanica

*Classe di Requisiti: Di stabilità*

*Classe di Esigenza: Sicurezza*

I solai devono contrastare in modo efficace la manifestazione di eventuali rotture, o deformazioni rilevanti, causate dall'azione di possibili sollecitazioni.

#### **Prestazioni:**

I solai devono essere idonei a contrastare efficacemente il prodursi di rotture o deformazioni di una certa entità in conseguenza di azioni e sollecitazioni meccaniche, in modo da assicurare la durata e la funzionalità nel tempo senza pregiudicare la sicurezza all'utenza. A tal fine si considerano le seguenti azioni: carichi dovuti al peso proprio e di esercizio, sollecitazioni sismiche, carichi dovuti a dilatazioni termiche, assestamenti e deformazioni di strutture portanti. Gli eventuali cedimenti e/o deformazioni devono essere compensati da sistemi di giunzione e connessione. Comunque, in relazione alla funzione strutturale, le caratteristiche dei solai devono corrispondere a quelle prescritte dalle leggi e normative vigenti.

#### **Livello minimo della prestazione:**

Le prestazioni sono generalmente affidate allo strato o elementi portanti. I parametri di valutazione della prestazione possono essere il sovraccarico ammissibile espresso in daN oppure la luce limite di esercizio espresso in m.

#### **Riferimenti normativi:**

Legge 5.11.1971, n. 1086; Legge 2.2.1974, n. 64; D.M. Infrastrutture e Trasporti 14.1.2008; C.M. Infrastrutture e Trasporti 2.2.2009, n. 617; UNI 8290-2; UNI 8635-14; UNI EN 595.

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***L'Unità Tecnologica è composta dai seguenti Elementi Manutenibili:***

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- 01.03.01 Solai con travetti in c.a.p.
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## Elemento Manutenibile: 01.03.01

# Solai con travetti in c.a.p.

Unità Tecnologica: 01.03

Solai

I solai con travetti in cemento armato precompresso sono strutture parzialmente precomprese. Essi sono costituiti da travetti prefabbricati in conglomerato precompresso che possono essere, singoli o abbinati, tra i quali vengono disposti elementi in laterizio. Generalmente i travetti hanno la sezione a forma di T rovesciata con anima a coda di rondine per agevolare il collegamento con il getto di completamento in calcestruzzo, dove la scabrezza della superficie perimetrale dei travetti ne favorisce l'esecuzione.

## ANOMALIE RISCONTRABILI

### *01.03.01.A01 Avvallamenti o pendenze anomale dei pavimenti*

Le pavimentazioni presentano zone con avvallamenti e pendenze anomale che ne pregiudicano la planarità. Nei casi più gravi sono indicatori di dissesti statici e di probabile collasso strutturale.

### *01.03.01.A02 Deformazioni e spostamenti*

Deformazioni e spostamenti dovuti a cause esterne che alterano la normale configurazione dell'elemento.

### *01.03.01.A03 Disgregazione*

Decoesione caratterizzata da distacco di granuli o cristalli sotto minime sollecitazioni meccaniche.

### *01.03.01.A04 Distacco*

Disgregazione e distacco di parti notevoli del materiale che può manifestarsi anche mediante espulsione di elementi prefabbricati dalla loro sede.

### *01.03.01.A05 Esposizione dei ferri di armatura*

Distacchi di parte di calcestruzzo (copriferro) e relativa esposizione dei ferri di armatura a fenomeni di corrosione per l'azione degli agenti atmosferici.

### *01.03.01.A06 Fessurazioni*

Presenza di rotture singole, ramificate, ortogonale o parallele all'armatura che possono interessare l'intero spessore del manufatto.

### *01.03.01.A07 Lesioni*

Si manifestano con l'interruzione del tessuto murario. Le caratteristiche e l'andamento ne caratterizzano l'importanza e il tipo.

### *01.03.01.A08 Mancanza*

Caduta e perdita di parti del materiale del manufatto.

### *01.03.01.A09 Penetrazione di umidità*

Comparsa di macchie di umidità dovute all'assorbimento di acqua.

## CONTROLLI ESEGUIBILI DA PERSONALE SPECIALIZZATO



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### **01.03.01.C01 Controllo strutture**

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*Cadenza: ogni 12 mesi*

*Tipologia: Controllo a vista*

Controllo delle parti in vista finalizzato alla ricerca di anomalie che possano anticipare l'insorgenza di fenomeni di dissesto e/o cedimenti strutturali (fessurazioni, lesioni, ecc.).

Requisiti da verificare: 1) (Attitudine al) controllo della freccia massima; 2) Resistenza meccanica.

Anomalie riscontrabili: 1) Avvallamenti o pendenze anomale dei pavimenti; 2) Deformazioni e spostamenti; 3) Fessurazioni; 4) Lesioni; 5) Penetrazione di umidità.

Ditte specializzate: *Tecnici di livello superiore.*\_\_

## **MANUTENZIONI ESEGUIBILI DA PERSONALE SPECIALIZZATO**

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### **01.03.01.I01 Consolidamento solaio**

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*Cadenza: quando occorre*

Consolidamento del solaio in seguito ad eventi straordinari (dissesti, cedimenti) o a cambiamenti architettonici di destinazione o dei sovraccarichi.

Ditte specializzate: *Specializzati vari.*\_\_

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### **01.03.01.I02 Ripresa puntuale fessurazioni**

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*Cadenza: a guasto*

Ripresa puntuale delle fessurazioni e rigonfiamenti localizzati nei rivestimenti.

Ditte specializzate: *Specializzati vari.*\_\_

# MANUALE D'USO

**Comune di:** MAGLIANO DI TENNA  
**Provincia di:** FERMO  
**Oggetto:** NUOVI LOCULI CIMITERIALI

### ***Elenco dei Corpi d'Opera:***

° 01 NUOVI LOCULI CIMITERIALI

Corpo d'Opera: 01

# NUOVI LOCULI CIMITERIALI

## *Unità Tecnologiche:*

°01.01 Opere di fondazioni superficiali

°01.02 Strutture in elevazione in c.a.

°01.03 Solai

## Unità Tecnologica: 01.01

# Opere di fondazioni superficiali

Insieme degli elementi tecnici orizzontali del sistema edilizio avente funzione di separare gli spazi interni del sistema edilizio dal terreno sottostante e trasmetterne ad esso il peso della struttura e delle altre forze esterne.

In particolare si definiscono fondazioni superficiali o fondazioni dirette quella classe di fondazioni realizzate a profondità ridotte rispetto al piano campagna ossia l'approfondimento del piano di posa non è elevato.

Prima di realizzare opere di fondazioni superficiali provvedere ad un accurato studio geologico esteso ad una zona significativamente estesa dei luoghi d'intervento, in relazione al tipo di opera e al contesto geologico in cui questa si andrà a collocare.

Nel progetto di fondazioni superficiali si deve tenere conto della presenza di sottoservizi e dell'influenza di questi sul comportamento del manufatto. Nel caso di reti idriche e fognarie occorre particolare attenzione ai possibili inconvenienti derivanti da immissioni o perdite di liquidi nel sottosuolo.

È opportuno che il piano di posa in una fondazione sia tutto allo stesso livello. Ove ciò non sia possibile, le fondazioni adiacenti, appartenenti o non ad un unico manufatto, saranno verificate tenendo conto della reciproca influenza e della configurazione dei piani di posa. Le fondazioni situate nell'alveo o nelle golene di corsi d'acqua possono essere soggette allo scalzamento e perciò vanno adeguatamente difese e approfondite. Analoga precauzione deve essere presa nel caso delle opere marittime.

### ***L'Unità Tecnologica è composta dai seguenti Elementi Manutenibili:***

°01.01.01 Platee in c.a.

°01.01.02 Travi rovesce in c.a.

## Elemento Manutenibile: 01.01.01

### Platee in c.a.

**Unità Tecnologica: 01.01****Opere di fondazioni superficiali**

Sono fondazioni realizzate con un'unica soletta di base, di idoneo spessore, irrigidita da nervature nelle due direzioni principali così da avere una ripartizione dei carichi sul terreno uniforme, in quanto tutto insieme risulta notevolmente rigido. La fondazione a platea può essere realizzata anche con una unica soletta di grande spessore, opportunamente armata, o in alternativa con un solettone armato e provvisto di piastre di appoggio in corrispondenza dei pilastri, per evitare l'effetto di punzonamento dei medesimi sulla soletta.

Il progetto prevede la realizzazione di una platea di spessore pari a cm. 40, con armatura a trave rovescia lungo il perimetro, al di sotto dei pilastri, e a collegamento trasversale dei pilastri stessi.

Questo per evitare proprio l'effetto di punzonamento dei medesimi sulla platea.

#### ***Modalità di uso corretto:***

L'utente dovrà soltanto accertarsi della comparsa di eventuali anomalie che possano anticipare l'insorgenza di fenomeni di dissesto e/o cedimenti strutturali.

### ***ANOMALIE RISCONTRABILI***

#### ***01.01.01.A01 Cedimenti***

Dissesti dovuti a cedimenti di natura e causa diverse, talvolta con manifestazioni dell'abbassamento del piano di imposta della fondazione.

#### ***01.01.01.A02 Deformazioni e spostamenti***

Deformazioni e spostamenti dovuti a cause esterne che alterano la normale configurazione dell'elemento.

#### ***01.01.01.A03 Distacchi murari***

Distacchi dei paramenti murari mediante anche manifestazione di lesioni passanti.

#### ***01.01.01.A04 Distacco***

Disgregazione e distacco di parti notevoli del materiale che può manifestarsi anche mediante espulsione di elementi prefabbricati dalla loro sede.

#### ***01.01.01.A05 Esposizione dei ferri di armatura***

Distacchi di parte di calcestruzzo (copriferro) e relativa esposizione dei ferri di armatura a fenomeni di corrosione per l'azione degli agenti atmosferici.

#### ***01.01.01.A06 Fessurazioni***

Degradazione che si manifesta con la formazione di soluzioni di continuità del materiale e che può implicare lo spostamento reciproco delle parti.

#### ***01.01.01.A07 Lesioni***

Si manifestano con l'interruzione del tessuto murario. Le caratteristiche e l'andamento ne caratterizzano l'importanza e il tipo.

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**01.01.01.A08 Non perpendicolarità del fabbricato**

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Non perpendicolarità dell'edificio a causa di dissesti o eventi di natura diversa.

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**01.01.01.A09 Penetrazione di umidità**

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Comparsa di macchie di umidità dovute all'assorbimento di acqua.

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**01.01.01.A10 Rigonfiamento**

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Variazione della sagoma che interessa l'intero spessore del materiale e che si manifesta soprattutto in elementi lastriformi. Ben riconoscibile essendo dato dal tipico andamento "a bolla" combinato all'azione della gravità.

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**01.01.01.A11 Umidità**

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Presenza di umidità dovuta spesso per risalita capillare.

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**CONTROLLI ESEGUIBILI DALL'UTENTE**

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**01.01.01.C01 Controllo struttura**

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*Cadenza: ogni 12 mesi*

*Tipologia: Controllo a vista*

Controllare l'integrità delle pareti e dei pilastri verificando l'assenza di eventuali lesioni e/o fessurazioni. Controllare eventuali smottamenti del terreno circostante alla struttura che possano essere indicatori di cedimenti strutturali. Effettuare verifiche e controlli approfonditi particolarmente in corrispondenza di manifestazioni a calamità naturali (sisma, nubifragi, ecc.).

Requisiti da verificare: 1) *Resistenza meccanica.*

Anomalie riscontrabili: 1) *Cedimenti;* 2) *Distacchi murari;* 3) *Fessurazioni;* 4) *Lesioni;* 5) *Non perpendicolarità del fabbricato;* 6) *Penetrazione di umidità;* 7) *Deformazioni e spostamenti.*

Ditte specializzate: *Tecnici di livello superiore.*\_\_

## Elemento Manutenibile: 01.01.02

# Travi rovesce in c.a.

**Unità Tecnologica: 01.01****Opere di fondazioni superficiali**

Sono fondazioni indicate nel caso in cui ci siano problemi di cedimenti differenziali. le travi rovesce sono le fondazioni più comunemente adottate in zona sismica, poiché non sono soggette a spostamenti orizzontali relativi in caso di sisma. Il nome di trave rovescia deriva dal fatto che la trave costituente la fondazione risulta rovesciata rispetto a quella comunemente usata nelle strutture, in quanto il carico è costituito dalle reazioni del terreno e quindi agente dal basso, anziché dall'alto.

### ***Modalità di uso corretto:***

L'utente dovrà soltanto accertarsi della comparsa di eventuali anomalie che possano anticipare l'insorgenza di fenomeni di dissesto e/o cedimenti strutturali.

## ***ANOMALIE RISCONTRABILI***

### ***01.01.02.A01 Cedimenti***

Dissesti dovuti a cedimenti di natura e causa diverse, talvolta con manifestazioni dell'abbassamento del piano di imposta della fondazione.

### ***01.01.02.A02 Deformazioni e spostamenti***

Deformazioni e spostamenti dovuti a cause esterne che alterano la normale configurazione dell'elemento.

### ***01.01.02.A03 Distacchi murari***

Distacchi dei paramenti murari mediante anche manifestazione di lesioni passanti.

### ***01.01.02.A04 Distacco***

Disgregazione e distacco di parti notevoli del materiale che può manifestarsi anche mediante espulsione di elementi prefabbricati dalla loro sede.

### ***01.01.02.A05 Esposizione dei ferri di armatura***

Distacchi di parte di calcestruzzo (copriferro) e relativa esposizione dei ferri di armatura a fenomeni di corrosione per l'azione degli agenti atmosferici.

### ***01.01.02.A06 Fessurazioni***

Degradazione che si manifesta con la formazione di soluzioni di continuità del materiale e che può implicare lo spostamento reciproco delle parti.

### ***01.01.02.A07 Lesioni***

Si manifestano con l'interruzione del tessuto murario. Le caratteristiche e l'andamento ne caratterizzano l'importanza e il tipo.

### ***01.01.02.A08 Non perpendicolarità del fabbricato***

Non perpendicolarità dell'edificio a causa di dissesti o eventi di natura diversa.



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***01.01.02.A09 Penetrazione di umidità***

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Comparsa di macchie di umidità dovute all'assorbimento di acqua.

***01.01.02.A10 Rigonfiamento***

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Variazione della sagoma che interessa l'intero spessore del materiale e che si manifesta soprattutto in elementi lastriformi. Ben riconoscibile essendo dato dal tipico andamento “a bolla” combinato all'azione della gravità.

***01.01.02.A11 Umidità***

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Presenza di umidità dovuta spesso per risalita capillare.

## Unità Tecnologica: 01.02

# Strutture in elevazione in c.a.

Si definiscono strutture in elevazione gli insiemi degli elementi tecnici del sistema edilizio aventi la funzione di resistere alle azioni di varia natura agenti sulla parte di costruzione fuori terra, trasmettendole alle strutture di fondazione e quindi al terreno. In particolare le strutture verticali sono costituite dagli elementi tecnici con funzione di sostenere i carichi agenti, trasmettendoli verticalmente ad altre parti aventi funzione strutturale e ad esse collegate. Le strutture in c.a. permettono di realizzare una connessione rigida fra elementi, in funzione della continuità della sezione ottenuta con un getto monolitico.

La struttura di progetto è costituita da pilastri e travi in c.a..

### ***L'Unità Tecnologica è composta dai seguenti Elementi Manutenibili:***

°01.02.01 Pilastri

°01.02.02 Travi

## Elemento Manutenibile: 01.02.01

# Pilastrì

**Unità Tecnologica: 01.02**  
**Strutture in elevazione in c.a.**

I pilastrì sono elementi architettonici e strutturali verticali portanti, che trasferiscono i carichi della sovrastruttura alle strutture di ricezione delle parti sottostanti indicate a riceverli. I pilastrì in calcestruzzo armato sono realizzati, mediante armature trasversali e longitudinali che consentono la continuità dei pilastrì con gli altri elementi strutturali. Il dimensionamento dei pilastrì varia in funzione delle diverse condizioni di carico, delle luci e dell'interasse fra telai. La struttura presenta n° 8 pilastrì in c.a.. I quattro d'angolo hanno dimensioni pari a cm. 50x30, mentre quelli centrali hanno dimensioni pari a cm. 30x40.

### ***Modalità di uso corretto:***

In caso di verifiche strutturali dei pilastrì controllare la resistenza alla compressione e la verifica ad instabilità a carico di punta. In zona sismica verificare altresì gli spostamenti.

Non compromettere l'integrità delle strutture. Controllo periodico del grado di usura delle parti in vista. Riscontro di eventuali anomalie.

## ***ANOMALIE RISCONTRABILI***

### ***01.02.01.A01 Alveolizzazione***

Degradazione che si manifesta con la formazione di cavità di forme e dimensioni variabili. Gli alveoli sono spesso interconnessi e hanno distribuzione non uniforme. Nel caso particolare in cui il fenomeno si sviluppa essenzialmente in profondità con andamento a diverticoli si può usare il termine alveolizzazione a caratura.

### ***01.02.01.A02 Cavillature superfici***

Sottile trama di fessure sulla superficie del calcestruzzo.

### ***01.02.01.A03 Corrosione***

Decadimento delle armature metalliche all'interno del calcestruzzo a causa della combinazione con sostanze presenti nell'ambiente (ossigeno, acqua, anidride carbonica, ecc.).

### ***01.02.01.A04 Deformazioni e spostamenti***

Deformazioni e spostamenti dovuti a cause esterne che alterano la normale configurazione dell'elemento.

### ***01.02.01.A05 Disgregazione***

Decoesione caratterizzata da distacco di granuli o cristalli sotto minime sollecitazioni meccaniche.

### ***01.02.01.A06 Distacco***

Disgregazione e distacco di parti notevoli del materiale che può manifestarsi anche mediante espulsione di elementi prefabbricati dalla loro sede.

### ***01.02.01.A07 Efflorescenze***

Formazione di sostanze, generalmente di colore biancastro e di aspetto cristallino o polverulento o filamentoso, sulla superficie del manufatto. Nel caso di efflorescenze saline, la cristallizzazione può talvolta avvenire all'interno del materiale provocando spesso il distacco delle parti più superficiali: il fenomeno prende allora il nome di criptoefflorescenza o subefflorescenza.

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### ***01.02.01.A08 Erosione superficiale***

Asportazione di materiale dalla superficie dovuta a processi di natura diversa. Quando sono note le cause di degrado, possono essere utilizzati anche termini come erosione per abrasione o erosione per corrosione (cause meccaniche), erosione per corrosione (cause chimiche e biologiche), erosione per usura (cause antropiche).

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### ***01.02.01.A09 Esfoliazione***

Degradazione che si manifesta con distacco, spesso seguito da caduta, di uno o più strati superficiali subparalleli fra loro, generalmente causata dagli effetti del gelo.

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### ***01.02.01.A10 Esposizione dei ferri di armatura***

Distacchi ed espulsione di parte del calcestruzzo (copriferro) e relativa esposizione dei ferri di armatura dovuta a fenomeni di corrosione delle armature metalliche per l'azione degli agenti atmosferici.

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### ***01.02.01.A11 Fessurazioni***

Presenza di rotture singole, ramificate, ortogonale o parallele all'armatura che possono interessare l'intero spessore del manufatto dovute a fenomeni di ritiro del calcestruzzo e/o altri eventi.

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### ***01.02.01.A12 Lesioni***

Si manifestano con l'interruzione delle superfici dell'elemento strutturale. Le caratteristiche, l'andamento, l'ampiezza ne caratterizzano l'importanza e il tipo.

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### ***01.02.01.A13 Mancanza***

Caduta e perdita di parti del materiale del manufatto.

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### ***01.02.01.A14 Penetrazione di umidità***

Comparsa di macchie di umidità dovute all'assorbimento di acqua.

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### ***01.02.01.A15 Polverizzazione***

Decoesione che si manifesta con la caduta spontanea dei materiali sotto forma di polvere o granuli.

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### ***01.02.01.A16 Rigonfiamento***

Variazione della sagoma che interessa l'intero spessore del materiale e che si manifesta soprattutto in elementi lastriformi. Ben riconoscibile essendo dato dal tipico andamento "a bolla" combinato all'azione della gravità.

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### ***01.02.01.A17 Scheggiature***

Distacco di piccole parti di materiale lungo i bordi e gli spigoli degli elementi in calcestruzzo.

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### ***01.02.01.A18 Spalling***

Avviene attraverso lo schiacciamento e l'esplosione interna con il conseguente sfaldamento di inerti dovuto ad alte temperature nei calcestruzzi.

## Elemento Manutenibile: 01.02.02

# Travi

**Unità Tecnologica: 01.02**  
**Strutture in elevazione in c.a.**

Le travi sono elementi strutturali, che si pongono in opera in posizione orizzontale o inclinata per sostenere il peso delle strutture sovrastanti, con una dimensione predominante che trasferiscono, le sollecitazioni di tipo trasversale al proprio asse geometrico, lungo tale asse, dalle sezioni investite dal carico fino ai vincoli, garantendo l'equilibrio esterno delle travi in modo da assicurare il contesto circostante. Le travi in cemento armato utilizzano le caratteristiche meccaniche del materiale in modo ottimale resistendo alle azioni di compressione con il conglomerato cementizio ed in minima parte con l'armatura compressa ed alle azioni di trazione con l'acciaio teso. Le travi si possono classificare in funzione delle altezze rapportate alle luci, differenziandole in alte, normali, in spessore ed estradossate, a secondo del rapporto h/l e della larghezza.

Nel caso di progetto trattasi di travi alte o "calate".

### ***Modalità di uso corretto:***

Non compromettere l'integrità delle strutture. Controllo periodico del grado di usura delle parti in vista. Riscontro di eventuali anomalie.

## ***ANOMALIE RISCONTRABILI***

### ***01.02.02.A01 Alveolizzazione***

Degradazione che si manifesta con la formazione di cavità di forme e dimensioni variabili. Gli alveoli sono spesso interconnessi e hanno distribuzione non uniforme. Nel caso particolare in cui il fenomeno si sviluppa essenzialmente in profondità con andamento a diverticoli si può usare il termine alveolizzazione a caratura.

### ***01.02.02.A02 Cavillature superficiali***

Sottile trama di fessure sulla superficie del calcestruzzo.

### ***01.02.02.A03 Corrosione***

Decadimento delle armature metalliche all'interno del calcestruzzo a causa della combinazione con sostanze presenti nell'ambiente (ossigeno, acqua, anidride carbonica, ecc.).

### ***01.02.02.A04 Deformazioni e spostamenti***

Deformazioni e spostamenti dovuti a cause esterne che alterano la normale configurazione dell'elemento.

### ***01.02.02.A05 Disgregazione***

Decoesione caratterizzata da distacco di granuli o cristalli sotto minime sollecitazioni meccaniche.

### ***01.02.02.A06 Distacco***

Disgregazione e distacco di parti notevoli del materiale che può manifestarsi anche mediante espulsione di elementi prefabbricati dalla loro sede.

### ***01.02.02.A07 Efflorescenze***

Formazione di sostanze, generalmente di colore biancastro e di aspetto cristallino o polverulento o filamentoso, sulla superficie del manufatto. Nel caso di efflorescenze saline, la cristallizzazione può talvolta avvenire all'interno del materiale provocando spesso il

distacco delle parti più superficiali: il fenomeno prende allora il nome di criptoefflorescenza o subefflorescenza.

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#### ***01.02.02.A08 Erosione superficiale***

Asportazione di materiale dalla superficie dovuta a processi di natura diversa. Quando sono note le cause di degrado, possono essere utilizzati anche termini come erosione per abrasione o erosione per corrosione (cause meccaniche), erosione per corrosione (cause chimiche e biologiche), erosione per usura (cause antropiche).

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#### ***01.02.02.A09 Esfoliazione***

Degradazione che si manifesta con distacco, spesso seguito da caduta, di uno o più strati superficiali subparalleli fra loro, generalmente causata dagli effetti del gelo.

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#### ***01.02.02.A10 Esposizione dei ferri di armatura***

Distacchi ed espulsione di parte del calcestruzzo (copriferro) e relativa esposizione dei ferri di armatura dovuta a fenomeni di corrosione delle armature metalliche per l'azione degli agenti atmosferici.

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#### ***01.02.02.A11 Fessurazioni***

Presenza di rotture singole, ramificate, ortogonale o parallele all'armatura che possono interessare l'intero spessore del manufatto dovute a fenomeni di ritiro del calcestruzzo e/o altri eventi.

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#### ***01.02.02.A12 Lesioni***

Si manifestano con l'interruzione delle superfici dell'elemento strutturale. Le caratteristiche, l'andamento, l'ampiezza ne caratterizzano l'importanza e il tipo.

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#### ***01.02.02.A13 Mancanza***

Caduta e perdita di parti del materiale del manufatto.

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#### ***01.02.02.A14 Penetrazione di umidità***

Comparsa di macchie di umidità dovute all'assorbimento di acqua.

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#### ***01.02.02.A15 Polverizzazione***

Decoesione che si manifesta con la caduta spontanea dei materiali sotto forma di polvere o granuli.

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#### ***01.02.02.A16 Rigonfiamento***

Variazione della sagoma che interessa l'intero spessore del materiale e che si manifesta soprattutto in elementi lastriformi. Ben riconoscibile essendo dato dal tipico andamento "a bolla" combinato all'azione della gravità.

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#### ***01.02.02.A17 Scheggiature***

Distacco di piccole parti di materiale lungo i bordi e gli spigoli degli elementi in calcestruzzo.

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#### ***01.02.02.A18 Spalling***

Avviene attraverso lo schiacciamento e l'esplosione interna con il conseguente sfaldamento di inerti dovuto ad alte temperature nei calcestruzzi.

# **PROGRAMMA DI MANUTENZIONE**

## **SOTTOPROGRAMMA DEI CONTROLLI**

## 01 - NUOVI LOCULI IN C.A..

## 01.01 - Opere di fondazioni superficiali

Codice	Elementi Manutenibili / Controlli	Tipologia	Frequenza
<b>01.01.01</b>	<b>Platee in c.a.</b>		
01.01.01.C01	<p>Controllo: Controllo struttura</p> <p><i>Controllare l'integrità delle pareti e dei pilastri verificando l'assenza di eventuali lesioni e/o fessurazioni. Controllare eventuali smottamenti del terreno circostante alla struttura che possano essere indicatori di cedimenti strutturali. Effettuare verifiche e controlli approfonditi particolarmente in corrispondenza di manifestazioni a calamità naturali (sisma, nubifragi, ecc.).</i></p> <p>Requisiti da verificare: 1) Resistenza meccanica.</p> <p>Anomalie riscontrabili: 1) Cedimenti; 2) Distacchi murari; 3) Fessurazioni; 4) Lesioni; 5) Non perpendicolarità del fabbricato; 6) Penetrazione di umidità; 7) Deformazioni e spostamenti.</p> <p>Ditte specializzate: <i>Tecnici di livello superiore.</i></p>	Controllo a vista	ogni 12 mesi
<b>01.01.02</b>	<b>Travi rovesce in c.a.</b>		
01.01.02.C01	<p>Controllo: Controllo struttura</p> <p><i>Controllare l'integrità delle pareti e dei pilastri verificando l'assenza di eventuali lesioni e/o fessurazioni. Controllare eventuali smottamenti del terreno circostante alla struttura che possano essere indicatori di cedimenti strutturali. Effettuare verifiche e controlli approfonditi particolarmente in corrispondenza di manifestazioni a calamità naturali (sisma, nubifragi, ecc.).</i></p> <p>Requisiti da verificare: 1) Resistenza meccanica.</p> <p>Anomalie riscontrabili: 1) Cedimenti; 2) Distacchi murari; 3) Fessurazioni; 4) Lesioni; 5) Non perpendicolarità del fabbricato; 6) Penetrazione di umidità; 7) Deformazioni e spostamenti.</p> <p>Ditte specializzate: <i>Tecnici di livello superiore.</i></p>	Controllo a vista	ogni 12 mesi

## 01.02 - Strutture in elevazione in c.a.

Codice	Elementi Manutenibili / Controlli	Tipologia	Frequenza
<b>01.02.01</b>	<b>Pilastri</b>		
01.02.01.C01	<p>Controllo: Controllo di eventuale quadro fessurativo</p> <p><i>Attraverso un esame visivo del quadro fessurativo approfondire ed analizzare eventuali dissesti strutturali anche con l'ausilio di indagini strumentali in situ.</i></p> <p>Requisiti da verificare: 1) Resistenza meccanica.</p> <p>Anomalie riscontrabili: 1) Deformazioni e spostamenti; 2) Distacco; 3) Fessurazioni; 4) Lesioni; 5) Penetrazione di umidità; 6) Esposizione dei ferri di armatura.</p> <p>Ditte specializzate: <i>Tecnici di livello superiore.</i></p>	Controllo a vista	ogni 12 mesi
01.02.01.C02	<p>Controllo: Controllo di deformazioni e/o spostamenti</p> <p><i>Controllare eventuali deformazioni e/o spostamenti dell'elemento strutturale dovuti a cause esterne che ne alterano la normale configurazione.</i></p> <p>Requisiti da verificare: 1) Resistenza meccanica.</p> <p>Anomalie riscontrabili: 1) Deformazioni e spostamenti; 2) Distacco; 3) Fessurazioni; 4) Lesioni; 5) Penetrazione di umidità; 6) Esposizione dei ferri di armatura.</p> <p>Ditte specializzate: <i>Tecnici di livello superiore.</i></p>	Controllo a vista	ogni 12 mesi
<b>01.02.02</b>	<b>Travi</b>		
01.02.02.C01	<p>Controllo: Controllo di eventuale quadro fessurativo</p> <p><i>Attraverso un esame visivo del quadro fessurativo approfondire ed analizzare eventuali dissesti strutturali anche con l'ausilio di indagini strumentali in situ.</i></p> <p>Requisiti da verificare: 1) Resistenza meccanica.</p> <p>Anomalie riscontrabili: 1) Deformazioni e spostamenti; 2) Distacco; 3) Esposizione dei ferri di armatura; 4) Fessurazioni; 5) Lesioni; 6) Penetrazione di umidità.</p> <p>Ditte specializzate: <i>Tecnici di livello superiore.</i></p>	Controllo a vista	ogni 12 mesi
01.02.02.C02	<p>Controllo: Controllo di deformazioni e/o spostamenti</p> <p><i>Controllare eventuali deformazioni e/o spostamenti dell'elemento strutturale dovuti a cause esterne che ne alterano la normale configurazione.</i></p> <p>Requisiti da verificare: 1) Resistenza meccanica.</p> <p>Anomalie riscontrabili: 1) Deformazioni e spostamenti; 2) Distacco; 3) Esposizione dei ferri di armatura; 4) Fessurazioni; 5) Lesioni; 6) Penetrazione di umidità.</p> <p>Ditte specializzate: <i>Tecnici di livello superiore.</i></p>	Controllo a vista	ogni 12 mesi



01.03 - Solai

Codice	Elementi Manutenibili / Controlli	Tipologia	Frequenza
01.03.01	Solai con travetti in c.a.p.		
01.03.01.C01	<p>Controllo: Controllo strutture</p> <p><i>Controllo delle parti in vista finalizzato alla ricerca di anomalie che possano anticipare l'insorgenza di fenomeni di dissesto e/o cedimenti strutturali (fessurazioni, lesioni, ecc.).</i></p> <p>Requisiti da verificare: 1) (Attitudine al) controllo della freccia massima; 2) Resistenza meccanica.</p> <p>Anomalie riscontrabili: 1) Avvallamenti o pendenze anomale dei pavimenti; 2) Deformazioni e spostamenti; 3) Fessurazioni; 4) Lesioni; 5) Penetrazione di umidità.</p> <p>Ditte specializzate: <i>Tecnici di livello superiore.</i></p>	Controllo a vista	ogni 12 mesi

# **PROGRAMMA DI MANUTENZIONE**

## **SOTTOPROGRAMMA DEGLI INTERVENTI**

## 01 - REALIZZAZIONE DI NUOVI LOCULI IN C.A..

### 01.01 - Opere di fondazioni superficiali

Codice	Elementi Manutenibili / Interventi	Frequenza
<b>01.01.01</b>	<b>Platee in c.a.</b>	
01.01.01.I01	Intervento: Interventi sulle strutture <i>In seguito alla comparsa di segni di cedimenti strutturali (lesioni, fessurazioni, rotture), effettuare accurati accertamenti per la diagnosi e la verifica delle strutture, da parte di tecnici qualificati, che possano individuare la causa/effetto del dissesto ed evidenziare eventuali modificazioni strutturali tali da compromettere la stabilità delle strutture, in particolare verificare la perpendicolarità del fabbricato. Procedere quindi al consolidamento delle stesse a secondo del tipo di dissesti riscontrati.</i> Ditte specializzate: <i>Specializzati vari.</i> __	quando occorre
<b>01.01.02</b>	<b>Travi rovesce in c.a.</b>	
01.01.02.I01	Intervento: Interventi sulle strutture <i>In seguito alla comparsa di segni di cedimenti strutturali (lesioni, fessurazioni, rotture), effettuare accurati accertamenti per la diagnosi e la verifica delle strutture, da parte di tecnici qualificati, che possano individuare la causa/effetto del dissesto ed evidenziare eventuali modificazioni strutturali tali da compromettere la stabilità delle strutture, in particolare verificare la perpendicolarità del fabbricato. Procedere quindi al consolidamento delle stesse a secondo del tipo di dissesti riscontrati.</i> Ditte specializzate: <i>Specializzati vari.</i> __	quando occorre

### 01.02 - Strutture in elevazione in c.a.

Codice	Elementi Manutenibili / Interventi	Frequenza
<b>01.02.01</b>	<b>Pilastrì</b>	
01.02.01.I01	Intervento: Interventi sulle strutture <i>Gli interventi riparativi dovranno effettuarsi a secondo del tipo di anomalia riscontrata e previa diagnosi delle cause del difetto accertato.</i> Ditte specializzate: <i>Specializzati vari.</i> __	quando occorre
<b>01.02.02</b>	<b>Travi</b>	
01.02.02.I01	Intervento: Interventi sulle strutture <i>Gli interventi riparativi dovranno effettuarsi a secondo del tipo di anomalia riscontrata e previa diagnosi delle cause del difetto accertato.</i> Ditte specializzate: <i>Specializzati vari.</i> __	quando occorre

### 01.03 - Solai

Codice	Elementi Manutenibili / Interventi	Frequenza
<b>01.03.01</b>	<b>Solai con travetti in c.a.p.</b>	
01.03.01.I01	Intervento: Consolidamento solaio <i>Consolidamento del solaio in seguito ad eventi straordinari (dissesti, cedimenti) o a cambiamenti architettonici di destinazione o dei sovraccarichi.</i> Ditte specializzate: <i>Specializzati vari.</i>	quando occorre
01.03.01.I02	Intervento: Ripresa puntuale fessurazioni <i>Ripresa puntuale delle fessurazioni e rigonfiamenti localizzati nei rivestimenti.</i> Ditte specializzate: <i>Specializzati vari.</i> __	a guasto

# **PROGRAMMA DI MANUTENZIONE**

## **SOTTOPROGRAMMA DELLE PRESTAZIONI**

## Di stabilità

### 01 - REALIZZAZIONE DI NUOVI LOCULI IN C.A..

#### 01.01 - Opere di fondazioni superficiali

Codice	Elementi Manutenibili / Requisiti e Prestazioni / Controlli	Tipologia	Frequenza
<b>01.01</b>	<b>Opere di fondazioni superficiali</b>		
01.01.R01	<p>Requisito: Resistenza meccanica</p> <p><i>Le opere di fondazioni superficiali dovranno essere in grado di contrastare le eventuali manifestazioni di deformazioni e cedimenti rilevanti dovuti all'azione di determinate sollecitazioni (carichi, forze sismiche, ecc.).</i></p> <p>Livello minimo della prestazione: <i>Per i livelli minimi si rimanda alle prescrizioni di legge e di normative vigenti in materia.</i></p> <p>Riferimenti normativi: Legge 5.11.1971, n. 1086; Legge 2.2.1974, n. 64; D.M. Infrastrutture e Trasporti 14.1.2008; C.M. Infrastrutture e Trasporti 2.2.2009, n. 617; UNI 8290-2; UNI EN 1356; UNI EN 12390-1; UNI EN 1992 1/2; UNI EN 1090-3; UNI 9503; UNI EN 1993; UNI EN 1999; UNI EN 1994 UNI EN 1994 1/2; UNI EN 1995; UNI EN 384. __</p>		
01.01.02.C01	<p>Controllo: Controllo struttura</p> <p><i>Controllare l'integrità delle pareti e dei pilastri verificando l'assenza di eventuali lesioni e/o fessurazioni. Controllare eventuali smottamenti del terreno circostante alla struttura che possano essere indicatori di cedimenti strutturali. Effettuare verifiche e controlli approfonditi particolarmente in corrispondenza di manifestazioni a calamità naturali (sisma, nubifragi, ecc.).</i></p>	Controllo a vista	ogni 12 mesi
01.01.01.C01	<p>Controllo: Controllo struttura</p> <p><i>Controllare l'integrità delle pareti e dei pilastri verificando l'assenza di eventuali lesioni e/o fessurazioni. Controllare eventuali smottamenti del terreno circostante alla struttura che possano essere indicatori di cedimenti strutturali. Effettuare verifiche e controlli approfonditi particolarmente in corrispondenza di manifestazioni a calamità naturali (sisma, nubifragi, ecc.).</i></p>	Controllo a vista	ogni 12 mesi

#### 01.02 - Strutture in elevazione in c.a.

Codice	Elementi Manutenibili / Requisiti e Prestazioni / Controlli	Tipologia	Frequenza
<b>01.02</b>	<b>Strutture in elevazione in c.a.</b>		
01.02.R01	<p>Requisito: Resistenza meccanica</p> <p><i>Le strutture di elevazione dovranno essere in grado di contrastare le eventuali manifestazioni di deformazioni e cedimenti rilevanti dovuti all'azione di determinate sollecitazioni (carichi, forze sismiche, ecc.).</i></p> <p>Livello minimo della prestazione: <i>Per i livelli minimi si rimanda alle prescrizioni di legge e di normative vigenti in materia. In particolare D.M. 14.1.2008 (Norme tecniche per le costruzioni) e la Circolare 2.2.2009, n.617 (Istruzioni per l'applicazione delle «Nuove norme tecniche per le costruzioni» di cui al decreto ministeriale 14.1.2008).</i></p> <p>Riferimenti normativi: Legge 5.11.1971, n. 1086; Legge 2.2.1974, n. 64; D.M. Infrastrutture e Trasporti 14.1.2008; C.M. Infrastrutture e Trasporti 2.2.2009, n. 617; UNI 8290-2; UNI EN 1356; UNI EN 12390-1; UNI EN 1992 1/2; UNI EN 1090-3; UNI 9503; UNI EN 1993; UNI EN 1999; UNI EN 1994 UNI EN 1994 1/2; UNI EN 1995; UNI EN 384. __</p>		
01.02.02.C02	<p>Controllo: Controllo di deformazioni e/o spostamenti</p> <p><i>Controllare eventuali deformazioni e/o spostamenti dell'elemento strutturale dovuti a cause esterne che ne alterano la normale configurazione.</i></p>	Controllo a vista	ogni 12 mesi
01.02.02.C01	<p>Controllo: Controllo di eventuale quadro fessurativo</p> <p><i>Attraverso un esame visivo del quadro fessurativo approfondire ed analizzare eventuali dissesti strutturali anche con l'ausilio di indagini strumentali in situ.</i></p>	Controllo a vista	ogni 12 mesi
01.02.01.C02	<p>Controllo: Controllo di deformazioni e/o spostamenti</p> <p><i>Controllare eventuali deformazioni e/o spostamenti dell'elemento strutturale dovuti a cause esterne che ne alterano la normale configurazione.</i></p>	Controllo a vista	ogni 12 mesi
01.02.01.C01	<p>Controllo: Controllo di eventuale quadro fessurativo</p> <p><i>Attraverso un esame visivo del quadro fessurativo approfondire ed analizzare eventuali dissesti strutturali anche con l'ausilio di indagini strumentali in situ.</i></p>	Controllo a vista	ogni 12 mesi

#### 01.03 - Solai

Codice	Elementi Manutenibili / Requisiti e Prestazioni / Controlli	Tipologia	Frequenza
<b>01.03</b>	<b>Solai</b>		
01.03.R01	<p>Requisito: (Attitudine al) controllo della freccia massima __</p>		

01.03.01.C01	<p><i>La freccia di inflessione di un solaio costituisce il parametro attraverso il quale viene giudicata la deformazione sotto carico e la sua elasticità.</i></p> <p><i>Livello minimo della prestazione: Le deformazioni devono risultare compatibili con le condizioni di esercizio del solaio e degli elementi costruttivi ed impiantistici ad esso collegati secondo le norme vigenti.</i></p> <p><i>Riferimenti normativi: Legge 5.11.1971, n. 1086; D.M. Infrastrutture e Trasporti 14.1.2008; C.M. Infrastrutture e Trasporti 2.2.2009, n. 617; UNI 8290-2.</i></p> <p><i>Controllo: Controllo strutture</i></p> <p><i>Controllo delle parti in vista finalizzato alla ricerca di anomalie che possano anticipare l'insorgenza di fenomeni di dissesto e/o cedimenti strutturali (fessurazioni, lesioni, ecc.).</i></p>	Controllo a vista	ogni 12 mesi
01.03.R02	<p><i>Requisito: Resistenza meccanica</i></p> <p><i>I solai devono contrastare in modo efficace la manifestazione di eventuali rotture, o deformazioni rilevanti, causate dall'azione di possibili sollecitazioni.</i></p> <p><i>Livello minimo della prestazione: Le prestazioni sono generalmente affidate allo strato o elementi portanti. I parametri di valutazione della prestazione possono essere il sovraccarico ammissibile espresso in daN oppure la luce limite di esercizio espresso in m.</i></p> <p><i>Riferimenti normativi: Legge 5.11.1971, n. 1086; Legge 2.2.1974, n. 64; D.M. Infrastrutture e Trasporti 14.1.2008; C.M. Infrastrutture e Trasporti 2.2.2009, n. 617; UNI 8290-2; UNI 8635-14; UNI EN 595.</i></p>		
01.03.01.C01	<p><i>Controllo: Controllo strutture</i></p> <p><i>Controllo delle parti in vista finalizzato alla ricerca di anomalie che possano anticipare l'insorgenza di fenomeni di dissesto e/o cedimenti strutturali (fessurazioni, lesioni, ecc.).</i></p>	Controllo a vista	ogni 12 mesi