

POLITECNICO DI TORINO

Corso di Laurea Magistrale
in Ingegneria Edile

Tesi di Laurea Magistrale

Calcestruzzi innovativi: applicazione per strutture sostenibili
Innovative concretes: application for sustainable structures



RELAZIONE 2: FASCICOLO CALCOLI-VILLA A

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1 Dati

1.1 Dati Generali

Numero Impalcati : 2
 Numero delle tipologie di sezioni trasversali usate : 10
 Numero delle tipologie di solaio utilizzate : 2

Impalcato	Quota assoluta min [cm]	Quota assoluta max [cm]	Quota relativa min [cm]	Quota relativa max [cm]	Numero Colonne	Numero Travi
FONDAZIONE	0.00	0.00	0.00	0.00	0	49
PRIMO IMPALCATO	0.00	300.00	300.00	300.00	18	69
SECONDO IMPALCATO	300.00	600.00	300.00	300.00	16	22

Coordinate (Datum WGS84) del sito : Latitudine = 41.0930° - Longitudine = 16.8704°
 Coordinate (Datum ED50) del sito : Latitudine = 41.0940° - Longitudine = 16.8713°

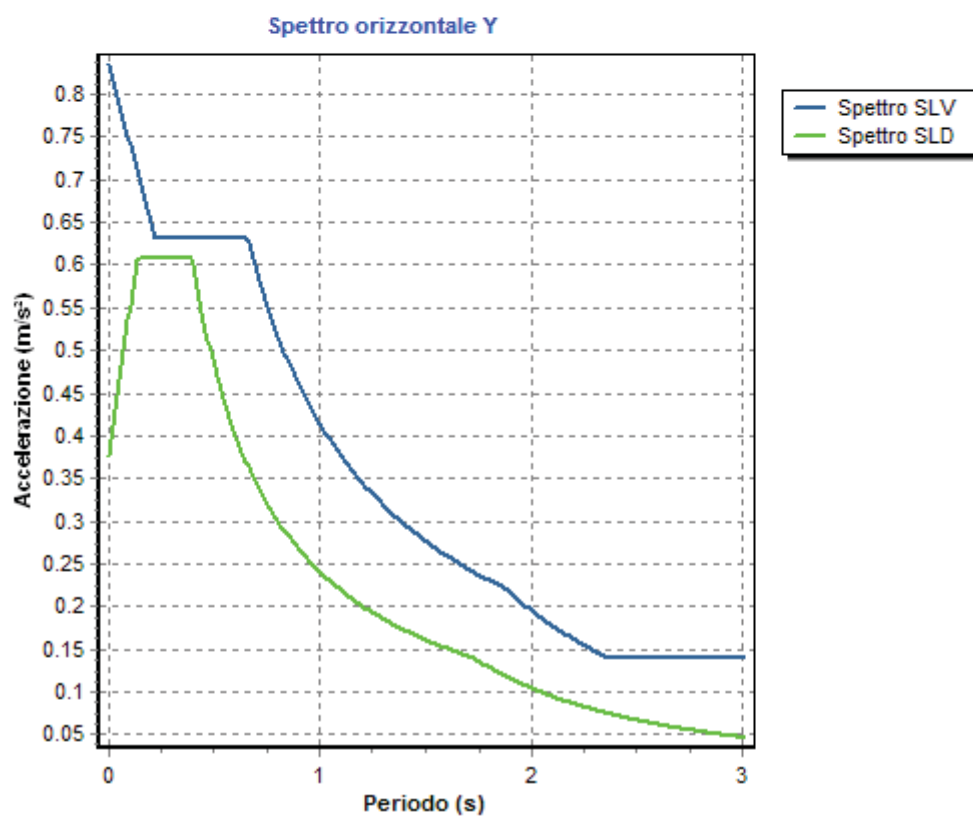
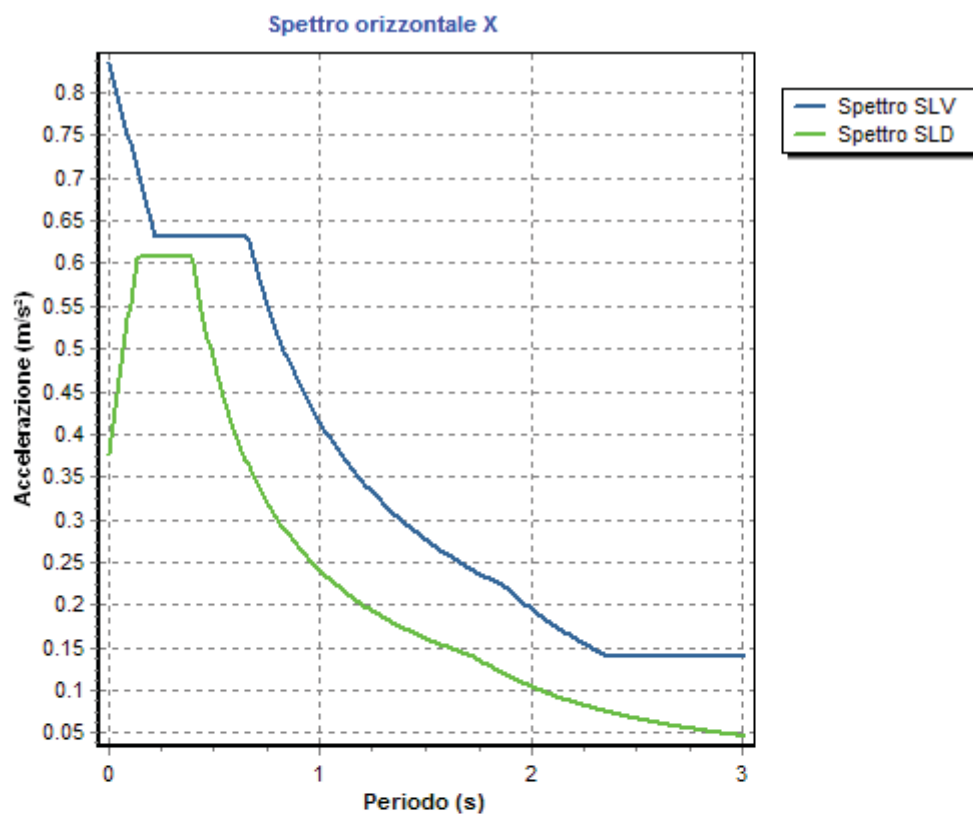


Identificativi e coordinate (Datum ED50) dei punti che includono il sito		
Numero punto	Latitudine [°]	Longitudine [°]
31685	41.1365	16.8099
31686	41.1345	16.8763
31907	41.0865	16.8073
31908	41.0846	16.8736

Zona sismica : SI
 Suolo di fondazione : B
 Vita nominale : 50
 Classe di duttilità: B
 Tipo di opera : Opere ordinarie
 Classe d'uso : II
 Vita di riferimento : 50
 Categoria topografica : T1
 Coefficiente smorzamento viscoso : 0.05

	Parametri dello spettro di risposta orizzontale							
	SLV		SLC		SLD		SLO	
Tempo di ritorno	475		975		50		30	
Accelerazione sismica	0.071		0.089		0.032		0.026	
Coefficiente F_0	2.612		2.709		2.423		2.381	
Periodo T_c^*	0.523		0.550		0.278		0.220	
Coefficiente S_s	1.20		1.20		1.20		1.20	
Coefficiente di amplificazione topografica S_t	1.00		1.00		1.00		1.00	
Prodotto $S_s \cdot S_t$	1.20		1.20		1.20		1.20	
Periodo T_B	0.22		0.23		0.13		0.11	
Periodo T_C	0.65		0.68		0.40		0.33	
Periodo T_D	1.88		1.96		1.73		1.70	
	x	y	x	y	x	y	x	y
Coefficiente η	0.290	0.290	1.000	1.000	*	*	*	*

* η pari a 1 per gli spostamenti e 2/3 per le sollecitazioni.



- FATTORI DI COMPORTAMENTO -

Fattore di comportamento direzione x (q_x) : 3.45

Fattore di comportamento direzione y (q_y) : 3.45

Fattore di comportamento direzione z (qz)	: 1.50
Modulo di Winkler traslazionale	: 3.00 daN/cm ³
Modulo di Winkler tangenziale	: 1.50 daN/cm ³
Delta Termico aste di elevazione	: 0
Delta Termico aste di fondazione	: 0
Modulo di omogeneizzazione (per SLE)	: 15
Classe di servizio per le strutture in legno	: 2

Coeff. di riduzione per rigidità fessurata:

SLV-SLC

Pilastr

Assiale	da Carico Assiale
Flessione	da Carico Assiale
Taglio	da Carico Assiale

Travi

Assiale	da Carico Assiale
Flessione	da Carico Assiale
Taglio	da Carico Assiale

Pareti

Nel Piano	: 1.00
Fuori Piano	: 1.00

Platee

Nel Piano	: 1.00
Fuori Piano	: 1.00

SLD-SLO

Pilastr

Assiale	da Carico Assiale
Flessione	da Carico Assiale
Taglio	da Carico Assiale

Travi

Assiale	da Carico Assiale
Flessione	da Carico Assiale
Taglio	da Carico Assiale

Pareti

Nel Piano	: 1.00
Fuori Piano	: 1.00

Platee

Nel Piano	: 1.00
Fuori Piano	: 1.00

Delta termico

Slv

: 1.00

Sle

: 1.00

Copriferro Travi di Fondazione	: 2.50 cm
Copriferro Travi di Elevazione in C.A.	: 2.50 cm
Copriferro Pilastr in C.A.	: 2.50 cm
Copriferro Solai	: 2.00 cm
Copriferro Piastre di Elevazione	: 2.00 cm

1.2 Elenco e Caratteristiche dei materiali.

Nell'ambito del progetto si è fatto uso dei seguenti materiali divisi per categoria di appartenenza:

a - Calcestruzzo

Nom e	Classe	R _{ck} [daN/c m ²]	v	ps [daN/ m ³]	α _t [1/°C]	E _c [daN/c m ²]	FC	γ _{m,c}	E _{ct} /E _c	f _{ck} [daN/ cm ²]	f _{cm} [daN/c m ²]	f _{ed} SLU [daN/c m ²]	f _{ctd} SLU [daN/c m ²]	f _{cd} SLD [daN/c m ²]	f _{ctd} SLD [daN/c m ²]	f _{ctk,0.05} [daN/c m ²]	f _{ctm} [daN/c m ²]	g _{c2} [%]	g _{cu2} [%]
c25/ 30	C25/30	300	0.15	2500	1.0E-005	314758. 1	-	1.50	0.50	250.0	-	141.7	12.0	212.5	18.0	18.0	25.6	2.00	3.50

b - Acciaio per C.A.

Nome	Tipo	γ_m	FC	Es [daN/cm ²]	fyk [daN/cm ²]	ftk [daN/cm ²]	fd SLU [daN/cm ²]	fd SLD [daN/cm ²]	fd SLE [daN/cm ²]	k	ϵ_{ud} [%]
B450C	B450C	1.15	-	2100000.0	4500.0	5400.0	3913.0	4500.0	3913.0	1.00	10.00

1.3 Elenco e caratteristiche delle colonne stratigrafiche.

Nell'ambito del progetto si è fatto uso delle seguenti colonne stratigrafiche:

Caratteristiche delle colonne stratigrafiche:

Colonna : nome della colonna stratigrafica;
 Filo : filo fisso al quale appartiene la colonna stratigrafica;
 Impalcato : Impalcato al quale appartiene la colonna stratigrafica;
 Falda : Presenza della falda;
 Prof. Falda : Profondità della falda (se è presente);
 Spicc. Fond. : Quota dell'estradosso della fondazione rispetto al piano campagna;
 No. Strati : Numero degli strati della colonna stratigrafica.
 RQD : (Rock Quality Designation) grado di fratturazione dell'ammasso roccioso in [0-1]

Filo	Colonna	Impalcato	Falda	Prof. Falda [cm]	Spicc. Fond. [cm]	No. Strati	RQD
1	Colonna 1	FONDAZIO NE	Non Presente	-	0.00	4	-
2	Colonna 1	FONDAZIO NE	Non Presente	-	0.00	4	-
3	Colonna 1	FONDAZIO NE	Non Presente	-	0.00	4	-
4	Colonna 1	FONDAZIO NE	Non Presente	-	0.00	4	-
5	Colonna 1	FONDAZIO NE	Non Presente	-	0.00	4	-
6	Colonna 1	FONDAZIO NE	Non Presente	-	0.00	4	-
7	Colonna 1	FONDAZIO NE	Non Presente	-	0.00	4	-
8	Colonna 1	FONDAZIO NE	Non Presente	-	0.00	4	-
9	Colonna 1	FONDAZIO NE	Non Presente	-	0.00	4	-
10	Colonna 1	FONDAZIO NE	Non Presente	-	0.00	4	-
11	Colonna 1	FONDAZIO NE	Non Presente	-	0.00	4	-
12	Colonna 1	FONDAZIO NE	Non Presente	-	0.00	4	-
13	Colonna 1	FONDAZIO NE	Non Presente	-	0.00	4	-
14	Colonna 1	FONDAZIO NE	Non Presente	-	0.00	4	-
15	Colonna 1	FONDAZIO NE	Non Presente	-	0.00	4	-
16	Colonna 1	FONDAZIO NE	Non Presente	-	0.00	4	-
17	Colonna 1	FONDAZIO NE	Non Presente	-	0.00	4	-
18	Colonna 1	FONDAZIO NE	Non Presente	-	0.00	4	-
19	Colonna 1	FONDAZIO NE	Non Presente	-	0.00	4	-
20	Colonna 1	FONDAZIO NE	Non Presente	-	0.00	4	-
21	Colonna 1	FONDAZIO NE	Non Presente	-	0.00	4	-

22	Colonna 1	FONDAZIO NE	Non Presente	-	0.00	4	-
23	Colonna 1	FONDAZIO NE	Non Presente	-	0.00	4	-
24	Colonna 1	FONDAZIO NE	Non Presente	-	0.00	4	-
25	Colonna 1	FONDAZIO NE	Non Presente	-	0.00	4	-
26	Colonna 1	FONDAZIO NE	Non Presente	-	0.00	4	-
27	Colonna 1	FONDAZIO NE	Non Presente	-	0.00	4	-
28	Colonna 1	FONDAZIO NE	Non Presente	-	0.00	4	-
29	Colonna 1	FONDAZIO NE	Non Presente	-	0.00	4	-
30	Colonna 1	FONDAZIO NE	Non Presente	-	0.00	4	-
31	Colonna 1	FONDAZIO NE	Non Presente	-	0.00	4	-
32	Colonna 1	FONDAZIO NE	Non Presente	-	0.00	4	-
33	Colonna 1	FONDAZIO NE	Non Presente	-	0.00	4	-
34	Colonna 1	FONDAZIO NE	Non Presente	-	0.00	4	-
35	Colonna 1	FONDAZIO NE	Non Presente	-	0.00	4	-
36	Colonna 1	FONDAZIO NE	Non Presente	-	0.00	4	-
37	Colonna 1	FONDAZIO NE	Non Presente	-	0.00	4	-
38	Colonna 1	FONDAZIO NE	Non Presente	-	0.00	4	-
39	Colonna 1	FONDAZIO NE	Non Presente	-	0.00	4	-
40	Colonna 1	FONDAZIO NE	Non Presente	-	0.00	4	-

Caratteristiche degli strati appartenenti alle colonne stratigrafiche:

Colonna : nome della colonna stratigrafica;
 Strato : nome dello strato appartenente la colonna stratigrafica;
 Spess. : Spessore dello strato;
 Peso : Peso dell'unità di volume dello strato;
 Peso eff. : Peso dell'unità di volume efficace dello strato;
 NSPT : Numero di colpi medio misurato nello strato;
 Qc : Resistenza alla punta media misurata nello strato;
 ϕ : Angolo di attrito del terreno;
 C : Coesione drenata del terreno;
 Cu : Coesione non drenata del terreno;
 E : Modulo elastico del terreno;
 G : Modulo di taglio del terreno;
 ν_t : Coefficiente di Poisson;
 E_{ed} : Modulo Edometrico;
 OCR : Grado di sovraconsolidazione del terreno.

Colonna	Strato	Spess. [cm]	Peso [daN/m ³]	Peso eff. [daN/m ³]	NSPT	Qc [daN/cm ²]	ϕ [°]	C [daN/cm ²]	Cu [daN/cm ²]	E [daN/cm ²]	G [daN/cm ²]	ν_t	E_{ed} [daN/cm ²]	OC R
Colonna 1	Riporto	200.0	1770.0	1770.0	40	19.75	26.0	0.00	1.52	459.00	1950.67	0.35	299.00	1.00
	Calcarinit e	450.0	1930.0	1930.0	114	42.88	32.0	0.30	4.33	1055.00	4323.80	0.35	676.00	1.00
	Calcarinit e	445.0	2050.0	2050.0	230	75.59	34.0	0.30	8.74	1910.00	7371.07	0.35	1219.00	1.00
	Calcicare	2000.0	2190.0	2190.0	300	167.02	39.0	0.00	11.40	6945.00	9020.48	0.33	-	1.00

1.4 Elenco dei carichi.

1.4.1 Pesi propri unitari - G1.

Impalcato	Solai [daN/m ²]	Balconi [daN/m ²]	Scale [daN/m ²]
FONDAZIONE	-	-	-
PRIMO IMPALCATO	325	325	-
SECONDO IMPALCATO	370	-	-

- Analisi dei Carichi -

PRIMO IMPALCATO

Solai

Tipologia solaio prevalente: SLC_SOLAIO20+5(LATERO CEMENTO)

Altezza pignatta	20.0 cm
Larghezza pignatta	40.0 cm
Larghezza travetto	10.0 cm
Altezza solettina collaborante	5.0 cm
Peso dell'unità di volume calcestruzzo armato	2500.0 daN/m ³
Peso Pignatte	100.0 daN/m ²

Peso Proprio Solaio: 325 daN/m²

Balconi

Tipologia balcone prevalente: SLC_SOLAIO20+5(LATERO CEMENTO)

Altezza pignatta	20.0 cm
Larghezza pignatta	40.0 cm
Larghezza travetto	10.0 cm
Altezza solettina collaborante	5.0 cm
Peso dell'unità di volume calcestruzzo armato	2500.0 daN/m ³
Peso Pignatte	100.0 daN/m ²

Peso Proprio Solaio: 325 daN/m²

SECONDO IMPALCATO

Solai

Tipologia solaio prevalente: SLC_SOLAIO25+5(LATERO CEMENTO)

Altezza pignatta	25.0 cm
Larghezza pignatta	40.0 cm
Larghezza travetto	12.0 cm
Altezza solettina collaborante	5.0 cm
Peso dell'unità di volume calcestruzzo armato	2500.0 daN/m ³
Peso Pignatte	100.0 daN/m ²

Peso Proprio Solaio: 370 daN/m²

1.4.2 Carichi Permanenti unitari - G2.

Impalcato	Solai [daN/m ²]	Balconi [daN/m ²]	Scale [daN/m ²]	Influenza Tramezzi [daN/m ²]	Tamponature [daN/m]
FONDAZIONE	100	100	100	100	582
PRIMO IMPALCATO	100	100	100	100	582
SECONDO IMPALCATO	100	100	100	0	0

- Analisi dei Carichi -

FONDAZIONE

Influenza Tramezzi

Il peso proprio degli elementi divisori interni viene ragguagliato ad un carico permanente portato uniformemente distribuito come definito dal punto 3.1.3.1 - Elementi divisori interni (D.M. 17/01/2018)

Tamponature

Tipologia tamponatura prevalente: Tamp_Default (Tamponatura rigidamente connessa)

Descrizione Strato	Spessore	Peso per unità di volume
Intonaco	2.0 cm	1600.0 daN/m ³
Mattone forato	8.0 cm	600.0 daN/m ³
Camera d'aria	4.0 cm	0.0 daN/m ³
Isolante termico	4.0 cm	150.0 daN/m ³
Mattone forato	12.0 cm	600.0 daN/m ³
Intonaco	2.0 cm	1800.0 daN/m ³

Peso proprio tamponatura: 194.0 daN/m²

PRIMO IMPALCATO

Solai

Tipologia solaio prevalente: Il carico permanente non strutturale G2 deriva dall'analisi della tipologia di solaio adottata in fase di progettazione e descritta nei relativi elaborati

Balconi

Tipologia balcone prevalente: Il carico permanente non strutturale G2 deriva dall'analisi della tipologia di balcone adottata in fase di progettazione e descritta nei relativi elaborati

Influenza Tramezzi

Il peso proprio degli elementi divisori interni viene ragguagliato ad un carico permanente portato uniformemente distribuito come definito dal punto 3.1.3.1 - Elementi divisori interni (D.M. 17/01/2018)

Tamponature

Tipologia tamponatura prevalente: Tamp_Default (Tamponatura rigidamente connessa)

Descrizione Strato	Spessore	Peso per unità di volume
Intonaco	2.0 cm	1600.0 daN/m ³
Mattone forato	8.0 cm	600.0 daN/m ³
Camera d'aria	4.0 cm	0.0 daN/m ³
Isolante termico	4.0 cm	150.0 daN/m ³
Mattone forato	12.0 cm	600.0 daN/m ³
Intonaco	2.0 cm	1800.0 daN/m ³

Peso proprio tamponatura: 194.0 daN/m²

SECONDO IMPALCATO

Solai

Tipologia solaio prevalente: Il carico permanente non strutturale G2 deriva dall'analisi della tipologia di solaio adottata in fase di progettazione e descritta nei relativi elaborati

1.4.3 Carichi Variabili unitari - Q.

Le intensità assunte per i carichi variabili verticali ripartiti sono riportate nella seguente tabella:

Impalcato	Carichi d'esercizio [daN/m²]		
	Solai	Balconi	Scale
FONDAZIONE	200	400	400
PRIMO IMPALCATO	200	400	400
SECONDO IMPALCATO	200	400	400

1.4.4 Pesì Impalcati.

Ai fini della valutazione dei pesi "W" a livello dei vari impalcati, si tiene conto dei carichi di tipo G1 relativi agli elementi strutturali e dei carichi di tipo G2 relativi agli elementi non strutturali sommati ai sovraccarichi d'esercizio Qk moltiplicati per una aliquota Ψ_{2i} (determinata dalla destinazione d'uso dell'opera ai vari piani

$$W_i = G1_i + G2_i + \Psi_{2i} \cdot Q_{ki}$$

Dove il pedice "i" è il piano i-esimo della struttura.

Impalcato	Destinazione	Ψ_{2i}
FONDAZIONE	Categoria A: Ambienti ad uso residenziale	0.3
PRIMO IMPALCATO	Categoria A: Ambienti ad uso residenziale	0.3
SECONDO IMPALCATO	Categoria A: Ambienti ad uso residenziale	0.3

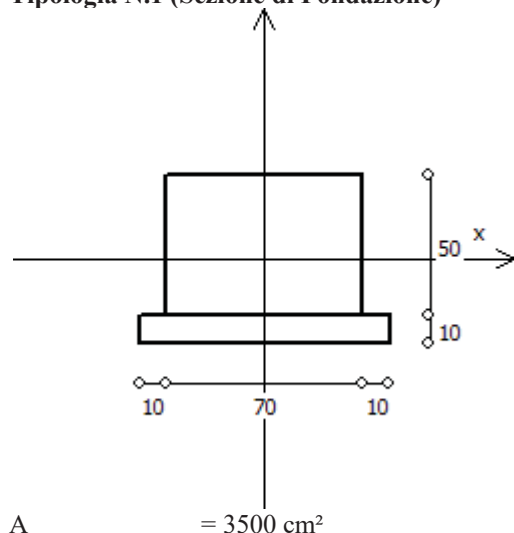
Per balconi e scale verranno usati i coefficienti calcolati come i maggiori tra quelli relativi alla categoria di carico di piano ed i seguenti:

Cat.	Destinazione	Ψ_{2i}
C2	Balconi, ballatoi e scale	0.6

Imp. Reale	G1 [daN]	G2 [daN]	$\Psi_2 \cdot Q_k$ [daN]	W (SLV-SLD) [daN]
0	213994.63	69336.09	6491.63	289822.35
1	279328.74	120910.97	33325.51	433565.22
2	137409.02	29295.54	16052.34	182756.90

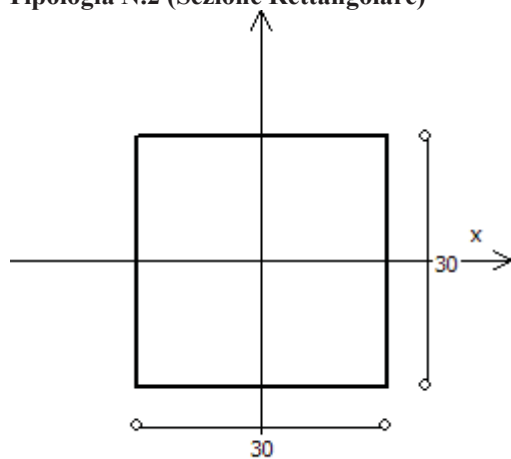
1.5 Elenco e Caratteristiche delle sezioni trasversali.

Tipologia N.1 (Sezione di Fondazione)



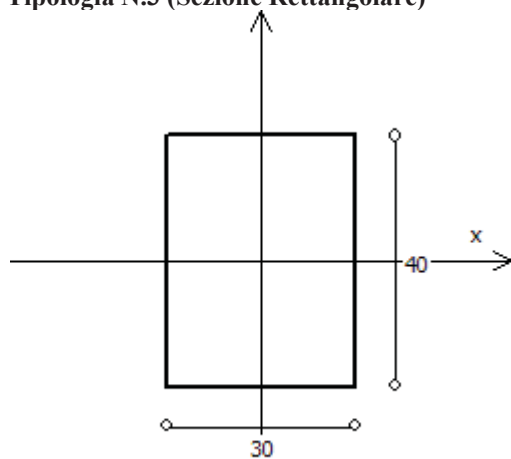
$J_x = 729167 \text{ cm}^4$
 $J_y = 1429167 \text{ cm}^4$
 $J_t = 1610417 \text{ cm}^4$
 Materiale = c25/30
 Peso = 875 daN/ml

Tipologia N.2 (Sezione Rettangolare)



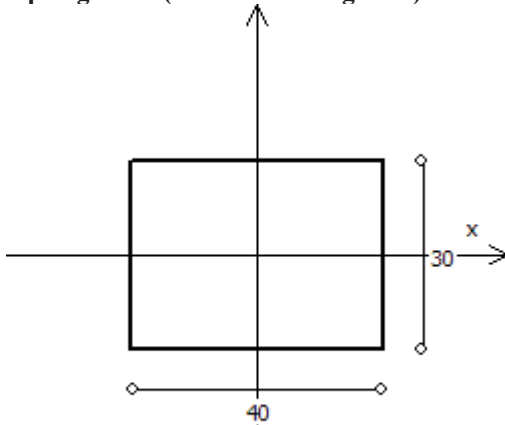
$A = 900 \text{ cm}^2$
 $J_x = 67500 \text{ cm}^4$
 $J_y = 67500 \text{ cm}^4$
 $J_t = 113860 \text{ cm}^4$
 Materiale = c25/30
 Peso = 225 daN/m

Tipologia N.3 (Sezione Rettangolare)



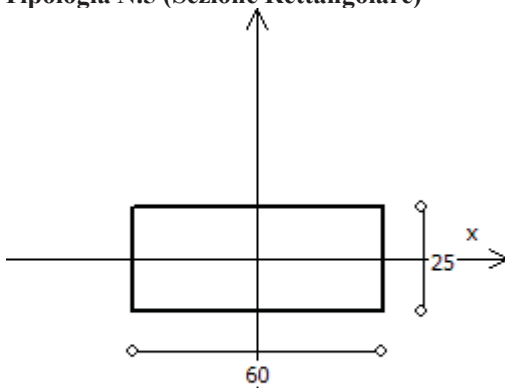
$A = 1200 \text{ cm}^2$
 $J_x = 160000 \text{ cm}^4$
 $J_y = 90000 \text{ cm}^4$
 $J_t = 190710 \text{ cm}^4$
 Materiale = c25/30
 Peso = 300 daN/m

Tipologia N.4 (Sezione Rettangolare)



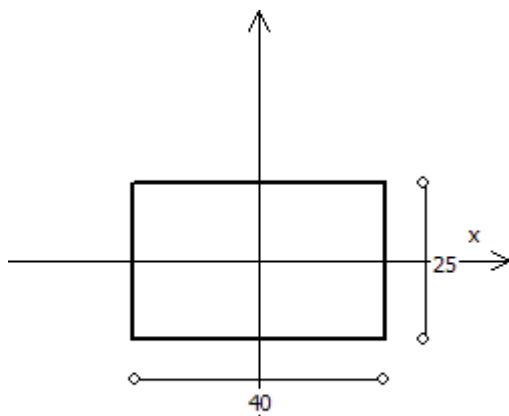
A	= 1200 cm ²
J _x	= 90000 cm ⁴
J _y	= 160000 cm ⁴
J _t	= 190710 cm ⁴
Materiale	= c25/30
Peso	= 300 daN/m

Tipologia N.5 (Sezione Rettangolare)



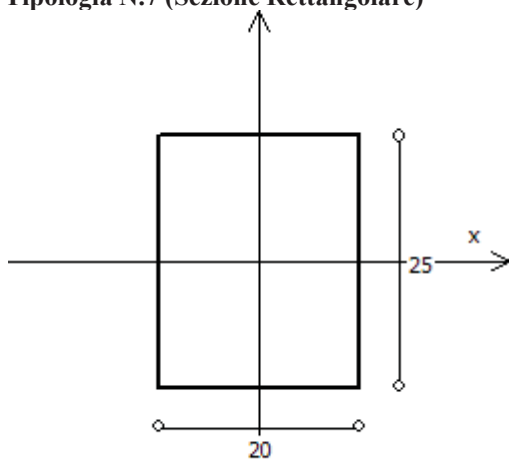
A	= 1500 cm ²
J _x	= 78125 cm ⁴
J _y	= 450000 cm ⁴
J _t	= 230859 cm ⁴
Materiale	= c25/30
Peso	= 375 daN/m

Tipologia N.6 (Sezione Rettangolare)



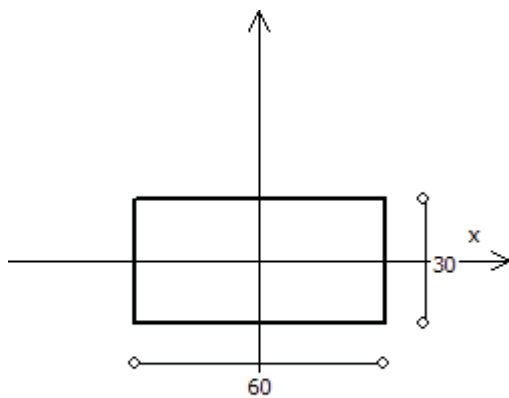
A = 1000 cm²
 J_x = 52083 cm⁴
 J_y = 133333 cm⁴
 J_t = 126693 cm⁴
 Materiale = c25/30
 Peso = 250 daN/m

Tipologia N.7 (Sezione Rettangolare)



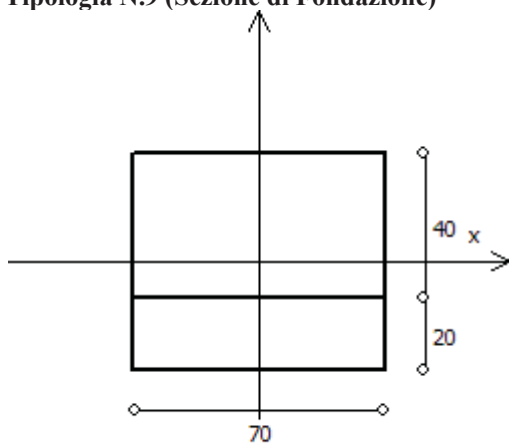
A = 500 cm²
 J_x = 26042 cm⁴
 J_y = 16667 cm⁴
 J_t = 33227 cm⁴
 Materiale = c25/30
 Peso = 125 daN/m

Tipologia N.8 (Sezione Rettangolare)



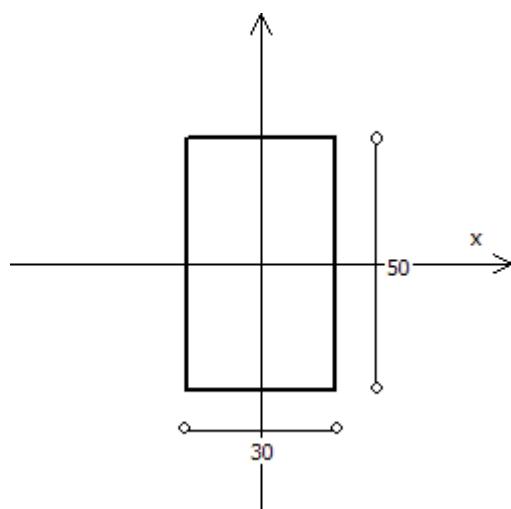
A = 1800 cm²
 J_x = 135000 cm⁴
 J_y = 540000 cm⁴
 J_t = 370710 cm⁴
 Materiale = c25/30
 Peso = 450 daN/m

Tipologia N.9 (Sezione di Fondazione)



A = 2800 cm²
 J_x = 373333 cm⁴
 J_y = 1143333 cm⁴
 J_t = 958293 cm⁴
 Materiale = c25/30
 Peso = 700 daN/ml

Tipologia N.10 (Sezione Rettangolare)



A	= 1500 cm ²
J _x	= 312500 cm ⁴
J _y	= 112500 cm ⁴
J _t	= 280710 cm ⁴
Materiale	= c25/30
Peso	= 375 daN/m

2 Risultati di Calcolo.

2.1 Risultati Condizioni.

Asta	: numerazione interna dell'asta.
Imp.	: impalcato al quale appartiene l'asta considerata.
Fili	: fili fissi ai quali appartiene l'asta considerata.
Nodo	: numerazione interna del nodo.
Nodo Vinc.	: numerazione interna del nodo vincolato.
X	: distanza dal nodo iniziale misurata lungo l'asse dell'asta.

Cinematismi nodali	: valore dello spostamento. Per le azioni sismiche è riferito allo spettro elastico:
V _x	: traslazione X rispetto al sistema di riferimento globale.
V _y	: traslazione Y rispetto al sistema di riferimento globale.
V _z	: Traslazione Z rispetto al sistema di riferimento globale.
R _x	: rotazione attorno all'asse X del sistema di riferimento globale.
R _y	: rotazione attorno all'asse Y del sistema di riferimento globale.
R _z	: rotazione attorno all'asse Z del sistema di riferimento globale.

Sollecitazioni:	
N	: valore dello Sforzo Normale nel punto considerato.
M _T	: valore del Momento Torcente nel punto considerato.
M _{XZ}	: valore del Momento Flettente X-Z nel punto considerato.
T _{XZ}	: valore del Taglio X-Z nel punto considerato.
M _{XY}	: valore del Momento Flettente X-Y nel punto considerato.
T _{XY}	: valore del Taglio X-Y nel punto considerato.

Reazioni:	
R _x	: reazione vincolare in direzione X (riferimento globale);
R _y	: reazione vincolare in direzione Y (riferimento globale);
R _z	: reazione vincolare in direzione Z (riferimento globale);
R _{fx}	: reazione vincolare intorno ad X (riferimento globale);
R _{fy}	: reazione vincolare intorno ad Y (riferimento globale);
R _{fz}	: reazione vincolare intorno ad Z (riferimento globale).

Parete/Piastra : numerazione dei fili fissi per impalcato della parete/piastra intesa come insieme di elementi bidimensionali;
Sollecitazioni:
N1-1 : valore dello Sforzo Normale sulla faccia di normale parallela all'asse 1 in direzione 1 nel punto considerato;
N2-2 : valore dello Sforzo Normale sulla faccia di normale parallela all'asse 2 in direzione 2 nel punto considerato;
N1-2 : valore dello Sforzo Normale sulla faccia di normale parallela all'asse 1 in direzione 2 nel punto considerato;
M1-1 : valore dello Momento Flettente sulla faccia di normale parallela all'asse 1 nel punto considerato;
M2-2 : valore dello Momento Flettente sulla faccia di normale parallela all'asse 2 nel punto considerato;
M1-2 : valore dello Momento Torcente sulle faccie nel punto considerato;
T1-3 : valore del Taglio sulla faccia di normale parallela all'asse 1 in direzione 3 nel punto considerato;
T2-3 : valore del Taglio sulla faccia di normale parallela all'asse 2 in direzione 3 nel punto considerato;

2.1.1 Risultati Condizioni (Carichi Permanenti - G1).

2.1.1.1 Cinematismi nodali SLU

Tabella 1.I

Cinematismi nodali						
Nodo	Vx [cm]	Vy [cm]	Vz [cm]	Rx [rad]	Ry [rad]	Rz [rad]
1	0.0005	-0.0013	-0.1553	0.000289	0.000288	-0.000001
2	0.0003	-0.0005	-0.1157	0.000284	-0.000010	-0.000001
3	0.0000	0.0001	-0.1674	0.000369	-0.000027	0.000000
4	0.0000	0.0001	-0.1672	0.000368	0.000027	0.000000
5	-0.0003	-0.0005	-0.1157	0.000283	0.000010	0.000001
6	-0.0004	-0.0013	-0.1549	0.000287	-0.000286	0.000001
7	0.0004	-0.0012	-0.1436	-0.000017	0.000313	-0.000001
8	0.0002	-0.0005	-0.0735	-0.000016	0.000001	0.000000
9	-0.0001	-0.0012	-0.1574	-0.000053	-0.000047	0.000000
10	0.0001	-0.0012	-0.1573	-0.000053	0.000047	0.000000
11	-0.0002	-0.0005	-0.0735	-0.000016	-0.000001	0.000000
12	-0.0005	-0.0012	-0.1437	-0.000017	-0.000313	0.000001
13	0.0006	-0.0011	-0.1513	-0.000222	0.000286	-0.000001
14	0.0004	-0.0005	-0.1065	-0.000206	0.000008	0.000000
15	0.0001	-0.0013	-0.1372	-0.000168	-0.000021	0.000001
16	-0.0001	-0.0013	-0.1371	-0.000168	0.000021	-0.000001
17	-0.0004	-0.0005	-0.1064	-0.000206	-0.000008	0.000000
18	-0.0006	-0.0011	-0.1514	-0.000222	-0.000286	0.000001
19	0.0009	0.0014	-0.1256	0.000010	0.000011	0.000003
20	0.0007	0.0005	-0.1207	0.000011	0.000009	0.000000
21	0.0002	0.0040	-0.1174	0.000022	0.000001	-0.000006
22	-0.0001	0.0040	-0.1172	0.000021	0.000000	0.000006
23	-0.0006	0.0006	-0.1198	0.000011	-0.000008	0.000000
24	-0.0008	0.0015	-0.1239	0.000009	-0.000009	-0.000003
25	0.0002	0.0023	-0.1219	0.000001	0.000003	0.000003
26	0.0001	0.0009	-0.1200	0.000002	0.000003	0.000004
27	-0.0001	-0.0031	-0.1194	-0.000011	-0.000001	0.000005
28	0.0000	-0.0031	-0.1195	-0.000011	0.000001	-0.000005
29	-0.0002	0.0009	-0.1201	0.000001	-0.000003	-0.000004
30	-0.0003	0.0023	-0.1222	-0.000001	-0.000004	-0.000003
31	-0.0001	0.0023	-0.1265	0.000003	0.000012	0.000010
32	-0.0037	0.0023	-0.1242	0.000003	0.000026	-0.000001
33	-0.0002	0.0023	-0.1228	0.000005	0.000009	-0.000007
34	0.0009	0.0023	-0.1275	0.000017	0.000020	0.000007
35	0.0002	0.0023	-0.1227	-0.000009	0.000015	-0.000001
36	0.0002	0.0024	-0.1249	0.000000	-0.000011	-0.000009
37	0.0037	0.0024	-0.1236	0.000002	-0.000025	0.000001
38	0.0002	0.0023	-0.1230	0.000003	-0.000009	0.000007
39	-0.0008	0.0024	-0.1256	0.000016	-0.000020	-0.000006
40	-0.0003	0.0023	-0.1231	-0.000010	-0.000015	0.000001
41	-0.0013	0.0050	-0.1633	-0.000235	-0.000108	-0.000005
42	-0.0016	0.0014	-0.1263	-0.000309	0.000064	-0.000002
43	-0.0004	0.0001	-0.1816	-0.000796	-0.000293	-0.000003
44	0.0001	0.0001	-0.1814	-0.000796	0.000294	0.000003
45	0.0013	0.0011	-0.1262	-0.000312	-0.000063	0.000002
46	0.0010	0.0045	-0.1628	-0.000241	0.000113	0.000005
47	-0.0012	0.0044	-0.1592	0.000048	-0.000071	0.000000
48	-0.0009	0.0011	-0.0854	0.000092	0.000015	0.000001
49	-0.0004	0.0015	-0.1785	0.000373	-0.000224	0.000003

50	0.0002	0.0015	-0.1783	0.000373	0.000225	-0.000003
51	0.0006	0.0008	-0.0854	0.000095	-0.000015	-0.000001
52	0.0009	0.0039	-0.1592	0.000049	0.000073	-0.000001
53	-0.0009	0.0035	-0.1587	0.000241	-0.000092	0.000000
54	-0.0007	0.0007	-0.1161	0.000245	0.000011	-0.000001
55	-0.0001	0.0008	-0.1510	0.000294	-0.000009	-0.000001
56	0.0001	0.0008	-0.1509	0.000293	0.000009	0.000001
57	0.0007	0.0004	-0.1160	0.000243	-0.000011	0.000000
58	0.0009	0.0030	-0.1588	0.000239	0.000092	0.000000
59	-0.0026	0.0047	-0.1265	-0.000110	-0.000018	-0.000009
60	-0.0020	0.0014	-0.1212	0.000016	0.000041	-0.000001
61	-0.0006	0.0000	-0.1180	-0.000152	-0.000093	-0.000001
62	0.0004	0.0000	-0.1178	-0.000152	0.000094	0.000001
63	0.0016	0.0011	-0.1203	0.000012	-0.000039	0.000001
64	0.0022	0.0042	-0.1248	-0.000115	0.000023	0.000009
65	-0.0012	0.0037	-0.1227	0.000117	-0.000018	0.000001
66	-0.0008	0.0007	-0.1204	-0.000050	0.000021	0.000001
67	-0.0001	0.0008	-0.1202	0.000115	0.000002	0.000001
68	0.0001	0.0008	-0.1202	0.000115	-0.000002	-0.000001
69	0.0008	0.0003	-0.1206	-0.000052	-0.000021	-0.000001
70	0.0012	0.0032	-0.1230	0.000115	0.000018	-0.000001
71	-0.0012	0.0039	-0.1274	-0.000047	-0.000103	-0.000005
72	-0.0012	0.0034	-0.1249	-0.000001	-0.000139	-0.000007
73	-0.0007	0.0030	-0.1236	0.000064	-0.000095	0.000000
74	-0.0025	0.0038	-0.1278	0.000012	0.000011	-0.000009
75	-0.0011	0.0031	-0.1230	-0.000007	0.000010	-0.000002
76	0.0009	0.0034	-0.1257	-0.000060	0.000096	0.000005
77	0.0009	0.0029	-0.1243	-0.000003	0.000142	0.000006
78	0.0007	0.0026	-0.1238	0.000063	0.000095	-0.000001
79	0.0021	0.0033	-0.1258	0.000015	-0.000017	0.000008
80	0.0011	0.0027	-0.1233	-0.000009	-0.000011	0.000002
81	-0.0002	0.0006	-0.3949	-0.000630	0.000100	0.000000
82	-0.0001	0.0006	-0.3945	-0.000629	-0.000098	0.000000
83	0.0013	0.0237	-0.1694	-0.000523	0.000113	-0.000019
84	0.0014	0.0486	-0.1307	0.000495	-0.000438	-0.000096
85	-0.0003	0.0985	-0.7798	0.002030	-0.000769	-0.000023
86	-0.0003	0.0985	-0.7795	0.002031	0.000769	0.000024
87	-0.0021	0.0480	-0.1306	0.000496	0.000439	0.000097
88	-0.0020	0.0228	-0.1689	-0.000523	-0.000113	0.000019
89	-0.0044	0.0248	-0.1721	0.000071	0.000056	0.000023
90	0.0001	0.0988	-0.1903	-0.000009	-0.000162	0.000001
91	-0.0005	0.0988	-0.1902	-0.000009	0.000163	-0.000001
92	0.0039	0.0239	-0.1721	0.000070	-0.000056	-0.000023
93	0.0006	0.0259	-0.1645	0.000624	0.000015	-0.000072
94	0.0005	0.0728	-0.1191	0.000437	-0.000008	-0.000101
95	0.0000	0.1001	-0.1584	0.000794	-0.000044	-0.000010
96	-0.0003	0.1000	-0.1583	0.000794	0.000044	0.000010
97	-0.0007	0.0722	-0.1190	0.000437	0.000008	0.000102
98	-0.0009	0.0250	-0.1646	0.000623	-0.000015	0.000072
99	0.0001	0.0985	-0.4060	0.001189	-0.000410	0.000005
100	-0.0008	0.0985	-0.4057	0.001189	0.000411	-0.000005
101	-0.0026	0.0057	-0.1244	-0.000025	0.000024	-0.000001
102	-0.0023	0.0035	-0.1226	0.000016	0.000001	0.000031
103	0.0009	0.0012	-0.1239	0.000028	0.000012	0.000002
104	0.0008	0.0007	-0.1222	0.000015	0.000011	0.000003
105	-0.0009	0.0070	-0.1261	0.000069	0.000000	-0.000037
106	-0.0006	0.0009	-0.1210	-0.000007	0.000000	0.000005
107	-0.0012	0.0034	-0.1278	-0.000003	0.000008	-0.000006
108	-0.0016	0.0014	-0.1199	0.000000	0.000001	0.000001
109	-0.0013	0.0018	-0.1190	-0.000005	0.000001	-0.000008
110	-0.0009	0.0013	-0.1183	-0.000045	0.000028	0.000016
111	0.0006	0.0008	-0.1194	0.000009	0.000008	-0.000005
112	0.0004	0.0018	-0.1185	0.000014	0.000006	-0.000009
113	0.0003	0.0031	-0.1178	0.000025	0.000004	-0.000008
114	-0.0002	0.0082	-0.1177	0.000037	0.000000	-0.000006
115	-0.0004	0.0016	-0.1177	-0.000062	0.000026	-0.000020
116	-0.0001	0.0028	-0.1175	-0.000021	0.000000	0.000000
117	0.0001	0.0016	-0.1176	-0.000062	-0.000025	0.000020
118	0.0001	0.0046	-0.1172	0.000029	0.000002	-0.000003
119	0.0000	0.0048	-0.1170	0.000024	0.000000	0.000000
120	-0.0001	0.0046	-0.1171	0.000029	-0.000001	0.000003
121	0.0001	0.0082	-0.1175	0.000037	0.000000	0.000006

122	0.0006	0.0013	-0.1179	-0.000046	-0.000027	-0.000015
123	0.0010	0.0017	-0.1185	-0.000006	0.000000	0.000008
124	0.0013	0.0011	-0.1192	-0.000002	0.000000	0.000000
125	-0.0003	0.0031	-0.1175	0.000025	-0.000003	0.000008
126	-0.0004	0.0019	-0.1180	0.000014	-0.000004	0.000009
127	-0.0005	0.0009	-0.1187	0.000009	-0.000006	0.000005
128	0.0005	0.0009	-0.1201	-0.000008	0.000000	-0.000005
129	0.0019	0.0031	-0.1215	0.000014	0.000001	-0.000030
130	0.0021	0.0053	-0.1230	-0.000028	-0.000023	0.000003
131	-0.0007	0.0008	-0.1210	0.000014	-0.000010	-0.000004
132	-0.0008	0.0013	-0.1225	0.000027	-0.000010	-0.000002
133	0.0008	0.0069	-0.1244	0.000068	0.000000	0.000036
134	0.0010	0.0031	-0.1258	-0.000008	-0.000002	0.000009
135	-0.0012	0.0019	-0.1217	0.000041	0.000014	0.000020
136	-0.0010	0.0007	-0.1210	-0.000020	-0.000002	-0.000002
137	0.0002	0.0016	-0.1212	-0.000013	0.000005	0.000004
138	0.0002	0.0013	-0.1205	0.000001	0.000004	0.000001
139	-0.0006	-0.0009	-0.1223	-0.000047	0.000000	0.000034
140	-0.0003	0.0026	-0.1203	0.000022	0.000000	0.000000
141	-0.0008	0.0024	-0.1230	0.000013	-0.000004	0.000004
142	-0.0006	0.0009	-0.1201	-0.000007	-0.000003	-0.000002
143	-0.0004	0.0003	-0.1199	0.000007	0.000002	0.000010
144	-0.0002	0.0001	-0.1199	0.000035	-0.000002	-0.000009
145	0.0000	0.0002	-0.1196	0.000004	0.000002	0.000007
146	0.0000	-0.0009	-0.1194	-0.000003	0.000001	0.000009
147	-0.0001	-0.0022	-0.1194	-0.000013	0.000000	0.000008
148	-0.0001	-0.0056	-0.1198	-0.000025	0.000000	0.000005
149	-0.0001	-0.0003	-0.1199	0.000049	0.000001	0.000015
150	0.0000	-0.0013	-0.1199	0.000018	0.000000	0.000000
151	0.0001	-0.0003	-0.1199	0.000049	-0.000001	-0.000015
152	0.0000	-0.0036	-0.1195	-0.000017	0.000000	0.000003
153	0.0000	-0.0038	-0.1194	-0.000014	0.000000	0.000000
154	0.0000	-0.0036	-0.1195	-0.000017	0.000000	-0.000003
155	0.0001	-0.0056	-0.1198	-0.000024	0.000000	-0.000005
156	0.0002	0.0001	-0.1199	0.000035	0.000002	0.000009
157	0.0004	0.0001	-0.1200	0.000006	-0.000002	-0.000010
158	0.0006	0.0006	-0.1202	-0.000008	0.000003	0.000003
159	0.0000	-0.0022	-0.1195	-0.000013	0.000000	-0.000008
160	0.0000	-0.0009	-0.1195	-0.000003	-0.000001	-0.000009
161	-0.0001	0.0003	-0.1197	0.000003	-0.000002	-0.000006
162	0.0003	0.0024	-0.1204	0.000021	0.000000	0.000001
163	0.0010	0.0003	-0.1212	-0.000021	0.000002	0.000003
164	0.0012	0.0014	-0.1219	0.000039	-0.000014	-0.000019
165	-0.0002	0.0013	-0.1207	0.000000	-0.000005	-0.000001
166	-0.0003	0.0016	-0.1214	-0.000014	-0.000005	-0.000004
167	0.0005	-0.0011	-0.1226	-0.000049	0.000000	-0.000035
168	0.0008	0.0022	-0.1233	0.000011	0.000003	-0.000004
169	-0.0031	0.0035	-0.1252	0.000005	-0.000046	-0.000019
170	-0.0045	0.0037	-0.1257	0.000001	0.000000	-0.000002
171	-0.0029	0.0038	-0.1265	0.000021	-0.000046	0.000027
172	-0.0036	0.0023	-0.1247	0.000004	0.000032	0.000003
173	-0.0028	0.0023	-0.1253	0.000005	0.000027	0.000008
174	-0.0016	0.0023	-0.1259	0.000005	0.000030	0.000011
175	-0.0083	0.0028	-0.1246	0.000000	0.000038	-0.000002
176	-0.0045	0.0031	-0.1270	0.000000	0.000051	0.000045
177	-0.0024	0.0030	-0.1237	-0.000016	-0.000042	-0.000023
178	-0.0036	0.0031	-0.1239	0.000006	-0.000003	0.000003
179	-0.0022	0.0033	-0.1243	0.000005	-0.000050	0.000019
180	-0.0015	0.0023	-0.1232	0.000002	0.000026	-0.000010
181	-0.0026	0.0023	-0.1235	0.000003	0.000024	-0.000008
182	-0.0034	0.0023	-0.1238	0.000003	0.000031	-0.000004
183	-0.0039	0.0026	-0.1233	0.000000	0.000044	-0.000041
184	0.0028	0.0030	-0.1243	0.000003	0.000047	0.000019
185	0.0041	0.0032	-0.1246	-0.000002	0.000001	0.000001
186	0.0026	0.0033	-0.1251	0.000022	0.000044	-0.000026
187	0.0036	0.0024	-0.1238	0.000002	-0.000031	-0.000004
188	0.0028	0.0024	-0.1241	0.000003	-0.000025	-0.000008
189	0.0016	0.0024	-0.1245	0.000004	-0.000028	-0.000011
190	0.0082	0.0026	-0.1240	0.000000	-0.000038	0.000001
191	0.0040	0.0029	-0.1253	0.000000	-0.000046	-0.000044
192	0.0023	0.0026	-0.1236	-0.000017	0.000042	0.000022
193	0.0035	0.0027	-0.1237	0.000005	0.000003	-0.000003

194	0.0020	0.0028	-0.1239	0.000003	0.000051	-0.000020
195	0.0014	0.0023	-0.1231	0.000000	-0.000026	0.000010
196	0.0026	0.0024	-0.1232	0.000001	-0.000024	0.000008
197	0.0034	0.0024	-0.1234	0.000001	-0.000031	0.000004
198	0.0038	0.0024	-0.1234	0.000000	-0.000044	0.000040
199	-0.0002	0.0012	-0.2527	0.001188	-0.000359	0.000002
200	-0.0001	0.0010	-0.3490	0.000959	-0.000154	0.000000
201	-0.0001	0.0008	-0.4069	0.000324	0.000028	-0.000001
202	-0.0002	0.0004	-0.2929	-0.001678	-0.000207	-0.000001
203	-0.0003	0.0006	-0.2232	-0.001173	-0.000567	-0.000005
204	-0.0002	0.0008	-0.2638	-0.000958	-0.000324	0.000000
205	-0.0001	0.0008	-0.2785	-0.000882	0.000000	0.000000
206	-0.0001	0.0008	-0.2638	-0.000960	0.000325	0.000000
207	0.0000	0.0006	-0.2231	-0.001175	0.000568	0.000005
208	-0.0001	0.0004	-0.2926	-0.001678	0.000208	0.000001
209	-0.0002	0.0008	-0.4066	0.000324	-0.000026	0.000001
210	-0.0002	0.0010	-0.3487	0.000958	0.000155	0.000000
211	-0.0001	0.0012	-0.2525	0.001186	0.000360	-0.000002
212	0.0001	0.0010	-0.2122	0.000839	0.000500	-0.000005
213	0.0000	0.0008	-0.2493	0.000808	0.000320	-0.000001
214	-0.0001	0.0008	-0.2638	0.000789	0.000000	0.000000
215	-0.0002	0.0008	-0.2493	0.000809	-0.000320	0.000001
216	-0.0004	0.0010	-0.2123	0.000840	-0.000499	0.000005
217	-0.0007	0.0019	-0.1225	0.000003	0.000000	0.000008
218	-0.0008	0.0058	-0.1242	0.000029	0.000000	0.000048
219	-0.0003	0.0050	-0.1182	-0.000002	0.000000	-0.000035
220	-0.0004	0.0025	-0.1188	-0.000004	0.000000	-0.000002
221	-0.0005	0.0014	-0.1198	-0.000001	0.000000	-0.000013
222	0.0000	0.0068	-0.1174	-0.000004	0.000000	-0.000024
223	-0.0001	0.0053	-0.1174	-0.000015	0.000000	0.000000
224	-0.0001	0.0068	-0.1175	-0.000004	0.000000	0.000024
225	0.0004	0.0014	-0.1191	-0.000002	0.000000	0.000012
226	0.0003	0.0024	-0.1183	-0.000005	0.000000	0.000002
227	0.0002	0.0050	-0.1178	-0.000002	0.000000	0.000035
228	0.0006	0.0057	-0.1228	0.000027	0.000000	-0.000048
229	0.0006	0.0018	-0.1214	0.000002	0.000000	-0.000008
230	-0.0004	0.0020	-0.1208	0.000005	0.000000	-0.000006
231	-0.0004	-0.0006	-0.1216	-0.000012	0.000000	-0.000032
232	-0.0002	-0.0030	-0.1198	0.000004	0.000000	0.000029
233	-0.0002	-0.0007	-0.1198	0.000006	0.000000	0.000004
234	-0.0003	0.0010	-0.1199	0.000005	0.000000	0.000020
235	0.0000	-0.0046	-0.1198	0.000006	0.000000	0.000018
236	0.0000	-0.0036	-0.1198	0.000014	0.000000	0.000000
237	0.0000	-0.0047	-0.1198	0.000006	0.000000	-0.000018
238	0.0002	0.0009	-0.1200	0.000004	0.000000	-0.000020
239	0.0002	-0.0007	-0.1198	0.000005	0.000000	-0.000003
240	0.0001	-0.0030	-0.1198	0.000004	0.000000	-0.000029
241	0.0004	-0.0008	-0.1218	-0.000014	0.000000	0.000033
242	0.0004	0.0018	-0.1210	0.000004	0.000000	0.000006
243	-0.0055	0.0030	-0.1263	0.000000	0.000016	-0.000024
244	-0.0044	0.0030	-0.1256	0.000000	-0.000002	0.000008
245	-0.0065	0.0029	-0.1251	0.000000	0.000004	0.000025
246	-0.0061	0.0028	-0.1242	0.000000	0.000001	-0.000028
247	-0.0039	0.0027	-0.1238	0.000000	-0.000004	-0.000006
248	-0.0048	0.0027	-0.1235	0.000000	0.000014	0.000022
249	0.0051	0.0028	-0.1249	0.000000	-0.000014	0.000022
250	0.0043	0.0028	-0.1245	0.000000	0.000003	-0.000008
251	0.0064	0.0027	-0.1242	0.000000	-0.000003	-0.000026
252	0.0060	0.0026	-0.1237	0.000000	-0.000001	0.000028
253	0.0038	0.0025	-0.1235	0.000000	0.000005	0.000006
254	0.0048	0.0025	-0.1235	0.000000	-0.000014	-0.000022
255	-0.0001	0.0010	-0.2871	0.000920	0.000430	0.000000
256	-0.0002	0.0009	-0.3612	0.000784	0.000191	0.000000
257	-0.0002	0.0008	-0.4050	0.000230	0.000009	0.000000
258	-0.0002	0.0007	-0.3897	-0.000589	-0.000038	0.000000
259	-0.0001	0.0006	-0.3180	-0.001092	0.000285	0.000000
260	-0.0001	0.0008	-0.3394	-0.000804	0.000189	0.000000
261	-0.0001	0.0008	-0.3474	-0.000743	0.000001	0.000000
262	-0.0002	0.0008	-0.3385	-0.000808	-0.000190	0.000000
263	-0.0002	0.0006	-0.3166	-0.001095	-0.000291	0.000000
264	-0.0001	0.0008	-0.3179	0.000778	0.000261	0.000000
265	-0.0002	0.0008	-0.3763	0.000574	0.000144	0.000000

266	-0.0002	0.0008	-0.4061	0.000109	0.000030	0.000000
267	-0.0002	0.0008	-0.3921	-0.000426	0.000079	0.000000
268	-0.0001	0.0008	-0.3954	-0.000378	0.000001	0.000000
269	-0.0001	0.0008	-0.3916	-0.000435	-0.000079	0.000000
270	-0.0001	0.0007	-0.3887	-0.000610	0.000036	0.000000
271	-0.0001	0.0008	-0.3297	0.000737	0.000000	0.000000
272	-0.0001	0.0008	-0.3829	0.000491	0.000000	0.000000
273	-0.0001	0.0008	-0.4077	0.000086	0.000000	0.000000
274	-0.0001	0.0008	-0.4064	0.000099	-0.000028	0.000000
275	-0.0001	0.0008	-0.4057	0.000213	-0.000004	0.000000
276	-0.0002	0.0008	-0.3185	0.000778	-0.000259	0.000000
277	-0.0001	0.0008	-0.3771	0.000569	-0.000141	0.000000
278	-0.0001	0.0009	-0.3627	0.000778	-0.000186	0.000000
279	-0.0001	0.0010	-0.2881	0.000923	-0.000427	0.000000

2.1.1.2 Sollecitazioni SLU

Tabella 2.I

Asta	Imp.	Fili	X [cm]	N [daN]	Sollecitazioni				
					Mt [daNm]	Mxz [daNm]	Txz [daN]	Mxy [daNm]	Txy [daN]
1	FONDAZIONE	1, 2	0	-407.66	-42.78	742.44	-4905.46	-68.08	-53.90
			218	-395.96	-42.24	-3294.47	742.19	10.54	-20.53
			435	-386.55	-41.71	3275.59	5375.51	30.82	0.08
2	FONDAZIONE	7, 1	0	-167.24	-108.40	7048.80	-7745.65	27.94	2.15
			260	-210.99	-107.71	-3883.66	-1120.92	3.01	17.10
			520	-256.49	-107.06	976.51	5401.55	-63.50	34.15
3	FONDAZIONE	2, 3	0	-694.07	350.99	3324.05	-5268.31	-24.12	-19.55
			268	-686.33	351.69	-2944.92	569.00	7.73	-6.43
			535	-684.62	352.48	8481.52	8641.01	21.18	-5.16
4	FONDAZIONE	8, 2	0	4.74	-33.69	2342.54	-3164.10	23.44	5.93
			260	-13.84	-33.69	-2463.39	-645.95	-2.45	14.43
			520	-32.53	-33.70	-40.38	3095.32	-54.71	25.84
5	FONDAZIONE	3, 4	0	166.28	-2.36	7729.92	-8753.77	11.00	3.74
			265	165.76	-1.52	-3393.60	-1.66	5.78	-0.10
			530	166.67	-0.68	7713.55	8742.40	11.53	-3.93
6	FONDAZIONE	9, 3	0	2698.42	83.40	7596.69	-8569.28	1.79	3.69
			260	2667.82	83.31	-4553.03	-1351.14	-6.11	2.74
			520	2659.33	83.24	126.53	5591.45	-13.21	2.54
7	FONDAZIONE	4, 5	0	-681.42	-352.16	8460.77	-8625.40	20.75	4.94
			268	-682.72	-351.37	-2941.28	-564.99	7.74	6.35
			535	-690.01	-350.67	3331.49	5267.66	-24.16	19.68
8	FONDAZIONE	10, 4	0	2696.56	-83.24	7588.09	-8559.41	-0.87	-3.33
			260	2665.91	-83.15	-4547.83	-1350.08	6.23	-2.44
			520	2657.37	-83.08	122.28	5582.14	12.28	-1.99
9	FONDAZIONE	5, 6	0	-379.57	37.56	3279.10	-5370.38	29.57	-0.80
			218	-388.58	38.09	-3285.97	-743.86	10.66	19.98
			435	-399.84	38.63	729.74	4885.13	-66.90	53.47
10	FONDAZIONE	11, 5	0	9.67	35.14	2337.48	-3160.68	-22.33	-5.49
			260	-9.21	35.14	-2461.96	-644.47	2.50	-14.01
			520	-28.17	35.15	-38.19	3093.95	53.31	-25.10
11	FONDAZIONE	12, 6	0	-154.06	113.18	7049.40	-7742.91	-26.84	-1.75
			260	-198.10	112.49	-3876.59	-1120.71	-2.89	-16.69
			520	-243.79	111.84	962.96	5381.62	62.10	-33.34
12	FONDAZIONE	7, 8	0	-576.33	-15.80	1252.44	-4488.04	-90.15	-64.45
			215	-565.40	-15.83	-2831.90	118.80	13.20	-33.67
			430	-557.67	-15.86	300.24	2687.36	63.73	-14.84
13	FONDAZIONE	13, 7	0	-312.56	125.45	936.13	-5133.28	42.13	4.14

	IONE								
			240	-348.46	126.05	-3354.20	1193.57	13.49	19.10
			480	-386.83	126.68	6929.61	7668.94	-49.89	33.87
14	FONDAZ IONE	8, 9	0	-544.96	-147.90	254.18	-2546.64	40.67	-1.39
			270	-539.09	-147.96	-2361.97	851.72	16.77	20.64
			540	-538.04	-148.06	8325.00	7891.72	-85.28	57.63
15	FONDAZ IONE	14, 8	0	-40.78	-37.39	363.11	-2911.04	-17.96	-14.40
			245	-57.74	-37.37	-1997.52	577.98	3.11	-3.32
			490	-75.13	-37.37	2528.61	3162.58	0.86	4.76
16	FONDAZ IONE	9, 10	0	237.32	-0.04	7469.09	-8225.40	-41.21	-42.01
			265	236.22	-0.16	-3024.64	-1.08	14.09	-0.04
			530	237.16	-0.28	7458.19	8217.61	-40.99	41.93
17	FONDAZ IONE	15, 9	0	367.28	-110.61	-28.96	-4321.36	-40.18	-16.92
			240	325.39	-110.67	-3030.00	1663.28	-2.56	-14.69
			480	285.80	-110.75	9144.38	8882.03	33.18	-15.53
18	FONDAZ IONE	10, 11	0	-537.29	147.50	8310.80	-7881.23	-85.10	-57.64
			270	-538.51	147.40	-2360.44	-849.72	16.86	-20.55
			540	-544.53	147.35	256.23	2545.66	40.22	1.73
19	FONDAZ IONE	16, 10	0	365.33	110.85	-28.80	-4316.84	39.84	16.82
			240	323.43	110.91	-3026.41	1661.78	2.57	14.49
			480	283.81	110.99	9135.97	8872.99	-32.51	15.18
20	FONDAZ IONE	11, 12	0	-555.53	14.26	297.52	-2685.77	62.92	14.27
			215	-563.37	14.23	-2831.97	-117.66	13.31	33.38
			430	-574.40	14.21	1256.19	4490.72	-89.70	64.44
21	FONDAZ IONE	17, 11	0	-41.43	37.57	358.41	-2905.35	17.54	14.28
			245	-58.69	37.55	-1994.71	579.20	-3.12	3.10
			490	-76.38	37.55	2532.88	3162.62	-0.15	-5.13
22	FONDAZ IONE	18, 12	0	-308.82	-124.14	929.88	-5132.12	-42.24	-4.15
			240	-345.08	-124.74	-3354.37	1197.44	-13.42	-19.23
			480	-383.79	-125.37	6943.28	7676.48	50.44	-34.13
23	FONDAZ IONE	13, 14	0	-481.63	98.85	751.88	-4692.62	-34.27	-39.39
			218	-466.30	98.44	-3082.10	707.97	21.27	-13.57
			435	-453.67	98.04	3013.93	4931.64	31.61	3.13
24	FONDAZ IONE	14, 15	0	-688.75	157.52	3093.66	-4609.16	50.83	2.07
			265	-678.14	157.07	-2428.63	356.96	19.02	23.88
			530	-673.37	156.67	6216.08	6638.71	-92.61	63.60
25	FONDAZ IONE	15, 16	0	-219.79	1.16	6160.57	-6871.03	-53.07	-48.68
			270	-218.86	0.77	-2706.03	-0.80	12.42	-0.01
			540	-219.89	0.38	6152.04	6864.94	-53.01	48.66
26	FONDAZ IONE	16, 17	0	-674.21	-156.51	6208.18	-6631.12	-92.04	-63.44
			265	-679.09	-156.91	-2426.48	-356.81	19.12	-23.66
			530	-689.82	-157.36	3086.82	4602.06	50.07	-1.61
27	FONDAZ IONE	17, 18	0	-454.42	-100.46	3006.05	-4925.64	31.52	-3.33
			218	-467.15	-100.85	-3082.47	-706.38	21.32	13.65
			435	-482.58	-101.26	754.67	4694.74	-34.74	39.79
28	FONDAZ IONE	19, 20	0	-137.40	159.88	347.06	-1394.54	-216.42	-239.07
			72	-130.56	159.88	-158.09	-14.07	-41.56	-248.73
			143	-123.80	159.90	321.08	1353.39	139.95	-257.74
29	FONDAZ IONE	19, 20	0	-369.46	-114.67	322.09	-1361.06	116.93	116.40
			72	-362.85	-114.65	-168.35	-6.65	36.47	108.40
			143	-356.46	-114.64	306.92	1334.99	-38.87	102.17
30	FONDAZ IONE	19, 20	0	-673.03	-33.31	307.86	-1334.61	-96.03	-1.07
			72	-666.96	-33.30	-172.51	-5.06	-93.56	-5.62
			143	-661.30	-33.30	295.57	1313.21	-88.17	-9.38
31	FONDAZ IONE	34, 19	0	-179.65	-59.45	143.78	-1225.41	94.64	270.99

			70	-172.78	-59.44	-233.31	148.70	-89.67	256.25
			140	-166.01	-59.43	346.12	1509.17	-264.91	244.93
32	FONDAZ IONE	20, 21	0	-846.46	-19.27	296.36	-1303.11	-93.19	30.12
			71	-841.28	-19.27	-169.08	-2.61	-113.29	26.19
			143	-836.62	-19.26	288.50	1288.71	-130.21	20.97
33	FONDAZ IONE	20, 21	0	-907.31	42.06	289.13	-1284.32	-119.73	-19.02
			71	-903.17	42.06	-169.00	-1.09	-103.61	-26.78
			143	-899.58	42.07	284.36	1275.09	-80.69	-38.28
34	FONDAZ IONE	20, 21	0	-852.22	99.50	284.82	-1262.34	-36.04	-69.64
			71	-849.16	99.52	-162.18	7.94	19.02	-85.75
			143	-846.61	99.53	293.84	1273.23	87.28	-106.63
35	FONDAZ IONE	20, 21	0	-726.11	-29.85	294.18	-1286.66	140.74	132.65
			71	-724.03	-29.84	-173.35	-25.71	54.93	107.57
			143	-722.40	-29.83	256.01	1231.92	-11.78	79.17
36	FONDAZ IONE	21, 22	0	-630.39	75.66	256.10	-1136.43	-11.38	-119.39
			63	-629.30	75.67	-109.83	-34.35	71.69	-146.82
			125	-628.49	75.68	212.45	1066.15	172.57	-176.33
37	FONDAZ IONE	21, 22	0	-585.67	-47.17	212.58	-1091.93	134.38	93.49
			63	-585.15	-47.15	-126.37	7.19	85.53	62.67
			125	-584.91	-47.14	221.25	1105.51	56.15	31.31
38	FONDAZ IONE	21, 22	0	-573.80	46.59	221.29	-1105.01	56.16	-31.38
			63	-573.82	46.61	-126.14	-7.05	85.59	-62.76
			125	-574.11	46.62	212.55	1090.99	134.51	-93.64
39	FONDAZ IONE	21, 22	0	-594.92	-76.67	212.49	-1064.31	172.62	176.60
			63	-595.48	-76.65	-109.22	34.37	71.58	147.00
			125	-596.32	-76.64	255.91	1133.88	-11.56	119.44
40	FONDAZ IONE	22, 23	0	-666.35	28.55	255.89	-1228.02	-12.21	-78.89
			71	-667.67	28.57	-172.08	25.73	54.37	-107.49
			143	-669.38	28.58	293.71	1281.76	140.19	-132.82
41	FONDAZ IONE	22, 23	0	-768.98	-101.09	293.46	-1267.13	86.27	107.25
			71	-771.14	-101.07	-160.37	-7.86	17.68	86.04
			143	-773.76	-101.06	284.11	1255.24	-37.45	69.54
42	FONDAZ IONE	22, 23	0	-804.93	-42.36	283.75	-1266.62	-82.01	37.31
			71	-808.03	-42.35	-166.59	1.15	-104.08	25.33
			143	-811.62	-42.35	288.08	1274.64	-118.96	16.98
43	FONDAZ IONE	22, 23	0	-733.19	16.92	287.55	-1277.68	-128.77	-18.45
			71	-737.25	16.92	-166.17	2.51	-113.41	-24.36
			143	-741.75	16.93	294.65	1290.36	-94.35	-29.06
44	FONDAZ IONE	23, 24	0	-561.71	32.90	293.99	-1298.85	-89.01	7.86
			72	-566.63	32.91	-168.99	5.10	-93.01	3.23
			143	-571.90	32.91	305.61	1318.60	-93.43	-2.30
45	FONDAZ IONE	23, 24	0	-274.33	113.59	304.81	-1319.36	-36.25	-102.24
			72	-279.86	113.60	-165.73	4.40	39.51	-109.53
			143	-285.56	113.62	315.94	1339.01	121.18	-118.64
46	FONDAZ IONE	23, 24	0	-70.65	-161.13	315.07	-1323.00	145.59	258.71
			72	-76.46	-161.11	-150.17	22.76	-36.22	248.57
			143	-82.32	-161.10	352.64	1379.46	-210.56	237.82
47	FONDAZ IONE	24, 39	0	-100.70	61.49	351.89	-1526.11	-258.20	-245.59
			70	-106.48	61.50	-248.42	-191.28	-82.15	-257.88
			140	-112.32	61.51	89.04	1155.10	103.60	-273.43
48	FONDAZ IONE	25, 26	0	3.40	-122.45	349.56	-1353.79	193.95	262.36
			72	4.88	-122.45	-144.34	-24.99	11.80	246.40
			143	6.37	-122.46	311.93	1298.75	-159.88	233.13
49	FONDAZ IONE	25, 26	0	-152.43	125.96	312.36	-1322.02	-137.79	-102.45
			72	-150.99	125.95	-162.47	-3.71	-60.25	-113.69

			143	-149.64	125.95	305.24	1309.40	24.93	-123.90
50	FONDAZ IONE	25, 26	0	-377.61	8.19	305.61	-1313.18	84.79	49.26
			72	-376.42	8.19	-166.46	-4.83	52.89	39.95
			143	-375.47	8.19	297.27	1299.34	27.17	32.12
51	FONDAZ IONE	35, 25	0	-70.77	85.88	66.71	-1104.29	-13.20	-176.60
			70	-69.27	85.87	-248.28	203.17	116.36	-193.68
			140	-67.80	85.87	349.28	1504.88	257.98	-210.84
52	FONDAZ IONE	26, 27	0	-457.09	21.54	297.53	-1294.90	34.60	-52.34
			71	-456.40	21.54	-164.15	-1.65	74.10	-58.20
			143	-455.97	21.54	294.31	1288.91	116.94	-61.55
53	FONDAZ IONE	26, 27	0	-395.08	-63.55	294.46	-1287.57	98.19	36.35
			71	-394.92	-63.55	-163.62	1.06	72.49	36.46
			143	-394.99	-63.55	295.66	1288.46	45.21	40.92
54	FONDAZ IONE	26, 27	0	-199.32	-89.81	295.70	-1276.39	3.60	52.83
			71	-199.58	-89.82	-155.04	10.44	-37.07	62.19
			143	-199.95	-89.82	310.67	1297.08	-86.15	76.35
55	FONDAZ IONE	26, 27	0	10.47	13.12	310.69	-1312.37	-126.40	-99.81
			71	10.04	13.12	-165.82	-25.95	-61.58	-81.52
			143	9.61	13.11	273.89	1260.58	-10.99	-59.97
56	FONDAZ IONE	27, 28	0	121.48	-61.20	273.78	-1166.34	-10.69	86.60
			63	121.14	-61.20	-102.02	-36.63	-71.35	107.85
			125	120.86	-61.21	228.12	1093.10	-145.89	130.96
57	FONDAZ IONE	27, 28	0	126.19	34.02	228.14	-1123.68	-116.80	-72.65
			63	125.97	34.01	-121.05	5.84	-78.94	-48.38
			125	125.80	34.00	235.52	1135.34	-56.43	-23.64
58	FONDAZ IONE	27, 28	0	123.02	-34.09	235.51	-1135.54	-56.22	22.76
			63	122.91	-34.09	-121.11	-5.99	-78.18	47.48
			125	122.85	-34.10	228.09	1123.70	-115.47	71.69
59	FONDAZ IONE	27, 28	0	112.49	59.99	228.06	-1093.49	-144.27	-130.37
			63	112.49	59.98	-102.18	36.53	-70.06	-107.36
			125	112.54	59.98	273.73	1166.64	-9.68	-86.24
60	FONDAZ IONE	28, 29	0	-3.33	-14.40	273.83	-1261.28	-9.91	59.71
			71	-3.24	-14.41	-166.10	25.87	-60.25	81.10
			143	-3.15	-14.41	310.68	1313.09	-124.70	99.21
61	FONDAZ IONE	28, 29	0	-216.30	87.41	310.65	-1298.13	-85.02	-75.66
			71	-216.28	87.40	-155.40	-10.51	-36.38	-61.67
			143	-216.39	87.40	295.78	1277.51	3.98	-52.46
62	FONDAZ IONE	28, 29	0	-413.35	61.46	295.72	-1289.94	44.99	-40.86
			71	-413.65	61.46	-164.05	-1.13	72.28	-36.54
			143	-414.20	61.46	294.63	1289.14	98.07	-36.55
63	FONDAZ IONE	28, 29	0	-475.50	-23.71	294.46	-1290.89	116.55	62.05
			71	-476.31	-23.71	-164.67	1.58	73.39	58.60
			143	-477.42	-23.71	297.79	1296.99	33.63	52.65
64	FONDAZ IONE	29, 30	0	-394.41	-10.07	297.51	-1301.87	26.21	-32.03
			72	-395.79	-10.07	-167.07	4.78	51.90	-39.95
			143	-397.42	-10.07	306.03	1315.91	83.83	-49.36
65	FONDAZ IONE	29, 30	0	-165.68	-127.61	305.63	-1312.50	23.75	123.69
			72	-167.48	-127.61	-163.12	3.72	-61.24	113.37
			143	-169.37	-127.61	313.03	1325.50	-138.49	101.97
66	FONDAZ IONE	29, 30	0	-3.83	121.59	312.58	-1302.78	-160.51	-233.76
			72	-5.78	121.58	-145.14	24.79	11.68	-247.23
			143	-7.74	121.58	350.20	1357.81	194.51	-263.42
67	FONDAZ IONE	30, 40	0	-69.51	-86.09	349.89	-1508.48	259.32	209.52
			70	-71.44	-86.10	-248.54	-202.26	118.71	192.10
			140	-73.42	-86.10	68.87	1110.10	-9.65	174.75

68	FONDAZ IONE	32, 31	0	-52.97	60.48	265.29	-1237.77	35.26	-101.47
			65	-37.29	60.49	-138.95	3.79	109.43	-126.76
			130	-21.63	60.51	264.66	1248.62	199.97	-151.68
69	FONDAZ IONE	32, 31	0	-76.42	-53.45	264.36	-1242.46	162.30	90.16
			65	-60.78	-53.43	-140.76	5.84	111.43	66.75
			130	-45.18	-53.41	266.52	1257.91	74.98	45.92
70	FONDAZ IONE	32, 31	0	-34.96	29.16	266.17	-1255.14	74.16	-34.99
			65	-19.38	29.18	-144.67	0.95	102.78	-52.45
			130	-3.81	29.19	262.12	1261.41	141.47	-65.82
71	FONDAZ IONE	32, 31	0	-20.32	-175.11	261.70	-1202.76	141.22	282.21
			65	-4.76	-175.10	-112.16	62.47	-39.19	273.83
			130	10.81	-175.09	337.64	1332.07	-215.90	270.77
72	FONDAZ IONE	31, 34	0	-151.11	73.78	337.43	-1557.25	-242.87	-236.20
			70	-134.39	73.79	-276.45	-187.04	-77.83	-234.64
			140	-117.75	73.80	70.33	1189.63	84.80	-229.42
73	FONDAZ IONE	33, 32	0	75.51	169.23	326.09	-1272.09	-247.51	-251.83
			65	91.08	169.24	-106.67	-49.71	-82.89	-255.35
			130	106.70	169.25	255.68	1174.83	85.38	-263.19
74	FONDAZ IONE	33, 32	0	49.15	-15.08	255.54	-1216.22	90.92	51.36
			65	64.81	-15.06	-139.61	9.99	61.28	39.14
			130	80.49	-15.05	262.70	1238.21	40.85	23.08
75	FONDAZ IONE	33, 32	0	-17.34	65.87	262.50	-1225.80	48.45	-55.39
			65	-1.64	65.89	-137.53	4.67	90.61	-74.86
			130	14.07	65.90	262.82	1237.61	146.38	-97.18
76	FONDAZ IONE	33, 32	0	-31.33	-48.22	262.59	-1228.99	189.69	146.84
			65	-15.63	-48.20	-137.86	6.62	102.04	122.63
			130	0.06	-48.18	265.55	1245.13	30.44	97.60
77	FONDAZ IONE	35, 33	0	-23.16	-54.19	61.70	-1117.10	0.70	207.59
			70	-6.41	-54.18	-264.54	193.63	-145.05	208.70
			140	10.33	-54.18	326.46	1505.69	-291.14	208.27
78	FONDAZ IONE	37, 36	0	10.24	-58.35	264.39	-1228.06	-35.52	102.39
			65	26.39	-58.36	-136.76	3.65	-110.27	127.60
			130	42.54	-58.38	263.03	1237.04	-201.33	152.42
79	FONDAZ IONE	37, 36	0	-21.48	58.37	262.87	-1229.69	-162.12	-92.45
			65	-5.32	58.35	-138.20	5.56	-109.71	-69.17
			130	10.84	58.34	264.09	1242.89	-71.63	-48.51
80	FONDAZ IONE	37, 36	0	-1.98	-22.19	263.89	-1240.54	-67.67	29.03
			65	14.18	-22.20	-142.84	-0.92	-92.36	46.32
			130	30.35	-22.22	256.80	1241.33	-127.03	59.59
81	FONDAZ IONE	37, 36	0	-11.40	167.29	256.53	-1177.68	-124.37	-268.50
			65	4.77	167.27	-107.54	67.60	47.13	-260.06
			130	20.95	167.26	338.52	1315.49	214.81	-256.70
82	FONDAZ IONE	36, 39	0	-125.67	-83.34	338.48	-1558.23	239.00	236.07
			70	-108.28	-83.35	-285.02	-213.57	73.85	235.15
			140	-90.96	-83.36	33.50	1135.52	-89.44	230.85
83	FONDAZ IONE	38, 37	0	98.54	-167.18	326.99	-1273.71	248.89	253.01
			65	114.39	-167.19	-106.38	-50.03	83.62	256.19
			130	130.29	-167.20	255.77	1174.49	-85.10	263.76
84	FONDAZ IONE	38, 37	0	87.22	16.49	255.74	-1214.86	-90.86	-50.19
			65	103.18	16.48	-138.94	10.02	-61.91	-38.17
			130	119.19	16.46	262.52	1235.57	-42.07	-22.25
85	FONDAZ IONE	38, 37	0	34.67	-65.09	262.44	-1221.80	-50.09	56.91
			65	50.72	-65.11	-136.29	4.65	-93.20	76.29
			130	66.79	-65.12	262.30	1232.18	-149.89	98.56
86	FONDAZ	38, 37	0	30.18	51.36	262.19	-1222.25	-193.55	-149.05

	IONE								
			65	46.28	51.34	-136.11	6.51	-104.45	-124.88
			130	62.41	51.33	264.52	1236.69	-31.38	-99.89
87	FONDAZ IONE	40, 38	0	-14.49	56.30	61.66	-1120.50	3.25	-205.47
			70	2.54	56.29	-265.41	194.55	147.68	-207.04
			140	19.58	56.29	327.25	1509.43	292.75	-207.03
88	PRIMO IMPALC ATO	1, 2	0	-194.25	-29.45	-72.82	422.62	75.07	33.30
			215	-194.25	-29.45	258.00	-114.88	3.47	33.30
			430	-194.25	-29.45	-566.80	-652.38	-68.14	33.30
89	PRIMO IMPALC ATO	7, 1	0	610.09	399.98	-3086.16	3494.07	21.22	14.37
			260	610.09	-22.52	1600.21	110.82	-16.15	14.37
			520	610.09	-445.02	-2509.88	-3272.43	-53.53	14.37
90	PRIMO IMPALC ATO	1, 19	0	-706.19	282.35	78.83	302.73	-100.01	-86.33
			78	-706.19	155.83	-79.90	-710.45	-32.79	-86.33
			156	-706.19	29.30	-1027.52	-1723.63	34.43	-86.33
91	PRIMO IMPALC ATO	31, 1	0	-517.79	-208.65	-783.63	1104.70	-34.41	-43.25
			78	-517.79	-208.65	0.73	910.05	-0.74	-43.25
			156	-517.79	-208.65	633.53	715.39	32.93	-43.25
92	PRIMO IMPALC ATO	2, 3	0	729.04	-154.48	-678.11	660.10	21.46	8.20
			270	729.04	-154.48	192.89	-15.02	-0.68	8.20
			540	729.04	-154.48	-759.24	-690.14	-22.81	8.20
93	PRIMO IMPALC ATO	8, 2	0	257.57	29.68	-4313.44	4787.24	-19.80	-4.84
			260	257.57	29.68	2175.30	204.09	-7.22	-4.84
			520	257.57	29.68	-3252.15	-4379.06	5.35	-4.84
94	PRIMO IMPALC ATO	2, 20	0	141.55	-110.47	-1880.40	2679.10	-38.83	-55.93
			78	141.55	-110.47	-328.73	1306.58	4.72	-55.93
			156	141.55	-110.47	154.27	-65.93	48.27	-55.93
95	PRIMO IMPALC ATO	3, 4	0	152.93	-740.03	-982.73	1147.70	-65.34	-124.39
			44	152.93	-740.03	-500.22	1037.28	-10.40	-124.39
			88	152.93	-740.03	-66.47	926.86	44.54	-124.39
96	PRIMO IMPALC ATO	3, 4	0	322.19	422.18	279.42	461.72	44.34	51.99
			44	322.19	422.18	458.96	351.30	21.38	51.99
			88	322.19	422.18	589.73	240.88	-1.59	51.99
97	PRIMO IMPALC ATO	3, 4	0	331.14	148.93	530.84	233.62	-1.60	-8.69
			44	331.14	148.93	609.64	123.20	2.24	-8.69
			88	331.14	148.93	639.67	12.78	6.08	-8.69
98	PRIMO IMPALC ATO	3, 4	0	330.82	-152.01	639.41	-11.07	6.07	8.64
			44	330.82	-152.01	610.14	-121.48	2.26	8.64
			88	330.82	-152.01	532.10	-231.90	-1.56	8.64
99	PRIMO IMPALC ATO	3, 4	0	321.58	-421.85	590.08	-241.38	-1.54	-51.60
			44	321.58	-421.85	459.08	-351.80	21.25	-51.60
			88	321.58	-421.85	279.32	-462.22	44.04	-51.60
100	PRIMO IMPALC ATO	3, 4	0	153.61	744.38	-65.97	-928.87	44.23	122.31
			44	153.61	744.38	-500.60	-1039.29	-9.79	122.31
			88	153.61	744.38	-984.00	-1149.70	-63.81	122.31
101	PRIMO IMPALC	3, 21	0	-269.50	490.31	-1993.54	2346.83	40.09	29.57

	ATO								
			83	-269.50	490.31	-706.67	760.03	15.59	29.57
			166	-269.50	490.31	-734.31	-826.77	-8.90	29.57
102	PRIMO IMPALC ATO	41, 3	0	-1339.82	-1175.80	4530.13	-3089.74	30.66	108.56
			41	-1339.82	-1175.80	3156.79	-3568.86	-14.12	108.56
			83	-1339.82	-1175.80	1585.82	-4047.97	-58.90	108.56
103	PRIMO IMPALC ATO	41, 3	0	-1700.72	-327.11	-714.50	-4319.74	-58.94	-72.23
			41	-1700.72	-327.11	-2595.21	-4798.86	-29.15	-72.23
			83	-1700.72	-327.11	-4673.56	-5277.98	0.65	-72.23
104	PRIMO IMPALC ATO	4, 5	0	718.32	153.01	-761.24	690.93	-19.82	-7.05
			270	718.32	153.01	193.01	15.81	-0.79	-7.05
			540	718.32	153.01	-675.85	-659.30	18.23	-7.05
105	PRIMO IMPALC ATO	4, 22	0	-271.90	-489.93	-1984.61	2330.35	-36.60	-27.45
			83	-271.90	-489.93	-706.94	754.32	-13.86	-27.45
			166	-271.90	-489.93	-734.86	-821.72	8.88	-27.45
106	PRIMO IMPALC ATO	42, 4	0	-1341.25	1171.64	4532.02	-3089.25	-30.80	-108.25
			41	-1341.25	1171.64	3159.44	-3565.68	13.85	-108.25
			83	-1341.25	1171.64	1590.33	-4042.12	58.51	-108.25
107	PRIMO IMPALC ATO	42, 4	0	-1703.08	328.83	-727.47	-4296.87	58.55	65.80
			41	-1703.08	328.83	-2598.19	-4773.30	31.41	65.80
			83	-1703.08	328.83	-4665.45	-5249.74	4.26	65.80
108	PRIMO IMPALC ATO	5, 6	0	-198.35	28.63	-570.19	654.70	-64.19	-31.31
			215	-198.35	28.63	259.60	117.20	3.13	-31.31
			430	-198.35	28.63	-66.23	-420.30	70.44	-31.31
109	PRIMO IMPALC ATO	11, 5	0	250.72	-29.17	-4318.30	4795.99	19.33	4.71
			260	250.72	-29.17	2182.18	204.39	7.08	4.71
			520	250.72	-29.17	-3255.50	-4387.22	-5.17	4.71
110	PRIMO IMPALC ATO	5, 23	0	135.89	111.41	-1867.94	2665.13	31.20	48.16
			78	135.89	111.41	-328.13	1290.08	-6.29	48.16
			156	135.89	111.41	141.03	-84.96	-43.79	48.16
111	PRIMO IMPALC ATO	12, 6	0	588.57	-398.29	-3109.97	3521.25	-18.91	-13.15
			260	588.57	24.21	1614.11	112.65	15.29	-13.15
			520	588.57	446.71	-2524.17	-3295.95	49.49	-13.15
112	PRIMO IMPALC ATO	6, 24	0	-721.84	-283.54	88.02	299.39	86.92	68.60
			78	-721.84	-157.02	-78.23	-726.44	33.50	68.60
			156	-721.84	-30.49	-1043.22	-1752.27	-19.91	68.60
113	PRIMO IMPALC ATO	6, 36	0	-498.37	198.52	669.09	-775.76	36.44	47.45
			78	-498.37	198.52	-10.72	-970.42	-0.51	47.45
			156	-498.37	198.52	-842.09	-1165.07	-37.45	47.45
114	PRIMO IMPALC ATO	7, 8	0	239.97	17.57	103.58	325.34	41.46	19.16
			215	239.97	17.57	225.24	-212.16	0.27	19.16
			430	239.97	17.57	-808.72	-749.66	-40.92	19.16
115	PRIMO IMPALC ATO	13, 7	0	828.80	411.93	-2093.56	3035.34	-12.42	-5.59
			245	828.80	13.81	1408.38	-176.61	1.27	-5.59
			490	828.80	-384.32	-2958.96	-3388.56	14.97	-5.59
116	PRIMO	32, 7	0	-234.92	47.63	-717.76	1149.90	-29.20	-62.90

	IMPALC ATO								
			78	-234.92	47.63	101.80	955.25	19.77	-62.90
			156	-234.92	47.63	769.79	760.59	68.75	-62.90
117	PRIMO IMPALC ATO	8, 9	0	254.57	90.90	-806.60	722.16	-10.69	-4.67
			270	254.57	90.90	231.99	47.13	1.92	-4.67
			540	254.57	90.90	-552.08	-627.90	14.53	-4.67
118	PRIMO IMPALC ATO	14, 8	0	370.91	2.66	-2773.63	4058.63	-2.77	-2.60
			245	370.91	2.66	1850.30	-283.99	3.60	-2.60
			490	370.91	2.66	-4165.20	-4626.62	9.96	-2.60
119	PRIMO IMPALC ATO	9, 10	0	299.75	917.93	-767.25	655.95	58.98	115.02
			44	299.75	917.93	-501.93	545.53	8.17	115.02
			88	299.75	917.93	-285.37	435.12	-42.63	115.02
120	PRIMO IMPALC ATO	9, 10	0	409.00	-60.99	208.92	354.65	-42.43	-48.80
			44	409.00	-60.99	341.17	244.23	-20.88	-48.80
			88	409.00	-60.99	424.65	133.81	0.68	-48.80
121	PRIMO IMPALC ATO	9, 10	0	392.95	-39.84	532.98	210.82	0.70	7.34
			44	392.95	-39.84	601.71	100.40	-2.54	7.34
			88	392.95	-39.84	621.67	-10.01	-5.79	7.34
122	PRIMO IMPALC ATO	9, 10	0	393.49	37.62	621.43	10.30	-5.79	-7.34
			44	393.49	37.62	601.59	-100.11	-2.55	-7.34
			88	393.49	37.62	532.99	-210.53	0.69	-7.34
123	PRIMO IMPALC ATO	9, 10	0	410.96	61.53	424.49	-132.69	0.67	48.67
			44	410.96	61.53	341.50	-243.11	-20.83	48.67
			88	410.96	61.53	209.74	-353.53	-42.32	48.67
124	PRIMO IMPALC ATO	9, 10	0	303.11	-915.74	-285.70	-434.17	-42.52	-114.02
			44	303.11	-915.74	-501.85	-544.59	7.84	-114.02
			88	303.11	-915.74	-766.76	-655.01	58.20	-114.02
125	PRIMO IMPALC ATO	15, 9	0	722.72	-141.85	-2869.04	4243.47	-19.32	-13.18
			240	722.72	-141.85	1798.65	-353.73	12.30	-13.18
			480	722.72	-141.85	-4566.93	-4950.93	43.92	-13.18
126	PRIMO IMPALC ATO	9, 41	0	-1540.50	-486.67	-3506.64	3116.15	21.09	83.35
			44	-1540.50	-486.67	-2254.79	2606.57	-15.37	83.35
			88	-1540.50	-486.67	-1225.89	2096.99	-51.84	83.35
127	PRIMO IMPALC ATO	9, 41	0	-1233.11	741.03	110.10	1561.20	-51.75	-45.49
			44	-1233.11	741.03	681.66	1051.62	-31.84	-45.49
			88	-1233.11	741.03	1030.27	542.04	-11.94	-45.49
128	PRIMO IMPALC ATO	9, 41	0	-1055.44	656.78	1360.19	1309.16	-11.93	9.76
			44	-1055.44	656.78	1821.47	799.58	-16.20	9.76
			88	-1055.44	656.78	2059.82	290.00	-20.47	9.76
129	PRIMO IMPALC ATO	9, 41	0	-991.48	257.97	2354.76	1085.88	-20.50	-63.33
			44	-991.48	257.97	2718.37	576.31	7.21	-63.33
			88	-991.48	257.97	2859.03	66.73	34.92	-63.33
130	PRIMO IMPALC ATO	10, 11	0	256.29	-90.01	-553.54	628.37	17.87	5.89
			270	256.29	-90.01	231.81	-46.66	1.97	5.89
			540	256.29	-90.01	-805.49	-721.68	-13.94	5.89

131	PRIMO IMPALC ATO	16, 10	0	726.95	142.15	-2858.28	4228.30	14.55	11.01
			240	726.95	142.15	1791.72	-353.30	-11.87	11.01
			480	726.95	142.15	-4554.12	-4934.90	-38.30	11.01
132	PRIMO IMPALC ATO	10, 42	0	-1539.04	487.27	-3500.57	3112.28	-19.45	-81.52
			44	-1539.04	487.27	-2249.48	2606.97	16.21	-81.52
			88	-1539.04	487.27	-1219.47	2101.66	51.88	-81.52
133	PRIMO IMPALC ATO	10, 42	0	-1233.00	-738.98	107.28	1557.27	51.79	45.58
			44	-1233.00	-738.98	678.05	1051.96	31.84	45.58
			88	-1233.00	-738.98	1027.75	546.65	11.90	45.58
134	PRIMO IMPALC ATO	10, 42	0	-1055.40	-655.62	1359.54	1305.73	11.89	-9.86
			44	-1055.40	-655.62	1820.26	800.41	16.20	-9.86
			88	-1055.40	-655.62	2059.90	295.10	20.52	-9.86
135	PRIMO IMPALC ATO	10, 42	0	-991.61	-259.61	2351.71	1083.14	20.55	63.69
			44	-991.61	-259.61	2715.05	577.83	-7.32	63.69
			88	-991.61	-259.61	2857.31	72.52	-35.18	63.69
136	PRIMO IMPALC ATO	11, 12	0	237.57	-18.63	-811.24	751.24	-38.01	-17.77
			215	237.57	-18.63	226.11	213.74	0.18	-17.77
			430	237.57	-18.63	107.83	-323.76	38.38	-17.77
137	PRIMO IMPALC ATO	17, 11	0	370.92	-2.67	-2763.04	4042.57	-1.64	0.53
			245	370.92	-2.67	1841.05	-284.13	-2.94	0.53
			490	370.92	-2.67	-4155.28	-4610.83	-4.24	0.53
138	PRIMO IMPALC ATO	18, 12	0	817.34	-410.46	-2096.46	3036.09	10.17	4.33
			245	817.34	-12.33	1407.32	-175.86	-0.43	4.33
			490	817.34	385.79	-2958.18	-3387.81	-11.03	4.33
139	PRIMO IMPALC ATO	12, 37	0	-239.66	-49.74	782.11	-775.79	67.41	62.15
			78	-239.66	-49.74	102.29	-970.44	19.02	62.15
			156	-239.66	-49.74	-729.10	-1165.10	-29.37	62.15
140	PRIMO IMPALC ATO	13, 14	0	133.38	1.68	-26.15	388.74	39.13	18.44
			215	133.38	1.68	231.84	-148.76	-0.51	18.44
			430	133.38	1.68	-665.80	-686.26	-40.16	18.44
141	PRIMO IMPALC ATO	25, 13	0	-428.43	1.64	-922.08	1599.60	62.31	89.07
			78	-428.43	-124.89	-74.00	578.83	-7.05	89.07
			156	-428.43	-251.41	-20.71	-441.95	-76.40	89.07
142	PRIMO IMPALC ATO	33, 13	0	-355.33	196.29	-808.18	1148.39	-58.29	-73.72
			78	-355.33	196.29	10.19	953.73	-0.89	-73.72
			156	-355.33	196.29	677.01	759.08	56.51	-73.72
143	PRIMO IMPALC ATO	14, 15	0	370.37	15.62	-728.90	717.73	2.76	1.15
			270	370.37	15.62	297.73	42.70	-0.35	1.15
			540	370.37	15.62	-498.29	-632.33	-3.47	1.15
144	PRIMO IMPALC ATO	26, 14	0	164.62	37.15	344.23	-122.57	-12.35	0.79
			78	164.62	37.15	-287.51	-1500.14	-12.97	0.79
			156	164.62	37.15	-1991.85	-2877.72	-13.58	0.79
145	PRIMO IMPALC ATO	15, 16	0	113.07	-0.36	-579.62	662.45	1.87	0.20
			265	113.07	-0.36	298.05	-0.05	1.36	0.20

			530	113.07	-0.36	-579.90	-662.55	0.84	0.20
146	PRIMO IMPALC ATO	27, 15	0	-212.26	-52.88	-577.66	1408.02	-14.81	1.14
			80	-212.26	-52.88	-64.65	-131.10	-15.72	1.14
			161	-212.26	-52.88	-788.34	-1670.22	-16.64	1.14
147	PRIMO IMPALC ATO	16, 17	0	372.32	-16.05	-498.78	632.49	0.64	0.38
			270	372.32	-16.05	297.70	-42.53	-0.37	0.38
			540	372.32	-16.05	-728.47	-717.56	-1.38	0.38
148	PRIMO IMPALC ATO	28, 16	0	-209.24	53.32	-574.03	1401.13	12.36	-3.28
			80	-209.24	53.32	-64.45	-132.76	14.99	-3.28
			161	-209.24	53.32	-787.38	-1666.66	17.63	-3.28
149	PRIMO IMPALC ATO	17, 18	0	132.87	-1.39	-667.21	686.91	-35.96	-16.42
			215	132.87	-1.39	231.82	149.41	-0.66	-16.42
			430	132.87	-1.39	-24.77	-388.09	34.64	-16.42
150	PRIMO IMPALC ATO	29, 17	0	165.77	-36.30	345.42	-123.66	7.50	-7.09
			78	165.77	-36.30	-286.19	-1498.71	13.02	-7.09
			156	165.77	-36.30	-1988.43	-2873.75	18.54	-7.09
151	PRIMO IMPALC ATO	30, 18	0	-433.40	-0.93	-923.52	1601.46	-63.84	-91.32
			78	-433.40	125.60	-73.99	580.69	7.26	-91.32
			156	-433.40	252.13	-19.24	-440.08	78.36	-91.32
152	PRIMO IMPALC ATO	18, 38	0	-355.41	-196.04	674.51	-756.48	55.58	72.65
			78	-355.41	-196.04	9.72	-951.14	-0.98	72.65
			156	-355.41	-196.04	-806.64	-1145.79	-57.55	72.65
153	PRIMO IMPALC ATO	19, 20	0	87.99	26.70	43.93	32.38	-1.50	-6.04
			72	87.99	26.70	35.04	-57.20	2.83	-6.04
			143	87.99	26.70	-38.06	-146.79	7.17	-6.04
154	PRIMO IMPALC ATO	19, 20	0	272.10	13.14	-36.04	91.26	13.91	3.12
			72	272.10	13.14	-2.73	1.68	11.68	3.12
			143	272.10	13.14	-33.63	-87.90	9.45	3.12
155	PRIMO IMPALC ATO	19, 20	0	348.59	0.09	-33.57	138.36	-11.74	-0.05
			72	348.59	0.09	33.49	48.78	-11.70	-0.05
			143	348.59	0.09	36.34	-40.80	-11.67	-0.05
156	PRIMO IMPALC ATO	34, 19	0	-101.63	-39.58	7.50	23.08	5.62	8.27
			70	-101.63	-39.58	-6.96	-64.42	-0.17	8.27
			140	-101.63	-39.58	-82.68	-151.92	-5.96	8.27
157	PRIMO IMPALC ATO	20, 21	0	379.75	-5.23	-85.08	146.85	1.58	0.86
			71	379.75	-5.23	-12.18	57.79	0.96	0.86
			143	379.75	-5.23	-2.73	-31.27	0.35	0.86
158	PRIMO IMPALC ATO	20, 21	0	400.32	-1.63	-2.66	63.52	-3.18	0.17
			71	400.32	-1.63	10.88	-25.54	-3.30	0.17
			143	400.32	-1.63	-39.05	-114.60	-3.42	0.17
159	PRIMO IMPALC ATO	20, 21	0	395.77	-12.82	-38.93	135.07	7.98	-0.97
			71	395.77	-12.82	25.58	46.01	8.68	-0.97
			143	395.77	-12.82	26.64	-43.05	9.37	-0.97
160	PRIMO IMPALC ATO	20, 21	0	340.47	-33.99	28.93	-78.74	-2.37	5.34

			71	340.47	-33.99	-58.90	-167.80	-6.17	5.34
			143	340.47	-33.99	-210.18	-256.86	-9.98	5.34
161	PRIMO IMPALC ATO	21, 22	0	297.66	32.74	204.32	-149.73	-12.82	-7.41
			63	297.66	32.74	86.32	-227.85	-8.19	-7.41
			125	297.66	32.74	-80.50	-305.98	-3.56	-7.41
162	PRIMO IMPALC ATO	21, 22	0	318.89	14.98	-78.59	151.00	9.54	1.58
			63	318.89	14.98	-8.63	72.87	8.56	1.58
			125	318.89	14.98	12.50	-5.25	7.57	1.58
163	PRIMO IMPALC ATO	21, 22	0	315.40	-14.95	12.53	5.27	7.59	-1.59
			63	315.40	-14.95	-8.59	-72.86	8.59	-1.59
			125	315.40	-14.95	-78.54	-150.98	9.59	-1.59
164	PRIMO IMPALC ATO	21, 22	0	287.39	-32.77	-80.38	305.69	-3.40	7.40
			63	287.39	-32.77	86.27	227.57	-8.02	7.40
			125	287.39	-32.77	204.08	149.44	-12.65	7.40
165	PRIMO IMPALC ATO	22, 23	0	324.01	33.87	-209.92	256.66	-9.79	-5.32
			71	324.01	33.87	-58.78	167.60	-6.00	-5.32
			143	324.01	33.87	28.91	78.54	-2.21	-5.32
166	PRIMO IMPALC ATO	22, 23	0	372.56	12.70	26.70	43.05	9.38	1.01
			71	372.56	12.70	25.64	-46.01	8.66	1.01
			143	372.56	12.70	-38.87	-135.07	7.94	1.01
167	PRIMO IMPALC ATO	22, 23	0	372.18	1.22	-38.89	114.48	-3.31	-0.17
			71	372.18	1.22	10.95	25.42	-3.19	-0.17
			143	372.18	1.22	-2.67	-63.64	-3.07	-0.17
168	PRIMO IMPALC ATO	22, 23	0	348.67	4.64	-2.64	31.34	-0.01	-0.72
			71	348.67	4.64	-12.04	-57.73	0.50	-0.72
			143	348.67	4.64	-84.90	-146.79	1.02	-0.72
169	PRIMO IMPALC ATO	23, 24	0	316.25	0.41	36.32	41.10	-11.42	0.02
			72	316.25	0.41	33.68	-48.48	-11.43	0.02
			143	316.25	0.41	-33.17	-138.07	-11.45	0.02
170	PRIMO IMPALC ATO	23, 24	0	246.48	-13.33	-33.07	86.57	9.73	-3.08
			72	246.48	-13.33	-3.13	-3.02	11.94	-3.08
			143	246.48	-13.33	-37.39	-92.60	14.15	-3.08
171	PRIMO IMPALC ATO	23, 24	0	77.11	-27.63	-39.32	151.34	6.69	6.17
			72	77.11	-27.63	37.04	61.76	2.26	6.17
			143	77.11	-27.63	49.20	-27.83	-2.16	6.17
172	PRIMO IMPALC ATO	24, 39	0	-77.49	42.36	-79.73	139.11	-5.74	-7.87
			70	-77.49	42.36	-12.97	51.61	-0.23	-7.87
			140	-77.49	42.36	-7.47	-35.89	5.28	-7.87
173	PRIMO IMPALC ATO	25, 26	0	22.47	-24.19	29.10	44.82	11.98	6.80
			72	22.47	-24.19	29.12	-44.76	7.11	6.80
			143	22.47	-24.19	-35.06	-134.34	2.23	6.80
174	PRIMO IMPALC ATO	25, 26	0	174.23	-19.22	-33.89	94.31	-10.06	-2.62
			72	174.23	-19.22	1.60	4.73	-8.19	-2.62
			143	174.23	-19.22	-27.11	-84.85	-6.31	-2.62
175	PRIMO IMPALC	25, 26	0	231.29	-9.66	-27.27	116.10	2.91	2.50

	ATO								
			72	231.29	-9.66	23.83	26.52	1.13	2.50
			143	231.29	-9.66	10.74	-63.07	-0.66	2.50
176	PRIMO IMPALC ATO	35, 25	0	-109.32	40.36	-17.81	59.81	-7.13	-11.69
			70	-109.32	40.36	-6.57	-27.69	1.05	-11.69
			140	-109.32	40.36	-56.58	-115.19	9.24	-11.69
177	PRIMO IMPALC ATO	26, 27	0	246.90	13.82	-57.64	120.80	-2.56	-1.98
			71	246.90	13.82	-3.30	31.74	-1.15	-1.98
			143	246.90	13.82	-12.41	-57.32	0.27	-1.98
178	PRIMO IMPALC ATO	26, 27	0	229.16	4.42	-12.67	81.47	4.80	0.21
			71	229.16	4.42	13.65	-7.59	4.65	0.21
			143	229.16	4.42	-23.49	-96.66	4.50	0.21
179	PRIMO IMPALC ATO	26, 27	0	185.42	8.98	-23.30	88.41	-6.58	0.63
			71	185.42	8.98	7.96	-0.65	-7.03	0.63
			143	185.42	8.98	-24.23	-89.72	-7.48	0.63
180	PRIMO IMPALC ATO	26, 27	0	84.48	25.69	-24.42	96.80	0.76	-3.84
			71	84.48	25.69	12.82	7.74	3.49	-3.84
			143	84.48	25.69	-13.40	-81.33	6.22	-3.84
181	PRIMO IMPALC ATO	27, 28	0	44.55	-24.17	-14.53	74.87	9.57	5.52
			63	44.55	-24.17	7.84	-3.26	6.12	5.52
			125	44.55	-24.17	-18.61	-81.38	2.66	5.52
182	PRIMO IMPALC ATO	27, 28	0	91.91	-11.17	-18.52	80.43	-7.22	-1.21
			63	91.91	-11.17	7.33	2.31	-6.46	-1.21
			125	91.91	-11.17	-15.64	-75.82	-5.71	-1.21
183	PRIMO IMPALC ATO	27, 28	0	92.69	11.09	-15.64	75.75	-5.66	1.20
			63	92.69	11.09	7.29	-2.37	-6.41	1.20
			125	92.69	11.09	-18.61	-80.50	-7.16	1.20
184	PRIMO IMPALC ATO	27, 28	0	47.04	24.06	-18.71	81.76	2.59	-5.48
			63	47.04	24.06	7.98	3.64	6.02	-5.48
			125	47.04	24.06	-14.16	-74.49	9.44	-5.48
185	PRIMO IMPALC ATO	28, 29	0	88.77	-25.60	-13.79	81.67	6.57	3.86
			71	88.77	-25.60	12.67	-7.39	3.82	3.86
			143	88.77	-25.60	-24.32	-96.45	1.08	3.86
186	PRIMO IMPALC ATO	28, 29	0	190.38	-9.09	-24.15	89.65	-7.40	-0.60
			71	190.38	-9.09	8.00	0.59	-6.97	-0.60
			143	190.38	-9.09	-23.31	-88.47	-6.54	-0.60
187	PRIMO IMPALC ATO	28, 29	0	234.64	-4.62	-23.52	96.61	4.49	-0.19
			71	234.64	-4.62	13.59	7.55	4.63	-0.19
			143	234.64	-4.62	-12.76	-81.51	4.77	-0.19
188	PRIMO IMPALC ATO	28, 29	0	252.41	-13.87	-12.52	57.64	-0.10	2.04
			71	252.41	-13.87	-3.18	-31.43	-1.56	2.04
			143	252.41	-13.87	-57.30	-120.49	-3.02	2.04
189	PRIMO IMPALC ATO	29, 30	0	238.25	9.71	10.34	63.42	-0.25	-2.45
			72	238.25	9.71	23.69	-26.16	1.51	-2.45
			143	238.25	9.71	-27.16	-115.74	3.26	-2.45
190	PRIMO	29, 30	0	179.92	19.05	-27.02	84.70	-6.31	2.64

	IMPALC ATO								
			72	179.92	19.05	1.58	-4.88	-8.20	2.64
			143	179.92	19.05	-34.02	-94.46	-10.09	2.64
191	PRIMO IMPALC ATO	29, 30	0	26.21	24.22	-35.22	134.73	1.84	-6.75
			72	26.21	24.22	29.24	45.15	6.68	-6.75
			143	26.21	24.22	29.49	-44.44	11.52	-6.75
192	PRIMO IMPALC ATO	30, 40	0	-107.63	-40.31	-57.05	115.71	9.18	11.64
			70	-107.63	-40.31	-6.68	28.21	1.03	11.64
			140	-107.63	-40.31	-17.56	-59.29	-7.12	11.64
193	PRIMO IMPALC ATO	32, 31	0	131.39	32.54	-23.22	83.92	-9.15	-6.29
			65	131.39	32.54	4.92	2.67	-5.06	-6.29
			130	131.39	32.54	-19.75	-78.58	-0.97	-6.29
194	PRIMO IMPALC ATO	32, 31	0	189.82	16.04	-20.11	88.95	7.86	1.35
			65	189.82	16.04	11.30	7.70	6.98	1.35
			130	189.82	16.04	-10.10	-73.55	6.11	1.35
195	PRIMO IMPALC ATO	32, 31	0	178.80	-15.91	-10.16	50.50	10.21	-2.57
			65	178.80	-15.91	-3.74	-30.75	11.88	-2.57
			130	178.80	-15.91	-50.13	-112.00	13.56	-2.57
196	PRIMO IMPALC ATO	32, 31	0	75.93	-19.96	-51.71	199.06	-7.47	8.70
			65	75.93	-19.96	51.27	117.81	-13.12	8.70
			130	75.93	-19.96	101.44	36.56	-18.78	8.70
197	PRIMO IMPALC ATO	31, 34	0	-71.57	-76.88	-178.03	415.03	-7.42	-8.76
			70	-71.57	36.87	2.25	100.03	-1.28	-8.76
			140	-71.57	150.62	-37.98	-214.97	4.85	-8.76
198	PRIMO IMPALC ATO	33, 32	0	21.38	18.54	122.68	-57.03	-14.17	-7.51
			65	21.38	18.54	59.20	-138.28	-9.28	-7.51
			130	21.38	18.54	-57.08	-219.53	-4.40	-7.51
199	PRIMO IMPALC ATO	33, 32	0	135.87	13.75	-55.88	118.88	12.04	2.48
			65	135.87	13.75	-5.02	37.63	10.43	2.48
			130	135.87	13.75	-6.97	-43.62	8.81	2.48
200	PRIMO IMPALC ATO	33, 32	0	169.87	-16.55	-7.45	67.22	5.55	-1.23
			65	169.87	-16.55	9.84	-14.03	6.35	-1.23
			130	169.87	-16.55	-25.68	-95.28	7.15	-1.23
201	PRIMO IMPALC ATO	33, 32	0	141.26	-31.17	-26.03	100.05	-5.97	6.83
			65	141.26	-31.17	12.59	18.80	-10.41	6.83
			130	141.26	-31.17	-1.59	-62.45	-14.86	6.83
202	PRIMO IMPALC ATO	35, 33	0	-84.34	-34.19	20.76	-31.23	8.78	11.27
			70	-84.34	-34.19	-31.73	-118.73	0.89	11.27
			140	-84.34	-34.19	-145.46	-206.23	-7.00	11.27
203	PRIMO IMPALC ATO	37, 36	0	112.23	-33.05	-22.43	82.87	9.33	6.37
			65	112.23	-33.05	5.03	1.62	5.19	6.37
			130	112.23	-33.05	-20.32	-79.63	1.05	6.37
204	PRIMO IMPALC ATO	37, 36	0	173.11	-16.04	-20.55	90.55	-8.11	-1.34
			65	173.11	-16.04	11.90	9.30	-7.24	-1.34
			130	173.11	-16.04	-8.46	-71.95	-6.37	-1.34

205	PRIMO IMPALC ATO	37, 36	0	166.11	14.97	-8.32	44.22	-9.68	2.44
			65	166.11	14.97	-5.98	-37.03	-11.26	2.44
			130	166.11	14.97	-56.46	-118.28	-12.85	2.44
206	PRIMO IMPALC ATO	37, 36	0	77.46	18.19	-58.11	223.16	7.29	-8.25
			65	77.46	18.19	60.54	141.91	12.65	-8.25
			130	77.46	18.19	126.37	60.66	18.01	-8.25
207	PRIMO IMPALC ATO	36, 39	0	-50.50	-36.60	-147.55	206.04	6.95	8.18
			70	-50.50	-36.60	-33.95	118.54	1.22	8.18
			140	-50.50	-36.60	18.40	31.04	-4.51	8.18
208	PRIMO IMPALC ATO	38, 37	0	15.60	-18.38	122.57	-56.93	14.18	7.50
			65	15.60	-18.38	59.16	-138.18	9.31	7.50
			130	15.60	-18.38	-57.06	-219.43	4.43	7.50
209	PRIMO IMPALC ATO	38, 37	0	125.30	-13.66	-55.75	118.74	-12.02	-2.50
			65	125.30	-13.66	-4.98	37.49	-10.40	-2.50
			130	125.30	-13.66	-7.02	-43.76	-8.77	-2.50
210	PRIMO IMPALC ATO	38, 37	0	155.05	16.81	-7.38	67.22	-5.67	1.24
			65	155.05	16.81	9.91	-14.03	-6.48	1.24
			130	155.05	16.81	-25.61	-95.28	-7.29	1.24
211	PRIMO IMPALC ATO	38, 37	0	122.95	31.71	-25.84	99.64	6.00	-6.94
			65	122.95	31.71	12.53	18.39	10.51	-6.94
			130	122.95	31.71	-1.92	-62.86	15.02	-6.94
212	PRIMO IMPALC ATO	40, 38	0	-85.84	34.21	20.62	-31.00	-8.74	-11.25
			70	-85.84	34.21	-31.71	-118.50	-0.87	-11.25
			140	-85.84	34.21	-145.29	-206.00	7.00	-11.25
213	PRIMO IMPALC ATO	1	0	-9408.86	-9.56	-826.56	-40.37	-102.66	-317.15
			150	-9858.86	-9.56	-881.50	-32.87	373.13	-317.15
			300	-10308.86	-9.56	-925.20	-25.37	848.91	-317.15
214	PRIMO IMPALC ATO	2	0	-12843.17	7.77	-665.80	71.16	-330.18	-142.91
			150	-13293.17	7.77	-559.03	71.16	-121.41	-135.41
			300	-13743.17	7.77	-452.27	71.16	76.10	-127.91
215	PRIMO IMPALC ATO	3	0	-21861.23	-3.03	-8027.29	2804.68	1454.29	760.35
			150	-22423.73	-3.03	-3820.27	2804.68	313.76	760.35
			300	-22986.23	-3.03	386.76	2804.68	-826.77	760.35
216	PRIMO IMPALC ATO	4	0	-21824.94	3.07	-8020.04	2802.43	-1450.95	-757.73
			150	-22387.44	3.07	-3816.39	2802.43	-314.36	-757.73
			300	-22949.94	3.07	387.25	2802.43	822.24	-757.73
217	PRIMO IMPALC ATO	5	0	-12836.07	-7.92	-674.43	74.74	332.94	145.60
			150	-13286.07	-7.92	-562.31	74.74	120.13	138.10
			300	-13736.07	-7.92	-450.19	74.74	-81.43	130.60
218	PRIMO IMPALC ATO	6	0	-9368.41	9.22	-851.53	-28.97	86.95	309.29
			150	-9818.41	9.22	-889.37	-21.47	-377.05	309.29
			300	-10268.41	9.22	-915.95	-13.97	-841.05	309.29
219	PRIMO IMPALC ATO	7	0	-19004.86	-4.63	75.12	17.31	-292.72	-436.56
			150	-19454.86	-4.63	106.71	24.81	362.22	-436.56

			300	-19904.86	-4.63	149.55	32.31	1017.15	-436.56
220	PRIMO IMPALC ATO	8	0	-10885.69	0.48	214.10	-91.87	-28.34	-12.40
			150	-11223.19	0.48	76.29	-91.87	-9.75	-12.40
			300	-11560.69	0.48	-61.52	-91.87	8.85	-12.40
221	PRIMO IMPALC ATO	9	0	-32480.64	-0.04	4343.30	-1970.93	1177.46	645.21
			150	-33043.14	-0.04	1393.51	-1961.56	209.51	645.21
			300	-33605.64	-0.04	-1542.20	-1952.18	-758.43	645.21
222	PRIMO IMPALC ATO	10	0	-32443.45	-0.11	4345.47	-1971.74	-1175.34	-643.34
			150	-33005.95	-0.11	1394.49	-1962.36	-210.20	-643.34
			300	-33568.45	-0.11	-1542.42	-1952.99	754.95	-643.34
223	PRIMO IMPALC ATO	11	0	-10879.74	-0.51	226.93	-98.91	31.44	14.58
			150	-11217.24	-0.51	78.56	-98.91	9.57	14.58
			300	-11554.74	-0.51	-69.80	-98.91	-12.31	14.58
224	PRIMO IMPALC ATO	12	0	-19012.52	4.54	92.70	6.57	288.31	435.20
			150	-19462.52	4.54	108.18	14.07	-364.57	435.20
			300	-19912.52	4.54	134.92	21.57	-1017.46	435.20
225	PRIMO IMPALC ATO	13	0	-8927.74	6.74	719.31	43.94	-163.21	-346.41
			150	-9377.74	6.74	779.60	36.44	356.47	-346.41
			300	-9827.74	6.74	828.65	28.94	876.15	-346.41
226	PRIMO IMPALC ATO	14	0	-11553.99	-6.89	514.23	-58.80	-58.45	-40.30
			150	-12003.99	-6.89	426.01	-58.80	-3.62	-32.80
			300	-12453.99	-6.89	337.80	-58.80	39.96	-25.30
227	PRIMO IMPALC ATO	15	0	-16940.94	5.54	752.71	-215.80	131.35	106.71
			150	-17390.94	5.54	434.55	-208.30	-23.13	99.21
			300	-17840.94	5.54	127.65	-200.80	-166.36	91.71
228	PRIMO IMPALC ATO	16	0	-16922.70	-5.74	748.74	-213.96	-132.83	-107.49
			150	-17372.70	-5.74	433.34	-206.46	22.82	-99.99
			300	-17822.70	-5.74	129.19	-198.96	167.23	-92.49
229	PRIMO IMPALC ATO	17	0	-11535.20	6.61	511.41	-58.60	58.30	40.56
			150	-11985.20	6.61	423.50	-58.60	3.08	33.06
			300	-12435.20	6.61	335.59	-58.60	-40.90	25.56
230	PRIMO IMPALC ATO	18	0	-8928.64	-7.12	723.10	39.78	163.74	347.07
			150	-9378.64	-7.12	777.15	32.28	-356.93	347.07
			300	-9828.64	-7.12	819.95	24.78	-877.60	347.07
231	SECOND O IMPALC ATO	1, 2	0	101.46	1201.52	260.46	270.65	-321.88	-8.26
			215	101.46	1201.52	-197.70	-696.85	-304.13	-8.26
			430	101.46	1201.52	-2735.99	-1664.35	-286.38	-8.26
232	SECOND O IMPALC ATO	7, 1	0	-1242.12	55.55	-5445.90	6011.55	43.83	69.00
			260	-1242.12	55.55	2910.38	416.35	-135.56	69.00
			520	-1242.12	55.55	-3280.87	-5178.85	-314.95	69.00
233	SECOND O IMPALC ATO	2, 3	0	-394.89	1393.87	-3882.92	2129.03	-335.11	-200.61
			278	-394.89	1393.87	293.38	879.82	221.79	-200.61
			555	-394.89	1393.87	1001.88	-369.38	778.69	-200.61

234	SECOND O IMPALC ATO	3, 4	0	-23.63	0.44	370.56	1124.48	157.82	-0.59
			250	-23.63	0.44	1775.50	-0.52	159.30	-0.59
			500	-23.63	0.44	367.94	-1125.52	160.78	-0.59
235	SECOND O IMPALC ATO	41, 3	0	-159.06	-774.03	-6992.37	7217.31	122.94	390.26
			95	-159.06	-774.03	-1478.14	4355.59	-248.96	390.26
			191	-159.06	-774.03	1308.99	1493.86	-620.87	390.26
236	SECOND O IMPALC ATO	4, 5	0	-397.74	-1393.91	997.77	370.90	788.45	203.12
			278	-397.74	-1393.91	293.49	-878.30	224.59	203.12
			555	-397.74	-1393.91	-3878.60	-2127.51	-339.26	203.12
237	SECOND O IMPALC ATO	42, 4	0	-162.43	772.63	-6996.11	7219.88	-122.22	-393.45
			95	-162.43	772.63	-1479.44	4358.15	252.73	-393.45
			191	-162.43	772.63	1310.14	1496.42	627.67	-393.45
238	SECOND O IMPALC ATO	5, 6	0	97.53	-1201.89	-2733.47	1663.00	-289.88	8.43
			215	97.53	-1201.89	-198.09	695.50	-308.00	8.43
			430	97.53	-1201.89	257.18	-272.00	-326.12	8.43
239	SECOND O IMPALC ATO	12, 6	0	-1246.69	-55.35	-5444.54	6010.65	-42.35	-69.47
			260	-1246.69	-55.35	2909.38	415.45	138.26	-69.47
			520	-1246.69	-55.35	-3284.21	-5179.75	318.88	-69.47
240	SECOND O IMPALC ATO	13, 7	0	-1265.82	42.61	-2010.81	4458.66	620.95	120.13
			245	-1265.82	42.61	2587.48	-704.95	326.62	120.13
			490	-1265.82	42.61	-5465.09	-5868.57	32.30	120.13
241	SECOND O IMPALC ATO	9, 10	0	-642.88	-0.32	-792.63	1192.56	-2.71	1.69
			265	-642.88	-0.32	787.58	0.06	-7.17	1.69
			530	-642.88	-0.32	-792.33	-1192.44	-11.64	1.69
242	SECOND O IMPALC ATO	15, 9	0	-1463.97	-125.14	-3325.21	6486.29	130.44	38.87
			240	-1463.97	-125.14	3593.24	-720.91	37.15	38.87
			480	-1463.97	-125.14	-6785.59	-7928.11	-56.14	38.87
243	SECOND O IMPALC ATO	9, 41	0	-505.51	-359.59	-4710.24	5364.16	-55.41	-41.87
			175	-505.51	-359.59	78.69	108.91	17.86	-41.87
			350	-505.51	-359.59	-4329.07	-5146.35	91.12	-41.87
244	SECOND O IMPALC ATO	16, 10	0	-1459.07	125.32	-3324.58	6486.23	-139.22	-41.77
			240	-1459.07	125.32	3593.73	-720.97	-38.97	-41.77
			480	-1459.07	125.32	-6785.24	-7928.17	61.27	-41.77
245	SECOND O IMPALC ATO	10, 42	0	-504.39	360.05	-4708.88	5363.28	51.35	39.00
			175	-504.39	360.05	78.52	108.03	-16.90	39.00
			350	-504.39	360.05	-4330.78	-5147.22	-85.16	39.00
246	SECOND O	18, 12	0	-1267.93	-42.62	-2013.11	4459.94	-627.76	-121.88

	IMPALC ATO								
			245	-1267.93	-42.62	2588.32	-703.68	-329.15	-121.88
			490	-1267.93	-42.62	-5461.12	-5867.30	-30.54	-121.88
247	SECOND O IMPALC ATO	13, 14	0	-214.90	-219.66	-109.11	685.16	-658.09	-252.31
			215	-214.90	-219.66	323.91	-282.34	-115.63	-252.31
			430	-214.90	-219.66	-1323.19	-1249.84	426.82	-252.31
248	SECOND O IMPALC ATO	14, 15	0	-200.13	334.21	-1317.25	1286.54	374.76	32.49
			270	-200.13	334.21	516.15	71.48	287.04	32.49
			540	-200.13	334.21	-931.22	-1143.57	199.33	32.49
249	SECOND O IMPALC ATO	15, 16	0	-336.21	0.21	-982.58	1192.54	61.42	-0.13
			265	-336.21	0.21	597.59	0.04	61.77	-0.13
			530	-336.21	0.21	-982.36	-1192.46	62.11	-0.13
250	SECOND O IMPALC ATO	16, 17	0	-198.36	-334.38	-932.72	1143.96	209.13	-30.14
			270	-198.36	-334.38	515.71	-71.10	290.51	-30.14
			540	-198.36	-334.38	-1316.65	-1286.15	371.88	-30.14
251	SECOND O IMPALC ATO	17, 18	0	-214.97	219.43	-1325.51	1250.99	424.72	253.46
			215	-214.97	219.43	324.05	283.49	-120.22	253.46
			430	-214.97	219.43	-106.52	-684.01	-665.16	253.46
252	SECOND O IMPALC ATO	41, 42	0	-1001.44	-0.18	-393.86	1192.28	-27.57	0.96
			265	-1001.44	-0.18	1185.63	-0.22	-30.13	0.96
			530	-1001.44	-0.18	-395.01	-1192.72	-32.68	0.96
253	SECOND O IMPALC ATO	1	0	-5449.50	-6.93	-2079.35	1250.37	-204.91	-32.46
			150	-5787.00	-6.93	-203.79	1250.37	-156.22	-32.46
			300	-6124.50	-6.93	1671.77	1250.37	-107.52	-32.46
254	SECOND O IMPALC ATO	2	0	-3793.38	-48.74	296.74	181.61	1107.86	501.63
			150	-4130.88	-48.74	569.16	181.61	355.41	501.63
			300	-4468.38	-48.74	841.58	181.61	-397.03	501.63
255	SECOND O IMPALC ATO	5	0	-3790.51	49.38	296.30	183.87	-1106.05	-500.61
			150	-4128.01	49.38	572.11	183.87	-355.14	-500.61
			300	-4465.51	49.38	847.91	183.87	395.78	-500.61
256	SECOND O IMPALC ATO	6	0	-5451.75	7.24	-2082.32	1255.12	201.83	28.06
			150	-5789.25	7.24	-199.64	1255.12	159.74	28.06
			300	-6126.75	7.24	1683.04	1255.12	117.65	28.06
257	SECOND O IMPALC ATO	7	0	-11880.13	11.53	-19.19	23.70	-12.94	51.14
			150	-12217.63	11.53	16.35	23.70	-89.64	51.14
			300	-12555.13	11.53	51.90	23.70	-166.35	51.14
258	SECOND O IMPALC ATO	9	0	-14484.83	-1.97	-2075.68	956.78	1027.08	723.62

			150	-14934.83	-1.97	-640.51	956.78	-58.35	723.62
			300	-15384.83	-1.97	794.66	956.78	-1143.78	723.62
259	SECOND O IMPALC ATO	10	0	-14483.89	1.72	-2076.05	956.36	-1027.06	-723.66
			150	-14933.89	1.72	-641.51	956.36	58.43	-723.66
			300	-15383.89	1.72	793.03	956.36	1143.91	-723.66
260	SECOND O IMPALC ATO	12	0	-11877.95	-11.81	-16.58	21.23	12.72	-52.41
			150	-12215.45	-11.81	15.27	21.23	91.34	-52.41
			300	-12552.95	-11.81	47.11	21.23	169.97	-52.41
261	SECOND O IMPALC ATO	13	0	-5143.82	-37.15	1791.15	-1013.51	66.50	94.77
			150	-5481.32	-37.15	270.89	-1013.51	-75.66	94.77
			300	-5818.82	-37.15	-1249.37	-1013.51	-217.82	94.77
262	SECOND O IMPALC ATO	14	0	-2536.38	-52.07	566.05	-286.64	-9.09	-15.09
			150	-2873.88	-52.07	136.08	-286.64	13.54	-15.09
			300	-3211.38	-52.07	-293.88	-286.64	36.17	-15.09
263	SECOND O IMPALC ATO	15	0	-8822.40	-7.47	2982.60	-1429.50	179.64	97.52
			150	-9272.40	-7.47	838.35	-1429.50	33.35	97.52
			300	-9722.40	-7.47	-1305.90	-1429.50	-112.93	97.52
264	SECOND O IMPALC ATO	16	0	-8822.64	7.79	2981.38	-1427.22	-178.10	-96.38
			150	-9272.64	7.79	840.54	-1427.22	-33.54	-96.38
			300	-9722.64	7.79	-1300.29	-1427.22	111.03	-96.38
265	SECOND O IMPALC ATO	17	0	-2537.13	52.84	565.98	-285.43	12.01	16.90
			150	-2874.63	52.84	137.83	-285.43	-13.34	16.90
			300	-3212.13	52.84	-290.32	-285.43	-38.69	16.90
266	SECOND O IMPALC ATO	18	0	-5143.96	37.39	1793.68	-1014.46	-63.90	-93.09
			150	-5481.46	37.39	271.98	-1014.46	75.73	-93.09
			300	-5818.96	37.39	-1249.72	-1014.46	215.36	-93.09
267	SECOND O IMPALC ATO	41	0	-13555.94	4.25	2580.52	315.26	1356.22	583.04
			150	-14005.94	4.25	3053.41	315.26	481.65	583.04
			300	-14455.94	4.25	3526.31	315.26	-392.91	583.04
268	SECOND O IMPALC ATO	42	0	-13559.82	-4.37	2583.01	312.47	-1355.80	-582.99
			150	-14009.82	-4.37	3051.71	312.47	-481.31	-582.99
			300	-14459.82	-4.37	3520.42	312.47	393.18	-582.99

2.1.1.3 Pareti SLU

Tabella 3.I

Parete	Impalcato	Fili	N1-1 [daN/cm]	N2-2 [daN/cm]	N1-2 [daN/cm]	M1-1 [daNcm/cm]	M2-2 [daNcm/cm]	M1-2 [daNcm/cm]	T1-3 [daN/cm]	T2-3 [daN/cm]
1	PRIMO IMPALCA TO	19-20	13.165	-20.742	9.419	138.836	258.001	-69.720	6.189	-11.132

2	PRIMO IMPALCATO	34-19	10.850	-20.788	-6.245	-45.889	256.158	96.111	-9.737	-11.132
3	PRIMO IMPALCATO	20-21	15.168	-15.449	-2.174	62.537	266.316	77.663	-4.119	-7.163
4	PRIMO IMPALCATO	21-22	12.168	-15.345	-2.568	69.962	265.247	-75.056	-4.344	-7.176
5	PRIMO IMPALCATO	22-23	14.135	-15.364	2.104	62.689	266.488	-77.098	4.117	-7.176
6	PRIMO IMPALCATO	23-24	11.846	-20.373	-8.971	139.605	264.587	71.732	-6.253	-11.607
7	PRIMO IMPALCATO	24-39	9.349	-20.406	7.035	-41.726	263.054	-101.840	9.675	-11.607
8	PRIMO IMPALCATO	25-26	8.628	-19.843	8.548	-112.822	-230.684	75.590	-5.912	10.264
9	PRIMO IMPALCATO	35-25	8.801	-19.925	-6.800	46.944	-234.399	-101.494	9.290	10.264
10	PRIMO IMPALCATO	26-27	9.267	-16.019	-5.622	-49.123	-198.395	-57.695	3.055	5.340
11	PRIMO IMPALCATO	27-28	2.928	-15.898	4.892	-53.380	-196.784	55.622	-3.248	5.340
12	PRIMO IMPALCATO	28-29	9.489	-16.024	5.595	-48.593	-197.129	57.914	-3.045	5.302
13	PRIMO IMPALCATO	29-30	8.910	-19.893	-8.580	-113.293	-231.218	-75.164	5.909	10.285
14	PRIMO IMPALCATO	30-40	8.806	-19.965	6.723	46.550	-234.685	101.164	-9.285	10.285
15	PRIMO IMPALCATO	32-31	6.633	-20.538	-6.538	126.788	250.162	-75.957	-5.909	-9.521
16	PRIMO IMPALCATO	31-34	9.607	-20.680	5.838	-77.619	218.737	-104.503	9.207	-9.521
17	PRIMO IMPALCATO	33-32	5.442	-19.338	6.426	113.860	246.878	76.528	5.277	-9.262
18	PRIMO IMPALCATO	35-33	7.919	-19.445	-5.222	-67.623	199.641	93.502	-8.845	-9.262
19	PRIMO IMPALCATO	37-36	6.056	-19.991	-5.535	-121.750	-253.908	76.913	5.584	9.760
20	PRIMO IMPALCATO	36-39	8.683	-20.115	5.634	81.883	-202.437	103.432	-8.896	9.760
21	PRIMO IMPALCATO	38-37	4.880	-19.343	6.339	-113.666	-250.645	-77.877	-5.270	9.249
22	PRIMO IMPALCATO	40-38	7.902	-19.466	-5.323	67.946	-199.164	-93.745	8.833	9.249

2.1.1.4 Piastre SLU

Tabella 4.I

Piastra	Impalcato	Fili	N1-1 [daN/cm]	N2-2 [daN/cm]	N1-2 [daN/cm]	M1-1 [daNcm/cm]	M2-2 [daNcm/cm]	M1-2 [daNcm/cm]	T1-3 [daN/cm]	T2-3 [daN/cm]
1	PRIMO IMPALCATO	9, 41, 3, 4, 42, 10	10.252	-28.369	12.254	-1971.150	4894.648	1601.966	117.525	315.577

2.1.2 Risultati Condizioni (Carichi Permanenti - G2).

2.1.2.1 Cinematismi nodali SLU

Tabella 5.I

Cinematismi nodali						
Nodo	Vx [cm]	Vy [cm]	Vz [cm]	Rx [rad]	Ry [rad]	Rz [rad]
1	-0.0001	-0.0002	-0.0666	0.000134	0.000112	-0.000001
2	-0.0001	-0.0001	-0.0553	0.000165	-0.000006	0.000000
3	-0.0001	0.0001	-0.0759	0.000158	-0.000014	0.000000
4	0.0001	0.0001	-0.0758	0.000158	0.000014	0.000000
5	0.0001	-0.0001	-0.0553	0.000165	0.000006	0.000000
6	0.0001	-0.0002	-0.0666	0.000134	-0.000112	0.000001
7	0.0001	-0.0004	-0.0587	-0.000006	0.000146	0.000000
8	0.0000	-0.0002	-0.0260	-0.000007	0.000002	0.000000
9	0.0000	-0.0004	-0.0618	-0.000014	-0.000022	0.000000
10	0.0000	-0.0004	-0.0618	-0.000014	0.000022	0.000000
11	0.0000	-0.0002	-0.0260	-0.000007	-0.000002	0.000000
12	-0.0001	-0.0004	-0.0588	-0.000006	-0.000146	0.000000
13	-0.0001	-0.0005	-0.0644	-0.000107	0.000109	0.000000
14	0.0000	-0.0002	-0.0522	-0.000139	-0.000001	0.000000
15	0.0000	-0.0005	-0.0678	-0.000115	-0.000017	0.000000
16	0.0000	-0.0005	-0.0677	-0.000115	0.000017	0.000000
17	0.0000	-0.0002	-0.0521	-0.000139	0.000001	0.000000
18	0.0001	-0.0006	-0.0644	-0.000107	-0.000109	0.000000
19	-0.0001	0.0011	-0.0218	0.000007	0.000000	-0.000008
20	-0.0001	0.0044	-0.0215	0.000026	0.000001	-0.000004
21	0.0000	0.0066	-0.0214	0.000029	0.000000	-0.000003
22	0.0001	0.0066	-0.0213	0.000029	0.000001	0.000003
23	0.0001	0.0044	-0.0212	0.000026	0.000000	0.000004
24	0.0001	0.0011	-0.0214	0.000007	0.000000	0.000008
25	-0.0003	0.0001	-0.0208	-0.000004	-0.000002	0.000009
26	-0.0002	-0.0037	-0.0212	-0.000022	-0.000001	0.000005
27	-0.0001	-0.0063	-0.0219	-0.000031	-0.000001	0.000003
28	0.0001	-0.0063	-0.0219	-0.000031	0.000001	-0.000003
29	0.0002	-0.0037	-0.0213	-0.000022	0.000001	-0.000005
30	0.0003	0.0001	-0.0209	-0.000004	0.000002	-0.000009
31	-0.0004	0.0007	-0.0216	0.000001	0.000002	0.000007
32	-0.0040	0.0007	-0.0208	0.000001	0.000023	0.000000
33	-0.0005	0.0007	-0.0206	0.000001	0.000001	-0.000006
34	-0.0001	0.0007	-0.0221	0.000008	0.000005	0.000000
35	-0.0003	0.0007	-0.0207	-0.000006	0.000003	0.000002
36	0.0004	0.0007	-0.0211	0.000001	-0.000001	-0.000007
37	0.0040	0.0007	-0.0206	0.000000	-0.000023	0.000000
38	0.0004	0.0007	-0.0206	0.000000	-0.000001	0.000006
39	0.0001	0.0007	-0.0215	0.000008	-0.000005	0.000001
40	0.0003	0.0007	-0.0208	-0.000006	-0.000003	-0.000002
41	0.0005	0.0009	-0.0693	-0.000263	-0.000187	-0.000002
42	0.0001	0.0006	-0.0602	-0.000286	-0.000009	-0.000001
43	-0.0001	-0.0017	-0.0815	-0.000329	-0.000060	-0.000001
44	0.0000	-0.0016	-0.0814	-0.000328	0.000061	0.000001
45	-0.0001	0.0005	-0.0602	-0.000287	0.000010	0.000001
46	-0.0005	0.0008	-0.0692	-0.000265	0.000189	0.000002
47	0.0004	0.0013	-0.0647	0.000022	-0.000125	0.000000
48	0.0002	0.0008	-0.0323	0.000040	0.000013	0.000001
49	-0.0001	-0.0011	-0.0701	0.000075	-0.000081	0.000001
50	0.0000	-0.0011	-0.0700	0.000075	0.000081	-0.000001
51	-0.0002	0.0007	-0.0322	0.000042	-0.000013	-0.000001
52	-0.0005	0.0012	-0.0647	0.000023	0.000126	0.000000
53	0.0006	0.0016	-0.0668	0.000246	-0.000180	0.000001
54	0.0003	0.0010	-0.0567	0.000260	-0.000026	0.000001
55	0.0001	-0.0009	-0.0737	0.000304	0.000082	0.000000
56	-0.0001	-0.0009	-0.0736	0.000304	-0.000082	0.000000
57	-0.0003	0.0009	-0.0567	0.000258	0.000026	-0.000001
58	-0.0006	0.0014	-0.0668	0.000245	0.000180	-0.000001
59	-0.0003	0.0007	-0.0223	-0.000144	-0.000067	-0.000003
60	-0.0003	0.0005	-0.0218	-0.000145	-0.000009	-0.000002
61	0.0000	-0.0018	-0.0218	-0.000233	-0.000004	0.000001
62	0.0000	-0.0018	-0.0217	-0.000233	0.000005	-0.000001

63	0.0002	0.0004	-0.0215	-0.000147	0.000009	0.000002
64	0.0002	0.0005	-0.0218	-0.000146	0.000069	0.000003
65	0.0001	0.0018	-0.0212	0.000145	-0.000067	0.000001
66	0.0001	0.0011	-0.0215	0.000137	-0.000015	0.000003
67	0.0001	-0.0008	-0.0223	0.000205	0.000038	0.000000
68	-0.0001	-0.0008	-0.0223	0.000205	-0.000038	0.000000
69	-0.0001	0.0010	-0.0216	0.000137	0.000015	-0.000003
70	-0.0001	0.0016	-0.0213	0.000145	0.000067	-0.000001
71	0.0007	0.0012	-0.0220	-0.000063	-0.000121	-0.000003
72	0.0005	0.0010	-0.0211	-0.000010	-0.000165	-0.000002
73	0.0008	0.0008	-0.0210	0.000064	-0.000116	0.000002
74	-0.0002	0.0011	-0.0219	0.000008	0.000005	0.000000
75	0.0002	0.0009	-0.0206	-0.000007	0.000005	-0.000003
76	-0.0008	0.0011	-0.0215	-0.000068	0.000119	0.000003
77	-0.0006	0.0009	-0.0209	-0.000010	0.000166	0.000002
78	-0.0008	0.0007	-0.0210	0.000064	0.000115	-0.000002
79	0.0000	0.0010	-0.0214	0.000009	-0.000007	0.000000
80	-0.0002	0.0008	-0.0207	-0.000007	-0.000005	0.000003
81	0.0000	-0.0014	-0.1518	-0.000184	0.000015	0.000000
82	-0.0001	-0.0014	-0.1516	-0.000184	-0.000015	0.000000
83	0.0011	0.0052	-0.0706	-0.000073	0.000078	0.000005
84	0.0010	0.0077	-0.0609	0.000174	-0.000124	-0.000032
85	-0.0001	0.0328	-0.2408	0.000452	-0.000202	-0.000013
86	-0.0002	0.0328	-0.2406	0.000453	0.000203	0.000013
87	-0.0012	0.0075	-0.0609	0.000174	0.000124	0.000033
88	-0.0013	0.0049	-0.0706	-0.000073	-0.000078	-0.000005
89	-0.0008	0.0057	-0.0676	0.000016	0.000067	0.000007
90	0.0000	0.0331	-0.0730	0.000056	-0.000018	-0.000001
91	-0.0002	0.0331	-0.0729	0.000056	0.000019	0.000001
92	0.0007	0.0055	-0.0677	0.000016	-0.000067	-0.000007
93	0.0006	0.0062	-0.0681	0.000102	0.000051	-0.000031
94	0.0004	0.0269	-0.0571	0.000050	-0.000007	-0.000039
95	0.0001	0.0337	-0.0752	0.000134	-0.000033	0.000000
96	-0.0001	0.0337	-0.0751	0.000134	0.000033	0.000000
97	-0.0005	0.0268	-0.0570	0.000050	0.000007	0.000040
98	-0.0007	0.0060	-0.0681	0.000102	-0.000051	0.000031
99	0.0001	0.0328	-0.1540	0.000328	-0.000085	0.000003
100	-0.0003	0.0328	-0.1538	0.000328	0.000086	-0.000004
101	-0.0003	0.0032	-0.0219	-0.000047	0.000020	-0.000027
102	-0.0003	0.0028	-0.0217	-0.000036	-0.000002	0.000031
103	-0.0001	0.0026	-0.0217	0.000032	0.000001	-0.000011
104	-0.0001	0.0038	-0.0216	0.000033	0.000001	-0.000006
105	-0.0003	0.0060	-0.0220	0.000064	0.000000	-0.000050
106	-0.0002	0.0086	-0.0216	0.000032	0.000000	0.000001
107	-0.0004	0.0012	-0.0220	-0.000004	-0.000004	-0.000008
108	-0.0002	0.0020	-0.0215	-0.000056	0.000004	-0.000016
109	-0.0001	0.0030	-0.0214	-0.000018	-0.000001	0.000001
110	0.0000	0.0008	-0.0214	-0.000083	-0.000001	0.000031
111	-0.0001	0.0050	-0.0214	0.000030	0.000001	-0.000004
112	-0.0001	0.0055	-0.0213	0.000025	0.000000	-0.000004
113	-0.0001	0.0062	-0.0213	0.000036	0.000000	-0.000004
114	-0.0001	0.0117	-0.0215	0.000044	0.000000	-0.000003
115	-0.0001	0.0003	-0.0215	-0.000100	0.000003	-0.000028
116	0.0000	0.0020	-0.0214	-0.000040	0.000000	0.000000
117	0.0000	0.0003	-0.0215	-0.000100	-0.000003	0.000028
118	0.0000	0.0069	-0.0214	0.000038	0.000000	-0.000002
119	0.0000	0.0070	-0.0214	0.000031	0.000000	0.000000
120	0.0000	0.0069	-0.0214	0.000038	0.000000	0.000002
121	0.0000	0.0117	-0.0214	0.000044	0.000000	0.000003
122	0.0000	0.0008	-0.0213	-0.000083	0.000001	-0.000030
123	0.0000	0.0029	-0.0212	-0.000018	0.000001	0.000000
124	0.0001	0.0019	-0.0212	-0.000057	-0.000004	0.000016
125	0.0001	0.0062	-0.0212	0.000036	0.000001	0.000004
126	0.0001	0.0055	-0.0212	0.000025	0.000000	0.000004
127	0.0001	0.0050	-0.0212	0.000030	0.000000	0.000003
128	0.0001	0.0086	-0.0213	0.000032	0.000000	-0.000001
129	0.0002	0.0027	-0.0214	-0.000037	0.000003	-0.000031
130	0.0002	0.0030	-0.0215	-0.000048	-0.000020	0.000027
131	0.0001	0.0038	-0.0213	0.000032	-0.000001	0.000005
132	0.0001	0.0027	-0.0214	0.000032	0.000000	0.000011
133	0.0002	0.0060	-0.0215	0.000063	0.000000	0.000050
134	0.0004	0.0011	-0.0215	-0.000006	0.000006	0.000009

135	0.0000	-0.0007	-0.0211	0.000052	0.000017	0.000029
136	0.0001	-0.0008	-0.0212	0.000037	-0.000003	-0.000026
137	-0.0003	-0.0016	-0.0210	-0.000027	-0.000001	0.000012
138	-0.0002	-0.0030	-0.0211	-0.000027	-0.000001	0.000007
139	-0.0002	-0.0041	-0.0210	-0.000057	0.000000	0.000048
140	-0.0001	-0.0071	-0.0213	-0.000024	0.000000	0.000001
141	-0.0003	0.0005	-0.0207	0.000007	-0.000007	0.000008
142	0.0001	-0.0009	-0.0214	0.000055	0.000003	0.000023
143	0.0001	-0.0032	-0.0216	0.000015	0.000001	0.000009
144	0.0002	-0.0025	-0.0218	0.000070	-0.000013	-0.000019
145	-0.0002	-0.0044	-0.0213	-0.000027	-0.000001	0.000004
146	-0.0002	-0.0051	-0.0215	-0.000024	-0.000001	0.000005
147	-0.0002	-0.0058	-0.0217	-0.000036	-0.000001	0.000005
148	0.0000	-0.0119	-0.0220	-0.000048	0.000000	0.000004
149	0.0000	-0.0028	-0.0220	0.000083	-0.000008	0.000026
150	0.0000	-0.0043	-0.0220	0.000028	0.000000	0.000000
151	0.0000	-0.0028	-0.0220	0.000083	0.000008	-0.000026
152	-0.0001	-0.0067	-0.0219	-0.000040	0.000000	0.000002
153	0.0000	-0.0067	-0.0219	-0.000034	0.000000	0.000000
154	0.0000	-0.0067	-0.0219	-0.000040	0.000000	-0.000002
155	0.0000	-0.0119	-0.0220	-0.000048	0.000000	-0.000004
156	-0.0001	-0.0025	-0.0218	0.000069	0.000013	0.000020
157	-0.0001	-0.0032	-0.0216	0.000015	-0.000001	-0.000009
158	-0.0001	-0.0010	-0.0215	0.000055	-0.000003	-0.000023
159	0.0001	-0.0058	-0.0217	-0.000036	0.000001	-0.000005
160	0.0002	-0.0051	-0.0215	-0.000024	0.000001	-0.000005
161	0.0002	-0.0044	-0.0214	-0.000027	0.000001	-0.000004
162	0.0001	-0.0071	-0.0214	-0.000024	0.000000	-0.000001
163	0.0000	-0.0009	-0.0212	0.000037	0.000003	0.000026
164	0.0000	-0.0008	-0.0212	0.000051	-0.000017	-0.000029
165	0.0002	-0.0030	-0.0212	-0.000027	0.000001	-0.000007
166	0.0003	-0.0016	-0.0211	-0.000028	0.000001	-0.000012
167	0.0002	-0.0041	-0.0210	-0.000058	0.000000	-0.000048
168	0.0003	0.0005	-0.0208	0.000007	0.000007	-0.000008
169	-0.0013	0.0011	-0.0210	0.000004	-0.000059	-0.000021
170	-0.0028	0.0012	-0.0212	-0.000003	-0.000006	-0.000003
171	-0.0012	0.0013	-0.0215	0.000021	-0.000054	0.000028
172	-0.0038	0.0007	-0.0209	0.000001	0.000029	0.000004
173	-0.0030	0.0007	-0.0211	0.000002	0.000022	0.000008
174	-0.0018	0.0007	-0.0214	0.000002	0.000023	0.000011
175	-0.0084	0.0009	-0.0209	0.000000	0.000039	-0.000001
176	-0.0039	0.0010	-0.0218	0.000000	0.000050	0.000047
177	-0.0011	0.0008	-0.0207	-0.000018	-0.000052	-0.000026
178	-0.0025	0.0009	-0.0207	0.000004	-0.000007	0.000003
179	-0.0010	0.0010	-0.0208	0.000004	-0.000060	0.000021
180	-0.0017	0.0007	-0.0206	0.000000	0.000022	-0.000010
181	-0.0029	0.0007	-0.0206	0.000000	0.000021	-0.000008
182	-0.0038	0.0007	-0.0207	0.000001	0.000029	-0.000004
183	-0.0036	0.0007	-0.0207	0.000000	0.000047	-0.000046
184	0.0012	0.0009	-0.0208	0.000003	0.000060	0.000021
185	0.0027	0.0010	-0.0209	-0.000004	0.000007	0.000002
186	0.0011	0.0011	-0.0211	0.000021	0.000054	-0.000028
187	0.0038	0.0007	-0.0207	0.000001	-0.000029	-0.000004
188	0.0030	0.0007	-0.0208	0.000001	-0.000021	-0.000008
189	0.0018	0.0007	-0.0210	0.000002	-0.000023	-0.000011
190	0.0084	0.0008	-0.0207	0.000000	-0.000039	0.000000
191	0.0037	0.0010	-0.0213	0.000000	-0.000049	-0.000047
192	0.0010	0.0007	-0.0207	-0.000019	0.000052	0.000026
193	0.0025	0.0007	-0.0206	0.000003	0.000007	-0.000003
194	0.0010	0.0008	-0.0206	0.000003	0.000060	-0.000021
195	0.0017	0.0007	-0.0206	-0.000001	-0.000022	0.000011
196	0.0029	0.0007	-0.0205	0.000000	-0.000021	0.000008
197	0.0038	0.0007	-0.0205	0.000000	-0.000029	0.000005
198	0.0036	0.0006	-0.0208	0.000000	-0.000047	0.000046
199	0.0000	-0.0012	-0.0964	0.000461	-0.000129	0.000000
200	0.0000	-0.0013	-0.1334	0.000364	-0.000048	0.000000
201	0.0000	-0.0013	-0.1549	0.000114	0.000005	0.000000
202	0.0000	-0.0015	-0.1201	-0.000537	-0.000073	0.000000
203	-0.0001	-0.0014	-0.0982	-0.000394	-0.000269	-0.000002
204	-0.0001	-0.0014	-0.1180	-0.000278	-0.000163	0.000000
205	0.0000	-0.0013	-0.1254	-0.000240	0.000000	0.000000
206	0.0000	-0.0014	-0.1180	-0.000279	0.000163	0.000000

207	0.0000	-0.0014	-0.0982	-0.000394	0.000270	0.000002
208	-0.0001	-0.0015	-0.1200	-0.000537	0.000073	0.000000
209	-0.0001	-0.0013	-0.1547	0.000114	-0.000004	0.000000
210	-0.0001	-0.0013	-0.1332	0.000363	0.000048	0.000000
211	-0.0001	-0.0012	-0.0962	0.000460	0.000129	0.000000
212	0.0000	-0.0013	-0.0816	0.000298	0.000169	-0.000002
213	0.0000	-0.0013	-0.0940	0.000296	0.000107	0.000000
214	0.0000	-0.0013	-0.0989	0.000292	0.000000	0.000000
215	-0.0001	-0.0013	-0.0941	0.000297	-0.000107	0.000000
216	-0.0001	-0.0013	-0.0817	0.000299	-0.000168	0.000002
217	-0.0002	0.0059	-0.0217	-0.000005	0.000000	-0.000036
218	-0.0002	0.0062	-0.0218	0.000011	0.000000	0.000041
219	-0.0001	0.0083	-0.0214	-0.000012	0.000000	-0.000040
220	-0.0001	0.0056	-0.0214	-0.000020	0.000000	0.000000
221	-0.0001	0.0070	-0.0214	-0.000007	0.000000	0.000019
222	0.0000	0.0092	-0.0214	-0.000014	0.000000	-0.000038
223	0.0000	0.0069	-0.0214	-0.000029	0.000000	0.000000
224	0.0000	0.0092	-0.0215	-0.000014	0.000000	0.000038
225	0.0001	0.0069	-0.0212	-0.000007	0.000000	-0.000019
226	0.0001	0.0056	-0.0212	-0.000020	0.000000	0.000000
227	0.0001	0.0083	-0.0213	-0.000012	0.000000	0.000040
228	0.0001	0.0062	-0.0214	0.000010	0.000000	-0.000041
229	0.0001	0.0059	-0.0213	-0.000005	0.000000	0.000036
230	-0.0001	-0.0043	-0.0212	0.000009	0.000000	0.000035
231	-0.0001	-0.0044	-0.0211	-0.000006	0.000000	-0.000037
232	-0.0001	-0.0085	-0.0218	0.000006	0.000000	0.000040
233	0.0000	-0.0054	-0.0215	0.000017	0.000000	0.000005
234	0.0000	-0.0060	-0.0214	0.000009	0.000000	-0.000014
235	0.0000	-0.0097	-0.0220	0.000005	0.000000	0.000034
236	0.0000	-0.0076	-0.0220	0.000019	0.000000	0.000000
237	0.0000	-0.0097	-0.0220	0.000005	0.000000	-0.000034
238	0.0000	-0.0060	-0.0214	0.000009	0.000000	0.000014
239	0.0000	-0.0054	-0.0216	0.000017	0.000000	-0.000004
240	0.0000	-0.0085	-0.0218	0.000006	0.000000	-0.000040
241	0.0001	-0.0045	-0.0211	-0.000006	0.000000	0.000037
242	0.0001	-0.0043	-0.0212	0.000009	0.000000	-0.000034
243	-0.0048	0.0009	-0.0215	0.000000	0.000012	-0.000027
244	-0.0037	0.0009	-0.0212	0.000000	-0.000009	0.000008
245	-0.0062	0.0009	-0.0210	0.000000	-0.000002	0.000031
246	-0.0060	0.0008	-0.0207	0.000000	-0.000003	-0.000032
247	-0.0035	0.0008	-0.0207	0.000000	-0.000009	-0.000008
248	-0.0046	0.0008	-0.0207	0.000000	0.000011	0.000025
249	0.0047	0.0009	-0.0211	0.000000	-0.000011	0.000026
250	0.0036	0.0009	-0.0208	0.000000	0.000009	-0.000008
251	0.0061	0.0009	-0.0207	0.000000	0.000002	-0.000031
252	0.0060	0.0008	-0.0206	0.000000	0.000003	0.000032
253	0.0035	0.0008	-0.0206	0.000000	0.000010	0.000008
254	0.0045	0.0007	-0.0207	0.000000	-0.000011	-0.000025
255	-0.0001	-0.0013	-0.1087	0.000342	0.000153	0.000000
256	-0.0001	-0.0013	-0.1368	0.000304	0.000060	0.000000
257	-0.0001	-0.0013	-0.1544	0.000104	0.000007	0.000000
258	-0.0001	-0.0014	-0.1517	-0.000170	0.000008	0.000000
259	-0.0001	-0.0014	-0.1295	-0.000350	0.000124	0.000000
260	0.0000	-0.0014	-0.1396	-0.000228	0.000099	0.000000
261	0.0000	-0.0013	-0.1439	-0.000195	0.000000	0.000000
262	0.0000	-0.0014	-0.1394	-0.000230	-0.000100	0.000000
263	0.0000	-0.0014	-0.1291	-0.000352	-0.000126	0.000000
264	0.0000	-0.0013	-0.1195	0.000291	0.000089	0.000000
265	-0.0001	-0.0013	-0.1419	0.000228	0.000052	0.000000
266	-0.0001	-0.0013	-0.1552	0.000077	0.000015	0.000000
267	-0.0001	-0.0014	-0.1539	-0.000105	0.000038	0.000000
268	0.0000	-0.0013	-0.1556	-0.000080	0.000001	0.000000
269	0.0000	-0.0014	-0.1538	-0.000108	-0.000038	0.000000
270	0.0000	-0.0014	-0.1515	-0.000177	-0.000009	0.000000
271	0.0000	-0.0013	-0.1235	0.000278	0.000000	0.000000
272	0.0000	-0.0013	-0.1443	0.000201	0.000000	0.000000
273	0.0000	-0.0013	-0.1559	0.000069	0.000000	0.000000
274	0.0000	-0.0013	-0.1554	0.000074	-0.000014	0.000000
275	0.0000	-0.0013	-0.1548	0.000098	-0.000006	0.000000
276	0.0000	-0.0013	-0.1197	0.000291	-0.000088	0.000000
277	0.0000	-0.0013	-0.1422	0.000227	-0.000051	0.000000
278	0.0000	-0.0013	-0.1374	0.000302	-0.000058	0.000000

279	0.0000	-0.0013	-0.1091	0.000343	-0.000152	0.000000
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2.1.2.2 Sollecitazioni SLU

Tabella 6.I

Asta	Imp.	Fili	Sollecitazioni						
			X [cm]	N [daN]	Mt [daNm]	Mxz [daNm]	Txz [daN]	Mxy [daNm]	Txy [daN]
1	FONDAZIONE	1, 2	0	89.95	149.30	-67.12	-1632.92	1.22	-4.47
			218	86.69	149.56	-1257.57	382.72	4.32	1.15
			435	83.93	149.86	1441.20	2147.19	-2.19	4.56
2	FONDAZIONE	7, 1	0	380.79	-146.03	2402.06	-2612.78	-0.57	0.06
			260	367.69	-145.72	-1429.42	-490.71	-2.54	1.04
			520	357.64	-145.45	-173.67	1685.79	-3.39	-1.02
3	FONDAZIONE	2, 3	0	47.39	-28.38	1343.92	-2083.10	-5.95	-3.63
			268	44.60	-28.00	-1160.56	204.94	0.75	-1.95
			535	42.20	-27.64	3268.93	3370.32	7.66	-3.73
4	FONDAZIONE	8, 2	0	167.10	-28.08	1093.74	-1639.89	-2.37	-0.38
			260	161.93	-28.08	-1406.26	-314.92	-1.76	-0.32
			520	158.10	-28.08	206.51	1923.23	0.91	-2.11
5	FONDAZIONE	3, 4	0	253.54	-1.05	3092.14	-3464.17	5.88	3.47
			265	252.49	-0.69	-1316.57	-1.00	1.19	-0.01
			530	253.63	-0.33	3082.92	3457.98	5.91	-3.46
6	FONDAZIONE	9, 3	0	979.71	32.73	2361.89	-2787.36	1.62	2.20
			260	970.68	32.69	-1678.99	-475.62	-2.20	0.78
			520	969.71	32.65	63.48	2119.30	-2.34	-0.80
7	FONDAZIONE	4, 5	0	42.74	28.56	3258.66	-3362.87	7.53	3.63
			268	45.23	28.92	-1159.53	-203.15	0.77	1.93
			535	48.12	29.30	1347.89	2084.12	-6.02	3.73
8	FONDAZIONE	10, 4	0	978.43	-32.75	2356.41	-2781.37	-1.44	-2.12
			260	969.37	-32.70	-1676.19	-474.98	2.23	-0.73
			520	968.35	-32.67	61.30	2114.40	2.19	0.91
9	FONDAZIONE	5, 6	0	86.01	-150.20	1443.35	-2148.04	-2.43	-4.76
			218	88.86	-149.91	-1257.12	-383.58	4.39	-1.23
			435	92.22	-149.64	-69.88	1630.61	1.35	4.50
10	FONDAZIONE	11, 5	0	169.11	28.38	1091.03	-1638.34	2.54	0.46
			260	163.79	28.38	-1406.51	-314.53	1.76	0.38
			520	159.82	28.38	206.80	1923.45	-1.15	2.24
11	FONDAZIONE	12, 6	0	386.13	146.96	2404.11	-2615.07	0.73	0.00
			260	372.80	146.66	-1430.09	-491.20	2.57	-0.99
			520	362.56	146.39	-177.08	1683.72	3.19	1.16
12	FONDAZIONE	7, 8	0	-107.77	-12.49	638.98	-2178.91	-31.04	-22.08
			215	-106.43	-12.50	-1347.13	63.12	4.52	-11.72
			430	-105.69	-12.51	229.92	1354.12	22.59	-5.64
13	FONDAZIONE	13, 7	0	303.32	171.36	-187.64	-1564.70	32.38	13.98
			240	286.79	171.60	-1245.39	526.48	1.04	12.45
			480	272.29	171.88	2395.54	2608.48	-30.07	13.87
14	FONDAZIONE	8, 9	0	-117.77	-26.94	270.39	-1289.27	14.26	0.19
			270	-117.56	-26.96	-1103.92	362.60	5.03	7.14
			540	-118.40	-26.99	3712.20	3570.21	-28.92	18.84
15	FONDAZIONE	14, 8	0	144.11	8.79	292.62	-1835.57	11.39	5.04
			245	137.08	8.79	-1243.81	292.96	0.19	4.23
			490	131.06	8.79	1124.48	1641.01	-10.39	4.54
16	FONDAZIONE	9, 10	0	182.23	-0.03	3394.00	-3730.70	-11.77	-12.98

			265	181.42	-0.06	-1366.88	-0.79	5.25	0.00
			530	182.18	-0.10	3386.49	3725.54	-11.76	12.99
17	FONDAZ IONE	15, 9	0	400.92	-19.00	-241.40	-1669.14	-20.12	-7.37
			240	384.80	-19.04	-1319.73	607.10	-3.18	-6.78
			480	371.39	-19.08	2751.16	2891.70	13.70	-7.54
18	FONDAZ IONE	10, 11	0	-118.57	26.75	3704.18	-3563.99	-28.83	-18.85
			270	-117.78	26.72	-1102.94	-361.66	5.09	-7.09
			540	-118.05	26.70	270.56	1288.09	14.03	-0.01
19	FONDAZ IONE	16, 10	0	399.76	19.03	-241.21	-1666.32	20.01	7.35
			240	383.63	19.07	-1317.48	606.11	3.17	6.72
			480	370.20	19.11	2745.76	2885.98	-13.49	7.43
20	FONDAZ IONE	11, 12	0	-105.14	12.04	228.41	-1353.54	22.52	5.50
			215	-105.92	12.03	-1347.96	-62.81	4.58	11.73
			430	-107.30	12.02	640.34	2181.02	-31.21	22.28
21	FONDAZ IONE	17, 11	0	143.17	-8.88	291.23	-1832.46	-11.62	-5.11
			245	136.00	-8.88	-1241.80	293.17	-0.20	-4.34
			490	129.83	-8.88	1125.78	1640.25	10.70	-4.70
22	FONDAZ IONE	18, 12	0	304.36	-171.37	-189.49	-1564.50	-32.59	-14.04
			240	287.59	-171.61	-1245.41	528.06	-1.05	-12.55
			480	272.84	-171.89	2403.07	2613.34	30.37	-14.02
23	FONDAZ IONE	13, 14	0	68.00	-152.27	-89.87	-1522.14	-36.12	-26.79
			218	66.74	-152.49	-1171.26	375.24	6.36	-13.18
			435	65.86	-152.73	1364.12	1993.51	25.35	-4.95
24	FONDAZ IONE	14, 15	0	59.29	98.09	1271.54	-1882.50	18.20	-1.03
			265	58.61	97.79	-1020.52	131.30	9.48	8.23
			530	58.44	97.51	2563.96	2788.63	-31.68	24.15
25	FONDAZ IONE	15, 16	0	-11.82	0.77	2757.08	-2996.95	-24.33	-20.20
			270	-11.79	0.51	-1125.40	-0.52	3.00	-0.01
			540	-11.87	0.24	2751.61	2993.06	-24.29	20.19
26	FONDAZ IONE	16, 17	0	57.96	-97.12	2559.04	-2783.79	-31.50	-24.11
			265	58.08	-97.39	-1019.05	-131.21	9.54	-8.16
			530	58.71	-97.69	1267.08	1877.79	17.95	1.21
27	FONDAZ IONE	17, 18	0	65.42	151.77	1359.36	-1989.50	25.42	4.89
			218	66.25	151.52	-1171.19	-374.43	6.42	13.26
			435	67.46	151.31	-89.16	1522.35	-36.43	27.07
28	FONDAZ IONE	19, 20	0	145.66	230.74	69.78	-261.03	-286.77	-282.43
			72	144.88	230.75	-25.13	-4.46	-80.88	-293.05
			143	144.20	230.77	63.51	251.40	134.70	-309.63
29	FONDAZ IONE	19, 20	0	141.04	3.06	63.59	-257.55	157.12	45.23
			72	140.44	3.08	-29.43	-2.67	132.40	22.90
			143	139.93	3.10	59.72	251.09	125.33	-3.78
30	FONDAZ IONE	19, 20	0	52.41	-58.64	59.80	-253.67	125.68	144.24
			72	51.96	-58.62	-31.27	-1.02	32.80	114.55
			143	51.54	-58.60	58.27	250.58	-37.99	82.65
31	FONDAZ IONE	34, 19	0	-26.92	-8.87	-29.91	-181.18	-10.57	259.17
			70	-27.69	-8.87	-68.06	71.18	-190.22	254.04
			140	-28.49	-8.86	69.76	322.17	-365.93	247.57
32	FONDAZ IONE	20, 21	0	-19.20	39.75	58.34	-251.58	-44.72	-58.78
			71	-19.62	39.77	-31.96	-2.39	9.09	-92.68
			143	-20.04	39.78	54.90	245.95	87.89	-128.89
33	FONDAZ IONE	20, 21	0	-72.65	-50.05	54.95	-249.44	38.42	111.97
			71	-73.10	-50.03	-34.37	-1.72	-27.87	73.80
			143	-73.59	-50.01	52.60	245.65	-66.30	33.73
34	FONDAZ IONE	20, 21	0	-4.63	101.37	52.60	-242.51	-53.82	-62.16
			71	-5.15	101.38	-31.93	4.86	5.42	-104.56

			143	-5.68	101.40	59.81	252.51	95.80	-149.55
35	FONDAZ IONE	20, 21	0	136.43	-68.10	59.78	-250.46	160.63	218.24
			71	135.95	-68.08	-30.21	-2.47	21.80	171.20
			143	135.55	-68.06	56.52	245.86	-83.03	122.84
36	FONDAZ IONE	21, 22	0	197.81	98.55	56.49	-227.15	-88.25	-165.84
			63	197.54	98.56	-17.24	-8.95	28.98	-209.53
			125	197.36	98.58	45.38	209.25	173.95	-254.57
37	FONDAZ IONE	21, 22	0	174.12	-71.24	45.39	-218.65	117.28	136.76
			63	174.03	-71.22	-23.08	-0.58	46.10	90.94
			125	174.02	-71.21	44.66	217.36	3.64	44.93
38	FONDAZ IONE	21, 22	0	176.74	70.82	44.67	-217.23	3.58	-44.74
			63	176.81	70.84	-23.02	0.60	45.92	-90.75
			125	176.96	70.86	45.36	218.35	116.98	-136.57
39	FONDAZ IONE	21, 22	0	205.89	-98.79	45.37	-208.71	173.52	254.43
			63	206.13	-98.77	-17.09	8.95	28.64	209.38
			125	206.47	-98.76	56.39	226.39	-88.49	165.67
40	FONDAZ IONE	22, 23	0	150.41	67.64	56.45	-244.71	-83.36	-122.59
			71	150.89	67.66	-29.87	2.48	21.30	-170.98
			143	151.47	67.68	59.61	249.02	159.98	-218.06
41	FONDAZ IONE	22, 23	0	15.80	-101.62	59.67	-250.72	95.11	149.54
			71	16.43	-101.60	-31.42	-4.83	4.76	104.49
			143	17.07	-101.59	52.39	240.45	-54.39	61.99
42	FONDAZ IONE	22, 23	0	-46.53	50.10	52.42	-243.18	-66.74	-34.10
			71	-45.90	50.12	-33.68	1.75	-28.00	-74.29
			143	-45.30	50.13	54.65	246.64	38.69	-112.63
43	FONDAZ IONE	22, 23	0	10.13	-40.39	54.63	-242.76	88.43	129.65
			71	10.72	-40.37	-31.11	2.36	9.16	93.23
			143	11.32	-40.35	57.85	247.89	-44.97	59.09
44	FONDAZ IONE	23, 24	0	81.06	58.60	57.82	-246.42	-38.14	-83.14
			72	81.69	58.62	-30.23	1.04	33.10	-115.32
			143	82.37	58.64	59.17	249.05	126.65	-145.33
45	FONDAZ IONE	23, 24	0	164.85	-3.25	59.13	-246.60	126.36	3.65
			72	165.61	-3.23	-28.67	2.00	133.65	-23.38
			143	166.46	-3.21	61.80	251.15	158.84	-46.07
46	FONDAZ IONE	23, 24	0	160.75	-231.51	61.77	-242.44	136.84	310.53
			72	161.70	-231.49	-22.73	7.14	-79.25	293.58
			143	162.76	-231.48	71.63	256.84	-285.39	282.62
47	FONDAZ IONE	24, 39	0	-8.33	9.56	71.67	-327.97	-364.46	-248.24
			70	-7.25	9.56	-72.82	-84.40	-188.18	-255.02
			140	-6.18	9.56	-46.78	159.92	-7.75	-260.40
48	FONDAZ IONE	25, 26	0	191.39	-215.45	70.83	-249.62	273.02	286.45
			72	189.19	-215.46	-21.00	-7.69	67.29	288.72
			143	187.09	-215.47	61.01	235.68	-142.42	297.71
49	FONDAZ IONE	25, 26	0	207.38	3.09	60.93	-246.30	-162.38	-43.38
			72	205.41	3.07	-27.63	-1.85	-136.46	-28.00
			143	203.56	3.06	59.26	243.53	-123.42	-7.68
50	FONDAZ IONE	25, 26	0	138.77	47.01	59.19	-247.22	-120.62	-128.56
			72	137.03	47.00	-29.42	-0.99	-36.87	-104.66
			143	135.37	46.98	58.66	246.09	28.74	-77.98
51	FONDAZ IONE	35, 25	0	9.13	17.46	-51.37	-146.96	31.76	-227.10
			70	6.91	17.46	-71.97	86.61	192.49	-231.89
			140	4.70	17.46	71.00	321.02	355.91	-234.45
52	FONDAZ IONE	26, 27	0	91.40	-48.55	58.59	-248.61	36.29	52.45
			71	89.82	-48.57	-30.44	-2.13	-11.31	81.64
			143	88.29	-48.58	56.39	245.23	-80.70	113.58

53	FONDAZ IONE	26, 27	0	70.22	26.59	56.31	-249.42	-37.53	-102.23
			71	68.75	26.58	-32.67	-1.08	23.21	-67.89
			143	67.31	26.56	55.63	248.44	58.67	-31.23
54	FONDAZ IONE	26, 27	0	172.93	-111.99	55.53	-245.42	43.11	56.30
			71	171.57	-112.01	-29.74	5.47	-10.85	95.66
			143	170.31	-112.03	64.21	257.86	-93.88	137.88
55	FONDAZ IONE	26, 27	0	327.19	48.45	64.10	-256.47	-155.99	-201.52
			71	326.08	48.43	-28.06	-2.72	-28.16	-156.98
			143	325.17	48.41	60.91	252.22	67.36	-110.90
56	FONDAZ IONE	27, 28	0	382.59	-98.31	60.83	-234.28	71.99	149.39
			63	381.96	-98.33	-15.32	-9.74	-34.36	191.20
			125	381.52	-98.35	48.95	215.19	-167.29	234.38
57	FONDAZ IONE	27, 28	0	340.29	63.21	48.94	-226.18	-115.41	-128.65
			63	340.01	63.19	-22.02	-1.10	-48.73	-84.67
			125	339.89	63.17	47.65	224.04	-9.61	-40.48
58	FONDAZ IONE	27, 28	0	338.80	-63.00	47.65	-224.10	-9.52	40.13
			63	338.83	-63.02	-22.04	1.05	-48.41	84.31
			125	339.03	-63.04	48.91	226.16	-114.86	128.26
59	FONDAZ IONE	27, 28	0	378.37	98.01	48.92	-215.29	-166.60	-234.05
			63	378.73	97.99	-15.38	9.70	-33.87	-190.91
			125	379.27	97.97	60.79	234.34	72.32	-149.16
60	FONDAZ IONE	28, 29	0	320.49	-48.68	60.87	-252.40	67.71	110.73
			71	321.30	-48.70	-28.15	2.69	-27.66	156.74
			143	322.31	-48.72	64.08	256.65	-155.29	201.19
61	FONDAZ IONE	28, 29	0	164.66	111.29	64.18	-258.13	-93.39	-137.55
			71	165.81	111.27	-29.85	-5.49	-10.57	-95.41
			143	167.07	111.25	55.53	245.72	43.25	-56.14
62	FONDAZ IONE	28, 29	0	61.19	-27.10	55.63	-248.84	58.62	31.23
			71	62.51	-27.12	-32.80	1.05	23.19	67.81
			143	63.87	-27.13	56.34	249.84	-37.47	102.08
63	FONDAZ IONE	28, 29	0	81.92	47.90	56.41	-245.77	-80.67	-113.29
			71	83.33	47.89	-30.59	2.10	-11.47	-81.42
			143	84.78	47.87	58.65	249.18	36.00	-52.29
64	FONDAZ IONE	29, 30	0	129.29	-47.53	58.71	-246.79	28.45	77.96
			72	130.82	-47.54	-29.60	0.97	-37.12	104.57
			143	132.43	-47.56	59.30	247.99	-120.79	128.41
65	FONDAZ IONE	29, 30	0	198.52	-3.65	59.36	-244.40	-123.70	7.70
			72	200.23	-3.67	-27.82	1.86	-136.73	27.96
			143	202.06	-3.68	61.11	247.29	-162.61	43.28
66	FONDAZ IONE	29, 30	0	183.94	215.16	61.19	-236.83	-142.65	-297.89
			72	185.89	215.14	-21.23	7.64	67.22	-288.97
			143	187.96	215.14	71.02	250.77	273.15	-286.79
67	FONDAZ IONE	30, 40	0	4.17	-17.55	71.17	-322.05	356.29	234.02
			70	6.24	-17.55	-72.05	-86.35	193.20	231.38
			140	8.32	-17.56	-50.74	148.63	32.87	226.49
68	FONDAZ IONE	32, 31	0	-83.09	62.75	45.24	-218.57	33.84	-115.55
			65	-78.26	62.76	-26.72	0.22	117.83	-142.84
			130	-73.47	62.78	43.82	220.01	219.42	-169.57
69	FONDAZ IONE	32, 31	0	-88.23	-73.62	43.72	-219.41	171.57	110.12
			65	-83.48	-73.60	-28.09	1.54	108.24	85.18
			130	-78.77	-73.59	44.12	223.85	60.21	63.16
70	FONDAZ IONE	32, 31	0	-31.97	13.98	43.99	-220.78	51.74	-26.37
			65	-27.29	14.00	-27.77	3.09	75.08	-44.80
			130	-22.63	14.01	46.51	228.71	109.09	-59.09
71	FONDAZ	32, 31	0	8.15	-217.72	46.35	-208.44	100.91	322.31

	IONE								
			65	12.81	-217.71	-16.22	19.05	-105.22	312.79
			130	17.48	-217.71	69.62	248.26	-306.73	307.97
72	FONDAZ IONE	31, 34	0	-85.53	30.15	69.53	-343.92	-363.62	-242.31
			70	-80.52	30.15	-85.42	-95.76	-193.24	-244.13
			140	-75.56	30.15	-65.88	155.36	-22.06	-244.92
73	FONDAZ IONE	33, 32	0	27.74	212.20	65.57	-230.60	-312.43	-296.42
			65	32.72	212.21	-15.17	-14.76	-118.39	-301.27
			130	37.71	212.22	44.41	201.19	80.17	-310.48
74	FONDAZ IONE	33, 32	0	-13.50	-7.93	44.42	-215.49	90.35	52.95
			65	-8.51	-7.91	-26.46	0.41	60.17	39.16
			130	-3.51	-7.90	42.97	216.37	40.31	21.29
75	FONDAZ IONE	33, 32	0	-72.11	78.30	42.95	-214.39	51.59	-66.24
			65	-67.13	78.32	-27.14	1.80	101.44	-87.74
			130	-62.19	78.33	43.39	218.39	166.30	-112.25
76	FONDAZ IONE	33, 32	0	-76.38	-58.32	43.34	-214.28	215.94	167.74
			65	-71.47	-58.30	-26.36	2.90	115.44	141.28
			130	-66.60	-58.29	45.31	220.83	32.43	114.09
77	FONDAZ IONE	35, 33	0	-51.55	-25.18	-65.38	-137.33	-45.60	235.34
			70	-46.16	-25.18	-81.00	95.23	-209.65	233.47
			140	-40.80	-25.18	65.64	326.99	-372.37	231.16
78	FONDAZ IONE	37, 36	0	-63.80	-62.21	45.00	-215.78	-33.99	115.95
			65	-58.82	-62.22	-26.07	0.18	-118.24	143.24
			130	-53.87	-62.24	43.37	216.68	-220.09	169.96
79	FONDAZ IONE	37, 36	0	-71.42	75.12	43.31	-215.72	-171.73	-110.92
			65	-66.49	75.11	-27.34	1.46	-107.87	-86.00
			130	-61.60	75.10	43.44	219.52	-59.30	-64.01
80	FONDAZ IONE	37, 36	0	-21.76	-11.95	43.34	-216.59	-49.89	24.62
			65	-16.90	-11.97	-27.24	2.53	-72.08	43.01
			130	-12.04	-11.98	44.95	222.88	-104.91	57.28
81	FONDAZ IONE	37, 36	0	11.00	215.63	44.83	-201.05	-95.99	-318.66
			65	15.86	215.62	-14.82	20.68	107.76	-309.13
			130	20.73	215.62	70.03	243.60	306.87	-304.21
82	FONDAZ IONE	36, 39	0	-77.77	-33.22	69.99	-344.88	363.02	242.73
			70	-72.55	-33.22	-88.23	-104.12	192.29	244.73
			140	-67.37	-33.22	-77.35	139.01	20.60	245.77
83	FONDAZ IONE	38, 37	0	34.70	-211.62	65.83	-231.06	312.88	296.75
			65	39.77	-211.63	-15.08	-14.84	118.65	301.50
			130	44.86	-211.64	44.44	201.11	-80.03	310.64
84	FONDAZ IONE	38, 37	0	-2.00	8.27	44.48	-215.09	-90.29	-52.58
			65	3.10	8.25	-26.27	0.43	-60.34	-38.84
			130	8.20	8.24	42.92	215.62	-40.67	-21.00
85	FONDAZ IONE	38, 37	0	-56.33	-78.21	42.94	-213.23	-52.13	66.77
			65	-51.24	-78.22	-26.77	1.80	-102.32	88.26
			130	-46.17	-78.24	43.25	216.84	-167.52	112.78
86	FONDAZ IONE	38, 37	0	-57.65	59.27	43.24	-212.34	-217.33	-168.55
			65	-52.61	59.25	-25.84	2.87	-116.31	-142.08
			130	-47.60	59.24	45.03	218.41	-32.77	-114.88
87	FONDAZ IONE	40, 38	0	-48.91	25.79	-65.36	-138.32	46.84	-234.69
			70	-43.42	25.78	-81.24	95.48	210.48	-232.96
			140	-37.96	25.78	65.86	328.06	372.89	-230.78
88	PRIMO IMPALC ATO	1, 2	0	-291.47	-9.32	-506.91	1055.43	16.18	6.92
			215	-291.47	-9.32	491.33	-126.83	1.30	6.92
			430	-291.47	-9.32	-1052.30	-1309.10	-13.59	6.92
89	PRIMO	7, 1	0	-346.14	92.70	-2606.00	2880.75	16.25	8.64

	IMPALC ATO								
			260	-346.14	-37.30	1322.11	140.87	-6.22	8.64
			520	-346.14	-167.30	-1873.47	-2599.01	-28.68	8.64
90	PRIMO IMPALC ATO	1, 19	0	-502.04	257.04	499.39	-597.61	-125.05	-153.51
			78	-502.04	218.11	-144.76	-1056.99	-5.52	-153.51
			156	-502.04	179.18	-1146.60	-1516.38	114.01	-153.51
91	PRIMO IMPALC ATO	31, 1	0	-409.72	-214.15	-955.07	1153.53	82.98	103.74
			78	-409.72	-214.15	-81.17	1091.24	2.20	103.74
			156	-409.72	-214.15	744.24	1028.95	-78.57	103.74
92	PRIMO IMPALC ATO	2, 3	0	-54.31	-13.43	-1323.79	1454.50	23.35	8.52
			270	-54.31	-13.43	639.20	-0.68	0.35	8.52
			540	-54.31	-13.43	-1327.45	-1455.85	-22.65	8.52
93	PRIMO IMPALC ATO	8, 2	0	-231.47	-13.70	-2541.44	2725.06	-3.79	0.19
			260	-231.47	-13.70	1251.58	192.66	-4.28	0.19
			520	-231.47	-13.70	-1539.63	-2339.74	-4.78	0.19
94	PRIMO IMPALC ATO	2, 20	0	-218.65	-25.83	-120.91	377.01	-32.58	-26.87
			78	-218.65	-25.83	-122.60	-381.36	-11.66	-26.87
			156	-218.65	-25.83	-714.78	-1139.74	9.27	-26.87
95	PRIMO IMPALC ATO	3, 4	0	-22.49	-128.28	-693.31	852.11	-36.73	-65.28
			44	-22.49	-128.28	-370.00	611.93	-7.90	-65.28
			88	-22.49	-128.28	-152.77	371.76	20.93	-65.28
96	PRIMO IMPALC ATO	3, 4	0	73.55	226.94	78.47	430.08	20.84	24.76
			44	73.55	226.94	215.38	189.90	9.90	24.76
			88	73.55	226.94	246.22	-50.28	-1.03	24.76
97	PRIMO IMPALC ATO	3, 4	0	85.08	75.05	234.65	313.68	-1.04	-4.15
			44	85.08	75.05	320.16	73.50	0.79	-4.15
			88	85.08	75.05	299.58	-166.68	2.63	-4.15
98	PRIMO IMPALC ATO	3, 4	0	84.90	-75.89	299.45	167.45	2.63	4.14
			44	84.90	-75.89	320.37	-72.73	0.80	4.14
			88	84.90	-75.89	235.20	-312.91	-1.02	4.14
99	PRIMO IMPALC ATO	3, 4	0	73.21	-226.60	245.74	50.42	-1.02	-24.61
			44	73.21	-226.60	214.97	-189.76	9.85	-24.61
			88	73.21	-226.60	78.12	-429.93	20.72	-24.61
100	PRIMO IMPALC ATO	3, 4	0	-22.41	129.66	-153.21	-370.96	20.81	64.56
			44	-22.41	129.66	-370.09	-611.14	-7.71	64.56
			88	-22.41	129.66	-693.05	-851.32	-36.22	64.56
101	PRIMO IMPALC ATO	3, 21	0	-372.57	122.88	366.74	-13.70	20.72	9.32
			83	-372.57	122.88	-11.07	-898.44	13.00	9.32
			166	-372.57	122.88	-1121.79	-1783.17	5.28	9.32
102	PRIMO IMPALC ATO	41, 3	0	-602.78	-336.41	1391.73	-528.84	4.96	25.59
			41	-602.78	-336.41	1082.74	-969.31	-5.59	25.59
			83	-602.78	-336.41	592.05	-1409.77	-16.15	25.59
103	PRIMO IMPALC ATO	41, 3	0	-764.51	46.69	-62.30	-1063.95	-16.16	-28.33
			41	-764.51	46.69	-592.02	-1504.41	-4.48	-28.33
			83	-764.51	46.69	-1303.44	-1944.88	7.21	-28.33

104	PRIMO IMPALC ATO	4, 5	0	-57.39	12.83	-1328.41	1456.21	-21.83	-8.20
			270	-57.39	12.83	639.21	1.04	0.32	-8.20
			540	-57.39	12.83	-1322.81	-1454.14	22.48	-8.20
105	PRIMO IMPALC ATO	4, 22	0	-372.69	-122.87	369.81	-21.45	-19.48	-8.54
			83	-372.69	-122.87	-11.67	-899.56	-12.41	-8.54
			166	-372.69	-122.87	-1120.58	-1777.66	-5.33	-8.54
106	PRIMO IMPALC ATO	42, 4	0	-602.29	334.96	1391.55	-529.00	-5.11	-25.63
			41	-602.29	334.96	1082.83	-967.82	5.46	-25.63
			83	-602.29	334.96	593.10	-1406.63	16.03	-25.63
107	PRIMO IMPALC ATO	42, 4	0	-764.51	-46.85	-65.93	-1056.77	16.05	26.32
			41	-764.51	-46.85	-592.35	-1495.59	5.19	26.32
			83	-764.51	-46.85	-1299.78	-1934.40	-5.67	26.32
108	PRIMO IMPALC ATO	5, 6	0	-292.69	8.94	-1053.89	1310.11	-12.38	-6.31
			215	-292.69	8.94	491.92	127.85	1.19	-6.31
			430	-292.69	8.94	-504.14	-1054.42	14.77	-6.31
109	PRIMO IMPALC ATO	11, 5	0	-234.04	13.90	-2543.67	2730.00	3.58	-0.26
			260	-234.04	13.90	1255.46	192.40	4.26	-0.26
			520	-234.04	13.90	-1543.18	-2345.20	4.94	-0.26
110	PRIMO IMPALC ATO	5, 23	0	-220.48	26.16	-118.13	374.04	30.51	24.77
			78	-220.48	26.16	-122.74	-385.89	11.22	24.77
			156	-220.48	26.16	-719.06	-1145.83	-8.07	24.77
111	PRIMO IMPALC ATO	12, 6	0	-353.68	-92.12	-2619.82	2897.03	-15.62	-8.30
			260	-353.68	37.88	1330.33	141.55	5.97	-8.30
			520	-353.68	167.88	-1883.77	-2613.93	27.56	-8.30
112	PRIMO IMPALC ATO	6, 24	0	-507.58	-257.63	501.39	-595.66	121.44	148.58
			78	-507.58	-218.70	-144.27	-1062.83	5.75	148.58
			156	-507.58	-179.77	-1153.69	-1530.01	-109.94	148.58
113	PRIMO IMPALC ATO	6, 36	0	-404.21	211.53	756.81	-1049.71	-77.75	-102.81
			78	-404.21	211.53	-84.77	-1112.00	2.29	-102.81
			156	-404.21	211.53	-974.84	-1174.29	82.34	-102.81
114	PRIMO IMPALC ATO	7, 8	0	-150.16	7.21	230.34	32.13	5.92	2.47
			215	-150.16	7.21	114.51	-139.87	0.60	2.47
			430	-150.16	7.21	-371.12	-311.87	-4.72	2.47
115	PRIMO IMPALC ATO	13, 7	0	-265.63	157.45	-1569.90	2400.10	-14.54	-4.97
			245	-265.63	34.95	1161.70	-170.22	-2.37	-4.97
			490	-265.63	-87.55	-2403.99	-2740.54	9.80	-4.97
116	PRIMO IMPALC ATO	32, 7	0	-276.79	31.67	-831.58	1166.32	-7.25	-15.40
			78	-276.79	31.67	52.29	1104.03	4.74	-15.40
			156	-276.79	31.67	887.66	1041.74	16.73	-15.40
117	PRIMO IMPALC ATO	8, 9	0	-133.21	11.43	-289.68	240.71	13.41	4.86
			270	-133.21	11.43	68.65	24.70	0.29	4.86
			540	-133.21	11.43	-156.27	-191.31	-12.84	4.86
118	PRIMO IMPALC ATO	14, 8	0	-194.55	25.33	-1248.91	2155.36	-14.10	-5.74
			245	-194.55	25.33	1090.49	-245.64	-0.04	-5.74

			490	-194.55	25.33	-2452.57	-2646.64	14.02	-5.74
119	PRIMO IMPALC ATO	9, 10	0	-14.66	439.13	-239.12	198.82	25.21	46.86
			44	-14.66	439.13	-159.11	163.49	4.52	46.86
			88	-14.66	439.13	-94.71	128.15	-16.18	46.86
120	PRIMO IMPALC ATO	9, 10	0	64.28	-3.74	77.08	108.36	-16.10	-18.68
			44	64.28	-3.74	117.13	73.02	-7.86	-18.68
			88	64.28	-3.74	141.58	37.69	0.39	-18.68
121	PRIMO IMPALC ATO	9, 10	0	74.89	-8.63	178.55	68.11	0.40	3.07
			44	74.89	-8.63	200.83	32.77	-0.95	3.07
			88	74.89	-8.63	207.50	-2.56	-2.31	3.07
122	PRIMO IMPALC ATO	9, 10	0	75.02	7.65	207.35	2.71	-2.31	-3.06
			44	75.02	7.65	200.74	-32.63	-0.95	-3.06
			88	75.02	7.65	178.53	-67.96	0.40	-3.06
123	PRIMO IMPALC ATO	9, 10	0	64.75	3.85	141.24	-37.02	0.39	18.63
			44	64.75	3.85	117.09	-72.35	-7.84	18.63
			88	64.75	3.85	77.33	-107.69	-16.07	18.63
124	PRIMO IMPALC ATO	9, 10	0	-13.90	-438.05	-95.14	-127.45	-16.14	-46.57
			44	-13.90	-438.05	-159.24	-162.79	4.43	-46.57
			88	-13.90	-438.05	-238.94	-198.12	24.99	-46.57
125	PRIMO IMPALC ATO	15, 9	0	-154.75	-107.71	-2217.46	3423.77	-15.21	-7.01
			240	-154.75	-107.71	1588.01	-252.55	1.62	-7.01
			480	-154.75	-107.71	-3429.68	-3928.87	18.46	-7.01
126	PRIMO IMPALC ATO	9, 41	0	-602.81	-171.08	-1696.98	1712.30	-11.03	-3.93
			44	-602.81	-171.08	-1050.94	1240.99	-9.31	-3.93
			88	-602.81	-171.08	-611.11	769.68	-7.59	-3.93
127	PRIMO IMPALC ATO	9, 41	0	-453.48	292.38	16.27	903.05	-7.58	-6.11
			44	-453.48	292.38	308.25	431.74	-4.91	-6.11
			88	-453.48	292.38	394.04	-39.58	-2.23	-6.11
128	PRIMO IMPALC ATO	9, 41	0	-378.89	189.08	525.51	718.65	-2.23	1.27
			44	-378.89	189.08	736.82	247.34	-2.79	1.27
			88	-378.89	189.08	741.93	-223.97	-3.34	1.27
129	PRIMO IMPALC ATO	9, 41	0	-358.96	37.79	775.27	456.95	-3.35	-12.97
			44	-358.96	37.79	872.09	-14.36	2.33	-12.97
			88	-358.96	37.79	762.71	-485.67	8.00	-12.97
130	PRIMO IMPALC ATO	10, 11	0	-132.93	-10.82	-156.90	191.50	-11.92	-4.53
			270	-132.93	-10.82	68.54	-24.51	0.30	-4.53
			540	-132.93	-10.82	-289.27	-240.52	12.52	-4.53
131	PRIMO IMPALC ATO	16, 10	0	-153.32	107.85	-2210.83	3414.45	13.87	6.41
			240	-153.32	107.85	1583.79	-252.27	-1.51	6.41
			480	-153.32	107.85	-3421.72	-3918.99	-16.90	6.41
132	PRIMO IMPALC ATO	10, 42	0	-602.12	171.81	-1693.11	1709.03	11.50	4.46
			44	-602.12	171.81	-1047.94	1240.35	9.55	4.46
			88	-602.12	171.81	-607.81	771.66	7.60	4.46
133	PRIMO IMPALC ATO	10, 42	0	-453.19	-291.17	14.99	900.16	7.58	6.14

			44	-453.19	-291.17	306.28	431.47	4.90	6.14
			88	-453.19	-291.17	392.52	-37.22	2.21	6.14
134	PRIMO IMPALC ATO	10, 42	0	-378.64	-189.05	524.82	715.82	2.21	-1.36
			44	-378.64	-189.05	735.46	247.13	2.80	-1.36
			88	-378.64	-189.05	741.06	-221.56	3.40	-1.36
135	PRIMO IMPALC ATO	10, 42	0	-358.71	-38.28	773.71	456.02	3.40	13.22
			44	-358.71	-38.28	870.69	-12.66	-2.38	13.22
			88	-358.71	-38.28	762.63	-481.35	-8.17	13.22
136	PRIMO IMPALC ATO	11, 12	0	-151.21	-7.72	-372.16	312.52	-3.80	-2.04
			215	-151.21	-7.72	114.86	140.52	0.58	-2.04
			430	-151.21	-7.72	232.08	-31.48	4.96	-2.04
137	PRIMO IMPALC ATO	17, 11	0	-193.74	-25.39	-1241.72	2145.23	12.88	5.16
			245	-193.74	-25.39	1084.87	-245.97	0.24	5.16
			490	-193.74	-25.39	-2446.98	-2637.17	-12.41	5.16
138	PRIMO IMPALC ATO	18, 12	0	-269.05	-156.92	-1570.52	2400.09	13.92	4.61
			245	-269.05	-34.42	1161.05	-170.23	2.63	4.61
			490	-269.05	88.08	-2404.66	-2740.55	-8.67	4.61
139	PRIMO IMPALC ATO	12, 37	0	-278.50	-32.85	892.24	-1047.36	16.31	15.14
			78	-278.50	-32.85	52.50	-1109.65	4.52	15.14
			156	-278.50	-32.85	-835.74	-1171.94	-7.27	15.14
140	PRIMO IMPALC ATO	13, 14	0	-188.06	5.54	-499.81	1047.88	3.69	1.80
			215	-188.06	5.54	482.21	-134.38	-0.18	1.80
			430	-188.06	5.54	-1077.65	-1316.65	-4.06	1.80
141	PRIMO IMPALC ATO	25, 13	0	-432.72	-169.23	-1110.96	1511.53	124.35	159.78
			78	-432.72	-208.16	-114.71	1047.47	-0.06	159.78
			156	-432.72	-247.10	520.21	583.41	-124.46	159.78
142	PRIMO IMPALC ATO	33, 13	0	-355.53	194.37	-939.71	1138.42	-106.18	-132.14
			78	-355.53	194.37	-77.56	1076.13	-3.29	-132.14
			156	-355.53	194.37	736.09	1013.84	99.60	-132.14
143	PRIMO IMPALC ATO	14, 15	0	-140.86	14.68	-1368.99	1480.55	14.57	5.45
			270	-140.86	14.68	681.79	38.48	-0.15	5.45
			540	-140.86	14.68	-1161.20	-1403.59	-14.87	5.45
144	PRIMO IMPALC ATO	26, 14	0	-181.24	0.73	-646.17	1088.04	-15.42	4.54
			78	-181.24	0.73	-95.46	326.55	-18.96	4.54
			156	-181.24	0.73	-137.66	-434.94	-22.49	4.54
145	PRIMO IMPALC ATO	15, 16	0	-109.05	-0.21	-238.09	211.94	-0.46	0.05
			265	-109.05	-0.21	42.64	-0.06	-0.60	0.05
			530	-109.05	-0.21	-238.43	-212.06	-0.74	0.05
146	PRIMO IMPALC ATO	27, 15	0	-360.97	68.78	-1045.04	1925.79	-10.19	-16.14
			80	-360.97	68.78	7.44	693.90	2.78	-16.14
			161	-360.97	68.78	70.08	-537.98	15.75	-16.14
147	PRIMO IMPALC ATO	16, 17	0	-140.23	-14.86	-1161.35	1403.64	-13.74	-5.03
			270	-140.23	-14.86	681.77	-38.43	-0.16	-5.03
			540	-140.23	-14.86	-1368.87	-1480.50	13.42	-5.03
148	PRIMO IMPALC	28, 16	0	-359.77	-68.68	-1043.15	1921.94	9.55	15.57

	ATO								
			80	-359.77	-68.68	7.52	693.27	-2.96	15.57
			161	-359.77	-68.68	70.94	-535.41	-15.48	15.57
149	PRIMO IMPALC ATO	17, 18	0	-188.06	-5.27	-1078.30	1316.95	-2.77	-1.18
			215	-188.06	-5.27	482.20	134.68	-0.23	-1.18
			430	-188.06	-5.27	-499.16	-1047.58	2.31	-1.18
150	PRIMO IMPALC ATO	29, 17	0	-180.60	-0.40	-645.20	1087.20	13.97	-6.44
			78	-180.60	-0.40	-94.53	327.27	18.98	-6.44
			156	-180.60	-0.40	-135.56	-432.66	23.99	-6.44
151	PRIMO IMPALC ATO	30, 18	0	-434.25	169.47	-1111.38	1512.18	-124.83	-160.49
			78	-434.25	208.40	-114.64	1048.12	0.13	-160.49
			156	-434.25	247.33	520.79	584.06	125.09	-160.49
152	PRIMO IMPALC ATO	18, 38	0	-355.46	-194.25	735.21	-1012.91	99.30	131.79
			78	-355.46	-194.25	-77.71	-1075.20	-3.32	131.79
			156	-355.46	-194.25	-939.14	-1137.49	-105.93	131.79
153	PRIMO IMPALC ATO	19, 20	0	-63.82	30.72	133.92	-97.82	-13.91	-7.11
			72	-63.82	30.72	53.54	-126.49	-8.81	-7.11
			143	-63.82	30.72	-47.38	-155.16	-3.71	-7.11
154	PRIMO IMPALC ATO	19, 20	0	52.57	3.61	-45.69	64.92	22.61	1.65
			72	52.57	3.61	-9.43	36.25	21.43	1.65
			143	52.57	3.61	6.27	7.58	20.25	1.65
155	PRIMO IMPALC ATO	19, 20	0	40.16	-34.66	6.09	5.61	-8.97	4.76
			72	40.16	-34.66	-0.17	-23.06	-12.38	4.76
			143	40.16	-34.66	-26.96	-51.72	-15.79	4.76
156	PRIMO IMPALC ATO	34, 19	0	-138.79	-49.60	51.39	-115.34	9.49	15.18
			70	-138.79	-49.60	-39.15	-143.34	-1.14	15.18
			140	-138.79	-49.60	-149.29	-171.34	-11.77	15.18
157	PRIMO IMPALC ATO	20, 21	0	50.86	28.41	15.47	7.57	-8.41	-4.93
			71	50.86	28.41	10.71	-20.93	-4.89	-4.93
			143	50.86	28.41	-14.36	-49.43	-1.38	-4.93
158	PRIMO IMPALC ATO	20, 21	0	103.60	12.20	-14.01	34.68	7.25	1.84
			71	103.60	12.20	0.54	6.18	5.94	1.84
			143	103.60	12.20	-5.21	-22.32	4.63	1.84
159	PRIMO IMPALC ATO	20, 21	0	91.24	-20.73	-5.27	26.23	9.70	-1.90
			71	91.24	-20.73	3.26	-2.27	11.05	-1.90
			143	91.24	-20.73	-8.51	-30.77	12.41	-1.90
160	PRIMO IMPALC ATO	20, 21	0	-3.24	-48.00	-8.59	28.32	-5.05	8.23
			71	-3.24	-48.00	1.43	-0.18	-10.91	8.23
			143	-3.24	-48.00	-8.85	-28.68	-16.77	8.23
161	PRIMO IMPALC ATO	21, 22	0	-32.23	48.51	11.62	5.96	-19.12	-10.85
			63	-32.23	48.51	7.53	-19.04	-12.34	-10.85
			125	-32.23	48.51	-12.18	-44.04	-5.56	-10.85
162	PRIMO IMPALC ATO	21, 22	0	38.25	21.91	-11.95	32.58	13.35	2.25
			63	38.25	21.91	0.60	7.58	11.94	2.25
			125	38.25	21.91	-2.47	-17.42	10.54	2.25
163	PRIMO	21, 22	0	37.34	-21.87	-2.46	17.41	10.53	-2.25

	IMPALC ATO								
			63	37.34	-21.87	0.61	-7.59	11.94	-2.25
			125	37.34	-21.87	-11.95	-32.59	13.34	-2.25
164	PRIMO IMPALC ATO	21, 22	0	-34.78	-48.46	-12.17	44.06	-5.51	10.83
			63	-34.78	-48.46	7.56	19.06	-12.28	10.83
			125	-34.78	-48.46	11.65	-5.94	-19.05	10.83
165	PRIMO IMPALC ATO	22, 23	0	-7.51	47.91	-8.90	28.73	-16.71	-8.21
			71	-7.51	47.91	1.42	0.23	-10.86	-8.21
			143	-7.51	47.91	-8.56	-28.27	-5.01	-8.21
166	PRIMO IMPALC ATO	22, 23	0	84.78	20.68	-8.46	30.74	12.39	1.91
			71	84.78	20.68	3.29	2.24	11.03	1.91
			143	84.78	20.68	-5.26	-26.26	9.68	1.91
167	PRIMO IMPALC ATO	22, 23	0	95.56	-12.32	-5.18	22.30	4.67	-1.84
			71	95.56	-12.32	0.56	-6.20	5.98	-1.84
			143	95.56	-12.32	-14.01	-34.70	7.29	-1.84
168	PRIMO IMPALC ATO	22, 23	0	41.79	-28.60	-14.33	49.44	-1.47	4.98
			71	41.79	-28.60	10.74	20.94	-5.02	4.98
			143	41.79	-28.60	15.51	-7.56	-8.56	4.98
169	PRIMO IMPALC ATO	23, 24	0	30.63	34.83	-26.97	51.82	-15.73	-4.77
			72	30.63	34.83	-0.10	23.16	-12.31	-4.77
			143	30.63	34.83	6.22	-5.51	-8.90	-4.77
170	PRIMO IMPALC ATO	23, 24	0	44.91	-3.70	6.46	-8.05	20.36	-1.65
			72	44.91	-3.70	-9.58	-36.71	21.54	-1.65
			143	44.91	-3.70	-46.17	-65.38	22.72	-1.65
171	PRIMO IMPALC ATO	23, 24	0	-67.38	-31.07	-47.84	156.76	-3.86	7.17
			72	-67.38	-31.07	54.24	128.10	-9.00	7.17
			143	-67.38	-31.07	135.77	99.43	-14.13	7.17
172	PRIMO IMPALC ATO	24, 39	0	-131.72	50.55	-148.59	167.61	-11.73	-15.10
			70	-131.72	50.55	-41.06	139.61	-1.16	-15.10
			140	-131.72	50.55	46.86	111.61	9.40	-15.10
173	PRIMO IMPALC ATO	25, 26	0	-85.39	-29.65	129.07	-93.79	15.35	7.11
			72	-85.39	-29.65	51.58	-122.46	10.25	7.11
			143	-85.39	-29.65	-46.45	-151.13	5.15	7.11
174	PRIMO IMPALC ATO	25, 26	0	22.24	-4.77	-45.00	65.93	-21.30	-1.63
			72	22.24	-4.77	-8.02	37.26	-20.13	-1.63
			143	22.24	-4.77	8.41	8.60	-18.96	-1.63
175	PRIMO IMPALC ATO	25, 26	0	4.44	31.77	8.19	-1.80	7.60	-4.14
			72	4.44	31.77	-3.37	-30.46	10.57	-4.14
			143	4.44	31.77	-35.48	-59.13	13.54	-4.14
176	PRIMO IMPALC ATO	35, 25	0	-139.57	49.49	43.61	-103.76	-9.73	-15.86
			70	-139.57	49.49	-38.82	-131.76	1.37	-15.86
			140	-139.57	49.49	-140.85	-159.76	12.48	-15.86
177	PRIMO IMPALC ATO	26, 27	0	12.18	-26.24	24.82	-1.56	10.96	4.87
			71	12.18	-26.24	13.56	-30.06	7.49	4.87
			143	12.18	-26.24	-18.01	-58.56	4.02	4.87

178	PRIMO IMPALC ATO	26, 27	0	55.25	-12.68	-17.75	41.87	-6.17	-1.46
			71	55.25	-12.68	1.93	13.37	-5.14	-1.46
			143	55.25	-12.68	1.30	-15.13	-4.10	-1.46
179	PRIMO IMPALC ATO	26, 27	0	32.01	17.38	1.35	5.90	-9.05	1.95
			71	32.01	17.38	-4.60	-22.60	-10.44	1.95
			143	32.01	17.38	-30.85	-51.10	-11.84	1.95
180	PRIMO IMPALC ATO	26, 27	0	-73.29	43.23	-31.96	105.29	2.04	-7.15
			71	-73.29	43.23	32.91	76.79	7.14	-7.15
			143	-73.29	43.23	77.47	48.29	12.23	-7.15
181	PRIMO IMPALC ATO	27, 28	0	-92.07	-44.22	-85.58	105.67	17.23	9.93
			63	-92.07	-44.22	-27.34	80.67	11.03	9.93
			125	-92.07	-44.22	15.27	55.67	4.82	9.93
182	PRIMO IMPALC ATO	27, 28	0	-14.62	-20.12	14.71	1.12	-12.36	-2.10
			63	-14.62	-20.12	7.60	-23.88	-11.05	-2.10
			125	-14.62	-20.12	-15.14	-48.88	-9.73	-2.10
183	PRIMO IMPALC ATO	27, 28	0	-14.32	20.08	-15.14	48.85	-9.71	2.10
			63	-14.32	20.08	7.58	23.85	-11.02	2.10
			125	-14.32	20.08	14.68	-1.15	-12.33	2.10
184	PRIMO IMPALC ATO	27, 28	0	-91.10	44.15	15.23	-55.55	4.80	-9.91
			63	-91.10	44.15	-27.30	-80.55	10.99	-9.91
			125	-91.10	44.15	-85.45	-105.55	17.19	-9.91
185	PRIMO IMPALC ATO	28, 29	0	-71.76	-43.17	77.32	-48.16	12.31	7.15
			71	-71.76	-43.17	32.85	-76.66	7.22	7.15
			143	-71.76	-43.17	-31.92	-105.16	2.13	7.15
186	PRIMO IMPALC ATO	28, 29	0	33.68	-17.39	-30.82	51.07	-11.80	-1.94
			71	33.68	-17.39	-4.58	22.57	-10.42	-1.94
			143	33.68	-17.39	1.35	-5.93	-9.03	-1.94
187	PRIMO IMPALC ATO	28, 29	0	57.05	12.61	1.29	15.12	-4.10	1.46
			71	57.05	12.61	1.91	-13.38	-5.14	1.46
			143	57.05	12.61	-17.78	-41.88	-6.17	1.46
188	PRIMO IMPALC ATO	28, 29	0	13.98	26.20	-18.04	58.65	3.91	-4.85
			71	13.98	26.20	13.59	30.15	7.37	-4.85
			143	13.98	26.20	24.93	1.65	10.82	-4.85
189	PRIMO IMPALC ATO	29, 30	0	6.64	-31.73	-35.61	59.25	13.66	4.15
			72	6.64	-31.73	-3.42	30.58	10.68	4.15
			143	6.64	-31.73	8.22	1.91	7.71	4.15
190	PRIMO IMPALC ATO	29, 30	0	23.99	4.72	8.44	-8.65	-18.95	1.64
			72	23.99	4.72	-8.03	-37.31	-20.13	1.64
			143	23.99	4.72	-45.04	-65.98	-21.30	1.64
191	PRIMO IMPALC ATO	29, 30	0	-84.26	29.66	-46.51	151.25	5.03	-7.10
			72	-84.26	29.66	51.62	122.58	10.12	-7.10
			143	-84.26	29.66	129.20	93.92	15.20	-7.10
192	PRIMO IMPALC ATO	30, 40	0	-139.06	-49.47	-141.00	159.92	12.46	15.84
			70	-139.06	-49.47	-38.85	131.92	1.37	15.84

			140	-139.06	-49.47	43.69	103.92	-9.72	15.84
193	PRIMO IMPALC ATO	32, 31	0	71.93	36.86	-24.05	40.83	-12.66	-7.39
			65	71.93	36.86	-5.96	14.83	-7.86	-7.39
			130	71.93	36.86	-4.77	-11.17	-3.06	-7.39
194	PRIMO IMPALC ATO	32, 31	0	119.67	18.50	-5.07	32.08	8.54	1.53
			65	119.67	18.50	7.34	6.08	7.54	1.53
			130	119.67	18.50	2.84	-19.92	6.55	1.53
195	PRIMO IMPALC ATO	32, 31	0	93.73	-16.86	3.09	-11.02	10.46	-2.85
			65	93.73	-16.86	-12.52	-37.02	12.32	-2.85
			130	93.73	-16.86	-45.03	-63.02	14.17	-2.85
196	PRIMO IMPALC ATO	32, 31	0	-17.78	-23.28	-46.64	170.79	-6.58	9.16
			65	-17.78	-23.28	55.92	144.79	-12.54	9.16
			130	-17.78	-23.28	141.59	118.79	-18.50	9.16
197	PRIMO IMPALC ATO	31, 34	0	-116.82	5.94	-158.57	232.00	-8.91	-14.47
			70	-116.82	40.94	-30.46	134.00	1.22	-14.47
			140	-116.82	75.94	29.04	36.00	11.35	-14.47
198	PRIMO IMPALC ATO	33, 32	0	-27.66	22.08	139.44	-117.11	-16.97	-8.64
			65	-27.66	22.08	54.86	-143.11	-11.35	-8.64
			130	-27.66	22.08	-46.61	-169.11	-5.73	-8.64
199	PRIMO IMPALC ATO	33, 32	0	85.65	15.87	-45.21	65.51	13.41	2.77
			65	85.65	15.87	-11.08	39.51	11.61	2.77
			130	85.65	15.87	6.15	13.51	9.81	2.77
200	PRIMO IMPALC ATO	33, 32	0	115.64	-18.57	5.87	8.18	6.45	-1.49
			65	115.64	-18.57	2.74	-17.82	7.42	-1.49
			130	115.64	-18.57	-17.29	-43.82	8.39	-1.49
201	PRIMO IMPALC ATO	33, 32	0	77.43	-36.53	-17.58	57.80	-4.33	7.52
			65	77.43	-36.53	11.54	31.80	-9.21	7.52
			130	77.43	-36.53	23.76	5.80	-14.10	7.52
202	PRIMO IMPALC ATO	35, 33	0	-116.76	-39.14	43.08	-102.39	12.24	14.87
			70	-116.76	-39.14	-38.39	-130.39	1.83	14.87
			140	-116.76	-39.14	-139.47	-158.39	-8.58	14.87
203	PRIMO IMPALC ATO	37, 36	0	66.11	-37.05	-23.58	40.28	12.73	7.42
			65	66.11	-37.05	-5.84	14.28	7.91	7.42
			130	66.11	-37.05	-5.01	-11.72	3.08	7.42
204	PRIMO IMPALC ATO	37, 36	0	114.63	-18.52	-5.27	32.66	-8.62	-1.53
			65	114.63	-18.52	7.51	6.66	-7.63	-1.53
			130	114.63	-18.52	3.38	-19.34	-6.63	-1.53
205	PRIMO IMPALC ATO	37, 36	0	89.89	16.61	3.69	-13.05	-10.32	2.82
			65	89.89	16.61	-13.24	-39.05	-12.15	2.82
			130	89.89	16.61	-47.08	-65.05	-13.98	2.82
206	PRIMO IMPALC ATO	37, 36	0	-17.45	22.77	-48.71	178.55	6.54	-9.04
			65	-17.45	22.77	58.89	152.55	12.42	-9.04
			130	-17.45	22.77	149.60	126.55	18.30	-9.04
207	PRIMO IMPALC ATO	36, 39	0	-110.60	-40.93	-149.51	168.01	8.79	14.33

			70	-110.60	-40.93	-41.70	140.01	-1.25	14.33
			140	-110.60	-40.93	46.51	112.01	-11.28	14.33
208	PRIMO IMPALC ATO	38, 37	0	-29.39	-22.03	139.37	-117.05	16.98	8.64
			65	-29.39	-22.03	54.84	-143.05	11.36	8.64
			130	-29.39	-22.03	-46.59	-169.05	5.75	8.64
209	PRIMO IMPALC ATO	38, 37	0	82.47	-15.84	-45.16	65.45	-13.40	-2.78
			65	82.47	-15.84	-11.07	39.45	-11.60	-2.78
			130	82.47	-15.84	6.13	13.45	-9.79	-2.78
210	PRIMO IMPALC ATO	38, 37	0	111.19	18.66	5.87	8.24	-6.50	1.49
			65	111.19	18.66	2.78	-17.76	-7.47	1.49
			130	111.19	18.66	-17.21	-43.76	-8.44	1.49
211	PRIMO IMPALC ATO	38, 37	0	71.88	36.73	-17.46	57.46	4.34	-7.55
			65	71.88	36.73	11.44	31.46	9.25	-7.55
			130	71.88	36.73	23.44	5.46	14.16	-7.55
212	PRIMO IMPALC ATO	40, 38	0	-117.21	39.15	43.03	-102.30	-12.23	-14.86
			70	-117.21	39.15	-38.38	-130.30	-1.82	-14.86
			140	-117.21	39.15	-139.39	-158.30	8.58	-14.86
213	PRIMO IMPALC ATO	1	0	-3311.51	-5.94	-1355.16	459.53	483.73	134.57
			150	-3311.51	-5.94	-665.78	459.53	281.85	134.57
			300	-3311.51	-5.94	23.61	459.53	79.96	134.57
214	PRIMO IMPALC ATO	2	0	-6153.52	5.84	-780.72	236.83	82.26	51.59
			150	-6153.52	5.84	-425.43	236.83	4.87	51.59
			300	-6153.52	5.84	-70.14	236.83	-72.52	51.59
215	PRIMO IMPALC ATO	3	0	-8953.80	-0.56	-3161.24	1044.09	318.78	176.05
			150	-8953.80	-0.56	-1595.11	1044.09	54.70	176.05
			300	-8953.80	-0.56	-28.98	1044.09	-209.38	176.05
216	PRIMO IMPALC ATO	4	0	-8935.24	0.57	-3156.93	1042.55	-318.31	-175.56
			150	-8935.24	0.57	-1593.10	1042.55	-54.97	-175.56
			300	-8935.24	0.57	-29.28	1042.55	208.37	-175.56
217	PRIMO IMPALC ATO	5	0	-6155.63	-5.89	-784.39	238.34	-81.11	-50.49
			150	-6155.63	-5.89	-426.83	238.34	-5.36	-50.49
			300	-6155.63	-5.89	-69.27	238.34	70.39	-50.49
218	PRIMO IMPALC ATO	6	0	-3307.05	5.85	-1366.08	464.18	-488.93	-136.91
			150	-3307.05	5.85	-669.72	464.18	-283.54	-136.91
			300	-3307.05	5.85	26.65	464.18	-78.14	-136.91
219	PRIMO IMPALC ATO	7	0	-7401.43	-3.81	68.88	-14.15	191.92	-42.98
			150	-7401.43	-3.81	47.65	-14.15	256.39	-42.98
			300	-7401.43	-3.81	26.43	-14.15	320.86	-42.98
220	PRIMO IMPALC ATO	8	0	-5924.29	0.32	90.41	-38.07	-42.31	-22.84
			150	-5924.29	0.32	33.31	-38.07	-8.05	-22.84
			300	-5924.29	0.32	-23.79	-38.07	26.21	-22.84
221	PRIMO IMPALC ATO	9	0	-12988.86	-0.15	929.78	-425.72	435.18	243.34
			150	-12988.86	-0.15	291.12	-425.72	70.11	243.34
			300	-12988.86	-0.15	-347.55	-425.72	-294.95	243.34
222	PRIMO IMPALC	10	0	-12965.78	0.11	930.69	-426.06	-435.13	-243.12

	ATO								
			150	-12965.78	0.11	291.51	-426.06	-70.39	-243.12
			300	-12965.78	0.11	-347.66	-426.06	294.34	-243.12
223	PRIMO IMPALC ATO	11	0	-5920.21	-0.33	97.11	-41.56	43.52	23.66
			150	-5920.21	-0.33	34.77	-41.56	8.02	23.66
			300	-5920.21	-0.33	-27.57	-41.56	-27.47	23.66
224	PRIMO IMPALC ATO	12	0	-7410.78	3.78	77.84	-19.11	-193.49	42.59
			150	-7410.78	3.78	49.17	-19.11	-257.39	42.59
			300	-7410.78	3.78	20.50	-19.11	-321.28	42.59
225	PRIMO IMPALC ATO	13	0	-3080.30	5.13	1220.15	-418.11	461.33	126.04
			150	-3080.30	5.13	592.90	-418.11	272.25	126.04
			300	-3080.30	5.13	-34.35	-418.11	83.17	126.04
226	PRIMO IMPALC ATO	14	0	-5710.92	-5.20	694.64	-212.35	171.08	86.50
			150	-5710.92	-5.20	376.06	-212.35	41.32	86.50
			300	-5710.92	-5.20	57.49	-212.35	-88.44	86.50
227	PRIMO IMPALC ATO	15	0	-7459.04	7.49	936.59	-360.30	-503.95	-225.18
			150	-7459.04	7.49	395.99	-360.30	-166.09	-225.18
			300	-7459.04	7.49	-144.62	-360.30	171.77	-225.18
228	PRIMO IMPALC ATO	16	0	-7447.48	-7.55	934.35	-359.29	503.28	224.76
			150	-7447.48	-7.55	395.27	-359.29	166.04	224.76
			300	-7447.48	-7.55	-143.81	-359.29	-171.20	224.76
229	PRIMO IMPALC ATO	17	0	-5699.10	5.10	692.01	-211.51	-171.06	-86.35
			150	-5699.10	5.10	374.71	-211.51	-41.52	-86.35
			300	-5699.10	5.10	57.40	-211.51	88.02	-86.35
230	PRIMO IMPALC ATO	18	0	-3080.29	-5.24	1221.03	-419.34	-461.06	-125.71
			150	-3080.29	-5.24	591.93	-419.34	-272.47	-125.71
			300	-3080.29	-5.24	-37.17	-419.34	-83.88	-125.71
231	SECOND O IMPALC ATO	1, 2	0	-165.12	291.11	-22.80	3.68	41.13	87.61
			215	-165.12	291.11	-153.57	-125.32	-147.23	87.61
			430	-165.12	291.11	-561.69	-254.32	-335.60	87.61
232	SECOND O IMPALC ATO	7, 1	0	-603.37	11.17	-1267.62	1416.85	-52.48	-17.28
			260	-603.37	11.17	658.59	64.85	-7.55	-17.28
			520	-603.37	11.17	-930.40	-1287.15	37.39	-17.28
233	SECOND O IMPALC ATO	2, 3	0	-341.42	252.55	-920.24	418.85	-351.90	-147.84
			278	-341.42	252.55	11.30	252.29	58.51	-147.84
			555	-341.42	252.55	480.46	85.73	468.91	-147.84
234	SECOND O IMPALC ATO	3, 4	0	-115.41	0.25	219.98	149.66	90.31	-0.22
			250	-115.41	0.25	406.64	-0.34	90.86	-0.22
			500	-115.41	0.25	218.29	-150.34	91.41	-0.22
235	SECOND O IMPALC ATO	41, 3	0	-119.82	-285.12	-1266.59	1493.37	78.92	240.05
			95	-119.82	-285.12	-184.02	778.65	-149.84	240.05
			191	-119.82	-285.12	217.45	63.93	-378.60	240.05
236	SECOND	4, 5	0	-341.83	-252.56	478.14	-84.96	471.70	148.60

	O IMPALC ATO								
			278	-341.83	-252.56	11.10	-251.52	59.19	148.60
			555	-341.83	-252.56	-918.32	-418.08	-353.33	148.60
237	SECOND O IMPALC ATO	42, 4	0	-120.97	284.54	-1268.71	1494.81	-78.23	-240.58
			95	-120.97	284.54	-184.77	780.10	151.03	-240.58
			191	-120.97	284.54	218.08	65.38	380.29	-240.58
238	SECOND O IMPALC ATO	5, 6	0	-166.34	-291.09	-561.14	254.04	-336.85	-87.66
			215	-166.34	-291.09	-153.62	125.04	-148.39	-87.66
			430	-166.34	-291.09	-23.45	-3.96	40.07	-87.66
239	SECOND O IMPALC ATO	12, 6	0	-605.43	-11.19	-1267.50	1416.61	52.96	17.19
			260	-605.43	-11.19	658.08	64.61	8.27	17.19
			520	-605.43	-11.19	-931.54	-1287.39	-36.41	17.19
240	SECOND O IMPALC ATO	13, 7	0	-590.86	16.70	-630.93	1117.56	322.07	77.20
			245	-590.86	16.70	582.47	-127.04	132.92	77.20
			490	-590.86	16.70	-1253.40	-1371.64	-56.23	77.20
241	SECOND O IMPALC ATO	9, 10	0	-167.69	-0.17	-110.45	158.98	6.13	0.62
			265	-167.69	-0.17	100.16	-0.02	4.48	0.62
			530	-167.69	-0.17	-110.58	-159.02	2.83	0.62
242	SECOND O IMPALC ATO	15, 9	0	-748.33	14.94	-840.61	1579.09	-2.87	0.51
			240	-748.33	14.94	789.21	-220.91	-4.09	0.51
			480	-748.33	14.94	-1900.97	-2020.91	-5.31	0.51
243	SECOND O IMPALC ATO	9, 41	0	-423.37	-96.45	-1382.99	1476.88	-12.88	-19.15
			175	-423.37	-96.45	53.10	164.38	20.63	-19.15
			350	-423.37	-96.45	-807.68	-1148.12	54.15	-19.15
244	SECOND O IMPALC ATO	16, 10	0	-746.18	-14.82	-840.18	1579.03	-0.41	-1.62
			240	-746.18	-14.82	789.49	-220.97	3.48	-1.62
			480	-746.18	-14.82	-1900.84	-2020.97	7.38	-1.62
245	SECOND O IMPALC ATO	10, 42	0	-422.53	96.65	-1382.12	1476.32	11.57	18.15
			175	-422.53	96.65	53.00	163.82	-20.19	18.15
			350	-422.53	96.65	-808.75	-1148.68	-51.95	18.15
246	SECOND O IMPALC ATO	18, 12	0	-591.38	-16.67	-631.82	1118.08	-323.84	-77.68
			245	-591.38	-16.67	582.85	-126.52	-133.52	-77.68
			490	-591.38	-16.67	-1251.76	-1371.12	56.79	-77.68
247	SECOND O IMPALC ATO	13, 14	0	-259.47	-60.93	-126.94	118.55	-338.64	-142.75
			215	-259.47	-60.93	-10.73	-10.45	-31.72	-142.75
			430	-259.47	-60.93	-171.88	-139.45	275.20	-142.75
248	SECOND O IMPALC	14, 15	0	-305.69	79.02	-227.72	184.62	254.55	48.10

	ATO								
			270	-305.69	79.02	52.07	22.62	124.66	48.10
			540	-305.69	79.02	-105.59	-139.39	-5.23	48.10
249	SECOND O IMPALC ATO	15, 16	0	-211.95	0.13	-87.81	158.95	-2.32	0.02
			265	-211.95	0.13	122.74	-0.05	-2.38	0.02
			530	-211.95	0.13	-88.06	-159.05	-2.45	0.02
250	SECOND O IMPALC ATO	16, 17	0	-304.83	-79.03	-106.22	139.54	-1.98	-47.26
			270	-304.83	-79.03	51.83	-22.47	125.62	-47.26
			540	-304.83	-79.03	-227.57	-184.48	253.22	-47.26
251	SECOND O IMPALC ATO	17, 18	0	-259.30	60.85	-172.86	139.93	274.09	142.92
			215	-259.30	60.85	-10.69	10.93	-33.19	142.92
			430	-259.30	60.85	-125.88	-118.07	-340.47	142.92
252	SECOND O IMPALC ATO	41, 42	0	-379.60	-0.10	-3.09	158.77	-21.73	0.28
			265	-379.60	-0.10	206.97	-0.23	-22.48	0.28
			530	-379.60	-0.10	-4.32	-159.23	-23.22	0.28
253	SECOND O IMPALC ATO	1	0	-1290.83	3.74	-639.28	515.76	33.97	147.83
			150	-1290.83	3.74	134.35	515.76	-187.78	147.83
			300	-1290.83	3.74	907.99	515.76	-409.53	147.83
254	SECOND O IMPALC ATO	2	0	-673.17	-16.30	-13.80	226.17	351.39	180.17
			150	-673.17	-16.30	325.46	226.17	81.14	180.17
			300	-673.17	-16.30	664.72	226.17	-189.11	180.17
255	SECOND O IMPALC ATO	5	0	-672.13	16.47	-13.81	226.97	-350.02	-179.38
			150	-672.13	16.47	326.64	226.97	-80.95	-179.38
			300	-672.13	16.47	667.09	226.97	188.11	-179.38
256	SECOND O IMPALC ATO	6	0	-1291.35	-3.66	-640.46	517.77	-34.64	-149.16
			150	-1291.35	-3.66	136.20	517.77	189.09	-149.16
			300	-1291.35	-3.66	912.86	517.77	412.83	-149.16
257	SECOND O IMPALC ATO	7	0	-2788.49	3.75	14.22	-12.51	5.53	94.49
			150	-2788.49	3.75	-4.54	-12.51	-136.20	94.49
			300	-2788.49	3.75	-23.31	-12.51	-277.93	94.49
258	SECOND O IMPALC ATO	9	0	-3656.76	-1.44	-518.15	324.34	221.85	187.35
			150	-3656.76	-1.44	-31.65	324.34	-59.18	187.35
			300	-3656.76	-1.44	454.86	324.34	-340.20	187.35
259	SECOND O IMPALC ATO	10	0	-3656.31	1.36	-518.54	324.27	-222.05	-187.46
			150	-3656.31	1.36	-32.13	324.27	59.14	-187.46
			300	-3656.31	1.36	454.28	324.27	340.34	-187.46
260	SECOND O IMPALC ATO	12	0	-2787.73	-3.84	15.74	-14.04	-5.48	-94.86
			150	-2787.73	-3.84	-5.33	-14.04	136.82	-94.86

			300	-2787.73	-3.84	-26.39	-14.04	279.12	-94.86
261	SECOND O IMPALC ATO	13	0	-1236.11	-16.58	570.00	-448.10	110.24	182.26
			150	-1236.11	-16.58	-102.16	-448.10	-163.16	182.26
			300	-1236.11	-16.58	-774.32	-448.10	-436.56	182.26
262	SECOND O IMPALC ATO	14	0	-324.08	-20.65	142.06	-193.69	55.10	45.77
			150	-324.08	-20.65	-148.47	-193.69	-13.55	45.77
			300	-324.08	-20.65	-439.00	-193.69	-82.20	45.77
263	SECOND O IMPALC ATO	15	0	-1877.44	0.04	760.75	-697.42	-31.98	-93.79
			150	-1877.44	0.04	-285.38	-697.42	108.70	-93.79
			300	-1877.44	0.04	-1331.50	-697.42	249.39	-93.79
264	SECOND O IMPALC ATO	16	0	-1877.61	0.05	760.04	-696.08	32.25	94.05
			150	-1877.61	0.05	-284.08	-696.08	-108.83	94.05
			300	-1877.61	0.05	-1328.19	-696.08	-249.90	94.05
265	SECOND O IMPALC ATO	17	0	-324.40	20.87	141.98	-193.00	-53.97	-45.08
			150	-324.40	20.87	-147.52	-193.00	13.65	-45.08
			300	-324.40	20.87	-437.02	-193.00	81.26	-45.08
266	SECOND O IMPALC ATO	18	0	-1236.16	16.63	570.97	-448.46	-109.21	-181.62
			150	-1236.16	16.63	-101.73	-448.46	163.22	-181.62
			300	-1236.16	16.63	-774.43	-448.46	435.65	-181.62
267	SECOND O IMPALC ATO	41	0	-2800.26	3.04	432.44	284.74	290.56	130.57
			150	-2800.26	3.04	859.56	284.74	94.71	130.57
			300	-2800.26	3.04	1286.68	284.74	-101.14	130.57
268	SECOND O IMPALC ATO	42	0	-2802.72	-3.06	433.73	283.28	-291.19	-131.14
			150	-2802.72	-3.06	858.64	283.28	-94.48	-131.14
			300	-2802.72	-3.06	1283.56	283.28	102.22	-131.14

2.1.2.3 Pareti SLU

Tabella 7.I

Parete	Impalcato	Fili	N1-1 [daN/cm]	N2-2 [daN/cm]	N1-2 [daN/cm]	M1-1 [daNcm/cm]	M2-2 [daNcm/cm]	M1-2 [daNcm/cm]	T1-3 [daN/cm]	T2-3 [daN/cm]
1	PRIMO IMPALCA TO	19-20	-4.478	-12.837	7.593	151.391	292.021	-75.641	6.554	-11.873
2	PRIMO IMPALCA TO	34-19	8.196	-13.297	-7.325	-63.465	296.730	127.847	-11.504	-11.873
3	PRIMO IMPALCA TO	20-21	3.789	-12.752	-6.968	83.792	390.635	111.617	-6.092	-10.543
4	PRIMO IMPALCA TO	21-22	-3.325	-12.930	-6.893	97.282	389.755	-110.851	6.319	-10.543
5	PRIMO IMPALCA TO	22-23	3.497	-12.726	6.930	83.708	390.236	-111.337	6.085	-10.534
6	PRIMO	23-24	-4.618	-12.816	-7.480	151.907	294.631	76.432	-6.587	-12.044

	IMPALCA TO									
7	PRIMO IMPALCA TO	24-39	7.751	-13.211	7.589	-62.272	299.441	-129.850	11.508	-12.044
8	PRIMO IMPALCA TO	25-26	-5.320	-12.694	7.425	-143.743	-283.874	74.736	-6.398	11.556
9	PRIMO IMPALCA TO	35-25	-7.537	-13.027	-7.595	60.820	-289.322	-128.003	-11.261	11.556
10	PRIMO IMPALCA TO	26-27	-5.038	-14.039	-7.731	-79.185	-357.979	-96.772	5.509	9.723
11	PRIMO IMPALCA TO	27-28	-5.806	-14.155	8.320	-91.232	-355.591	101.411	-5.817	9.723
12	PRIMO IMPALCA TO	28-29	-4.972	-14.010	7.716	-78.965	-357.336	96.753	-5.501	9.704
13	PRIMO IMPALCA TO	29-30	-5.275	-12.698	-7.436	-143.878	-284.033	-74.606	6.397	11.562
14	PRIMO IMPALCA TO	30-40	-7.518	-13.035	7.572	60.687	-289.403	127.893	11.250	11.562
15	PRIMO IMPALCA TO	32-31	4.198	-10.957	-6.730	135.640	286.348	-87.282	-6.397	-11.750
16	PRIMO IMPALCA TO	31-34	8.258	-11.565	5.602	-85.274	245.752	-112.912	10.821	-11.750
17	PRIMO IMPALCA TO	33-32	3.974	-10.298	6.551	129.170	285.517	87.397	6.078	-11.446
18	PRIMO IMPALCA TO	35-33	7.719	-10.845	-5.224	-82.826	233.587	107.428	10.561	-11.446
19	PRIMO IMPALCA TO	37-36	4.024	-10.578	-6.434	-134.339	-287.750	87.656	6.308	11.845
20	PRIMO IMPALCA TO	36-39	7.988	-11.150	5.550	86.747	-241.174	112.791	-10.746	11.845
21	PRIMO IMPALCA TO	38-37	3.820	-10.300	6.525	-129.095	-286.927	-87.881	-6.075	11.441
22	PRIMO IMPALCA TO	40-38	7.714	-10.839	-5.254	82.931	-233.419	-107.499	-10.555	11.441

2.1.2.4 Piastre SLU

Tabella 8.I

Piastra	Impalcato	Fili	N1-1 [daN/cm]	N2-2 [daN/cm]	N1-2 [daN/cm]	M1-1 [daNcm/cm]	M2-2 [daNcm/cm]	M1-2 [daNcm/cm]	T1-3 [daN/cm]	T2-3 [daN/cm]
1	PRIMO IMPALCA TO	9, 41, 3, 4, 42, 10	-2.528	-13.103	6.361	-1150.370	-1913.919	-585.586	-69.200	98.932

2.1.3 Risultati Condizioni (Carichi d'Esercizio).

2.1.3.1 Cinematismi nodali SLU

Tabella 9.I

Cinematismi nodali						
Nodo	Vx [cm]	Vy [cm]	Vz [cm]	Rx [rad]	Ry [rad]	Rz [rad]
1	0.0002	-0.0004	-0.0502	0.000111	0.000113	0.000000

2	0.0001	-0.0001	-0.0340	0.000101	-0.000005	0.000000
3	0.0000	0.0003	-0.0560	0.000142	-0.000010	0.000000
4	0.0000	0.0003	-0.0559	0.000142	0.000010	0.000000
5	-0.0001	-0.0001	-0.0339	0.000101	0.000005	0.000000
6	-0.0002	-0.0004	-0.0496	0.000109	-0.000111	0.000000
7	0.0002	-0.0005	-0.0518	-0.000006	0.000125	0.000000
8	0.0001	-0.0001	-0.0249	-0.000006	0.000000	0.000000
9	0.0000	-0.0002	-0.0582	-0.000021	-0.000018	0.000000
10	0.0000	-0.0002	-0.0581	-0.000021	0.000018	0.000000
11	-0.0001	-0.0001	-0.0249	-0.000007	0.000000	0.000000
12	-0.0002	-0.0005	-0.0518	-0.000007	-0.000124	0.000000
13	0.0002	-0.0005	-0.0489	-0.000084	0.000109	-0.000001
14	0.0001	-0.0002	-0.0329	-0.000078	0.000000	0.000000
15	0.0000	-0.0004	-0.0481	-0.000077	-0.000009	0.000000
16	0.0000	-0.0004	-0.0481	-0.000077	0.000009	0.000000
17	-0.0001	-0.0002	-0.0329	-0.000078	0.000000	0.000000
18	-0.0002	-0.0005	-0.0489	-0.000085	-0.000109	0.000001
19	0.0005	0.0006	-0.0229	0.000005	0.000007	-0.000003
20	0.0004	0.0022	-0.0203	0.000014	0.000005	-0.000002
21	0.0001	0.0040	-0.0184	0.000013	0.000001	-0.000003
22	-0.0001	0.0040	-0.0181	0.000013	0.000000	0.000003
23	-0.0003	0.0023	-0.0192	0.000013	-0.000004	0.000002
24	-0.0003	0.0008	-0.0209	0.000004	-0.000004	0.000004
25	-0.0002	0.0006	-0.0215	-0.000003	-0.000001	0.000006
26	-0.0001	-0.0020	-0.0215	-0.000015	0.000000	0.000004
27	-0.0001	-0.0045	-0.0216	-0.000027	-0.000001	0.000003
28	0.0000	-0.0045	-0.0216	-0.000027	0.000000	-0.000003
29	0.0000	-0.0020	-0.0216	-0.000017	-0.000001	-0.000004
30	0.0001	0.0006	-0.0219	-0.000004	0.000000	-0.000006
31	-0.0001	0.0007	-0.0233	0.000003	0.000005	0.000008
32	-0.0038	0.0008	-0.0218	0.000002	0.000022	0.000000
33	-0.0005	0.0009	-0.0214	0.000001	0.000002	-0.000006
34	0.0005	0.0007	-0.0239	0.000007	0.000007	0.000003
35	-0.0002	0.0009	-0.0216	-0.000005	0.000003	0.000000
36	0.0002	0.0008	-0.0212	0.000000	-0.000004	-0.000008
37	0.0038	0.0009	-0.0210	0.000000	-0.000022	0.000000
38	0.0004	0.0010	-0.0216	-0.000001	-0.000002	0.000006
39	-0.0003	0.0008	-0.0215	0.000006	-0.000007	-0.000002
40	0.0001	0.0010	-0.0220	-0.000007	-0.000003	0.000000
41	-0.0004	0.0018	-0.0534	-0.000165	-0.000037	-0.000003
42	-0.0006	0.0000	-0.0380	-0.000200	0.000030	-0.000002
43	-0.0003	-0.0030	-0.0618	-0.000364	-0.000138	-0.000001
44	-0.0001	-0.0029	-0.0616	-0.000363	0.000139	0.000001
45	0.0002	-0.0004	-0.0378	-0.000203	-0.000029	0.000002
46	0.0000	0.0012	-0.0527	-0.000171	0.000043	0.000003
47	0.0000	0.0018	-0.0587	0.000020	-0.000028	0.000000
48	-0.0001	0.0002	-0.0307	0.000034	0.000010	0.000001
49	-0.0002	-0.0023	-0.0674	0.000111	-0.000112	0.000001
50	-0.0001	-0.0023	-0.0673	0.000111	0.000112	-0.000001
51	-0.0002	-0.0003	-0.0307	0.000034	-0.000010	-0.000001
52	-0.0003	0.0012	-0.0587	0.000019	0.000031	0.000000
53	0.0001	0.0017	-0.0518	0.000162	-0.000035	0.000000
54	0.0000	0.0002	-0.0368	0.000169	0.000008	0.000000
55	0.0001	-0.0024	-0.0541	0.000212	-0.000015	0.000000
56	-0.0001	-0.0024	-0.0541	0.000212	0.000015	-0.000001
57	0.0000	-0.0002	-0.0367	0.000167	-0.000008	-0.000001
58	-0.0001	0.0011	-0.0519	0.000160	0.000036	-0.000001
59	-0.0013	0.0016	-0.0234	-0.000108	0.000006	-0.000004
60	-0.0011	0.0000	-0.0205	-0.000068	0.000013	-0.000003
61	-0.0004	-0.0030	-0.0187	-0.000156	-0.000036	0.000000
62	0.0001	-0.0030	-0.0184	-0.000157	0.000037	0.000000
63	0.0007	-0.0005	-0.0194	-0.000073	-0.000011	0.000002
64	0.0008	0.0009	-0.0214	-0.000115	0.000000	0.000004
65	-0.0001	0.0018	-0.0220	0.000114	0.000001	0.000000
66	-0.0001	0.0003	-0.0218	0.000072	0.000001	0.000002
67	0.0000	-0.0023	-0.0220	0.000140	0.000005	0.000001
68	0.0000	-0.0023	-0.0221	0.000140	-0.000004	-0.000001
69	0.0002	-0.0002	-0.0220	0.000071	-0.000001	-0.000002
70	0.0002	0.0012	-0.0224	0.000112	-0.000001	-0.000001
71	-0.0002	0.0017	-0.0237	-0.000031	-0.000099	-0.000004
72	0.0001	0.0014	-0.0221	-0.000011	-0.000155	-0.000003
73	0.0003	0.0010	-0.0218	0.000046	-0.000090	0.000000

74	-0.0012	0.0016	-0.0239	0.000004	-0.000002	-0.000002
75	0.0000	0.0011	-0.0215	-0.000006	0.000000	-0.000003
76	-0.0001	0.0011	-0.0216	-0.000047	0.000090	0.000003
77	-0.0004	0.0008	-0.0213	-0.000013	0.000158	0.000003
78	-0.0003	0.0005	-0.0220	0.000044	0.000089	-0.000001
79	0.0007	0.0010	-0.0214	0.000007	-0.000004	0.000002
80	0.0001	0.0006	-0.0219	-0.000007	-0.000001	0.000002
81	-0.0002	-0.0027	-0.1543	-0.000270	0.000025	0.000000
82	-0.0002	-0.0027	-0.1541	-0.000270	-0.000023	0.000000
83	0.0003	0.0086	-0.0559	-0.000235	0.000060	0.000002
84	0.0004	0.0145	-0.0392	0.000191	-0.000173	-0.000036
85	-0.0004	0.0377	-0.3012	0.000759	-0.000305	-0.000012
86	-0.0004	0.0377	-0.3011	0.000760	0.000306	0.000012
87	-0.0011	0.0138	-0.0391	0.000191	0.000174	0.000038
88	-0.0011	0.0076	-0.0551	-0.000235	-0.000059	-0.000002
89	-0.0040	0.0092	-0.0643	0.000022	0.000036	0.000008
90	-0.0001	0.0379	-0.0721	0.000027	-0.000037	-0.000001
91	-0.0004	0.0379	-0.0720	0.000027	0.000038	0.000000
92	0.0034	0.0082	-0.0643	0.000021	-0.000036	-0.000009
93	0.0001	0.0098	-0.0542	0.000279	0.000018	-0.000036
94	0.0001	0.0313	-0.0375	0.000163	-0.000006	-0.000040
95	-0.0001	0.0386	-0.0567	0.000290	-0.000015	0.000000
96	-0.0002	0.0386	-0.0566	0.000290	0.000016	0.000000
97	-0.0003	0.0307	-0.0375	0.000163	0.000006	0.000041
98	-0.0004	0.0088	-0.0543	0.000279	-0.000018	0.000037
99	-0.0002	0.0377	-0.1589	0.000461	-0.000142	0.000002
100	-0.0006	0.0377	-0.1587	0.000461	0.000143	-0.000003
101	-0.0013	0.0030	-0.0221	-0.000032	0.000009	-0.000012
102	-0.0012	0.0018	-0.0212	-0.000014	0.000003	0.000027
103	0.0005	0.0014	-0.0220	0.000024	0.000006	-0.000006
104	0.0005	0.0019	-0.0211	0.000019	0.000006	-0.000002
105	-0.0005	0.0049	-0.0231	0.000056	0.000000	-0.000037
106	-0.0003	0.0041	-0.0204	0.000012	0.000000	0.000003
107	-0.0007	0.0014	-0.0239	0.000001	0.000009	-0.000005
108	-0.0009	0.0005	-0.0197	-0.000029	0.000004	-0.000004
109	-0.0007	0.0005	-0.0191	-0.000014	0.000001	0.000002
110	-0.0005	-0.0012	-0.0187	-0.000058	0.000011	0.000022
111	0.0004	0.0026	-0.0196	0.000014	0.000004	-0.000003
112	0.0003	0.0030	-0.0190	0.000011	0.000003	-0.000004
113	0.0002	0.0036	-0.0186	0.000018	0.000002	-0.000004
114	-0.0001	0.0065	-0.0185	0.000023	0.000000	-0.000002
115	-0.0003	-0.0016	-0.0183	-0.000070	0.000012	-0.000019
116	-0.0002	-0.0005	-0.0182	-0.000031	0.000001	0.000000
117	0.0000	-0.0016	-0.0182	-0.000070	-0.000011	0.000019
118	0.0001	0.0043	-0.0182	0.000019	0.000001	-0.000002
119	0.0000	0.0044	-0.0181	0.000015	0.000001	0.000000
120	0.0000	0.0044	-0.0181	0.000019	0.000000	0.000001
121	0.0000	0.0066	-0.0182	0.000023	0.000000	0.000002
122	0.0002	-0.0013	-0.0183	-0.000058	-0.000009	-0.000022
123	0.0004	0.0003	-0.0185	-0.000016	0.000000	-0.000002
124	0.0005	0.0001	-0.0188	-0.000032	-0.000002	0.000005
125	-0.0001	0.0037	-0.0182	0.000018	-0.000001	0.000004
126	-0.0002	0.0031	-0.0184	0.000011	-0.000002	0.000004
127	-0.0003	0.0027	-0.0187	0.000013	-0.000003	0.000003
128	0.0002	0.0041	-0.0193	0.000011	0.000000	-0.000003
129	0.0007	0.0014	-0.0198	-0.000017	-0.000001	-0.000027
130	0.0008	0.0024	-0.0204	-0.000036	-0.000008	0.000014
131	-0.0003	0.0021	-0.0197	0.000018	-0.000004	0.000002
132	-0.0003	0.0016	-0.0203	0.000022	-0.000004	0.000006
133	0.0003	0.0048	-0.0211	0.000054	0.000000	0.000036
134	0.0005	0.0011	-0.0215	-0.000005	-0.000001	0.000008
135	-0.0002	-0.0002	-0.0217	0.000040	0.000002	0.000024
136	-0.0002	-0.0007	-0.0216	0.000017	-0.000001	-0.000015
137	-0.0002	-0.0006	-0.0215	-0.000020	0.000000	0.000008
138	-0.0001	-0.0015	-0.0215	-0.000018	0.000000	0.000004
139	-0.0002	-0.0027	-0.0217	-0.000046	0.000000	0.000036
140	-0.0001	-0.0041	-0.0216	-0.000012	0.000000	0.000002
141	-0.0004	0.0008	-0.0216	0.000006	-0.000003	0.000006
142	-0.0001	-0.0012	-0.0215	0.000030	0.000001	0.000017
143	0.0000	-0.0031	-0.0215	0.000006	0.000000	0.000011
144	0.0000	-0.0032	-0.0216	0.000043	-0.000004	-0.000010
145	-0.0001	-0.0026	-0.0214	-0.000019	0.000000	0.000004

146	-0.0001	-0.0033	-0.0214	-0.000019	0.000000	0.000005
147	-0.0001	-0.0040	-0.0215	-0.000029	-0.000001	0.000004
148	0.0000	-0.0093	-0.0217	-0.000041	0.000000	0.000004
149	0.0000	-0.0038	-0.0217	0.000054	0.000001	0.000019
150	0.0000	-0.0049	-0.0217	0.000014	0.000000	0.000000
151	0.0000	-0.0038	-0.0218	0.000053	-0.000001	-0.000019
152	0.0000	-0.0049	-0.0216	-0.000034	0.000000	0.000002
153	0.0000	-0.0049	-0.0216	-0.000029	0.000000	0.000000
154	0.0000	-0.0048	-0.0216	-0.000034	0.000000	-0.000002
155	0.0000	-0.0093	-0.0218	-0.000040	0.000000	-0.000004
156	0.0000	-0.0033	-0.0217	0.000043	0.000003	0.000011
157	0.0001	-0.0033	-0.0216	0.000006	0.000000	-0.000010
158	0.0001	-0.0015	-0.0217	0.000028	-0.000001	-0.000016
159	0.0000	-0.0040	-0.0216	-0.000030	0.000000	-0.000004
160	0.0000	-0.0033	-0.0215	-0.000020	0.000000	-0.000005
161	0.0000	-0.0026	-0.0216	-0.000020	0.000000	-0.000004
162	0.0001	-0.0043	-0.0218	-0.000014	0.000000	-0.000001
163	0.0002	-0.0012	-0.0218	0.000015	0.000001	0.000016
164	0.0002	-0.0007	-0.0219	0.000038	-0.000003	-0.000023
165	0.0001	-0.0015	-0.0217	-0.000020	-0.000001	-0.000004
166	0.0001	-0.0006	-0.0218	-0.000022	-0.000001	-0.000008
167	0.0002	-0.0030	-0.0220	-0.000048	0.000000	-0.000036
168	0.0004	0.0005	-0.0220	0.000004	0.000002	-0.000006
169	-0.0017	0.0014	-0.0221	0.000005	-0.000054	-0.000020
170	-0.0031	0.0016	-0.0225	0.000000	-0.000004	-0.000002
171	-0.0018	0.0017	-0.0230	0.000014	-0.000044	0.000023
172	-0.0036	0.0008	-0.0220	0.000002	0.000029	0.000004
173	-0.0028	0.0007	-0.0224	0.000003	0.000022	0.000008
174	-0.0015	0.0007	-0.0228	0.000004	0.000023	0.000011
175	-0.0081	0.0011	-0.0219	0.000000	0.000038	-0.000001
176	-0.0036	0.0013	-0.0234	0.000000	0.000046	0.000039
177	-0.0013	0.0010	-0.0216	-0.000013	-0.000042	-0.000021
178	-0.0025	0.0011	-0.0216	0.000003	-0.000006	0.000001
179	-0.0012	0.0013	-0.0217	0.000005	-0.000056	0.000019
180	-0.0016	0.0009	-0.0214	0.000000	0.000019	-0.000010
181	-0.0027	0.0009	-0.0215	0.000001	0.000019	-0.000008
182	-0.0036	0.0008	-0.0216	0.000001	0.000027	-0.000004
183	-0.0031	0.0009	-0.0216	0.000000	0.000037	-0.000037
184	0.0013	0.0009	-0.0210	0.000003	0.000056	0.000020
185	0.0027	0.0010	-0.0211	-0.000003	0.000006	0.000001
186	0.0013	0.0011	-0.0212	0.000015	0.000043	-0.000022
187	0.0036	0.0009	-0.0209	0.000000	-0.000028	-0.000004
188	0.0027	0.0008	-0.0210	0.000001	-0.000020	-0.000008
189	0.0015	0.0008	-0.0211	0.000001	-0.000020	-0.000011
190	0.0080	0.0008	-0.0211	0.000000	-0.000038	0.000001
191	0.0031	0.0010	-0.0214	0.000000	-0.000039	-0.000039
192	0.0012	0.0005	-0.0215	-0.000015	0.000042	0.000021
193	0.0024	0.0006	-0.0212	0.000001	0.000007	-0.000001
194	0.0010	0.0007	-0.0211	0.000003	0.000057	-0.000020
195	0.0016	0.0010	-0.0214	-0.000002	-0.000019	0.000010
196	0.0027	0.0009	-0.0212	-0.000001	-0.000019	0.000008
197	0.0036	0.0009	-0.0210	-0.000001	-0.000027	0.000004
198	0.0030	0.0007	-0.0217	0.000000	-0.000037	0.000037
199	-0.0002	-0.0024	-0.0965	0.000493	-0.000176	0.000001
200	-0.0001	-0.0025	-0.1365	0.000398	-0.000087	0.000000
201	-0.0001	-0.0026	-0.1601	0.000125	-0.000009	0.000000
202	-0.0002	-0.0028	-0.1105	-0.000723	-0.000100	-0.000001
203	-0.0003	-0.0027	-0.0802	-0.000520	-0.000244	-0.000002
204	-0.0002	-0.0026	-0.0976	-0.000431	-0.000139	0.000000
205	-0.0002	-0.0026	-0.1038	-0.000401	0.000000	0.000000
206	-0.0001	-0.0026	-0.0975	-0.000432	0.000139	0.000000
207	-0.0001	-0.0027	-0.0801	-0.000520	0.000245	0.000002
208	-0.0002	-0.0028	-0.1103	-0.000723	0.000100	0.000000
209	-0.0002	-0.0026	-0.1599	0.000125	0.000011	0.000000
210	-0.0002	-0.0025	-0.1363	0.000397	0.000088	0.000000
211	-0.0002	-0.0024	-0.0964	0.000491	0.000177	-0.000001
212	-0.0001	-0.0025	-0.0831	0.000334	0.000228	-0.000002
213	-0.0001	-0.0026	-0.1000	0.000326	0.000145	0.000000
214	-0.0002	-0.0026	-0.1065	0.000320	0.000000	0.000000
215	-0.0002	-0.0026	-0.1000	0.000327	-0.000145	0.000000
216	-0.0002	-0.0025	-0.0831	0.000334	-0.000228	0.000002
217	-0.0004	0.0031	-0.0212	-0.000003	0.000000	-0.000015

218	-0.0004	0.0046	-0.0221	0.000015	0.000000	0.000036
219	-0.0002	0.0043	-0.0187	-0.000013	0.000000	-0.000026
220	-0.0002	0.0026	-0.0191	-0.000015	0.000000	0.000002
221	-0.0003	0.0033	-0.0196	-0.000006	0.000000	0.000007
222	0.0000	0.0050	-0.0181	-0.000014	0.000000	-0.000024
223	-0.0001	0.0035	-0.0181	-0.000024	0.000000	0.000000
224	-0.0001	0.0049	-0.0183	-0.000014	0.000000	0.000024
225	0.0001	0.0032	-0.0188	-0.000008	0.000000	-0.000008
226	0.0001	0.0026	-0.0184	-0.000016	0.000000	-0.000002
227	0.0001	0.0043	-0.0183	-0.000013	0.000000	0.000026
228	0.0002	0.0045	-0.0204	0.000012	0.000000	-0.000037
229	0.0002	0.0030	-0.0198	-0.000005	0.000000	0.000016
230	-0.0002	-0.0024	-0.0216	0.000005	0.000000	0.000021
231	-0.0001	-0.0029	-0.0216	-0.000007	0.000000	-0.000029
232	-0.0001	-0.0066	-0.0216	-0.000001	0.000000	0.000031
233	-0.0001	-0.0040	-0.0215	0.000008	0.000000	0.000005
234	-0.0001	-0.0039	-0.0215	0.000004	0.000000	-0.000003
235	0.0000	-0.0078	-0.0217	-0.000003	0.000000	0.000024
236	0.0000	-0.0064	-0.0217	0.000008	0.000000	0.000000
237	0.0000	-0.0078	-0.0217	-0.000003	0.000000	-0.000024
238	0.0001	-0.0040	-0.0216	0.000003	0.000000	0.000004
239	0.0001	-0.0041	-0.0216	0.000007	0.000000	-0.000005
240	0.0001	-0.0066	-0.0217	-0.000002	0.000000	-0.000031
241	0.0001	-0.0032	-0.0219	-0.000009	0.000000	0.000029
242	0.0001	-0.0026	-0.0218	0.000004	0.000000	-0.000021
243	-0.0045	0.0012	-0.0229	0.000000	0.000012	-0.000021
244	-0.0037	0.0012	-0.0224	0.000000	-0.000007	0.000008
245	-0.0060	0.0011	-0.0221	0.000000	0.000000	0.000029
246	-0.0058	0.0010	-0.0217	0.000000	-0.000002	-0.000031
247	-0.0034	0.0010	-0.0215	0.000000	-0.000008	-0.000007
248	-0.0040	0.0010	-0.0215	0.000000	0.000009	0.000018
249	0.0041	0.0009	-0.0212	0.000000	-0.000010	0.000019
250	0.0035	0.0009	-0.0210	0.000000	0.000008	-0.000007
251	0.0059	0.0009	-0.0210	0.000000	0.000001	-0.000030
252	0.0057	0.0008	-0.0211	0.000000	0.000002	0.000031
253	0.0033	0.0008	-0.0212	0.000000	0.000008	0.000007
254	0.0040	0.0008	-0.0215	0.000000	-0.000009	-0.000018
255	-0.0002	-0.0025	-0.1132	0.000375	0.000205	0.000000
256	-0.0002	-0.0026	-0.1435	0.000322	0.000102	0.000000
257	-0.0002	-0.0026	-0.1611	0.000086	0.000023	0.000000
258	-0.0002	-0.0026	-0.1536	-0.000262	0.000001	0.000000
259	-0.0002	-0.0027	-0.1220	-0.000480	0.000129	0.000000
260	-0.0002	-0.0026	-0.1317	-0.000364	0.000085	0.000000
261	-0.0002	-0.0026	-0.1352	-0.000340	0.000000	0.000000
262	-0.0002	-0.0026	-0.1312	-0.000366	-0.000085	0.000000
263	-0.0002	-0.0027	-0.1214	-0.000481	-0.000131	0.000000
264	-0.0002	-0.0026	-0.1277	0.000316	0.000122	0.000000
265	-0.0002	-0.0026	-0.1514	0.000231	0.000074	0.000000
266	-0.0002	-0.0026	-0.1630	0.000033	0.000024	0.000000
267	-0.0002	-0.0026	-0.1557	-0.000198	0.000041	0.000000
268	-0.0002	-0.0026	-0.1574	-0.000179	0.000000	0.000000
269	-0.0002	-0.0026	-0.1555	-0.000202	-0.000041	0.000000
270	-0.0002	-0.0027	-0.1532	-0.000272	-0.000001	0.000000
271	-0.0002	-0.0026	-0.1333	0.000300	0.000000	0.000000
272	-0.0002	-0.0026	-0.1548	0.000196	0.000000	0.000000
273	-0.0002	-0.0026	-0.1641	0.000022	0.000000	0.000000
274	-0.0002	-0.0026	-0.1631	0.000029	-0.000023	0.000000
275	-0.0001	-0.0026	-0.1614	0.000079	-0.000021	0.000000
276	-0.0002	-0.0026	-0.1280	0.000316	-0.000122	0.000000
277	-0.0002	-0.0026	-0.1517	0.000229	-0.000073	0.000000
278	-0.0001	-0.0026	-0.1441	0.000320	-0.000099	0.000000
279	-0.0002	-0.0025	-0.1136	0.000376	-0.000203	0.000000

2.1.3.2 Sollecitazioni SLU

Tabella 10.I

Sollecitazioni									
Asta	Imp.	Fili	X [cm]	N [daN]	Mt [daNm]	Mxz [daNm]	Txz [daN]	Mxy [daNm]	Txy [daN]

1	FONDAZ IONE	1, 2	0	-171.40	-56.53	298.96	-1889.45	-26.95	-18.31
			218	-166.68	-56.33	-1272.08	265.11	1.80	-8.99
			435	-162.93	-56.13	1157.84	1994.52	16.26	-5.13
2	FONDAZ IONE	7, 1	0	182.96	-49.06	3231.11	-3393.01	12.97	1.59
			260	167.16	-48.79	-1571.25	-522.29	1.55	7.24
			520	152.74	-48.53	176.56	2046.42	-25.88	13.94
3	FONDAZ IONE	2, 3	0	-286.82	166.80	1184.37	-1963.81	-12.99	-4.51
			268	-283.99	167.06	-1130.47	242.88	-0.82	-5.80
			535	-283.65	167.36	3386.03	3403.41	25.32	-14.95
4	FONDAZ IONE	8, 2	0	161.45	-16.04	1281.99	-1471.75	14.26	4.48
			260	157.58	-16.04	-934.59	-316.25	-0.97	7.44
			520	155.01	-16.05	-254.64	1018.10	-25.99	11.87
5	FONDAZ IONE	3, 4	0	110.37	-1.46	3033.60	-3439.37	15.38	12.28
			265	110.17	-1.14	-1335.97	-0.92	-0.58	-0.32
			530	110.92	-0.82	3023.52	3432.01	17.19	-13.03
6	FONDAZ IONE	9, 3	0	1239.29	31.27	3473.41	-3766.15	6.23	3.98
			260	1235.74	31.23	-1859.22	-603.50	-2.83	3.18
			520	1242.44	31.20	-76.65	2197.85	-11.02	3.05
7	FONDAZ IONE	4, 5	0	-279.06	-168.65	3370.30	-3391.34	25.45	15.03
			268	-278.81	-168.35	-1126.46	-239.28	-0.82	5.83
			535	-281.01	-168.09	1190.92	1961.93	-13.24	4.70
8	FONDAZ IONE	10, 4	0	1238.96	-31.01	3470.20	-3761.35	-4.70	-3.38
			260	1235.57	-30.98	-1855.85	-603.19	2.99	-2.66
			520	1242.42	-30.95	-80.37	2191.27	9.42	-2.16
9	FONDAZ IONE	5, 6	0	-154.39	49.85	1160.66	-1985.22	14.38	4.16
			218	-157.57	50.04	-1258.91	-266.57	1.85	8.17
			435	-161.67	50.25	282.15	1859.53	-25.17	17.53
10	FONDAZ IONE	11, 5	0	165.66	17.96	1279.22	-1469.56	-12.78	-3.91
			260	161.51	17.96	-931.94	-314.51	1.08	-6.89
			520	158.70	17.97	-250.75	1016.23	24.17	-10.86
11	FONDAZ IONE	12, 6	0	196.02	55.28	3228.05	-3384.16	-11.36	-1.01
			260	180.02	55.01	-1558.29	-521.00	-1.39	-6.63
			520	165.51	54.75	160.17	2016.90	23.82	-12.77
12	FONDAZ IONE	7, 8	0	-230.92	-8.75	534.14	-1897.91	-41.57	-27.50
			215	-226.80	-8.76	-1183.89	74.62	4.24	-16.05
			430	-223.97	-8.77	300.27	1271.74	31.88	-10.45
13	FONDAZ IONE	13, 7	0	111.10	71.85	137.07	-1931.22	22.95	4.25
			240	94.87	72.08	-1357.79	573.13	6.01	9.61
			480	79.30	72.33	3191.22	3369.05	-23.60	15.16
14	FONDAZ IONE	8, 9	0	-226.50	-58.78	297.60	-1232.69	11.08	0.17
			270	-224.61	-58.80	-1024.71	339.46	4.33	5.06
			540	-224.73	-58.84	3507.56	3355.31	-19.08	12.82
15	FONDAZ IONE	14, 8	0	138.26	-2.87	-63.72	-1038.53	1.76	-2.07
			245	132.49	-2.87	-799.84	306.66	1.93	1.71
			490	127.68	-2.87	1348.64	1494.89	-5.98	4.63
16	FONDAZ IONE	9, 10	0	134.94	0.02	3132.07	-3472.83	-8.49	-8.83
			265	134.26	-0.03	-1293.80	-0.27	3.36	-0.22
			530	134.72	-0.08	3128.36	3469.70	-7.20	8.27
17	FONDAZ IONE	15, 9	0	368.96	-36.10	-151.48	-1814.86	-13.96	-5.36
			240	357.18	-36.13	-1341.72	759.83	-1.78	-4.87
			480	347.93	-36.16	4056.47	3924.97	10.46	-5.53
18	FONDAZ IONE	10, 11	0	-222.94	58.34	3498.73	-3349.55	-18.37	-12.53
			270	-223.03	58.30	-1024.13	-337.80	4.40	-4.84
			540	-225.11	58.28	301.46	1233.85	10.37	0.24
19	FONDAZ	16, 10	0	369.15	36.53	-151.81	-1812.90	13.70	5.29

	IONE								
			240	357.51	36.55	-1340.42	759.22	1.81	4.68
			480	348.40	36.59	4052.19	3920.70	-9.75	5.14
20	FONDAZ IONE	11, 12	0	-221.12	6.75	298.86	-1270.56	30.66	9.71
			215	-224.09	6.74	-1182.57	-73.32	4.33	15.56
			430	-228.32	6.73	537.98	1898.65	-40.65	27.21
21	FONDAZ IONE	17, 11	0	139.71	3.35	-69.68	-1035.22	-2.34	1.89
			245	133.64	3.35	-799.61	308.55	-1.94	-2.01
			490	128.56	3.35	1353.62	1496.98	6.91	-5.10
22	FONDAZ IONE	18, 12	0	115.75	-69.68	129.00	-1929.34	-22.86	-4.21
			240	99.24	-69.91	-1358.22	577.05	-5.86	-9.71
			480	83.43	-70.16	3201.04	3373.18	24.16	-15.41
23	FONDAZ IONE	13, 14	0	-188.57	39.17	270.73	-1815.20	-19.94	-19.55
			218	-182.85	39.01	-1209.58	281.82	8.26	-7.36
			435	-178.18	38.86	1212.05	1966.28	15.98	-0.36
24	FONDAZ IONE	14, 15	0	-275.51	5.03	1233.35	-1878.83	17.45	0.23
			265	-271.72	4.86	-1010.35	166.34	7.83	7.41
			530	-270.26	4.68	2718.96	2858.38	-26.41	19.39
25	FONDAZ IONE	15, 16	0	-39.99	0.25	2651.46	-2958.99	-17.27	-14.97
			270	-39.87	0.08	-1166.50	-0.28	3.05	-0.11
			540	-40.11	-0.10	2648.40	2956.77	-16.56	14.65
26	FONDAZ IONE	16, 17	0	-270.77	-5.30	2715.69	-2855.57	-25.18	-18.91
			265	-272.35	-5.48	-1009.84	-166.20	7.93	-7.01
			530	-276.27	-5.66	1231.49	1876.97	16.27	0.38
27	FONDAZ IONE	17, 18	0	-178.54	-40.84	1208.96	-1964.87	15.64	0.10
			218	-183.31	-40.99	-1210.48	-280.87	8.21	7.37
			435	-189.15	-41.15	273.97	1818.58	-20.30	19.83
28	FONDAZ IONE	19, 20	0	8.91	165.95	55.89	-260.76	-226.11	-230.60
			72	12.60	165.96	-34.65	8.89	-58.93	-236.41
			143	16.29	165.97	65.53	271.74	113.51	-245.38
29	FONDAZ IONE	19, 20	0	-118.30	-41.67	66.06	-263.15	120.00	54.14
			72	-114.63	-41.66	-31.05	-7.06	85.31	42.23
			143	-111.04	-41.64	52.85	242.17	59.92	28.38
30	FONDAZ IONE	19, 20	0	-306.33	-48.00	53.36	-243.95	42.55	68.45
			72	-302.87	-47.99	-34.81	-1.35	-1.17	53.38
			143	-299.59	-47.98	48.58	234.98	-33.74	37.34
31	FONDAZ IONE	34, 19	0	-121.04	-15.78	68.37	-284.42	-10.34	204.03
			70	-117.34	-15.78	-33.95	-7.08	-151.53	199.55
			140	-113.71	-15.77	55.34	263.18	-289.82	195.48
32	FONDAZ IONE	20, 21	0	-439.74	3.00	49.03	-231.46	-38.10	-20.01
			71	-436.70	3.01	-34.48	-2.28	-17.83	-37.09
			143	-433.93	3.01	43.37	221.59	15.09	-55.58
33	FONDAZ IONE	20, 21	0	-533.18	-24.63	43.74	-220.93	-7.93	48.87
			71	-530.70	-24.63	-35.81	-1.83	-35.72	28.88
			143	-528.54	-24.62	39.23	213.11	-48.69	7.18
34	FONDAZ IONE	20, 21	0	-511.35	62.71	39.50	-207.93	-34.24	-46.27
			71	-509.50	62.72	-33.47	3.53	7.08	-70.09
			143	-507.96	62.73	43.18	212.14	66.18	-96.18
35	FONDAZ IONE	20, 21	0	-406.89	-46.44	43.36	-208.25	108.47	136.34
			71	-405.63	-46.43	-31.63	-2.00	21.20	108.37
			143	-404.61	-46.42	39.60	202.30	-45.64	79.05
36	FONDAZ IONE	21, 22	0	-349.63	61.79	39.70	-184.82	-48.01	-108.80
			63	-348.93	61.80	-20.24	-6.78	28.32	-135.68
			125	-348.39	61.81	30.74	170.16	121.82	-163.68
37	FONDAZ IONE	21, 22	0	-345.32	-46.19	30.83	-175.91	85.58	86.45

			63	-344.94	-46.18	-24.14	0.10	40.49	57.77
			125	-344.72	-46.17	30.69	175.42	13.41	28.85
38	FONDAZIONE	21, 22	0	-329.75	45.84	30.73	-174.77	13.53	-29.27
			63	-329.68	45.85	-23.83	0.13	40.88	-58.23
			125	-329.78	45.86	30.86	174.85	86.28	-87.01
39	FONDAZIONE	21, 22	0	-303.63	-63.20	30.85	-167.93	122.57	164.44
			63	-303.87	-63.19	-19.44	6.84	28.65	136.28
			125	-304.25	-63.18	39.57	181.81	-48.00	109.19
40	FONDAZIONE	22, 23	0	-330.84	44.92	39.56	-197.64	-45.93	-78.98
			71	-331.46	44.93	-30.00	2.04	20.97	-108.60
			143	-332.27	44.94	42.91	202.39	108.54	-136.96
41	FONDAZIONE	22, 23	0	-406.98	-65.01	42.83	-204.82	65.49	97.27
			71	-408.01	-65.00	-31.20	-3.43	5.77	70.73
			143	-409.30	-64.99	38.75	199.40	-35.81	46.36
42	FONDAZIONE	22, 23	0	-406.17	24.15	38.59	-202.88	-50.28	-8.35
			71	-407.70	24.16	-32.80	1.91	-36.26	-30.69
			143	-409.48	24.17	42.59	209.26	-6.92	-51.44
43	FONDAZIONE	22, 23	0	-300.56	-6.03	42.35	-208.23	16.93	58.86
			71	-302.56	-6.03	-30.83	2.16	-18.03	39.50
			143	-304.74	-6.02	47.08	216.02	-39.67	21.45
44	FONDAZIONE	23, 24	0	-171.74	47.50	46.79	-217.53	-34.92	-39.31
			72	-174.07	47.51	-30.41	1.38	-0.55	-56.44
			143	-176.52	47.52	50.70	224.42	45.78	-72.71
45	FONDAZIONE	23, 24	0	-6.44	40.19	50.37	-223.13	63.07	-28.23
			72	-8.94	40.20	-27.80	4.26	88.82	-43.39
			143	-11.44	40.21	58.54	236.12	124.82	-56.66
46	FONDAZIONE	23, 24	0	83.41	-166.91	58.19	-234.46	120.04	245.86
			72	80.93	-166.90	-24.90	1.81	-52.25	235.51
			143	78.50	-166.89	62.77	242.29	-218.30	228.37
47	FONDAZIONE	24, 39	0	-32.71	18.33	62.47	-284.01	-280.73	-195.64
			70	-35.07	18.33	-52.50	-45.25	-141.91	-200.89
			140	-37.45	18.34	1.09	197.97	0.57	-206.33
48	FONDAZIONE	25, 26	0	170.34	-163.38	67.46	-255.36	213.25	232.24
			72	169.05	-163.38	-24.89	-3.13	47.92	229.88
			143	167.86	-163.39	63.51	249.26	-117.35	232.15
49	FONDAZIONE	25, 26	0	172.48	22.59	63.52	-254.83	-125.91	-47.44
			72	171.40	22.58	-28.45	-2.58	-94.05	-40.83
			143	170.42	22.57	60.16	249.38	-68.16	-30.96
50	FONDAZIONE	25, 26	0	98.39	24.36	60.19	-252.21	-55.09	-68.10
			72	97.49	24.35	-30.17	-0.61	-10.56	-55.80
			143	96.65	24.34	59.58	250.64	24.41	-41.44
51	FONDAZIONE	35, 25	0	-8.96	20.07	-10.30	-190.96	28.80	-171.89
			70	-10.26	20.07	-57.44	55.23	151.48	-178.54
			140	-11.57	20.07	67.50	301.16	278.49	-184.01
52	FONDAZIONE	26, 27	0	32.46	-32.44	59.60	-252.05	30.25	22.34
			71	31.67	-32.45	-30.90	-2.60	8.63	38.73
			143	30.89	-32.46	56.15	246.56	-25.48	57.39
53	FONDAZIONE	26, 27	0	-30.94	-3.69	56.16	-251.00	-3.73	-55.63
			71	-31.71	-3.70	-33.78	-2.00	28.59	-34.71
			143	-32.51	-3.72	53.64	247.08	45.16	-11.40
54	FONDAZIONE	26, 27	0	25.97	-93.20	53.61	-244.60	26.11	44.45
			71	25.17	-93.21	-31.64	4.86	-14.66	70.49
			143	24.39	-93.23	61.00	254.93	-75.00	99.33
55	FONDAZIONE	26, 27	0	155.25	26.42	60.95	-253.39	-121.83	-142.49
			71	154.53	26.40	-30.14	-2.68	-31.30	-111.32

			143	153.89	26.39	57.54	248.64	36.41	-78.48
56	FONDAZ IONE	27, 28	0	203.84	-75.15	57.49	-230.31	39.02	106.95
			63	203.37	-75.16	-17.30	-9.29	-37.18	137.11
			125	203.00	-75.18	46.08	211.91	-132.63	168.52
57	FONDAZ IONE	27, 28	0	168.16	43.94	46.08	-222.01	-95.52	-93.57
			63	167.87	43.92	-23.47	-0.77	-47.06	-61.44
			125	167.66	43.90	45.22	220.51	-18.76	-29.09
58	FONDAZ IONE	27, 28	0	164.25	-44.41	45.22	-220.75	-18.57	28.16
			63	164.12	-44.42	-23.55	0.59	-46.28	60.49
			125	164.07	-44.44	46.01	222.03	-94.13	92.56
59	FONDAZ IONE	27, 28	0	192.71	73.58	46.00	-212.37	-131.00	-168.07
			63	192.74	73.56	-17.50	9.16	-35.80	-136.76
			125	192.86	73.55	57.42	230.67	40.22	-106.71
60	FONDAZ IONE	28, 29	0	137.96	-28.22	57.46	-249.47	37.69	78.30
			71	138.19	-28.24	-30.48	2.58	-29.84	110.99
			143	138.50	-28.26	60.94	254.23	-120.09	142.01
61	FONDAZ IONE	28, 29	0	4.20	90.26	60.97	-256.18	-73.88	-98.70
			71	4.56	90.24	-32.07	-4.94	-13.95	-70.00
			143	4.91	90.23	53.69	245.93	26.52	-44.07
62	FONDAZ IONE	28, 29	0	-55.27	0.95	53.70	-248.85	44.82	11.53
			71	-54.93	0.94	-34.31	1.91	28.18	34.76
			143	-54.62	0.93	56.34	252.88	-4.16	55.62
63	FONDAZ IONE	28, 29	0	6.64	29.90	56.31	-248.93	-26.32	-57.06
			71	6.94	29.89	-31.54	2.51	7.56	-38.44
			143	7.24	29.88	59.91	254.56	28.99	-22.09
64	FONDAZ IONE	29, 30	0	73.15	-26.64	59.86	-253.67	23.18	41.67
			72	73.47	-26.65	-30.92	0.55	-11.94	56.00
			143	73.84	-26.66	60.68	255.50	-56.59	68.25
65	FONDAZ IONE	29, 30	0	150.60	-24.29	60.62	-253.10	-69.83	30.50
			72	151.04	-24.31	-29.24	2.60	-95.37	40.30
			143	151.57	-24.32	64.33	259.03	-126.81	46.78
66	FONDAZ IONE	29, 30	0	155.32	162.57	64.28	-254.13	-118.07	-233.01
			72	155.95	162.56	-25.86	2.88	47.88	-230.92
			143	156.67	162.55	68.22	260.20	214.04	-233.53
67	FONDAZ IONE	30, 40	0	-13.68	-20.20	68.22	-305.44	280.25	182.49
			70	-12.93	-20.20	-57.72	-54.06	154.40	176.73
			140	-12.19	-20.20	-7.61	198.04	33.09	169.76
68	FONDAZ IONE	32, 31	0	-241.87	62.76	46.44	-232.53	36.78	-110.89
			65	-236.37	62.78	-30.14	0.47	117.31	-136.88
			130	-230.99	62.79	45.25	235.22	214.61	-162.29
69	FONDAZ IONE	32, 31	0	-244.11	-68.95	45.08	-235.32	170.03	103.69
			65	-238.85	-68.94	-32.08	1.44	110.44	80.08
			130	-233.71	-68.93	45.37	240.51	65.29	59.40
70	FONDAZ IONE	32, 31	0	-171.84	12.29	45.14	-236.83	55.61	-21.75
			65	-166.80	12.30	-31.38	4.87	75.51	-38.80
			130	-161.85	12.31	50.11	249.49	105.15	-51.65
71	FONDAZ IONE	32, 31	0	-80.90	-179.64	49.84	-235.56	100.17	268.79
			65	-76.01	-179.63	-23.89	12.17	-71.66	260.78
			130	-71.16	-179.62	64.38	263.01	-239.89	257.65
72	FONDAZ IONE	31, 34	0	-123.95	15.49	64.13	-319.69	-284.11	-190.95
			70	-118.78	15.50	-65.18	-46.32	-150.50	-190.26
			140	-113.67	15.50	-1.75	231.50	-18.26	-187.28
73	FONDAZ IONE	33, 32	0	-87.79	173.71	64.19	-240.84	-248.71	-231.87
			65	-81.54	173.71	-19.65	-13.31	-96.61	-236.74
			130	-75.33	173.72	44.39	214.22	59.92	-245.63

74	FONDAZ IONE	33, 32	0	-171.60	4.22	44.39	-226.62	69.34	41.51
			65	-165.45	4.23	-30.18	0.90	46.40	28.39
			130	-159.39	4.24	43.17	228.64	33.26	11.44
75	FONDAZ IONE	33, 32	0	-235.48	81.53	43.12	-225.67	48.71	-63.97
			65	-229.51	81.54	-30.59	2.58	96.75	-84.41
			130	-223.67	81.56	44.29	231.64	159.06	-107.74
76	FONDAZ IONE	33, 32	0	-237.28	-50.93	44.20	-226.78	207.40	158.66
			65	-231.55	-50.92	-29.61	3.35	112.40	133.45
			130	-225.93	-50.91	46.58	234.81	34.06	107.53
77	FONDAZ IONE	35, 33	0	-80.07	-11.31	-38.26	-170.22	-40.87	182.76
			70	-73.26	-11.31	-72.68	75.27	-168.35	181.43
			140	-66.48	-11.31	64.23	319.90	-294.66	179.13
78	FONDAZ IONE	37, 36	0	-166.24	-59.96	45.28	-220.48	-36.94	111.77
			65	-160.19	-59.98	-27.46	0.28	-118.00	137.61
			130	-154.22	-59.99	43.21	220.87	-215.70	162.83
79	FONDAZ IONE	37, 36	0	-178.80	74.89	43.21	-219.52	-169.31	-106.28
			65	-172.91	74.87	-28.95	1.08	-107.96	-82.90
			130	-167.11	74.86	42.33	221.93	-60.90	-62.47
80	FONDAZ IONE	37, 36	0	-133.48	-3.61	42.29	-218.79	-47.35	14.29
			65	-127.76	-3.62	-29.15	2.57	-62.31	31.09
			130	-122.10	-3.63	43.52	224.71	-86.89	43.79
81	FONDAZ IONE	37, 36	0	-71.65	169.48	43.43	-204.69	-78.94	-251.06
			65	-66.04	169.47	-18.26	18.44	81.36	-242.99
			130	-60.47	169.46	65.38	242.52	237.94	-239.48
82	FONDAZ IONE	36, 39	0	-93.14	-27.13	65.34	-320.55	278.58	190.14
			70	-87.18	-27.13	-75.59	-78.65	145.28	190.25
			140	-81.27	-27.13	-46.71	165.22	12.66	188.44
83	FONDAZ IONE	38, 37	0	-59.84	-171.15	65.30	-242.75	250.38	233.41
			65	-53.26	-171.15	-19.27	-13.74	97.42	237.85
			130	-46.71	-171.16	44.47	213.67	-59.71	246.39
84	FONDAZ IONE	38, 37	0	-125.48	-2.30	44.61	-224.85	-69.37	-40.10
			65	-118.97	-2.32	-29.36	0.93	-47.24	-27.26
			130	-112.53	-2.33	42.92	225.28	-34.76	-10.52
85	FONDAZ IONE	38, 37	0	-172.75	-80.29	43.02	-220.64	-50.63	65.68
			65	-166.38	-80.30	-29.06	2.55	-99.73	85.96
			130	-160.09	-80.31	43.60	224.82	-163.01	109.18
86	FONDAZ IONE	38, 37	0	-163.41	54.75	43.66	-218.39	-211.65	-161.04
			65	-157.20	54.74	-27.47	3.20	-115.07	-135.94
			130	-151.07	54.72	45.25	224.30	-35.07	-110.14
87	FONDAZ IONE	40, 38	0	-69.60	13.98	-38.45	-174.20	45.64	-180.21
			70	-62.44	13.98	-73.79	76.50	171.53	-179.43
			140	-55.33	13.98	65.20	324.50	296.62	-177.65
88	PRIMO IMPALC ATO	1, 2	0	-155.28	-13.98	84.04	1.43	40.30	17.99
			215	-155.28	-13.98	40.89	-41.57	1.63	17.99
			430	-155.28	-13.98	-94.70	-84.57	-37.04	17.99
89	PRIMO IMPALC ATO	7, 1	0	21.40	515.10	-1960.09	2226.15	5.24	5.62
			260	21.40	-4.90	1022.50	68.15	-9.37	5.62
			520	21.40	-524.90	-1605.71	-2089.85	-23.98	5.62
90	PRIMO IMPALC ATO	1, 19	0	-444.61	230.29	148.50	401.79	-122.10	-145.63
			78	-444.61	74.56	43.03	-672.71	-8.71	-145.63
			156	-444.61	-81.16	-899.07	-1747.20	104.68	-145.63
91	PRIMO IMPALC ATO	31, 1	0	-355.98	-155.52	-686.30	989.04	51.99	64.92

			78	-355.98	-155.52	59.54	926.75	1.44	64.92
			156	-355.98	-155.52	756.87	864.46	-49.11	64.92
92	PRIMO IMPALC ATO	2, 3	0	238.34	-51.62	-73.31	43.88	32.72	11.96
			270	238.34	-51.62	-27.75	-10.13	0.42	11.96
			540	238.34	-51.62	-128.04	-64.14	-31.88	11.96
93	PRIMO IMPALC ATO	8, 2	0	-106.73	12.27	-2250.35	2512.46	-16.50	-3.64
			260	-106.73	12.27	1153.31	105.74	-7.03	-3.64
			520	-106.73	12.27	-1700.48	-2300.97	2.43	-3.64
94	PRIMO IMPALC ATO	2, 20	0	-65.49	-60.66	-671.37	1328.94	-55.41	-59.48
			78	-65.49	-60.66	-62.22	235.75	-9.10	-59.48
			156	-65.49	-60.66	-304.24	-857.43	37.21	-59.48
95	PRIMO IMPALC ATO	3, 4	0	39.62	-306.08	-386.24	436.14	-35.34	-65.41
			44	39.62	-306.08	-195.57	427.31	-6.45	-65.41
			88	39.62	-306.08	-8.79	418.48	22.44	-65.41
96	PRIMO IMPALC ATO	3, 4	0	130.65	173.58	131.36	151.10	22.34	26.34
			44	130.65	173.58	196.14	142.27	10.71	26.34
			88	130.65	173.58	257.03	133.43	-0.93	26.34
97	PRIMO IMPALC ATO	3, 4	0	137.82	60.08	233.79	59.70	-0.94	-4.42
			44	137.82	60.08	258.20	50.86	1.02	-4.42
			88	137.82	60.08	278.72	42.03	2.97	-4.42
98	PRIMO IMPALC ATO	3, 4	0	137.63	-61.28	278.60	-41.18	2.97	4.38
			44	137.63	-61.28	258.46	-50.02	1.03	4.38
			88	137.63	-61.28	234.42	-58.85	-0.90	4.38
99	PRIMO IMPALC ATO	3, 4	0	130.51	-173.45	257.32	-133.53	-0.89	-26.02
			44	130.51	-173.45	196.39	-142.36	10.60	-26.02
			88	130.51	-173.45	131.57	-151.20	22.09	-26.02
100	PRIMO IMPALC ATO	3, 4	0	40.31	307.57	-8.12	-419.24	22.19	63.27
			44	40.31	307.57	-195.24	-428.08	-5.75	63.27
			88	40.31	307.57	-386.25	-436.91	-33.70	63.27
101	PRIMO IMPALC ATO	3, 21	0	-234.07	230.23	-545.91	1112.03	5.86	-2.68
			83	-234.07	230.23	-126.01	-98.27	8.08	-2.68
			166	-234.07	230.23	-708.72	-1308.56	10.31	-2.68
102	PRIMO IMPALC ATO	41, 3	0	-667.49	-476.65	1936.62	-1271.79	10.87	43.30
			41	-667.49	-476.65	1365.72	-1496.19	-6.99	43.30
			83	-667.49	-476.65	702.26	-1720.59	-24.85	43.30
103	PRIMO IMPALC ATO	41, 3	0	-843.35	-146.63	-270.48	-1791.73	-24.87	-34.39
			41	-843.35	-146.63	-1055.86	-2016.13	-10.69	-34.39
			83	-843.35	-146.63	-1933.79	-2240.53	3.50	-34.39
104	PRIMO IMPALC ATO	4, 5	0	224.62	50.41	-129.95	64.91	-28.14	-10.51
			270	224.62	50.41	-27.59	10.90	0.24	-10.51
			540	224.62	50.41	-71.07	-43.11	28.62	-10.51
105	PRIMO IMPALC ATO	4, 22	0	-237.95	-229.82	-537.21	1098.31	-2.08	4.94
			83	-237.95	-229.82	-125.93	-105.36	-6.17	4.94
			166	-237.95	-229.82	-711.77	-1309.03	-10.26	4.94
106	PRIMO IMPALC	42, 4	0	-670.87	474.48	1937.05	-1271.84	-10.89	-42.79

	ATO								
			41	-670.87	474.48	1366.48	-1494.59	6.76	-42.79
			83	-670.87	474.48	704.01	-1717.34	24.41	-42.79
107	PRIMO IMPALC ATO	42, 4	0	-848.59	147.72	-275.40	-1781.46	24.43	26.85
			41	-848.59	147.72	-1056.20	-2004.21	13.36	26.85
			83	-848.59	147.72	-1928.87	-2226.96	2.28	26.85
108	PRIMO IMPALC ATO	5, 6	0	-160.48	13.08	-97.97	86.93	-32.45	-15.65
			215	-160.48	13.08	42.71	43.93	1.19	-15.65
			430	-160.48	13.08	90.94	0.93	34.83	-15.65
109	PRIMO IMPALC ATO	11, 5	0	-113.65	-11.74	-2254.07	2516.15	16.35	3.67
			260	-113.65	-11.74	1156.23	107.16	6.82	3.67
			520	-113.65	-11.74	-1696.84	-2301.83	-2.71	3.67
110	PRIMO IMPALC ATO	5, 23	0	-72.51	61.70	-654.53	1316.56	45.58	49.53
			78	-72.51	61.70	-58.66	214.03	7.01	49.53
			156	-72.51	61.70	-321.23	-888.49	-31.55	49.53
111	PRIMO IMPALC ATO	12, 6	0	-3.00	-513.09	-1976.56	2243.82	-1.87	-3.89
			260	-3.00	6.91	1031.68	70.22	8.25	-3.89
			520	-3.00	526.91	-1611.44	-2103.38	18.37	-3.89
112	PRIMO IMPALC ATO	6, 24	0	-463.15	-231.38	160.40	399.00	105.31	123.07
			78	-463.15	-75.66	46.70	-691.07	9.48	123.07
			156	-463.15	80.07	-915.76	-1781.14	-86.34	123.07
113	PRIMO IMPALC ATO	6, 36	0	-331.36	141.95	798.02	-935.23	-44.59	-59.45
			78	-331.36	141.95	45.58	-997.52	1.70	-59.45
			156	-331.36	141.95	-755.35	-1059.81	47.99	-59.45
114	PRIMO IMPALC ATO	7, 8	0	-65.93	5.66	61.45	92.93	19.91	8.89
			215	-65.93	5.66	76.35	-79.07	0.79	8.89
			430	-65.93	5.66	-278.56	-251.07	-18.33	8.89
115	PRIMO IMPALC ATO	13, 7	0	109.69	494.39	-1370.57	1954.00	-4.90	-2.14
			245	109.69	4.39	907.69	-94.20	0.35	-2.14
			490	109.69	-485.61	-1832.13	-2142.40	5.59	-2.14
116	PRIMO IMPALC ATO	32, 7	0	-267.40	20.36	-792.61	1233.36	-10.73	-24.68
			78	-267.40	20.36	143.46	1171.07	8.49	-24.68
			156	-267.40	20.36	1031.03	1108.78	27.71	-24.68
117	PRIMO IMPALC ATO	8, 9	0	-56.59	25.30	-263.55	228.01	16.52	6.04
			270	-56.59	25.30	60.49	12.00	0.21	6.04
			540	-56.59	25.30	-198.72	-204.01	-16.10	6.04
118	PRIMO IMPALC ATO	14, 8	0	-67.41	1.31	-1501.59	2200.53	-15.25	-6.74
			245	-67.41	1.31	1023.17	-139.50	1.27	-6.74
			490	-67.41	1.31	-2185.15	-2479.54	17.79	-6.74
119	PRIMO IMPALC ATO	9, 10	0	37.28	437.25	-320.17	261.19	27.51	52.29
			44	37.28	437.25	-212.62	225.85	4.41	52.29
			88	37.28	437.25	-120.67	190.52	-18.68	52.29
120	PRIMO IMPALC ATO	9, 10	0	111.75	-14.74	101.70	138.95	-18.59	-21.54
			44	111.75	-14.74	155.27	103.62	-9.08	-21.54
			88	111.75	-14.74	193.23	68.28	0.43	-21.54
121	PRIMO	9, 10	0	116.32	-13.91	245.54	78.41	0.44	3.41

	IMPALC ATO								
			44	116.32	-13.91	272.37	43.08	-1.06	3.41
			88	116.32	-13.91	283.60	7.75	-2.57	3.41
122	PRIMO IMPALC ATO	9, 10	0	117.04	12.65	283.47	-7.41	-2.57	-3.37
			44	117.04	12.65	272.39	-42.74	-1.08	-3.37
			88	117.04	12.65	245.71	-78.07	0.41	-3.37
123	PRIMO IMPALC ATO	9, 10	0	114.32	14.72	193.23	-67.55	0.40	21.28
			44	114.32	14.72	155.59	-102.88	-9.00	21.28
			88	114.32	14.72	102.35	-138.21	-18.40	21.28
124	PRIMO IMPALC ATO	9, 10	0	42.26	-436.24	-120.40	-189.54	-18.48	-50.77
			44	42.26	-436.24	-211.92	-224.88	3.94	-50.77
			88	42.26	-436.24	-319.04	-260.21	26.36	-50.77
125	PRIMO IMPALC ATO	15, 9	0	86.45	-63.73	-2021.83	2936.21	-21.14	-9.98
			240	86.45	-63.73	1295.10	-172.10	2.81	-9.98
			480	86.45	-63.73	-2847.92	-3280.42	26.75	-9.98
126	PRIMO IMPALC ATO	9, 41	0	-693.57	-231.95	-1625.53	1426.09	-6.27	8.58
			44	-693.57	-231.95	-1053.87	1187.22	-10.02	8.58
			88	-693.57	-231.95	-586.72	948.34	-13.78	8.58
127	PRIMO IMPALC ATO	9, 41	0	-535.38	319.58	28.71	703.67	-13.75	-11.52
			44	-535.38	319.58	284.31	464.80	-8.72	-11.52
			88	-535.38	319.58	435.41	225.92	-3.68	-11.52
128	PRIMO IMPALC ATO	9, 41	0	-453.00	281.46	581.50	580.23	-3.68	3.60
			44	-453.00	281.46	783.10	341.35	-5.25	3.60
			88	-453.00	281.46	880.19	102.48	-6.83	3.60
129	PRIMO IMPALC ATO	9, 41	0	-428.09	122.42	985.73	445.11	-6.84	-22.80
			44	-428.09	122.42	1128.22	206.24	3.13	-22.80
			88	-428.09	122.42	1166.19	-32.64	13.10	-22.80
130	PRIMO IMPALC ATO	10, 11	0	-53.60	-25.09	-200.13	204.49	-11.88	-4.49
			270	-53.60	-25.09	60.40	-11.52	0.26	-4.49
			540	-53.60	-25.09	-262.33	-227.53	12.40	-4.49
131	PRIMO IMPALC ATO	16, 10	0	91.40	63.97	-2020.01	2933.51	14.96	7.14
			240	91.40	63.97	1293.89	-171.93	-2.19	7.14
			480	91.40	63.97	-2845.26	-3277.36	-19.34	7.14
132	PRIMO IMPALC ATO	10, 42	0	-691.71	231.90	-1622.15	1423.02	8.53	-6.08
			44	-691.71	231.90	-1051.26	1186.77	11.19	-6.08
			88	-691.71	231.90	-583.73	950.52	13.85	-6.08
133	PRIMO IMPALC ATO	10, 42	0	-535.29	-318.46	27.24	700.97	13.82	11.66
			44	-535.29	-318.46	282.24	464.72	8.72	11.66
			88	-535.29	-318.46	433.87	228.47	3.62	11.66
134	PRIMO IMPALC ATO	10, 42	0	-453.59	-280.87	580.85	577.79	3.62	-3.72
			44	-453.59	-280.87	781.96	341.54	5.24	-3.72
			88	-453.59	-280.87	879.70	105.29	6.87	-3.72
135	PRIMO IMPALC ATO	10, 42	0	-429.70	-122.73	984.06	443.59	6.88	23.09
			44	-429.70	-122.73	1126.45	207.34	-3.22	23.09
			88	-429.70	-122.73	1165.48	-28.91	-13.32	23.09

136	PRIMO IMPALC ATO	11, 12	0	-67.92	-6.14	-281.05	252.65	-15.10	-7.34
			215	-67.92	-6.14	77.24	80.65	0.68	-7.34
			430	-67.92	-6.14	65.73	-91.35	16.46	-7.34
137	PRIMO IMPALC ATO	17, 11	0	-69.89	-1.21	-1500.71	2196.94	9.72	4.14
			245	-69.89	-1.21	1020.47	-138.84	-0.42	4.14
			490	-69.89	-1.21	-2181.04	-2474.63	-10.55	4.14
138	PRIMO IMPALC ATO	18, 12	0	95.66	-492.75	-1374.43	1955.32	2.16	0.58
			245	95.66	-2.75	907.06	-92.88	0.73	0.58
			490	95.66	487.25	-1829.53	-2141.08	-0.69	0.58
139	PRIMO IMPALC ATO	12, 37	0	-272.52	-21.88	1044.27	-1125.19	25.92	23.62
			78	-272.52	-21.88	143.93	-1187.48	7.53	23.62
			156	-272.52	-21.88	-804.92	-1249.77	-10.87	23.62
140	PRIMO IMPALC ATO	13, 14	0	-65.51	2.70	96.75	-8.64	18.73	8.49
			215	-65.51	2.70	31.94	-51.64	0.48	8.49
			430	-65.51	2.70	-125.32	-94.64	-17.77	8.49
141	PRIMO IMPALC ATO	25, 13	0	-354.86	92.70	-858.02	1721.13	81.82	105.17
			78	-354.86	-63.02	60.14	637.29	-0.06	105.17
			156	-354.86	-218.75	134.39	-446.55	-81.95	105.17
142	PRIMO IMPALC ATO	33, 13	0	-291.58	134.22	-732.67	1040.43	-75.03	-95.06
			78	-291.58	134.22	53.18	978.14	-1.01	-95.06
			156	-291.58	134.22	790.53	915.85	73.00	-95.06
143	PRIMO IMPALC ATO	14, 15	0	20.88	14.03	-104.90	72.24	20.73	7.74
			270	20.88	14.03	17.25	18.23	-0.18	7.74
			540	20.88	14.03	-6.42	-35.77	-21.09	7.74
144	PRIMO IMPALC ATO	26, 14	0	-78.37	33.32	-326.00	1241.30	-22.81	-12.88
			78	-78.37	33.32	47.58	-281.68	-12.79	-12.88
			156	-78.37	33.32	-764.65	-1804.67	-2.76	-12.88
145	PRIMO IMPALC ATO	15, 16	0	-100.81	-0.09	-178.20	212.06	0.10	0.28
			265	-100.81	-0.09	102.87	0.06	-0.64	0.28
			530	-100.81	-0.09	-177.86	-211.94	-1.37	0.28
146	PRIMO IMPALC ATO	27, 15	0	-268.21	-50.94	-740.70	1802.24	-13.72	-11.70
			80	-268.21	-50.94	96.50	281.60	-4.32	-11.70
			161	-268.21	-50.94	-288.15	-1239.03	5.08	-11.70
147	PRIMO IMPALC ATO	16, 17	0	23.25	-14.41	-7.05	35.99	-15.83	-5.79
			270	23.25	-14.41	17.22	-18.01	-0.20	-5.79
			540	23.25	-14.41	-104.31	-72.01	15.42	-5.79
148	PRIMO IMPALC ATO	28, 16	0	-265.06	51.58	-737.60	1793.86	10.45	8.89
			80	-265.06	51.58	95.45	279.65	3.31	8.89
			161	-265.06	51.58	-288.19	-1234.56	-3.83	8.89
149	PRIMO IMPALC ATO	17, 18	0	-66.41	-2.90	-126.48	95.17	-12.83	-6.10
			215	-66.41	-2.90	31.92	52.17	0.29	-6.10
			430	-66.41	-2.90	97.87	9.17	13.41	-6.10
150	PRIMO IMPALC ATO	29, 17	0	-77.75	-32.51	-325.97	1238.99	16.91	5.21
			78	-77.75	-32.51	47.03	-280.88	12.86	5.21

			156	-77.75	-32.51	-763.37	-1800.75	8.80	5.21
151	PRIMO IMPALC ATO	30, 18	0	-360.81	-91.84	-859.91	1723.33	-83.64	-107.83
			78	-360.81	63.88	59.96	639.49	0.32	-107.83
			156	-360.81	219.61	135.93	-444.35	84.28	-107.83
152	PRIMO IMPALC ATO	18, 38	0	-291.85	-134.04	787.84	-913.12	71.92	93.82
			78	-291.85	-134.04	52.61	-975.41	-1.13	93.82
			156	-291.85	-134.04	-731.11	-1037.70	-74.17	93.82
153	PRIMO IMPALC ATO	19, 20	0	-27.26	24.06	-0.26	22.12	-6.83	-5.44
			72	-27.26	24.06	5.33	-6.54	-2.93	-5.44
			143	-27.26	24.06	-9.64	-35.21	0.97	-5.44
154	PRIMO IMPALC ATO	19, 20	0	124.79	5.66	-8.86	26.36	15.83	1.89
			72	124.79	5.66	-0.25	-2.31	14.47	1.89
			143	124.79	5.66	-12.17	-30.98	13.12	1.89
155	PRIMO IMPALC ATO	19, 20	0	145.49	-17.15	-11.94	43.88	-9.19	2.47
			72	145.49	-17.15	9.24	15.22	-10.95	2.47
			143	145.49	-17.15	9.87	-13.45	-12.72	2.47
156	PRIMO IMPALC ATO	34, 19	0	-156.64	-36.34	3.23	21.01	7.43	11.72
			70	-156.64	-36.34	8.13	-6.99	-0.77	11.72
			140	-156.64	-36.34	-6.56	-34.99	-8.97	11.72
157	PRIMO IMPALC ATO	20, 21	0	166.90	12.45	-20.11	39.85	-1.70	-1.94
			71	166.90	12.45	-1.87	11.35	-0.32	-1.94
			143	166.90	12.45	-3.94	-17.15	1.06	-1.94
158	PRIMO IMPALC ATO	20, 21	0	222.43	4.69	-3.61	22.09	2.93	1.00
			71	222.43	4.69	1.97	-6.41	2.22	1.00
			143	222.43	4.69	-12.75	-34.91	1.50	1.00
159	PRIMO IMPALC ATO	20, 21	0	223.21	-13.75	-12.63	44.10	6.59	-1.04
			71	223.21	-13.75	8.64	15.60	7.33	-1.04
			143	223.21	-13.75	9.60	-12.90	8.06	-1.04
160	PRIMO IMPALC ATO	20, 21	0	156.37	-31.43	10.48	-33.15	-4.44	5.43
			71	156.37	-31.43	-23.29	-61.65	-8.31	5.43
			143	156.37	-31.43	-77.37	-90.15	-12.18	5.43
161	PRIMO IMPALC ATO	21, 22	0	124.72	31.32	84.94	-69.22	-12.14	-6.97
			63	124.72	31.32	33.87	-94.22	-7.78	-6.97
			125	124.72	31.32	-32.83	-119.22	-3.43	-6.97
162	PRIMO IMPALC ATO	21, 22	0	172.79	14.07	-31.96	55.92	8.70	1.43
			63	172.79	14.07	-4.82	30.92	7.80	1.43
			125	172.79	14.07	6.69	5.92	6.91	1.43
163	PRIMO IMPALC ATO	21, 22	0	168.18	-14.09	6.73	-5.89	6.97	-1.45
			63	168.18	-14.09	-4.76	-30.89	7.87	-1.45
			125	168.18	-14.09	-31.88	-55.89	8.78	-1.45
164	PRIMO IMPALC ATO	21, 22	0	110.97	-31.47	-32.67	118.82	-3.25	6.97
			63	110.97	-31.47	33.78	93.82	-7.61	6.97
			125	110.97	-31.47	84.60	68.82	-11.97	6.97
165	PRIMO IMPALC ATO	22, 23	0	134.55	31.38	-76.94	89.81	-11.96	-5.42

			71	134.55	31.38	-23.11	61.31	-8.10	-5.42
			143	134.55	31.38	10.42	32.81	-4.24	-5.42
166	PRIMO IMPALC ATO	22, 23	0	193.11	13.63	9.65	12.93	8.11	1.08
			71	193.11	13.63	8.71	-15.57	7.33	1.08
			143	193.11	13.63	-12.53	-44.07	6.56	1.08
167	PRIMO IMPALC ATO	22, 23	0	186.17	-5.21	-12.53	34.72	1.63	-1.01
			71	186.17	-5.21	2.06	6.22	2.35	-1.01
			143	186.17	-5.21	-3.66	-22.28	3.07	-1.01
168	PRIMO IMPALC ATO	22, 23	0	126.75	-13.20	-3.85	17.34	0.59	2.12
			71	126.75	-13.20	-1.65	-11.16	-0.92	2.12
			143	126.75	-13.20	-19.75	-39.66	-2.43	2.12
169	PRIMO IMPALC ATO	23, 24	0	103.93	17.79	9.79	13.85	-12.43	-2.51
			72	103.93	17.79	9.44	-14.82	-10.63	-2.51
			143	103.93	17.79	-11.45	-43.48	-8.83	-2.51
170	PRIMO IMPALC ATO	23, 24	0	92.26	-5.83	-11.49	29.39	13.46	-1.84
			72	92.26	-5.83	-0.70	0.72	14.78	-1.84
			143	92.26	-5.83	-10.46	-27.95	16.10	-1.84
171	PRIMO IMPALC ATO	23, 24	0	-40.98	-25.13	-11.11	40.55	0.40	5.58
			72	-40.98	-25.13	7.68	11.89	-3.60	5.58
			143	-40.98	-25.13	5.93	-16.78	-7.60	5.58
172	PRIMO IMPALC ATO	24, 39	0	-126.76	39.65	-2.61	18.92	-8.67	-11.18
			70	-126.76	39.65	0.83	-9.08	-0.84	-11.18
			140	-126.76	39.65	-15.32	-37.08	6.98	-11.18
173	PRIMO IMPALC ATO	25, 26	0	-69.88	-23.50	-2.45	23.91	12.86	5.89
			72	-69.88	-23.50	4.41	-4.76	8.64	5.89
			143	-69.88	-23.50	-9.27	-33.43	4.42	5.89
174	PRIMO IMPALC ATO	25, 26	0	37.08	-7.32	-9.08	28.86	-15.06	-1.50
			72	37.08	-7.32	1.32	0.19	-13.98	-1.50
			143	37.08	-7.32	-8.81	-28.48	-12.91	-1.50
175	PRIMO IMPALC ATO	25, 26	0	9.24	17.58	-8.93	33.40	4.66	-1.92
			72	9.24	17.58	4.74	4.74	6.04	-1.92
			143	9.24	17.58	-2.14	-23.93	7.42	-1.92
176	PRIMO IMPALC ATO	35, 25	0	-139.29	38.87	-19.97	47.36	-7.31	-12.06
			70	-139.29	38.87	3.38	19.36	1.13	-12.06
			140	-139.29	38.87	7.13	-8.64	9.57	-12.06
177	PRIMO IMPALC ATO	26, 27	0	28.62	-13.56	-3.83	24.56	7.40	2.74
			71	28.62	-13.56	3.52	-3.94	5.45	2.74
			143	28.62	-13.56	-9.44	-32.44	3.49	2.74
178	PRIMO IMPALC ATO	26, 27	0	85.62	-7.49	-9.35	31.36	-2.70	-0.78
			71	85.62	-7.49	2.84	2.86	-2.14	-0.78
			143	85.62	-7.49	-5.28	-25.64	-1.59	-0.78
179	PRIMO IMPALC ATO	26, 27	0	74.22	11.75	-5.26	23.20	-6.79	1.40
			71	74.22	11.75	1.12	-5.30	-7.79	1.40
			143	74.22	11.75	-12.81	-33.80	-8.78	1.40
180	PRIMO IMPALC	26, 27	0	-18.28	30.99	-13.13	44.11	0.52	-4.96

	ATO								
			71	-18.28	30.99	8.15	15.61	4.06	-4.96
			143	-18.28	30.99	9.12	-12.89	7.59	-4.96
181	PRIMO IMPALC ATO	27, 28	0	-39.21	-31.57	-8.94	27.04	12.17	7.10
			63	-39.21	-31.57	0.14	2.04	7.73	7.10
			125	-39.21	-31.57	-6.40	-22.96	3.29	7.10
182	PRIMO IMPALC ATO	27, 28	0	34.30	-14.43	-6.34	25.95	-8.99	-1.52
			63	34.30	-14.43	2.07	0.95	-8.04	-1.52
			125	34.30	-14.43	-5.15	-24.05	-7.08	-1.52
183	PRIMO IMPALC ATO	27, 28	0	35.26	14.35	-5.16	23.97	-7.04	1.52
			63	35.26	14.35	2.01	-1.03	-7.99	1.52
			125	35.26	14.35	-6.44	-26.03	-8.94	1.52
184	PRIMO IMPALC ATO	27, 28	0	-36.16	31.49	-6.51	23.41	3.18	-7.06
			63	-36.16	31.49	0.31	-1.59	7.60	-7.06
			125	-36.16	31.49	-8.50	-26.59	12.01	-7.06
185	PRIMO IMPALC ATO	28, 29	0	-12.95	-30.93	8.64	13.30	8.06	5.00
			71	-12.95	-30.93	7.97	-15.20	4.50	5.00
			143	-12.95	-30.93	-13.01	-43.70	0.93	5.00
186	PRIMO IMPALC ATO	28, 29	0	80.38	-11.91	-12.72	33.72	-8.70	-1.36
			71	80.38	-11.91	1.15	5.22	-7.72	-1.36
			143	80.38	-11.91	-5.28	-23.28	-6.75	-1.36
187	PRIMO IMPALC ATO	28, 29	0	92.42	7.26	-5.32	25.60	-1.61	0.80
			71	92.42	7.26	2.77	-2.90	-2.18	0.80
			143	92.42	7.26	-9.45	-31.40	-2.75	0.80
188	PRIMO IMPALC ATO	28, 29	0	35.52	13.55	-9.57	32.78	3.03	-2.68
			71	35.52	13.55	3.64	4.28	4.93	-2.68
			143	35.52	13.55	-3.47	-24.22	6.84	-2.68
189	PRIMO IMPALC ATO	29, 30	0	17.88	-17.58	-2.59	24.33	7.92	1.99
			72	17.88	-17.58	4.58	-4.33	6.49	1.99
			143	17.88	-17.58	-8.80	-33.00	5.07	1.99
190	PRIMO IMPALC ATO	29, 30	0	44.11	7.10	-8.72	28.30	-12.93	1.52
			72	44.11	7.10	1.29	-0.36	-14.02	1.52
			143	44.11	7.10	-9.24	-29.03	-15.12	1.52
191	PRIMO IMPALC ATO	29, 30	0	-65.27	23.55	-9.47	33.90	3.96	-5.84
			72	-65.27	23.55	4.55	5.23	8.14	-5.84
			143	-65.27	23.55	-1.97	-23.44	12.33	-5.84
192	PRIMO IMPALC ATO	30, 40	0	-137.25	-38.81	6.55	9.28	9.50	12.00
			70	-137.25	-38.81	3.24	-18.72	1.10	12.00
			140	-137.25	-38.81	-19.66	-46.72	-7.30	12.00
193	PRIMO IMPALC ATO	32, 31	0	113.97	35.21	-28.11	45.42	-11.52	-6.98
			65	113.97	35.21	-7.04	19.42	-6.98	-6.98
			130	113.97	35.21	-2.87	-6.58	-2.45	-6.98
194	PRIMO IMPALC ATO	32, 31	0	162.57	17.46	-3.23	27.05	8.40	1.42
			65	162.57	17.46	5.90	1.05	7.48	1.42
			130	162.57	17.46	-1.87	-24.95	6.55	1.42
195	PRIMO	32, 31	0	135.84	-14.09	-1.86	6.05	8.57	-2.49

	IMPALC ATO								
			65	135.84	-14.09	-6.38	-19.95	10.19	-2.49
			130	135.84	-14.09	-27.80	-45.95	11.81	-2.49
196	PRIMO IMPALC ATO	32, 31	0	20.67	-18.97	-28.90	105.60	-6.00	7.72
			65	20.67	-18.97	31.29	79.60	-11.01	7.72
			130	20.67	-18.97	74.59	53.60	-16.03	7.72
197	PRIMO IMPALC ATO	31, 34	0	-100.96	-108.74	-143.88	381.78	-7.43	-11.48
			70	-100.96	31.26	15.57	73.78	0.61	-11.48
			140	-100.96	171.26	-40.59	-234.22	8.65	-11.48
198	PRIMO IMPALC ATO	33, 32	0	20.66	16.79	99.60	-78.35	-13.13	-6.77
			65	20.66	16.79	40.22	-104.35	-8.73	-6.77
			130	20.66	16.79	-36.06	-130.35	-4.32	-6.77
199	PRIMO IMPALC ATO	33, 32	0	130.31	12.38	-35.04	55.69	10.50	2.29
			65	130.31	12.38	-7.29	29.69	9.01	2.29
			130	130.31	12.38	3.56	3.69	7.52	2.29
200	PRIMO IMPALC ATO	33, 32	0	160.62	-17.34	3.35	9.77	6.48	-1.36
			65	160.62	-17.34	1.26	-16.23	7.36	-1.36
			130	160.62	-17.34	-17.74	-42.23	8.25	-1.36
201	PRIMO IMPALC ATO	33, 32	0	121.48	-34.63	-18.13	60.83	-4.38	7.15
			65	121.48	-34.63	12.95	34.83	-9.02	7.15
			130	121.48	-34.63	27.14	8.83	-13.67	7.15
202	PRIMO IMPALC ATO	35, 33	0	-78.70	-29.19	27.49	-63.73	9.16	11.27
			70	-78.70	-29.19	-26.92	-91.73	1.27	11.27
			140	-78.70	-29.19	-100.93	-119.73	-6.62	11.27
203	PRIMO IMPALC ATO	37, 36	0	91.07	-35.76	-27.60	44.59	11.73	7.06
			65	91.07	-35.76	-7.07	18.59	7.14	7.06
			130	91.07	-35.76	-3.44	-7.41	2.55	7.06
204	PRIMO IMPALC ATO	37, 36	0	142.60	-17.42	-3.64	28.85	-8.68	-1.41
			65	142.60	-17.42	6.66	2.85	-7.77	-1.41
			130	142.60	-17.42	0.07	-23.15	-6.86	-1.41
205	PRIMO IMPALC ATO	37, 36	0	120.80	12.88	0.33	-1.48	-7.89	2.31
			65	120.80	12.88	-9.09	-27.48	-9.40	2.31
			130	120.80	12.88	-35.40	-53.48	-10.90	2.31
206	PRIMO IMPALC ATO	37, 36	0	23.25	16.71	-36.58	134.59	5.73	-7.14
			65	23.25	16.71	42.45	108.59	10.37	-7.14
			130	23.25	16.71	104.58	82.59	15.01	-7.14
207	PRIMO IMPALC ATO	36, 39	0	-74.50	-30.79	-105.72	123.91	6.82	10.72
			70	-74.50	-30.79	-28.78	95.91	-0.69	10.72
			140	-74.50	-30.79	28.55	67.91	-8.19	10.72
208	PRIMO IMPALC ATO	38, 37	0	13.59	-16.60	99.55	-78.32	13.15	6.75
			65	13.59	-16.60	40.19	-104.32	8.76	6.75
			130	13.59	-16.60	-36.06	-130.32	4.37	6.75
209	PRIMO IMPALC ATO	38, 37	0	117.47	-12.27	-34.91	55.57	-10.48	-2.31
			65	117.47	-12.27	-7.24	29.57	-8.98	-2.31
			130	117.47	-12.27	3.54	3.57	-7.48	-2.31

210	PRIMO IMPALC ATO	38, 37	0	142.68	17.63	3.47	9.66	-6.61	1.37
			65	142.68	17.63	1.30	-16.34	-7.50	1.37
			130	142.68	17.63	-17.76	-42.34	-8.39	1.37
211	PRIMO IMPALC ATO	38, 37	0	99.43	35.22	-18.01	60.75	4.40	-7.26
			65	99.43	35.22	13.03	34.75	9.12	-7.26
			130	99.43	35.22	27.17	8.75	13.84	-7.26
212	PRIMO IMPALC ATO	40, 38	0	-80.57	29.23	27.35	-63.53	-9.11	-11.24
			70	-80.57	29.23	-26.93	-91.53	-1.25	-11.24
			140	-80.57	29.23	-100.80	-119.53	6.62	-11.24
213	PRIMO IMPALC ATO	1	0	-3932.56	-4.71	-810.50	231.27	-64.49	-137.07
			150	-3932.56	-4.71	-463.55	231.27	141.15	-137.07
			300	-3932.56	-4.71	-116.60	231.27	346.79	-137.07
214	PRIMO IMPALC ATO	2	0	-4978.26	3.32	-564.68	186.93	-160.42	-67.61
			150	-4978.26	3.32	-284.24	186.93	-59.00	-67.61
			300	-4978.26	3.32	-3.81	186.93	42.43	-67.61
215	PRIMO IMPALC ATO	3	0	-9040.63	-1.07	-3623.55	1310.76	682.26	354.06
			150	-9040.63	-1.07	-1657.41	1310.76	151.17	354.06
			300	-9040.63	-1.07	308.72	1310.76	-379.92	354.06
216	PRIMO IMPALC ATO	4	0	-9014.62	1.17	-3622.78	1311.31	-677.78	-350.59
			150	-9014.62	1.17	-1655.82	1311.31	-151.89	-350.59
			300	-9014.62	1.17	311.15	1311.31	373.99	-350.59
217	PRIMO IMPALC ATO	5	0	-4965.24	-3.50	-571.24	189.43	163.26	70.39
			150	-4965.24	-3.50	-287.07	189.43	57.65	70.39
			300	-4965.24	-3.50	-2.89	189.43	-47.95	70.39
218	PRIMO IMPALC ATO	6	0	-3872.93	4.25	-833.81	242.34	45.84	127.36
			150	-3872.93	4.25	-470.25	242.34	-145.22	127.36
			300	-3872.93	4.25	-106.69	242.34	-336.28	127.36
219	PRIMO IMPALC ATO	7	0	-8661.06	-1.88	32.09	7.59	-123.73	-178.77
			150	-8661.06	-1.88	43.47	7.59	144.46	-178.77
			300	-8661.06	-1.88	54.85	7.59	412.65	-178.77
220	PRIMO IMPALC ATO	8	0	-5471.08	0.56	82.39	-35.95	-25.76	-12.39
			150	-5471.08	0.56	28.47	-35.95	-7.17	-12.39
			300	-5471.08	0.56	-25.45	-35.95	11.41	-12.39
221	PRIMO IMPALC ATO	9	0	-14532.52	-0.51	1446.58	-674.47	572.93	307.89
			150	-14532.52	-0.51	434.73	-674.47	111.03	307.89
			300	-14532.52	-0.51	-577.13	-674.47	-350.86	307.89
222	PRIMO IMPALC ATO	10	0	-14514.53	0.37	1444.33	-673.27	-568.95	-304.78
			150	-14514.53	0.37	434.28	-673.27	-111.72	-304.78
			300	-14514.53	0.37	-575.78	-673.27	345.52	-304.78
223	PRIMO IMPALC ATO	11	0	-5470.95	-0.60	89.55	-40.42	29.03	14.75
			150	-5470.95	-0.60	28.91	-40.42	6.90	14.75
			300	-5470.95	-0.60	-31.72	-40.42	-15.23	14.75
224	PRIMO IMPALC ATO	12	0	-8657.23	1.75	46.37	-2.12	118.88	177.09
			150	-8657.23	1.75	43.19	-2.12	-146.79	177.09

			300	-8657.23	1.75	40.00	-2.12	-412.46	177.09
225	PRIMO IMPALC ATO	13	0	-3743.40	2.69	731.94	-212.35	-70.01	-137.35
			150	-3743.40	2.69	413.37	-212.35	136.05	-137.35
			300	-3743.40	2.69	94.79	-212.35	342.11	-137.35
226	PRIMO IMPALC ATO	14	0	-4884.69	-2.96	481.50	-165.82	-47.12	-22.24
			150	-4884.69	-2.96	232.73	-165.82	-13.75	-22.24
			300	-4884.69	-2.96	-16.04	-165.82	19.61	-22.24
227	PRIMO IMPALC ATO	15	0	-7640.28	4.13	692.83	-279.78	124.39	76.48
			150	-7640.28	4.13	273.04	-279.78	9.64	76.48
			300	-7640.28	4.13	-146.74	-279.78	-105.11	76.48
228	PRIMO IMPALC ATO	16	0	-7633.29	-4.40	691.83	-279.30	-125.60	-76.95
			150	-7633.29	-4.40	272.77	-279.30	-10.15	-76.95
			300	-7633.29	-4.40	-146.30	-279.30	105.31	-76.95
229	PRIMO IMPALC ATO	17	0	-4878.11	2.63	483.69	-168.10	46.79	22.41
			150	-4878.11	2.63	231.50	-168.10	13.17	22.41
			300	-4878.11	2.63	-20.68	-168.10	-20.44	22.41
230	PRIMO IMPALC ATO	18	0	-3744.81	-3.16	737.25	-217.48	70.32	137.81
			150	-3744.81	-3.16	410.98	-217.48	-136.42	137.81
			300	-3744.81	-3.16	84.71	-217.48	-343.16	137.81
231	SECOND O IMPALC ATO	1, 2	0	61.83	502.50	150.80	-5.29	-74.40	36.43
			215	61.83	502.50	-137.92	-263.29	-152.73	36.43
			430	61.83	502.50	-981.34	-521.29	-231.07	36.43
232	SECOND O IMPALC ATO	7, 1	0	-667.76	23.34	-2382.64	2652.33	38.69	22.31
			260	-667.76	23.34	1286.24	169.89	-19.32	22.31
			520	-667.76	23.34	-1499.21	-2312.54	-77.33	22.31
233	SECOND O IMPALC ATO	2, 3	0	-128.61	516.29	-1430.40	696.80	-249.08	-116.58
			278	-128.61	516.29	41.55	363.68	74.55	-116.58
			555	-128.61	516.29	588.75	30.56	398.18	-116.58
234	SECOND O IMPALC ATO	3, 4	0	57.94	0.32	269.77	299.69	80.76	-0.55
			250	57.94	0.32	644.00	-0.31	82.15	-0.55
			500	57.94	0.32	268.23	-300.31	83.53	-0.55
235	SECOND O IMPALC ATO	41, 3	0	-97.23	-371.02	-2765.19	3128.01	59.79	197.91
			95	-97.23	-371.02	-465.43	1698.57	-128.81	197.91
			191	-97.23	-371.02	472.14	269.14	-317.41	197.91
236	SECOND O IMPALC ATO	4, 5	0	-132.88	-516.36	585.71	-29.26	409.69	119.42
			278	-132.88	-516.36	42.11	-362.38	78.17	119.42
			555	-132.88	-516.36	-1426.24	-695.50	-253.35	119.42
237	SECOND O IMPALC ATO	42, 4	0	-100.71	369.60	-2767.92	3129.92	-59.89	-202.55
			95	-100.71	369.60	-466.34	1700.48	133.13	-202.55
			191	-100.71	369.60	473.05	271.05	326.16	-202.55
238	SECOND	5, 6	0	57.03	-503.11	-978.01	519.45	-234.56	-35.95

	O IMPALC ATO								
			215	57.03	-503.11	-138.54	261.45	-157.27	-35.95
			430	57.03	-503.11	146.22	3.45	-79.98	-35.95
239	SECOND O IMPALC ATO	12, 6	0	-671.96	-22.97	-2380.57	2651.22	-36.92	-22.96
			260	-671.96	-22.97	1285.43	168.78	22.78	-22.96
			520	-671.96	-22.97	-1502.90	-2313.65	82.48	-22.96
240	SECOND O IMPALC ATO	13, 7	0	-678.52	18.07	-1042.38	2102.10	275.31	49.15
			245	-678.52	18.07	1194.07	-276.43	154.89	49.15
			490	-678.52	18.07	-2396.88	-2654.96	34.47	49.15
241	SECOND O IMPALC ATO	9, 10	0	-261.17	-0.18	-221.25	318.18	7.06	1.85
			265	-261.17	-0.18	200.58	0.18	2.16	1.85
			530	-261.17	-0.18	-220.30	-317.82	-2.73	1.85
242	SECOND O IMPALC ATO	15, 9	0	-814.61	-23.20	-1404.46	2606.74	2.91	1.88
			240	-814.61	-23.20	1387.36	-280.22	-1.59	1.88
			480	-814.61	-23.20	-2749.51	-3167.18	-6.09	1.88
243	SECOND O IMPALC ATO	9, 41	0	-377.64	-151.52	-1955.77	2416.46	-14.68	-16.79
			175	-377.64	-151.52	173.52	17.01	14.70	-16.79
			350	-377.64	-151.52	-1896.25	-2382.45	44.08	-16.79
244	SECOND O IMPALC ATO	16, 10	0	-811.39	23.30	-1404.45	2606.80	-12.21	-4.91
			240	-811.39	23.30	1387.52	-280.16	-0.43	-4.91
			480	-811.39	23.30	-2749.21	-3167.12	11.34	-4.91
245	SECOND O IMPALC ATO	10, 42	0	-377.53	152.02	-1954.17	2415.51	9.84	13.54
			175	-377.53	152.02	173.45	16.06	-13.86	13.54
			350	-377.53	152.02	-1897.98	-2383.40	-37.55	13.54
246	SECOND O IMPALC ATO	18, 12	0	-681.33	-18.21	-1044.68	2103.33	-284.24	-51.40
			245	-681.33	-18.21	1194.79	-275.19	-158.30	-51.40
			490	-681.33	-18.21	-2393.13	-2653.72	-32.37	-51.40
247	SECOND O IMPALC ATO	13, 14	0	-73.03	-137.26	-15.90	168.26	-294.23	-130.57
			215	-73.03	-137.26	68.51	-89.74	-13.50	-130.57
			430	-73.03	-137.26	-401.78	-347.74	267.24	-130.57
248	SECOND O IMPALC ATO	14, 15	0	-69.89	119.22	-407.45	363.82	246.29	44.90
			270	-69.89	119.22	137.48	39.81	125.06	44.90
			540	-69.89	119.22	-192.47	-284.20	3.83	44.90
249	SECOND O IMPALC ATO	15, 16	0	-129.96	-0.01	-256.59	318.21	0.61	-0.19
			265	-129.96	-0.01	165.31	0.21	1.11	-0.19
			530	-129.96	-0.01	-255.49	-317.79	1.62	-0.19
250	SECOND O IMPALC	16, 17	0	-68.51	-119.47	-193.93	284.64	14.52	-42.53

	ATO								
			270	-68.51	-119.47	137.20	-39.37	129.36	-42.53
			540	-68.51	-119.47	-406.55	-363.39	244.20	-42.53
251	SECOND O IMPALC ATO	17, 18	0	-73.56	137.10	-403.88	348.79	266.10	132.47
			215	-73.56	137.10	68.68	90.79	-18.71	132.47
			430	-73.56	137.10	-13.47	-167.21	-303.52	132.47
252	SECOND O IMPALC ATO	41, 42	0	-427.69	-0.12	-52.97	318.03	-13.48	1.21
			265	-427.69	-0.12	368.47	0.03	-16.70	1.21
			530	-427.69	-0.12	-52.79	-317.97	-19.91	1.21
253	SECOND O IMPALC ATO	1	0	-2307.26	2.93	-996.70	631.33	-127.46	-39.52
			150	-2307.26	2.93	-49.71	631.33	-68.18	-39.52
			300	-2307.26	2.93	897.29	631.33	-8.89	-39.52
254	SECOND O IMPALC ATO	2	0	-1218.09	-18.01	52.24	149.50	434.58	193.54
			150	-1218.09	-18.01	276.49	149.50	144.27	193.54
			300	-1218.09	-18.01	500.73	149.50	-146.05	193.54
255	SECOND O IMPALC ATO	5	0	-1214.95	18.80	51.60	151.74	-433.76	-193.09
			150	-1214.95	18.80	279.20	151.74	-144.12	-193.09
			300	-1214.95	18.80	506.81	151.74	145.52	-193.09
256	SECOND O IMPALC ATO	6	0	-2310.20	-2.50	-999.79	636.01	123.25	34.07
			150	-2310.20	-2.50	-45.78	636.01	72.15	34.07
			300	-2310.20	-2.50	908.23	636.01	21.04	34.07
257	SECOND O IMPALC ATO	7	0	-5307.28	4.21	-14.24	10.76	-5.27	26.84
			150	-5307.28	4.21	1.90	10.76	-45.53	26.84
			300	-5307.28	4.21	18.04	10.76	-85.79	26.84
258	SECOND O IMPALC ATO	9	0	-5901.82	-1.53	-793.92	435.12	349.57	279.83
			150	-5901.82	-1.53	-141.23	435.12	-70.18	279.83
			300	-5901.82	-1.53	511.45	435.12	-489.93	279.83
259	SECOND O IMPALC ATO	10	0	-5900.45	1.23	-794.86	435.71	-349.03	-279.62
			150	-5900.45	1.23	-141.30	435.71	70.40	-279.62
			300	-5900.45	1.23	512.26	435.71	489.82	-279.62
260	SECOND O IMPALC ATO	12	0	-5304.94	-4.55	-12.56	9.37	4.76	-28.44
			150	-5304.94	-4.55	1.50	9.37	47.42	-28.44
			300	-5304.94	-4.55	15.56	9.37	90.08	-28.44
261	SECOND O IMPALC ATO	13	0	-2270.36	-18.92	905.12	-547.95	-2.17	23.88
			150	-2270.36	-18.92	83.20	-547.95	-37.99	23.88
			300	-2270.36	-18.92	-738.72	-547.95	-73.81	23.88
262	SECOND O IMPALC ATO	14	0	-711.57	-20.95	260.24	-176.12	4.55	-3.56
			150	-711.57	-20.95	-3.93	-176.12	9.89	-3.56

			300	-711.57	-20.95	-268.11	-176.12	15.23	-3.56
263	SECOND O IMPALC ATO	15	0	-3209.15	-0.31	1283.45	-768.88	88.44	58.61
			150	-3209.15	-0.31	130.14	-768.88	0.52	58.61
			300	-3209.15	-0.31	-1023.18	-768.88	-87.40	58.61
264	SECOND O IMPALC ATO	16	0	-3209.23	0.69	1283.19	-768.41	-85.98	-56.94
			150	-3209.23	0.69	130.57	-768.41	-0.56	-56.94
			300	-3209.23	0.69	-1022.05	-768.41	84.85	-56.94
265	SECOND O IMPALC ATO	17	0	-712.18	21.90	260.34	-175.63	-1.55	5.45
			150	-712.18	21.90	-3.11	-175.63	-9.72	5.45
			300	-712.18	21.90	-266.56	-175.63	-17.90	5.45
266	SECOND O IMPALC ATO	18	0	-2270.54	19.28	907.58	-548.86	4.75	-22.16
			150	-2270.54	19.28	84.29	-548.86	37.99	-22.16
			300	-2270.54	19.28	-739.00	-548.86	71.23	-22.16
267	SECOND O IMPALC ATO	41	0	-5828.49	2.23	831.04	263.92	488.95	221.26
			150	-5828.49	2.23	1226.92	263.92	157.06	221.26
			300	-5828.49	2.23	1622.80	263.92	-174.82	221.26
268	SECOND O IMPALC ATO	42	0	-5831.28	-2.43	832.39	262.40	-487.06	-220.15
			150	-5831.28	-2.43	1225.98	262.40	-156.83	-220.15
			300	-5831.28	-2.43	1619.58	262.40	173.40	-220.15

2.1.3.3 Pareti SLU

Tabella 11.I

Parete	Impalcato	Fili	N1-1 [daN/cm]	N2-2 [daN/cm]	N1-2 [daN/cm]	M1-1 [daNcm/cm]	M2-2 [daNcm/cm]	M1-2 [daNcm/cm]	T1-3 [daN/cm]	T2-3 [daN/cm]
1	PRIMO IMPALCA TO	19-20	5.332	-14.180	9.274	121.226	231.978	-59.343	5.313	-9.383
2	PRIMO IMPALCA TO	34-19	9.449	-14.974	-6.577	-48.696	233.301	92.533	-9.189	-9.383
3	PRIMO IMPALCA TO	20-21	8.829	-8.985	-4.290	54.054	250.998	74.681	3.998	-6.736
4	PRIMO IMPALCA TO	21-22	6.823	-9.191	-3.943	62.942	252.307	71.580	-4.068	-6.774
5	PRIMO IMPALCA TO	22-23	7.494	-9.046	4.231	54.448	252.003	-74.172	-3.987	-6.774
6	PRIMO IMPALCA TO	23-24	3.851	-13.940	-8.705	121.856	239.445	61.566	-5.375	-9.937
7	PRIMO IMPALCA TO	24-39	7.583	-14.466	7.549	-43.394	241.137	-99.331	9.084	-9.937
8	PRIMO IMPALCA TO	25-26	-4.842	-13.645	8.156	-110.467	-223.417	62.933	-5.181	9.215
9	PRIMO IMPALCA TO	35-25	-7.682	-14.071	-7.746	46.818	-228.027	-100.098	8.783	9.215
10	PRIMO	26-27	3.083	-12.966	-7.010	-58.535	-256.401	-68.066	3.922	6.980

	IMPALCA TO									
11	PRIMO IMPALCA TO	27-28	-3.532	-13.095	7.131	-66.662	-254.148	72.539	-4.180	6.980
12	PRIMO IMPALCA TO	28-29	3.344	-12.895	6.976	-57.992	-255.287	68.481	-3.918	6.945
13	PRIMO IMPALCA TO	29-30	-4.660	-13.659	-8.196	-111.069	-224.103	-62.450	5.180	9.241
14	PRIMO IMPALCA TO	30-40	-7.605	-14.100	7.651	46.381	-228.424	99.729	-8.779	9.241
15	PRIMO IMPALCA TO	32-31	5.883	-10.944	-6.902	111.197	272.232	-83.100	-5.347	-8.586
16	PRIMO IMPALCA TO	31-34	7.813	-11.690	4.493	-66.373	206.917	-89.012	8.767	-8.586
17	PRIMO IMPALCA TO	33-32	5.767	-9.164	5.920	100.706	270.980	82.779	4.753	-8.563
18	PRIMO IMPALCA TO	35-33	6.428	-9.774	-3.741	-65.666	182.186	81.381	-8.175	-8.563
19	PRIMO IMPALCA TO	37-36	5.196	-9.321	-5.653	-104.637	-276.243	84.116	4.929	8.848
20	PRIMO IMPALCA TO	36-39	6.660	-9.921	4.216	71.442	-186.114	87.331	-8.354	8.848
21	PRIMO IMPALCA TO	38-37	5.147	-9.182	5.817	-100.515	-275.026	-84.267	-4.746	8.550
22	PRIMO IMPALCA TO	40-38	6.409	-9.760	-3.866	66.058	-181.681	-81.704	8.163	8.550

2.1.3.4 Piastre SLU

Tabella 12.I

Piastra	Impalcato	Fili	N1-1 [daN/cm]	N2-2 [daN/cm]	N1-2 [daN/cm]	M1-1 [daNcm/cm]	M2-2 [daNcm/cm]	M1-2 [daNcm/cm]	T1-3 [daN/cm]	T2-3 [daN/cm]
1	PRIMO IMPALCA TO	9, 41, 3, 4, 42, 10	3.470	-14.256	-6.388	-824.619	2076.298	663.701	48.408	132.583

2.1.4 Risultati Condizioni (Torsione Accidentale X).

2.1.4.1 Cinematismi nodali SLV

Tabella 13.I

Cinematismi nodali						
Nodo	Vx [cm]	Vy [cm]	Vz [cm]	Rx [rad]	Ry [rad]	Rz [rad]
1	0.0002	0.0006	0.0004	-0.000004	-0.000001	0.000001
2	0.0002	0.0001	0.0000	-0.000002	0.000000	0.000001
3	0.0002	0.0000	0.0003	-0.000004	0.000001	0.000000
4	0.0002	0.0000	-0.0003	0.000004	0.000001	0.000000
5	0.0002	-0.0001	0.0000	0.000002	0.000000	0.000001
6	0.0002	-0.0006	-0.0004	0.000004	-0.000001	0.000001
7	0.0000	0.0006	0.0000	0.000000	0.000000	0.000001
8	0.0000	0.0001	0.0000	-0.000001	0.000000	0.000001
9	0.0000	0.0000	-0.0006	0.000000	0.000000	0.000000
10	0.0000	0.0000	0.0006	0.000000	0.000000	0.000000
11	0.0000	-0.0001	0.0000	0.000001	0.000000	0.000001
12	0.0000	-0.0006	0.0000	0.000000	0.000000	0.000001
13	-0.0003	0.0006	-0.0008	-0.000005	0.000003	0.000001

14	-0.0003	0.0001	0.0004	0.000000	0.000000	0.000001
15	-0.0003	0.0000	0.0002	0.000001	0.000000	0.000000
16	-0.0003	0.0000	-0.0002	-0.000001	0.000000	0.000000
17	-0.0003	-0.0001	-0.0004	0.000000	0.000000	0.000001
18	-0.0003	-0.0006	0.0008	0.000005	0.000003	0.000001
19	-0.0099	-0.0117	0.0038	-0.000018	-0.000003	-0.000036
20	-0.0099	-0.0016	0.0024	-0.000028	-0.000003	-0.000011
21	-0.0099	0.0002	0.0007	-0.000011	-0.000003	0.000001
22	-0.0099	-0.0002	-0.0007	0.000011	-0.000003	0.000001
23	-0.0099	0.0016	-0.0024	0.000028	-0.000003	-0.000011
24	-0.0099	0.0117	-0.0038	0.000018	-0.000003	-0.000036
25	0.0099	-0.0117	-0.0039	-0.000018	0.000004	-0.000036
26	0.0099	-0.0016	-0.0025	-0.000028	0.000003	-0.000011
27	0.0099	0.0001	-0.0008	-0.000012	0.000003	0.000001
28	0.0099	-0.0001	0.0008	0.000012	0.000003	0.000001
29	0.0099	0.0016	0.0025	0.000028	0.000003	-0.000011
30	0.0099	0.0117	0.0039	0.000018	0.000004	-0.000036
31	-0.0057	-0.0169	0.0032	-0.000006	0.000001	-0.000025
32	0.0001	-0.0170	0.0000	-0.000006	-0.000001	-0.000003
33	0.0056	-0.0169	-0.0033	-0.000006	-0.000002	-0.000025
34	-0.0099	-0.0168	0.0043	-0.000010	-0.000003	-0.000035
35	0.0098	-0.0168	-0.0044	-0.000010	0.000003	-0.000035
36	-0.0057	0.0169	-0.0032	0.000006	0.000001	-0.000025
37	0.0001	0.0170	0.0000	0.000006	-0.000001	-0.000003
38	0.0056	0.0169	0.0033	0.000006	-0.000002	-0.000025
39	-0.0099	0.0168	-0.0043	0.000010	-0.000003	-0.000035
40	0.0098	0.0168	0.0044	0.000010	0.000003	-0.000035
41	-0.0071	-0.0172	0.0007	-0.000136	0.000069	-0.000014
42	-0.0071	-0.0112	-0.0001	-0.000090	0.000079	-0.000014
43	-0.0069	-0.0037	0.0004	-0.000010	0.000017	-0.000014
44	-0.0069	0.0037	-0.0004	0.000010	0.000017	-0.000014
45	-0.0071	0.0112	0.0001	0.000090	0.000079	-0.000014
46	-0.0071	0.0172	-0.0007	0.000136	0.000069	-0.000014
47	0.0002	-0.0172	0.0003	-0.000170	0.000008	-0.000014
48	0.0002	-0.0112	0.0000	-0.000008	-0.000001	-0.000014
49	0.0002	-0.0037	-0.0006	-0.000037	0.000001	-0.000014
50	0.0002	0.0037	0.0006	0.000037	0.000001	-0.000014
51	0.0002	0.0112	0.0000	0.000008	-0.000001	-0.000014
52	0.0002	0.0172	-0.0003	0.000170	0.000008	-0.000014
53	0.0070	-0.0172	-0.0011	-0.000134	-0.000059	-0.000014
54	0.0070	-0.0112	0.0006	-0.000092	-0.000068	-0.000014
55	0.0069	-0.0037	0.0001	-0.000047	-0.000075	-0.000014
56	0.0069	0.0037	-0.0001	0.000047	-0.000075	-0.000014
57	0.0070	0.0112	-0.0006	0.000092	-0.000068	-0.000014
58	0.0070	0.0172	0.0011	0.000134	-0.000059	-0.000014
59	-0.0093	-0.0174	0.0039	0.000004	0.000026	-0.000014
60	-0.0093	-0.0114	0.0025	-0.000013	0.000029	-0.000014
61	-0.0093	-0.0035	0.0007	-0.000006	0.000002	-0.000014
62	-0.0093	0.0035	-0.0007	0.000006	0.000002	-0.000014
63	-0.0093	0.0114	-0.0025	0.000013	0.000029	-0.000014
64	-0.0093	0.0174	-0.0039	-0.000004	0.000026	-0.000014
65	0.0092	-0.0174	-0.0040	0.000005	-0.000023	-0.000014
66	0.0092	-0.0114	-0.0026	-0.000015	-0.000025	-0.000014
67	0.0092	-0.0035	-0.0008	0.000004	-0.000018	-0.000014
68	0.0092	0.0035	0.0008	-0.000004	-0.000018	-0.000014
69	0.0092	0.0114	0.0026	0.000015	-0.000025	-0.000014
70	0.0092	0.0174	0.0040	-0.000005	-0.000023	-0.000014
71	-0.0073	-0.0194	0.0032	-0.000036	-0.000014	-0.000014
72	0.0000	-0.0194	0.0000	-0.000039	0.000006	-0.000014
73	0.0072	-0.0194	-0.0033	-0.000035	0.000012	-0.000014
74	-0.0093	-0.0194	0.0043	-0.000008	-0.000003	-0.000014
75	0.0092	-0.0194	-0.0044	-0.000008	0.000003	-0.000014
76	-0.0073	0.0194	-0.0032	0.000036	-0.000014	-0.000014
77	0.0000	0.0194	0.0000	0.000039	0.000006	-0.000014
78	0.0072	0.0194	0.0033	0.000035	0.000012	-0.000014
79	-0.0093	0.0194	-0.0043	0.000008	-0.000003	-0.000014
80	0.0092	0.0194	0.0044	0.000008	0.000003	-0.000014
81	-0.0046	-0.0037	-0.0024	-0.000042	0.000063	-0.000014
82	-0.0046	0.0037	0.0024	0.000042	0.000063	-0.000014
83	-0.0796	-0.1796	0.0008	-0.000327	0.000099	-0.000145
84	-0.0796	-0.1171	0.0000	-0.000372	0.000081	-0.000145
85	-0.0818	-0.0364	0.0119	-0.000086	-0.000012	-0.000145

86	-0.0818	0.0364	-0.0119	0.000086	-0.000012	-0.000145
87	-0.0796	0.1171	0.0000	0.000372	0.000081	-0.000145
88	-0.0796	0.1796	-0.0008	0.000327	0.000099	-0.000145
89	-0.0040	-0.1796	0.0004	-0.000104	0.000012	-0.000145
90	-0.0033	-0.0385	-0.0006	-0.000039	0.000009	-0.000145
91	-0.0033	0.0385	0.0006	0.000039	0.000009	-0.000145
92	-0.0040	0.1796	-0.0004	0.000104	0.000012	-0.000145
93	0.0673	-0.1796	-0.0012	-0.000319	-0.000082	-0.000145
94	0.0673	-0.1171	0.0005	-0.000372	-0.000048	-0.000145
95	0.0666	-0.0385	0.0001	-0.000098	-0.000072	-0.000145
96	0.0666	0.0385	-0.0001	0.000098	-0.000072	-0.000145
97	0.0673	0.1171	-0.0005	0.000372	-0.000048	-0.000145
98	0.0673	0.1796	0.0012	0.000319	-0.000082	-0.000145
99	-0.0542	-0.0385	-0.0024	-0.000067	0.000066	-0.000145
100	-0.0542	0.0385	0.0024	0.000067	0.000066	-0.000145
101	-0.0093	-0.0154	0.0034	-0.000024	-0.000009	-0.000014
102	-0.0093	-0.0134	0.0029	-0.000030	-0.000009	-0.000014
103	-0.0099	-0.0071	0.0033	-0.000025	-0.000003	-0.000028
104	-0.0099	-0.0037	0.0029	-0.000028	-0.000003	-0.000019
105	-0.0096	-0.0154	0.0039	-0.000031	0.000000	-0.000026
106	-0.0096	-0.0070	0.0025	-0.000045	0.000000	-0.000012
107	-0.0096	-0.0182	0.0043	-0.000008	-0.000001	-0.000014
108	-0.0093	-0.0095	0.0020	-0.000027	-0.000012	-0.000014
109	-0.0093	-0.0075	0.0016	-0.000028	-0.000001	-0.000014
110	-0.0093	-0.0055	0.0011	-0.000018	-0.000005	-0.000014
111	-0.0099	-0.0004	0.0020	-0.000027	-0.000003	-0.000006
112	-0.0099	0.0001	0.0016	-0.000022	-0.000003	-0.000002
113	-0.0099	0.0003	0.0011	-0.000017	-0.000003	0.000000
114	-0.0096	-0.0018	0.0007	-0.000016	0.000000	-0.000006
115	-0.0093	-0.0017	0.0004	-0.000004	-0.000004	-0.000014
116	-0.0093	0.0000	0.0000	0.000000	-0.000002	-0.000014
117	-0.0093	0.0017	-0.0004	0.000004	-0.000004	-0.000014
118	-0.0099	0.0001	0.0004	-0.000006	-0.000003	0.000001
119	-0.0099	0.0000	0.0000	0.000000	-0.000003	0.000001
120	-0.0099	-0.0001	-0.0004	0.000006	-0.000003	0.000001
121	-0.0096	0.0018	-0.0007	0.000016	0.000000	-0.000006
122	-0.0093	0.0055	-0.0011	0.000018	-0.000005	-0.000014
123	-0.0093	0.0075	-0.0016	0.000028	-0.000001	-0.000014
124	-0.0093	0.0095	-0.0020	0.000027	-0.000012	-0.000014
125	-0.0099	-0.0003	-0.0011	0.000017	-0.000003	0.000000
126	-0.0099	-0.0001	-0.0016	0.000022	-0.000003	-0.000002
127	-0.0099	0.0004	-0.0020	0.000027	-0.000003	-0.000006
128	-0.0096	0.0070	-0.0025	0.000045	0.000000	-0.000012
129	-0.0093	0.0134	-0.0029	0.000030	-0.000009	-0.000014
130	-0.0093	0.0154	-0.0034	0.000024	-0.000009	-0.000014
131	-0.0099	0.0037	-0.0029	0.000028	-0.000003	-0.000019
132	-0.0099	0.0071	-0.0033	0.000025	-0.000003	-0.000028
133	-0.0096	0.0154	-0.0039	0.000031	0.000000	-0.000026
134	-0.0096	0.0182	-0.0043	0.000008	-0.000001	-0.000014
135	0.0092	-0.0154	-0.0035	-0.000024	0.000009	-0.000014
136	0.0092	-0.0134	-0.0030	-0.000031	0.000008	-0.000014
137	0.0099	-0.0071	-0.0034	-0.000025	0.000003	-0.000028
138	0.0099	-0.0037	-0.0030	-0.000028	0.000003	-0.000019
139	0.0095	-0.0154	-0.0039	-0.000031	0.000000	-0.000026
140	0.0095	-0.0070	-0.0025	-0.000044	0.000000	-0.000012
141	0.0095	-0.0182	-0.0044	-0.000008	0.000001	-0.000015
142	0.0092	-0.0095	-0.0021	-0.000027	0.000011	-0.000014
143	0.0092	-0.0075	-0.0016	-0.000028	0.000000	-0.000014
144	0.0092	-0.0055	-0.0012	-0.000015	0.000009	-0.000014
145	0.0099	-0.0004	-0.0021	-0.000027	0.000003	-0.000005
146	0.0099	0.0000	-0.0016	-0.000023	0.000003	-0.000002
147	0.0099	0.0002	-0.0012	-0.000018	0.000003	0.000000
148	0.0095	-0.0022	-0.0008	-0.000020	0.000000	-0.000006
149	0.0092	-0.0017	-0.0004	-0.000001	0.000009	-0.000014
150	0.0092	0.0000	0.0000	0.000000	0.000000	-0.000014
151	0.0092	0.0017	0.0004	0.000001	0.000009	-0.000014
152	0.0099	0.0001	-0.0004	-0.000007	0.000003	0.000001
153	0.0099	0.0000	0.0000	0.000000	0.000003	0.000000
154	0.0099	-0.0001	0.0004	0.000007	0.000003	0.000001
155	0.0095	0.0022	0.0008	0.000020	0.000000	-0.000006
156	0.0092	0.0055	0.0012	0.000015	0.000009	-0.000014
157	0.0092	0.0075	0.0016	0.000028	0.000000	-0.000014

158	0.0092	0.0095	0.0021	0.000027	0.000011	-0.000014
159	0.0099	-0.0002	0.0012	0.000018	0.000003	0.000000
160	0.0099	0.0000	0.0016	0.000023	0.000003	-0.000002
161	0.0099	0.0004	0.0021	0.000027	0.000003	-0.000005
162	0.0095	0.0070	0.0025	0.000044	0.000000	-0.000012
163	0.0092	0.0134	0.0030	0.000031	0.000008	-0.000014
164	0.0092	0.0154	0.0035	0.000024	0.000009	-0.000014
165	0.0099	0.0037	0.0030	0.000028	0.000003	-0.000019
166	0.0099	0.0071	0.0034	0.000025	0.000003	-0.000028
167	0.0095	0.0154	0.0039	0.000031	0.000000	-0.000026
168	0.0095	0.0182	0.0044	0.000008	0.000001	-0.000015
169	-0.0019	-0.0194	0.0008	0.000003	0.000008	-0.000014
170	-0.0037	-0.0194	0.0016	-0.000010	0.000011	-0.000014
171	-0.0055	-0.0194	0.0024	0.000002	0.000005	-0.000014
172	-0.0004	-0.0170	0.0008	-0.000006	0.000001	-0.000005
173	-0.0013	-0.0169	0.0016	-0.000006	0.000003	-0.000009
174	-0.0030	-0.0169	0.0024	-0.000006	0.000004	-0.000016
175	0.0002	-0.0182	0.0000	0.000000	-0.000002	-0.000007
176	-0.0070	-0.0181	0.0032	0.000000	0.000017	-0.000022
177	0.0054	-0.0194	-0.0024	0.000002	-0.000005	-0.000014
178	0.0036	-0.0194	-0.0016	-0.000010	-0.000010	-0.000014
179	0.0018	-0.0194	-0.0008	0.000003	-0.000003	-0.000014
180	0.0030	-0.0169	-0.0024	-0.000007	-0.000004	-0.000016
181	0.0014	-0.0169	-0.0016	-0.000006	-0.000003	-0.000009
182	0.0006	-0.0170	-0.0008	-0.000006	-0.000002	-0.000005
183	0.0069	-0.0181	-0.0033	0.000000	-0.000015	-0.000023
184	-0.0019	0.0194	-0.0008	-0.000003	0.000008	-0.000014
185	-0.0037	0.0194	-0.0016	0.000010	0.000011	-0.000014
186	-0.0055	0.0194	-0.0024	-0.000002	0.000005	-0.000014
187	-0.0004	0.0170	-0.0008	0.000006	0.000001	-0.000005
188	-0.0013	0.0169	-0.0016	0.000006	0.000003	-0.000009
189	-0.0030	0.0169	-0.0024	0.000006	0.000004	-0.000016
190	0.0002	0.0182	0.0000	0.000000	-0.000002	-0.000007
191	-0.0070	0.0181	-0.0032	0.000000	0.000017	-0.000022
192	0.0054	0.0194	0.0024	-0.000002	-0.000005	-0.000014
193	0.0036	0.0194	0.0016	0.000010	-0.000010	-0.000014
194	0.0018	0.0194	0.0008	-0.000003	-0.000003	-0.000014
195	0.0030	0.0169	0.0024	0.000007	-0.000004	-0.000016
196	0.0014	0.0169	0.0016	0.000006	-0.000003	-0.000009
197	0.0006	0.0170	0.0008	0.000006	-0.000002	-0.000005
198	0.0069	0.0181	0.0033	0.000000	-0.000015	-0.000023
199	-0.0010	-0.0037	0.0002	0.000014	0.000002	-0.000014
200	-0.0022	-0.0037	-0.0015	0.000023	0.000017	-0.000014
201	-0.0034	-0.0037	-0.0033	0.000015	0.000037	-0.000014
202	-0.0058	-0.0037	-0.0004	-0.000010	0.000025	-0.000014
203	-0.0069	-0.0025	0.0014	-0.000004	0.000005	-0.000014
204	-0.0069	-0.0012	0.0011	-0.000003	-0.000010	-0.000014
205	-0.0069	0.0000	0.0000	0.000000	-0.000015	-0.000014
206	-0.0069	0.0012	-0.0011	0.000003	-0.000010	-0.000014
207	-0.0069	0.0025	-0.0014	0.000004	0.000005	-0.000014
208	-0.0058	0.0037	0.0004	0.000010	0.000025	-0.000014
209	-0.0034	0.0037	0.0033	-0.000015	0.000037	-0.000014
210	-0.0022	0.0037	0.0015	-0.000023	0.000017	-0.000014
211	-0.0010	0.0037	-0.0002	-0.000014	0.000002	-0.000014
212	0.0002	0.0025	0.0003	0.000009	0.000004	-0.000014
213	0.0002	0.0012	0.0001	0.000003	0.000001	-0.000014
214	0.0002	0.0000	0.0000	0.000000	0.000001	-0.000014
215	0.0002	-0.0012	-0.0001	-0.000003	0.000001	-0.000014
216	0.0002	-0.0025	-0.0003	-0.000009	0.000004	-0.000014
217	-0.0096	-0.0085	0.0029	-0.000035	0.000000	-0.000010
218	-0.0096	-0.0113	0.0034	-0.000031	0.000000	-0.000029
219	-0.0096	-0.0026	0.0011	-0.000020	0.000000	-0.000005
220	-0.0096	-0.0034	0.0016	-0.000025	0.000000	-0.000007
221	-0.0096	-0.0050	0.0020	-0.000033	0.000000	-0.000015
222	-0.0096	0.0009	-0.0004	0.000007	0.000000	-0.000008
223	-0.0096	0.0000	0.0000	0.000000	0.000000	-0.000006
224	-0.0096	-0.0009	0.0004	-0.000007	0.000000	-0.000008
225	-0.0096	0.0050	-0.0020	0.000033	0.000000	-0.000015
226	-0.0096	0.0034	-0.0016	0.000025	0.000000	-0.000007
227	-0.0096	0.0026	-0.0011	0.000020	0.000000	-0.000005
228	-0.0096	0.0113	-0.0034	0.000031	0.000000	-0.000029
229	-0.0096	0.0085	-0.0029	0.000035	0.000000	-0.000010

230	0.0095	-0.0085	-0.0030	-0.000035	0.000000	-0.000010
231	0.0095	-0.0114	-0.0035	-0.000031	0.000000	-0.000030
232	0.0095	-0.0028	-0.0012	-0.000021	0.000000	-0.000002
233	0.0095	-0.0035	-0.0016	-0.000025	0.000000	-0.000007
234	0.0095	-0.0050	-0.0021	-0.000033	0.000000	-0.000015
235	0.0095	0.0011	0.0004	0.000008	0.000000	-0.000011
236	0.0095	0.0000	0.0000	0.000000	0.000000	-0.000007
237	0.0095	-0.0011	-0.0004	-0.000008	0.000000	-0.000011
238	0.0095	0.0050	0.0021	0.000033	0.000000	-0.000015
239	0.0095	0.0035	0.0016	0.000025	0.000000	-0.000007
240	0.0095	0.0028	0.0012	0.000021	0.000000	-0.000002
241	0.0095	0.0114	0.0035	0.000031	0.000000	-0.000030
242	0.0095	0.0085	0.0030	0.000035	0.000000	-0.000010
243	-0.0042	-0.0182	0.0024	0.000000	0.000012	-0.000021
244	-0.0022	-0.0182	0.0016	0.000000	0.000009	-0.000011
245	-0.0009	-0.0182	0.0008	0.000000	0.000005	-0.000010
246	0.0011	-0.0182	-0.0008	0.000000	-0.000005	-0.000007
247	0.0023	-0.0182	-0.0016	0.000000	-0.000008	-0.000010
248	0.0042	-0.0181	-0.0024	0.000000	-0.000011	-0.000019
249	-0.0042	0.0182	-0.0024	0.000000	0.000012	-0.000021
250	-0.0022	0.0182	-0.0016	0.000000	0.000009	-0.000011
251	-0.0009	0.0182	-0.0008	0.000000	0.000005	-0.000010
252	0.0011	0.0182	0.0008	0.000000	-0.000005	-0.000007
253	0.0023	0.0182	0.0016	0.000000	-0.000008	-0.000010
254	0.0042	0.0181	0.0024	0.000000	-0.000011	-0.000019
255	-0.0010	0.0025	-0.0001	0.000000	-0.000001	-0.000014
256	-0.0022	0.0025	0.0004	-0.000011	0.000009	-0.000014
257	-0.0034	0.0025	0.0006	0.000006	0.000021	-0.000014
258	-0.0046	0.0025	-0.0003	0.000010	0.000006	-0.000014
259	-0.0058	0.0025	-0.0010	0.000006	0.000006	-0.000014
260	-0.0058	0.0012	-0.0008	0.000004	-0.000008	-0.000014
261	-0.0058	0.0000	0.0000	0.000000	-0.000011	-0.000014
262	-0.0058	-0.0012	0.0008	-0.000004	-0.000008	-0.000014
263	-0.0058	-0.0025	0.0010	-0.000006	0.000006	-0.000014
264	-0.0010	0.0012	0.0000	0.000001	0.000000	-0.000014
265	-0.0022	0.0012	-0.0001	0.000001	0.000001	-0.000014
266	-0.0034	0.0012	-0.0002	0.000002	-0.000001	-0.000014
267	-0.0046	0.0012	-0.0005	0.000004	-0.000002	-0.000014
268	-0.0046	0.0000	0.0000	0.000000	-0.000008	-0.000014
269	-0.0046	-0.0012	0.0005	-0.000004	-0.000002	-0.000014
270	-0.0046	-0.0025	0.0003	-0.000010	0.000005	-0.000014
271	-0.0010	0.0000	0.0000	0.000000	-0.000001	-0.000014
272	-0.0022	0.0000	0.0000	0.000000	-0.000003	-0.000014
273	-0.0034	0.0000	0.0000	0.000000	-0.000004	-0.000014
274	-0.0034	-0.0012	0.0003	-0.000002	-0.000001	-0.000014
275	-0.0034	-0.0025	-0.0006	-0.000006	0.000021	-0.000014
276	-0.0010	-0.0012	0.0000	-0.000001	0.000000	-0.000014
277	-0.0022	-0.0012	0.0001	-0.000001	0.000001	-0.000014
278	-0.0022	-0.0025	-0.0004	0.000011	0.000009	-0.000014
279	-0.0010	-0.0025	0.0001	0.000001	-0.000001	-0.000014

2.1.4.2 Sollecitazioni SLV

Tabella 14.I

Sollecitazioni									
Asta	Imp.	Fili	X [cm]	N [daN]	Mt [daNm]	Mxz [daNm]	Txz [daN]	Mxy [daNm]	Txy [daN]
1	FONDAZIONE	1, 2	0	-4.46	2.34	-2.12	3.74	5.71	4.76
			218	-3.36	2.33	1.49	0.37	-1.47	2.11
			435	-2.28	2.33	0.85	-0.42	-4.66	1.04
2	FONDAZIONE	7, 1	0	-6.07	-0.99	-3.17	3.04	-4.55	-2.12
			260	-1.96	-0.99	3.34	2.92	0.65	-1.81
			520	2.15	-0.99	8.92	1.16	4.54	-1.05
3	FONDAZIONE	2, 3	0	-11.82	-1.63	2.50	-0.27	-2.13	-0.25
			268	-10.57	-1.63	1.65	-0.26	-0.90	-0.59
			535	-9.41	-1.63	-1.88	-2.85	0.85	-0.72

4	FONDAZ IONE	8, 2	0	3.34	-0.08	-5.88	2.69	-2.46	-1.16
			260	3.94	-0.08	0.37	2.36	0.25	-0.82
			520	4.57	-0.08	7.45	3.17	1.38	0.06
5	FONDAZ IONE	3, 4	0	-1.10	5.75	-13.11	7.15	-0.04	0.01
			265	0.00	5.75	0.00	3.80	0.00	-0.03
			530	1.10	5.75	13.11	7.15	0.04	0.01
6	FONDAZ IONE	9, 3	0	-7.90	0.64	7.35	-5.74	1.07	0.35
			260	-7.71	0.64	1.48	0.60	-0.03	0.60
			520	-7.59	0.64	5.20	0.88	-2.62	1.48
7	FONDAZ IONE	4, 5	0	9.41	-1.63	1.88	-2.85	-0.85	-0.72
			268	10.57	-1.63	-1.65	-0.26	0.90	-0.59
			535	11.82	-1.63	-2.50	-0.27	2.13	-0.25
8	FONDAZ IONE	10, 4	0	7.90	0.64	-7.35	5.74	1.07	0.35
			260	7.71	0.64	-1.48	-0.60	-0.03	0.60
			520	7.59	0.64	-5.20	-0.88	-2.62	1.48
9	FONDAZ IONE	5, 6	0	2.28	2.33	-0.85	-0.42	4.66	1.04
			218	3.36	2.33	-1.49	0.37	1.47	2.11
			435	4.46	2.34	2.12	3.74	-5.71	4.76
10	FONDAZ IONE	11, 5	0	-3.34	-0.08	5.88	-2.69	-2.46	-1.16
			260	-3.94	-0.08	-0.37	-2.36	0.25	-0.82
			520	-4.57	-0.08	-7.45	-3.17	1.38	0.06
11	FONDAZ IONE	12, 6	0	6.07	-0.99	3.17	-3.04	-4.55	-2.12
			260	1.96	-0.99	-3.34	-2.92	0.65	-1.81
			520	-2.15	-0.99	-8.92	-1.16	4.54	-1.05
12	FONDAZ IONE	7, 8	0	-1.32	-0.86	0.24	0.00	8.40	5.84
			215	-1.31	-0.86	-0.18	-0.39	-0.94	3.12
			430	-1.31	-0.86	-1.41	-0.71	-6.23	2.04
13	FONDAZ IONE	13, 7	0	-2.82	-2.51	-6.43	-1.88	-2.88	0.03
			240	0.98	-2.51	-4.86	2.52	-1.13	-1.29
			480	4.78	-2.51	0.36	2.42	2.66	-1.74
14	FONDAZ IONE	8, 9	0	-0.22	0.82	-2.04	-0.03	-3.17	-0.74
			270	-0.24	0.82	-1.11	1.35	-0.67	-1.06
			540	-0.26	0.82	10.06	7.72	2.55	-1.33
15	FONDAZ IONE	14, 8	0	-4.21	-0.68	-7.52	5.82	1.49	1.68
			245	-3.62	-0.68	1.56	2.34	-0.52	0.15
			490	-3.06	-0.68	6.64	2.16	-0.12	-0.32
16	FONDAZ IONE	9, 10	0	0.02	-0.17	10.90	-7.15	-0.98	-0.31
			265	0.00	-0.17	0.00	-2.45	0.00	-0.39
			530	-0.02	-0.17	-10.90	-7.15	0.98	-0.31
17	FONDAZ IONE	15, 9	0	-2.28	0.49	-1.94	1.18	5.63	3.43
			240	-2.06	0.49	0.02	1.37	-0.47	1.84
			480	-1.85	0.49	8.92	6.83	-4.18	1.42
18	FONDAZ IONE	10, 11	0	0.26	0.82	-10.06	7.72	-2.55	-1.33
			270	0.24	0.82	1.11	1.35	0.67	-1.06
			540	0.22	0.82	2.04	-0.03	3.17	-0.74
19	FONDAZ IONE	16, 10	0	2.28	0.49	1.94	-1.18	5.63	3.43
			240	2.06	0.49	-0.02	-1.37	-0.47	1.84
			480	1.85	0.49	-8.92	-6.83	-4.18	1.42
20	FONDAZ IONE	11, 12	0	1.31	-0.86	1.41	-0.71	6.23	2.04
			215	1.31	-0.86	0.18	-0.39	0.94	3.12
			430	1.32	-0.86	-0.24	0.00	-8.40	5.84
21	FONDAZ IONE	17, 11	0	4.21	-0.68	7.52	-5.82	1.49	1.68
			245	3.62	-0.68	-1.56	-2.34	-0.52	0.15
			490	3.06	-0.68	-6.64	-2.16	-0.12	-0.32
22	FONDAZ	18, 12	0	2.82	-2.51	6.43	1.88	-2.88	0.03

	IONE								
			240	-0.98	-2.51	4.86	-2.52	-1.13	-1.29
			480	-4.78	-2.51	-0.36	-2.42	2.66	-1.74
23	FONDAZ IONE	13, 14	0	0.93	4.79	6.15	-7.37	4.12	4.10
			218	-0.92	4.79	-2.65	-2.53	-1.65	1.49
			435	-2.77	4.79	-9.32	-4.90	-3.51	0.44
24	FONDAZ IONE	14, 15	0	1.43	1.05	-6.63	5.23	-3.84	-0.98
			265	-0.82	1.05	1.07	0.48	-0.74	-1.31
			530	-3.08	1.05	-1.21	-2.46	3.15	-1.63
25	FONDAZ IONE	15, 16	0	2.30	-2.17	-2.62	1.70	-1.08	-0.32
			270	0.00	-2.17	0.00	0.25	0.00	-0.43
			540	-2.30	-2.17	2.62	1.70	1.08	-0.32
26	FONDAZ IONE	16, 17	0	3.08	1.05	1.21	-2.46	-3.15	-1.63
			265	0.82	1.05	-1.07	0.48	0.74	-1.31
			530	-1.43	1.05	6.63	5.23	3.84	-0.98
27	FONDAZ IONE	17, 18	0	2.77	4.79	9.32	-4.90	3.51	0.44
			218	0.92	4.79	2.65	-2.53	1.65	1.49
			435	-0.93	4.79	-6.15	-7.37	-4.12	4.10
28	FONDAZ IONE	19, 20	0	4.72	-12.48	-1.72	6.13	25.79	-25.04
			72	-9.68	-12.48	1.68	-4.58	38.07	-9.82
			143	-24.09	-12.48	-2.35	-14.61	40.67	2.03
29	FONDAZ IONE	19, 20	0	10.81	-6.06	-2.38	5.60	42.14	-8.43
			72	-3.60	-6.06	1.12	-3.77	44.81	0.50
			143	-18.02	-6.06	-1.86	-12.48	42.00	6.96
30	FONDAZ IONE	19, 20	0	14.61	0.22	-1.89	4.09	40.26	-1.00
			72	0.19	0.22	1.00	-3.96	39.27	3.46
			143	-14.22	0.21	-1.65	-11.37	35.67	6.36
31	FONDAZ IONE	34, 19	0	-3.02	-13.06	-6.52	11.13	-37.00	-62.02
			70	-17.07	-13.07	-0.09	-0.67	-1.51	-39.97
			140	-31.13	-13.07	-1.69	-11.82	19.80	-21.55
32	FONDAZ IONE	20, 21	0	16.73	2.03	-1.67	2.83	33.77	7.94
			71	2.40	2.03	0.77	-3.90	27.43	9.67
			143	-11.93	2.03	-1.34	-9.98	20.18	10.57
33	FONDAZ IONE	20, 21	0	19.30	8.05	-1.36	1.64	19.59	3.94
			71	4.97	8.05	0.69	-3.80	16.64	4.27
			143	-9.35	8.04	-0.91	-8.62	13.60	4.22
34	FONDAZ IONE	20, 21	0	20.94	8.57	-0.93	0.29	13.14	5.17
			71	6.61	8.57	0.61	-3.91	9.54	4.90
			143	-7.70	8.57	-0.62	-7.48	6.18	4.53
35	FONDAZ IONE	20, 21	0	19.78	10.69	-0.65	-0.97	5.75	2.49
			71	5.47	10.69	0.43	-3.94	4.12	2.10
			143	-8.84	10.69	-0.39	-6.31	2.76	1.74
36	FONDAZ IONE	21, 22	0	15.71	10.79	-0.42	-2.30	3.16	3.24
			63	3.16	10.79	0.13	-3.89	1.22	2.98
			125	-9.39	10.78	-0.17	-5.03	-0.58	2.80
37	FONDAZ IONE	21, 22	0	13.51	12.39	-0.19	-3.25	0.36	0.81
			63	0.96	12.38	0.05	-3.93	-0.10	0.70
			125	-11.58	12.38	0.01	-4.16	-0.53	0.67
38	FONDAZ IONE	21, 22	0	11.58	12.38	-0.01	-4.16	0.53	0.67
			63	-0.97	12.38	-0.05	-3.93	0.10	0.70
			125	-13.52	12.39	0.19	-3.25	-0.37	0.81
39	FONDAZ IONE	21, 22	0	9.39	10.78	0.17	-5.03	0.58	2.80
			63	-3.16	10.79	-0.13	-3.89	-1.22	2.98
			125	-15.71	10.79	0.42	-2.30	-3.16	3.24
40	FONDAZ IONE	22, 23	0	8.84	10.69	0.39	-6.31	-2.76	1.74

			71	-5.47	10.69	-0.43	-3.94	-4.12	2.10
			143	-19.78	10.69	0.65	-0.97	-5.75	2.49
41	FONDAZ IONE	22, 23	0	7.70	8.57	0.62	-7.48	-6.18	4.53
			71	-6.62	8.57	-0.61	-3.91	-9.54	4.90
			143	-20.94	8.57	0.93	0.29	-13.14	5.17
42	FONDAZ IONE	22, 23	0	9.35	8.04	0.91	-8.62	-13.60	4.22
			71	-4.97	8.05	-0.69	-3.80	-16.64	4.27
			143	-19.30	8.05	1.36	1.64	-19.59	3.94
43	FONDAZ IONE	22, 23	0	11.93	2.03	1.34	-9.98	-20.18	10.57
			71	-2.40	2.03	-0.77	-3.90	-27.43	9.67
			143	-16.73	2.03	1.67	2.83	-33.77	7.94
44	FONDAZ IONE	23, 24	0	14.22	0.21	1.65	-11.37	-35.67	6.36
			72	-0.19	0.22	-1.00	-3.96	-39.27	3.46
			143	-14.61	0.22	1.89	4.09	-40.26	-1.00
45	FONDAZ IONE	23, 24	0	18.02	-6.06	1.86	-12.48	-42.00	6.96
			72	3.60	-6.06	-1.12	-3.77	-44.81	0.50
			143	-10.81	-6.06	2.38	5.60	-42.14	-8.43
46	FONDAZ IONE	23, 24	0	24.09	-12.48	2.35	-14.61	-40.67	2.03
			72	9.68	-12.48	-1.68	-4.58	-38.07	-9.82
			143	-4.72	-12.48	1.72	6.13	-25.79	-25.04
47	FONDAZ IONE	24, 39	0	31.13	-13.07	1.69	-11.82	-19.80	-21.55
			70	17.07	-13.07	0.09	-0.67	1.51	-39.97
			140	3.02	-13.06	6.52	11.13	37.00	-62.02
48	FONDAZ IONE	25, 26	0	-4.49	-12.68	1.69	-6.32	25.66	-24.90
			72	9.81	-12.68	-1.74	4.61	37.84	-9.68
			143	24.11	-12.68	2.41	14.85	40.33	2.19
49	FONDAZ IONE	25, 26	0	-10.28	-5.87	2.43	-5.84	41.91	-8.86
			72	4.03	-5.87	-1.14	3.73	44.89	0.08
			143	18.34	-5.87	1.90	12.64	42.37	6.56
50	FONDAZ IONE	25, 26	0	-13.79	0.06	1.93	-4.31	40.76	-0.94
			72	0.52	0.06	-1.03	3.93	39.72	3.55
			143	14.84	0.06	1.68	11.51	36.05	6.47
51	FONDAZ IONE	35, 25	0	2.59	-12.86	6.88	-11.67	-38.18	-62.74
			70	16.54	-12.86	0.17	0.37	-2.19	-40.70
			140	30.49	-12.86	1.66	11.74	19.63	-22.27
52	FONDAZ IONE	26, 27	0	-15.34	1.88	1.70	-3.03	34.15	7.76
			71	-1.11	1.87	-0.81	3.86	27.93	9.53
			143	13.12	1.87	1.36	10.12	20.75	10.49
53	FONDAZ IONE	26, 27	0	-16.99	7.49	1.39	-1.83	20.07	4.21
			71	-2.77	7.49	-0.72	3.79	16.90	4.62
			143	11.46	7.48	0.94	8.77	13.58	4.67
54	FONDAZ IONE	26, 27	0	-17.04	7.67	0.97	-0.42	12.84	5.94
			71	-2.82	7.67	-0.59	3.93	8.65	5.80
			143	11.41	7.67	0.74	7.67	4.59	5.58
55	FONDAZ IONE	26, 27	0	-14.65	11.16	0.76	0.84	3.79	1.43
			71	-0.43	11.16	-0.34	3.96	2.85	1.20
			143	13.80	11.16	0.57	6.47	2.07	0.99
56	FONDAZ IONE	27, 28	0	-11.07	10.70	0.59	2.15	2.50	4.16
			63	1.41	10.70	0.00	3.85	-0.06	4.02
			125	13.88	10.70	0.31	5.06	-2.54	3.93
57	FONDAZ IONE	27, 28	0	-11.49	13.86	0.34	3.06	-1.22	-0.34
			63	0.99	13.86	0.01	3.80	-0.99	-0.39
			125	13.47	13.86	-0.01	4.04	-0.74	-0.40
58	FONDAZ IONE	27, 28	0	-13.47	13.86	0.01	4.04	0.74	-0.40
			63	-0.99	13.86	-0.01	3.80	0.99	-0.39

			125	11.49	13.86	-0.34	3.06	1.22	-0.34
59	FONDAZ IONE	27, 28	0	-13.88	10.70	-0.31	5.06	2.54	3.93
			63	-1.41	10.70	0.00	3.85	0.06	4.02
			125	11.07	10.70	-0.59	2.15	-2.50	4.16
60	FONDAZ IONE	28, 29	0	-13.80	11.16	-0.57	6.47	-2.07	0.99
			71	0.42	11.16	0.34	3.96	-2.85	1.20
			143	14.65	11.16	-0.76	0.84	-3.79	1.43
61	FONDAZ IONE	28, 29	0	-11.41	7.67	-0.74	7.67	-4.59	5.58
			71	2.82	7.67	0.59	3.93	-8.65	5.80
			143	17.04	7.67	-0.97	-0.42	-12.84	5.94
62	FONDAZ IONE	28, 29	0	-11.46	7.48	-0.94	8.77	-13.58	4.67
			71	2.77	7.49	0.72	3.79	-16.90	4.62
			143	16.99	7.49	-1.39	-1.83	-20.07	4.21
63	FONDAZ IONE	28, 29	0	-13.12	1.87	-1.36	10.12	-20.75	10.49
			71	1.11	1.87	0.81	3.86	-27.93	9.53
			143	15.34	1.88	-1.70	-3.03	-34.15	7.76
64	FONDAZ IONE	29, 30	0	-14.84	0.06	-1.68	11.51	-36.05	6.47
			72	-0.52	0.06	1.03	3.93	-39.72	3.55
			143	13.79	0.06	-1.93	-4.31	-40.76	-0.94
65	FONDAZ IONE	29, 30	0	-18.34	-5.87	-1.90	12.64	-42.37	6.56
			72	-4.03	-5.87	1.14	3.73	-44.89	0.08
			143	10.28	-5.87	-2.43	-5.84	-41.91	-8.86
66	FONDAZ IONE	29, 30	0	-24.11	-12.68	-2.41	14.85	-40.33	2.19
			72	-9.81	-12.68	1.74	4.61	-37.84	-9.68
			143	4.49	-12.68	-1.69	-6.32	-25.66	-24.90
67	FONDAZ IONE	30, 40	0	-30.49	-12.86	-1.66	11.74	-19.63	-22.27
			70	-16.54	-12.86	-0.17	0.37	2.19	-40.70
			140	-2.59	-12.86	-6.88	-11.67	38.18	-62.74
68	FONDAZ IONE	32, 31	0	28.30	3.33	-0.02	-6.53	-1.33	11.52
			65	5.98	3.33	0.11	-6.99	-8.82	11.48
			130	-16.34	3.33	-0.40	-8.48	-16.18	11.11
69	FONDAZ IONE	32, 31	0	46.19	3.26	-0.35	-4.32	-17.98	10.44
			65	23.88	3.26	0.53	-6.84	-24.54	9.65
			130	1.58	3.26	-0.56	-10.41	-30.40	8.27
70	FONDAZ IONE	32, 31	0	63.72	1.54	-0.51	-2.16	-31.88	9.33
			65	41.44	1.55	1.10	-6.77	-37.28	7.13
			130	19.18	1.55	-0.63	-12.45	-40.91	3.84
71	FONDAZ IONE	32, 31	0	78.64	-4.58	-0.59	-1.83	-41.80	11.48
			65	56.40	-4.58	0.52	-8.62	-47.82	6.79
			130	34.20	-4.58	-3.14	-16.52	-50.24	0.33
72	FONDAZ IONE	31, 34	0	87.14	-7.00	-3.10	13.54	-50.78	2.72
			70	63.26	-7.00	7.83	3.81	-49.57	-6.66
			140	39.42	-7.00	11.45	-7.38	-40.77	-19.04
73	FONDAZ IONE	33, 32	0	-35.50	-4.56	3.19	-16.69	50.48	-0.09
			65	-57.70	-4.56	-0.53	-8.61	48.34	6.34
			130	-79.92	-4.56	0.64	-1.65	42.60	11.04
74	FONDAZ IONE	33, 32	0	-21.80	0.68	0.69	-12.65	41.59	4.41
			65	-44.04	0.68	-1.12	-6.80	37.57	7.74
			130	-66.31	0.68	0.51	-2.05	31.75	10.02
75	FONDAZ IONE	33, 32	0	-5.90	2.02	0.56	-10.58	29.92	9.24
			65	-28.19	2.02	-0.60	-6.89	23.39	10.75
			130	-50.49	2.02	0.30	-4.25	16.06	11.71
76	FONDAZ IONE	33, 32	0	10.93	3.78	0.34	-8.61	13.83	9.64
			65	-11.39	3.78	-0.21	-7.00	7.37	10.19
			130	-33.71	3.78	-0.06	-6.44	0.65	10.43

77	FONDAZIONE	35, 33	0	-40.10	-7.32	-11.36	-7.63	42.02	-18.24
			70	-63.93	-7.32	-7.83	3.79	50.29	-5.94
			140	-87.80	-7.32	3.14	13.72	51.03	3.38
78	FONDAZIONE	37, 36	0	-28.30	3.33	0.02	6.53	-1.33	11.52
			65	-5.98	3.33	-0.11	6.99	-8.82	11.48
			130	16.34	3.33	0.40	8.48	-16.18	11.11
79	FONDAZIONE	37, 36	0	-46.19	3.26	0.35	4.32	-17.98	10.44
			65	-23.88	3.26	-0.53	6.84	-24.54	9.65
			130	-1.58	3.26	0.56	10.41	-30.40	8.27
80	FONDAZIONE	37, 36	0	-63.72	1.54	0.51	2.16	-31.88	9.33
			65	-41.44	1.55	-1.10	6.77	-37.28	7.13
			130	-19.18	1.55	0.63	12.45	-40.91	3.84
81	FONDAZIONE	37, 36	0	-78.64	-4.58	0.59	1.83	-41.80	11.48
			65	-56.40	-4.58	-0.52	8.62	-47.82	6.79
			130	-34.20	-4.58	3.14	16.52	-50.24	0.33
82	FONDAZIONE	36, 39	0	-87.14	-7.00	3.10	-13.54	-50.78	2.72
			70	-63.26	-7.00	-7.83	-3.81	-49.57	-6.66
			140	-39.42	-7.00	-11.45	7.38	-40.77	-19.04
83	FONDAZIONE	38, 37	0	35.50	-4.56	-3.19	16.69	50.48	-0.09
			65	57.70	-4.56	0.53	8.61	48.34	6.34
			130	79.92	-4.56	-0.64	1.65	42.60	11.04
84	FONDAZIONE	38, 37	0	21.80	0.68	-0.69	12.65	41.59	4.41
			65	44.04	0.68	1.12	6.80	37.57	7.74
			130	66.31	0.68	-0.51	2.05	31.75	10.02
85	FONDAZIONE	38, 37	0	5.90	2.02	-0.56	10.58	29.92	9.24
			65	28.19	2.02	0.60	6.89	23.39	10.75
			130	50.49	2.02	-0.30	4.25	16.06	11.71
86	FONDAZIONE	38, 37	0	-10.92	3.78	-0.34	8.61	13.83	9.64
			65	11.39	3.78	0.21	7.00	7.37	10.19
			130	33.71	3.78	0.06	6.44	0.65	10.43
87	FONDAZIONE	40, 38	0	40.10	-7.32	11.36	7.63	42.02	-18.24
			70	63.93	-7.32	7.83	-3.79	50.29	-5.94
			140	87.80	-7.32	-3.14	-13.72	51.03	3.38
88	PRIMO IMPALC ATO	1, 2	0	0.00	1.76	-16.37	7.78	0.00	0.00
			215	0.00	1.76	0.36	7.78	0.00	0.00
			430	0.00	1.76	17.10	7.78	0.00	0.00
89	PRIMO IMPALC ATO	7, 1	0	0.00	3.59	-43.13	15.99	0.00	0.00
			260	0.00	3.59	-1.57	15.99	0.00	0.00
			520	0.00	3.59	40.00	15.99	0.00	0.00
90	PRIMO IMPALC ATO	1, 19	0	0.00	-10.98	-57.46	47.43	0.00	0.00
			78	0.00	-10.98	-20.52	47.43	0.00	0.00
			156	0.00	-10.98	16.41	47.43	0.00	0.00
91	PRIMO IMPALC ATO	31, 1	0	0.00	-11.51	-13.83	27.28	0.00	0.00
			78	0.00	-11.51	7.42	27.28	0.00	0.00
			156	0.00	-11.51	28.66	27.28	0.00	0.00
92	PRIMO IMPALC ATO	2, 3	0	0.00	2.52	-9.82	2.98	0.00	0.00
			270	0.00	2.52	-1.78	2.98	0.00	0.00
			540	0.00	2.52	6.27	2.98	0.00	0.00
93	PRIMO IMPALC ATO	8, 2	0	0.00	4.68	-9.72	5.19	0.00	0.00
			260	0.00	4.68	3.76	5.19	0.00	0.00
			520	0.00	4.68	17.25	5.19	0.00	0.00

94	PRIMO IMPALC ATO	2, 20	0	0.00	-11.18	-37.70	34.40	0.00	0.00
			78	0.00	-11.18	-10.92	34.40	0.00	0.00
			156	0.00	-11.18	15.87	34.40	0.00	0.00
95	PRIMO IMPALC ATO	3, 4	0	0.00	1.17	-1.65	-0.98	0.00	0.00
			44	0.00	1.17	-2.08	-0.98	0.00	0.00
			88	0.00	1.17	-2.52	-0.98	0.00	0.00
96	PRIMO IMPALC ATO	3, 4	0	0.00	0.18	-2.89	0.68	0.00	0.00
			44	0.00	0.18	-2.59	0.68	0.00	0.00
			88	0.00	0.18	-2.30	0.68	0.00	0.00
97	PRIMO IMPALC ATO	3, 4	0	0.00	0.54	-1.52	1.28	0.00	0.00
			44	0.00	0.54	-0.96	1.28	0.00	0.00
			88	0.00	0.54	-0.39	1.28	0.00	0.00
98	PRIMO IMPALC ATO	3, 4	0	0.00	0.53	0.40	1.28	0.00	0.00
			44	0.00	0.53	0.96	1.28	0.00	0.00
			88	0.00	0.53	1.53	1.28	0.00	0.00
99	PRIMO IMPALC ATO	3, 4	0	0.00	0.17	2.29	0.67	0.00	0.00
			44	0.00	0.17	2.59	0.67	0.00	0.00
			88	0.00	0.17	2.88	0.67	0.00	0.00
100	PRIMO IMPALC ATO	3, 4	0	0.00	1.18	2.53	-1.01	0.00	0.00
			44	0.00	1.18	2.08	-1.01	0.00	0.00
			88	0.00	1.18	1.64	-1.01	0.00	0.00
101	PRIMO IMPALC ATO	3, 21	0	0.00	-2.54	-6.28	6.61	0.00	0.00
			83	0.00	-2.54	-0.81	6.61	0.00	0.00
			166	0.00	-2.54	4.67	6.61	0.00	0.00
102	PRIMO IMPALC ATO	41, 3	0	0.00	-13.82	-11.63	5.85	0.00	0.00
			41	0.00	-13.82	-9.22	5.85	0.00	0.00
			83	0.00	-13.82	-6.81	5.85	0.00	0.00
103	PRIMO IMPALC ATO	41, 3	0	0.00	-3.20	-1.14	2.69	0.00	0.00
			41	0.00	-3.20	-0.03	2.69	0.00	0.00
			83	0.00	-3.20	1.08	2.69	0.00	0.00
104	PRIMO IMPALC ATO	4, 5	0	0.00	2.52	-6.27	2.98	0.00	0.00
			270	0.00	2.52	1.78	2.98	0.00	0.00
			540	0.00	2.52	9.82	2.98	0.00	0.00
105	PRIMO IMPALC ATO	4, 22	0	0.00	-2.54	6.28	-6.60	0.00	0.00
			83	0.00	-2.54	0.81	-6.60	0.00	0.00
			166	0.00	-2.54	-4.66	-6.60	0.00	0.00
106	PRIMO IMPALC ATO	42, 4	0	0.00	-13.85	11.68	-5.90	0.00	0.00
			41	0.00	-13.85	9.25	-5.90	0.00	0.00
			83	0.00	-13.85	6.81	-5.90	0.00	0.00
107	PRIMO IMPALC ATO	42, 4	0	0.00	-3.19	1.11	-2.67	0.00	0.00
			41	0.00	-3.19	0.01	-2.67	0.00	0.00
			83	0.00	-3.19	-1.09	-2.67	0.00	0.00
108	PRIMO IMPALC ATO	5, 6	0	0.00	1.76	-17.10	7.78	0.00	0.00
			215	0.00	1.76	-0.36	7.78	0.00	0.00

			430	0.00	1.76	16.37	7.78	0.00	0.00
109	PRIMO IMPALC ATO	11, 5	0	0.00	4.68	9.72	-5.19	0.00	0.00
			260	0.00	4.68	-3.76	-5.19	0.00	0.00
			520	0.00	4.68	-17.25	-5.19	0.00	0.00
110	PRIMO IMPALC ATO	5, 23	0	0.00	-11.18	37.70	-34.40	0.00	0.00
			78	0.00	-11.18	10.92	-34.40	0.00	0.00
			156	0.00	-11.18	-15.87	-34.40	0.00	0.00
111	PRIMO IMPALC ATO	12, 6	0	0.00	3.59	43.13	-15.99	0.00	0.00
			260	0.00	3.59	1.57	-15.99	0.00	0.00
			520	0.00	3.59	-40.00	-15.99	0.00	0.00
112	PRIMO IMPALC ATO	6, 24	0	0.00	-10.98	57.46	-47.43	0.00	0.00
			78	0.00	-10.98	20.52	-47.43	0.00	0.00
			156	0.00	-10.98	-16.41	-47.43	0.00	0.00
113	PRIMO IMPALC ATO	6, 36	0	0.00	-11.51	-28.66	27.28	0.00	0.00
			78	0.00	-11.51	-7.42	27.28	0.00	0.00
			156	0.00	-11.51	13.83	27.28	0.00	0.00
114	PRIMO IMPALC ATO	7, 8	0	0.00	6.30	-1.22	0.42	0.00	0.00
			215	0.00	6.30	-0.32	0.42	0.00	0.00
			430	0.00	6.30	0.58	0.42	0.00	0.00
115	PRIMO IMPALC ATO	13, 7	0	0.00	4.13	-41.48	17.64	0.00	0.00
			245	0.00	4.13	1.75	17.64	0.00	0.00
			490	0.00	4.13	44.97	17.64	0.00	0.00
116	PRIMO IMPALC ATO	32, 7	0	0.00	-14.05	2.15	-4.21	0.00	0.00
			78	0.00	-14.05	-1.13	-4.21	0.00	0.00
			156	0.00	-14.05	-4.41	-4.21	0.00	0.00
117	PRIMO IMPALC ATO	8, 9	0	0.00	-0.90	-0.08	0.05	0.00	0.00
			270	0.00	-0.90	0.04	0.05	0.00	0.00
			540	0.00	-0.90	0.16	0.05	0.00	0.00
118	PRIMO IMPALC ATO	14, 8	0	0.00	4.13	-18.81	6.02	0.00	0.00
			245	0.00	4.13	-4.06	6.02	0.00	0.00
			490	0.00	4.13	10.69	6.02	0.00	0.00
119	PRIMO IMPALC ATO	9, 10	0	0.00	5.23	1.37	-1.83	0.00	0.00
			44	0.00	5.23	0.57	-1.83	0.00	0.00
			88	0.00	5.23	-0.24	-1.83	0.00	0.00
120	PRIMO IMPALC ATO	9, 10	0	0.00	1.21	-0.25	-0.36	0.00	0.00
			44	0.00	1.21	-0.41	-0.36	0.00	0.00
			88	0.00	1.21	-0.56	-0.36	0.00	0.00
121	PRIMO IMPALC ATO	9, 10	0	0.00	0.53	-0.12	-0.03	0.00	0.00
			44	0.00	0.53	-0.13	-0.03	0.00	0.00
			88	0.00	0.53	-0.14	-0.03	0.00	0.00
122	PRIMO IMPALC ATO	9, 10	0	0.00	0.53	0.15	-0.03	0.00	0.00
			44	0.00	0.53	0.13	-0.03	0.00	0.00
			88	0.00	0.53	0.12	-0.03	0.00	0.00
123	PRIMO IMPALC ATO	9, 10	0	0.00	1.21	0.57	-0.36	0.00	0.00

			44	0.00	1.21	0.41	-0.36	0.00	0.00
			88	0.00	1.21	0.25	-0.36	0.00	0.00
124	PRIMO IMPALC ATO	9, 10	0	0.00	5.23	0.25	-1.85	0.00	0.00
			44	0.00	5.23	-0.57	-1.85	0.00	0.00
			88	0.00	5.23	-1.38	-1.85	0.00	0.00
125	PRIMO IMPALC ATO	15, 9	0	0.00	4.81	-13.48	5.40	0.00	0.00
			240	0.00	4.81	-0.52	5.40	0.00	0.00
			480	0.00	4.81	12.43	5.40	0.00	0.00
126	PRIMO IMPALC ATO	9, 41	0	0.00	0.40	-18.04	9.87	0.00	0.00
			44	0.00	0.40	-13.72	9.87	0.00	0.00
			88	0.00	0.40	-9.40	9.87	0.00	0.00
127	PRIMO IMPALC ATO	9, 41	0	0.00	5.18	-4.54	4.66	0.00	0.00
			44	0.00	5.18	-2.50	4.66	0.00	0.00
			88	0.00	5.18	-0.46	4.66	0.00	0.00
128	PRIMO IMPALC ATO	9, 41	0	0.00	7.20	0.01	4.96	0.00	0.00
			44	0.00	7.20	2.18	4.96	0.00	0.00
			88	0.00	7.20	4.35	4.96	0.00	0.00
129	PRIMO IMPALC ATO	9, 41	0	0.00	8.85	9.56	13.51	0.00	0.00
			44	0.00	8.85	15.47	13.51	0.00	0.00
			88	0.00	8.85	21.38	13.51	0.00	0.00
130	PRIMO IMPALC ATO	10, 11	0	0.00	-0.90	-0.16	0.05	0.00	0.00
			270	0.00	-0.90	-0.04	0.05	0.00	0.00
			540	0.00	-0.90	0.08	0.05	0.00	0.00
131	PRIMO IMPALC ATO	16, 10	0	0.00	4.81	13.48	-5.40	0.00	0.00
			240	0.00	4.81	0.52	-5.40	0.00	0.00
			480	0.00	4.81	-12.43	-5.40	0.00	0.00
132	PRIMO IMPALC ATO	10, 42	0	0.00	0.40	18.04	-9.89	0.00	0.00
			44	0.00	0.40	13.71	-9.89	0.00	0.00
			88	0.00	0.40	9.38	-9.89	0.00	0.00
133	PRIMO IMPALC ATO	10, 42	0	0.00	5.18	4.55	-4.65	0.00	0.00
			44	0.00	5.18	2.51	-4.65	0.00	0.00
			88	0.00	5.18	0.47	-4.65	0.00	0.00
134	PRIMO IMPALC ATO	10, 42	0	0.00	7.19	0.02	-5.03	0.00	0.00
			44	0.00	7.19	-2.18	-5.03	0.00	0.00
			88	0.00	7.19	-4.38	-5.03	0.00	0.00
135	PRIMO IMPALC ATO	10, 42	0	0.00	8.88	-9.63	-13.40	0.00	0.00
			44	0.00	8.88	-15.49	-13.40	0.00	0.00
			88	0.00	8.88	-21.35	-13.40	0.00	0.00
136	PRIMO IMPALC ATO	11, 12	0	0.00	6.30	-0.58	0.42	0.00	0.00
			215	0.00	6.30	0.32	0.42	0.00	0.00
			430	0.00	6.30	1.22	0.42	0.00	0.00
137	PRIMO IMPALC ATO	17, 11	0	0.00	4.13	18.81	-6.02	0.00	0.00
			245	0.00	4.13	4.06	-6.02	0.00	0.00
			490	0.00	4.13	-10.69	-6.02	0.00	0.00
138	PRIMO IMPALC	18, 12	0	0.00	4.13	41.48	-17.64	0.00	0.00

	ATO								
			245	0.00	4.13	-1.75	-17.64	0.00	0.00
			490	0.00	4.13	-44.97	-17.64	0.00	0.00
139	PRIMO IMPALC ATO	12, 37	0	0.00	-14.05	4.41	-4.21	0.00	0.00
			78	0.00	-14.05	1.13	-4.21	0.00	0.00
			156	0.00	-14.05	-2.15	-4.21	0.00	0.00
140	PRIMO IMPALC ATO	13, 14	0	0.00	1.64	14.47	-6.88	0.00	0.00
			215	0.00	1.64	-0.32	-6.88	0.00	0.00
			430	0.00	1.64	-15.12	-6.88	0.00	0.00
141	PRIMO IMPALC ATO	25, 13	0	0.00	-9.58	-17.39	48.70	0.00	0.00
			78	0.00	-9.58	20.53	48.70	0.00	0.00
			156	0.00	-9.58	58.45	48.70	0.00	0.00
142	PRIMO IMPALC ATO	33, 13	0	0.00	-11.30	11.65	-22.88	0.00	0.00
			78	0.00	-11.30	-6.17	-22.88	0.00	0.00
			156	0.00	-11.30	-23.99	-22.88	0.00	0.00
143	PRIMO IMPALC ATO	14, 15	0	0.00	1.36	12.05	-4.55	0.00	0.00
			270	0.00	1.36	-0.24	-4.55	0.00	0.00
			540	0.00	1.36	-12.52	-4.55	0.00	0.00
144	PRIMO IMPALC ATO	26, 14	0	0.00	-9.74	-14.70	33.04	0.00	0.00
			78	0.00	-9.74	11.03	33.04	0.00	0.00
			156	0.00	-9.74	36.75	33.04	0.00	0.00
145	PRIMO IMPALC ATO	15, 16	0	0.00	2.99	13.37	-5.05	0.00	0.00
			265	0.00	2.99	0.00	-5.05	0.00	0.00
			530	0.00	2.99	-13.37	-5.05	0.00	0.00
146	PRIMO IMPALC ATO	27, 15	0	0.00	-9.81	-9.61	22.28	0.00	0.00
			80	0.00	-9.81	8.29	22.28	0.00	0.00
			161	0.00	-9.81	26.19	22.28	0.00	0.00
147	PRIMO IMPALC ATO	16, 17	0	0.00	1.36	12.52	-4.55	0.00	0.00
			270	0.00	1.36	0.24	-4.55	0.00	0.00
			540	0.00	1.36	-12.05	-4.55	0.00	0.00
148	PRIMO IMPALC ATO	28, 16	0	0.00	-9.81	9.61	-22.28	0.00	0.00
			80	0.00	-9.81	-8.30	-22.28	0.00	0.00
			161	0.00	-9.81	-26.20	-22.28	0.00	0.00
149	PRIMO IMPALC ATO	17, 18	0	0.00	1.64	15.12	-6.88	0.00	0.00
			215	0.00	1.64	0.32	-6.88	0.00	0.00
			430	0.00	1.64	-14.47	-6.88	0.00	0.00
150	PRIMO IMPALC ATO	29, 17	0	0.00	-9.74	14.70	-33.04	0.00	0.00
			78	0.00	-9.74	-11.03	-33.04	0.00	0.00
			156	0.00	-9.74	-36.75	-33.04	0.00	0.00
151	PRIMO IMPALC ATO	30, 18	0	0.00	-9.58	17.39	-48.70	0.00	0.00
			78	0.00	-9.58	-20.53	-48.70	0.00	0.00
			156	0.00	-9.58	-58.45	-48.70	0.00	0.00
152	PRIMO IMPALC ATO	18, 38	0	0.00	-11.30	23.99	-22.88	0.00	0.00
			78	0.00	-11.30	6.17	-22.88	0.00	0.00
			156	0.00	-11.30	-11.65	-22.88	0.00	0.00
153	PRIMO	19, 20	0	0.00	-0.87	-5.94	5.56	0.00	0.00

	IMPALC ATO								
			72	0.00	-0.87	-1.95	5.56	0.00	0.00
			143	0.00	-0.87	2.03	5.56	0.00	0.00
154	PRIMO IMPALC ATO	19, 20	0	0.00	-0.19	1.96	-2.71	0.00	0.00
			72	0.00	-0.19	0.01	-2.71	0.00	0.00
			143	0.00	-0.19	-1.93	-2.71	0.00	0.00
155	PRIMO IMPALC ATO	19, 20	0	0.00	0.52	-2.01	5.72	0.00	0.00
			72	0.00	0.52	2.10	5.72	0.00	0.00
			143	0.00	0.52	6.20	5.72	0.00	0.00
156	PRIMO IMPALC ATO	34, 19	0	0.00	0.38	-3.05	6.72	0.00	0.00
			70	0.00	0.38	1.66	6.72	0.00	0.00
			140	0.00	0.38	6.36	6.72	0.00	0.00
157	PRIMO IMPALC ATO	20, 21	0	0.00	-0.41	-6.23	5.57	0.00	0.00
			71	0.00	-0.41	-2.26	5.57	0.00	0.00
			143	0.00	-0.41	1.71	5.57	0.00	0.00
158	PRIMO IMPALC ATO	20, 21	0	0.00	-0.05	1.62	-1.39	0.00	0.00
			71	0.00	-0.05	0.63	-1.39	0.00	0.00
			143	0.00	-0.05	-0.36	-1.39	0.00	0.00
159	PRIMO IMPALC ATO	20, 21	0	0.00	0.31	-0.36	0.18	0.00	0.00
			71	0.00	0.31	-0.24	0.18	0.00	0.00
			143	0.00	0.31	-0.11	0.18	0.00	0.00
160	PRIMO IMPALC ATO	20, 21	0	0.00	0.39	-0.15	0.76	0.00	0.00
			71	0.00	0.39	0.39	0.76	0.00	0.00
			143	0.00	0.39	0.93	0.76	0.00	0.00
161	PRIMO IMPALC ATO	21, 22	0	0.00	0.05	-1.16	1.17	0.00	0.00
			63	0.00	0.05	-0.43	1.17	0.00	0.00
			125	0.00	0.05	0.31	1.17	0.00	0.00
162	PRIMO IMPALC ATO	21, 22	0	0.00	0.15	0.28	-0.21	0.00	0.00
			63	0.00	0.15	0.14	-0.21	0.00	0.00
			125	0.00	0.15	0.01	-0.21	0.00	0.00
163	PRIMO IMPALC ATO	21, 22	0	0.00	0.15	-0.01	-0.21	0.00	0.00
			63	0.00	0.15	-0.14	-0.21	0.00	0.00
			125	0.00	0.15	-0.28	-0.21	0.00	0.00
164	PRIMO IMPALC ATO	21, 22	0	0.00	0.05	-0.31	1.17	0.00	0.00
			63	0.00	0.05	0.42	1.17	0.00	0.00
			125	0.00	0.05	1.16	1.17	0.00	0.00
165	PRIMO IMPALC ATO	22, 23	0	0.00	0.39	-0.93	0.76	0.00	0.00
			71	0.00	0.39	-0.39	0.76	0.00	0.00
			143	0.00	0.39	0.15	0.76	0.00	0.00
166	PRIMO IMPALC ATO	22, 23	0	0.00	0.31	0.11	0.18	0.00	0.00
			71	0.00	0.31	0.24	0.18	0.00	0.00
			143	0.00	0.31	0.36	0.18	0.00	0.00
167	PRIMO IMPALC ATO	22, 23	0	0.00	-0.05	0.36	-1.39	0.00	0.00
			71	0.00	-0.05	-0.63	-1.39	0.00	0.00
			143	0.00	-0.05	-1.62	-1.39	0.00	0.00

168	PRIMO IMPALC ATO	22, 23	0	0.00	-0.41	-1.71	5.57	0.00	0.00
			71	0.00	-0.41	2.26	5.57	0.00	0.00
			143	0.00	-0.41	6.23	5.57	0.00	0.00
169	PRIMO IMPALC ATO	23, 24	0	0.00	0.52	-6.20	5.72	0.00	0.00
			72	0.00	0.52	-2.10	5.72	0.00	0.00
			143	0.00	0.52	2.01	5.72	0.00	0.00
170	PRIMO IMPALC ATO	23, 24	0	0.00	-0.19	1.93	-2.71	0.00	0.00
			72	0.00	-0.19	-0.01	-2.71	0.00	0.00
			143	0.00	-0.19	-1.96	-2.71	0.00	0.00
171	PRIMO IMPALC ATO	23, 24	0	0.00	-0.87	-2.03	5.56	0.00	0.00
			72	0.00	-0.87	1.95	5.56	0.00	0.00
			143	0.00	-0.87	5.94	5.56	0.00	0.00
172	PRIMO IMPALC ATO	24, 39	0	0.00	0.38	-6.36	6.72	0.00	0.00
			70	0.00	0.38	-1.66	6.72	0.00	0.00
			140	0.00	0.38	3.05	6.72	0.00	0.00
173	PRIMO IMPALC ATO	25, 26	0	0.00	-0.88	5.34	-5.00	0.00	0.00
			72	0.00	-0.88	1.76	-5.00	0.00	0.00
			143	0.00	-0.88	-1.83	-5.00	0.00	0.00
174	PRIMO IMPALC ATO	25, 26	0	0.00	-0.22	-1.76	2.41	0.00	0.00
			72	0.00	-0.22	-0.03	2.41	0.00	0.00
			143	0.00	-0.22	1.70	2.41	0.00	0.00
175	PRIMO IMPALC ATO	25, 26	0	0.00	0.49	1.77	-5.04	0.00	0.00
			72	0.00	0.49	-1.84	-5.04	0.00	0.00
			143	0.00	0.49	-5.45	-5.04	0.00	0.00
176	PRIMO IMPALC ATO	35, 25	0	0.00	0.42	2.73	-6.02	0.00	0.00
			70	0.00	0.42	-1.48	-6.02	0.00	0.00
			140	0.00	0.42	-5.69	-6.02	0.00	0.00
177	PRIMO IMPALC ATO	26, 27	0	0.00	-0.37	5.46	-4.86	0.00	0.00
			71	0.00	-0.37	2.00	-4.86	0.00	0.00
			143	0.00	-0.37	-1.46	-4.86	0.00	0.00
178	PRIMO IMPALC ATO	26, 27	0	0.00	-0.04	-1.37	1.04	0.00	0.00
			71	0.00	-0.04	-0.63	1.04	0.00	0.00
			143	0.00	-0.04	0.11	1.04	0.00	0.00
179	PRIMO IMPALC ATO	26, 27	0	0.00	0.39	0.10	0.56	0.00	0.00
			71	0.00	0.39	0.50	0.56	0.00	0.00
			143	0.00	0.39	0.91	0.56	0.00	0.00
180	PRIMO IMPALC ATO	26, 27	0	0.00	0.59	0.98	-3.50	0.00	0.00
			71	0.00	0.59	-1.51	-3.50	0.00	0.00
			143	0.00	0.59	-4.00	-3.50	0.00	0.00
181	PRIMO IMPALC ATO	27, 28	0	0.00	-0.17	4.73	-4.76	0.00	0.00
			63	0.00	-0.17	1.76	-4.76	0.00	0.00
			125	0.00	-0.17	-1.22	-4.76	0.00	0.00
182	PRIMO IMPALC ATO	27, 28	0	0.00	0.04	-1.15	0.92	0.00	0.00
			63	0.00	0.04	-0.58	0.92	0.00	0.00

			125	0.00	0.04	0.00	0.92	0.00	0.00
183	PRIMO IMPALC ATO	27, 28	0	0.00	0.04	0.00	0.92	0.00	0.00
			63	0.00	0.04	0.58	0.92	0.00	0.00
			125	0.00	0.04	1.15	0.92	0.00	0.00
184	PRIMO IMPALC ATO	27, 28	0	0.00	-0.17	1.22	-4.76	0.00	0.00
			63	0.00	-0.17	-1.76	-4.76	0.00	0.00
			125	0.00	-0.17	-4.73	-4.76	0.00	0.00
185	PRIMO IMPALC ATO	28, 29	0	0.00	0.59	4.00	-3.50	0.00	0.00
			71	0.00	0.59	1.51	-3.50	0.00	0.00
			143	0.00	0.59	-0.98	-3.50	0.00	0.00
186	PRIMO IMPALC ATO	28, 29	0	0.00	0.39	-0.91	0.56	0.00	0.00
			71	0.00	0.39	-0.50	0.56	0.00	0.00
			143	0.00	0.39	-0.10	0.56	0.00	0.00
187	PRIMO IMPALC ATO	28, 29	0	0.00	-0.04	-0.11	1.04	0.00	0.00
			71	0.00	-0.04	0.63	1.04	0.00	0.00
			143	0.00	-0.04	1.37	1.04	0.00	0.00
188	PRIMO IMPALC ATO	28, 29	0	0.00	-0.37	1.46	-4.86	0.00	0.00
			71	0.00	-0.37	-2.00	-4.86	0.00	0.00
			143	0.00	-0.37	-5.46	-4.86	0.00	0.00
189	PRIMO IMPALC ATO	29, 30	0	0.00	0.49	5.45	-5.04	0.00	0.00
			72	0.00	0.49	1.84	-5.04	0.00	0.00
			143	0.00	0.49	-1.77	-5.04	0.00	0.00
190	PRIMO IMPALC ATO	29, 30	0	0.00	-0.22	-1.70	2.41	0.00	0.00
			72	0.00	-0.22	0.03	2.41	0.00	0.00
			143	0.00	-0.22	1.76	2.41	0.00	0.00
191	PRIMO IMPALC ATO	29, 30	0	0.00	-0.88	1.83	-5.00	0.00	0.00
			72	0.00	-0.88	-1.76	-5.00	0.00	0.00
			143	0.00	-0.88	-5.34	-5.00	0.00	0.00
192	PRIMO IMPALC ATO	30, 40	0	0.00	0.42	5.69	-6.02	0.00	0.00
			70	0.00	0.42	1.48	-6.02	0.00	0.00
			140	0.00	0.42	-2.73	-6.02	0.00	0.00
193	PRIMO IMPALC ATO	32, 31	0	0.00	0.06	-6.76	6.52	0.00	0.00
			65	0.00	0.06	-2.53	6.52	0.00	0.00
			130	0.00	0.06	1.71	6.52	0.00	0.00
194	PRIMO IMPALC ATO	32, 31	0	0.00	0.09	1.68	-1.35	0.00	0.00
			65	0.00	0.09	0.81	-1.35	0.00	0.00
			130	0.00	0.09	-0.07	-1.35	0.00	0.00
195	PRIMO IMPALC ATO	32, 31	0	0.00	-0.18	0.01	-1.16	0.00	0.00
			65	0.00	-0.18	-0.74	-1.16	0.00	0.00
			130	0.00	-0.18	-1.49	-1.16	0.00	0.00
196	PRIMO IMPALC ATO	32, 31	0	0.00	-0.65	-1.51	5.85	0.00	0.00
			65	0.00	-0.65	2.29	5.85	0.00	0.00
			130	0.00	-0.65	6.10	5.85	0.00	0.00
197	PRIMO IMPALC ATO	31, 34	0	0.00	0.34	-6.42	6.94	0.00	0.00

			70	0.00	0.34	-1.57	6.94	0.00	0.00
			140	0.00	0.34	3.29	6.94	0.00	0.00
198	PRIMO IMPALC ATO	33, 32	0	0.00	-0.58	-5.87	5.63	0.00	0.00
			65	0.00	-0.58	-2.21	5.63	0.00	0.00
			130	0.00	-0.58	1.44	5.63	0.00	0.00
199	PRIMO IMPALC ATO	33, 32	0	0.00	-0.14	1.43	-1.10	0.00	0.00
			65	0.00	-0.14	0.72	-1.10	0.00	0.00
			130	0.00	-0.14	0.00	-1.10	0.00	0.00
200	PRIMO IMPALC ATO	33, 32	0	0.00	0.21	0.08	-1.35	0.00	0.00
			65	0.00	0.21	-0.80	-1.35	0.00	0.00
			130	0.00	0.21	-1.67	-1.35	0.00	0.00
201	PRIMO IMPALC ATO	33, 32	0	0.00	0.32	-1.70	6.48	0.00	0.00
			65	0.00	0.32	2.52	6.48	0.00	0.00
			130	0.00	0.32	6.73	6.48	0.00	0.00
202	PRIMO IMPALC ATO	35, 33	0	0.00	0.27	-3.21	6.74	0.00	0.00
			70	0.00	0.27	1.51	6.74	0.00	0.00
			140	0.00	0.27	6.23	6.74	0.00	0.00
203	PRIMO IMPALC ATO	37, 36	0	0.00	0.06	6.76	-6.52	0.00	0.00
			65	0.00	0.06	2.53	-6.52	0.00	0.00
			130	0.00	0.06	-1.71	-6.52	0.00	0.00
204	PRIMO IMPALC ATO	37, 36	0	0.00	0.09	-1.68	1.35	0.00	0.00
			65	0.00	0.09	-0.81	1.35	0.00	0.00
			130	0.00	0.09	0.07	1.35	0.00	0.00
205	PRIMO IMPALC ATO	37, 36	0	0.00	-0.18	-0.01	1.16	0.00	0.00
			65	0.00	-0.18	0.74	1.16	0.00	0.00
			130	0.00	-0.18	1.49	1.16	0.00	0.00
206	PRIMO IMPALC ATO	37, 36	0	0.00	-0.65	1.51	-5.85	0.00	0.00
			65	0.00	-0.65	-2.29	-5.85	0.00	0.00
			130	0.00	-0.65	-6.10	-5.85	0.00	0.00
207	PRIMO IMPALC ATO	36, 39	0	0.00	0.34	6.42	-6.94	0.00	0.00
			70	0.00	0.34	1.57	-6.94	0.00	0.00
			140	0.00	0.34	-3.29	-6.94	0.00	0.00
208	PRIMO IMPALC ATO	38, 37	0	0.00	-0.58	5.87	-5.63	0.00	0.00
			65	0.00	-0.58	2.21	-5.63	0.00	0.00
			130	0.00	-0.58	-1.44	-5.63	0.00	0.00
209	PRIMO IMPALC ATO	38, 37	0	0.00	-0.14	-1.43	1.10	0.00	0.00
			65	0.00	-0.14	-0.72	1.10	0.00	0.00
			130	0.00	-0.14	0.00	1.10	0.00	0.00
210	PRIMO IMPALC ATO	38, 37	0	0.00	0.21	-0.08	1.35	0.00	0.00
			65	0.00	0.21	0.80	1.35	0.00	0.00
			130	0.00	0.21	1.67	1.35	0.00	0.00
211	PRIMO IMPALC ATO	38, 37	0	0.00	0.32	1.70	-6.48	0.00	0.00
			65	0.00	0.32	-2.52	-6.48	0.00	0.00
			130	0.00	0.32	-6.73	-6.48	0.00	0.00
212	PRIMO IMPALC	40, 38	0	0.00	0.27	3.21	-6.74	0.00	0.00

	ATO								
			70	0.00	0.27	-1.51	-6.74	0.00	0.00
			140	0.00	0.27	-6.23	-6.74	0.00	0.00
213	PRIMO IMPALC ATO	1	0	2.69	-1.15	-31.31	6.67	-11.69	-3.52
			150	2.69	-1.15	-21.30	6.67	-6.41	-3.52
			300	2.69	-1.15	-11.28	6.67	-1.12	-3.52
214	PRIMO IMPALC ATO	2	0	-3.19	-1.09	-12.63	3.02	-27.31	-9.66
			150	-3.19	-1.09	-8.10	3.02	-12.82	-9.66
			300	-3.19	-1.09	-3.57	3.02	1.66	-9.66
215	PRIMO IMPALC ATO	3	0	9.11	-1.73	8.57	-7.06	8.37	6.75
			150	9.11	-1.73	-2.02	-7.06	-1.76	6.75
			300	9.11	-1.73	-12.61	-7.06	-11.89	6.75
216	PRIMO IMPALC ATO	4	0	-9.11	-1.73	-8.57	7.06	8.37	6.76
			150	-9.11	-1.73	2.02	7.06	-1.76	6.76
			300	-9.11	-1.73	12.61	7.06	-11.90	6.76
217	PRIMO IMPALC ATO	5	0	3.19	-1.09	12.63	-3.02	-27.31	-9.66
			150	3.19	-1.09	8.10	-3.02	-12.82	-9.66
			300	3.19	-1.09	3.57	-3.02	1.66	-9.66
218	PRIMO IMPALC ATO	6	0	-2.69	-1.15	31.31	-6.67	-11.69	-3.52
			150	-2.69	-1.15	21.30	-6.67	-6.41	-3.52
			300	-2.69	-1.15	11.28	-6.67	-1.12	-3.52
219	PRIMO IMPALC ATO	7	0	0.90	-1.22	-52.30	16.54	-3.18	-1.64
			150	0.90	-1.22	-27.48	16.54	-0.73	-1.64
			300	0.90	-1.22	-2.67	16.54	1.73	-1.64
220	PRIMO IMPALC ATO	8	0	1.21	-0.73	13.21	-9.11	0.11	0.04
			150	1.21	-0.73	-0.46	-9.11	0.05	0.04
			300	1.21	-0.73	-14.13	-9.11	-0.01	0.04
221	PRIMO IMPALC ATO	9	0	-27.32	-1.75	-22.97	7.52	-0.98	-0.62
			150	-27.32	-1.75	-11.68	7.52	-0.06	-0.62
			300	-27.32	-1.75	-0.39	7.52	0.87	-0.62
222	PRIMO IMPALC ATO	10	0	27.31	-1.75	22.96	-7.52	-0.98	-0.62
			150	27.31	-1.75	11.68	-7.52	-0.06	-0.62
			300	27.31	-1.75	0.39	-7.52	0.87	-0.62
223	PRIMO IMPALC ATO	11	0	-1.21	-0.73	-13.21	9.11	0.11	0.04
			150	-1.21	-0.73	0.46	9.11	0.05	0.04
			300	-1.21	-0.73	14.13	9.11	-0.01	0.04
224	PRIMO IMPALC ATO	12	0	-0.90	-1.22	52.30	-16.54	-3.18	-1.64
			150	-0.90	-1.22	27.48	-16.54	-0.73	-1.64
			300	-0.90	-1.22	2.67	-16.54	1.73	-1.64
225	PRIMO IMPALC ATO	13	0	-9.36	-1.18	-30.46	6.39	7.64	1.34
			150	-9.36	-1.18	-20.88	6.39	5.62	1.34
			300	-9.36	-1.18	-11.30	6.39	3.61	1.34
226	PRIMO IMPALC ATO	14	0	16.05	-1.09	-12.82	2.97	19.87	5.91
			150	16.05	-1.09	-8.37	2.97	11.00	5.91
			300	16.05	-1.09	-3.91	2.97	2.13	5.91
227	PRIMO	15	0	5.27	-1.36	-10.14	3.81	25.15	8.70

	IMPALC ATO								
			150	5.27	-1.36	-4.42	3.81	12.10	8.70
			300	5.27	-1.36	1.30	3.81	-0.96	8.70
228	PRIMO IMPALC ATO	16	0	-5.27	-1.36	10.14	-3.81	25.15	8.70
			150	-5.27	-1.36	4.42	-3.81	12.10	8.70
			300	-5.27	-1.36	-1.30	-3.81	-0.96	8.70
229	PRIMO IMPALC ATO	17	0	-16.05	-1.09	12.82	-2.97	19.87	5.91
			150	-16.05	-1.09	8.37	-2.97	11.00	5.91
			300	-16.05	-1.09	3.91	-2.97	2.13	5.91
230	PRIMO IMPALC ATO	18	0	9.36	-1.18	30.46	-6.39	7.64	1.34
			150	9.36	-1.18	20.88	-6.39	5.62	1.34
			300	9.36	-1.18	11.30	-6.39	3.61	1.34
231	SECOND O IMPALC ATO	1, 2	0	0.00	-5.13	-54.35	24.47	0.00	0.00
			215	0.00	-5.13	-1.74	24.47	0.00	0.00
			430	0.00	-5.13	50.87	24.47	0.00	0.00
232	SECOND O IMPALC ATO	7, 1	0	0.00	8.16	-83.80	39.00	0.00	0.00
			260	0.00	8.16	17.59	39.00	0.00	0.00
			520	0.00	8.16	118.98	39.00	0.00	0.00
233	SECOND O IMPALC ATO	2, 3	0	0.00	24.99	-15.96	3.09	0.00	0.00
			278	0.00	24.99	-7.39	3.09	0.00	0.00
			555	0.00	24.99	1.18	3.09	0.00	0.00
234	SECOND O IMPALC ATO	3, 4	0	0.00	16.79	-17.80	7.12	0.00	0.00
			250	0.00	16.79	0.00	7.12	0.00	0.00
			500	0.00	16.79	17.80	7.12	0.00	0.00
235	SECOND O IMPALC ATO	41, 3	0	0.00	-20.23	-1.09	4.03	0.00	0.00
			95	0.00	-20.23	2.75	4.03	0.00	0.00
			191	0.00	-20.23	6.59	4.03	0.00	0.00
236	SECOND O IMPALC ATO	4, 5	0	0.00	24.99	-1.17	3.09	0.00	0.00
			278	0.00	24.99	7.39	3.09	0.00	0.00
			555	0.00	24.99	15.96	3.09	0.00	0.00
237	SECOND O IMPALC ATO	42, 4	0	0.00	-20.23	1.09	-4.03	0.00	0.00
			95	0.00	-20.23	-2.75	-4.03	0.00	0.00
			191	0.00	-20.23	-6.59	-4.03	0.00	0.00
238	SECOND O IMPALC ATO	5, 6	0	0.00	-5.13	-50.87	24.47	0.00	0.00
			215	0.00	-5.13	1.74	24.47	0.00	0.00
			430	0.00	-5.13	54.35	24.47	0.00	0.00
239	SECOND O IMPALC ATO	12, 6	0	0.00	8.16	83.80	-39.00	0.00	0.00
			260	0.00	8.16	-17.59	-39.00	0.00	0.00
			520	0.00	8.16	-118.99	-39.00	0.00	0.00
240	SECOND	13, 7	0	0.00	9.39	-122.33	42.59	0.00	0.00

	O IMPALC ATO								
			245	0.00	9.39	-17.98	42.59	0.00	0.00
			490	0.00	9.39	86.36	42.59	0.00	0.00
241	SECOND O IMPALC ATO	9, 10	0	0.00	7.21	-2.92	1.10	0.00	0.00
			265	0.00	7.21	0.00	1.10	0.00	0.00
			530	0.00	7.21	2.92	1.10	0.00	0.00
242	SECOND O IMPALC ATO	15, 9	0	0.00	8.18	-40.90	14.95	0.00	0.00
			240	0.00	8.18	-5.03	14.95	0.00	0.00
			480	0.00	8.18	30.84	14.95	0.00	0.00
243	SECOND O IMPALC ATO	9, 41	0	0.00	8.01	-37.49	23.28	0.00	0.00
			175	0.00	8.01	3.25	23.28	0.00	0.00
			350	0.00	8.01	44.00	23.28	0.00	0.00
244	SECOND O IMPALC ATO	16, 10	0	0.00	8.18	40.90	-14.95	0.00	0.00
			240	0.00	8.18	5.03	-14.95	0.00	0.00
			480	0.00	8.18	-30.84	-14.95	0.00	0.00
245	SECOND O IMPALC ATO	10, 42	0	0.00	8.01	37.49	-23.28	0.00	0.00
			175	0.00	8.01	-3.25	-23.28	0.00	0.00
			350	0.00	8.01	-43.99	-23.28	0.00	0.00
246	SECOND O IMPALC ATO	18, 12	0	0.00	9.39	122.33	-42.59	0.00	0.00
			245	0.00	9.39	17.98	-42.59	0.00	0.00
			490	0.00	9.39	-86.36	-42.59	0.00	0.00
247	SECOND O IMPALC ATO	13, 14	0	0.00	-5.99	42.56	-18.29	0.00	0.00
			215	0.00	-5.99	3.25	-18.29	0.00	0.00
			430	0.00	-5.99	-36.07	-18.29	0.00	0.00
248	SECOND O IMPALC ATO	14, 15	0	0.00	24.75	23.76	-9.54	0.00	0.00
			270	0.00	24.75	-2.01	-9.54	0.00	0.00
			540	0.00	24.75	-27.78	-9.54	0.00	0.00
249	SECOND O IMPALC ATO	15, 16	0	0.00	18.08	33.02	-12.46	0.00	0.00
			265	0.00	18.08	0.00	-12.46	0.00	0.00
			530	0.00	18.08	-33.02	-12.46	0.00	0.00
250	SECOND O IMPALC ATO	16, 17	0	0.00	24.76	27.78	-9.54	0.00	0.00
			270	0.00	24.76	2.01	-9.54	0.00	0.00
			540	0.00	24.76	-23.76	-9.54	0.00	0.00
251	SECOND O IMPALC ATO	17, 18	0	0.00	-5.99	36.07	-18.29	0.00	0.00
			215	0.00	-5.99	-3.25	-18.29	0.00	0.00
			430	0.00	-5.99	-42.56	-18.29	0.00	0.00
252	SECOND O IMPALC	41, 42	0	0.00	12.34	-26.41	9.97	0.00	0.00

	ATO								
			265	0.00	12.34	0.00	9.97	0.00	0.00
			530	0.00	12.34	26.41	9.97	0.00	0.00
253	SECOND O IMPALC ATO	1	0	14.53	-6.58	113.86	-84.62	62.51	43.06
			150	14.53	-6.58	-13.08	-84.62	-2.07	43.06
			300	14.53	-6.58	-140.01	-84.62	-66.65	43.06
254	SECOND O IMPALC ATO	2	0	21.38	-6.58	30.54	-33.19	66.15	44.20
			150	21.38	-6.58	-19.24	-33.19	-0.15	44.20
			300	21.38	-6.58	-69.03	-33.19	-66.45	44.20
255	SECOND O IMPALC ATO	5	0	-21.38	-6.58	-30.54	33.19	66.15	44.20
			150	-21.38	-6.58	19.25	33.19	-0.15	44.20
			300	-21.38	-6.58	69.03	33.19	-66.45	44.20
256	SECOND O IMPALC ATO	6	0	-14.53	-6.58	-113.86	84.62	62.51	43.06
			150	-14.53	-6.58	13.08	84.62	-2.07	43.06
			300	-14.53	-6.58	140.01	84.62	-66.65	43.06
257	SECOND O IMPALC ATO	7	0	3.59	-6.58	170.16	-110.43	1.23	1.04
			150	3.59	-6.58	4.52	-110.43	-0.32	1.04
			300	3.59	-6.58	-161.12	-110.43	-1.88	1.04
258	SECOND O IMPALC ATO	9	0	-9.44	-11.03	75.54	-50.60	3.09	2.55
			150	-9.44	-11.03	-0.36	-50.60	-0.74	2.55
			300	-9.44	-11.03	-76.26	-50.60	-4.57	2.55
259	SECOND O IMPALC ATO	10	0	9.44	-11.03	-75.54	50.60	3.09	2.55
			150	9.44	-11.03	0.36	50.60	-0.74	2.55
			300	9.44	-11.03	76.26	50.60	-4.57	2.55
260	SECOND O IMPALC ATO	12	0	-3.59	-6.58	-170.16	110.43	1.23	1.04
			150	-3.59	-6.58	-4.52	110.43	-0.32	1.04
			300	-3.59	-6.58	161.12	110.43	-1.88	1.04
261	SECOND O IMPALC ATO	13	0	-24.30	-6.58	116.34	-85.98	-51.96	-35.68
			150	-24.30	-6.58	-12.63	-85.98	1.57	-35.68
			300	-24.30	-6.58	-141.61	-85.98	55.09	-35.68
262	SECOND O IMPALC ATO	14	0	-8.74	-6.58	30.53	-33.09	-60.06	-39.13
			150	-8.74	-6.58	-19.11	-33.09	-1.36	-39.13
			300	-8.74	-6.58	-68.75	-33.09	57.34	-39.13
263	SECOND O IMPALC ATO	15	0	-12.03	-11.03	33.97	-28.09	-68.75	-45.61
			150	-12.03	-11.03	-8.17	-28.09	-0.34	-45.61
			300	-12.03	-11.03	-50.31	-28.09	68.08	-45.61
264	SECOND O IMPALC ATO	16	0	12.03	-11.03	-33.97	28.10	-68.75	-45.61
			150	12.03	-11.03	8.17	28.10	-0.34	-45.61

			300	12.03	-11.03	50.32	28.10	68.08	-45.61
265	SECOND O IMPALC ATO	17	0	8.74	-6.58	-30.53	33.09	-60.06	-39.13
			150	8.74	-6.58	19.11	33.09	-1.36	-39.13
			300	8.74	-6.58	68.75	33.09	57.34	-39.13
266	SECOND O IMPALC ATO	18	0	24.30	-6.58	-116.34	85.98	-51.96	-35.68
			150	24.30	-6.58	12.63	85.98	1.57	-35.68
			300	24.30	-6.58	141.61	85.98	55.09	-35.68
267	SECOND O IMPALC ATO	41	0	9.28	-11.03	55.83	-39.89	54.68	36.65
			150	9.28	-11.03	-4.00	-39.89	-0.30	36.65
			300	9.28	-11.03	-63.82	-39.89	-55.28	36.65
268	SECOND O IMPALC ATO	42	0	-9.28	-11.03	-55.83	39.88	54.67	36.65
			150	-9.28	-11.03	3.99	39.88	-0.30	36.65
			300	-9.28	-11.03	63.81	39.88	-55.27	36.65

2.1.4.3 Pareti SLV

Tabella 15.I

Parete	Impalcato	Fili	N1-1 [daN/cm]	N2-2 [daN/cm]	N1-2 [daN/cm]	M1-1 [daNcm/cm]	M2-2 [daNcm/cm]	M1-2 [daNcm/cm]	T1-3 [daN/cm]	T2-3 [daN/cm]
1	PRIMO IMPALCA TO	19-20	0.048	0.323	-0.394	1.504	-4.792	2.472	-0.055	0.141
2	PRIMO IMPALCA TO	34-19	-0.052	0.323	-0.279	-2.013	-4.792	2.045	-0.209	0.118
3	PRIMO IMPALCA TO	20-21	0.036	0.240	-0.313	1.160	-4.321	-1.251	-0.069	0.141
4	PRIMO IMPALCA TO	21-22	-0.016	0.047	-0.187	-0.393	-1.444	-1.053	-0.023	0.053
5	PRIMO IMPALCA TO	22-23	-0.036	-0.240	-0.313	-1.160	4.321	-1.251	-0.069	-0.141
6	PRIMO IMPALCA TO	23-24	-0.048	-0.323	-0.394	-1.504	4.792	2.472	-0.055	-0.141
7	PRIMO IMPALCA TO	24-39	0.052	-0.323	-0.279	2.013	4.792	2.045	-0.209	-0.118
8	PRIMO IMPALCA TO	25-26	-0.050	-0.334	0.401	1.500	-5.009	2.461	-0.060	0.133
9	PRIMO IMPALCA TO	35-25	-0.050	-0.334	0.268	-1.893	-5.009	2.076	-0.212	0.133
10	PRIMO IMPALCA TO	26-27	-0.035	-0.233	0.304	1.157	-4.026	-1.668	-0.064	0.131
11	PRIMO IMPALCA TO	27-28	0.022	0.144	0.244	0.925	3.208	-1.239	-0.049	-0.109
12	PRIMO IMPALCA TO	28-29	0.035	0.233	0.304	-1.157	4.026	-1.668	-0.064	-0.131
13	PRIMO IMPALCA TO	29-30	0.050	0.334	0.401	-1.500	5.009	2.461	-0.060	-0.133
14	PRIMO	30-40	0.050	0.334	0.268	1.893	5.009	2.076	-0.212	-0.133

	IMPALCA TO									
15	PRIMO IMPALCA TO	32-31	0.229	0.183	-0.550	-1.726	4.250	1.798	-0.059	-0.108
16	PRIMO IMPALCA TO	31-34	0.254	0.187	-0.362	-1.758	4.250	1.739	-0.036	-0.108
17	PRIMO IMPALCA TO	33-32	-0.235	-0.193	-0.530	1.706	-3.726	1.675	-0.048	0.086
18	PRIMO IMPALCA TO	35-33	-0.258	-0.196	-0.360	1.744	-3.726	1.647	-0.032	0.086
19	PRIMO IMPALCA TO	37-36	-0.229	-0.183	0.550	-1.726	4.250	1.798	-0.059	-0.108
20	PRIMO IMPALCA TO	36-39	-0.254	-0.187	0.362	-1.758	4.250	1.739	-0.036	-0.108
21	PRIMO IMPALCA TO	38-37	0.235	0.193	0.530	1.706	-3.726	1.675	-0.048	0.086
22	PRIMO IMPALCA TO	40-38	0.258	0.196	0.360	1.744	-3.726	1.647	-0.032	0.086

2.1.4.4 Piastre SLV

Tabella 16.I

Piastra	Impalcato	Fili	N1-1 [daN/cm]	N2-2 [daN/cm]	N1-2 [daN/cm]	M1-1 [daNcm/cm]	M2-2 [daNcm/cm]	M1-2 [daNcm/cm]	T1-3 [daN/cm]	T2-3 [daN/cm]
1	PRIMO IMPALCA TO	9, 41, 3, 4, 42, 10	0.000	0.000	0.000	-25.560	23.206	8.850	-0.571	0.732

2.1.5 Risultati Condizioni (Torsione Accidentale Y).

2.1.5.1 Cinematismi nodali SLV

Tabella 17.I

Cinematismi nodali						
Nodo	Vx [cm]	Vy [cm]	Vz [cm]	Rx [rad]	Ry [rad]	Rz [rad]
1	0.0004	0.0014	0.0010	-0.000009	-0.000003	0.000002
2	0.0004	0.0002	0.0000	-0.000004	-0.000001	0.000001
3	0.0004	0.0000	0.0008	-0.000008	0.000003	0.000000
4	0.0004	0.0000	-0.0008	0.000008	0.000003	0.000000
5	0.0004	-0.0002	0.0000	0.000004	-0.000001	0.000001
6	0.0004	-0.0014	-0.0010	0.000009	-0.000003	0.000002
7	0.0000	0.0014	0.0001	0.000000	0.000000	0.000002
8	0.0000	0.0002	0.0000	-0.000002	-0.000001	0.000001
9	0.0000	0.0001	-0.0013	0.000000	0.000001	0.000001
10	0.0000	-0.0001	0.0013	0.000000	0.000001	0.000001
11	0.0000	-0.0002	0.0000	0.000002	-0.000001	0.000001
12	0.0000	-0.0014	-0.0001	0.000000	0.000000	0.000002
13	-0.0007	0.0014	-0.0018	-0.000011	0.000006	0.000003
14	-0.0007	0.0002	0.0009	0.000000	0.000001	0.000001
15	-0.0007	0.0001	0.0004	0.000003	-0.000001	0.000001
16	-0.0007	-0.0001	-0.0004	-0.000003	-0.000001	0.000001
17	-0.0007	-0.0002	-0.0009	0.000000	0.000001	0.000001
18	-0.0007	-0.0014	0.0018	0.000011	0.000006	0.000003
19	-0.0225	-0.0266	0.0087	-0.000040	-0.000008	-0.000081
20	-0.0226	-0.0035	0.0055	-0.000064	-0.000007	-0.000025
21	-0.0225	0.0005	0.0016	-0.000026	-0.000007	0.000002
22	-0.0225	-0.0005	-0.0016	0.000026	-0.000007	0.000002
23	-0.0226	0.0035	-0.0055	0.000064	-0.000007	-0.000025
24	-0.0225	0.0266	-0.0087	0.000040	-0.000008	-0.000081

25	0.0224	-0.0267	-0.0088	-0.000040	0.000008	-0.000081
26	0.0224	-0.0036	-0.0057	-0.000064	0.000007	-0.000025
27	0.0224	0.0003	-0.0017	-0.000028	0.000007	0.000001
28	0.0224	-0.0003	0.0017	0.000028	0.000007	0.000001
29	0.0224	0.0036	0.0057	0.000064	0.000007	-0.000025
30	0.0224	0.0267	0.0088	0.000040	0.000008	-0.000081
31	-0.0129	-0.0383	0.0073	-0.000014	0.000003	-0.000057
32	0.0002	-0.0385	0.0000	-0.000014	-0.000001	-0.000007
33	0.0128	-0.0383	-0.0075	-0.000014	-0.000003	-0.000057
34	-0.0225	-0.0382	0.0097	-0.000024	-0.000006	-0.000079
35	0.0224	-0.0382	-0.0099	-0.000024	0.000006	-0.000079
36	-0.0129	0.0383	-0.0073	0.000014	0.000003	-0.000057
37	0.0002	0.0385	0.0000	0.000014	-0.000001	-0.000007
38	0.0128	0.0383	0.0075	0.000014	-0.000003	-0.000057
39	-0.0225	0.0382	-0.0097	0.000024	-0.000006	-0.000079
40	0.0224	0.0382	0.0099	0.000024	0.000006	-0.000079
41	-0.0161	-0.0391	0.0017	-0.000308	0.000157	-0.000032
42	-0.0161	-0.0255	-0.0003	-0.000205	0.000179	-0.000032
43	-0.0158	-0.0084	0.0008	-0.000023	0.000038	-0.000032
44	-0.0158	0.0084	-0.0008	0.000023	0.000038	-0.000032
45	-0.0161	0.0255	0.0003	0.000205	0.000179	-0.000032
46	-0.0161	0.0391	-0.0017	0.000308	0.000157	-0.000032
47	0.0004	-0.0391	0.0008	-0.000386	0.000017	-0.000032
48	0.0004	-0.0255	0.0000	-0.000018	-0.000002	-0.000032
49	0.0005	-0.0084	-0.0014	-0.000084	0.000001	-0.000032
50	0.0005	0.0084	0.0014	0.000084	0.000001	-0.000032
51	0.0004	0.0255	0.0000	0.000018	-0.000002	-0.000032
52	0.0004	0.0391	-0.0008	0.000386	0.000017	-0.000032
53	0.0159	-0.0391	-0.0025	-0.000304	-0.000133	-0.000032
54	0.0159	-0.0255	0.0013	-0.000208	-0.000153	-0.000032
55	0.0157	-0.0084	0.0003	-0.000108	-0.000171	-0.000032
56	0.0157	0.0084	-0.0003	0.000108	-0.000171	-0.000032
57	0.0159	0.0255	-0.0013	0.000208	-0.000153	-0.000032
58	0.0159	0.0391	0.0025	0.000304	-0.000133	-0.000032
59	-0.0210	-0.0396	0.0089	0.000009	0.000059	-0.000032
60	-0.0210	-0.0260	0.0057	-0.000030	0.000065	-0.000032
61	-0.0210	-0.0079	0.0017	-0.000013	0.000005	-0.000032
62	-0.0210	0.0079	-0.0017	0.000013	0.000005	-0.000032
63	-0.0210	0.0260	-0.0057	0.000030	0.000065	-0.000032
64	-0.0210	0.0396	-0.0089	-0.000009	0.000059	-0.000032
65	0.0208	-0.0396	-0.0091	0.000012	-0.000052	-0.000032
66	0.0208	-0.0260	-0.0059	-0.000033	-0.000057	-0.000032
67	0.0208	-0.0079	-0.0018	0.000008	-0.000042	-0.000032
68	0.0208	0.0079	0.0018	-0.000008	-0.000042	-0.000032
69	0.0208	0.0260	0.0059	0.000033	-0.000057	-0.000032
70	0.0208	0.0396	0.0091	-0.000012	-0.000052	-0.000032
71	-0.0166	-0.0440	0.0073	-0.000081	-0.000032	-0.000032
72	-0.0001	-0.0440	0.0000	-0.000088	0.000014	-0.000032
73	0.0164	-0.0440	-0.0075	-0.000079	0.000027	-0.000032
74	-0.0210	-0.0440	0.0097	-0.000018	-0.000008	-0.000032
75	0.0208	-0.0440	-0.0099	-0.000019	0.000007	-0.000032
76	-0.0166	0.0440	-0.0073	0.000081	-0.000032	-0.000032
77	-0.0001	0.0440	0.0000	0.000088	0.000014	-0.000032
78	0.0164	0.0440	0.0075	0.000079	0.000027	-0.000032
79	-0.0210	0.0440	-0.0097	0.000018	-0.000008	-0.000032
80	0.0208	0.0440	0.0099	0.000019	0.000007	-0.000032
81	-0.0106	-0.0084	-0.0056	-0.000096	0.000142	-0.000032
82	-0.0106	0.0084	0.0056	0.000096	0.000143	-0.000032
83	-0.1808	-0.4079	0.0019	-0.000743	0.000225	-0.000330
84	-0.1808	-0.2659	0.0000	-0.000845	0.000184	-0.000330
85	-0.1858	-0.0826	0.0271	-0.000195	-0.000026	-0.000330
86	-0.1858	0.0826	-0.0271	0.000195	-0.000026	-0.000330
87	-0.1808	0.2659	0.0000	0.000845	0.000184	-0.000330
88	-0.1808	0.4079	-0.0019	0.000743	0.000225	-0.000330
89	-0.0091	-0.4079	0.0008	-0.000236	0.000028	-0.000330
90	-0.0074	-0.0875	-0.0014	-0.000089	0.000020	-0.000330
91	-0.0074	0.0875	0.0014	0.000089	0.000020	-0.000330
92	-0.0091	0.4079	-0.0008	0.000236	0.000028	-0.000330
93	0.1528	-0.4079	-0.0028	-0.000724	-0.000186	-0.000330
94	0.1528	-0.2659	0.0012	-0.000844	-0.000108	-0.000330
95	0.1511	-0.0875	0.0002	-0.000223	-0.000163	-0.000330
96	0.1511	0.0875	-0.0002	0.000223	-0.000163	-0.000330

97	0.1528	0.2659	-0.0012	0.000844	-0.000108	-0.000330
98	0.1528	0.4079	0.0028	0.000724	-0.000186	-0.000330
99	-0.1230	-0.0875	-0.0055	-0.000152	0.000150	-0.000330
100	-0.1230	0.0875	0.0055	0.000152	0.000150	-0.000330
101	-0.0210	-0.0351	0.0077	-0.000055	-0.000021	-0.000032
102	-0.0210	-0.0305	0.0066	-0.000069	-0.000021	-0.000032
103	-0.0226	-0.0162	0.0076	-0.000056	-0.000007	-0.000064
104	-0.0226	-0.0084	0.0066	-0.000064	-0.000007	-0.000044
105	-0.0218	-0.0349	0.0088	-0.000070	0.000000	-0.000060
106	-0.0218	-0.0159	0.0056	-0.000102	0.000000	-0.000028
107	-0.0218	-0.0412	0.0097	-0.000019	-0.000003	-0.000033
108	-0.0210	-0.0215	0.0046	-0.000061	-0.000027	-0.000032
109	-0.0210	-0.0169	0.0036	-0.000065	-0.000001	-0.000032
110	-0.0210	-0.0124	0.0026	-0.000042	-0.000011	-0.000032
111	-0.0226	-0.0009	0.0045	-0.000061	-0.000007	-0.000013
112	-0.0226	0.0003	0.0035	-0.000051	-0.000007	-0.000005
113	-0.0225	0.0006	0.0026	-0.000040	-0.000007	0.000000
114	-0.0218	-0.0041	0.0017	-0.000037	0.000000	-0.000014
115	-0.0210	-0.0040	0.0008	-0.000010	-0.000010	-0.000032
116	-0.0210	0.0000	0.0000	0.000000	-0.000005	-0.000032
117	-0.0210	0.0040	-0.0008	0.000010	-0.000010	-0.000032
118	-0.0225	0.0003	0.0008	-0.000014	-0.000007	0.000002
119	-0.0225	0.0000	0.0000	0.000000	-0.000007	0.000002
120	-0.0225	-0.0003	-0.0008	0.000014	-0.000007	0.000002
121	-0.0218	0.0041	-0.0017	0.000037	0.000000	-0.000014
122	-0.0210	0.0124	-0.0026	0.000042	-0.000011	-0.000032
123	-0.0210	0.0169	-0.0036	0.000065	-0.000001	-0.000032
124	-0.0210	0.0215	-0.0046	0.000061	-0.000027	-0.000032
125	-0.0225	-0.0006	-0.0026	0.000040	-0.000007	0.000000
126	-0.0226	-0.0003	-0.0035	0.000051	-0.000007	-0.000005
127	-0.0226	0.0009	-0.0045	0.000061	-0.000007	-0.000013
128	-0.0218	0.0159	-0.0056	0.000102	0.000000	-0.000028
129	-0.0210	0.0305	-0.0066	0.000069	-0.000021	-0.000032
130	-0.0210	0.0351	-0.0077	0.000055	-0.000021	-0.000032
131	-0.0226	0.0084	-0.0066	0.000064	-0.000007	-0.000044
132	-0.0226	0.0162	-0.0076	0.000056	-0.000007	-0.000064
133	-0.0218	0.0349	-0.0088	0.000070	0.000000	-0.000060
134	-0.0218	0.0412	-0.0097	0.000019	-0.000003	-0.000033
135	0.0208	-0.0351	-0.0079	-0.000054	0.000020	-0.000032
136	0.0208	-0.0305	-0.0067	-0.000070	0.000019	-0.000032
137	0.0224	-0.0162	-0.0078	-0.000056	0.000007	-0.000064
138	0.0224	-0.0085	-0.0067	-0.000064	0.000007	-0.000043
139	0.0216	-0.0350	-0.0089	-0.000071	0.000000	-0.000059
140	0.0216	-0.0158	-0.0058	-0.000100	0.000000	-0.000028
141	0.0216	-0.0412	-0.0099	-0.000019	0.000003	-0.000033
142	0.0208	-0.0215	-0.0047	-0.000061	0.000025	-0.000032
143	0.0208	-0.0169	-0.0037	-0.000064	-0.000001	-0.000032
144	0.0208	-0.0124	-0.0027	-0.000035	0.000020	-0.000032
145	0.0224	-0.0010	-0.0047	-0.000061	0.000007	-0.000012
146	0.0224	0.0001	-0.0037	-0.000052	0.000007	-0.000004
147	0.0224	0.0004	-0.0027	-0.000042	0.000007	0.000000
148	0.0216	-0.0050	-0.0018	-0.000044	0.000000	-0.000015
149	0.0208	-0.0040	-0.0009	-0.000002	0.000021	-0.000032
150	0.0208	0.0000	0.0000	0.000000	0.000000	-0.000032
151	0.0208	0.0040	0.0009	0.000002	0.000021	-0.000032
152	0.0224	0.0001	-0.0009	-0.000016	0.000007	0.000001
153	0.0224	0.0000	0.0000	0.000000	0.000007	0.000001
154	0.0224	-0.0001	0.0009	0.000016	0.000007	0.000001
155	0.0216	0.0050	0.0018	0.000044	0.000000	-0.000015
156	0.0208	0.0124	0.0027	0.000035	0.000020	-0.000032
157	0.0208	0.0169	0.0037	0.000064	-0.000001	-0.000032
158	0.0208	0.0215	0.0047	0.000061	0.000025	-0.000032
159	0.0224	-0.0004	0.0027	0.000042	0.000007	0.000000
160	0.0224	-0.0001	0.0037	0.000052	0.000007	-0.000004
161	0.0224	0.0010	0.0047	0.000061	0.000007	-0.000012
162	0.0216	0.0158	0.0058	0.000100	0.000000	-0.000028
163	0.0208	0.0305	0.0067	0.000070	0.000019	-0.000032
164	0.0208	0.0351	0.0079	0.000054	0.000020	-0.000032
165	0.0224	0.0085	0.0067	0.000064	0.000007	-0.000043
166	0.0224	0.0162	0.0078	0.000056	0.000007	-0.000064
167	0.0216	0.0350	0.0089	0.000071	0.000000	-0.000059
168	0.0216	0.0412	0.0099	0.000019	0.000003	-0.000033

169	-0.0042	-0.0440	0.0018	0.000007	0.000018	-0.000032
170	-0.0083	-0.0440	0.0036	-0.000023	0.000024	-0.000032
171	-0.0125	-0.0440	0.0054	0.000004	0.000012	-0.000032
172	-0.0010	-0.0385	0.0017	-0.000014	0.000003	-0.000011
173	-0.0030	-0.0385	0.0035	-0.000014	0.000007	-0.000021
174	-0.0068	-0.0384	0.0054	-0.000015	0.000008	-0.000037
175	0.0006	-0.0413	0.0000	0.000000	-0.000004	-0.000017
176	-0.0160	-0.0412	0.0074	0.000000	0.000038	-0.000051
177	0.0123	-0.0440	-0.0055	0.000003	-0.000012	-0.000032
178	0.0081	-0.0440	-0.0037	-0.000023	-0.000022	-0.000032
179	0.0040	-0.0440	-0.0019	0.000007	-0.000008	-0.000032
180	0.0068	-0.0384	-0.0055	-0.000015	-0.000009	-0.000036
181	0.0032	-0.0385	-0.0036	-0.000014	-0.000008	-0.000020
182	0.0013	-0.0385	-0.0018	-0.000014	-0.000006	-0.000010
183	0.0157	-0.0412	-0.0075	0.000000	-0.000034	-0.000051
184	-0.0042	0.0440	-0.0018	-0.000007	0.000018	-0.000032
185	-0.0083	0.0440	-0.0036	0.000023	0.000024	-0.000032
186	-0.0125	0.0440	-0.0054	-0.000004	0.000012	-0.000032
187	-0.0010	0.0385	-0.0017	0.000014	0.000003	-0.000011
188	-0.0030	0.0385	-0.0035	0.000014	0.000007	-0.000021
189	-0.0068	0.0384	-0.0054	0.000015	0.000008	-0.000037
190	0.0006	0.0413	0.0000	0.000000	-0.000004	-0.000017
191	-0.0160	0.0412	-0.0074	0.000000	0.000038	-0.000051
192	0.0123	0.0440	0.0055	-0.000003	-0.000012	-0.000032
193	0.0081	0.0440	0.0037	0.000023	-0.000022	-0.000032
194	0.0040	0.0440	0.0019	-0.000007	-0.000008	-0.000032
195	0.0068	0.0384	0.0055	0.000015	-0.000009	-0.000036
196	0.0032	0.0385	0.0036	0.000014	-0.000008	-0.000020
197	0.0013	0.0385	0.0018	0.000014	-0.000006	-0.000010
198	0.0157	0.0412	0.0075	0.000000	-0.000034	-0.000051
199	-0.0022	-0.0084	0.0004	0.000031	0.000004	-0.000032
200	-0.0050	-0.0084	-0.0035	0.000052	0.000038	-0.000032
201	-0.0078	-0.0084	-0.0075	0.000034	0.000085	-0.000032
202	-0.0132	-0.0084	-0.0009	-0.000023	0.000057	-0.000032
203	-0.0158	-0.0056	0.0031	-0.000009	0.000011	-0.000032
204	-0.0158	-0.0028	0.0026	-0.000006	-0.000022	-0.000032
205	-0.0158	0.0000	0.0000	0.000000	-0.000034	-0.000032
206	-0.0158	0.0028	-0.0026	0.000006	-0.000022	-0.000032
207	-0.0158	0.0056	-0.0031	0.000009	0.000011	-0.000032
208	-0.0132	0.0084	0.0009	0.000023	0.000057	-0.000032
209	-0.0078	0.0084	0.0075	-0.000034	0.000085	-0.000032
210	-0.0050	0.0084	0.0035	-0.000052	0.000038	-0.000032
211	-0.0022	0.0084	-0.0004	-0.000031	0.000004	-0.000032
212	0.0005	0.0056	0.0008	0.000021	0.000009	-0.000032
213	0.0005	0.0028	0.0002	0.000006	0.000003	-0.000032
214	0.0005	0.0000	0.0000	0.000000	0.000002	-0.000032
215	0.0005	-0.0028	-0.0002	-0.000006	0.000003	-0.000032
216	0.0005	-0.0056	-0.0008	-0.000021	0.000008	-0.000032
217	-0.0218	-0.0194	0.0066	-0.000080	0.000000	-0.000022
218	-0.0218	-0.0257	0.0077	-0.000070	0.000000	-0.000067
219	-0.0218	-0.0059	0.0026	-0.000046	0.000000	-0.000011
220	-0.0218	-0.0077	0.0036	-0.000057	0.000000	-0.000016
221	-0.0218	-0.0113	0.0046	-0.000076	0.000000	-0.000035
222	-0.0218	0.0020	-0.0008	0.000016	0.000000	-0.000019
223	-0.0218	0.0000	0.0000	0.000000	0.000000	-0.000014
224	-0.0218	-0.0020	0.0008	-0.000016	0.000000	-0.000019
225	-0.0218	0.0113	-0.0046	0.000076	0.000000	-0.000035
226	-0.0218	0.0077	-0.0036	0.000057	0.000000	-0.000016
227	-0.0218	0.0059	-0.0026	0.000046	0.000000	-0.000011
228	-0.0218	0.0257	-0.0077	0.000070	0.000000	-0.000067
229	-0.0218	0.0194	-0.0066	0.000080	0.000000	-0.000022
230	0.0216	-0.0193	-0.0068	-0.000080	0.000000	-0.000023
231	0.0216	-0.0258	-0.0078	-0.000071	0.000000	-0.000068
232	0.0216	-0.0064	-0.0027	-0.000047	0.000000	-0.000005
233	0.0216	-0.0079	-0.0037	-0.000056	0.000000	-0.000016
234	0.0216	-0.0114	-0.0047	-0.000075	0.000000	-0.000033
235	0.0216	0.0025	0.0009	0.000018	0.000000	-0.000025
236	0.0216	0.0000	0.0000	0.000000	0.000000	-0.000015
237	0.0216	-0.0025	-0.0009	-0.000018	0.000000	-0.000025
238	0.0216	0.0114	0.0047	0.000075	0.000000	-0.000033
239	0.0216	0.0079	0.0037	0.000056	0.000000	-0.000016
240	0.0216	0.0064	0.0027	0.000047	0.000000	-0.000005

241	0.0216	0.0258	0.0078	0.000071	0.000000	-0.000068
242	0.0216	0.0193	0.0068	0.000080	0.000000	-0.000023
243	-0.0096	-0.0412	0.0054	0.000000	0.000027	-0.000047
244	-0.0050	-0.0412	0.0036	0.000000	0.000020	-0.000024
245	-0.0020	-0.0413	0.0018	0.000000	0.000011	-0.000022
246	0.0026	-0.0412	-0.0018	0.000000	-0.000012	-0.000015
247	0.0051	-0.0412	-0.0037	0.000000	-0.000018	-0.000024
248	0.0095	-0.0412	-0.0055	0.000000	-0.000025	-0.000044
249	-0.0096	0.0412	-0.0054	0.000000	0.000027	-0.000047
250	-0.0050	0.0412	-0.0036	0.000000	0.000020	-0.000024
251	-0.0020	0.0413	-0.0018	0.000000	0.000011	-0.000022
252	0.0026	0.0412	0.0018	0.000000	-0.000012	-0.000015
253	0.0051	0.0412	0.0037	0.000000	-0.000018	-0.000024
254	0.0095	0.0412	0.0055	0.000000	-0.000025	-0.000044
255	-0.0022	0.0056	-0.0003	-0.000001	-0.000003	-0.000032
256	-0.0049	0.0056	0.0008	-0.000024	0.000021	-0.000032
257	-0.0077	0.0056	0.0013	0.000013	0.000048	-0.000032
258	-0.0104	0.0056	-0.0006	0.000022	0.000013	-0.000032
259	-0.0131	0.0056	-0.0022	0.000014	0.000014	-0.000032
260	-0.0131	0.0028	-0.0019	0.000009	-0.000019	-0.000032
261	-0.0131	0.0000	0.0000	0.000000	-0.000024	-0.000032
262	-0.0131	-0.0028	0.0019	-0.000009	-0.000019	-0.000032
263	-0.0131	-0.0056	0.0022	-0.000014	0.000014	-0.000032
264	-0.0022	0.0028	-0.0001	0.000001	0.000000	-0.000032
265	-0.0049	0.0028	-0.0002	0.000002	0.000003	-0.000032
266	-0.0076	0.0028	-0.0006	0.000004	-0.000003	-0.000032
267	-0.0104	0.0028	-0.0011	0.000010	-0.000004	-0.000032
268	-0.0104	0.0000	0.0000	0.000000	-0.000019	-0.000032
269	-0.0104	-0.0028	0.0011	-0.000010	-0.000004	-0.000032
270	-0.0105	-0.0056	0.0007	-0.000022	0.000012	-0.000032
271	-0.0022	0.0000	0.0000	0.000000	-0.000001	-0.000032
272	-0.0049	0.0000	0.0000	0.000000	-0.000007	-0.000032
273	-0.0077	0.0000	0.0000	0.000000	-0.000009	-0.000032
274	-0.0077	-0.0028	0.0006	-0.000004	-0.000003	-0.000032
275	-0.0077	-0.0056	-0.0013	-0.000014	0.000048	-0.000032
276	-0.0022	-0.0028	0.0001	-0.000001	0.000000	-0.000032
277	-0.0050	-0.0028	0.0002	-0.000003	0.000003	-0.000032
278	-0.0050	-0.0056	-0.0009	0.000024	0.000022	-0.000032
279	-0.0022	-0.0056	0.0003	0.000001	-0.000003	-0.000032

2.1.5.2 Sollecitazioni SLV

Tabella 18.I

Asta	Imp.	Fili	Sollecitazioni						
			X [cm]	N [daN]	Mt [daNm]	Mxz [daNm]	Txz [daN]	Mxy [daNm]	Txy [daN]
1	FONDAZIONE	1, 2	0	-9.77	5.12	-4.65	8.19	12.51	10.43
			218	-7.36	5.12	3.26	0.82	-3.21	4.63
			435	-5.00	5.11	1.86	-0.91	-10.22	2.28
2	FONDAZIONE	7, 1	0	-13.31	-2.17	-6.95	6.66	-9.97	-4.64
			260	-4.29	-2.17	7.32	6.39	1.43	-3.97
			520	4.70	-2.18	19.55	2.55	9.95	-2.30
3	FONDAZIONE	2, 3	0	-25.89	-3.57	5.49	-0.59	-4.67	-0.55
			268	-23.15	-3.57	3.61	-0.56	-1.96	-1.29
			535	-20.62	-3.57	-4.12	-6.24	1.87	-1.57
4	FONDAZIONE	8, 2	0	7.33	-0.17	-12.89	5.88	-5.39	-2.54
			260	8.64	-0.17	0.82	5.18	0.54	-1.81
			520	10.02	-0.17	16.32	6.95	3.02	0.14
5	FONDAZIONE	3, 4	0	-2.42	12.59	-28.71	15.66	-0.09	0.03
			265	0.00	12.59	0.00	8.33	0.00	-0.07
			530	2.41	12.59	28.71	15.66	0.09	0.03
6	FONDAZIONE	9, 3	0	-17.31	1.40	16.11	-12.57	2.35	0.77
			260	-16.90	1.40	3.25	1.32	-0.07	1.32

			520	-16.63	1.40	11.39	1.93	-5.74	3.24
7	FONDAZ IONE	4, 5	0	20.62	-3.57	4.12	-6.24	-1.86	-1.57
			268	23.15	-3.57	-3.61	-0.56	1.96	-1.29
			535	25.89	-3.57	-5.49	-0.59	4.67	-0.55
8	FONDAZ IONE	10, 4	0	17.31	1.40	-16.10	12.57	2.35	0.77
			260	16.90	1.40	-3.25	-1.32	-0.07	1.32
			520	16.63	1.40	-11.39	-1.93	-5.74	3.24
9	FONDAZ IONE	5, 6	0	5.00	5.11	-1.86	-0.91	10.22	2.28
			218	7.36	5.12	-3.26	0.82	3.21	4.63
			435	9.77	5.12	4.65	8.19	-12.51	10.43
10	FONDAZ IONE	11, 5	0	-7.33	-0.17	12.89	-5.88	-5.39	-2.54
			260	-8.64	-0.17	-0.82	-5.18	0.54	-1.81
			520	-10.02	-0.17	-16.32	-6.95	3.02	0.14
11	FONDAZ IONE	12, 6	0	13.31	-2.17	6.95	-6.66	-9.97	-4.64
			260	4.29	-2.17	-7.32	-6.39	1.43	-3.97
			520	-4.70	-2.18	-19.55	-2.55	9.95	-2.30
12	FONDAZ IONE	7, 8	0	-2.89	-1.88	0.53	0.01	18.40	12.79
			215	-2.87	-1.88	-0.39	-0.86	-2.06	6.83
			430	-2.87	-1.88	-3.10	-1.56	-13.66	4.47
13	FONDAZ IONE	13, 7	0	-6.18	-5.50	-14.10	-4.13	-6.31	0.06
			240	2.14	-5.49	-10.64	5.52	-2.47	-2.83
			480	10.48	-5.49	0.79	5.31	5.83	-3.80
14	FONDAZ IONE	8, 9	0	-0.48	1.79	-4.48	-0.07	-6.94	-1.61
			270	-0.52	1.79	-2.42	2.97	-1.47	-2.32
			540	-0.57	1.79	22.05	16.91	5.58	-2.91
15	FONDAZ IONE	14, 8	0	-9.22	-1.50	-16.47	12.74	3.27	3.68
			245	-7.93	-1.50	3.42	5.13	-1.14	0.33
			490	-6.70	-1.50	14.55	4.74	-0.27	-0.70
16	FONDAZ IONE	9, 10	0	0.04	-0.37	23.88	-15.67	-2.14	-0.67
			265	0.00	-0.37	0.00	-5.37	0.00	-0.86
			530	-0.04	-0.37	-23.87	-15.67	2.14	-0.67
17	FONDAZ IONE	15, 9	0	-5.00	1.08	-4.26	2.60	12.34	7.52
			240	-4.52	1.08	0.04	3.01	-1.03	4.03
			480	-4.06	1.08	19.54	14.96	-9.17	3.11
18	FONDAZ IONE	10, 11	0	0.57	1.79	-22.05	16.91	-5.58	-2.91
			270	0.52	1.79	2.42	2.97	1.47	-2.32
			540	0.48	1.79	4.48	-0.07	6.94	-1.61
19	FONDAZ IONE	16, 10	0	5.01	1.08	4.26	-2.60	12.34	7.52
			240	4.52	1.08	-0.04	-3.01	-1.03	4.03
			480	4.06	1.08	-19.54	-14.96	-9.17	3.11
20	FONDAZ IONE	11, 12	0	2.87	-1.88	3.10	-1.56	13.66	4.47
			215	2.87	-1.88	0.39	-0.86	2.06	6.83
			430	2.89	-1.88	-0.53	0.01	-18.40	12.79
21	FONDAZ IONE	17, 11	0	9.22	-1.50	16.47	-12.74	3.27	3.68
			245	7.93	-1.50	-3.42	-5.13	-1.14	0.33
			490	6.70	-1.50	-14.55	-4.74	-0.27	-0.70
22	FONDAZ IONE	18, 12	0	6.18	-5.50	14.10	4.13	-6.31	0.06
			240	-2.14	-5.49	10.64	-5.52	-2.47	-2.83
			480	-10.48	-5.49	-0.78	-5.31	5.83	-3.80
23	FONDAZ IONE	13, 14	0	2.03	10.50	13.48	-16.15	9.02	8.98
			218	-2.01	10.49	-5.81	-5.54	-3.61	3.26
			435	-6.06	10.49	-20.42	-10.73	-7.69	0.95
24	FONDAZ IONE	14, 15	0	3.13	2.30	-14.53	11.46	-8.42	-2.14
			265	-1.80	2.30	2.35	1.06	-1.62	-2.87
			530	-6.75	2.30	-2.65	-5.39	6.91	-3.58

25	FONDAZ IONE	15, 16	0	5.05	-4.76	-5.73	3.73	-2.36	-0.70
			270	0.00	-4.76	0.00	0.55	0.00	-0.95
			540	-5.05	-4.76	5.73	3.73	2.36	-0.70
26	FONDAZ IONE	16, 17	0	6.75	2.30	2.65	-5.39	-6.91	-3.58
			265	1.80	2.30	-2.35	1.06	1.62	-2.87
			530	-3.13	2.30	14.53	11.46	8.42	-2.14
27	FONDAZ IONE	17, 18	0	6.06	10.49	20.42	-10.73	7.69	0.95
			218	2.01	10.49	5.81	-5.54	3.61	3.26
			435	-2.03	10.50	-13.48	-16.15	-9.02	8.98
28	FONDAZ IONE	19, 20	0	10.35	-27.34	-3.76	13.44	56.51	-54.86
			72	-21.21	-27.35	3.68	-10.03	83.41	-21.52
			143	-52.78	-27.35	-5.15	-32.01	89.10	4.45
29	FONDAZ IONE	19, 20	0	23.69	-13.27	-5.21	12.26	92.32	-18.46
			72	-7.89	-13.28	2.45	-8.27	98.19	1.10
			143	-39.47	-13.28	-4.08	-27.35	92.03	15.26
30	FONDAZ IONE	19, 20	0	32.01	0.48	-4.14	8.97	88.21	-2.20
			72	0.42	0.48	2.19	-8.68	86.04	7.58
			143	-31.16	0.47	-3.61	-24.90	78.15	13.94
31	FONDAZ IONE	34, 19	0	-6.61	-28.62	-14.28	24.39	-81.07	-135.90
			70	-37.39	-28.63	-0.19	-1.48	-3.32	-87.58
			140	-68.20	-28.63	-3.70	-25.90	43.39	-47.22
32	FONDAZ IONE	20, 21	0	36.66	4.45	-3.66	6.19	73.98	17.40
			71	5.26	4.45	1.70	-8.54	60.11	21.19
			143	-26.14	4.44	-2.94	-21.87	44.22	23.16
33	FONDAZ IONE	20, 21	0	42.29	17.64	-2.99	3.60	42.92	8.63
			71	10.90	17.63	1.52	-8.34	36.45	9.35
			143	-20.49	17.63	-1.98	-18.89	29.79	9.24
34	FONDAZ IONE	20, 21	0	45.87	18.79	-2.04	0.63	28.79	11.33
			71	14.49	18.78	1.33	-8.56	20.91	10.74
			143	-16.88	18.78	-1.36	-16.39	13.54	9.92
35	FONDAZ IONE	20, 21	0	43.34	23.42	-1.42	-2.13	12.61	5.46
			71	11.98	23.42	0.94	-8.63	9.03	4.60
			143	-19.38	23.41	-0.86	-13.83	6.04	3.81
36	FONDAZ IONE	21, 22	0	34.42	23.63	-0.91	-5.04	6.93	7.09
			63	6.92	23.63	0.29	-8.53	2.68	6.53
			125	-20.57	23.63	-0.37	-11.02	-1.27	6.13
37	FONDAZ IONE	21, 22	0	29.61	27.14	-0.41	-7.12	0.80	1.78
			63	2.11	27.14	0.12	-8.62	-0.23	1.54
			125	-25.38	27.13	0.02	-9.11	-1.16	1.46
38	FONDAZ IONE	21, 22	0	25.37	27.13	-0.02	-9.11	1.16	1.46
			63	-2.12	27.13	-0.12	-8.62	0.23	1.54
			125	-29.61	27.14	0.41	-7.12	-0.80	1.78
39	FONDAZ IONE	21, 22	0	20.57	23.63	0.37	-11.02	1.27	6.13
			63	-6.92	23.63	-0.29	-8.53	-2.68	6.53
			125	-34.42	23.63	0.91	-5.04	-6.93	7.09
40	FONDAZ IONE	22, 23	0	19.37	23.42	0.86	-13.83	-6.04	3.81
			71	-11.98	23.42	-0.94	-8.63	-9.03	4.60
			143	-43.34	23.42	1.42	-2.13	-12.61	5.46
41	FONDAZ IONE	22, 23	0	16.87	18.78	1.36	-16.39	-13.54	9.92
			71	-14.49	18.78	-1.33	-8.56	-20.91	10.74
			143	-45.87	18.79	2.04	0.63	-28.79	11.33
42	FONDAZ IONE	22, 23	0	20.49	17.63	1.98	-18.89	-29.79	9.24
			71	-10.90	17.63	-1.52	-8.34	-36.45	9.35
			143	-42.29	17.64	2.99	3.60	-42.92	8.63
43	FONDAZ	22, 23	0	26.14	4.44	2.94	-21.87	-44.22	23.16

	IONE								
			71	-5.26	4.45	-1.70	-8.54	-60.11	21.19
			143	-36.66	4.45	3.66	6.19	-73.98	17.40
44	FONDAZ IONE	23, 24	0	31.16	0.47	3.61	-24.90	-78.15	13.94
			72	-0.42	0.48	-2.19	-8.68	-86.04	7.58
			143	-32.01	0.48	4.14	8.97	-88.21	-2.20
45	FONDAZ IONE	23, 24	0	39.47	-13.28	4.08	-27.35	-92.03	15.26
			72	7.89	-13.28	-2.45	-8.27	-98.18	1.10
			143	-23.69	-13.27	5.21	12.26	-92.32	-18.46
46	FONDAZ IONE	23, 24	0	52.78	-27.35	5.15	-32.01	-89.10	4.45
			72	21.21	-27.35	-3.68	-10.03	-83.41	-21.52
			143	-10.35	-27.34	3.76	13.44	-56.51	-54.86
47	FONDAZ IONE	24, 39	0	68.20	-28.63	3.70	-25.90	-43.39	-47.22
			70	37.39	-28.63	0.19	-1.48	3.32	-87.58
			140	6.61	-28.62	14.28	24.39	81.07	-135.90
48	FONDAZ IONE	25, 26	0	-9.85	-27.77	3.70	-13.84	56.22	-54.57
			72	21.48	-27.78	-3.82	10.10	82.90	-21.21
			143	52.83	-27.78	5.28	32.53	88.36	4.80
49	FONDAZ IONE	25, 26	0	-22.53	-12.85	5.33	-12.79	91.83	-19.40
			72	8.82	-12.86	-2.50	8.18	98.35	0.18
			143	40.18	-12.86	4.17	27.69	92.84	14.38
50	FONDAZ IONE	25, 26	0	-30.22	0.14	4.22	-9.45	89.32	-2.06
			72	1.14	0.13	-2.26	8.61	87.03	7.77
			143	32.51	0.12	3.67	25.23	78.99	14.18
51	FONDAZ IONE	35, 25	0	5.66	-28.17	15.08	-25.57	-83.66	-137.46
			70	36.23	-28.17	0.38	0.81	-4.81	-89.16
			140	66.81	-28.18	3.63	25.72	43.01	-48.79
52	FONDAZ IONE	26, 27	0	-33.61	4.11	3.73	-6.65	74.82	17.01
			71	-2.43	4.11	-1.78	8.46	61.19	20.88
			143	28.75	4.10	2.98	22.16	45.47	22.98
53	FONDAZ IONE	26, 27	0	-37.23	16.41	3.04	-4.00	43.97	9.22
			71	-6.06	16.40	-1.58	8.30	37.02	10.11
			143	25.11	16.40	2.06	19.21	29.74	10.23
54	FONDAZ IONE	26, 27	0	-37.34	16.80	2.12	-0.92	28.13	13.02
			71	-6.17	16.80	-1.29	8.62	18.94	12.71
			143	24.99	16.79	1.62	16.80	10.05	12.22
55	FONDAZ IONE	26, 27	0	-32.09	24.46	1.67	1.84	8.29	3.14
			71	-0.93	24.45	-0.73	8.68	6.24	2.63
			143	30.23	24.45	1.25	14.17	4.53	2.18
56	FONDAZ IONE	27, 28	0	-24.26	23.44	1.30	4.72	5.47	9.10
			63	3.08	23.44	0.00	8.43	-0.12	8.80
			125	30.42	23.44	0.69	11.10	-5.56	8.61
57	FONDAZ IONE	27, 28	0	-25.17	30.37	0.74	6.71	-2.68	-0.75
			63	2.17	30.37	0.02	8.32	-2.18	-0.85
			125	29.51	30.37	-0.02	8.85	-1.63	-0.89
58	FONDAZ IONE	27, 28	0	-29.51	30.37	0.02	8.85	1.63	-0.89
			63	-2.17	30.37	-0.02	8.32	2.18	-0.85
			125	25.17	30.37	-0.74	6.71	2.68	-0.75
59	FONDAZ IONE	27, 28	0	-30.42	23.44	-0.69	11.10	5.56	8.61
			63	-3.08	23.44	0.00	8.43	0.12	8.80
			125	24.26	23.44	-1.30	4.72	-5.47	9.10
60	FONDAZ IONE	28, 29	0	-30.23	24.45	-1.25	14.17	-4.53	2.18
			71	0.93	24.45	0.73	8.68	-6.24	2.63
			143	32.09	24.46	-1.67	1.84	-8.29	3.14
61	FONDAZ IONE	28, 29	0	-24.99	16.79	-1.62	16.80	-10.05	12.22

			71	6.17	16.80	1.29	8.62	-18.94	12.71
			143	37.34	16.80	-2.12	-0.92	-28.13	13.02
62	FONDAZ IONE	28, 29	0	-25.11	16.40	-2.06	19.21	-29.74	10.23
			71	6.06	16.40	1.58	8.30	-37.02	10.11
			143	37.23	16.41	-3.04	-4.00	-43.97	9.22
63	FONDAZ IONE	28, 29	0	-28.75	4.10	-2.98	22.16	-45.47	22.98
			71	2.43	4.11	1.78	8.46	-61.19	20.88
			143	33.60	4.11	-3.73	-6.65	-74.82	17.01
64	FONDAZ IONE	29, 30	0	-32.51	0.12	-3.67	25.23	-78.99	14.18
			72	-1.14	0.13	2.26	8.61	-87.03	7.77
			143	30.22	0.14	-4.22	-9.45	-89.32	-2.06
65	FONDAZ IONE	29, 30	0	-40.18	-12.86	-4.17	27.69	-92.84	14.38
			72	-8.82	-12.86	2.50	8.18	-98.35	0.18
			143	22.53	-12.85	-5.33	-12.79	-91.83	-19.40
66	FONDAZ IONE	29, 30	0	-52.83	-27.78	-5.28	32.53	-88.36	4.80
			72	-21.48	-27.78	3.82	10.10	-82.90	-21.21
			143	9.85	-27.77	-3.70	-13.84	-56.22	-54.57
67	FONDAZ IONE	30, 40	0	-66.81	-28.18	-3.63	25.72	-43.01	-48.79
			70	-36.23	-28.17	-0.38	0.81	4.81	-89.16
			140	-5.66	-28.17	-15.08	-25.57	83.66	-137.46
68	FONDAZ IONE	32, 31	0	62.00	7.30	-0.03	-14.30	-2.92	25.24
			65	13.09	7.30	0.24	-15.32	-19.33	25.14
			130	-35.80	7.30	-0.87	-18.59	-35.46	24.34
69	FONDAZ IONE	32, 31	0	101.20	7.14	-0.78	-9.47	-39.39	22.88
			65	52.32	7.14	1.17	-15.00	-53.76	21.14
			130	3.46	7.15	-1.22	-22.80	-66.60	18.12
70	FONDAZ IONE	32, 31	0	139.61	3.38	-1.12	-4.73	-69.84	20.43
			65	90.80	3.39	2.41	-14.83	-81.68	15.62
			130	42.03	3.39	-1.39	-27.29	-89.64	8.42
71	FONDAZ IONE	32, 31	0	172.30	-10.04	-1.28	-4.02	-91.57	25.15
			65	123.58	-10.04	1.15	-18.89	-104.77	14.87
			130	74.92	-10.04	-6.89	-36.19	-110.08	0.73
72	FONDAZ IONE	31, 34	0	190.93	-15.34	-6.78	29.66	-111.26	5.97
			70	138.61	-15.34	17.15	8.35	-108.60	-14.58
			140	86.37	-15.34	25.08	-16.16	-89.32	-41.72
73	FONDAZ IONE	33, 32	0	-77.79	-9.99	6.99	-36.57	110.61	-0.19
			65	-126.41	-9.99	-1.16	-18.86	105.91	13.90
			130	-175.10	-9.99	1.41	-3.62	93.35	24.20
74	FONDAZ IONE	33, 32	0	-47.75	1.49	1.51	-27.71	91.12	9.66
			65	-96.50	1.49	-2.45	-14.91	82.32	16.96
			130	-145.29	1.49	1.13	-4.50	69.56	21.96
75	FONDAZ IONE	33, 32	0	-12.93	4.43	1.23	-23.17	65.55	20.25
			65	-61.77	4.43	-1.31	-15.09	51.24	23.56
			130	-110.63	4.43	0.65	-9.31	35.19	25.65
76	FONDAZ IONE	33, 32	0	23.94	8.27	0.75	-18.85	30.31	21.11
			65	-24.95	8.27	-0.46	-15.35	16.15	22.32
			130	-73.85	8.27	-0.13	-14.11	1.43	22.85
77	FONDAZ IONE	35, 33	0	-87.86	-16.03	-24.88	-16.71	92.06	-39.96
			70	-140.07	-16.03	-17.16	8.30	110.19	-13.02
			140	-192.36	-16.03	6.89	30.07	111.80	7.40
78	FONDAZ IONE	37, 36	0	-62.00	7.30	0.03	14.30	-2.92	25.24
			65	-13.09	7.30	-0.24	15.32	-19.33	25.14
			130	35.80	7.30	0.87	18.59	-35.46	24.34
79	FONDAZ IONE	37, 36	0	-101.19	7.14	0.78	9.47	-39.39	22.88
			65	-52.32	7.14	-1.17	15.00	-53.76	21.14

			130	-3.46	7.15	1.22	22.80	-66.60	18.12
80	FONDAZ IONE	37, 36	0	-139.61	3.38	1.12	4.73	-69.84	20.43
			65	-90.80	3.39	-2.41	14.83	-81.68	15.62
			130	-42.03	3.39	1.39	27.29	-89.64	8.42
81	FONDAZ IONE	37, 36	0	-172.30	-10.04	1.28	4.02	-91.57	25.15
			65	-123.58	-10.04	-1.15	18.89	-104.77	14.87
			130	-74.92	-10.04	6.89	36.19	-110.08	0.73
82	FONDAZ IONE	36, 39	0	-190.93	-15.34	6.78	-29.66	-111.26	5.97
			70	-138.61	-15.34	-17.15	-8.35	-108.60	-14.58
			140	-86.37	-15.34	-25.08	16.16	-89.32	-41.72
83	FONDAZ IONE	38, 37	0	77.79	-9.99	-6.99	36.57	110.61	-0.19
			65	126.41	-9.99	1.16	18.86	105.91	13.90
			130	175.10	-9.99	-1.41	3.62	93.35	24.20
84	FONDAZ IONE	38, 37	0	47.75	1.49	-1.51	27.71	91.12	9.66
			65	96.50	1.49	2.45	14.91	82.32	16.96
			130	145.29	1.49	-1.13	4.50	69.56	21.96
85	FONDAZ IONE	38, 37	0	12.93	4.43	-1.23	23.17	65.55	20.25
			65	61.77	4.43	1.31	15.09	51.24	23.56
			130	110.63	4.43	-0.65	9.31	35.19	25.65
86	FONDAZ IONE	38, 37	0	-23.94	8.27	-0.75	18.85	30.31	21.11
			65	24.95	8.27	0.46	15.35	16.15	22.32
			130	73.85	8.27	0.13	14.11	1.43	22.85
87	FONDAZ IONE	40, 38	0	87.86	-16.03	24.88	16.71	92.06	-39.96
			70	140.07	-16.03	17.16	-8.30	110.19	-13.02
			140	192.36	-16.03	-6.89	-30.07	111.80	7.40
88	PRIMO IMPALC ATO	1, 2	0	0.00	3.86	-35.87	17.06	0.00	0.00
			215	0.00	3.86	0.80	17.06	0.00	0.00
			430	0.00	3.86	37.46	17.06	0.00	0.00
89	PRIMO IMPALC ATO	7, 1	0	0.00	7.86	-94.50	35.03	0.00	0.00
			260	0.00	7.86	-3.43	35.03	0.00	0.00
			520	0.00	7.86	87.63	35.03	0.00	0.00
90	PRIMO IMPALC ATO	1, 19	0	0.00	-24.05	-125.89	103.92	0.00	0.00
			78	0.00	-24.05	-44.97	103.92	0.00	0.00
			156	0.00	-24.05	35.95	103.92	0.00	0.00
91	PRIMO IMPALC ATO	31, 1	0	0.00	-25.23	-30.29	59.77	0.00	0.00
			78	0.00	-25.23	16.25	59.77	0.00	0.00
			156	0.00	-25.23	62.78	59.77	0.00	0.00
92	PRIMO IMPALC ATO	2, 3	0	0.00	5.52	-21.52	6.53	0.00	0.00
			270	0.00	5.52	-3.89	6.53	0.00	0.00
			540	0.00	5.52	13.74	6.53	0.00	0.00
93	PRIMO IMPALC ATO	8, 2	0	0.00	10.25	-21.30	11.36	0.00	0.00
			260	0.00	10.25	8.24	11.36	0.00	0.00
			520	0.00	10.25	37.78	11.36	0.00	0.00
94	PRIMO IMPALC ATO	2, 20	0	0.00	-24.49	-82.60	75.37	0.00	0.00
			78	0.00	-24.49	-23.92	75.37	0.00	0.00
			156	0.00	-24.49	34.76	75.37	0.00	0.00
95	PRIMO IMPALC ATO	3, 4	0	0.00	2.56	-3.62	-2.16	0.00	0.00
			44	0.00	2.56	-4.57	-2.16	0.00	0.00
			88	0.00	2.56	-5.52	-2.16	0.00	0.00
96	PRIMO	3, 4	0	0.00	0.40	-6.34	1.48	0.00	0.00

	IMPALC ATO								
			44	0.00	0.40	-5.68	1.48	0.00	0.00
			88	0.00	0.40	-5.03	1.48	0.00	0.00
97	PRIMO IMPALC ATO	3, 4	0	0.00	1.18	-3.34	2.80	0.00	0.00
			44	0.00	1.18	-2.10	2.80	0.00	0.00
			88	0.00	1.18	-0.86	2.80	0.00	0.00
98	PRIMO IMPALC ATO	3, 4	0	0.00	1.17	0.88	2.80	0.00	0.00
			44	0.00	1.17	2.11	2.80	0.00	0.00
			88	0.00	1.17	3.34	2.80	0.00	0.00
99	PRIMO IMPALC ATO	3, 4	0	0.00	0.38	5.03	1.46	0.00	0.00
			44	0.00	0.38	5.67	1.46	0.00	0.00
			88	0.00	0.38	6.32	1.46	0.00	0.00
100	PRIMO IMPALC ATO	3, 4	0	0.00	2.58	5.55	-2.22	0.00	0.00
			44	0.00	2.58	4.56	-2.22	0.00	0.00
			88	0.00	2.58	3.58	-2.22	0.00	0.00
101	PRIMO IMPALC ATO	3, 21	0	0.00	-5.57	-13.76	14.47	0.00	0.00
			83	0.00	-5.57	-1.77	14.47	0.00	0.00
			166	0.00	-5.57	10.22	14.47	0.00	0.00
102	PRIMO IMPALC ATO	41, 3	0	0.00	-30.27	-25.49	12.81	0.00	0.00
			41	0.00	-30.27	-20.20	12.81	0.00	0.00
			83	0.00	-30.27	-14.92	12.81	0.00	0.00
103	PRIMO IMPALC ATO	41, 3	0	0.00	-7.01	-2.49	5.90	0.00	0.00
			41	0.00	-7.01	-0.06	5.90	0.00	0.00
			83	0.00	-7.01	2.37	5.90	0.00	0.00
104	PRIMO IMPALC ATO	4, 5	0	0.00	5.52	-13.74	6.53	0.00	0.00
			270	0.00	5.52	3.89	6.53	0.00	0.00
			540	0.00	5.52	21.52	6.53	0.00	0.00
105	PRIMO IMPALC ATO	4, 22	0	0.00	-5.57	13.75	-14.47	0.00	0.00
			83	0.00	-5.57	1.77	-14.47	0.00	0.00
			166	0.00	-5.57	-10.22	-14.47	0.00	0.00
106	PRIMO IMPALC ATO	42, 4	0	0.00	-30.34	25.59	-12.93	0.00	0.00
			41	0.00	-30.34	20.26	-12.93	0.00	0.00
			83	0.00	-30.34	14.92	-12.93	0.00	0.00
107	PRIMO IMPALC ATO	42, 4	0	0.00	-6.99	2.44	-5.84	0.00	0.00
			41	0.00	-6.99	0.03	-5.84	0.00	0.00
			83	0.00	-6.99	-2.38	-5.84	0.00	0.00
108	PRIMO IMPALC ATO	5, 6	0	0.00	3.86	-37.46	17.06	0.00	0.00
			215	0.00	3.86	-0.80	17.06	0.00	0.00
			430	0.00	3.86	35.87	17.06	0.00	0.00
109	PRIMO IMPALC ATO	11, 5	0	0.00	10.25	21.30	-11.36	0.00	0.00
			260	0.00	10.25	-8.24	-11.36	0.00	0.00
			520	0.00	10.25	-37.79	-11.36	0.00	0.00
110	PRIMO IMPALC ATO	5, 23	0	0.00	-24.49	82.60	-75.37	0.00	0.00
			78	0.00	-24.49	23.92	-75.37	0.00	0.00
			156	0.00	-24.49	-34.76	-75.37	0.00	0.00

111	PRIMO IMPALC ATO	12, 6	0	0.00	7.86	94.50	-35.03	0.00	0.00
			260	0.00	7.86	3.43	-35.03	0.00	0.00
			520	0.00	7.86	-87.63	-35.03	0.00	0.00
112	PRIMO IMPALC ATO	6, 24	0	0.00	-24.05	125.89	-103.92	0.00	0.00
			78	0.00	-24.05	44.97	-103.92	0.00	0.00
			156	0.00	-24.05	-35.95	-103.92	0.00	0.00
113	PRIMO IMPALC ATO	6, 36	0	0.00	-25.23	-62.78	59.77	0.00	0.00
			78	0.00	-25.23	-16.25	59.77	0.00	0.00
			156	0.00	-25.23	30.29	59.77	0.00	0.00
114	PRIMO IMPALC ATO	7, 8	0	0.00	13.81	-2.67	0.91	0.00	0.00
			215	0.00	13.81	-0.70	0.91	0.00	0.00
			430	0.00	13.81	1.26	0.91	0.00	0.00
115	PRIMO IMPALC ATO	13, 7	0	0.00	9.05	-90.88	38.66	0.00	0.00
			245	0.00	9.05	3.83	38.66	0.00	0.00
			490	0.00	9.05	98.54	38.66	0.00	0.00
116	PRIMO IMPALC ATO	32, 7	0	0.00	-30.79	4.70	-9.23	0.00	0.00
			78	0.00	-30.79	-2.48	-9.23	0.00	0.00
			156	0.00	-30.79	-9.67	-9.23	0.00	0.00
117	PRIMO IMPALC ATO	8, 9	0	0.00	-1.98	-0.18	0.10	0.00	0.00
			270	0.00	-1.98	0.09	0.10	0.00	0.00
			540	0.00	-1.98	0.36	0.10	0.00	0.00
118	PRIMO IMPALC ATO	14, 8	0	0.00	9.06	-41.21	13.19	0.00	0.00
			245	0.00	9.06	-8.89	13.19	0.00	0.00
			490	0.00	9.06	23.43	13.19	0.00	0.00
119	PRIMO IMPALC ATO	9, 10	0	0.00	11.47	3.01	-4.01	0.00	0.00
			44	0.00	11.47	1.24	-4.01	0.00	0.00
			88	0.00	11.47	-0.53	-4.01	0.00	0.00
120	PRIMO IMPALC ATO	9, 10	0	0.00	2.65	-0.54	-0.79	0.00	0.00
			44	0.00	2.65	-0.89	-0.79	0.00	0.00
			88	0.00	2.65	-1.24	-0.79	0.00	0.00
121	PRIMO IMPALC ATO	9, 10	0	0.00	1.16	-0.26	-0.06	0.00	0.00
			44	0.00	1.16	-0.29	-0.06	0.00	0.00
			88	0.00	1.16	-0.31	-0.06	0.00	0.00
122	PRIMO IMPALC ATO	9, 10	0	0.00	1.16	0.32	-0.07	0.00	0.00
			44	0.00	1.16	0.29	-0.07	0.00	0.00
			88	0.00	1.16	0.26	-0.07	0.00	0.00
123	PRIMO IMPALC ATO	9, 10	0	0.00	2.64	1.24	-0.79	0.00	0.00
			44	0.00	2.64	0.90	-0.79	0.00	0.00
			88	0.00	2.64	0.55	-0.79	0.00	0.00
124	PRIMO IMPALC ATO	9, 10	0	0.00	11.46	0.54	-4.05	0.00	0.00
			44	0.00	11.46	-1.24	-4.05	0.00	0.00
			88	0.00	11.46	-3.03	-4.05	0.00	0.00
125	PRIMO IMPALC ATO	15, 9	0	0.00	10.55	-29.53	11.82	0.00	0.00
			240	0.00	10.55	-1.15	11.82	0.00	0.00

			480	0.00	10.55	27.23	11.82	0.00	0.00
126	PRIMO IMPALC ATO	9, 41	0	0.00	0.87	-39.52	21.62	0.00	0.00
			44	0.00	0.87	-30.06	21.62	0.00	0.00
			88	0.00	0.87	-20.60	21.62	0.00	0.00
127	PRIMO IMPALC ATO	9, 41	0	0.00	11.35	-9.94	10.21	0.00	0.00
			44	0.00	11.35	-5.47	10.21	0.00	0.00
			88	0.00	11.35	-1.00	10.21	0.00	0.00
128	PRIMO IMPALC ATO	9, 41	0	0.00	15.76	0.03	10.87	0.00	0.00
			44	0.00	15.76	4.78	10.87	0.00	0.00
			88	0.00	15.76	9.54	10.87	0.00	0.00
129	PRIMO IMPALC ATO	9, 41	0	0.00	19.39	20.95	29.60	0.00	0.00
			44	0.00	19.39	33.90	29.60	0.00	0.00
			88	0.00	19.39	46.85	29.60	0.00	0.00
130	PRIMO IMPALC ATO	10, 11	0	0.00	-1.98	-0.35	0.10	0.00	0.00
			270	0.00	-1.98	-0.09	0.10	0.00	0.00
			540	0.00	-1.98	0.18	0.10	0.00	0.00
131	PRIMO IMPALC ATO	16, 10	0	0.00	10.55	29.53	-11.82	0.00	0.00
			240	0.00	10.55	1.15	-11.82	0.00	0.00
			480	0.00	10.55	-27.23	-11.82	0.00	0.00
132	PRIMO IMPALC ATO	10, 42	0	0.00	0.87	39.52	-21.67	0.00	0.00
			44	0.00	0.87	30.04	-21.67	0.00	0.00
			88	0.00	0.87	20.56	-21.67	0.00	0.00
133	PRIMO IMPALC ATO	10, 42	0	0.00	11.34	9.96	-10.19	0.00	0.00
			44	0.00	11.34	5.50	-10.19	0.00	0.00
			88	0.00	11.34	1.04	-10.19	0.00	0.00
134	PRIMO IMPALC ATO	10, 42	0	0.00	15.75	0.04	-11.01	0.00	0.00
			44	0.00	15.75	-4.78	-11.01	0.00	0.00
			88	0.00	15.75	-9.60	-11.01	0.00	0.00
135	PRIMO IMPALC ATO	10, 42	0	0.00	19.45	-21.09	-29.36	0.00	0.00
			44	0.00	19.45	-33.93	-29.36	0.00	0.00
			88	0.00	19.45	-46.78	-29.36	0.00	0.00
136	PRIMO IMPALC ATO	11, 12	0	0.00	13.81	-1.26	0.91	0.00	0.00
			215	0.00	13.81	0.70	0.91	0.00	0.00
			430	0.00	13.81	2.67	0.91	0.00	0.00
137	PRIMO IMPALC ATO	17, 11	0	0.00	9.06	41.21	-13.19	0.00	0.00
			245	0.00	9.06	8.89	-13.19	0.00	0.00
			490	0.00	9.06	-23.43	-13.19	0.00	0.00
138	PRIMO IMPALC ATO	18, 12	0	0.00	9.05	90.88	-38.66	0.00	0.00
			245	0.00	9.05	-3.83	-38.66	0.00	0.00
			490	0.00	9.05	-98.54	-38.66	0.00	0.00
139	PRIMO IMPALC ATO	12, 37	0	0.00	-30.79	9.67	-9.23	0.00	0.00
			78	0.00	-30.79	2.48	-9.23	0.00	0.00
			156	0.00	-30.79	-4.70	-9.23	0.00	0.00
140	PRIMO IMPALC ATO	13, 14	0	0.00	3.59	31.70	-15.07	0.00	0.00

			215	0.00	3.59	-0.71	-15.07	0.00	0.00
			430	0.00	3.59	-33.12	-15.07	0.00	0.00
141	PRIMO IMPALC ATO	25, 13	0	0.00	-21.00	-38.10	106.70	0.00	0.00
			78	0.00	-21.00	44.97	106.70	0.00	0.00
			156	0.00	-21.00	128.05	106.70	0.00	0.00
142	PRIMO IMPALC ATO	33, 13	0	0.00	-24.75	25.52	-50.14	0.00	0.00
			78	0.00	-24.75	-13.52	-50.14	0.00	0.00
			156	0.00	-24.75	-52.56	-50.14	0.00	0.00
143	PRIMO IMPALC ATO	14, 15	0	0.00	2.99	26.40	-9.97	0.00	0.00
			270	0.00	2.99	-0.52	-9.97	0.00	0.00
			540	0.00	2.99	-27.44	-9.97	0.00	0.00
144	PRIMO IMPALC ATO	26, 14	0	0.00	-21.35	-32.20	72.39	0.00	0.00
			78	0.00	-21.35	24.16	72.39	0.00	0.00
			156	0.00	-21.35	80.53	72.39	0.00	0.00
145	PRIMO IMPALC ATO	15, 16	0	0.00	6.56	29.29	-11.05	0.00	0.00
			265	0.00	6.56	0.00	-11.05	0.00	0.00
			530	0.00	6.56	-29.29	-11.05	0.00	0.00
146	PRIMO IMPALC ATO	27, 15	0	0.00	-21.50	-21.05	48.81	0.00	0.00
			80	0.00	-21.50	18.17	48.81	0.00	0.00
			161	0.00	-21.50	57.39	48.81	0.00	0.00
147	PRIMO IMPALC ATO	16, 17	0	0.00	2.99	27.44	-9.97	0.00	0.00
			270	0.00	2.99	0.52	-9.97	0.00	0.00
			540	0.00	2.99	-26.40	-9.97	0.00	0.00
148	PRIMO IMPALC ATO	28, 16	0	0.00	-21.50	21.05	-48.81	0.00	0.00
			80	0.00	-21.50	-18.18	-48.81	0.00	0.00
			161	0.00	-21.50	-57.40	-48.81	0.00	0.00
149	PRIMO IMPALC ATO	17, 18	0	0.00	3.59	33.12	-15.07	0.00	0.00
			215	0.00	3.59	0.71	-15.07	0.00	0.00
			430	0.00	3.59	-31.70	-15.07	0.00	0.00
150	PRIMO IMPALC ATO	29, 17	0	0.00	-21.35	32.20	-72.39	0.00	0.00
			78	0.00	-21.35	-24.16	-72.39	0.00	0.00
			156	0.00	-21.35	-80.53	-72.39	0.00	0.00
151	PRIMO IMPALC ATO	30, 18	0	0.00	-21.00	38.10	-106.70	0.00	0.00
			78	0.00	-21.00	-44.98	-106.70	0.00	0.00
			156	0.00	-21.00	-128.05	-106.70	0.00	0.00
152	PRIMO IMPALC ATO	18, 38	0	0.00	-24.75	52.56	-50.14	0.00	0.00
			78	0.00	-24.75	13.52	-50.14	0.00	0.00
			156	0.00	-24.75	-25.52	-50.14	0.00	0.00
153	PRIMO IMPALC ATO	19, 20	0	0.00	-1.90	-13.01	12.18	0.00	0.00
			72	0.00	-1.90	-4.28	12.18	0.00	0.00
			143	0.00	-1.90	4.45	12.18	0.00	0.00
154	PRIMO IMPALC ATO	19, 20	0	0.00	-0.41	4.28	-5.94	0.00	0.00
			72	0.00	-0.41	0.03	-5.94	0.00	0.00
			143	0.00	-0.41	-4.23	-5.94	0.00	0.00
155	PRIMO IMPALC	19, 20	0	0.00	1.14	-4.39	12.54	0.00	0.00

	ATO								
			72	0.00	1.14	4.59	12.54	0.00	0.00
			143	0.00	1.14	13.58	12.54	0.00	0.00
156	PRIMO IMPALC ATO	34, 19	0	0.00	0.83	-6.68	14.72	0.00	0.00
			70	0.00	0.83	3.63	14.72	0.00	0.00
			140	0.00	0.83	13.93	14.72	0.00	0.00
157	PRIMO IMPALC ATO	20, 21	0	0.00	-0.90	-13.64	12.21	0.00	0.00
			71	0.00	-0.90	-4.94	12.21	0.00	0.00
			143	0.00	-0.90	3.76	12.21	0.00	0.00
158	PRIMO IMPALC ATO	20, 21	0	0.00	-0.11	3.55	-3.04	0.00	0.00
			71	0.00	-0.11	1.38	-3.04	0.00	0.00
			143	0.00	-0.11	-0.78	-3.04	0.00	0.00
159	PRIMO IMPALC ATO	20, 21	0	0.00	0.68	-0.79	0.38	0.00	0.00
			71	0.00	0.68	-0.52	0.38	0.00	0.00
			143	0.00	0.68	-0.24	0.38	0.00	0.00
160	PRIMO IMPALC ATO	20, 21	0	0.00	0.86	-0.33	1.67	0.00	0.00
			71	0.00	0.86	0.86	1.67	0.00	0.00
			143	0.00	0.86	2.05	1.67	0.00	0.00
161	PRIMO IMPALC ATO	21, 22	0	0.00	0.11	-2.54	2.57	0.00	0.00
			63	0.00	0.11	-0.93	2.57	0.00	0.00
			125	0.00	0.11	0.67	2.57	0.00	0.00
162	PRIMO IMPALC ATO	21, 22	0	0.00	0.32	0.60	-0.47	0.00	0.00
			63	0.00	0.32	0.31	-0.47	0.00	0.00
			125	0.00	0.32	0.02	-0.47	0.00	0.00
163	PRIMO IMPALC ATO	21, 22	0	0.00	0.32	-0.02	-0.47	0.00	0.00
			63	0.00	0.32	-0.31	-0.47	0.00	0.00
			125	0.00	0.32	-0.60	-0.47	0.00	0.00
164	PRIMO IMPALC ATO	21, 22	0	0.00	0.11	-0.67	2.57	0.00	0.00
			63	0.00	0.11	0.93	2.57	0.00	0.00
			125	0.00	0.11	2.53	2.57	0.00	0.00
165	PRIMO IMPALC ATO	22, 23	0	0.00	0.86	-2.04	1.66	0.00	0.00
			71	0.00	0.86	-0.86	1.66	0.00	0.00
			143	0.00	0.86	0.33	1.66	0.00	0.00
166	PRIMO IMPALC ATO	22, 23	0	0.00	0.68	0.24	0.38	0.00	0.00
			71	0.00	0.68	0.52	0.38	0.00	0.00
			143	0.00	0.68	0.79	0.38	0.00	0.00
167	PRIMO IMPALC ATO	22, 23	0	0.00	-0.11	0.78	-3.04	0.00	0.00
			71	0.00	-0.11	-1.38	-3.04	0.00	0.00
			143	0.00	-0.11	-3.55	-3.04	0.00	0.00
168	PRIMO IMPALC ATO	22, 23	0	0.00	-0.90	-3.76	12.21	0.00	0.00
			71	0.00	-0.90	4.94	12.21	0.00	0.00
			143	0.00	-0.90	13.64	12.21	0.00	0.00
169	PRIMO IMPALC ATO	23, 24	0	0.00	1.14	-13.58	12.54	0.00	0.00
			72	0.00	1.14	-4.59	12.54	0.00	0.00
			143	0.00	1.14	4.39	12.54	0.00	0.00
170	PRIMO	23, 24	0	0.00	-0.41	4.23	-5.94	0.00	0.00

	IMPALC ATO								
			72	0.00	-0.41	-0.03	-5.94	0.00	0.00
			143	0.00	-0.41	-4.28	-5.94	0.00	0.00
171	PRIMO IMPALC ATO	23, 24	0	0.00	-1.90	-4.45	12.18	0.00	0.00
			72	0.00	-1.90	4.28	12.18	0.00	0.00
			143	0.00	-1.90	13.01	12.18	0.00	0.00
172	PRIMO IMPALC ATO	24, 39	0	0.00	0.83	-13.93	14.72	0.00	0.00
			70	0.00	0.83	-3.63	14.72	0.00	0.00
			140	0.00	0.83	6.68	14.72	0.00	0.00
173	PRIMO IMPALC ATO	25, 26	0	0.00	-1.92	11.71	-10.96	0.00	0.00
			72	0.00	-1.92	3.85	-10.96	0.00	0.00
			143	0.00	-1.92	-4.00	-10.96	0.00	0.00
174	PRIMO IMPALC ATO	25, 26	0	0.00	-0.48	-3.85	5.28	0.00	0.00
			72	0.00	-0.48	-0.06	5.28	0.00	0.00
			143	0.00	-0.48	3.73	5.28	0.00	0.00
175	PRIMO IMPALC ATO	25, 26	0	0.00	1.08	3.88	-11.04	0.00	0.00
			72	0.00	1.08	-4.03	-11.04	0.00	0.00
			143	0.00	1.08	-11.94	-11.04	0.00	0.00
176	PRIMO IMPALC ATO	35, 25	0	0.00	0.91	5.99	-13.18	0.00	0.00
			70	0.00	0.91	-3.24	-13.18	0.00	0.00
			140	0.00	0.91	-12.46	-13.18	0.00	0.00
177	PRIMO IMPALC ATO	26, 27	0	0.00	-0.81	11.97	-10.64	0.00	0.00
			71	0.00	-0.81	4.38	-10.64	0.00	0.00
			143	0.00	-0.81	-3.20	-10.64	0.00	0.00
178	PRIMO IMPALC ATO	26, 27	0	0.00	-0.09	-3.00	2.27	0.00	0.00
			71	0.00	-0.09	-1.39	2.27	0.00	0.00
			143	0.00	-0.09	0.23	2.27	0.00	0.00
179	PRIMO IMPALC ATO	26, 27	0	0.00	0.86	0.23	1.23	0.00	0.00
			71	0.00	0.86	1.11	1.23	0.00	0.00
			143	0.00	0.86	1.98	1.23	0.00	0.00
180	PRIMO IMPALC ATO	26, 27	0	0.00	1.28	2.14	-7.66	0.00	0.00
			71	0.00	1.28	-3.32	-7.66	0.00	0.00
			143	0.00	1.28	-8.77	-7.66	0.00	0.00
181	PRIMO IMPALC ATO	27, 28	0	0.00	-0.36	10.37	-10.43	0.00	0.00
			63	0.00	-0.36	3.85	-10.43	0.00	0.00
			125	0.00	-0.36	-2.67	-10.43	0.00	0.00
182	PRIMO IMPALC ATO	27, 28	0	0.00	0.08	-2.53	2.02	0.00	0.00
			63	0.00	0.08	-1.26	2.02	0.00	0.00
			125	0.00	0.08	0.00	2.02	0.00	0.00
183	PRIMO IMPALC ATO	27, 28	0	0.00	0.08	0.00	2.02	0.00	0.00
			63	0.00	0.08	1.26	2.02	0.00	0.00
			125	0.00	0.08	2.53	2.02	0.00	0.00
184	PRIMO IMPALC ATO	27, 28	0	0.00	-0.36	2.67	-10.43	0.00	0.00
			63	0.00	-0.36	-3.85	-10.43	0.00	0.00
			125	0.00	-0.36	-10.37	-10.43	0.00	0.00

185	PRIMO IMPALC ATO	28, 29	0	0.00	1.28	8.77	-7.66	0.00	0.00
			71	0.00	1.28	3.32	-7.66	0.00	0.00
			143	0.00	1.28	-2.14	-7.66	0.00	0.00
186	PRIMO IMPALC ATO	28, 29	0	0.00	0.86	-1.98	1.23	0.00	0.00
			71	0.00	0.86	-1.11	1.23	0.00	0.00
			143	0.00	0.86	-0.23	1.23	0.00	0.00
187	PRIMO IMPALC ATO	28, 29	0	0.00	-0.09	-0.23	2.27	0.00	0.00
			71	0.00	-0.09	1.39	2.27	0.00	0.00
			143	0.00	-0.09	3.00	2.27	0.00	0.00
188	PRIMO IMPALC ATO	28, 29	0	0.00	-0.81	3.20	-10.64	0.00	0.00
			71	0.00	-0.81	-4.38	-10.64	0.00	0.00
			143	0.00	-0.81	-11.97	-10.64	0.00	0.00
189	PRIMO IMPALC ATO	29, 30	0	0.00	1.08	11.94	-11.04	0.00	0.00
			72	0.00	1.08	4.03	-11.04	0.00	0.00
			143	0.00	1.08	-3.88	-11.04	0.00	0.00
190	PRIMO IMPALC ATO	29, 30	0	0.00	-0.48	-3.73	5.28	0.00	0.00
			72	0.00	-0.48	0.06	5.28	0.00	0.00
			143	0.00	-0.48	3.85	5.28	0.00	0.00
191	PRIMO IMPALC ATO	29, 30	0	0.00	-1.92	4.00	-10.96	0.00	0.00
			72	0.00	-1.92	-3.85	-10.96	0.00	0.00
			143	0.00	-1.92	-11.71	-10.96	0.00	0.00
192	PRIMO IMPALC ATO	30, 40	0	0.00	0.91	12.46	-13.18	0.00	0.00
			70	0.00	0.91	3.24	-13.18	0.00	0.00
			140	0.00	0.91	-5.99	-13.18	0.00	0.00
193	PRIMO IMPALC ATO	32, 31	0	0.00	0.13	-14.82	14.28	0.00	0.00
			65	0.00	0.13	-5.54	14.28	0.00	0.00
			130	0.00	0.13	3.74	14.28	0.00	0.00
194	PRIMO IMPALC ATO	32, 31	0	0.00	0.19	3.69	-2.95	0.00	0.00
			65	0.00	0.19	1.77	-2.95	0.00	0.00
			130	0.00	0.19	-0.14	-2.95	0.00	0.00
195	PRIMO IMPALC ATO	32, 31	0	0.00	-0.40	0.02	-2.53	0.00	0.00
			65	0.00	-0.40	-1.62	-2.53	0.00	0.00
			130	0.00	-0.40	-3.27	-2.53	0.00	0.00
196	PRIMO IMPALC ATO	32, 31	0	0.00	-1.43	-3.30	12.81	0.00	0.00
			65	0.00	-1.43	5.03	12.81	0.00	0.00
			130	0.00	-1.43	13.36	12.81	0.00	0.00
197	PRIMO IMPALC ATO	31, 34	0	0.00	0.74	-14.07	15.20	0.00	0.00
			70	0.00	0.74	-3.44	15.20	0.00	0.00
			140	0.00	0.74	7.20	15.20	0.00	0.00
198	PRIMO IMPALC ATO	33, 32	0	0.00	-1.28	-12.87	12.33	0.00	0.00
			65	0.00	-1.28	-4.85	12.33	0.00	0.00
			130	0.00	-1.28	3.16	12.33	0.00	0.00
199	PRIMO IMPALC ATO	33, 32	0	0.00	-0.30	3.14	-2.41	0.00	0.00
			65	0.00	-0.30	1.57	-2.41	0.00	0.00

			130	0.00	-0.30	0.00	-2.41	0.00	0.00
200	PRIMO IMPALC ATO	33, 32	0	0.00	0.46	0.17	-2.95	0.00	0.00
			65	0.00	0.46	-1.75	-2.95	0.00	0.00
			130	0.00	0.46	-3.67	-2.95	0.00	0.00
201	PRIMO IMPALC ATO	33, 32	0	0.00	0.70	-3.71	14.20	0.00	0.00
			65	0.00	0.70	5.52	14.20	0.00	0.00
			130	0.00	0.70	14.75	14.20	0.00	0.00
202	PRIMO IMPALC ATO	35, 33	0	0.00	0.60	-7.03	14.77	0.00	0.00
			70	0.00	0.60	3.31	14.77	0.00	0.00
			140	0.00	0.60	13.65	14.77	0.00	0.00
203	PRIMO IMPALC ATO	37, 36	0	0.00	0.13	14.82	-14.28	0.00	0.00
			65	0.00	0.13	5.54	-14.28	0.00	0.00
			130	0.00	0.13	-3.74	-14.28	0.00	0.00
204	PRIMO IMPALC ATO	37, 36	0	0.00	0.19	-3.69	2.95	0.00	0.00
			65	0.00	0.19	-1.77	2.95	0.00	0.00
			130	0.00	0.19	0.14	2.95	0.00	0.00
205	PRIMO IMPALC ATO	37, 36	0	0.00	-0.40	-0.02	2.53	0.00	0.00
			65	0.00	-0.40	1.62	2.53	0.00	0.00
			130	0.00	-0.40	3.27	2.53	0.00	0.00
206	PRIMO IMPALC ATO	37, 36	0	0.00	-1.43	3.30	-12.81	0.00	0.00
			65	0.00	-1.43	-5.03	-12.81	0.00	0.00
			130	0.00	-1.43	-13.36	-12.81	0.00	0.00
207	PRIMO IMPALC ATO	36, 39	0	0.00	0.74	14.07	-15.20	0.00	0.00
			70	0.00	0.74	3.44	-15.20	0.00	0.00
			140	0.00	0.74	-7.20	-15.20	0.00	0.00
208	PRIMO IMPALC ATO	38, 37	0	0.00	-1.28	12.87	-12.33	0.00	0.00
			65	0.00	-1.28	4.85	-12.33	0.00	0.00
			130	0.00	-1.28	-3.16	-12.33	0.00	0.00
209	PRIMO IMPALC ATO	38, 37	0	0.00	-0.30	-3.14	2.41	0.00	0.00
			65	0.00	-0.30	-1.57	2.41	0.00	0.00
			130	0.00	-0.30	0.00	2.41	0.00	0.00
210	PRIMO IMPALC ATO	38, 37	0	0.00	0.46	-0.17	2.95	0.00	0.00
			65	0.00	0.46	1.75	2.95	0.00	0.00
			130	0.00	0.46	3.67	2.95	0.00	0.00
211	PRIMO IMPALC ATO	38, 37	0	0.00	0.70	3.71	-14.20	0.00	0.00
			65	0.00	0.70	-5.52	-14.20	0.00	0.00
			130	0.00	0.70	-14.75	-14.20	0.00	0.00
212	PRIMO IMPALC ATO	40, 38	0	0.00	0.60	7.03	-14.77	0.00	0.00
			70	0.00	0.60	-3.31	-14.77	0.00	0.00
			140	0.00	0.60	-13.65	-14.77	0.00	0.00
213	PRIMO IMPALC ATO	1	0	5.89	-2.52	-68.60	14.62	-25.62	-7.72
			150	5.89	-2.52	-46.66	14.62	-14.04	-7.72
			300	5.89	-2.52	-24.72	14.62	-2.46	-7.72
214	PRIMO IMPALC ATO	2	0	-6.98	-2.39	-27.66	6.62	-59.83	-21.16

			150	-6.98	-2.39	-17.74	6.62	-28.09	-21.16
			300	-6.98	-2.39	-7.81	6.62	3.65	-21.16
215	PRIMO IMPALC ATO	3	0	19.97	-3.79	18.77	-15.47	18.33	14.80
			150	19.97	-3.79	-4.43	-15.47	-3.86	14.80
			300	19.97	-3.79	-27.63	-15.47	-26.06	14.80
216	PRIMO IMPALC ATO	4	0	-19.96	-3.79	-18.78	15.47	18.34	14.80
			150	-19.96	-3.79	4.43	15.47	-3.86	14.80
			300	-19.96	-3.79	27.63	15.47	-26.06	14.80
217	PRIMO IMPALC ATO	5	0	6.98	-2.39	27.66	-6.62	-59.83	-21.16
			150	6.98	-2.39	17.74	-6.62	-28.09	-21.16
			300	6.98	-2.39	7.81	-6.62	3.65	-21.16
218	PRIMO IMPALC ATO	6	0	-5.89	-2.52	68.60	-14.62	-25.62	-7.72
			150	-5.89	-2.52	46.66	-14.62	-14.04	-7.72
			300	-5.89	-2.52	24.72	-14.62	-2.46	-7.72
219	PRIMO IMPALC ATO	7	0	1.97	-2.67	-114.58	36.24	-6.97	-3.58
			150	1.97	-2.67	-60.22	36.24	-1.59	-3.58
			300	1.97	-2.67	-5.85	36.24	3.79	-3.58
220	PRIMO IMPALC ATO	8	0	2.64	-1.59	28.93	-19.97	0.24	0.09
			150	2.64	-1.59	-1.02	-19.97	0.10	0.09
			300	2.64	-1.59	-30.96	-19.97	-0.03	0.09
221	PRIMO IMPALC ATO	9	0	-59.85	-3.83	-50.32	16.48	-2.16	-1.36
			150	-59.85	-3.83	-25.59	16.48	-0.12	-1.36
			300	-59.85	-3.83	-0.86	16.48	1.91	-1.36
222	PRIMO IMPALC ATO	10	0	59.84	-3.83	50.31	-16.48	-2.16	-1.36
			150	59.84	-3.83	25.59	-16.48	-0.12	-1.36
			300	59.84	-3.83	0.86	-16.48	1.91	-1.36
223	PRIMO IMPALC ATO	11	0	-2.64	-1.59	-28.93	19.97	0.24	0.09
			150	-2.64	-1.59	1.02	19.97	0.10	0.09
			300	-2.64	-1.59	30.96	19.97	-0.03	0.09
224	PRIMO IMPALC ATO	12	0	-1.97	-2.67	114.59	-36.24	-6.97	-3.58
			150	-1.97	-2.67	60.22	-36.24	-1.59	-3.58
			300	-1.97	-2.67	5.85	-36.24	3.79	-3.58
225	PRIMO IMPALC ATO	13	0	-20.51	-2.58	-66.73	13.99	16.74	2.94
			150	-20.51	-2.58	-45.74	13.99	12.32	2.94
			300	-20.51	-2.58	-24.75	13.99	7.90	2.94
226	PRIMO IMPALC ATO	14	0	35.16	-2.40	-28.10	6.51	43.53	12.95
			150	35.16	-2.40	-18.33	6.51	24.10	12.95
			300	35.16	-2.40	-8.57	6.51	4.68	12.95
227	PRIMO IMPALC ATO	15	0	11.54	-2.99	-22.22	8.35	55.11	19.06
			150	11.54	-2.99	-9.69	8.35	26.50	19.06
			300	11.54	-2.99	2.84	8.35	-2.10	19.06
228	PRIMO IMPALC ATO	16	0	-11.54	-2.99	22.22	-8.35	55.11	19.06
			150	-11.54	-2.99	9.69	-8.35	26.50	19.06
			300	-11.54	-2.99	-2.84	-8.35	-2.10	19.06
229	PRIMO IMPALC	17	0	-35.16	-2.40	28.10	-6.51	43.53	12.95

	ATO								
			150	-35.16	-2.40	18.33	-6.51	24.10	12.95
			300	-35.16	-2.40	8.57	-6.51	4.68	12.95
230	PRIMO IMPALC ATO	18	0	20.51	-2.58	66.73	-13.99	16.74	2.94
			150	20.51	-2.58	45.74	-13.99	12.32	2.94
			300	20.51	-2.58	24.75	-13.99	7.90	2.94
231	SECOND O IMPALC ATO	1, 2	0	0.00	-11.23	-119.08	53.62	0.00	0.00
			215	0.00	-11.23	-3.81	53.62	0.00	0.00
			430	0.00	-11.23	111.46	53.62	0.00	0.00
232	SECOND O IMPALC ATO	7, 1	0	0.00	17.88	-183.60	85.44	0.00	0.00
			260	0.00	17.88	38.55	85.44	0.00	0.00
			520	0.00	17.88	260.69	85.44	0.00	0.00
233	SECOND O IMPALC ATO	2, 3	0	0.00	54.76	-34.97	6.76	0.00	0.00
			278	0.00	54.76	-16.20	6.76	0.00	0.00
			555	0.00	54.76	2.57	6.76	0.00	0.00
234	SECOND O IMPALC ATO	3, 4	0	0.00	36.78	-39.00	15.60	0.00	0.00
			250	0.00	36.78	0.00	15.60	0.00	0.00
			500	0.00	36.78	38.99	15.60	0.00	0.00
235	SECOND O IMPALC ATO	41, 3	0	0.00	-44.32	-2.39	8.84	0.00	0.00
			95	0.00	-44.32	6.03	8.84	0.00	0.00
			191	0.00	-44.32	14.45	8.84	0.00	0.00
236	SECOND O IMPALC ATO	4, 5	0	0.00	54.76	-2.57	6.76	0.00	0.00
			278	0.00	54.76	16.20	6.76	0.00	0.00
			555	0.00	54.76	34.97	6.76	0.00	0.00
237	SECOND O IMPALC ATO	42, 4	0	0.00	-44.32	2.39	-8.84	0.00	0.00
			95	0.00	-44.32	-6.03	-8.84	0.00	0.00
			191	0.00	-44.32	-14.45	-8.84	0.00	0.00
238	SECOND O IMPALC ATO	5, 6	0	0.00	-11.23	-111.46	53.62	0.00	0.00
			215	0.00	-11.23	3.81	53.62	0.00	0.00
			430	0.00	-11.23	119.08	53.62	0.00	0.00
239	SECOND O IMPALC ATO	12, 6	0	0.00	17.88	183.60	-85.44	0.00	0.00
			260	0.00	17.88	-38.55	-85.44	0.00	0.00
			520	0.00	17.88	-260.70	-85.44	0.00	0.00
240	SECOND O IMPALC ATO	13, 7	0	0.00	20.58	-268.03	93.32	0.00	0.00
			245	0.00	20.58	-39.40	93.32	0.00	0.00
			490	0.00	20.58	189.22	93.32	0.00	0.00
241	SECOND O IMPALC ATO	9, 10	0	0.00	15.80	-6.40	2.42	0.00	0.00
			265	0.00	15.80	0.00	2.42	0.00	0.00
			530	0.00	15.80	6.40	2.42	0.00	0.00

242	SECOND O IMPALC ATO	15, 9	0	0.00	17.92	-89.60	32.74	0.00	0.00
			240	0.00	17.92	-11.02	32.74	0.00	0.00
			480	0.00	17.92	67.57	32.74	0.00	0.00
243	SECOND O IMPALC ATO	9, 41	0	0.00	17.55	-82.14	51.01	0.00	0.00
			175	0.00	17.55	7.13	51.01	0.00	0.00
			350	0.00	17.55	96.39	51.01	0.00	0.00
244	SECOND O IMPALC ATO	16, 10	0	0.00	17.92	89.61	-32.75	0.00	0.00
			240	0.00	17.92	11.01	-32.75	0.00	0.00
			480	0.00	17.92	-67.58	-32.75	0.00	0.00
245	SECOND O IMPALC ATO	10, 42	0	0.00	17.55	82.14	-51.01	0.00	0.00
			175	0.00	17.55	-7.12	-51.01	0.00	0.00
			350	0.00	17.55	-96.38	-51.01	0.00	0.00
246	SECOND O IMPALC ATO	18, 12	0	0.00	20.58	268.03	-93.32	0.00	0.00
			245	0.00	20.58	39.40	-93.32	0.00	0.00
			490	0.00	20.58	-189.22	-93.32	0.00	0.00
247	SECOND O IMPALC ATO	13, 14	0	0.00	-13.13	93.25	-40.06	0.00	0.00
			215	0.00	-13.13	7.11	-40.06	0.00	0.00
			430	0.00	-13.13	-79.03	-40.06	0.00	0.00
248	SECOND O IMPALC ATO	14, 15	0	0.00	54.24	52.06	-20.91	0.00	0.00
			270	0.00	54.24	-4.40	-20.91	0.00	0.00
			540	0.00	54.24	-60.87	-20.91	0.00	0.00
249	SECOND O IMPALC ATO	15, 16	0	0.00	39.62	72.36	-27.30	0.00	0.00
			265	0.00	39.62	0.00	-27.30	0.00	0.00
			530	0.00	39.62	-72.36	-27.30	0.00	0.00
250	SECOND O IMPALC ATO	16, 17	0	0.00	54.24	60.87	-20.91	0.00	0.00
			270	0.00	54.24	4.40	-20.91	0.00	0.00
			540	0.00	54.24	-52.06	-20.91	0.00	0.00
251	SECOND O IMPALC ATO	17, 18	0	0.00	-13.13	79.03	-40.06	0.00	0.00
			215	0.00	-13.13	-7.11	-40.06	0.00	0.00
			430	0.00	-13.13	-93.25	-40.06	0.00	0.00
252	SECOND O IMPALC ATO	41, 42	0	0.00	27.03	-57.87	21.84	0.00	0.00
			265	0.00	27.03	0.00	21.84	0.00	0.00
			530	0.00	27.03	57.87	21.84	0.00	0.00
253	SECOND O IMPALC ATO	1	0	31.83	-14.42	249.46	-185.41	136.97	94.34
			150	31.83	-14.42	-28.65	-185.41	-4.53	94.34
			300	31.83	-14.42	-306.77	-185.41	-146.04	94.34
254	SECOND O	2	0	46.85	-14.42	66.92	-72.72	144.94	96.84

	IMPALC ATO								
			150	46.85	-14.42	-42.17	-72.72	-0.32	96.84
			300	46.85	-14.42	-151.25	-72.72	-145.59	96.84
255	SECOND O IMPALC ATO	5	0	-46.85	-14.42	-66.92	72.72	144.94	96.84
			150	-46.85	-14.42	42.17	72.72	-0.32	96.84
			300	-46.85	-14.42	151.25	72.72	-145.58	96.84
256	SECOND O IMPALC ATO	6	0	-31.83	-14.42	-249.47	185.41	136.97	94.34
			150	-31.83	-14.42	28.65	185.41	-4.53	94.34
			300	-31.83	-14.42	306.77	185.41	-146.04	94.34
257	SECOND O IMPALC ATO	7	0	7.88	-14.42	372.81	-241.94	2.70	2.27
			150	7.88	-14.42	9.90	-241.94	-0.71	2.27
			300	7.88	-14.42	-353.01	-241.94	-4.12	2.27
258	SECOND O IMPALC ATO	9	0	-20.68	-24.16	165.51	-110.86	6.77	5.59
			150	-20.68	-24.16	-0.78	-110.86	-1.62	5.59
			300	-20.68	-24.16	-167.08	-110.86	-10.01	5.59
259	SECOND O IMPALC ATO	10	0	20.67	-24.16	-165.51	110.87	6.77	5.60
			150	20.67	-24.16	0.79	110.87	-1.62	5.60
			300	20.67	-24.16	167.09	110.87	-10.01	5.60
260	SECOND O IMPALC ATO	12	0	-7.88	-14.42	-372.82	241.94	2.70	2.27
			150	-7.88	-14.42	-9.90	241.94	-0.71	2.27
			300	-7.88	-14.42	353.02	241.94	-4.12	2.27
261	SECOND O IMPALC ATO	13	0	-53.25	-14.42	254.90	-188.39	-113.83	-78.18
			150	-53.25	-14.42	-27.68	-188.39	3.43	-78.18
			300	-53.25	-14.42	-310.26	-188.39	120.70	-78.18
262	SECOND O IMPALC ATO	14	0	-19.15	-14.42	66.88	-72.50	-131.59	-85.74
			150	-19.15	-14.42	-41.87	-72.50	-2.98	-85.74
			300	-19.15	-14.42	-150.63	-72.50	125.62	-85.74
263	SECOND O IMPALC ATO	15	0	-26.35	-24.16	74.42	-61.55	-150.64	-99.93
			150	-26.35	-24.16	-17.91	-61.55	-0.74	-99.93
			300	-26.35	-24.16	-110.24	-61.55	149.16	-99.93
264	SECOND O IMPALC ATO	16	0	26.36	-24.16	-74.43	61.56	-150.64	-99.93
			150	26.36	-24.16	17.91	61.56	-0.74	-99.93
			300	26.36	-24.16	110.25	61.56	149.16	-99.93
265	SECOND O IMPALC ATO	17	0	19.15	-14.42	-66.88	72.50	-131.59	-85.74
			150	19.15	-14.42	41.87	72.50	-2.98	-85.74
			300	19.15	-14.42	150.63	72.50	125.62	-85.74
266	SECOND O IMPALC ATO	18	0	53.25	-14.42	-254.90	188.39	-113.83	-78.18

			150	53.25	-14.42	27.68	188.39	3.43	-78.18
			300	53.25	-14.42	310.26	188.39	120.70	-78.18
267	SECOND O IMPALC ATO	41	0	20.34	-24.16	122.33	-87.39	119.79	80.31
			150	20.34	-24.16	-8.76	-87.39	-0.67	80.31
			300	20.34	-24.16	-139.84	-87.39	-121.13	80.31
268	SECOND O IMPALC ATO	42	0	-20.33	-24.16	-122.32	87.37	119.79	80.29
			150	-20.33	-24.16	8.74	87.37	-0.66	80.29
			300	-20.33	-24.16	139.80	87.37	-121.10	80.29

2.1.5.3 Pareti SLV

Tabella 19.I

Parete	Impalcato	Fili	N1-1 [daN/cm]	N2-2 [daN/cm]	N1-2 [daN/cm]	M1-1 [daNcm/cm]	M2-2 [daNcm/cm]	M1-2 [daNcm/cm]	T1-3 [daN/cm]	T2-3 [daN/cm]
1	PRIMO IMPALCA TO	19-20	0.106	0.708	-0.863	3.296	-10.499	5.416	-0.121	0.308
2	PRIMO IMPALCA TO	34-19	-0.115	0.708	-0.612	-4.410	-10.499	4.481	-0.457	0.258
3	PRIMO IMPALCA TO	20-21	0.079	0.526	-0.686	2.541	-9.467	-2.740	-0.151	0.308
4	PRIMO IMPALCA TO	21-22	-0.035	0.103	-0.411	-0.862	-3.163	-2.307	-0.051	0.116
5	PRIMO IMPALCA TO	22-23	-0.079	-0.526	-0.686	-2.541	9.467	-2.740	-0.151	-0.308
6	PRIMO IMPALCA TO	23-24	-0.106	-0.708	-0.863	-3.296	10.500	5.416	-0.121	-0.308
7	PRIMO IMPALCA TO	24-39	0.115	-0.708	-0.612	4.410	10.500	4.481	-0.457	-0.258
8	PRIMO IMPALCA TO	25-26	-0.110	-0.732	0.878	3.287	-10.974	5.393	-0.132	0.292
9	PRIMO IMPALCA TO	35-25	-0.110	-0.732	0.588	-4.148	-10.974	4.548	-0.466	0.292
10	PRIMO IMPALCA TO	26-27	-0.077	-0.510	0.665	2.534	-8.821	-3.655	-0.141	0.287
11	PRIMO IMPALCA TO	27-28	0.047	0.316	0.535	2.026	7.028	-2.716	-0.108	-0.239
12	PRIMO IMPALCA TO	28-29	0.077	0.510	0.665	-2.534	8.821	-3.655	-0.141	-0.287
13	PRIMO IMPALCA TO	29-30	0.110	0.732	0.878	-3.287	10.974	5.393	-0.132	-0.292
14	PRIMO IMPALCA TO	30-40	0.110	0.732	0.588	4.148	10.974	4.548	-0.466	-0.292
15	PRIMO IMPALCA TO	32-31	0.502	0.401	-1.205	-3.781	9.312	3.939	-0.129	-0.237
16	PRIMO IMPALCA TO	31-34	0.556	0.409	-0.793	-3.852	9.312	3.811	-0.079	-0.237
17	PRIMO IMPALCA TO	33-32	-0.515	-0.422	-1.160	3.737	-8.163	3.670	-0.104	0.188

18	PRIMO IMPALCATO	35-33	-0.565	-0.429	-0.789	3.821	-8.163	3.610	-0.071	0.188
19	PRIMO IMPALCATO	37-36	-0.502	-0.401	1.205	-3.781	9.312	3.939	-0.129	-0.237
20	PRIMO IMPALCATO	36-39	-0.556	-0.409	0.793	-3.852	9.312	3.811	-0.079	-0.237
21	PRIMO IMPALCATO	38-37	0.515	0.422	1.160	3.737	-8.163	3.670	-0.104	0.188
22	PRIMO IMPALCATO	40-38	0.565	0.429	0.789	3.821	-8.163	3.610	-0.071	0.188

2.1.5.4 Piastre SLV

Tabella 20.I

Piastra	Impalcato	Fili	N1-1 [daN/cm]	N2-2 [daN/cm]	N1-2 [daN/cm]	M1-1 [daNcm/cm]	M2-2 [daNcm/cm]	M1-2 [daNcm/cm]	T1-3 [daN/cm]	T2-3 [daN/cm]
1	PRIMO IMPALCATO	9, 41, 3, 4, 42, 10	0.000	0.000	0.000	-56.002	50.845	19.390	-1.252	1.603

2.1.6 Risultati Condizioni (Sisma X).

2.1.6.1 Cinematismi nodali SLV

Tabella 21.I

Cinematismi nodali						
Nodo	Vx [cm]	Vy [cm]	Vz [cm]	Rx [rad]	Ry [rad]	Rz [rad]
1	0.0020	0.0001	0.0268	-0.000089	-0.000153	0.000002
2	0.0021	-0.0005	-0.0137	0.000016	-0.000010	0.000001
3	0.0027	-0.0008	0.0224	-0.000050	-0.000057	0.000001
4	0.0027	0.0008	-0.0224	0.000050	-0.000057	0.000000
5	0.0021	0.0005	0.0137	-0.000016	-0.000010	0.000001
6	0.0020	-0.0001	-0.0268	0.000089	-0.000153	0.000002
7	0.0009	0.0000	-0.0102	0.000001	-0.000040	0.000004
8	0.0010	-0.0005	-0.0021	0.000002	-0.000001	0.000003
9	0.0007	-0.0004	0.0266	0.000007	-0.000034	0.000003
10	0.0007	0.0004	-0.0266	-0.000007	-0.000034	0.000003
11	0.0010	0.0005	0.0021	-0.000002	-0.000001	0.000003
12	0.0009	0.0001	0.0102	-0.000001	-0.000040	0.000004
13	-0.0047	-0.0001	0.0262	0.000087	-0.000139	0.000008
14	-0.0048	-0.0005	-0.0094	-0.000015	-0.000030	0.000004
15	-0.0050	-0.0004	0.0063	-0.000022	-0.000011	0.000004
16	-0.0050	0.0004	-0.0063	0.000022	-0.000011	0.000004
17	-0.0048	0.0005	0.0094	0.000015	-0.000030	0.000004
18	-0.0047	0.0001	-0.0262	-0.000087	-0.000139	0.000008
19	0.2828	-0.0354	0.0579	0.000043	-0.000063	0.000118
20	0.2867	-0.0228	0.0312	0.000062	-0.000052	-0.000077
21	0.2903	0.0000	0.0079	0.000013	-0.000033	-0.000006
22	0.2903	0.0000	-0.0079	-0.000013	-0.000033	-0.000006
23	0.2867	0.0228	-0.0312	-0.000062	-0.000052	-0.000077
24	0.2828	0.0354	-0.0579	-0.000043	-0.000063	0.000118
25	0.2878	0.0288	0.0572	-0.000050	-0.000062	-0.000139
26	0.2917	0.0220	0.0311	-0.000075	-0.000051	0.000073
27	0.2952	-0.0009	0.0079	-0.000026	-0.000033	0.000005
28	0.2952	0.0009	-0.0079	0.000026	-0.000033	0.000005
29	0.2917	-0.0220	-0.0311	0.000075	-0.000051	0.000073
30	0.2878	-0.0288	-0.0572	0.000050	-0.000062	-0.000139
31	0.2129	-0.0021	0.0673	-0.000022	-0.000321	0.000549
32	0.0402	-0.0048	0.0622	0.000000	-0.000725	0.000000
33	0.2156	-0.0075	0.0667	0.000021	-0.000322	-0.000563
34	0.2815	-0.0016	0.0704	-0.000013	-0.000149	0.000384

35	0.2865	-0.0079	0.0696	0.000010	-0.000148	-0.000404
36	0.2129	0.0021	-0.0673	0.000022	-0.000321	0.000549
37	0.0402	0.0048	-0.0622	0.000000	-0.000725	0.000000
38	0.2156	0.0075	-0.0667	-0.000021	-0.000322	-0.000563
39	0.2815	0.0017	-0.0704	0.000013	-0.000149	0.000384
40	0.2865	0.0079	-0.0696	-0.000010	-0.000148	-0.000404
41	0.3108	-0.0046	0.0283	0.000001	-0.002073	-0.000004
42	0.3108	-0.0030	-0.0106	-0.000053	-0.002422	-0.000004
43	0.3109	-0.0010	0.0250	0.000308	-0.000783	-0.000004
44	0.3109	0.0010	-0.0250	-0.000307	-0.000783	-0.000004
45	0.3108	0.0030	0.0106	0.000053	-0.002422	-0.000004
46	0.3108	0.0046	-0.0283	-0.000001	-0.002073	-0.000004
47	0.3128	-0.0046	-0.0119	0.000046	-0.002082	-0.000004
48	0.3128	-0.0030	-0.0024	-0.000003	-0.000625	-0.000004
49	0.3128	-0.0010	0.0312	-0.000146	-0.002298	-0.000004
50	0.3128	0.0010	-0.0312	0.000147	-0.002298	-0.000004
51	0.3128	0.0030	0.0024	0.000003	-0.000625	-0.000004
52	0.3128	0.0046	0.0119	-0.000046	-0.002082	-0.000004
53	0.3146	-0.0046	0.0276	0.000003	-0.002068	-0.000004
54	0.3146	-0.0030	-0.0053	0.000061	-0.002372	-0.000004
55	0.3146	-0.0010	0.0020	0.000080	-0.002741	-0.000004
56	0.3146	0.0010	-0.0020	-0.000080	-0.002741	-0.000004
57	0.3146	0.0030	0.0053	-0.000061	-0.002372	-0.000004
58	0.3146	0.0046	-0.0276	-0.000003	-0.002068	-0.000004
59	0.3103	-0.0046	0.0590	-0.000004	-0.000705	-0.000004
60	0.3103	-0.0030	0.0312	-0.000024	-0.000846	-0.000004
61	0.3103	-0.0009	0.0077	-0.000039	-0.000253	-0.000004
62	0.3103	0.0009	-0.0078	0.000039	-0.000253	-0.000004
63	0.3103	0.0030	-0.0312	0.000024	-0.000846	-0.000004
64	0.3103	0.0046	-0.0590	0.000004	-0.000705	-0.000004
65	0.3151	-0.0046	0.0583	-0.000002	-0.000703	-0.000004
66	0.3151	-0.0030	0.0311	-0.000010	-0.000827	-0.000004
67	0.3151	-0.0009	0.0078	0.000138	-0.000869	-0.000004
68	0.3151	0.0009	-0.0078	-0.000138	-0.000869	-0.000004
69	0.3151	0.0030	-0.0311	0.000010	-0.000827	-0.000004
70	0.3151	0.0046	-0.0583	0.000002	-0.000703	-0.000004
71	0.3108	-0.0051	0.0690	0.000066	0.000017	-0.000004
72	0.3127	-0.0051	0.0639	0.000098	-0.000510	-0.000004
73	0.3146	-0.0051	0.0684	-0.000065	0.000013	-0.000004
74	0.3103	-0.0051	0.0705	0.000001	-0.000087	-0.000004
75	0.3151	-0.0051	0.0696	-0.000004	-0.000087	-0.000004
76	0.3108	0.0051	-0.0690	-0.000066	0.000017	-0.000004
77	0.3127	0.0051	-0.0639	-0.000098	-0.000510	-0.000004
78	0.3146	0.0051	-0.0684	0.000065	0.000013	-0.000004
79	0.3103	0.0051	-0.0705	-0.000001	-0.000087	-0.000004
80	0.3151	0.0051	-0.0696	0.000004	-0.000087	-0.000004
81	0.3115	-0.0010	0.1294	0.000257	-0.002584	-0.000004
82	0.3115	0.0010	-0.1295	-0.000258	-0.002584	-0.000004
83	2.2812	0.0136	0.0320	-0.000016	-0.003724	0.000011
84	2.2812	0.0089	-0.0132	0.000049	-0.001630	0.000011
85	2.2814	0.0027	0.0686	0.000190	-0.000655	0.000011
86	2.2814	-0.0028	-0.0687	-0.000190	-0.000655	0.000011
87	2.2812	-0.0089	0.0132	-0.000049	-0.001630	0.000011
88	2.2812	-0.0137	-0.0320	0.000016	-0.003724	0.000011
89	2.2755	0.0136	-0.0118	0.000010	-0.006690	0.000011
90	2.2754	0.0029	0.0341	-0.000092	-0.003686	0.000011
91	2.2754	-0.0030	-0.0341	0.000092	-0.003686	0.000011
92	2.2755	-0.0137	0.0118	-0.000010	-0.006690	0.000011
93	2.2701	0.0136	0.0311	0.000095	-0.003785	0.000011
94	2.2701	0.0089	-0.0071	0.000015	-0.001327	0.000011
95	2.2701	0.0029	0.0025	-0.000030	-0.002621	0.000011
96	2.2701	-0.0030	-0.0025	0.000030	-0.002621	0.000011
97	2.2701	-0.0089	0.0071	-0.000016	-0.001327	0.000011
98	2.2701	-0.0137	-0.0311	-0.000095	-0.003785	0.000011
99	2.2793	0.0029	0.1306	-0.000045	-0.003295	0.000011
100	2.2793	-0.0030	-0.1306	0.000045	-0.003295	0.000011
101	0.3103	-0.0041	0.0483	0.000147	0.000048	-0.000004
102	0.3103	-0.0036	0.0398	0.000101	0.000108	-0.000004
103	0.2841	-0.0413	0.0482	0.000068	-0.000067	-0.000021
104	0.2854	-0.0339	0.0392	0.000073	-0.000059	-0.000073
105	0.2970	-0.0181	0.0587	0.000180	0.000000	0.000108
106	0.2984	-0.0100	0.0313	0.000111	0.000000	-0.000051

107	0.2975	-0.0041	0.0705	-0.000013	-0.000082	0.000084
108	0.3103	-0.0025	0.0240	0.000005	0.000167	-0.000004
109	0.3103	-0.0020	0.0183	0.000009	-0.000107	-0.000004
110	0.3103	-0.0014	0.0129	-0.000017	0.000034	-0.000004
111	0.2879	-0.0128	0.0243	0.000052	-0.000045	-0.000060
112	0.2889	-0.0058	0.0182	0.000034	-0.000040	-0.000038
113	0.2897	-0.0018	0.0128	0.000023	-0.000036	-0.000019
114	0.3001	0.0014	0.0078	0.000007	0.000000	-0.000002
115	0.3103	-0.0005	0.0037	-0.000016	0.000031	-0.000004
116	0.3103	0.0000	0.0000	0.000000	-0.000060	-0.000004
117	0.3103	0.0005	-0.0037	0.000016	0.000031	-0.000004
118	0.2906	0.0003	0.0039	0.000007	-0.000031	0.000001
119	0.2908	0.0000	0.0000	0.000000	-0.000031	0.000003
120	0.2906	-0.0003	-0.0039	-0.000007	-0.000031	0.000001
121	0.3001	-0.0014	-0.0079	-0.000007	0.000000	-0.000002
122	0.3103	0.0015	-0.0129	0.000017	0.000034	-0.000004
123	0.3103	0.0020	-0.0183	-0.000009	-0.000107	-0.000004
124	0.3103	0.0025	-0.0240	-0.000005	0.000167	-0.000004
125	0.2897	0.0018	-0.0128	-0.000023	-0.000036	-0.000019
126	0.2889	0.0058	-0.0182	-0.000034	-0.000040	-0.000038
127	0.2879	0.0128	-0.0243	-0.000052	-0.000045	-0.000060
128	0.2984	0.0100	-0.0313	-0.000111	0.000000	-0.000051
129	0.3103	0.0036	-0.0398	-0.000101	0.000108	-0.000004
130	0.3103	0.0041	-0.0483	-0.000147	0.000048	-0.000004
131	0.2854	0.0339	-0.0392	-0.000073	-0.000059	-0.000073
132	0.2841	0.0413	-0.0482	-0.000068	-0.000067	-0.000021
133	0.2970	0.0181	-0.0587	-0.000180	0.000000	0.000108
134	0.2975	0.0041	-0.0705	0.000013	-0.000082	0.000084
135	0.3151	-0.0041	0.0478	-0.000162	0.000050	-0.000004
136	0.3151	-0.0036	0.0395	-0.000125	0.000105	-0.000004
137	0.2891	0.0374	0.0478	-0.000078	-0.000066	0.000004
138	0.2904	0.0320	0.0389	-0.000084	-0.000058	0.000063
139	0.3020	0.0101	0.0581	-0.000191	0.000000	-0.000123
140	0.3033	0.0073	0.0312	-0.000123	0.000000	0.000046
141	0.3024	-0.0058	0.0697	0.000011	-0.000082	-0.000098
142	0.3151	-0.0025	0.0240	-0.000024	0.000173	-0.000004
143	0.3151	-0.0020	0.0183	-0.000021	-0.000146	-0.000004
144	0.3151	-0.0014	0.0132	0.000040	0.000195	-0.000004
145	0.2928	0.0124	0.0242	-0.000065	-0.000045	0.000060
146	0.2938	0.0052	0.0182	-0.000050	-0.000040	0.000040
147	0.2946	0.0008	0.0128	-0.000042	-0.000036	0.000021
148	0.3049	-0.0067	0.0079	-0.000054	0.000000	-0.000003
149	0.3151	-0.0005	0.0034	0.000048	0.000203	-0.000004
150	0.3151	0.0000	0.0000	0.000000	-0.000140	-0.000004
151	0.3151	0.0005	-0.0034	-0.000048	0.000203	-0.000004
152	0.2955	-0.0009	0.0038	-0.000018	-0.000031	-0.000005
153	0.2956	0.0000	0.0000	0.000000	-0.000030	-0.000009
154	0.2955	0.0009	-0.0038	0.000018	-0.000031	-0.000005
155	0.3049	0.0067	-0.0079	0.000054	0.000000	-0.000003
156	0.3151	0.0015	-0.0132	-0.000040	0.000195	-0.000004
157	0.3151	0.0020	-0.0183	0.000021	-0.000146	-0.000004
158	0.3151	0.0025	-0.0240	0.000024	0.000173	-0.000004
159	0.2946	-0.0008	-0.0128	0.000042	-0.000036	0.000021
160	0.2938	-0.0052	-0.0182	0.000050	-0.000040	0.000040
161	0.2928	-0.0124	-0.0242	0.000065	-0.000045	0.000060
162	0.3033	-0.0073	-0.0312	0.000123	0.000000	0.000046
163	0.3151	0.0036	-0.0395	0.000125	0.000105	-0.000004
164	0.3151	0.0041	-0.0478	0.000162	0.000050	-0.000004
165	0.2904	-0.0320	-0.0389	0.000084	-0.000058	0.000063
166	0.2891	-0.0374	-0.0478	0.000078	-0.000066	0.000004
167	0.3020	-0.0101	-0.0581	0.000191	0.000000	-0.000123
168	0.3024	0.0058	-0.0697	-0.000011	-0.000082	-0.000098
169	0.3122	-0.0051	0.0630	-0.000025	-0.000814	-0.000004
170	0.3117	-0.0051	0.0640	0.000002	-0.000833	-0.000004
171	0.3113	-0.0051	0.0657	-0.000045	-0.000473	-0.000004
172	0.0523	-0.0041	0.0626	-0.000005	-0.000711	0.000183
173	0.0876	-0.0033	0.0635	-0.000010	-0.000616	0.000357
174	0.1438	-0.0026	0.0650	-0.000014	-0.000497	0.000498
175	0.1828	-0.0050	0.0628	0.000000	-0.001188	-0.000002
176	0.2736	-0.0039	0.0679	0.000000	-0.000492	0.000277
177	0.3141	-0.0051	0.0653	0.000040	-0.000480	-0.000004
178	0.3137	-0.0051	0.0637	0.000010	-0.000840	-0.000004

179	0.3132	-0.0051	0.0630	-0.000028	-0.000818	-0.000004
180	0.1450	-0.0070	0.0646	0.000013	-0.000499	-0.000506
181	0.0880	-0.0063	0.0632	0.000009	-0.000617	-0.000361
182	0.0525	-0.0056	0.0624	0.000004	-0.000712	-0.000185
183	0.2767	-0.0060	0.0673	0.000000	-0.000498	-0.000289
184	0.3122	0.0051	-0.0630	0.000025	-0.000814	-0.000004
185	0.3117	0.0051	-0.0640	-0.000002	-0.000833	-0.000004
186	0.3113	0.0051	-0.0657	0.000045	-0.000473	-0.000004
187	0.0523	0.0041	-0.0626	0.000005	-0.000711	0.000183
188	0.0876	0.0033	-0.0635	0.000010	-0.000616	0.000357
189	0.1438	0.0026	-0.0650	0.000014	-0.000497	0.000498
190	0.1828	0.0050	-0.0628	0.000000	-0.001188	-0.000002
191	0.2736	0.0039	-0.0679	0.000000	-0.000492	0.000277
192	0.3141	0.0051	-0.0653	-0.000040	-0.000480	-0.000004
193	0.3137	0.0051	-0.0637	-0.000010	-0.000840	-0.000004
194	0.3132	0.0051	-0.0630	0.000028	-0.000818	-0.000004
195	0.1450	0.0070	-0.0646	-0.000013	-0.000499	-0.000506
196	0.0880	0.0063	-0.0632	-0.000009	-0.000617	-0.000361
197	0.0525	0.0056	-0.0624	-0.000004	-0.000712	-0.000185
198	0.2767	0.0060	-0.0673	0.000000	-0.000498	-0.000289
199	0.3125	-0.0010	0.0550	-0.000397	-0.001275	-0.000004
200	0.3121	-0.0010	0.0909	-0.000415	-0.001181	-0.000004
201	0.3118	-0.0010	0.1237	-0.000301	-0.001508	-0.000004
202	0.3112	-0.0010	0.0777	0.000846	-0.001284	-0.000004
203	0.3109	-0.0007	-0.0216	0.000311	-0.000309	-0.000004
204	0.3109	-0.0003	-0.0272	0.000095	0.000173	-0.000004
205	0.3109	0.0000	0.0001	0.000000	0.000403	-0.000004
206	0.3109	0.0003	0.0272	-0.000096	0.000172	-0.000004
207	0.3109	0.0007	0.0216	-0.000313	-0.000308	-0.000004
208	0.3112	0.0010	-0.0777	-0.000846	-0.001285	-0.000004
209	0.3118	0.0010	-0.1238	0.000302	-0.001508	-0.000004
210	0.3121	0.0010	-0.0909	0.000415	-0.001182	-0.000004
211	0.3125	0.0010	-0.0550	0.000397	-0.001276	-0.000004
212	0.3128	0.0007	0.0735	0.000556	-0.000216	-0.000004
213	0.3128	0.0003	0.0583	0.000309	0.000508	-0.000004
214	0.3128	0.0000	0.0000	0.000000	0.000753	-0.000004
215	0.3128	-0.0003	-0.0583	-0.000311	0.000508	-0.000004
216	0.3128	-0.0007	-0.0735	-0.000557	-0.000216	-0.000004
217	0.2978	-0.0196	0.0394	0.000115	0.000000	-0.000082
218	0.2973	-0.0257	0.0484	0.000140	0.000000	-0.000005
219	0.2998	0.0000	0.0128	-0.000001	0.000000	-0.000017
220	0.2995	-0.0031	0.0182	0.000005	0.000000	-0.000025
221	0.2990	-0.0057	0.0243	0.000040	0.000000	-0.000012
222	0.3003	-0.0008	-0.0038	0.000001	0.000000	0.000010
223	0.3004	0.0000	0.0000	0.000000	0.000000	0.000004
224	0.3003	0.0008	0.0038	-0.000001	0.000000	0.000010
225	0.2990	0.0057	-0.0243	-0.000040	0.000000	-0.000012
226	0.2995	0.0031	-0.0182	-0.000005	0.000000	-0.000025
227	0.2998	0.0000	-0.0128	0.000001	0.000000	-0.000017
228	0.2973	0.0257	-0.0484	-0.000140	0.000000	-0.000005
229	0.2978	0.0196	-0.0394	-0.000115	0.000000	-0.000082
230	0.3027	0.0157	0.0391	-0.000132	0.000000	0.000069
231	0.3022	0.0199	0.0479	-0.000157	0.000000	-0.000009
232	0.3047	-0.0037	0.0129	-0.000014	0.000000	0.000042
233	0.3044	0.0007	0.0183	-0.000013	0.000000	0.000020
234	0.3039	0.0032	0.0242	-0.000054	0.000000	0.000014
235	0.3052	0.0035	-0.0038	0.000012	0.000000	-0.000045
236	0.3053	0.0000	0.0000	0.000000	0.000000	-0.000011
237	0.3052	-0.0035	0.0038	-0.000012	0.000000	-0.000045
238	0.3039	-0.0032	-0.0242	0.000054	0.000000	0.000014
239	0.3044	-0.0007	-0.0183	0.000013	0.000000	0.000020
240	0.3047	0.0037	-0.0129	0.000014	0.000000	0.000042
241	0.3022	-0.0199	-0.0479	0.000157	0.000000	-0.000009
242	0.3027	-0.0156	-0.0391	0.000132	0.000000	0.000069
243	0.2294	-0.0040	0.0656	0.000000	-0.000630	0.000394
244	0.1908	-0.0043	0.0638	0.000000	-0.000768	0.000203
245	0.1797	-0.0047	0.0630	0.000000	-0.000966	-0.000034
246	0.1801	-0.0052	0.0629	0.000000	-0.000969	0.000030
247	0.1918	-0.0057	0.0636	0.000000	-0.000774	-0.000208
248	0.2313	-0.0060	0.0652	0.000000	-0.000636	-0.000402
249	0.2294	0.0040	-0.0656	0.000000	-0.000630	0.000394
250	0.1908	0.0043	-0.0638	0.000000	-0.000768	0.000203

251	0.1797	0.0047	-0.0630	0.000000	-0.000966	-0.000034
252	0.1801	0.0052	-0.0629	0.000000	-0.000969	0.000030
253	0.1918	0.0057	-0.0636	0.000000	-0.000774	-0.000208
254	0.2313	0.0060	-0.0652	0.000000	-0.000636	-0.000402
255	0.3125	0.0007	0.0255	0.000511	-0.000497	-0.000004
256	0.3121	0.0007	-0.0104	0.000305	-0.000632	-0.000004
257	0.3118	0.0007	-0.0201	-0.000072	-0.000769	-0.000004
258	0.3115	0.0007	-0.0052	-0.000190	-0.000388	-0.000004
259	0.3112	0.0007	0.0045	-0.000123	-0.000553	-0.000004
260	0.3112	0.0003	0.0198	-0.000083	0.000170	-0.000004
261	0.3112	0.0000	0.0000	0.000000	0.000276	-0.000004
262	0.3112	-0.0003	-0.0198	0.000084	0.000171	-0.000004
263	0.3112	-0.0007	-0.0049	0.000125	-0.000547	-0.000004
264	0.3125	0.0003	0.0341	0.000262	0.000281	-0.000004
265	0.3121	0.0003	0.0168	0.000136	0.000025	-0.000004
266	0.3118	0.0003	0.0108	0.000007	0.000038	-0.000004
267	0.3115	0.0003	0.0122	-0.000064	-0.000001	-0.000004
268	0.3115	0.0000	0.0000	0.000000	0.000257	-0.000004
269	0.3115	-0.0003	-0.0123	0.000064	0.000000	-0.000004
270	0.3115	-0.0007	0.0049	0.000192	-0.000384	-0.000004
271	0.3125	0.0000	0.0000	0.000000	0.000489	-0.000004
272	0.3121	0.0000	0.0000	0.000000	0.000332	-0.000004
273	0.3118	0.0000	0.0000	0.000000	0.000200	-0.000004
274	0.3118	-0.0003	-0.0108	-0.000005	0.000038	-0.000004
275	0.3118	-0.0007	0.0201	0.000081	-0.000773	-0.000004
276	0.3125	-0.0003	-0.0340	-0.000262	0.000279	-0.000004
277	0.3121	-0.0003	-0.0166	-0.000133	0.000022	-0.000004
278	0.3121	-0.0007	0.0109	-0.000301	-0.000634	-0.000004
279	0.3125	-0.0007	-0.0250	-0.000511	-0.000498	-0.000004

2.1.6.2 Sollecitazioni SLV

Tabella 22.I

Asta	Imp.	Fili	X [cm]	Sollecitazioni					
				N [daN]	Mt [daNm]	Mxz [daNm]	Txz [daN]	Mxy [daNm]	Txy [daN]
1	FONDAZIONE	1, 2	0	54.96	104.10	35.58	143.65	-4.13	-2.19
			218	66.37	104.07	142.95	10.82	0.23	-1.57
			435	78.17	104.07	248.13	112.58	1.70	0.46
2	FONDAZIONE	7, 1	0	41.85	-92.19	225.76	-105.70	-22.71	-12.64
			260	41.68	-92.22	91.49	-25.40	-0.32	-3.89
			520	41.86	-92.28	-146.01	-214.85	-5.10	8.06
3	FONDAZIONE	2, 3	0	199.40	-51.44	451.37	-237.66	-9.00	-5.30
			268	215.18	-51.44	-2.39	-147.26	0.40	-1.54
			535	232.84	-51.45	-677.77	-396.41	-1.41	3.05
4	FONDAZIONE	8, 2	0	6.12	-7.23	-21.37	-28.63	-14.23	-10.28
			260	3.03	-7.23	-46.81	16.28	1.54	-1.21
			520	-0.03	-7.24	144.85	149.78	-11.04	11.50
5	FONDAZIONE	3, 4	0	-18.32	79.88	-198.14	185.16	-34.90	-15.37
			265	0.01	79.87	0.01	20.51	0.00	-11.92
			530	18.34	79.88	198.06	185.09	34.88	-15.35
6	FONDAZIONE	9, 3	0	-131.37	-18.52	-331.81	346.37	3.22	-2.47
			260	-134.93	-18.53	152.83	50.73	0.32	5.90
			520	-139.62	-18.56	-11.24	-191.53	-34.00	21.54
7	FONDAZIONE	4, 5	0	-232.85	-51.42	677.73	-396.37	1.38	3.03
			268	-215.19	-51.41	2.41	-147.26	-0.40	-1.55
			535	-199.42	-51.41	-451.35	-237.66	9.02	-5.31
8	FONDAZIONE	10, 4	0	131.29	-18.52	331.78	-346.35	3.24	-2.47
			260	134.83	-18.54	-152.79	-50.71	0.32	5.91
			520	139.50	-18.56	11.32	191.53	-34.02	21.54
9	FONDAZIONE	5, 6	0	-78.17	104.07	-248.12	112.57	-1.70	0.46
			218	-66.37	104.08	-142.95	10.82	-0.23	-1.57

			435	-54.96	104.10	-35.58	143.65	4.14	-2.20
10	FONDAZ IONE	11, 5	0	-6.12	-7.23	21.37	28.63	-14.21	-10.27
			260	-3.03	-7.24	46.81	-16.28	1.54	-1.21
			520	0.03	-7.24	-144.83	-149.77	-11.06	11.51
11	FONDAZ IONE	12, 6	0	-41.85	-92.19	-225.75	105.69	-22.70	-12.64
			260	-41.68	-92.22	-91.49	25.40	-0.32	-3.89
			520	-41.86	-92.28	146.00	214.85	-5.11	8.06
12	FONDAZ IONE	7, 8	0	41.44	1.27	353.22	-218.82	-38.67	-17.89
			215	46.68	1.27	10.91	-104.47	-1.65	-16.33
			430	52.19	1.27	-154.21	-58.42	31.58	-14.46
13	FONDAZ IONE	13, 7	0	28.69	87.21	-171.46	224.77	67.76	44.23
			240	28.08	87.17	93.76	46.96	-9.75	23.63
			480	27.67	87.14	258.88	117.40	-62.01	22.64
14	FONDAZ IONE	8, 9	0	-116.73	4.36	218.40	-60.33	-35.68	-15.73
			270	-110.05	4.36	46.90	-98.22	1.52	-11.94
			540	-104.35	4.36	-574.06	-400.19	30.88	-9.82
15	FONDAZ IONE	14, 8	0	11.43	24.88	83.69	-98.39	97.57	55.17
			245	8.29	24.87	-37.31	-13.13	-6.11	32.81
			490	5.21	24.87	-23.35	20.11	-81.83	32.04
16	FONDAZ IONE	9, 10	0	-5.05	-11.32	-408.14	291.46	-51.41	-21.05
			265	0.00	-11.32	0.00	81.11	0.00	-18.35
			530	5.06	-11.32	408.13	291.46	51.40	-21.03
17	FONDAZ IONE	15, 9	0	-5.70	-19.95	31.75	62.42	99.11	57.11
			240	-8.34	-19.95	52.61	-64.84	-6.38	34.03
			480	-11.04	-19.96	-406.75	-343.47	-81.75	31.70
18	FONDAZ IONE	10, 11	0	104.35	4.36	574.07	-400.19	-30.92	-9.85
			270	110.05	4.36	-46.90	-98.22	-1.52	-11.95
			540	116.73	4.36	-218.40	-60.33	35.70	-15.74
19	FONDAZ IONE	16, 10	0	5.65	-19.95	-31.73	-62.43	99.12	57.11
			240	8.28	-19.96	-52.61	64.83	-6.38	34.03
			480	10.96	-19.97	406.75	343.47	-81.76	31.70
20	FONDAZ IONE	11, 12	0	-52.19	1.27	154.21	-58.42	-31.58	-14.46
			215	-46.68	1.27	-10.91	-104.47	1.65	-16.33
			430	-41.44	1.27	-353.22	-218.82	38.68	-17.90
21	FONDAZ IONE	17, 11	0	-11.43	24.88	-83.68	98.39	97.58	55.18
			245	-8.29	24.87	37.31	13.13	-6.11	32.81
			490	-5.21	24.87	23.35	-20.12	-81.85	32.05
22	FONDAZ IONE	18, 12	0	-28.69	87.21	171.47	-224.77	67.76	44.23
			240	-28.08	87.17	-93.76	-46.97	-9.75	23.64
			480	-27.67	87.14	-258.89	-117.40	-62.02	22.64
23	FONDAZ IONE	13, 14	0	-16.11	-100.71	65.76	119.40	-66.94	-29.50
			218	-42.75	-100.68	121.54	-28.75	-5.65	-26.54
			435	-69.63	-100.68	96.91	21.70	49.13	-23.84
24	FONDAZ IONE	14, 15	0	-36.95	-5.56	320.42	-184.49	-47.50	-20.76
			265	-70.17	-5.57	2.09	-80.37	1.43	-16.39
			530	-103.99	-5.58	-237.11	-127.61	42.44	-14.69
25	FONDAZ IONE	15, 16	0	34.77	34.23	-78.03	58.00	-54.79	-21.86
			270	0.01	34.23	0.00	8.65	0.00	-19.25
			540	-34.76	34.23	78.03	58.00	54.77	-21.84
26	FONDAZ IONE	16, 17	0	104.00	-5.58	237.11	-127.61	-42.47	-14.71
			265	70.18	-5.57	-2.09	-80.37	-1.43	-16.40
			530	36.96	-5.56	-320.42	-184.49	47.52	-20.76
27	FONDAZ IONE	17, 18	0	69.63	-100.68	-96.92	21.70	-49.13	-23.84
			218	42.75	-100.68	-121.54	-28.75	5.66	-26.54
			435	16.11	-100.71	-65.76	119.40	66.95	-29.50

28	FONDAZ IONE	19, 20	0	1169.56	43.54	-65.27	305.59	-900.96	-355.54
			72	1580.05	43.54	13.11	144.67	-665.72	-299.61
			143	1991.51	43.55	-18.93	-2.11	-472.46	-239.59
29	FONDAZ IONE	19, 20	0	1150.89	8.43	-19.47	248.62	-398.60	-242.14
			72	1563.31	8.44	27.76	115.69	-246.14	-184.01
			143	1976.69	8.45	-15.70	-4.16	-133.55	-131.35
30	FONDAZ IONE	19, 20	0	1105.00	-19.16	-16.18	225.18	-89.84	-126.26
			72	1519.32	-19.15	23.05	117.57	-16.04	-81.05
			143	1934.57	-19.14	-10.83	21.51	28.25	-43.93
31	FONDAZ IONE	34, 19	0	1115.88	100.61	256.91	68.85	-1627.86	-455.93
			70	1515.03	100.61	158.45	-118.34	-1313.48	-437.14
			140	1915.07	100.61	-64.77	-288.64	-1021.30	-394.72
32	FONDAZ IONE	20, 21	0	997.68	-17.84	-11.25	202.83	44.87	-73.89
			71	1411.41	-17.83	19.69	118.04	86.72	-44.90
			143	1825.98	-17.82	-6.32	43.30	110.55	-23.13
33	FONDAZ IONE	20, 21	0	816.10	-30.74	-6.69	182.05	109.18	-9.53
			71	1231.48	-30.74	16.10	116.66	110.07	6.06
			143	1647.60	-30.73	-4.67	60.07	101.72	16.62
34	FONDAZ IONE	20, 21	0	571.10	-20.08	-4.99	165.24	96.27	3.78
			71	987.89	-20.08	11.66	116.85	91.01	10.42
			143	1405.28	-20.08	-3.47	76.26	82.11	14.15
35	FONDAZ IONE	20, 21	0	293.87	-17.79	-3.75	151.46	77.39	17.07
			71	711.77	-17.79	8.32	118.26	64.52	18.78
			143	1130.11	-17.79	-0.80	92.15	50.91	19.24
36	FONDAZ IONE	21, 22	0	65.28	-11.75	-1.05	135.46	45.88	12.75
			63	432.55	-11.75	4.47	118.13	37.94	12.60
			125	800.02	-11.75	0.72	105.89	30.17	12.25
37	FONDAZ IONE	21, 22	0	-219.89	-14.65	0.50	123.81	25.40	18.69
			63	147.71	-14.65	1.83	116.52	13.82	18.38
			125	515.38	-14.65	0.11	114.11	2.38	18.26
38	FONDAZ IONE	21, 22	0	-515.29	-14.64	-0.11	114.10	-2.38	18.26
			63	-147.62	-14.64	-1.83	116.52	-13.82	18.38
			125	219.99	-14.65	-0.50	123.82	-25.39	18.69
39	FONDAZ IONE	21, 22	0	-799.93	-11.75	-0.72	105.89	-30.16	12.26
			63	-432.46	-11.75	-4.47	118.13	-37.94	12.60
			125	-65.19	-11.75	1.05	135.46	-45.88	12.75
40	FONDAZ IONE	22, 23	0	-1130.03	-17.79	0.80	92.15	-50.92	19.24
			71	-711.70	-17.79	-8.32	118.26	-64.51	18.78
			143	-293.79	-17.79	3.76	151.47	-77.38	17.06
41	FONDAZ IONE	22, 23	0	-1405.22	-20.08	3.47	76.26	-82.10	14.15
			71	-987.83	-20.09	-11.66	116.85	-91.01	10.43
			143	-571.04	-20.09	4.99	165.24	-96.28	3.79
42	FONDAZ IONE	22, 23	0	-1647.57	-30.74	4.67	60.06	-101.73	16.62
			71	-1231.45	-30.74	-16.10	116.66	-110.08	6.06
			143	-816.07	-30.75	6.69	182.05	-109.18	-9.52
43	FONDAZ IONE	22, 23	0	-1825.97	-17.83	6.32	43.30	-110.56	-23.13
			71	-1411.39	-17.83	-19.69	118.04	-86.73	-44.90
			143	-997.66	-17.84	11.25	202.83	-44.87	-73.89
44	FONDAZ IONE	23, 24	0	-1934.57	-19.15	10.83	21.51	-28.26	-43.93
			72	-1519.32	-19.16	-23.05	117.57	16.03	-81.05
			143	-1105.00	-19.16	16.18	225.18	89.83	-126.26
45	FONDAZ IONE	23, 24	0	-1976.69	8.44	15.70	-4.17	133.54	-131.35
			72	-1563.31	8.44	-27.76	115.69	246.13	-184.01
			143	-1150.89	8.43	19.47	248.62	398.59	-242.14
46	FONDAZ	23, 24	0	-1991.52	43.55	18.93	-2.11	472.45	-239.60

	IONE								
			72	-1580.06	43.54	-13.11	144.67	665.71	-299.62
			143	-1169.57	43.53	65.27	305.59	900.96	-355.55
47	FONDAZ IONE	24, 39	0	-1915.08	100.61	64.77	-288.65	1021.31	-394.72
			70	-1515.04	100.60	-158.45	-118.34	1313.49	-437.15
			140	-1115.89	100.60	-256.91	68.85	1627.88	-455.94
48	FONDAZ IONE	25, 26	0	1152.75	-49.24	-65.59	306.36	913.92	338.45
			72	1570.51	-49.25	12.53	147.16	687.76	291.00
			143	1989.24	-49.26	-18.65	1.84	498.24	237.46
49	FONDAZ IONE	25, 26	0	1123.22	-10.78	-19.18	249.22	425.96	234.72
			72	1542.90	-10.79	27.48	117.51	277.03	181.32
			143	1963.53	-10.80	-15.75	-1.36	165.10	131.96
50	FONDAZ IONE	25, 26	0	1067.70	15.98	-16.22	226.38	121.54	128.81
			72	1489.25	15.97	22.70	119.52	45.07	85.79
			143	1911.71	15.96	-11.01	24.01	-3.17	50.10
51	FONDAZ IONE	35, 25	0	1109.93	-106.96	260.54	65.88	1601.54	418.70
			70	1516.18	-106.96	159.37	-119.10	1308.72	412.41
			140	1923.33	-106.96	-65.09	-287.44	1030.08	380.39
52	FONDAZ IONE	26, 27	0	954.10	16.79	-11.42	204.44	-21.05	76.05
			71	1374.98	16.78	19.37	120.02	-64.79	47.99
			143	1796.69	16.78	-6.58	45.47	-91.08	26.93
53	FONDAZ IONE	26, 27	0	766.71	27.18	-6.94	183.60	-91.67	16.20
			71	1189.19	27.17	15.56	118.27	-97.56	1.30
			143	1612.40	27.16	-5.49	61.60	-94.73	-8.43
54	FONDAZ IONE	26, 27	0	522.33	13.72	-5.81	167.28	-92.97	7.99
			71	946.18	13.71	10.83	118.74	-96.46	2.42
			143	1370.60	13.71	-4.42	77.98	-97.15	-0.01
55	FONDAZ IONE	26, 27	0	261.66	28.14	-4.71	154.45	-96.87	-27.39
			71	686.58	28.14	8.03	121.10	-77.15	-27.68
			143	1111.91	28.14	-0.49	94.91	-57.71	-26.75
56	FONDAZ IONE	27, 28	0	53.73	16.07	-0.75	137.81	-52.21	-0.98
			63	427.12	16.07	5.01	120.47	-51.99	0.28
			125	800.71	16.06	1.51	108.26	-52.57	1.56
57	FONDAZ IONE	27, 28	0	-224.94	37.22	1.29	125.12	-43.19	-31.32
			63	148.79	37.22	2.21	117.86	-23.93	-30.39
			125	522.58	37.22	0.11	115.45	-5.08	-30.05
58	FONDAZ IONE	27, 28	0	-522.54	37.22	-0.11	115.45	5.08	-30.05
			63	-148.75	37.22	-2.21	117.86	23.93	-30.39
			125	224.98	37.22	-1.29	125.12	43.19	-31.32
59	FONDAZ IONE	27, 28	0	-800.68	16.06	-1.51	108.25	52.57	1.55
			63	-427.08	16.07	-5.01	120.47	51.99	0.28
			125	-53.69	16.07	0.75	137.81	52.21	-0.98
60	FONDAZ IONE	28, 29	0	-1111.87	28.14	0.49	94.91	57.71	-26.75
			71	-686.54	28.14	-8.03	121.10	77.15	-27.68
			143	-261.62	28.14	4.71	154.45	96.87	-27.39
61	FONDAZ IONE	28, 29	0	-1370.57	13.71	4.42	77.98	97.15	-0.01
			71	-946.15	13.71	-10.83	118.74	96.46	2.42
			143	-522.30	13.72	5.81	167.28	92.97	7.99
62	FONDAZ IONE	28, 29	0	-1612.37	27.16	5.49	61.60	94.73	-8.43
			71	-1189.16	27.17	-15.56	118.27	97.55	1.30
			143	-766.68	27.18	6.94	183.60	91.67	16.20
63	FONDAZ IONE	28, 29	0	-1796.66	16.77	6.58	45.47	91.08	26.93
			71	-1374.96	16.78	-19.37	120.02	64.79	47.99
			143	-954.08	16.79	11.42	204.44	21.04	76.05
64	FONDAZ IONE	29, 30	0	-1911.69	15.96	11.01	24.01	3.16	50.10

			72	-1489.23	15.97	-22.70	119.52	-45.07	85.79
			143	-1067.67	15.98	16.22	226.38	-121.55	128.81
65	FONDAZ IONE	29, 30	0	-1963.51	-10.80	15.75	-1.36	-165.11	131.96
			72	-1542.88	-10.79	-27.48	117.51	-277.04	181.32
			143	-1123.20	-10.78	19.18	249.22	-425.97	234.72
66	FONDAZ IONE	29, 30	0	-1989.23	-49.26	18.65	1.84	-498.25	237.46
			72	-1570.50	-49.25	-12.53	147.16	-687.76	291.00
			143	-1152.73	-49.25	65.59	306.36	-913.92	338.44
67	FONDAZ IONE	30, 40	0	-1923.32	-106.97	65.09	-287.44	-1030.08	380.38
			70	-1516.18	-106.96	-159.37	-119.10	-1308.71	412.41
			140	-1109.92	-106.96	-260.54	65.88	-1601.52	418.69
68	FONDAZ IONE	32, 31	0	1005.26	26.02	-29.02	163.19	1019.79	24.98
			65	999.17	25.95	25.07	-0.51	986.14	79.26
			130	993.58	25.87	-27.44	-164.63	915.04	141.53
69	FONDAZ IONE	32, 31	0	978.15	185.61	-27.41	164.08	933.89	-41.38
			65	973.06	185.53	26.71	-0.83	936.53	36.57
			130	968.46	185.46	-26.81	-166.96	881.38	137.71
70	FONDAZ IONE	32, 31	0	881.83	231.28	-26.74	163.54	872.25	98.99
			65	877.70	231.22	25.96	-4.23	767.01	230.59
			130	874.01	231.16	-31.12	-174.08	564.53	399.25
71	FONDAZ IONE	32, 31	0	718.18	341.67	-31.02	183.46	502.11	209.35
			65	714.89	341.62	33.03	11.19	299.91	420.35
			130	711.96	341.58	-15.85	-164.02	-54.15	677.03
72	FONDAZ IONE	31, 34	0	539.94	311.75	-15.68	127.87	-209.52	651.59
			70	537.13	311.72	7.13	-65.03	-777.41	979.91
			140	534.64	311.69	-106.76	-262.54	-1592.80	1357.37
73	FONDAZ IONE	33, 32	0	695.56	-342.91	-14.57	157.79	-23.44	-676.55
			65	685.88	-342.95	33.27	-15.99	329.29	-416.91
			130	676.55	-343.00	-30.97	-187.05	528.54	-203.88
74	FONDAZ IONE	33, 32	0	862.27	-231.02	-31.06	169.02	589.91	-395.10
			65	853.32	-231.07	25.58	0.15	789.23	-225.11
			130	844.81	-231.14	-26.97	-166.85	890.61	-92.69
75	FONDAZ IONE	33, 32	0	962.79	-184.18	-27.03	162.49	898.56	-132.19
			65	954.73	-184.24	26.31	-3.06	949.95	-30.58
			130	947.15	-184.32	-27.67	-167.58	943.32	47.62
76	FONDAZ IONE	33, 32	0	999.48	-23.95	-27.69	160.72	923.36	-135.65
			65	992.39	-24.03	24.89	-3.17	990.59	-73.26
			130	985.80	-24.11	-29.03	-166.80	1020.33	-18.95
77	FONDAZ IONE	35, 33	0	513.84	-314.81	-113.40	262.30	-1563.58	-1364.70
			70	502.79	-314.83	3.79	66.86	-745.33	-981.07
			140	492.04	-314.86	-14.41	-124.27	-178.29	-648.25
78	FONDAZ IONE	37, 36	0	-1005.27	26.03	29.02	-163.19	1019.79	24.98
			65	-999.18	25.95	-25.07	0.51	986.14	79.26
			130	-993.59	25.87	27.44	164.63	915.04	141.53
79	FONDAZ IONE	37, 36	0	-978.16	185.61	27.41	-164.08	933.89	-41.38
			65	-973.07	185.53	-26.71	0.83	936.52	36.57
			130	-968.47	185.46	26.81	166.96	881.37	137.71
80	FONDAZ IONE	37, 36	0	-881.85	231.28	26.74	-163.54	872.24	98.99
			65	-877.71	231.22	-25.96	4.23	767.01	230.60
			130	-874.02	231.16	31.12	174.08	564.53	399.25
81	FONDAZ IONE	37, 36	0	-718.20	341.67	31.02	-183.46	502.10	209.36
			65	-714.90	341.62	-33.03	-11.19	299.91	420.36
			130	-711.97	341.58	15.85	164.02	-54.16	677.04
82	FONDAZ IONE	36, 39	0	-539.96	311.75	15.68	-127.87	-209.53	651.59
			70	-537.15	311.72	-7.14	65.03	-777.42	979.91

			140	-534.65	311.69	106.76	262.54	-1592.81	1357.38
83	FONDAZ IONE	38, 37	0	-695.56	-342.92	14.57	-157.79	-23.43	-676.54
			65	-685.88	-342.95	-33.27	15.99	329.30	-416.91
			130	-676.54	-343.00	30.97	187.05	528.55	-203.87
84	FONDAZ IONE	38, 37	0	-862.27	-231.02	31.06	-169.01	589.92	-395.10
			65	-853.32	-231.07	-25.58	-0.15	789.23	-225.11
			130	-844.80	-231.14	26.97	166.85	890.61	-92.69
85	FONDAZ IONE	38, 37	0	-962.80	-184.18	27.03	-162.49	898.56	-132.18
			65	-954.74	-184.24	-26.31	3.06	949.95	-30.58
			130	-947.15	-184.32	27.67	167.58	943.32	47.62
86	FONDAZ IONE	38, 37	0	-999.49	-23.95	27.69	-160.72	923.36	-135.65
			65	-992.40	-24.03	-24.89	3.17	990.59	-73.26
			130	-985.80	-24.11	29.03	166.80	1020.33	-18.95
87	FONDAZ IONE	40, 38	0	-513.83	-314.81	113.40	-262.30	-1563.56	-1364.70
			70	-502.78	-314.83	-3.79	-66.87	-745.31	-981.07
			140	-492.02	-314.86	14.40	124.27	-178.28	-648.25
88	PRIMO IMPALC ATO	1, 2	0	0.00	-2.09	462.59	-221.12	0.00	0.00
			215	0.00	-2.09	-12.82	-221.12	0.00	0.00
			430	0.00	-2.09	-488.23	-221.12	0.00	0.00
89	PRIMO IMPALC ATO	7, 1	0	0.00	0.54	29.67	-10.62	0.00	0.00
			260	0.00	0.54	2.06	-10.62	0.00	0.00
			520	0.00	0.54	-25.55	-10.62	0.00	0.00
90	PRIMO IMPALC ATO	1, 19	0	0.00	266.22	37.10	-72.51	0.00	0.00
			78	0.00	266.22	-19.36	-72.51	0.00	0.00
			156	0.00	266.22	-75.82	-72.51	0.00	0.00
91	PRIMO IMPALC ATO	31, 1	0	0.00	14.65	250.27	-593.20	0.00	0.00
			78	0.00	14.65	-211.61	-593.20	0.00	0.00
			156	0.00	14.65	-673.49	-593.20	0.00	0.00
92	PRIMO IMPALC ATO	2, 3	0	0.00	10.21	340.46	-108.26	0.00	0.00
			270	0.00	10.21	48.11	-108.26	0.00	0.00
			540	0.00	10.21	-244.25	-108.26	0.00	0.00
93	PRIMO IMPALC ATO	8, 2	0	0.00	-105.17	-9.73	4.61	0.00	0.00
			260	0.00	-105.17	2.25	4.61	0.00	0.00
			520	0.00	-105.17	14.24	4.61	0.00	0.00
94	PRIMO IMPALC ATO	2, 20	0	0.00	306.12	39.21	-85.59	0.00	0.00
			78	0.00	306.12	-27.43	-85.59	0.00	0.00
			156	0.00	306.12	-94.07	-85.59	0.00	0.00
95	PRIMO IMPALC ATO	3, 4	0	0.00	0.56	104.97	-45.39	0.00	0.00
			44	0.00	0.56	84.92	-45.39	0.00	0.00
			88	0.00	0.56	64.88	-45.39	0.00	0.00
96	PRIMO IMPALC ATO	3, 4	0	0.00	-40.72	91.19	-11.31	0.00	0.00
			44	0.00	-40.72	86.20	-11.31	0.00	0.00
			88	0.00	-40.72	81.20	-11.31	0.00	0.00
97	PRIMO IMPALC ATO	3, 4	0	0.00	-18.12	62.94	-49.69	0.00	0.00
			44	0.00	-18.12	41.00	-49.69	0.00	0.00
			88	0.00	-18.12	19.05	-49.69	0.00	0.00
98	PRIMO IMPALC ATO	3, 4	0	0.00	-18.01	-19.40	-49.59	0.00	0.00

			44	0.00	-18.01	-41.31	-49.59	0.00	0.00
			88	0.00	-18.01	-63.21	-49.59	0.00	0.00
99	PRIMO IMPALC ATO	3, 4	0	0.00	-41.06	-81.13	-10.68	0.00	0.00
			44	0.00	-41.06	-85.84	-10.68	0.00	0.00
			88	0.00	-41.06	-90.56	-10.68	0.00	0.00
100	PRIMO IMPALC ATO	3, 4	0	0.00	0.98	-64.77	-45.65	0.00	0.00
			44	0.00	0.98	-84.93	-45.65	0.00	0.00
			88	0.00	0.98	-105.09	-45.65	0.00	0.00
101	PRIMO IMPALC ATO	3, 21	0	0.00	91.33	122.23	-79.66	0.00	0.00
			83	0.00	91.33	56.24	-79.66	0.00	0.00
			166	0.00	91.33	-9.75	-79.66	0.00	0.00
102	PRIMO IMPALC ATO	41, 3	0	0.00	479.56	-299.21	315.26	0.00	0.00
			41	0.00	479.56	-169.17	315.26	0.00	0.00
			83	0.00	479.56	-39.12	315.26	0.00	0.00
103	PRIMO IMPALC ATO	41, 3	0	0.00	184.81	46.28	262.40	0.00	0.00
			41	0.00	184.81	154.52	262.40	0.00	0.00
			83	0.00	184.81	262.75	262.40	0.00	0.00
104	PRIMO IMPALC ATO	4, 5	0	0.00	10.20	244.23	-108.26	0.00	0.00
			270	0.00	10.20	-48.11	-108.26	0.00	0.00
			540	0.00	10.20	-340.45	-108.26	0.00	0.00
105	PRIMO IMPALC ATO	4, 22	0	0.00	91.30	-122.08	79.55	0.00	0.00
			83	0.00	91.30	-56.18	79.55	0.00	0.00
			166	0.00	91.30	9.72	79.55	0.00	0.00
106	PRIMO IMPALC ATO	42, 4	0	0.00	479.42	299.01	-315.72	0.00	0.00
			41	0.00	479.42	168.77	-315.72	0.00	0.00
			83	0.00	479.42	38.53	-315.72	0.00	0.00
107	PRIMO IMPALC ATO	42, 4	0	0.00	185.03	-47.19	-260.45	0.00	0.00
			41	0.00	185.03	-154.62	-260.45	0.00	0.00
			83	0.00	185.03	-262.06	-260.45	0.00	0.00
108	PRIMO IMPALC ATO	5, 6	0	0.00	-2.09	488.23	-221.12	0.00	0.00
			215	0.00	-2.09	12.82	-221.12	0.00	0.00
			430	0.00	-2.09	-462.59	-221.12	0.00	0.00
109	PRIMO IMPALC ATO	11, 5	0	0.00	-105.17	9.73	-4.61	0.00	0.00
			260	0.00	-105.17	-2.25	-4.61	0.00	0.00
			520	0.00	-105.17	-14.24	-4.61	0.00	0.00
110	PRIMO IMPALC ATO	5, 23	0	0.00	306.13	-39.23	85.60	0.00	0.00
			78	0.00	306.13	27.43	85.60	0.00	0.00
			156	0.00	306.13	94.08	85.60	0.00	0.00
111	PRIMO IMPALC ATO	12, 6	0	0.00	0.54	-29.68	10.62	0.00	0.00
			260	0.00	0.54	-2.06	10.62	0.00	0.00
			520	0.00	0.54	25.56	10.62	0.00	0.00
112	PRIMO IMPALC ATO	6, 24	0	0.00	266.22	-37.11	72.52	0.00	0.00
			78	0.00	266.22	19.36	72.52	0.00	0.00
			156	0.00	266.22	75.82	72.52	0.00	0.00
113	PRIMO IMPALC	6, 36	0	0.00	14.65	673.49	-593.20	0.00	0.00

	ATO								
			78	0.00	14.65	211.61	-593.20	0.00	0.00
			156	0.00	14.65	-250.26	-593.20	0.00	0.00
114	PRIMO IMPALC ATO	7, 8	0	0.00	-1.92	356.80	-141.06	0.00	0.00
			215	0.00	-1.92	53.52	-141.06	0.00	0.00
			430	0.00	-1.92	-249.76	-141.06	0.00	0.00
115	PRIMO IMPALC ATO	13, 7	0	0.00	-0.88	-18.41	6.65	0.00	0.00
			245	0.00	-0.88	-2.10	6.65	0.00	0.00
			490	0.00	-0.88	14.20	6.65	0.00	0.00
116	PRIMO IMPALC ATO	32, 7	0	0.00	10.72	325.19	-622.21	0.00	0.00
			78	0.00	10.72	-159.28	-622.21	0.00	0.00
			156	0.00	10.72	-643.75	-622.21	0.00	0.00
117	PRIMO IMPALC ATO	8, 9	0	0.00	-3.95	218.63	-99.11	0.00	0.00
			270	0.00	-3.95	-48.97	-99.11	0.00	0.00
			540	0.00	-3.95	-316.58	-99.11	0.00	0.00
118	PRIMO IMPALC ATO	14, 8	0	0.00	108.55	13.12	-4.09	0.00	0.00
			245	0.00	108.55	3.09	-4.09	0.00	0.00
			490	0.00	108.55	-6.93	-4.09	0.00	0.00
119	PRIMO IMPALC ATO	9, 10	0	0.00	-77.61	449.15	-173.87	0.00	0.00
			44	0.00	-77.61	372.36	-173.87	0.00	0.00
			88	0.00	-77.61	295.57	-173.87	0.00	0.00
120	PRIMO IMPALC ATO	9, 10	0	0.00	46.58	157.81	-64.13	0.00	0.00
			44	0.00	46.58	129.48	-64.13	0.00	0.00
			88	0.00	46.58	101.16	-64.13	0.00	0.00
121	PRIMO IMPALC ATO	9, 10	0	0.00	58.66	75.38	-71.41	0.00	0.00
			44	0.00	58.66	43.85	-71.41	0.00	0.00
			88	0.00	58.66	12.31	-71.41	0.00	0.00
122	PRIMO IMPALC ATO	9, 10	0	0.00	58.61	-12.28	-71.57	0.00	0.00
			44	0.00	58.61	-43.89	-71.57	0.00	0.00
			88	0.00	58.61	-75.51	-71.57	0.00	0.00
123	PRIMO IMPALC ATO	9, 10	0	0.00	46.73	-101.03	-64.12	0.00	0.00
			44	0.00	46.73	-129.35	-64.12	0.00	0.00
			88	0.00	46.73	-157.67	-64.12	0.00	0.00
124	PRIMO IMPALC ATO	9, 10	0	0.00	-77.54	-295.38	-174.48	0.00	0.00
			44	0.00	-77.54	-372.44	-174.48	0.00	0.00
			88	0.00	-77.54	-449.50	-174.48	0.00	0.00
125	PRIMO IMPALC ATO	15, 9	0	0.00	28.12	19.39	-3.42	0.00	0.00
			240	0.00	28.12	11.19	-3.42	0.00	0.00
			480	0.00	28.12	2.99	-3.42	0.00	0.00
126	PRIMO IMPALC ATO	9, 41	0	0.00	355.83	69.11	-2.58	0.00	0.00
			44	0.00	355.83	67.98	-2.58	0.00	0.00
			88	0.00	355.83	66.86	-2.58	0.00	0.00
127	PRIMO IMPALC ATO	9, 41	0	0.00	32.81	11.27	-14.88	0.00	0.00
			44	0.00	32.81	4.76	-14.88	0.00	0.00
			88	0.00	32.81	-1.75	-14.88	0.00	0.00
128	PRIMO	9, 41	0	0.00	-113.73	-4.54	-60.16	0.00	0.00

	IMPALC ATO								
			44	0.00	-113.73	-30.86	-60.16	0.00	0.00
			88	0.00	-113.73	-57.18	-60.16	0.00	0.00
129	PRIMO IMPALC ATO	9, 41	0	0.00	-374.29	-80.48	-161.39	0.00	0.00
			44	0.00	-374.29	-151.09	-161.39	0.00	0.00
			88	0.00	-374.29	-221.70	-161.39	0.00	0.00
130	PRIMO IMPALC ATO	10, 11	0	0.00	-3.95	316.57	-99.11	0.00	0.00
			270	0.00	-3.95	48.97	-99.11	0.00	0.00
			540	0.00	-3.95	-218.63	-99.11	0.00	0.00
131	PRIMO IMPALC ATO	16, 10	0	0.00	28.12	-19.40	3.42	0.00	0.00
			240	0.00	28.12	-11.20	3.42	0.00	0.00
			480	0.00	28.12	-3.00	3.42	0.00	0.00
132	PRIMO IMPALC ATO	10, 42	0	0.00	355.65	-68.92	2.42	0.00	0.00
			44	0.00	355.65	-67.86	2.42	0.00	0.00
			88	0.00	355.65	-66.80	2.42	0.00	0.00
133	PRIMO IMPALC ATO	10, 42	0	0.00	32.78	-11.50	14.97	0.00	0.00
			44	0.00	32.78	-4.95	14.97	0.00	0.00
			88	0.00	32.78	1.60	14.97	0.00	0.00
134	PRIMO IMPALC ATO	10, 42	0	0.00	-113.62	3.94	61.17	0.00	0.00
			44	0.00	-113.62	30.70	61.17	0.00	0.00
			88	0.00	-113.62	57.46	61.17	0.00	0.00
135	PRIMO IMPALC ATO	10, 42	0	0.00	-374.21	81.53	160.44	0.00	0.00
			44	0.00	-374.21	151.72	160.44	0.00	0.00
			88	0.00	-374.21	221.92	160.44	0.00	0.00
136	PRIMO IMPALC ATO	11, 12	0	0.00	-1.93	249.77	-141.06	0.00	0.00
			215	0.00	-1.93	-53.52	-141.06	0.00	0.00
			430	0.00	-1.93	-356.80	-141.06	0.00	0.00
137	PRIMO IMPALC ATO	17, 11	0	0.00	108.55	-13.12	4.09	0.00	0.00
			245	0.00	108.55	-3.10	4.09	0.00	0.00
			490	0.00	108.55	6.93	4.09	0.00	0.00
138	PRIMO IMPALC ATO	18, 12	0	0.00	-0.88	18.40	-6.65	0.00	0.00
			245	0.00	-0.88	2.10	-6.65	0.00	0.00
			490	0.00	-0.88	-14.19	-6.65	0.00	0.00
139	PRIMO IMPALC ATO	12, 37	0	0.00	10.72	643.74	-622.21	0.00	0.00
			78	0.00	10.72	159.28	-622.21	0.00	0.00
			156	0.00	10.72	-325.19	-622.21	0.00	0.00
140	PRIMO IMPALC ATO	13, 14	0	0.00	2.25	461.37	-219.79	0.00	0.00
			215	0.00	2.25	-11.19	-219.79	0.00	0.00
			430	0.00	2.25	-483.74	-219.79	0.00	0.00
141	PRIMO IMPALC ATO	25, 13	0	0.00	-265.51	-78.96	74.84	0.00	0.00
			78	0.00	-265.51	-20.69	74.84	0.00	0.00
			156	0.00	-265.51	37.58	74.84	0.00	0.00
142	PRIMO IMPALC ATO	33, 13	0	0.00	-14.23	250.36	-592.22	0.00	0.00
			78	0.00	-14.23	-210.75	-592.22	0.00	0.00
			156	0.00	-14.23	-671.87	-592.22	0.00	0.00

143	PRIMO IMPALC ATO	14, 15	0	0.00	0.50	440.48	-167.13	0.00	0.00
			270	0.00	0.50	-10.80	-167.13	0.00	0.00
			540	0.00	0.50	-462.08	-167.13	0.00	0.00
144	PRIMO IMPALC ATO	26, 14	0	0.00	-299.29	-83.26	64.04	0.00	0.00
			78	0.00	-299.29	-33.39	64.04	0.00	0.00
			156	0.00	-299.29	16.47	64.04	0.00	0.00
145	PRIMO IMPALC ATO	15, 16	0	0.00	-5.06	488.93	-184.50	0.00	0.00
			265	0.00	-5.06	0.00	-184.50	0.00	0.00
			530	0.00	-5.06	-488.93	-184.50	0.00	0.00
146	PRIMO IMPALC ATO	27, 15	0	0.00	-352.11	-50.08	105.02	0.00	0.00
			80	0.00	-352.11	34.31	105.02	0.00	0.00
			161	0.00	-352.11	118.69	105.02	0.00	0.00
147	PRIMO IMPALC ATO	16, 17	0	0.00	0.50	462.08	-167.13	0.00	0.00
			270	0.00	0.50	10.80	-167.13	0.00	0.00
			540	0.00	0.50	-440.48	-167.13	0.00	0.00
148	PRIMO IMPALC ATO	28, 16	0	0.00	-352.11	50.07	-105.00	0.00	0.00
			80	0.00	-352.11	-34.29	-105.00	0.00	0.00
			161	0.00	-352.11	-118.66	-105.00	0.00	0.00
149	PRIMO IMPALC ATO	17, 18	0	0.00	2.25	483.74	-219.79	0.00	0.00
			215	0.00	2.25	11.19	-219.79	0.00	0.00
			430	0.00	2.25	-461.37	-219.79	0.00	0.00
150	PRIMO IMPALC ATO	29, 17	0	0.00	-299.29	83.26	-64.04	0.00	0.00
			78	0.00	-299.29	33.40	-64.04	0.00	0.00
			156	0.00	-299.29	-16.46	-64.04	0.00	0.00
151	PRIMO IMPALC ATO	30, 18	0	0.00	-265.51	78.96	-74.83	0.00	0.00
			78	0.00	-265.51	20.70	-74.83	0.00	0.00
			156	0.00	-265.51	-37.56	-74.83	0.00	0.00
152	PRIMO IMPALC ATO	18, 38	0	0.00	-14.23	671.87	-592.22	0.00	0.00
			78	0.00	-14.23	210.75	-592.22	0.00	0.00
			156	0.00	-14.23	-250.36	-592.22	0.00	0.00
153	PRIMO IMPALC ATO	19, 20	0	0.00	4.61	125.44	-117.12	0.00	0.00
			72	0.00	4.61	41.51	-117.12	0.00	0.00
			143	0.00	4.61	-42.42	-117.12	0.00	0.00
154	PRIMO IMPALC ATO	19, 20	0	0.00	-1.41	-42.03	63.28	0.00	0.00
			72	0.00	-1.41	3.31	63.28	0.00	0.00
			143	0.00	-1.41	48.66	63.28	0.00	0.00
155	PRIMO IMPALC ATO	19, 20	0	0.00	-3.82	49.53	-142.48	0.00	0.00
			72	0.00	-3.82	-52.58	-142.48	0.00	0.00
			143	0.00	-3.82	-154.68	-142.48	0.00	0.00
156	PRIMO IMPALC ATO	34, 19	0	0.00	-0.14	71.44	-151.89	0.00	0.00
			70	0.00	-0.14	-34.88	-151.89	0.00	0.00
			140	0.00	-0.14	-141.21	-151.89	0.00	0.00
157	PRIMO IMPALC ATO	20, 21	0	0.00	0.91	152.26	-134.89	0.00	0.00
			71	0.00	0.91	56.15	-134.89	0.00	0.00

			143	0.00	0.91	-39.96	-134.89	0.00	0.00
158	PRIMO IMPALC ATO	20, 21	0	0.00	0.10	-38.62	32.86	0.00	0.00
			71	0.00	0.10	-15.20	32.86	0.00	0.00
			143	0.00	0.10	8.21	32.86	0.00	0.00
159	PRIMO IMPALC ATO	20, 21	0	0.00	-0.79	7.35	0.65	0.00	0.00
			71	0.00	-0.79	7.81	0.65	0.00	0.00
			143	0.00	-0.79	8.28	0.65	0.00	0.00
160	PRIMO IMPALC ATO	20, 21	0	0.00	-0.67	8.55	-34.31	0.00	0.00
			71	0.00	-0.67	-15.90	-34.31	0.00	0.00
			143	0.00	-0.67	-40.34	-34.31	0.00	0.00
161	PRIMO IMPALC ATO	21, 22	0	0.00	0.82	47.81	-47.78	0.00	0.00
			63	0.00	0.82	17.95	-47.78	0.00	0.00
			125	0.00	0.82	-11.91	-47.78	0.00	0.00
162	PRIMO IMPALC ATO	21, 22	0	0.00	0.54	-11.69	9.52	0.00	0.00
			63	0.00	0.54	-5.74	9.52	0.00	0.00
			125	0.00	0.54	0.21	9.52	0.00	0.00
163	PRIMO IMPALC ATO	21, 22	0	0.00	0.54	-0.21	9.52	0.00	0.00
			63	0.00	0.54	5.74	9.52	0.00	0.00
			125	0.00	0.54	11.68	9.52	0.00	0.00
164	PRIMO IMPALC ATO	21, 22	0	0.00	0.81	11.91	-47.77	0.00	0.00
			63	0.00	0.81	-17.95	-47.77	0.00	0.00
			125	0.00	0.81	-47.80	-47.77	0.00	0.00
165	PRIMO IMPALC ATO	22, 23	0	0.00	-0.67	40.33	-34.30	0.00	0.00
			71	0.00	-0.67	15.89	-34.30	0.00	0.00
			143	0.00	-0.67	-8.55	-34.30	0.00	0.00
166	PRIMO IMPALC ATO	22, 23	0	0.00	-0.79	-8.27	0.65	0.00	0.00
			71	0.00	-0.79	-7.81	0.65	0.00	0.00
			143	0.00	-0.79	-7.35	0.65	0.00	0.00
167	PRIMO IMPALC ATO	22, 23	0	0.00	0.10	-8.21	32.86	0.00	0.00
			71	0.00	0.10	15.20	32.86	0.00	0.00
			143	0.00	0.10	38.62	32.86	0.00	0.00
168	PRIMO IMPALC ATO	22, 23	0	0.00	0.91	39.96	-134.89	0.00	0.00
			71	0.00	0.91	-56.15	-134.89	0.00	0.00
			143	0.00	0.91	-152.27	-134.89	0.00	0.00
169	PRIMO IMPALC ATO	23, 24	0	0.00	-3.82	154.69	-142.48	0.00	0.00
			72	0.00	-3.82	52.58	-142.48	0.00	0.00
			143	0.00	-3.82	-49.53	-142.48	0.00	0.00
170	PRIMO IMPALC ATO	23, 24	0	0.00	-1.41	-48.66	63.28	0.00	0.00
			72	0.00	-1.41	-3.31	63.28	0.00	0.00
			143	0.00	-1.41	42.03	63.28	0.00	0.00
171	PRIMO IMPALC ATO	23, 24	0	0.00	4.61	42.42	-117.12	0.00	0.00
			72	0.00	4.61	-41.51	-117.12	0.00	0.00
			143	0.00	4.61	-125.44	-117.12	0.00	0.00
172	PRIMO IMPALC ATO	24, 39	0	0.00	-0.14	141.21	-151.89	0.00	0.00

			70	0.00	-0.14	34.88	-151.89	0.00	0.00
			140	0.00	-0.14	-71.44	-151.89	0.00	0.00
173	PRIMO IMPALC ATO	25, 26	0	0.00	-4.89	125.18	-116.75	0.00	0.00
			72	0.00	-4.89	41.51	-116.75	0.00	0.00
			143	0.00	-4.89	-42.17	-116.75	0.00	0.00
174	PRIMO IMPALC ATO	25, 26	0	0.00	1.11	-41.76	62.49	0.00	0.00
			72	0.00	1.11	3.02	62.49	0.00	0.00
			143	0.00	1.11	47.81	62.49	0.00	0.00
175	PRIMO IMPALC ATO	25, 26	0	0.00	3.51	48.66	-139.60	0.00	0.00
			72	0.00	3.51	-51.39	-139.60	0.00	0.00
			143	0.00	3.51	-151.44	-139.60	0.00	0.00
176	PRIMO IMPALC ATO	35, 25	0	0.00	0.06	71.52	-151.86	0.00	0.00
			70	0.00	0.06	-34.78	-151.86	0.00	0.00
			140	0.00	0.06	-141.09	-151.86	0.00	0.00
177	PRIMO IMPALC ATO	26, 27	0	0.00	-0.43	147.81	-129.63	0.00	0.00
			71	0.00	-0.43	55.45	-129.63	0.00	0.00
			143	0.00	-0.43	-36.91	-129.63	0.00	0.00
178	PRIMO IMPALC ATO	26, 27	0	0.00	0.10	-35.52	25.02	0.00	0.00
			71	0.00	0.10	-17.69	25.02	0.00	0.00
			143	0.00	0.10	0.13	25.02	0.00	0.00
179	PRIMO IMPALC ATO	26, 27	0	0.00	1.87	-1.05	28.02	0.00	0.00
			71	0.00	1.87	18.92	28.02	0.00	0.00
			143	0.00	1.87	38.88	28.02	0.00	0.00
180	PRIMO IMPALC ATO	26, 27	0	0.00	3.04	40.45	-139.57	0.00	0.00
			71	0.00	3.04	-58.99	-139.57	0.00	0.00
			143	0.00	3.04	-158.44	-139.57	0.00	0.00
181	PRIMO IMPALC ATO	27, 28	0	0.00	-3.16	180.89	-181.00	0.00	0.00
			63	0.00	-3.16	67.77	-181.00	0.00	0.00
			125	0.00	-3.16	-45.36	-181.00	0.00	0.00
182	PRIMO IMPALC ATO	27, 28	0	0.00	-1.69	-43.92	35.53	0.00	0.00
			63	0.00	-1.69	-21.71	35.53	0.00	0.00
			125	0.00	-1.69	0.50	35.53	0.00	0.00
183	PRIMO IMPALC ATO	27, 28	0	0.00	-1.69	-0.50	35.53	0.00	0.00
			63	0.00	-1.69	21.71	35.53	0.00	0.00
			125	0.00	-1.69	43.92	35.53	0.00	0.00
184	PRIMO IMPALC ATO	27, 28	0	0.00	-3.16	45.36	-181.00	0.00	0.00
			63	0.00	-3.16	-67.77	-181.00	0.00	0.00
			125	0.00	-3.16	-180.89	-181.00	0.00	0.00
185	PRIMO IMPALC ATO	28, 29	0	0.00	3.04	158.44	-139.57	0.00	0.00
			71	0.00	3.04	59.00	-139.57	0.00	0.00
			143	0.00	3.04	-40.45	-139.57	0.00	0.00
186	PRIMO IMPALC ATO	28, 29	0	0.00	1.87	-38.88	28.02	0.00	0.00
			71	0.00	1.87	-18.92	28.02	0.00	0.00
			143	0.00	1.87	1.05	28.02	0.00	0.00
187	PRIMO IMPALC	28, 29	0	0.00	0.10	-0.13	25.02	0.00	0.00

	ATO								
			71	0.00	0.10	17.69	25.02	0.00	0.00
			143	0.00	0.10	35.52	25.02	0.00	0.00
188	PRIMO IMPALC ATO	28, 29	0	0.00	-0.43	36.91	-129.63	0.00	0.00
			71	0.00	-0.43	-55.45	-129.63	0.00	0.00
			143	0.00	-0.43	-147.81	-129.63	0.00	0.00
189	PRIMO IMPALC ATO	29, 30	0	0.00	3.51	151.44	-139.60	0.00	0.00
			72	0.00	3.51	51.39	-139.60	0.00	0.00
			143	0.00	3.51	-48.66	-139.60	0.00	0.00
190	PRIMO IMPALC ATO	29, 30	0	0.00	1.11	-47.81	62.49	0.00	0.00
			72	0.00	1.11	-3.02	62.49	0.00	0.00
			143	0.00	1.11	41.76	62.49	0.00	0.00
191	PRIMO IMPALC ATO	29, 30	0	0.00	-4.89	42.17	-116.75	0.00	0.00
			72	0.00	-4.89	-41.51	-116.75	0.00	0.00
			143	0.00	-4.89	-125.18	-116.75	0.00	0.00
192	PRIMO IMPALC ATO	30, 40	0	0.00	0.06	141.09	-151.86	0.00	0.00
			70	0.00	0.06	34.78	-151.86	0.00	0.00
			140	0.00	0.06	-71.52	-151.86	0.00	0.00
193	PRIMO IMPALC ATO	32, 31	0	0.00	-10.26	18.41	-16.82	0.00	0.00
			65	0.00	-10.26	7.47	-16.82	0.00	0.00
			130	0.00	-10.26	-3.46	-16.82	0.00	0.00
194	PRIMO IMPALC ATO	32, 31	0	0.00	-0.66	-3.28	2.52	0.00	0.00
			65	0.00	-0.66	-1.64	2.52	0.00	0.00
			130	0.00	-0.66	0.00	2.52	0.00	0.00
195	PRIMO IMPALC ATO	32, 31	0	0.00	12.15	-0.02	4.45	0.00	0.00
			65	0.00	12.15	2.88	4.45	0.00	0.00
			130	0.00	12.15	5.77	4.45	0.00	0.00
196	PRIMO IMPALC ATO	32, 31	0	0.00	16.50	6.10	-19.80	0.00	0.00
			65	0.00	16.50	-6.77	-19.80	0.00	0.00
			130	0.00	16.50	-19.64	-19.80	0.00	0.00
197	PRIMO IMPALC ATO	31, 34	0	0.00	-3.24	18.54	-21.25	0.00	0.00
			70	0.00	-3.24	3.67	-21.25	0.00	0.00
			140	0.00	-3.24	-11.21	-21.25	0.00	0.00
198	PRIMO IMPALC ATO	33, 32	0	0.00	-16.60	-19.56	20.21	0.00	0.00
			65	0.00	-16.60	-6.43	20.21	0.00	0.00
			130	0.00	-16.60	6.71	20.21	0.00	0.00
199	PRIMO IMPALC ATO	33, 32	0	0.00	-12.13	6.41	-7.02	0.00	0.00
			65	0.00	-12.13	1.85	-7.02	0.00	0.00
			130	0.00	-12.13	-2.72	-7.02	0.00	0.00
200	PRIMO IMPALC ATO	33, 32	0	0.00	0.75	-2.79	7.82	0.00	0.00
			65	0.00	0.75	2.29	7.82	0.00	0.00
			130	0.00	0.75	7.38	7.82	0.00	0.00
201	PRIMO IMPALC ATO	33, 32	0	0.00	10.38	7.58	-23.42	0.00	0.00
			65	0.00	10.38	-7.64	-23.42	0.00	0.00
			130	0.00	10.38	-22.86	-23.42	0.00	0.00
202	PRIMO	35, 33	0	0.00	3.11	-11.28	21.07	0.00	0.00

	IMPALC ATO								
			70	0.00	3.11	3.47	21.07	0.00	0.00
			140	0.00	3.11	18.22	21.07	0.00	0.00
203	PRIMO IMPALC ATO	37, 36	0	0.00	-10.26	-18.41	16.82	0.00	0.00
			65	0.00	-10.26	-7.47	16.82	0.00	0.00
			130	0.00	-10.26	3.46	16.82	0.00	0.00
204	PRIMO IMPALC ATO	37, 36	0	0.00	-0.66	3.28	-2.52	0.00	0.00
			65	0.00	-0.66	1.64	-2.52	0.00	0.00
			130	0.00	-0.66	0.00	-2.52	0.00	0.00
205	PRIMO IMPALC ATO	37, 36	0	0.00	12.15	0.02	-4.45	0.00	0.00
			65	0.00	12.15	-2.88	-4.45	0.00	0.00
			130	0.00	12.15	-5.77	-4.45	0.00	0.00
206	PRIMO IMPALC ATO	37, 36	0	0.00	16.50	-6.10	19.80	0.00	0.00
			65	0.00	16.50	6.77	19.80	0.00	0.00
			130	0.00	16.50	19.64	19.80	0.00	0.00
207	PRIMO IMPALC ATO	36, 39	0	0.00	-3.24	-18.54	21.25	0.00	0.00
			70	0.00	-3.24	-3.67	21.25	0.00	0.00
			140	0.00	-3.24	11.21	21.25	0.00	0.00
208	PRIMO IMPALC ATO	38, 37	0	0.00	-16.60	19.56	-20.21	0.00	0.00
			65	0.00	-16.60	6.43	-20.21	0.00	0.00
			130	0.00	-16.60	-6.71	-20.21	0.00	0.00
209	PRIMO IMPALC ATO	38, 37	0	0.00	-12.13	-6.41	7.02	0.00	0.00
			65	0.00	-12.13	-1.85	7.02	0.00	0.00
			130	0.00	-12.13	2.72	7.02	0.00	0.00
210	PRIMO IMPALC ATO	38, 37	0	0.00	0.75	2.79	-7.82	0.00	0.00
			65	0.00	0.75	-2.30	-7.82	0.00	0.00
			130	0.00	0.75	-7.38	-7.82	0.00	0.00
211	PRIMO IMPALC ATO	38, 37	0	0.00	10.38	-7.58	23.42	0.00	0.00
			65	0.00	10.38	7.64	23.42	0.00	0.00
			130	0.00	10.38	22.86	23.42	0.00	0.00
212	PRIMO IMPALC ATO	40, 38	0	0.00	3.11	11.28	-21.07	0.00	0.00
			70	0.00	3.11	-3.47	-21.07	0.00	0.00
			140	0.00	3.11	-18.22	-21.07	0.00	0.00
213	PRIMO IMPALC ATO	1	0	358.86	-3.12	-13.19	18.50	220.18	30.38
			150	358.86	-3.12	14.57	18.50	174.60	30.38
			300	358.86	-3.12	42.33	18.50	129.02	30.38
214	PRIMO IMPALC ATO	2	0	-498.07	-0.33	-11.79	3.69	571.42	120.86
			150	-498.07	-0.33	-6.25	3.69	390.11	120.86
			300	-498.07	-0.33	-0.71	3.69	208.79	120.86
215	PRIMO IMPALC ATO	3	0	773.10	-0.52	358.76	-163.84	-331.79	-276.30
			150	773.10	-0.52	113.00	-163.84	82.66	-276.30
			300	773.10	-0.52	-132.76	-163.84	497.11	-276.30
216	PRIMO IMPALC ATO	4	0	-772.99	-0.52	-358.41	163.68	-331.88	-276.34
			150	-772.99	-0.52	-112.88	163.68	82.63	-276.34
			300	-772.99	-0.52	132.64	163.68	497.15	-276.34

217	PRIMO IMPALC ATO	5	0	498.05	-0.33	11.78	-3.68	571.43	120.87
			150	498.05	-0.33	6.25	-3.68	390.11	120.87
			300	498.05	-0.33	0.72	-3.68	208.78	120.87
218	PRIMO IMPALC ATO	6	0	-358.86	-3.12	13.17	-18.49	220.18	30.38
			150	-358.86	-3.12	-14.57	-18.49	174.60	30.38
			300	-358.86	-3.12	-42.32	-18.49	129.02	30.38
219	PRIMO IMPALC ATO	7	0	-442.39	-3.53	44.79	-25.02	197.57	7.91
			150	-442.39	-3.53	7.25	-25.02	185.71	7.91
			300	-442.39	-3.53	-30.28	-25.02	173.84	7.91
220	PRIMO IMPALC ATO	8	0	-50.66	-0.35	2.80	-2.12	-254.70	-198.21
			150	-50.66	-0.35	-0.37	-2.12	42.62	-198.21
			300	-50.66	-0.35	-3.55	-2.12	339.93	-198.21
221	PRIMO IMPALC ATO	9	0	1383.11	-5.54	-176.75	85.49	343.36	57.27
			150	1383.11	-5.54	-48.49	85.49	257.44	57.27
			300	1383.11	-5.54	79.76	85.49	171.52	57.27
222	PRIMO IMPALC ATO	10	0	-1383.08	-5.54	176.83	-85.53	343.34	57.26
			150	-1383.08	-5.54	48.52	-85.53	257.44	57.26
			300	-1383.08	-5.54	-79.78	-85.53	171.53	57.26
223	PRIMO IMPALC ATO	11	0	50.66	-0.35	-2.80	2.12	-254.70	-198.21
			150	50.66	-0.35	0.37	2.12	42.62	-198.21
			300	50.66	-0.35	3.55	2.12	339.93	-198.21
224	PRIMO IMPALC ATO	12	0	442.39	-3.53	-44.82	25.04	197.57	7.91
			150	442.39	-3.53	-7.26	25.04	185.71	7.91
			300	442.39	-3.53	30.30	25.04	173.84	7.91
225	PRIMO IMPALC ATO	13	0	344.86	1.75	44.21	-38.57	196.86	14.24
			150	344.86	1.75	-13.65	-38.57	175.49	14.24
			300	344.86	1.75	-71.52	-38.57	154.12	14.24
226	PRIMO IMPALC ATO	14	0	-303.15	-0.76	23.77	-11.28	511.45	88.35
			150	-303.15	-0.76	6.85	-11.28	378.91	88.35
			300	-303.15	-0.76	-10.07	-11.28	246.38	88.35
227	PRIMO IMPALC ATO	15	0	244.56	-4.33	26.45	-11.41	743.53	201.31
			150	244.56	-4.33	9.32	-11.41	441.47	201.31
			300	244.56	-4.33	-7.80	-11.41	139.42	201.31
228	PRIMO IMPALC ATO	16	0	-244.56	-4.33	-26.48	11.43	743.53	201.31
			150	-244.56	-4.33	-9.33	11.43	441.47	201.31
			300	-244.56	-4.33	7.82	11.43	139.42	201.31
229	PRIMO IMPALC ATO	17	0	303.15	-0.76	-23.79	11.29	511.45	88.35
			150	303.15	-0.76	-6.85	11.29	378.91	88.35
			300	303.15	-0.76	10.08	11.29	246.37	88.35
230	PRIMO IMPALC ATO	18	0	-344.86	1.75	-44.24	38.58	196.86	14.24
			150	-344.86	1.75	13.65	38.58	175.49	14.24
			300	-344.86	1.75	71.53	38.58	154.12	14.24
231	SECOND O IMPALC ATO	1, 2	0	0.00	7.37	1668.87	-683.48	0.00	0.00

			215	0.00	7.37	199.40	-683.48	0.00	0.00
			430	0.00	7.37	-1270.08	-683.48	0.00	0.00
232	SECOND O IMPALC ATO	7, 1	0	0.00	278.83	40.48	-14.78	0.00	0.00
			260	0.00	278.83	2.04	-14.78	0.00	0.00
			520	0.00	278.83	-36.39	-14.78	0.00	0.00
233	SECOND O IMPALC ATO	2, 3	0	0.00	14.76	643.76	-206.12	0.00	0.00
			278	0.00	14.76	71.58	-206.12	0.00	0.00
			555	0.00	14.76	-500.59	-206.12	0.00	0.00
234	SECOND O IMPALC ATO	3, 4	0	0.00	-37.21	187.04	-74.81	0.00	0.00
			250	0.00	-37.21	0.00	-74.81	0.00	0.00
			500	0.00	-37.21	-187.03	-74.81	0.00	0.00
235	SECOND O IMPALC ATO	41, 3	0	0.00	679.77	-130.88	131.30	0.00	0.00
			95	0.00	679.77	-5.76	131.30	0.00	0.00
			191	0.00	679.77	119.36	131.30	0.00	0.00
236	SECOND O IMPALC ATO	4, 5	0	0.00	14.74	500.62	-206.12	0.00	0.00
			278	0.00	14.74	-71.59	-206.12	0.00	0.00
			555	0.00	14.74	-643.79	-206.12	0.00	0.00
237	SECOND O IMPALC ATO	42, 4	0	0.00	679.78	130.92	-131.31	0.00	0.00
			95	0.00	679.78	5.79	-131.31	0.00	0.00
			191	0.00	679.78	-119.34	-131.31	0.00	0.00
238	SECOND O IMPALC ATO	5, 6	0	0.00	7.37	1270.06	-683.47	0.00	0.00
			215	0.00	7.37	-199.40	-683.47	0.00	0.00
			430	0.00	7.37	-1668.86	-683.47	0.00	0.00
239	SECOND O IMPALC ATO	12, 6	0	0.00	278.83	-40.50	14.79	0.00	0.00
			260	0.00	278.83	-2.04	14.79	0.00	0.00
			520	0.00	278.83	36.43	14.79	0.00	0.00
240	SECOND O IMPALC ATO	13, 7	0	0.00	-289.84	-10.51	7.19	0.00	0.00
			245	0.00	-289.84	7.10	7.19	0.00	0.00
			490	0.00	-289.84	24.70	7.19	0.00	0.00
241	SECOND O IMPALC ATO	9, 10	0	0.00	17.03	1649.03	-622.28	0.00	0.00
			265	0.00	17.03	0.00	-622.28	0.00	0.00
			530	0.00	17.03	-1649.03	-622.28	0.00	0.00
242	SECOND O IMPALC ATO	15, 9	0	0.00	-108.47	7.61	-0.96	0.00	0.00
			240	0.00	-108.47	5.31	-0.96	0.00	0.00
			480	0.00	-108.47	3.01	-0.96	0.00	0.00
243	SECOND O IMPALC ATO	9, 41	0	0.00	54.60	139.76	-83.03	0.00	0.00
			175	0.00	54.60	-5.55	-83.03	0.00	0.00
			350	0.00	54.60	-150.86	-83.03	0.00	0.00

244	SECOND O IMPALC ATO	16, 10	0	0.00	-108.47	-7.67	0.99	0.00	0.00
			240	0.00	-108.47	-5.30	0.99	0.00	0.00
			480	0.00	-108.47	-2.94	0.99	0.00	0.00
245	SECOND O IMPALC ATO	10, 42	0	0.00	54.60	-139.79	83.02	0.00	0.00
			175	0.00	54.60	5.50	83.02	0.00	0.00
			350	0.00	54.60	150.79	83.02	0.00	0.00
246	SECOND O IMPALC ATO	18, 12	0	0.00	-289.84	10.47	-7.17	0.00	0.00
			245	0.00	-289.84	-7.10	-7.17	0.00	0.00
			490	0.00	-289.84	-24.67	-7.17	0.00	0.00
247	SECOND O IMPALC ATO	13, 14	0	0.00	-9.04	1643.61	-655.59	0.00	0.00
			215	0.00	-9.04	234.08	-655.59	0.00	0.00
			430	0.00	-9.04	-1175.44	-655.59	0.00	0.00
248	SECOND O IMPALC ATO	14, 15	0	0.00	-5.22	807.89	-335.54	0.00	0.00
			270	0.00	-5.22	-98.11	-335.54	0.00	0.00
			540	0.00	-5.22	-1004.10	-335.54	0.00	0.00
249	SECOND O IMPALC ATO	15, 16	0	0.00	5.56	1210.56	-456.81	0.00	0.00
			265	0.00	5.56	0.00	-456.81	0.00	0.00
			530	0.00	5.56	-1210.56	-456.81	0.00	0.00
250	SECOND O IMPALC ATO	16, 17	0	0.00	-5.22	1004.10	-335.54	0.00	0.00
			270	0.00	-5.22	98.11	-335.54	0.00	0.00
			540	0.00	-5.22	-807.89	-335.54	0.00	0.00
251	SECOND O IMPALC ATO	17, 18	0	0.00	-9.03	1175.44	-655.59	0.00	0.00
			215	0.00	-9.03	-234.08	-655.59	0.00	0.00
			430	0.00	-9.03	-1643.61	-655.59	0.00	0.00
252	SECOND O IMPALC ATO	41, 42	0	0.00	8.32	1299.04	-490.20	0.00	0.00
			265	0.00	8.32	0.00	-490.20	0.00	0.00
			530	0.00	8.32	-1299.03	-490.20	0.00	0.00
253	SECOND O IMPALC ATO	1	0	668.69	0.74	-29.02	18.58	-1390.03	-1001.82
			150	668.69	0.74	-1.15	18.58	112.69	-1001.82
			300	668.69	0.74	26.72	18.58	1615.42	-1001.82
254	SECOND O IMPALC ATO	2	0	-477.36	0.74	-10.00	11.30	-1914.01	-1239.99
			150	-477.36	0.74	6.94	11.30	-54.02	-1239.99
			300	-477.36	0.74	23.89	11.30	1805.96	-1239.99
255	SECOND O IMPALC ATO	5	0	477.35	0.74	10.03	-11.32	-1914.02	-1239.99
			150	477.35	0.74	-6.95	-11.32	-54.03	-1239.99
			300	477.35	0.74	-23.93	-11.32	1805.96	-1239.99
256	SECOND O	6	0	-668.68	0.74	29.06	-18.61	-1390.03	-1001.81

	IMPALC ATO								
			150	-668.68	0.74	1.14	-18.61	112.69	-1001.81
			300	-668.68	0.74	-26.77	-18.61	1615.41	-1001.81
257	SECOND O IMPALC ATO	7	0	21.97	0.74	-15.77	8.87	-568.67	-588.76
			150	21.97	0.74	-2.46	8.87	314.47	-588.76
			300	21.97	0.74	10.85	8.87	1197.61	-588.76
258	SECOND O IMPALC ATO	9	0	704.35	1.24	-119.72	85.64	-1812.11	-1292.26
			150	704.35	1.24	8.75	85.64	126.29	-1292.26
			300	704.35	1.24	137.21	85.64	2064.68	-1292.26
259	SECOND O IMPALC ATO	10	0	-704.31	1.24	119.82	-85.73	-1812.11	-1292.27
			150	-704.31	1.24	-8.78	-85.73	126.29	-1292.27
			300	-704.31	1.24	-137.38	-85.73	2064.69	-1292.27
260	SECOND O IMPALC ATO	12	0	-21.97	0.74	15.83	-8.91	-568.67	-588.76
			150	-21.97	0.74	2.46	-8.91	314.47	-588.76
			300	-21.97	0.74	-10.90	-8.91	1197.61	-588.76
261	SECOND O IMPALC ATO	13	0	648.41	0.74	1.47	3.22	-1353.77	-980.63
			150	648.41	0.74	6.30	3.22	117.17	-980.63
			300	648.41	0.74	11.13	3.22	1588.12	-980.63
262	SECOND O IMPALC ATO	14	0	-320.05	0.74	-3.66	0.39	-1983.25	-1274.59
			150	-320.05	0.74	-3.08	0.39	-71.37	-1274.59
			300	-320.05	0.74	-2.50	0.39	1840.51	-1274.59
263	SECOND O IMPALC ATO	15	0	122.23	1.24	-6.13	-7.82	-2106.19	-1396.82
			150	122.23	1.24	-17.86	-7.82	-10.97	-1396.82
			300	122.23	1.24	-29.60	-7.82	2084.26	-1396.82
264	SECOND O IMPALC ATO	16	0	-122.26	1.24	6.19	7.78	-2106.19	-1396.82
			150	-122.26	1.24	17.86	7.78	-10.97	-1396.82
			300	-122.26	1.24	29.53	7.78	2084.26	-1396.82
265	SECOND O IMPALC ATO	17	0	320.05	0.74	3.68	-0.40	-1983.25	-1274.59
			150	320.05	0.74	3.07	-0.40	-71.37	-1274.59
			300	320.05	0.74	2.46	-0.40	1840.51	-1274.59
266	SECOND O IMPALC ATO	18	0	-648.42	0.74	-1.44	-3.24	-1353.77	-980.63
			150	-648.42	0.74	-6.31	-3.24	117.17	-980.63
			300	-648.42	0.74	-11.17	-3.24	1588.12	-980.63
267	SECOND O IMPALC ATO	41	0	275.87	1.24	41.44	-60.16	-1911.80	-1317.68
			150	275.87	1.24	-48.81	-60.16	64.73	-1317.68
			300	275.87	1.24	-139.05	-60.16	2041.25	-1317.68
268	SECOND O IMPALC ATO	42	0	-275.87	1.24	-41.55	60.43	-1911.80	-1317.68

			150	-275.87	1.24	49.09	60.43	64.72	-1317.68
			300	-275.87	1.24	139.73	60.43	2041.25	-1317.68

2.1.6.3 Pareti SLV

Tabella 23.I

Parete	Impalcato	Fili	N1-1 [daN/cm]	N2-2 [daN/cm]	N1-2 [daN/cm]	M1-1 [daNcm/cm]	M2-2 [daNcm/cm]	M1-2 [daNcm/cm]	T1-3 [daN/cm]	T2-3 [daN/cm]
1	PRIMO IMPALCA TO	19-20	6.297	4.355	7.303	-22.891	25.289	-15.778	-1.623	-0.827
2	PRIMO IMPALCA TO	34-19	6.059	4.319	4.504	-42.114	25.289	-23.479	-2.251	-0.827
3	PRIMO IMPALCA TO	20-21	5.204	1.086	8.636	6.585	18.686	6.551	0.287	-0.599
4	PRIMO IMPALCA TO	21-22	1.567	-0.412	9.531	2.462	6.263	-2.158	0.079	-0.175
5	PRIMO IMPALCA TO	22-23	-5.204	-1.086	8.636	-6.586	-18.687	6.552	0.288	0.599
6	PRIMO IMPALCA TO	23-24	-6.297	-4.355	7.304	22.891	-25.290	-15.778	-1.623	0.827
7	PRIMO IMPALCA TO	24-39	-6.059	-4.319	4.504	42.114	-25.290	-23.479	-2.251	0.827
8	PRIMO IMPALCA TO	25-26	6.262	4.347	7.499	23.625	-26.129	16.806	1.576	0.815
9	PRIMO IMPALCA TO	35-25	6.063	4.317	4.699	42.034	-26.129	24.441	2.122	0.815
10	PRIMO IMPALCA TO	26-27	5.077	1.126	8.892	-8.283	-26.556	-7.600	0.361	0.828
11	PRIMO IMPALCA TO	27-28	1.544	1.429	10.169	-8.573	-26.556	7.273	-0.382	0.828
12	PRIMO IMPALCA TO	28-29	-5.077	-1.126	8.892	8.282	26.554	-7.600	0.361	-0.828
13	PRIMO IMPALCA TO	29-30	-6.262	-4.347	7.499	-23.625	26.128	16.806	1.576	-0.815
14	PRIMO IMPALCA TO	30-40	-6.063	-4.317	4.699	-42.034	26.128	24.441	2.122	-0.815
15	PRIMO IMPALCA TO	32-31	3.993	4.553	4.463	38.810	-93.529	-52.068	1.896	3.731
16	PRIMO IMPALCA TO	31-34	2.334	4.519	2.594	-32.022	-70.181	-41.973	5.097	2.239
17	PRIMO IMPALCA TO	33-32	3.968	4.553	-4.679	38.942	-93.529	52.172	-1.881	3.731
18	PRIMO IMPALCA TO	35-33	2.199	4.481	-2.773	-31.748	-70.364	42.503	-5.104	2.247
19	PRIMO IMPALCA TO	37-36	-3.993	-4.553	-4.463	38.810	-93.529	-52.068	1.896	3.731
20	PRIMO IMPALCA TO	36-39	-2.334	-4.519	-2.594	-32.023	-70.180	-41.973	5.097	2.239
21	PRIMO IMPALCA TO	38-37	-3.968	-4.553	4.679	38.942	-93.529	52.172	-1.881	3.731

22	PRIMO IMPALCA TO	40-38	-2.199	-4.481	2.773	-31.748	-70.365	42.503	-5.104	2.247
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2.1.6.4 Piastre SLV

Tabella 24.I

Piastra	Impalcato	Fili	N1-1 [daN/cm]	N2-2 [daN/cm]	N1-2 [daN/cm]	M1-1 [daNcm/cm]	M2-2 [daNcm/cm]	M1-2 [daNcm/cm]	T1-3 [daN/cm]	T2-3 [daN/cm]
1	PRIMO IMPALCA TO	9, 41, 3, 4, 42, 10	0.000	0.000	0.000	-969.940	295.489	326.762	19.731	-18.994

2.1.7 Risultati Condizioni (Sisma Y).

2.1.7.1 Cinematismi nodali SLV

Tabella 25.I

Cinematismi nodali						
Nodo	Vx [cm]	Vy [cm]	Vz [cm]	Rx [rad]	Ry [rad]	Rz [rad]
1	0.0000	0.0181	-0.0247	0.000258	0.000095	0.000010
2	-0.0001	0.0149	0.0033	0.000201	-0.000018	-0.000002
3	0.0000	0.0238	-0.0639	0.000648	-0.000049	-0.000007
4	0.0000	0.0238	-0.0639	0.000648	0.000049	0.000007
5	0.0001	0.0149	0.0033	0.000201	0.000018	0.000002
6	0.0000	0.0180	-0.0247	0.000258	-0.000095	-0.000010
7	-0.0001	0.0179	0.0004	0.000050	-0.000004	0.000004
8	-0.0001	0.0150	0.0002	0.000020	0.000010	0.000000
9	0.0000	0.0221	0.0273	0.000088	0.000011	-0.000003
10	0.0000	0.0221	0.0273	0.000088	-0.000011	0.000003
11	0.0001	0.0150	0.0002	0.000020	-0.000010	0.000000
12	0.0001	0.0179	0.0004	0.000050	0.000004	-0.000004
13	-0.0004	0.0181	0.0295	0.000248	-0.000114	0.000009
14	-0.0002	0.0150	-0.0115	0.000089	-0.000022	0.000000
15	-0.0001	0.0213	-0.0018	0.000007	0.000015	-0.000005
16	0.0001	0.0212	-0.0018	0.000007	-0.000015	0.000005
17	0.0002	0.0149	-0.0115	0.000089	0.000022	0.000000
18	0.0003	0.0181	0.0295	0.000248	0.000114	-0.000009
19	0.0202	0.3254	-0.1167	0.000644	0.000098	0.000815
20	0.0154	0.0617	-0.0833	0.001439	0.000063	0.000326
21	0.0051	0.0068	-0.0593	0.001814	0.000019	-0.000012
22	-0.0049	0.0068	-0.0593	0.001814	-0.000019	0.000012
23	-0.0151	0.0617	-0.0833	0.001438	-0.000063	-0.000326
24	-0.0200	0.3251	-0.1167	0.000644	-0.000098	-0.000814
25	-0.0178	0.3254	0.1199	0.000644	-0.000089	0.000815
26	-0.0132	0.0614	0.0905	0.001438	-0.000054	0.000325
27	-0.0042	0.0093	0.0715	0.001835	-0.000014	-0.000016
28	0.0040	0.0093	0.0715	0.001835	0.000014	0.000016
29	0.0130	0.0614	0.0905	0.001438	0.000054	-0.000325
30	0.0176	0.3251	0.1199	0.000644	0.000089	-0.000814
31	-0.0339	0.4301	-0.0983	0.000183	0.000003	0.000213
32	-0.0014	0.4330	0.0004	0.000184	0.000014	-0.000174
33	0.0352	0.4298	0.0999	0.000185	0.000009	0.000204
34	0.0209	0.4285	-0.1306	0.000342	0.000086	0.000593
35	-0.0185	0.4282	0.1325	0.000344	-0.000076	0.000588
36	0.0340	0.4297	-0.0982	0.000183	-0.000003	-0.000213
37	0.0014	0.4326	0.0004	0.000184	-0.000014	0.000174
38	-0.0353	0.4294	0.0999	0.000185	-0.000009	-0.000204
39	-0.0206	0.4281	-0.1305	0.000342	-0.000086	-0.000593
40	0.0183	0.4278	0.1324	0.000344	0.000076	-0.000588
41	0.0001	0.5051	-0.0332	0.002031	0.000064	0.000000
42	0.0001	0.5050	0.0053	0.001846	-0.000001	0.000000
43	0.0001	0.5049	-0.0684	0.000564	-0.000029	0.000000
44	0.0001	0.5048	-0.0683	0.000564	0.000028	0.000000
45	0.0001	0.5047	0.0053	0.001846	0.000001	0.000000

46	0.0001	0.5047	-0.0332	0.002030	-0.000064	0.000000
47	0.0000	0.5051	-0.0076	0.002511	-0.000080	0.000000
48	0.0000	0.5050	0.0000	0.000667	0.000016	0.000000
49	0.0000	0.5049	0.0229	0.002696	0.000099	0.000000
50	0.0000	0.5048	0.0229	0.002696	-0.000099	0.000000
51	0.0000	0.5047	0.0000	0.000666	-0.000016	0.000000
52	0.0000	0.5047	-0.0076	0.002510	0.000080	0.000000
53	-0.0001	0.5051	0.0384	0.002023	-0.000082	0.000000
54	-0.0001	0.5050	-0.0139	0.001948	0.000054	0.000000
55	-0.0001	0.5049	-0.0106	0.002887	-0.000092	0.000000
56	-0.0001	0.5048	-0.0106	0.002887	0.000092	0.000000
57	-0.0001	0.5047	-0.0139	0.001948	-0.000053	0.000000
58	-0.0001	0.5047	0.0384	0.002022	0.000082	0.000000
59	0.0001	0.5051	-0.1190	0.000222	-0.000005	0.000000
60	0.0001	0.5050	-0.0853	0.000763	-0.000071	0.000000
61	0.0001	0.5049	-0.0607	0.000684	0.000090	0.000000
62	0.0001	0.5048	-0.0607	0.000684	-0.000090	0.000000
63	0.0001	0.5047	-0.0853	0.000762	0.000071	0.000000
64	0.0001	0.5047	-0.1189	0.000222	0.000005	0.000000
65	-0.0001	0.5051	0.1222	0.000216	0.000007	0.000000
66	-0.0001	0.5050	0.0926	0.000815	0.000091	0.000000
67	-0.0001	0.5049	0.0742	0.000528	-0.000212	0.000000
68	-0.0001	0.5048	0.0742	0.000528	0.000212	0.000000
69	-0.0001	0.5047	0.0925	0.000814	-0.000090	0.000000
70	-0.0001	0.5047	0.1221	0.000216	-0.000007	0.000000
71	0.0001	0.5051	-0.1002	0.000578	0.000094	0.000000
72	0.0000	0.5051	0.0003	0.000643	-0.000111	0.000000
73	-0.0001	0.5051	0.1018	0.000575	-0.000080	0.000000
74	0.0001	0.5051	-0.1307	0.000276	0.000056	0.000000
75	-0.0001	0.5051	0.1326	0.000278	-0.000047	0.000000
76	0.0001	0.5046	-0.1001	0.000578	-0.000094	0.000000
77	0.0000	0.5046	0.0003	0.000642	0.000110	0.000000
78	-0.0001	0.5046	0.1018	0.000575	0.000080	0.000000
79	0.0001	0.5046	-0.1306	0.000276	-0.000056	0.000000
80	-0.0001	0.5046	0.1326	0.000278	0.000047	0.000000
81	0.0001	0.5049	-0.0694	0.001587	0.000061	0.000000
82	0.0001	0.5048	-0.0696	0.001587	-0.000058	0.000000
83	0.0001	2.2983	-0.0352	0.003952	0.000206	0.000000
84	0.0001	2.2982	0.0042	0.006450	-0.000554	0.000000
85	0.0001	2.2981	-0.9217	0.004631	-0.000907	0.000000
86	0.0001	2.2980	-0.9219	0.004631	0.000907	0.000000
87	0.0001	2.2979	0.0042	0.006450	0.000554	0.000000
88	0.0001	2.2978	-0.0352	0.003952	-0.000206	0.000000
89	0.0000	2.2983	-0.0078	0.000990	0.000052	0.000000
90	0.0000	2.2981	0.0248	0.002246	-0.000066	0.000000
91	0.0000	2.2980	0.0248	0.002247	0.000066	0.000000
92	0.0000	2.2978	-0.0078	0.000989	-0.000051	0.000000
93	-0.0001	2.2983	0.0409	0.003857	-0.000062	0.000000
94	-0.0001	2.2982	-0.0138	0.006374	-0.000050	0.000000
95	-0.0001	2.2981	-0.0076	0.004659	0.000050	0.000000
96	-0.0001	2.2980	-0.0076	0.004659	-0.000050	0.000000
97	-0.0001	2.2979	-0.0138	0.006374	0.000050	0.000000
98	-0.0001	2.2978	0.0409	0.003857	0.000062	0.000000
99	0.0000	2.2981	-0.0739	0.004387	-0.000265	0.000000
100	0.0000	2.2980	-0.0741	0.004387	0.000265	0.000000
101	0.0001	0.5050	-0.1051	0.000889	0.000109	0.000000
102	0.0001	0.5050	-0.0936	0.001118	0.000092	0.000000
103	0.0190	0.2132	-0.1041	0.000975	0.000081	0.000724
104	0.0173	0.1231	-0.0931	0.001255	0.000072	0.000529
105	0.0096	0.4304	-0.1177	0.000757	0.000000	0.000411
106	0.0076	0.3066	-0.0839	0.001840	0.000000	0.000155
107	0.0095	0.4686	-0.1308	0.000213	0.000061	0.000158
108	0.0001	0.5050	-0.0753	0.001401	0.000097	0.000000
109	0.0001	0.5049	-0.0682	0.001692	0.000038	0.000000
110	0.0001	0.5049	-0.0631	0.001377	0.000007	0.000000
111	0.0131	0.0272	-0.0749	0.001610	0.000054	0.000169
112	0.0106	0.0110	-0.0680	0.001692	0.000042	0.000063
113	0.0079	0.0066	-0.0629	0.001795	0.000030	0.000007
114	0.0026	0.2952	-0.0596	0.002057	0.000000	-0.000025
115	0.0001	0.5049	-0.0576	0.001288	0.000001	0.000000
116	0.0001	0.5049	-0.0569	0.001569	0.000000	0.000000
117	0.0001	0.5048	-0.0576	0.001288	-0.000001	0.000000

118	0.0026	0.0086	-0.0575	0.001863	0.000011	-0.000011
119	0.0001	0.0091	-0.0568	0.001849	0.000000	0.000000
120	-0.0024	0.0086	-0.0574	0.001863	-0.000010	0.000011
121	-0.0024	0.2952	-0.0596	0.002056	0.000000	0.000025
122	0.0001	0.5048	-0.0631	0.001377	-0.000007	0.000000
123	0.0001	0.5048	-0.0682	0.001691	-0.000038	0.000000
124	0.0001	0.5047	-0.0753	0.001401	-0.000097	0.000000
125	-0.0077	0.0066	-0.0628	0.001794	-0.000030	-0.000007
126	-0.0104	0.0110	-0.0680	0.001691	-0.000042	-0.000063
127	-0.0129	0.0272	-0.0749	0.001609	-0.000054	-0.000168
128	-0.0074	0.3064	-0.0839	0.001839	0.000000	-0.000155
129	0.0001	0.5047	-0.0936	0.001117	-0.000092	0.000000
130	0.0001	0.5047	-0.1050	0.000888	-0.000109	0.000000
131	-0.0171	0.1230	-0.0930	0.001255	-0.000072	-0.000528
132	-0.0187	0.2131	-0.1041	0.000974	-0.000081	-0.000723
133	-0.0093	0.4301	-0.1176	0.000756	0.000000	-0.000411
134	-0.0092	0.4681	-0.1307	0.000213	-0.000061	-0.000157
135	-0.0001	0.5050	0.1097	0.000885	-0.000097	0.000000
136	-0.0001	0.5050	0.0996	0.001133	-0.000086	0.000000
137	-0.0167	0.2132	0.1086	0.000974	-0.000071	0.000725
138	-0.0151	0.1228	0.0989	0.001252	-0.000063	0.000530
139	-0.0084	0.4306	0.1209	0.000759	0.000000	0.000409
140	-0.0066	0.3047	0.0912	0.001817	0.000000	0.000153
141	-0.0083	0.4685	0.1327	0.000213	-0.000054	0.000156
142	-0.0001	0.5050	0.0841	0.001410	-0.000087	0.000000
143	-0.0001	0.5049	0.0783	0.001685	-0.000037	0.000000
144	-0.0001	0.5049	0.0746	0.001326	0.000040	0.000000
145	-0.0111	0.0273	0.0835	0.001611	-0.000044	0.000164
146	-0.0089	0.0119	0.0780	0.001701	-0.000033	0.000056
147	-0.0066	0.0085	0.0742	0.001815	-0.000022	0.000002
148	-0.0022	0.3027	0.0722	0.002105	0.000000	-0.000030
149	-0.0001	0.5049	0.0704	0.001220	0.000026	0.000000
150	-0.0001	0.5049	0.0698	0.001543	0.000000	0.000000
151	-0.0001	0.5048	0.0704	0.001220	-0.000026	0.000000
152	-0.0022	0.0116	0.0701	0.001890	-0.000009	-0.000013
153	-0.0001	0.0122	0.0695	0.001874	0.000000	0.000000
154	0.0020	0.0116	0.0701	0.001890	0.000009	0.000013
155	0.0020	0.3027	0.0722	0.002105	0.000000	0.000030
156	-0.0001	0.5048	0.0746	0.001325	-0.000040	0.000000
157	-0.0001	0.5048	0.0783	0.001684	0.000037	0.000000
158	-0.0001	0.5047	0.0840	0.001409	0.000087	0.000000
159	0.0063	0.0085	0.0741	0.001815	0.000022	-0.000002
160	0.0087	0.0119	0.0780	0.001701	0.000032	-0.000056
161	0.0109	0.0273	0.0835	0.001611	0.000044	-0.000164
162	0.0063	0.3045	0.0912	0.001816	0.000000	-0.000153
163	-0.0001	0.5047	0.0995	0.001132	0.000086	0.000000
164	-0.0001	0.5047	0.1096	0.000884	0.000097	0.000000
165	0.0149	0.1227	0.0989	0.001251	0.000063	-0.000529
166	0.0164	0.2130	0.1086	0.000973	0.000071	-0.000724
167	0.0082	0.4302	0.1208	0.000759	0.000000	-0.000409
168	0.0081	0.4680	0.1326	0.000213	0.000054	-0.000155
169	0.0000	0.5051	-0.0241	0.000058	-0.000142	0.000000
170	0.0000	0.5051	-0.0483	0.000244	-0.000197	0.000000
171	0.0001	0.5051	-0.0735	0.000092	-0.000169	0.000000
172	-0.0231	0.4329	-0.0236	0.000185	-0.000008	-0.000156
173	-0.0404	0.4323	-0.0479	0.000189	-0.000030	-0.000102
174	-0.0472	0.4314	-0.0730	0.000197	-0.000036	0.000008
175	-0.0050	0.4687	0.0004	0.000000	0.000038	-0.000110
176	-0.0137	0.4680	-0.0999	0.000000	-0.000266	0.000168
177	-0.0001	0.5051	0.0749	0.000096	0.000166	0.000000
178	0.0000	0.5051	0.0494	0.000245	0.000182	0.000000
179	0.0000	0.5051	0.0249	0.000061	0.000061	0.000000
180	0.0472	0.4311	0.0744	0.000199	0.000050	-0.000003
181	0.0391	0.4321	0.0490	0.000190	0.000051	-0.000113
182	0.0207	0.4328	0.0245	0.000186	0.000040	-0.000162
183	0.0144	0.4679	0.1015	0.000000	0.000262	0.000162
184	0.0000	0.5046	-0.0240	0.000058	0.000142	0.000000
185	0.0000	0.5046	-0.0483	0.000244	0.000196	0.000000
186	0.0001	0.5046	-0.0735	0.000092	0.000169	0.000000
187	0.0232	0.4325	-0.0236	0.000185	0.000008	0.000157
188	0.0404	0.4319	-0.0479	0.000189	0.000030	0.000102
189	0.0472	0.4310	-0.0730	0.000197	0.000036	-0.000008

190	0.0050	0.4682	0.0004	0.000000	-0.000038	0.000110
191	0.0139	0.4676	-0.0998	0.000000	0.000265	-0.000167
192	-0.0001	0.5046	0.0748	0.000096	-0.000166	0.000000
193	0.0000	0.5046	0.0494	0.000245	-0.000182	0.000000
194	0.0000	0.5046	0.0249	0.000061	-0.000061	0.000000
195	-0.0473	0.4307	0.0743	0.000199	-0.000050	0.000003
196	-0.0391	0.4317	0.0490	0.000190	-0.000051	0.000113
197	-0.0208	0.4323	0.0245	0.000186	-0.000040	0.000162
198	-0.0146	0.4675	0.1014	0.000000	-0.000261	-0.000161
199	0.0000	0.5049	-0.0907	0.000130	0.000394	0.000000
200	0.0000	0.5049	-0.0703	-0.000506	0.000110	0.000000
201	0.0000	0.5049	-0.0275	-0.000391	-0.000218	0.000000
202	0.0001	0.5049	-0.0884	-0.000752	0.000139	0.000000
203	0.0001	0.5049	-0.0764	-0.000117	-0.000073	0.000000
204	0.0001	0.5049	-0.0778	0.000066	0.000025	0.000000
205	0.0001	0.5049	-0.0768	0.000063	0.000000	0.000000
206	0.0001	0.5048	-0.0778	0.000066	-0.000025	0.000000
207	0.0001	0.5048	-0.0764	-0.000122	0.000074	0.000000
208	0.0001	0.5048	-0.0884	-0.000755	-0.000141	0.000000
209	0.0000	0.5048	-0.0276	-0.000391	0.000216	0.000000
210	0.0000	0.5048	-0.0704	-0.000506	-0.000111	0.000000
211	0.0000	0.5048	-0.0907	0.000132	-0.000395	0.000000
212	0.0000	0.5048	0.0223	0.001113	0.000029	0.000000
213	0.0000	0.5048	0.0208	0.000705	-0.000015	0.000000
214	0.0000	0.5049	0.0214	0.000588	0.000000	0.000000
215	0.0000	0.5049	0.0208	0.000704	0.000015	0.000000
216	0.0000	0.5049	0.0224	0.001113	-0.000029	0.000000
217	0.0084	0.3204	-0.0936	0.001357	0.000000	0.000056
218	0.0093	0.3625	-0.1049	0.001012	0.000000	0.000530
219	0.0039	0.2735	-0.0631	0.001735	0.000000	-0.000257
220	0.0053	0.2566	-0.0682	0.001602	0.000000	0.000013
221	0.0066	0.2757	-0.0753	0.001677	0.000000	0.000260
222	-0.0012	0.2805	-0.0576	0.001732	0.000000	-0.000236
223	0.0001	0.2660	-0.0568	0.001598	0.000000	0.000000
224	0.0014	0.2806	-0.0576	0.001732	0.000000	0.000236
225	-0.0064	0.2756	-0.0753	0.001676	0.000000	-0.000259
226	-0.0050	0.2565	-0.0681	0.001602	0.000000	-0.000013
227	-0.0036	0.2735	-0.0631	0.001734	0.000000	0.000257
228	-0.0091	0.3623	-0.1048	0.001012	0.000000	-0.000530
229	-0.0082	0.3203	-0.0936	0.001356	0.000000	-0.000056
230	-0.0073	0.3195	0.0995	0.001353	0.000000	0.000070
231	-0.0082	0.3627	0.1094	0.001015	0.000000	0.000532
232	-0.0031	0.2775	0.0746	0.001737	0.000000	-0.000299
233	-0.0044	0.2576	0.0783	0.001595	0.000000	0.000013
234	-0.0057	0.2754	0.0840	0.001671	0.000000	0.000240
235	0.0011	0.2859	0.0705	0.001732	0.000000	-0.000271
236	-0.0001	0.2693	0.0697	0.001578	0.000000	0.000000
237	-0.0013	0.2859	0.0705	0.001732	0.000000	0.000271
238	0.0054	0.2753	0.0839	0.001670	0.000000	-0.000240
239	0.0042	0.2575	0.0782	0.001594	0.000000	-0.000013
240	0.0029	0.2774	0.0746	0.001737	0.000000	0.000299
241	0.0079	0.3625	0.1094	0.001014	0.000000	-0.000532
242	0.0071	0.3193	0.0995	0.001352	0.000000	-0.000070
243	-0.0282	0.4681	-0.0733	0.000000	-0.000211	0.000048
244	-0.0265	0.4684	-0.0483	0.000000	-0.000155	-0.000076
245	-0.0168	0.4686	-0.0238	0.000000	-0.000079	-0.000074
246	0.0109	0.4686	0.0247	0.000000	0.000088	-0.000132
247	0.0246	0.4683	0.0493	0.000000	0.000143	-0.000081
248	0.0276	0.4680	0.0747	0.000000	0.000206	0.000034
249	0.0283	0.4677	-0.0733	0.000000	0.000211	-0.000047
250	0.0265	0.4680	-0.0482	0.000000	0.000154	0.000076
251	0.0168	0.4682	-0.0238	0.000000	0.000079	0.000074
252	-0.0109	0.4681	0.0247	0.000000	-0.000087	0.000132
253	-0.0247	0.4679	0.0493	0.000000	-0.000143	0.000081
254	-0.0277	0.4675	0.0746	0.000000	-0.000206	-0.000034
255	0.0000	0.5048	-0.0511	0.000512	-0.000394	0.000000
256	0.0000	0.5048	-0.0619	-0.000243	-0.000104	0.000000
257	0.0000	0.5048	-0.0524	0.000050	0.000241	0.000000
258	0.0001	0.5048	-0.0620	0.000072	0.000003	0.000000
259	0.0001	0.5048	-0.0751	0.000127	-0.000121	0.000000
260	0.0001	0.5048	-0.0711	0.000088	0.000025	0.000000
261	0.0001	0.5049	-0.0722	0.000051	0.000000	0.000000

262	0.0001	0.5049	-0.0712	0.000087	-0.000023	0.000000
263	0.0001	0.5049	-0.0750	0.000120	0.000115	0.000000
264	0.0000	0.5048	-0.0281	0.000445	-0.000106	0.000000
265	0.0000	0.5048	-0.0547	0.000174	-0.000064	0.000000
266	0.0000	0.5048	-0.0631	0.000017	0.000009	0.000000
267	0.0001	0.5048	-0.0654	0.000072	0.000064	0.000000
268	0.0001	0.5049	-0.0683	0.000028	0.000000	0.000000
269	0.0001	0.5049	-0.0655	0.000074	-0.000065	0.000000
270	0.0001	0.5049	-0.0626	0.000069	0.000009	0.000000
271	0.0000	0.5049	-0.0235	0.000440	-0.000001	0.000000
272	0.0000	0.5049	-0.0518	0.000213	0.000000	0.000000
273	0.0000	0.5049	-0.0636	0.000068	0.000000	0.000000
274	0.0000	0.5049	-0.0632	0.000017	-0.000008	0.000000
275	0.0000	0.5049	-0.0522	0.000067	-0.000246	0.000000
276	0.0000	0.5049	-0.0282	0.000442	0.000106	0.000000
277	0.0000	0.5049	-0.0548	0.000172	0.000061	0.000000
278	0.0000	0.5049	-0.0614	-0.000251	0.000097	0.000000
279	0.0000	0.5049	-0.0514	0.000501	0.000394	0.000000

2.1.7.2 Sollecitazioni SLV

Tabella 26.I

Sollecitazioni									
Asta	Imp.	Fili	X [cm]	N [daN]	Mt [daNm]	Mxz [daNm]	Txz [daN]	Mxy [daNm]	Txy [daN]
1	FONDAZIONE	1, 2	0	-68.44	-55.32	123.99	-212.19	77.04	107.10
			218	-67.37	-55.24	-129.53	-59.17	-53.97	15.90
			435	-66.69	-55.16	-260.18	-74.54	0.78	-65.86
2	FONDAZIONE	7, 1	0	-58.26	78.54	353.14	-194.47	-53.71	-23.75
			260	58.61	78.55	-170.56	-191.30	8.54	-24.55
			520	175.98	78.58	-668.21	-114.90	76.95	-27.68
3	FONDAZIONE	2, 3	0	-36.74	342.28	-294.39	37.21	-17.02	68.85
			268	-39.34	342.41	-160.73	121.23	-62.44	-38.10
			535	-42.29	342.64	856.34	736.86	219.96	-180.13
4	FONDAZIONE	8, 2	0	-116.86	-20.62	340.19	-143.47	6.28	4.45
			260	-19.33	-20.62	-89.32	-194.56	-3.76	3.44
			520	78.04	-20.63	-854.64	-362.52	-12.08	2.81
5	FONDAZIONE	3, 4	0	20.14	-0.37	775.60	-806.50	161.88	157.75
			265	20.09	-0.09	-262.14	-0.03	-46.00	0.01
			530	20.22	0.18	775.31	806.34	161.82	-157.71
6	FONDAZIONE	9, 3	0	536.66	-46.73	313.67	-108.22	40.92	18.14
			260	683.36	-46.73	-389.13	-382.65	-6.16	18.41
			520	835.73	-46.75	-1440.77	-230.33	-57.19	20.60
7	FONDAZIONE	4, 5	0	-42.25	-342.63	856.25	-736.76	219.79	180.03
			268	-39.23	-342.40	-160.71	-121.23	-62.41	38.05
			535	-36.54	-342.27	-294.45	-37.24	-16.95	-68.82
8	FONDAZIONE	10, 4	0	536.48	46.72	313.60	-108.19	-40.90	-18.14
			260	683.14	46.72	-389.05	-382.57	6.18	-18.39
			520	835.47	46.73	-1440.47	-230.27	57.11	-20.53
9	FONDAZIONE	5, 6	0	-66.65	55.06	-259.90	74.44	0.81	65.79
			218	-67.25	55.14	-129.47	59.07	-53.89	-15.87
			435	-68.25	55.22	123.72	211.99	76.92	-106.92
10	FONDAZIONE	11, 5	0	-116.80	20.60	340.02	-143.40	-6.32	-4.48
			260	-19.35	20.60	-89.27	-194.46	3.78	-3.45
			520	77.93	20.60	-854.20	-362.35	12.07	-2.76
11	FONDAZIONE	12, 6	0	-58.12	-78.53	352.74	-194.29	53.57	23.67
			260	58.55	-78.54	-170.44	-191.12	-8.50	24.49
			520	175.69	-78.57	-667.53	-114.72	-76.80	27.67
12	FONDAZIONE	7, 8	0	9.39	-27.70	0.28	6.18	110.75	116.09

			215	9.83	-27.68	12.75	7.02	-38.35	24.61
			430	10.34	-27.67	32.41	10.29	-2.10	-57.62
13	FONDAZIONE	13, 7	0	-181.97	93.87	581.40	-55.81	-75.51	-27.70
			240	-73.49	93.84	194.00	-191.69	-9.36	-27.06
			480	34.48	93.83	-324.85	-216.49	56.37	-28.01
14	FONDAZIONE	8, 9	0	-2.69	51.03	85.03	10.45	-11.90	68.82
			270	-5.10	51.05	70.07	-45.65	-57.96	-37.09
			540	-7.56	51.08	-365.09	-317.50	216.67	-172.33
15	FONDAZIONE	14, 8	0	-77.65	26.92	571.54	-300.24	5.38	2.13
			245	14.21	26.92	18.18	-141.72	0.76	1.70
			490	106.18	26.92	-292.68	-112.33	-3.51	1.90
16	FONDAZIONE	9, 10	0	-33.02	-0.05	-304.80	334.95	136.06	144.15
			265	-32.88	-0.01	122.63	0.01	-53.20	0.01
			530	-33.03	0.03	-304.71	-334.90	136.01	-144.11
17	FONDAZIONE	15, 9	0	235.51	-3.23	402.63	-145.92	47.47	20.29
			240	364.53	-3.23	1.29	-197.47	2.09	17.55
			480	496.12	-3.22	-834.45	-499.78	-38.69	16.62
18	FONDAZIONE	10, 11	0	-7.52	-51.08	-365.06	317.46	216.53	172.24
			270	-5.07	-51.05	70.05	45.65	-57.92	37.06
			540	-2.66	-51.03	85.02	-10.45	-11.85	-68.78
19	FONDAZIONE	16, 10	0	235.46	3.21	402.48	-145.86	-47.38	-20.21
			240	364.44	3.20	1.27	-197.43	-2.11	-17.53
			480	496.00	3.20	-834.32	-499.71	38.66	-16.63
20	FONDAZIONE	11, 12	0	10.36	27.62	32.41	-10.28	-1.98	57.61
			215	9.85	27.63	12.75	-7.02	-38.30	-24.53
			430	9.40	27.65	0.29	-6.17	110.48	-115.86
21	FONDAZIONE	17, 11	0	-77.54	-26.94	571.16	-300.10	-5.37	-2.09
			245	14.24	-26.93	18.12	-141.63	-0.78	-1.71
			490	106.13	-26.93	-292.53	-112.26	3.56	-1.93
22	FONDAZIONE	18, 12	0	-181.69	-93.87	580.71	-55.62	75.36	27.69
			240	-73.40	-93.83	193.87	-191.48	9.32	26.99
			480	34.36	-93.82	-324.43	-216.27	-56.22	27.92
23	FONDAZIONE	13, 14	0	78.01	-150.82	-149.53	230.63	75.41	104.64
			218	75.17	-150.74	105.45	51.19	-49.90	13.00
			435	72.76	-150.70	251.49	110.52	11.91	-69.34
24	FONDAZIONE	14, 15	0	58.90	-63.07	235.52	-168.53	0.88	72.26
			265	57.62	-63.04	-13.36	-30.24	-56.71	-30.72
			530	56.84	-63.02	-2.38	26.25	187.10	-158.64
25	FONDAZIONE	15, 16	0	56.52	-0.02	-22.38	-5.74	141.48	141.91
			270	56.22	-0.02	-23.74	0.02	-48.55	0.00
			540	56.43	-0.01	-22.24	5.79	141.44	-141.88
26	FONDAZIONE	16, 17	0	56.86	62.97	-2.55	-26.18	186.95	158.54
			265	57.55	62.98	-13.37	30.28	-56.67	30.67
			530	58.74	63.01	235.64	168.58	0.95	-72.24
27	FONDAZIONE	17, 18	0	72.74	150.60	251.30	-110.47	11.94	69.28
			218	75.07	150.64	105.41	-51.11	-49.82	-12.97
			435	77.84	150.71	-149.29	-230.45	75.28	-104.47
28	FONDAZIONE	19, 20	0	-1414.64	562.37	33.97	-289.03	32.33	918.69
			72	-1386.82	562.45	-64.00	27.92	-472.54	504.00
			143	-1359.85	562.55	58.86	327.29	-708.76	168.12
29	FONDAZIONE	19, 20	0	-1899.63	477.41	59.49	-281.91	-766.99	375.75
			72	-1873.65	477.53	-45.29	1.23	-937.68	112.16
			143	-1848.82	477.67	47.40	268.88	-942.71	-88.26
30	FONDAZIONE	19, 20	0	-2289.90	312.50	47.97	-248.83	-896.91	165.92
			72	-2266.34	312.65	-43.49	4.27	-960.10	18.58

			143	-2244.16	312.81	41.69	243.70	-933.70	-85.82
31	FONDAZ IONE	34, 19	0	-836.87	525.92	164.82	-430.55	2114.12	1874.74
			70	-808.57	525.96	-19.38	-82.77	999.72	1320.40
			140	-780.75	526.03	33.21	245.76	249.03	837.32
32	FONDAZ IONE	20, 21	0	-2619.73	292.55	42.18	-224.29	-875.57	-142.22
			71	-2599.16	292.72	-40.67	1.15	-747.20	-213.39
			143	-2580.16	292.90	33.14	214.90	-577.10	-260.68
33	FONDAZ IONE	20, 21	0	-2906.97	139.90	33.56	-202.68	-546.20	-51.10
			71	-2889.63	140.08	-41.33	0.41	-498.11	-81.53
			143	-2874.04	140.27	25.28	193.89	-432.66	-100.72
34	FONDAZ IONE	20, 21	0	-3098.83	175.64	25.61	-180.91	-381.65	-159.82
			71	-3085.05	175.83	-39.60	4.21	-262.96	-172.58
			143	-3073.13	176.04	24.77	182.13	-136.40	-182.38
35	FONDAZ IONE	20, 21	0	-3196.47	32.68	25.00	-172.32	-69.11	35.47
			71	-3186.45	32.88	-38.19	-0.43	-91.19	26.57
			143	-3178.35	33.09	19.60	166.53	-106.95	17.55
36	FONDAZ IONE	21, 22	0	-3266.57	95.35	19.74	-148.23	-90.76	-148.45
			63	-3261.07	95.53	-29.05	-4.86	4.71	-157.25
			125	-3257.09	95.72	11.29	136.21	106.03	-167.19
37	FONDAZ IONE	21, 22	0	-3314.69	-26.70	11.36	-139.86	83.01	48.68
			63	-3312.24	-26.52	-32.88	-0.39	55.92	37.93
			125	-3311.33	-26.33	10.04	138.27	35.67	26.83
38	FONDAZ IONE	21, 22	0	-3311.55	26.07	10.04	-138.18	35.66	-26.85
			63	-3312.18	26.26	-32.88	0.48	55.92	-37.94
			125	-3314.35	26.44	11.36	139.94	83.03	-48.71
39	FONDAZ IONE	21, 22	0	-3257.20	-95.95	11.29	-136.11	106.03	167.13
			63	-3260.90	-95.77	-29.05	4.95	4.74	157.19
			125	-3266.12	-95.58	19.73	148.29	-90.70	148.39
40	FONDAZ IONE	22, 23	0	-3178.39	-33.31	19.60	-166.41	-106.89	-17.59
			71	-3186.16	-33.11	-38.18	0.52	-91.10	-26.63
			143	-3195.87	-32.90	25.00	172.36	-68.97	-35.53
41	FONDAZ IONE	22, 23	0	-3073.08	-176.22	24.76	-181.99	-136.26	182.28
			71	-3084.68	-176.02	-39.59	-4.12	-262.74	172.47
			143	-3098.15	-175.82	25.60	180.93	-381.34	159.70
42	FONDAZ IONE	22, 23	0	-2873.95	-140.42	25.27	-193.73	-432.34	100.61
			71	-2889.22	-140.24	-41.32	-0.32	-497.70	81.41
			143	-2906.24	-140.05	33.54	202.68	-545.71	50.98
43	FONDAZ IONE	22, 23	0	-2580.08	-292.94	33.13	-214.72	-576.59	260.47
			71	-2598.76	-292.76	-40.65	-1.07	-746.53	213.18
			143	-2619.01	-292.59	42.16	224.27	-874.78	142.06
44	FONDAZ IONE	23, 24	0	-2244.13	-312.79	41.67	-243.49	-932.86	85.64
			72	-2265.98	-312.63	-43.47	-4.18	-959.15	-18.69
			143	-2289.22	-312.48	47.94	248.79	-895.92	-165.93
45	FONDAZ IONE	23, 24	0	-1848.89	-477.52	47.38	-268.65	-941.68	88.10
			72	-1873.40	-477.38	-45.27	-1.14	-936.58	-112.18
			143	-1899.05	-477.26	59.45	281.84	-765.95	-375.56
46	FONDAZ IONE	23, 24	0	-1360.11	-562.31	58.82	-327.01	-707.75	-168.10
			72	-1386.76	-562.21	-63.96	-27.81	-471.65	-503.71
			143	-1414.26	-562.12	33.96	288.96	32.89	-918.04
47	FONDAZ IONE	24, 39	0	-781.29	-525.75	33.20	-245.58	249.44	-836.81
			70	-808.79	-525.68	-19.40	82.76	999.63	-1319.46
			140	-836.78	-525.64	164.66	430.34	2113.20	-1873.29
48	FONDAZ IONE	25, 26	0	1372.27	561.06	-35.41	299.11	45.34	923.04
			72	1347.71	561.14	65.71	-27.69	-462.62	508.30
			143	1323.97	561.24	-61.71	-338.75	-701.92	172.44

49	FONDAZ IONE	25, 26	0	1817.53	472.89	-62.27	296.09	-763.03	384.98
			72	1794.75	473.01	47.30	-0.58	-940.39	121.56
			143	1773.08	473.14	-50.97	-283.64	-952.26	-78.53
50	FONDAZ IONE	25, 26	0	2156.22	317.24	-51.46	266.60	-909.72	162.79
			72	2135.74	317.39	46.03	-3.79	-970.81	15.87
			143	2116.58	317.54	-46.17	-262.43	-942.63	-88.12
51	FONDAZ IONE	35, 25	0	829.27	522.57	-168.04	439.14	2141.18	1883.25
			70	804.17	522.61	19.47	85.20	1020.71	1329.15
			140	779.54	522.68	-34.72	-251.22	263.88	846.08
52	FONDAZ IONE	26, 27	0	2416.34	295.91	-46.59	245.77	-884.88	-135.88
			71	2398.66	296.07	43.61	-0.69	-761.13	-206.78
			143	2382.43	296.25	-38.48	-237.39	-595.77	-254.06
53	FONDAZ IONE	26, 27	0	2610.65	154.06	-38.82	226.96	-562.74	-56.56
			71	2595.93	154.25	44.09	-1.03	-510.64	-87.40
			143	2582.78	154.44	-32.90	-221.38	-440.69	-107.57
54	FONDAZ IONE	26, 27	0	2681.22	194.71	-33.16	207.59	-385.25	-170.26
			71	2669.67	194.91	40.48	-6.31	-258.58	-184.67
			143	2659.72	195.11	-36.57	-214.80	-122.62	-196.80
55	FONDAZ IONE	26, 27	0	2673.94	33.10	-36.74	204.29	-49.85	52.04
			71	2665.61	33.31	37.53	0.27	-82.73	40.24
			143	2658.89	33.52	-32.49	-200.12	-107.05	27.86
56	FONDAZ IONE	27, 28	0	2692.52	107.17	-32.59	180.64	-90.83	-162.40
			63	2687.96	107.36	26.89	7.13	14.36	-174.47
			125	2684.65	107.55	-21.73	-164.59	127.55	-187.96
57	FONDAZ IONE	27, 28	0	2737.66	-31.32	-21.79	171.92	100.24	60.00
			63	2735.61	-31.14	32.75	1.50	67.23	45.52
			125	2734.83	-30.95	-19.20	-168.23	43.42	30.64
58	FONDAZ IONE	27, 28	0	2735.06	30.68	-19.20	168.14	43.41	-30.66
			63	2735.56	30.87	32.75	-1.59	67.23	-45.54
			125	2737.33	31.06	-21.78	-172.00	100.25	-60.02
59	FONDAZ IONE	27, 28	0	2684.79	-107.78	-21.73	164.48	127.55	187.91
			63	2687.82	-107.59	26.89	-7.22	14.39	174.41
			125	2692.11	-107.41	-32.58	-180.71	-90.77	162.33
60	FONDAZ IONE	28, 29	0	2658.96	-33.75	-32.48	199.99	-107.00	-27.90
			71	2665.37	-33.54	37.52	-0.36	-82.64	-40.29
			143	2673.38	-33.33	-36.73	-204.34	-49.71	-52.11
61	FONDAZ IONE	28, 29	0	2659.71	-195.29	-36.56	214.66	-122.47	196.70
			71	2669.34	-195.09	40.47	6.22	-258.36	184.56
			143	2680.58	-194.89	-33.14	-207.61	-384.95	170.14
62	FONDAZ IONE	28, 29	0	2582.72	-154.59	-32.89	221.22	-440.38	107.46
			71	2595.56	-154.40	44.08	0.94	-510.24	87.28
			143	2609.96	-154.22	-38.80	-226.96	-562.25	56.45
63	FONDAZ IONE	28, 29	0	2382.37	-296.29	-38.46	237.20	-595.26	253.84
			71	2398.28	-296.11	43.59	0.60	-760.47	206.57
			143	2415.65	-295.95	-46.57	-245.75	-884.09	135.71
64	FONDAZ IONE	29, 30	0	2116.56	-317.52	-46.15	262.22	-941.79	87.95
			72	2135.41	-317.36	46.01	3.71	-969.87	-15.98
			143	2155.56	-317.21	-51.43	-266.56	-908.73	-162.80
65	FONDAZ IONE	29, 30	0	1773.15	-472.99	-50.94	283.41	-951.23	78.37
			72	1794.51	-472.86	47.27	0.50	-939.29	-121.58
			143	1816.97	-472.74	-62.23	-296.02	-762.00	-384.79
66	FONDAZ IONE	29, 30	0	1324.24	-561.00	-61.67	338.48	-700.91	-172.41
			72	1347.65	-560.89	65.67	27.59	-461.74	-508.00
			143	1371.90	-560.81	-35.40	-299.04	45.89	-922.38
67	FONDAZ	30, 40	0	780.07	-522.40	-34.71	251.04	264.27	-845.57

	IONE								
			70	804.39	-522.33	19.49	-85.18	1020.60	-1328.21
			140	829.17	-522.29	-167.88	-438.93	2140.23	-1881.79
68	FONDAZ IONE	32, 31	0	-732.80	-41.15	0.12	157.95	16.16	-107.51
			65	-183.35	-41.15	-4.16	172.12	88.13	-116.35
			130	366.01	-41.15	10.70	216.83	170.40	-139.08
69	FONDAZ IONE	32, 31	0	-1232.66	-41.17	9.39	94.52	190.87	-111.52
			65	-683.52	-41.17	-16.22	169.77	274.25	-147.07
			130	-134.73	-41.17	17.15	275.88	384.42	-193.61
70	FONDAZ IONE	32, 31	0	-1701.21	-10.39	15.81	32.22	423.35	-185.61
			65	-1152.88	-10.40	-30.01	169.51	561.46	-240.46
			130	-605.13	-10.40	23.81	338.64	736.91	-299.72
71	FONDAZ IONE	32, 31	0	-2147.81	73.12	22.42	35.46	805.15	-349.27
			65	-1600.76	73.12	-0.21	237.00	1051.37	-407.63
			130	-1054.50	73.12	118.82	470.78	1333.32	-457.75
72	FONDAZ IONE	31, 34	0	-2466.26	143.62	117.47	-546.53	1470.14	-472.91
			70	-1878.99	143.62	-284.50	-260.39	1814.59	-506.42
			140	-1292.81	143.63	-472.00	68.40	2170.58	-502.80
73	FONDAZ IONE	33, 32	0	1105.94	77.47	-119.22	474.45	-1343.83	-461.99
			65	1651.82	77.47	0.97	236.73	-1059.59	-410.55
			130	2198.54	77.47	-22.94	31.62	-811.68	-351.68
74	FONDAZ IONE	33, 32	0	686.77	1.85	-24.35	342.26	-741.62	-308.25
			65	1234.21	1.86	30.81	169.89	-560.56	-249.34
			130	1782.27	1.86	-15.67	29.69	-416.33	-195.73
75	FONDAZ IONE	33, 32	0	248.44	-21.10	-17.02	279.18	-372.04	-210.32
			65	797.01	-21.10	17.68	170.45	-250.38	-165.85
			130	1345.98	-21.09	-8.24	92.83	-153.93	-133.07
76	FONDAZ IONE	33, 32	0	-231.74	-49.34	-9.56	219.30	-125.98	-113.36
			65	317.52	-49.33	6.21	172.40	-59.39	-93.87
			130	866.93	-49.33	1.43	156.13	-0.93	-88.44
77	FONDAZ IONE	35, 33	0	1315.19	148.03	468.93	75.21	-2197.79	-516.31
			70	1900.93	148.02	284.48	-258.66	-1833.40	-517.01
			140	2487.79	148.02	-117.86	-549.46	-1482.37	-481.27
78	FONDAZ IONE	37, 36	0	-732.12	41.07	0.12	157.80	-16.13	107.25
			65	-183.20	41.07	-4.16	171.96	-87.93	116.10
			130	365.64	41.07	10.69	216.64	-170.04	138.83
79	FONDAZ IONE	37, 36	0	-1231.63	41.11	9.38	94.40	-190.47	111.26
			65	-683.01	41.11	-16.21	169.61	-273.68	146.83
			130	-134.74	41.11	17.14	275.66	-383.71	193.40
80	FONDAZ IONE	37, 36	0	-1699.84	10.38	15.80	32.14	-422.60	185.37
			65	-1152.03	10.38	-29.99	169.35	-560.56	240.26
			130	-604.80	10.39	23.80	338.38	-735.89	299.59
81	FONDAZ IONE	37, 36	0	-2146.13	-73.04	22.41	35.38	-804.10	349.03
			65	-1599.59	-73.04	-0.21	236.79	-1050.20	407.49
			130	-1053.86	-73.04	118.75	470.44	-1332.10	457.75
82	FONDAZ IONE	36, 39	0	-2464.32	-143.48	117.40	-546.28	-1468.91	472.84
			70	-1877.61	-143.48	-284.34	-260.30	-1813.37	506.55
			140	-1291.99	-143.49	-471.73	68.29	-2169.54	503.20
83	FONDAZ IONE	38, 37	0	1105.27	-77.38	-119.15	474.11	1342.60	461.98
			65	1650.63	-77.38	0.97	236.53	1058.42	410.40
			130	2196.83	-77.39	-22.93	31.54	810.64	351.43
84	FONDAZ IONE	38, 37	0	686.40	-1.86	-24.34	342.00	740.61	308.11
			65	1233.32	-1.87	30.79	169.73	559.67	249.14
			130	1780.86	-1.87	-15.66	29.60	415.58	195.48
85	FONDAZ IONE	38, 37	0	248.40	21.05	-17.01	278.96	371.34	210.10

			65	796.45	21.05	17.67	170.29	249.83	165.60
			130	1344.90	21.04	-8.24	92.71	153.55	132.81
86	FONDAZIONE	38, 37	0	-231.43	49.26	-9.55	219.12	125.65	113.13
			65	317.31	49.25	6.21	172.24	59.22	93.62
			130	866.20	49.25	1.43	155.97	0.92	88.19
87	FONDAZIONE	40, 38	0	1314.35	-147.89	468.66	75.10	2196.74	516.71
			70	1899.54	-147.88	284.32	-258.57	1832.17	517.13
			140	2485.84	-147.88	-117.79	-549.21	1481.12	481.19
88	PRIMO IMPALCATO	1, 2	0	0.00	-6.91	10.05	-5.75	0.00	0.00
			215	0.00	-6.91	-2.30	-5.75	0.00	0.00
			430	0.00	-6.91	-14.66	-5.75	0.00	0.00
89	PRIMO IMPALCATO	7, 1	0	0.00	8.13	607.31	-225.45	0.00	0.00
			260	0.00	8.13	21.14	-225.45	0.00	0.00
			520	0.00	8.13	-565.04	-225.45	0.00	0.00
90	PRIMO IMPALCATO	1, 19	0	0.00	19.87	770.26	-648.50	0.00	0.00
			78	0.00	19.87	265.32	-648.50	0.00	0.00
			156	0.00	19.87	-239.62	-648.50	0.00	0.00
91	PRIMO IMPALCATO	31, 1	0	0.00	150.02	143.29	-170.23	0.00	0.00
			78	0.00	150.02	10.74	-170.23	0.00	0.00
			156	0.00	150.02	-121.80	-170.23	0.00	0.00
92	PRIMO IMPALCATO	2, 3	0	0.00	-38.27	-25.82	9.02	0.00	0.00
			270	0.00	-38.27	-1.45	9.02	0.00	0.00
			540	0.00	-38.27	22.91	9.02	0.00	0.00
93	PRIMO IMPALCATO	8, 2	0	0.00	-0.96	282.37	-128.55	0.00	0.00
			260	0.00	-0.96	-51.87	-128.55	0.00	0.00
			520	0.00	-0.96	-386.10	-128.55	0.00	0.00
94	PRIMO IMPALCATO	2, 20	0	0.00	6.54	787.59	-806.88	0.00	0.00
			78	0.00	6.54	159.33	-806.88	0.00	0.00
			156	0.00	6.54	-468.93	-806.88	0.00	0.00
95	PRIMO IMPALCATO	3, 4	0	0.00	-124.26	-48.56	92.46	0.00	0.00
			44	0.00	-124.26	-7.72	92.46	0.00	0.00
			88	0.00	-124.26	33.12	92.46	0.00	0.00
96	PRIMO IMPALCATO	3, 4	0	0.00	33.43	25.45	-19.34	0.00	0.00
			44	0.00	33.43	16.91	-19.34	0.00	0.00
			88	0.00	33.43	8.37	-19.34	0.00	0.00
97	PRIMO IMPALCATO	3, 4	0	0.00	-0.58	-5.29	2.39	0.00	0.00
			44	0.00	-0.58	-4.23	2.39	0.00	0.00
			88	0.00	-0.58	-3.17	2.39	0.00	0.00
98	PRIMO IMPALCATO	3, 4	0	0.00	0.62	-3.27	-2.47	0.00	0.00
			44	0.00	0.62	-4.36	-2.47	0.00	0.00
			88	0.00	0.62	-5.45	-2.47	0.00	0.00
99	PRIMO IMPALCATO	3, 4	0	0.00	-34.41	8.44	19.64	0.00	0.00
			44	0.00	-34.41	17.12	19.64	0.00	0.00
			88	0.00	-34.41	25.79	19.64	0.00	0.00
100	PRIMO IMPALCATO	3, 4	0	0.00	125.24	33.85	-94.48	0.00	0.00
			44	0.00	125.24	-7.88	-94.48	0.00	0.00

			88	0.00	125.24	-49.61	-94.48	0.00	0.00
101	PRIMO IMPALC ATO	3, 21	0	0.00	22.95	535.03	-663.99	0.00	0.00
			83	0.00	22.95	-15.02	-663.99	0.00	0.00
			166	0.00	22.95	-565.07	-663.99	0.00	0.00
102	PRIMO IMPALC ATO	41, 3	0	0.00	27.73	960.16	-755.71	0.00	0.00
			41	0.00	27.73	648.44	-755.71	0.00	0.00
			83	0.00	27.73	336.71	-755.71	0.00	0.00
103	PRIMO IMPALC ATO	41, 3	0	0.00	-59.55	-117.46	-599.37	0.00	0.00
			41	0.00	-59.55	-364.70	-599.37	0.00	0.00
			83	0.00	-59.55	-611.94	-599.37	0.00	0.00
104	PRIMO IMPALC ATO	4, 5	0	0.00	38.25	22.99	-9.05	0.00	0.00
			270	0.00	38.25	-1.45	-9.05	0.00	0.00
			540	0.00	38.25	-25.89	-9.05	0.00	0.00
105	PRIMO IMPALC ATO	4, 22	0	0.00	-22.87	535.09	-663.99	0.00	0.00
			83	0.00	-22.87	-14.96	-663.99	0.00	0.00
			166	0.00	-22.87	-565.01	-663.99	0.00	0.00
106	PRIMO IMPALC ATO	42, 4	0	0.00	-29.36	962.30	-758.84	0.00	0.00
			41	0.00	-29.36	649.28	-758.84	0.00	0.00
			83	0.00	-29.36	336.26	-758.84	0.00	0.00
107	PRIMO IMPALC ATO	42, 4	0	0.00	60.24	-120.10	-595.15	0.00	0.00
			41	0.00	60.24	-365.60	-595.15	0.00	0.00
			83	0.00	60.24	-611.10	-595.15	0.00	0.00
108	PRIMO IMPALC ATO	5, 6	0	0.00	6.89	-14.59	5.72	0.00	0.00
			215	0.00	6.89	-2.29	5.72	0.00	0.00
			430	0.00	6.89	10.00	5.72	0.00	0.00
109	PRIMO IMPALC ATO	11, 5	0	0.00	0.93	282.26	-128.51	0.00	0.00
			260	0.00	0.93	-51.87	-128.51	0.00	0.00
			520	0.00	0.93	-385.99	-128.51	0.00	0.00
110	PRIMO IMPALC ATO	5, 23	0	0.00	-6.50	787.46	-806.68	0.00	0.00
			78	0.00	-6.50	159.36	-806.68	0.00	0.00
			156	0.00	-6.50	-468.73	-806.68	0.00	0.00
111	PRIMO IMPALC ATO	12, 6	0	0.00	-8.13	607.09	-225.37	0.00	0.00
			260	0.00	-8.13	21.13	-225.37	0.00	0.00
			520	0.00	-8.13	-564.83	-225.37	0.00	0.00
112	PRIMO IMPALC ATO	6, 24	0	0.00	-19.85	770.00	-648.26	0.00	0.00
			78	0.00	-19.85	265.25	-648.26	0.00	0.00
			156	0.00	-19.85	-239.50	-648.26	0.00	0.00
113	PRIMO IMPALC ATO	6, 36	0	0.00	-149.96	-121.66	170.06	0.00	0.00
			78	0.00	-149.96	10.75	170.06	0.00	0.00
			156	0.00	-149.96	143.16	170.06	0.00	0.00
114	PRIMO IMPALC ATO	7, 8	0	0.00	-69.15	13.97	-4.92	0.00	0.00
			215	0.00	-69.15	3.40	-4.92	0.00	0.00
			430	0.00	-69.15	-7.18	-4.92	0.00	0.00
115	PRIMO IMPALC ATO	13, 7	0	0.00	0.11	585.70	-248.36	0.00	0.00

			245	0.00	0.11	-22.79	-248.36	0.00	0.00
			490	0.00	0.11	-631.28	-248.36	0.00	0.00
116	PRIMO IMPALC ATO	32, 7	0	0.00	192.27	-42.55	81.11	0.00	0.00
			78	0.00	192.27	20.61	81.11	0.00	0.00
			156	0.00	192.27	83.76	81.11	0.00	0.00
117	PRIMO IMPALC ATO	8, 9	0	0.00	60.55	-2.35	1.94	0.00	0.00
			270	0.00	60.55	2.88	1.94	0.00	0.00
			540	0.00	60.55	8.11	1.94	0.00	0.00
118	PRIMO IMPALC ATO	14, 8	0	0.00	-2.26	433.85	-152.68	0.00	0.00
			245	0.00	-2.26	59.79	-152.68	0.00	0.00
			490	0.00	-2.26	-314.28	-152.68	0.00	0.00
119	PRIMO IMPALC ATO	9, 10	0	0.00	-288.95	-64.32	95.51	0.00	0.00
			44	0.00	-288.95	-22.14	95.51	0.00	0.00
			88	0.00	-288.95	20.05	95.51	0.00	0.00
120	PRIMO IMPALC ATO	9, 10	0	0.00	-74.63	-3.65	25.33	0.00	0.00
			44	0.00	-74.63	7.54	25.33	0.00	0.00
			88	0.00	-74.63	18.73	25.33	0.00	0.00
121	PRIMO IMPALC ATO	9, 10	0	0.00	-21.21	-3.34	1.82	0.00	0.00
			44	0.00	-21.21	-2.54	1.82	0.00	0.00
			88	0.00	-21.21	-1.74	1.82	0.00	0.00
122	PRIMO IMPALC ATO	9, 10	0	0.00	21.36	-1.66	-2.04	0.00	0.00
			44	0.00	21.36	-2.56	-2.04	0.00	0.00
			88	0.00	21.36	-3.46	-2.04	0.00	0.00
123	PRIMO IMPALC ATO	9, 10	0	0.00	74.43	18.90	-25.56	0.00	0.00
			44	0.00	74.43	7.61	-25.56	0.00	0.00
			88	0.00	74.43	-3.68	-25.56	0.00	0.00
124	PRIMO IMPALC ATO	9, 10	0	0.00	288.92	20.37	-96.34	0.00	0.00
			44	0.00	288.92	-22.18	-96.34	0.00	0.00
			88	0.00	288.92	-64.73	-96.34	0.00	0.00
125	PRIMO IMPALC ATO	15, 9	0	0.00	11.70	826.90	-340.75	0.00	0.00
			240	0.00	11.70	9.10	-340.75	0.00	0.00
			480	0.00	11.70	-808.71	-340.75	0.00	0.00
126	PRIMO IMPALC ATO	9, 41	0	0.00	99.06	851.33	-413.13	0.00	0.00
			44	0.00	99.06	670.58	-413.13	0.00	0.00
			88	0.00	99.06	489.84	-413.13	0.00	0.00
127	PRIMO IMPALC ATO	9, 41	0	0.00	-95.32	236.63	-161.28	0.00	0.00
			44	0.00	-95.32	166.07	-161.28	0.00	0.00
			88	0.00	-95.32	95.50	-161.28	0.00	0.00
128	PRIMO IMPALC ATO	9, 41	0	0.00	-110.15	34.41	-147.17	0.00	0.00
			44	0.00	-110.15	-29.98	-147.17	0.00	0.00
			88	0.00	-110.15	-94.37	-147.17	0.00	0.00
129	PRIMO IMPALC ATO	9, 41	0	0.00	93.47	-330.57	-426.05	0.00	0.00
			44	0.00	93.47	-516.97	-426.05	0.00	0.00
			88	0.00	93.47	-703.36	-426.05	0.00	0.00
130	PRIMO IMPALC	10, 11	0	0.00	-60.55	8.13	-1.94	0.00	0.00

	ATO								
			270	0.00	-60.55	2.89	-1.94	0.00	0.00
			540	0.00	-60.55	-2.35	-1.94	0.00	0.00
131	PRIMO IMPALC ATO	16, 10	0	0.00	-11.74	826.85	-340.72	0.00	0.00
			240	0.00	-11.74	9.11	-340.72	0.00	0.00
			480	0.00	-11.74	-808.62	-340.72	0.00	0.00
132	PRIMO IMPALC ATO	10, 42	0	0.00	-99.09	851.12	-413.97	0.00	0.00
			44	0.00	-99.09	670.01	-413.97	0.00	0.00
			88	0.00	-99.09	488.90	-413.97	0.00	0.00
133	PRIMO IMPALC ATO	10, 42	0	0.00	95.08	236.99	-160.99	0.00	0.00
			44	0.00	95.08	166.55	-160.99	0.00	0.00
			88	0.00	95.08	96.12	-160.99	0.00	0.00
134	PRIMO IMPALC ATO	10, 42	0	0.00	109.89	35.12	-148.98	0.00	0.00
			44	0.00	109.89	-30.06	-148.98	0.00	0.00
			88	0.00	109.89	-95.24	-148.98	0.00	0.00
135	PRIMO IMPALC ATO	10, 42	0	0.00	-92.15	-332.31	-421.98	0.00	0.00
			44	0.00	-92.15	-516.93	-421.98	0.00	0.00
			88	0.00	-92.15	-701.55	-421.98	0.00	0.00
136	PRIMO IMPALC ATO	11, 12	0	0.00	69.13	-7.18	4.92	0.00	0.00
			215	0.00	69.13	3.40	4.92	0.00	0.00
			430	0.00	69.13	13.97	4.92	0.00	0.00
137	PRIMO IMPALC ATO	17, 11	0	0.00	2.23	433.73	-152.63	0.00	0.00
			245	0.00	2.23	59.79	-152.63	0.00	0.00
			490	0.00	2.23	-314.16	-152.63	0.00	0.00
138	PRIMO IMPALC ATO	18, 12	0	0.00	-0.12	585.49	-248.28	0.00	0.00
			245	0.00	-0.12	-22.79	-248.28	0.00	0.00
			490	0.00	-0.12	-631.06	-248.28	0.00	0.00
139	PRIMO IMPALC ATO	12, 37	0	0.00	-192.21	83.71	-81.07	0.00	0.00
			78	0.00	-192.21	20.60	-81.07	0.00	0.00
			156	0.00	-192.21	-42.52	-81.07	0.00	0.00
140	PRIMO IMPALC ATO	13, 14	0	0.00	-2.81	-18.09	10.65	0.00	0.00
			215	0.00	-2.81	4.80	10.65	0.00	0.00
			430	0.00	-2.81	27.69	10.65	0.00	0.00
141	PRIMO IMPALC ATO	25, 13	0	0.00	16.23	245.18	-655.69	0.00	0.00
			78	0.00	16.23	-265.36	-655.69	0.00	0.00
			156	0.00	16.23	-775.89	-655.69	0.00	0.00
142	PRIMO IMPALC ATO	33, 13	0	0.00	149.14	-132.28	152.18	0.00	0.00
			78	0.00	149.14	-13.79	152.18	0.00	0.00
			156	0.00	149.14	104.70	152.18	0.00	0.00
143	PRIMO IMPALC ATO	14, 15	0	0.00	27.99	3.72	-2.99	0.00	0.00
			270	0.00	27.99	-4.36	-2.99	0.00	0.00
			540	0.00	27.99	-12.44	-2.99	0.00	0.00
144	PRIMO IMPALC ATO	26, 14	0	0.00	13.65	436.46	-774.00	0.00	0.00
			78	0.00	13.65	-166.19	-774.00	0.00	0.00
			156	0.00	13.65	-768.85	-774.00	0.00	0.00
145	PRIMO	15, 16	0	0.00	0.00	5.27	0.01	0.00	0.00

	IMPALC ATO								
			265	0.00	0.00	5.30	0.01	0.00	0.00
			530	0.00	0.00	5.34	0.01	0.00	0.00
146	PRIMO IMPALC ATO	27, 15	0	0.00	-18.35	652.46	-1229.95	0.00	0.00
			80	0.00	-18.35	-335.82	-1229.95	0.00	0.00
			161	0.00	-18.35	-1324.09	-1229.95	0.00	0.00
147	PRIMO IMPALC ATO	16, 17	0	0.00	-28.00	-12.50	3.02	0.00	0.00
			270	0.00	-28.00	-4.35	3.02	0.00	0.00
			540	0.00	-28.00	3.79	3.02	0.00	0.00
148	PRIMO IMPALC ATO	28, 16	0	0.00	18.41	652.38	-1229.86	0.00	0.00
			80	0.00	18.41	-335.83	-1229.86	0.00	0.00
			161	0.00	18.41	-1324.03	-1229.86	0.00	0.00
149	PRIMO IMPALC ATO	17, 18	0	0.00	2.79	27.60	-10.61	0.00	0.00
			215	0.00	2.79	4.79	-10.61	0.00	0.00
			430	0.00	2.79	-18.03	-10.61	0.00	0.00
150	PRIMO IMPALC ATO	29, 17	0	0.00	-13.60	436.27	-773.79	0.00	0.00
			78	0.00	-13.60	-166.22	-773.79	0.00	0.00
			156	0.00	-13.60	-768.71	-773.79	0.00	0.00
151	PRIMO IMPALC ATO	30, 18	0	0.00	-16.19	245.07	-655.45	0.00	0.00
			78	0.00	-16.19	-265.28	-655.45	0.00	0.00
			156	0.00	-16.19	-775.63	-655.45	0.00	0.00
152	PRIMO IMPALC ATO	18, 38	0	0.00	-149.09	104.52	-151.98	0.00	0.00
			78	0.00	-149.09	-13.81	-151.98	0.00	0.00
			156	0.00	-149.09	-132.14	-151.98	0.00	0.00
153	PRIMO IMPALC ATO	19, 20	0	0.00	19.68	20.42	-20.04	0.00	0.00
			72	0.00	19.68	6.06	-20.04	0.00	0.00
			143	0.00	19.68	-8.31	-20.04	0.00	0.00
154	PRIMO IMPALC ATO	19, 20	0	0.00	6.75	-7.46	9.20	0.00	0.00
			72	0.00	6.75	-0.87	9.20	0.00	0.00
			143	0.00	6.75	5.72	9.20	0.00	0.00
155	PRIMO IMPALC ATO	19, 20	0	0.00	-10.47	6.44	-21.10	0.00	0.00
			72	0.00	-10.47	-8.68	-21.10	0.00	0.00
			143	0.00	-10.47	-23.81	-21.10	0.00	0.00
156	PRIMO IMPALC ATO	34, 19	0	0.00	-1.64	15.71	-27.22	0.00	0.00
			70	0.00	-1.64	-3.34	-27.22	0.00	0.00
			140	0.00	-1.64	-22.40	-27.22	0.00	0.00
157	PRIMO IMPALC ATO	20, 21	0	0.00	18.94	27.32	-25.77	0.00	0.00
			71	0.00	18.94	8.96	-25.77	0.00	0.00
			143	0.00	18.94	-9.40	-25.77	0.00	0.00
158	PRIMO IMPALC ATO	20, 21	0	0.00	8.63	-8.65	7.73	0.00	0.00
			71	0.00	8.63	-3.14	7.73	0.00	0.00
			143	0.00	8.63	2.37	7.73	0.00	0.00
159	PRIMO IMPALC ATO	20, 21	0	0.00	-9.35	2.66	-6.04	0.00	0.00
			71	0.00	-9.35	-1.65	-6.04	0.00	0.00
			143	0.00	-9.35	-5.95	-6.04	0.00	0.00

160	PRIMO IMPALC ATO	20, 21	0	0.00	-20.57	-5.90	14.53	0.00	0.00
			71	0.00	-20.57	4.45	14.53	0.00	0.00
			143	0.00	-20.57	14.80	14.53	0.00	0.00
161	PRIMO IMPALC ATO	21, 22	0	0.00	20.44	-12.85	11.82	0.00	0.00
			63	0.00	20.44	-5.46	11.82	0.00	0.00
			125	0.00	20.44	1.93	11.82	0.00	0.00
162	PRIMO IMPALC ATO	21, 22	0	0.00	9.52	1.94	-3.17	0.00	0.00
			63	0.00	9.52	-0.05	-3.17	0.00	0.00
			125	0.00	9.52	-2.03	-3.17	0.00	0.00
163	PRIMO IMPALC ATO	21, 22	0	0.00	-9.52	-2.03	3.18	0.00	0.00
			63	0.00	-9.52	-0.04	3.18	0.00	0.00
			125	0.00	-9.52	1.94	3.18	0.00	0.00
164	PRIMO IMPALC ATO	21, 22	0	0.00	-20.44	1.94	-11.86	0.00	0.00
			63	0.00	-20.44	-5.47	-11.86	0.00	0.00
			125	0.00	-20.44	-12.88	-11.86	0.00	0.00
165	PRIMO IMPALC ATO	22, 23	0	0.00	20.57	14.83	-14.56	0.00	0.00
			71	0.00	20.57	4.46	-14.56	0.00	0.00
			143	0.00	20.57	-5.91	-14.56	0.00	0.00
166	PRIMO IMPALC ATO	22, 23	0	0.00	9.34	-5.96	6.05	0.00	0.00
			71	0.00	9.34	-1.65	6.05	0.00	0.00
			143	0.00	9.34	2.66	6.05	0.00	0.00
167	PRIMO IMPALC ATO	22, 23	0	0.00	-8.63	2.37	-7.72	0.00	0.00
			71	0.00	-8.63	-3.14	-7.72	0.00	0.00
			143	0.00	-8.63	-8.64	-7.72	0.00	0.00
168	PRIMO IMPALC ATO	22, 23	0	0.00	-18.93	-9.39	25.74	0.00	0.00
			71	0.00	-18.93	8.95	25.74	0.00	0.00
			143	0.00	-18.93	27.29	25.74	0.00	0.00
169	PRIMO IMPALC ATO	23, 24	0	0.00	10.46	-23.78	21.08	0.00	0.00
			72	0.00	10.46	-8.67	21.08	0.00	0.00
			143	0.00	10.46	6.43	21.08	0.00	0.00
170	PRIMO IMPALC ATO	23, 24	0	0.00	-6.75	5.71	-9.19	0.00	0.00
			72	0.00	-6.75	-0.87	-9.19	0.00	0.00
			143	0.00	-6.75	-7.45	-9.19	0.00	0.00
171	PRIMO IMPALC ATO	23, 24	0	0.00	-19.67	-8.30	20.03	0.00	0.00
			72	0.00	-19.67	6.05	20.03	0.00	0.00
			143	0.00	-19.67	20.41	20.03	0.00	0.00
172	PRIMO IMPALC ATO	24, 39	0	0.00	1.64	-22.38	27.20	0.00	0.00
			70	0.00	1.64	-3.34	27.20	0.00	0.00
			140	0.00	1.64	15.70	27.20	0.00	0.00
173	PRIMO IMPALC ATO	25, 26	0	0.00	19.73	-19.07	18.93	0.00	0.00
			72	0.00	19.73	-5.51	18.93	0.00	0.00
			143	0.00	19.73	8.06	18.93	0.00	0.00
174	PRIMO IMPALC ATO	25, 26	0	0.00	7.33	7.30	-9.41	0.00	0.00
			72	0.00	7.33	0.56	-9.41	0.00	0.00

			143	0.00	7.33	-6.18	-9.41	0.00	0.00
175	PRIMO IMPALC ATO	25, 26	0	0.00	-9.40	-6.86	22.69	0.00	0.00
			72	0.00	-9.40	9.41	22.69	0.00	0.00
			143	0.00	-9.40	25.67	22.69	0.00	0.00
176	PRIMO IMPALC ATO	35, 25	0	0.00	-1.88	-14.76	25.29	0.00	0.00
			70	0.00	-1.88	2.94	25.29	0.00	0.00
			140	0.00	-1.88	20.65	25.29	0.00	0.00
177	PRIMO IMPALC ATO	26, 27	0	0.00	17.67	-29.26	27.75	0.00	0.00
			71	0.00	17.67	-9.48	27.75	0.00	0.00
			143	0.00	17.67	10.29	27.75	0.00	0.00
178	PRIMO IMPALC ATO	26, 27	0	0.00	8.15	9.62	-9.80	0.00	0.00
			71	0.00	8.15	2.63	-9.80	0.00	0.00
			143	0.00	8.15	-4.35	-9.80	0.00	0.00
179	PRIMO IMPALC ATO	26, 27	0	0.00	-10.66	-4.64	12.36	0.00	0.00
			71	0.00	-10.66	4.16	12.36	0.00	0.00
			143	0.00	-10.66	12.96	12.36	0.00	0.00
180	PRIMO IMPALC ATO	26, 27	0	0.00	-23.68	13.28	-37.60	0.00	0.00
			71	0.00	-23.68	-13.51	-37.60	0.00	0.00
			143	0.00	-23.68	-40.30	-37.60	0.00	0.00
181	PRIMO IMPALC ATO	27, 28	0	0.00	23.42	37.33	-36.48	0.00	0.00
			63	0.00	23.42	14.52	-36.48	0.00	0.00
			125	0.00	23.42	-8.28	-36.48	0.00	0.00
182	PRIMO IMPALC ATO	27, 28	0	0.00	10.92	-8.10	10.44	0.00	0.00
			63	0.00	10.92	-1.58	10.44	0.00	0.00
			125	0.00	10.92	4.95	10.44	0.00	0.00
183	PRIMO IMPALC ATO	27, 28	0	0.00	-10.93	4.95	-10.45	0.00	0.00
			63	0.00	-10.93	-1.58	-10.45	0.00	0.00
			125	0.00	-10.93	-8.11	-10.45	0.00	0.00
184	PRIMO IMPALC ATO	27, 28	0	0.00	-23.42	-8.29	36.51	0.00	0.00
			63	0.00	-23.42	14.53	36.51	0.00	0.00
			125	0.00	-23.42	37.35	36.51	0.00	0.00
185	PRIMO IMPALC ATO	28, 29	0	0.00	23.67	-40.32	37.62	0.00	0.00
			71	0.00	23.67	-13.52	37.62	0.00	0.00
			143	0.00	23.67	13.28	37.62	0.00	0.00
186	PRIMO IMPALC ATO	28, 29	0	0.00	10.65	12.97	-12.36	0.00	0.00
			71	0.00	10.65	4.16	-12.36	0.00	0.00
			143	0.00	10.65	-4.64	-12.36	0.00	0.00
187	PRIMO IMPALC ATO	28, 29	0	0.00	-8.15	-4.35	9.80	0.00	0.00
			71	0.00	-8.15	2.63	9.80	0.00	0.00
			143	0.00	-8.15	9.61	9.80	0.00	0.00
188	PRIMO IMPALC ATO	28, 29	0	0.00	-17.67	10.28	-27.72	0.00	0.00
			71	0.00	-17.67	-9.47	-27.72	0.00	0.00
			143	0.00	-17.67	-29.22	-27.72	0.00	0.00
189	PRIMO IMPALC ATO	29, 30	0	0.00	9.40	25.64	-22.66	0.00	0.00

			72	0.00	9.40	9.40	-22.66	0.00	0.00
			143	0.00	9.40	-6.85	-22.66	0.00	0.00
190	PRIMO IMPALC ATO	29, 30	0	0.00	-7.33	-6.17	9.40	0.00	0.00
			72	0.00	-7.33	0.56	9.40	0.00	0.00
			143	0.00	-7.33	7.29	9.40	0.00	0.00
191	PRIMO IMPALC ATO	29, 30	0	0.00	-19.72	8.05	-18.90	0.00	0.00
			72	0.00	-19.72	-5.50	-18.90	0.00	0.00
			143	0.00	-19.72	-19.05	-18.90	0.00	0.00
192	PRIMO IMPALC ATO	30, 40	0	0.00	1.88	20.62	-25.26	0.00	0.00
			70	0.00	1.88	2.94	-25.26	0.00	0.00
			140	0.00	1.88	-14.75	-25.26	0.00	0.00
193	PRIMO IMPALC ATO	32, 31	0	0.00	-1.03	91.69	-88.32	0.00	0.00
			65	0.00	-1.03	34.28	-88.32	0.00	0.00
			130	0.00	-1.03	-23.13	-88.32	0.00	0.00
194	PRIMO IMPALC ATO	32, 31	0	0.00	-1.77	-23.54	19.40	0.00	0.00
			65	0.00	-1.77	-10.93	19.40	0.00	0.00
			130	0.00	-1.77	1.68	19.40	0.00	0.00
195	PRIMO IMPALC ATO	32, 31	0	0.00	0.90	-0.05	13.81	0.00	0.00
			65	0.00	0.90	8.92	13.81	0.00	0.00
			130	0.00	0.90	17.90	13.81	0.00	0.00
196	PRIMO IMPALC ATO	32, 31	0	0.00	8.56	17.24	-70.34	0.00	0.00
			65	0.00	8.56	-28.48	-70.34	0.00	0.00
			130	0.00	8.56	-74.20	-70.34	0.00	0.00
197	PRIMO IMPALC ATO	31, 34	0	0.00	-1.15	84.68	-97.51	0.00	0.00
			70	0.00	-1.15	16.42	-97.51	0.00	0.00
			140	0.00	-1.15	-51.84	-97.51	0.00	0.00
198	PRIMO IMPALC ATO	33, 32	0	0.00	8.00	73.23	-69.38	0.00	0.00
			65	0.00	8.00	28.13	-69.38	0.00	0.00
			130	0.00	8.00	-16.96	-69.38	0.00	0.00
199	PRIMO IMPALC ATO	33, 32	0	0.00	0.53	-17.64	13.64	0.00	0.00
			65	0.00	0.53	-8.77	13.64	0.00	0.00
			130	0.00	0.53	0.09	13.64	0.00	0.00
200	PRIMO IMPALC ATO	33, 32	0	0.00	-3.95	-1.65	19.17	0.00	0.00
			65	0.00	-3.95	10.81	19.17	0.00	0.00
			130	0.00	-3.95	23.27	19.17	0.00	0.00
201	PRIMO IMPALC ATO	33, 32	0	0.00	-5.57	22.84	-87.59	0.00	0.00
			65	0.00	-5.57	-34.10	-87.59	0.00	0.00
			130	0.00	-5.57	-91.03	-87.59	0.00	0.00
202	PRIMO IMPALC ATO	35, 33	0	0.00	-0.99	51.35	-96.48	0.00	0.00
			70	0.00	-0.99	-16.19	-96.48	0.00	0.00
			140	0.00	-0.99	-83.73	-96.48	0.00	0.00
203	PRIMO IMPALC ATO	37, 36	0	0.00	1.03	91.66	-88.29	0.00	0.00
			65	0.00	1.03	34.27	-88.29	0.00	0.00
			130	0.00	1.03	-23.12	-88.29	0.00	0.00
204	PRIMO IMPALC	37, 36	0	0.00	1.77	-23.53	19.39	0.00	0.00

	ATO								
			65	0.00	1.77	-10.93	19.39	0.00	0.00
			130	0.00	1.77	1.68	19.39	0.00	0.00
205	PRIMO IMPALC ATO	37, 36	0	0.00	-0.90	-0.05	13.80	0.00	0.00
			65	0.00	-0.90	8.92	13.80	0.00	0.00
			130	0.00	-0.90	17.89	13.80	0.00	0.00
206	PRIMO IMPALC ATO	37, 36	0	0.00	-8.55	17.24	-70.31	0.00	0.00
			65	0.00	-8.55	-28.46	-70.31	0.00	0.00
			130	0.00	-8.55	-74.17	-70.31	0.00	0.00
207	PRIMO IMPALC ATO	36, 39	0	0.00	1.15	84.64	-97.47	0.00	0.00
			70	0.00	1.15	16.41	-97.47	0.00	0.00
			140	0.00	1.15	-51.82	-97.47	0.00	0.00
208	PRIMO IMPALC ATO	38, 37	0	0.00	-7.99	73.20	-69.35	0.00	0.00
			65	0.00	-7.99	28.12	-69.35	0.00	0.00
			130	0.00	-7.99	-16.95	-69.35	0.00	0.00
209	PRIMO IMPALC ATO	38, 37	0	0.00	-0.53	-17.63	13.63	0.00	0.00
			65	0.00	-0.53	-8.77	13.63	0.00	0.00
			130	0.00	-0.53	0.09	13.63	0.00	0.00
210	PRIMO IMPALC ATO	38, 37	0	0.00	3.95	-1.65	19.16	0.00	0.00
			65	0.00	3.95	10.81	19.16	0.00	0.00
			130	0.00	3.95	23.26	19.16	0.00	0.00
211	PRIMO IMPALC ATO	38, 37	0	0.00	5.56	22.83	-87.56	0.00	0.00
			65	0.00	5.56	-34.09	-87.56	0.00	0.00
			130	0.00	5.56	-91.00	-87.56	0.00	0.00
212	PRIMO IMPALC ATO	40, 38	0	0.00	0.99	51.32	-96.44	0.00	0.00
			70	0.00	0.99	-16.19	-96.44	0.00	0.00
			140	0.00	0.99	-83.69	-96.44	0.00	0.00
213	PRIMO IMPALC ATO	1	0	-92.33	-0.84	-171.75	298.86	-39.27	-28.00
			150	-92.33	-0.84	276.60	298.86	2.74	-28.00
			300	-92.33	-0.84	724.95	298.86	44.76	-28.00
214	PRIMO IMPALC ATO	2	0	474.43	-2.04	-176.68	214.05	5.69	5.59
			150	474.43	-2.04	144.43	214.05	-2.71	5.59
			300	474.43	-2.04	465.55	214.05	-11.10	5.59
215	PRIMO IMPALC ATO	3	0	-1313.03	0.89	-1850.93	1216.88	23.07	16.84
			150	-1313.03	0.89	-25.61	1216.88	-2.19	16.84
			300	-1313.03	0.89	1799.72	1216.88	-27.44	16.84
216	PRIMO IMPALC ATO	4	0	-1312.83	-0.85	-1850.19	1216.47	-23.17	-16.94
			150	-1312.83	-0.85	-25.49	1216.47	2.24	-16.94
			300	-1312.83	-0.85	1799.22	1216.47	27.66	-16.94
217	PRIMO IMPALC ATO	5	0	474.20	2.06	-176.40	213.84	-5.94	-5.80
			150	474.20	2.06	144.41	213.84	2.76	-5.80
			300	474.20	2.06	465.22	213.84	11.46	-5.80
218	PRIMO IMPALC ATO	6	0	-92.31	0.86	-171.14	298.40	39.03	27.84
			150	-92.31	0.86	276.51	298.40	-2.73	27.84
			300	-92.31	0.86	724.17	298.40	-44.50	27.84
219	PRIMO	7	0	31.76	-0.41	62.71	214.29	28.59	14.64

	IMPALC ATO								
			150	31.76	-0.41	384.20	214.29	6.63	14.64
			300	31.76	-0.41	705.69	214.29	-15.33	14.64
220	PRIMO IMPALC ATO	8	0	-30.98	0.00	-466.97	339.70	-5.57	-3.43
			150	-30.98	0.00	42.57	339.70	-0.42	-3.43
			300	-30.98	0.00	552.12	339.70	4.73	-3.43
221	PRIMO IMPALC ATO	9	0	1048.56	0.56	397.76	264.84	-45.78	-24.04
			150	1048.56	0.56	795.08	264.84	-9.71	-24.04
			300	1048.56	0.56	1192.40	264.84	26.36	-24.04
222	PRIMO IMPALC ATO	10	0	1048.44	-0.52	397.74	264.77	45.88	24.09
			150	1048.44	-0.52	794.96	264.77	9.73	24.09
			300	1048.44	-0.52	1192.17	264.77	-26.41	24.09
223	PRIMO IMPALC ATO	11	0	-30.98	0.01	-466.76	339.53	5.56	3.43
			150	-30.98	0.01	42.55	339.53	0.42	3.43
			300	-30.98	0.01	551.85	339.53	-4.73	3.43
224	PRIMO IMPALC ATO	12	0	31.72	0.44	63.33	213.80	-28.59	-14.64
			150	31.72	0.44	384.08	213.80	-6.63	-14.64
			300	31.72	0.44	704.82	213.80	15.33	-14.64
225	PRIMO IMPALC ATO	13	0	169.77	-0.80	-179.82	304.54	48.23	34.04
			150	169.77	-0.80	277.05	304.54	-2.84	34.04
			300	169.77	-0.80	733.92	304.54	-53.91	34.04
226	PRIMO IMPALC ATO	14	0	-579.54	-2.46	-160.67	215.88	-26.97	-10.12
			150	-579.54	-2.46	163.20	215.88	-11.78	-10.12
			300	-579.54	-2.46	487.08	215.88	3.40	-10.12
227	PRIMO IMPALC ATO	15	0	-177.39	4.13	165.85	57.91	52.64	23.88
			150	-177.39	4.13	252.73	57.91	16.81	23.88
			300	-177.39	4.13	339.62	57.91	-19.02	23.88
228	PRIMO IMPALC ATO	16	0	-177.31	-4.10	165.96	57.83	-52.42	-23.70
			150	-177.31	-4.10	252.73	57.83	-16.86	-23.70
			300	-177.31	-4.10	339.50	57.83	18.69	-23.70
229	PRIMO IMPALC ATO	17	0	-579.41	2.49	-160.38	215.68	27.18	10.30
			150	-579.41	2.49	163.18	215.68	11.72	10.30
			300	-579.41	2.49	486.74	215.68	-3.74	10.30
230	PRIMO IMPALC ATO	18	0	169.79	0.82	-179.21	304.07	-48.03	-33.90
			150	169.79	0.82	276.96	304.07	2.82	-33.90
			300	169.79	0.82	733.13	304.07	53.67	-33.90
231	SECOND O IMPALC ATO	1, 2	0	0.00	274.04	76.65	-68.11	0.00	0.00
			215	0.00	274.04	-69.78	-68.11	0.00	0.00
			430	0.00	274.04	-216.21	-68.11	0.00	0.00
232	SECOND O IMPALC ATO	7, 1	0	0.00	14.00	877.24	-423.97	0.00	0.00
			260	0.00	14.00	-225.08	-423.97	0.00	0.00
			520	0.00	14.00	-1327.39	-423.97	0.00	0.00
233	SECOND O IMPALC	2, 3	0	0.00	-155.30	-358.08	121.18	0.00	0.00

	ATO								
			278	0.00	-155.30	-21.68	121.18	0.00	0.00
			555	0.00	-155.30	314.73	121.18	0.00	0.00
234	SECOND O IMPALC ATO	3, 4	0	0.00	-0.02	143.32	0.02	0.00	0.00
			250	0.00	-0.02	143.38	0.02	0.00	0.00
			500	0.00	-0.02	143.44	0.02	0.00	0.00
235	SECOND O IMPALC ATO	41, 3	0	0.00	-153.69	54.55	-121.16	0.00	0.00
			95	0.00	-153.69	-60.91	-121.16	0.00	0.00
			191	0.00	-153.69	-176.37	-121.16	0.00	0.00
236	SECOND O IMPALC ATO	4, 5	0	0.00	155.30	314.92	-121.23	0.00	0.00
			278	0.00	155.30	-21.63	-121.23	0.00	0.00
			555	0.00	155.30	-358.18	-121.23	0.00	0.00
237	SECOND O IMPALC ATO	42, 4	0	0.00	153.76	54.69	-121.26	0.00	0.00
			95	0.00	153.76	-60.87	-121.26	0.00	0.00
			191	0.00	153.76	-176.42	-121.26	0.00	0.00
238	SECOND O IMPALC ATO	5, 6	0	0.00	-274.03	-216.29	68.13	0.00	0.00
			215	0.00	-274.03	-69.81	68.13	0.00	0.00
			430	0.00	-274.03	76.68	68.13	0.00	0.00
239	SECOND O IMPALC ATO	12, 6	0	0.00	-14.01	877.23	-423.96	0.00	0.00
			260	0.00	-14.01	-225.08	-423.96	0.00	0.00
			520	0.00	-14.01	-1327.38	-423.96	0.00	0.00
240	SECOND O IMPALC ATO	13, 7	0	0.00	10.95	1355.50	-458.90	0.00	0.00
			245	0.00	10.95	231.21	-458.90	0.00	0.00
			490	0.00	10.95	-893.09	-458.90	0.00	0.00
241	SECOND O IMPALC ATO	9, 10	0	0.00	0.02	9.79	0.00	0.00	0.00
			265	0.00	0.02	9.80	0.00	0.00	0.00
			530	0.00	0.02	9.82	0.00	0.00	0.00
242	SECOND O IMPALC ATO	15, 9	0	0.00	-11.39	1937.21	-724.42	0.00	0.00
			240	0.00	-11.39	198.60	-724.42	0.00	0.00
			480	0.00	-11.39	-1540.00	-724.42	0.00	0.00
243	SECOND O IMPALC ATO	9, 41	0	0.00	-26.89	1813.78	-1174.52	0.00	0.00
			175	0.00	-26.89	-241.62	-1174.52	0.00	0.00
			350	0.00	-26.89	-2297.02	-1174.52	0.00	0.00
244	SECOND O IMPALC ATO	16, 10	0	0.00	11.39	1937.22	-724.44	0.00	0.00
			240	0.00	11.39	198.57	-724.44	0.00	0.00
			480	0.00	11.39	-1540.07	-724.44	0.00	0.00
245	SECOND O IMPALC ATO	10, 42	0	0.00	26.80	1813.55	-1174.37	0.00	0.00
			175	0.00	26.80	-241.60	-1174.37	0.00	0.00

			350	0.00	26.80	-2296.74	-1174.37	0.00	0.00
246	SECOND O IMPALC ATO	18, 12	0	0.00	-10.95	1355.49	-458.89	0.00	0.00
			245	0.00	-10.95	231.20	-458.89	0.00	0.00
			490	0.00	-10.95	-893.09	-458.89	0.00	0.00
247	SECOND O IMPALC ATO	13, 14	0	0.00	276.14	-38.14	18.28	0.00	0.00
			215	0.00	276.14	1.16	18.28	0.00	0.00
			430	0.00	276.14	40.45	18.28	0.00	0.00
248	SECOND O IMPALC ATO	14, 15	0	0.00	-149.71	35.79	-10.12	0.00	0.00
			270	0.00	-149.71	8.46	-10.12	0.00	0.00
			540	0.00	-149.71	-18.87	-10.12	0.00	0.00
249	SECOND O IMPALC ATO	15, 16	0	0.00	-0.01	-7.49	0.01	0.00	0.00
			265	0.00	-0.01	-7.47	0.01	0.00	0.00
			530	0.00	-0.01	-7.45	0.01	0.00	0.00
250	SECOND O IMPALC ATO	16, 17	0	0.00	149.71	-18.90	10.13	0.00	0.00
			270	0.00	149.71	8.45	10.13	0.00	0.00
			540	0.00	149.71	35.80	10.13	0.00	0.00
251	SECOND O IMPALC ATO	17, 18	0	0.00	-276.14	40.40	-18.25	0.00	0.00
			215	0.00	-276.14	1.17	-18.25	0.00	0.00
			430	0.00	-276.14	-38.07	-18.25	0.00	0.00
252	SECOND O IMPALC ATO	41, 42	0	0.00	0.01	39.48	0.01	0.00	0.00
			265	0.00	0.01	39.50	0.01	0.00	0.00
			530	0.00	0.01	39.53	0.01	0.00	0.00
253	SECOND O IMPALC ATO	1	0	-355.86	0.00	-1053.35	786.57	-62.65	-35.54
			150	-355.86	0.00	126.51	786.57	-9.35	-35.54
			300	-355.86	0.00	1306.37	786.57	43.95	-35.54
254	SECOND O IMPALC ATO	2	0	-189.29	0.00	-419.61	481.83	145.94	73.03
			150	-189.29	0.00	303.13	481.83	36.39	73.03
			300	-189.29	0.00	1025.87	481.83	-73.16	73.03
255	SECOND O IMPALC ATO	5	0	-189.37	0.00	-419.60	481.84	-145.95	-73.02
			150	-189.37	0.00	303.15	481.84	-36.43	-73.02
			300	-189.37	0.00	1025.91	481.84	73.09	-73.02
256	SECOND O IMPALC ATO	6	0	-355.83	0.00	-1053.35	786.60	62.67	35.55
			150	-355.83	0.00	126.55	786.60	9.34	35.55
			300	-355.83	0.00	1306.45	786.60	-43.99	35.55
257	SECOND O IMPALC ATO	7	0	-34.93	0.00	-1770.32	1113.40	-3.04	3.74
			150	-34.93	0.00	-100.21	1113.40	-8.66	3.74
			300	-34.93	0.00	1569.89	1113.40	-14.28	3.74
258	SECOND	9	0	450.09	0.00	-3353.76	2189.05	5.71	-5.84

	O IMPALC ATO								
			150	450.09	0.00	-70.18	2189.05	14.48	-5.84
			300	450.09	0.00	3213.40	2189.05	23.25	-5.84
259	SECOND O IMPALC ATO	10	0	449.94	0.00	-3353.65	2189.05	-5.60	5.93
			150	449.94	0.00	-70.07	2189.05	-14.50	5.93
			300	449.94	0.00	3213.51	2189.05	-23.40	5.93
260	SECOND O IMPALC ATO	12	0	-34.93	0.00	-1770.31	1113.44	3.06	-3.72
			150	-34.93	0.00	-100.16	1113.44	8.65	-3.72
			300	-34.93	0.00	1569.99	1113.44	14.23	-3.72
261	SECOND O IMPALC ATO	13	0	440.62	0.00	-1079.36	800.09	27.19	18.98
			150	440.62	0.00	120.77	800.09	-1.29	18.98
			300	440.62	0.00	1320.89	800.09	-29.76	18.98
262	SECOND O IMPALC ATO	14	0	28.40	0.00	-426.17	478.41	6.05	-0.50
			150	28.40	0.00	291.45	478.41	6.79	-0.50
			300	28.40	0.00	1009.07	478.41	7.54	-0.50
263	SECOND O IMPALC ATO	15	0	714.29	0.00	-1787.69	1376.21	-1.38	7.40
			150	714.29	0.00	276.62	1376.21	-12.48	7.40
			300	714.29	0.00	2340.93	1376.21	-23.58	7.40
264	SECOND O IMPALC ATO	16	0	714.32	0.00	-1787.69	1376.21	1.44	-7.38
			150	714.32	0.00	276.62	1376.21	12.51	-7.38
			300	714.32	0.00	2340.94	1376.21	23.57	-7.38
265	SECOND O IMPALC ATO	17	0	28.38	0.00	-426.17	478.42	-5.99	0.52
			150	28.38	0.00	291.47	478.42	-6.77	0.52
			300	28.38	0.00	1009.11	478.42	-7.55	0.52
266	SECOND O IMPALC ATO	18	0	440.65	0.00	-1079.36	800.11	-27.12	-18.94
			150	440.65	0.00	120.81	800.11	1.29	-18.94
			300	440.65	0.00	1320.98	800.11	29.71	-18.94
267	SECOND O IMPALC ATO	41	0	-1053.37	0.00	-2363.49	1866.97	82.54	35.95
			150	-1053.37	0.00	436.96	1866.97	28.62	35.95
			300	-1053.37	0.00	3237.42	1866.97	-25.31	35.95
268	SECOND O IMPALC ATO	42	0	-1053.10	0.00	-2363.36	1866.88	-82.65	-36.19
			150	-1053.10	0.00	436.96	1866.88	-28.37	-36.19
			300	-1053.10	0.00	3237.28	1866.88	25.91	-36.19

2.1.7.3 Pareti SLV

Tabella 27.I

Parete	Impalcato	Fili	N1-1 [daN/cm]	N2-2 [daN/cm]	N1-2 [daN/cm]	M1-1 [daNcm/cm]	M2-2 [daNcm/cm]	M1-2 [daNcm/cm]	T1-3 [daN/cm]	T2-3 [daN/cm]
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1	PRIMO IMPALCATO	19-20	-8.657	-5.523	8.562	-36.190	143.274	-62.752	2.777	-4.517
2	PRIMO IMPALCATO	34-19	-3.506	-5.164	7.161	40.398	71.145	-55.977	6.871	2.256
3	PRIMO IMPALCATO	20-21	-11.833	-5.523	5.143	43.816	182.693	-46.749	-2.375	-5.832
4	PRIMO IMPALCATO	21-22	-12.120	-4.421	2.237	52.976	182.693	43.411	2.546	-5.832
5	PRIMO IMPALCATO	22-23	-11.832	-5.521	-5.138	43.812	182.674	46.742	2.375	-5.831
6	PRIMO IMPALCATO	23-24	-8.655	-5.521	-8.554	-36.154	143.224	62.708	-2.775	-4.515
7	PRIMO IMPALCATO	24-39	-3.507	-5.162	-7.154	40.379	71.110	55.939	-6.866	2.255
8	PRIMO IMPALCATO	25-26	8.216	5.414	-8.196	-36.068	133.378	-62.733	2.800	-4.211
9	PRIMO IMPALCATO	35-25	3.506	5.255	-6.855	40.394	72.323	-56.114	6.916	2.209
10	PRIMO IMPALCATO	26-27	10.120	8.253	-4.251	50.801	209.872	51.378	-2.735	-6.669
11	PRIMO IMPALCATO	27-28	10.201	8.253	-4.343	61.035	209.872	49.773	2.919	-6.669
12	PRIMO IMPALCATO	28-29	10.119	8.252	4.246	50.796	209.848	-51.350	2.735	-6.668
13	PRIMO IMPALCATO	29-30	8.215	5.413	8.189	-36.033	133.326	62.689	-2.798	-4.209
14	PRIMO IMPALCATO	30-40	3.507	5.253	6.848	40.375	72.288	56.076	-6.911	2.207
15	PRIMO IMPALCATO	32-31	-6.792	-7.164	14.861	36.898	-47.879	-26.661	-1.816	1.368
16	PRIMO IMPALCATO	31-34	-7.809	-7.317	9.227	59.543	-47.879	-36.552	-2.602	1.368
17	PRIMO IMPALCATO	33-32	6.987	7.245	14.602	-36.834	45.510	-25.201	-1.829	-1.254
18	PRIMO IMPALCATO	35-33	7.897	7.381	8.993	-59.800	45.510	-35.798	-2.658	-1.254
19	PRIMO IMPALCATO	37-36	-6.787	-7.160	14.848	-36.858	47.838	26.635	1.815	-1.367
20	PRIMO IMPALCATO	36-39	-7.803	-7.312	9.218	-59.502	47.838	36.518	2.603	-1.367
21	PRIMO IMPALCATO	38-37	6.982	7.241	14.590	36.794	-45.467	25.175	1.828	1.253
22	PRIMO IMPALCATO	40-38	7.891	7.377	8.984	59.759	-45.467	35.764	2.658	1.253

2.1.7.4 Piastre SLV

Tabella 28.I

Piastra	Impalcato	Fili	N1-1 [daN/cm]	N2-2 [daN/cm]	N1-2 [daN/cm]	M1-1 [daNcm/cm]	M2-2 [daNcm/cm]	M1-2 [daNcm/cm]	T1-3 [daN/cm]	T2-3 [daN/cm]
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1	PRIMO IMPALCA TO	9, 41, 3, 4, 42, 10	0.000	0.000	0.000	114.998	1136.139	352.821	-13.226	44.556
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2.2 Tensioni sul Terreno.

I dati seguenti riportano i valori delle tensioni esercitate dalla fondazione sul terreno.

Asta/Piastra : numerazione interna dell'asta/piastra.

X : distanza dal nodo iniziale misurata lungo l'asse dell'asta/piastra.

Comb : combinazione di appartenenza del valore considerato nell'involuppo.

Tensioni (σ_T) : valore della tensione dovuta alla pressione dell'asta/piastra di fondazione:

Tabella 29.I

Tensioni Terreno									
				SLV	SLD	SLE			
				A1	A1	Caratt.	Freq.	Q. Perm.	
Asta	Imp.	Fili	X [cm]	σ_T [daN/cm ²]	σ_T [daN/cm ²]	σ_T [daN/cm ²]	σ_T [daN/cm ²]	σ_T [daN/cm ²]	
1	FONDAZIO NE	1-2	0.00	1.13(1)	0.82(1)	0.82(1)	0.74(1)	0.71(1)	
			217.51	0.81(1)	0.58(1)	0.58(1)	0.53(1)	0.51(1)	
			435.03	0.85(1)	0.62(1)	0.62(1)	0.56(1)	0.54(1)	
2	FONDAZIO NE	7-1	0.00	1.06(1)	0.76(1)	0.76(1)	0.68(1)	0.65(1)	
			260.00	0.80(1)	0.58(1)	0.58(1)	0.53(1)	0.51(1)	
			520.00	1.13(1)	0.82(1)	0.82(1)	0.74(1)	0.71(1)	
3	FONDAZIO NE	2-3	0.00	0.85(1)	0.62(1)	0.62(1)	0.56(1)	0.54(1)	
			267.55	0.87(1)	0.63(1)	0.63(1)	0.58(1)	0.55(1)	
			535.09	1.25(1) *	0.90(1) *	0.90(1) *	0.81(1) *	0.78(1) *	
4	FONDAZIO NE	8-2	0.00	0.52(1)	0.37(1)	0.37(1)	0.34(1)	0.32(1)	
			260.01	0.46(1)	0.33(1)	0.33(1)	0.30(1)	0.29(1)	
			520.02	0.85(1)	0.62(1)	0.62(1)	0.56(1)	0.54(1)	
5	FONDAZIO NE	3-4	0.00	1.25(1) *	0.90(1) *	0.90(1) *	0.81(1) *	0.78(1) *	
			265.00	1.06(1)	0.77(1)	0.77(1)	0.70(1)	0.67(1)	
			530.00	1.24(1)	0.90(1)	0.90(1)	0.81(1)	0.78(1)	
6	FONDAZIO NE	9-3	0.00	1.15(1)	0.83(1)	0.83(1)	0.75(1)	0.71(1)	
			260.00	0.85(1)	0.61(1)	0.61(1)	0.55(1)	0.53(1)	
			520.00	1.25(1) *	0.90(1) *	0.90(1) *	0.81(1) *	0.78(1) *	
7	FONDAZIO NE	4-5	0.00	1.24(1)	0.90(1)	0.90(1)	0.81(1)	0.78(1)	
			267.55	0.87(1)	0.63(1)	0.63(1)	0.58(1)	0.55(1)	
			535.09	0.85(1)	0.61(1)	0.61(1)	0.56(1)	0.54(1)	
8	FONDAZIO NE	10-4	0.00	1.15(1)	0.83(1)	0.83(1)	0.74(1)	0.71(1)	
			260.00	0.85(1)	0.61(1)	0.61(1)	0.55(1)	0.53(1)	
			520.00	1.24(1)	0.90(1)	0.90(1)	0.81(1)	0.78(1)	
9	FONDAZIO NE	5-6	0.00	0.85(1)	0.61(1)	0.61(1)	0.56(1)	0.54(1)	
			217.51	0.80(1)	0.58(1)	0.58(1)	0.53(1)	0.51(1)	
			435.03	1.13(1)	0.81(1)	0.81(1)	0.74(1)	0.71(1)	
10	FONDAZIO NE	11-5	0.00	0.52(1)	0.37(1)	0.37(1)	0.34(1)	0.32(1)	
			260.01	0.46(1)	0.33(1)	0.33(1)	0.30(1)	0.29(1)	
			520.02	0.85(1)	0.61(1)	0.61(1)	0.56(1)	0.54(1)	
11	FONDAZIO NE	12-6	0.00	1.06(1)	0.76(1)	0.76(1)	0.69(1)	0.65(1)	
			260.00	0.80(1)	0.58(1)	0.58(1)	0.53(1)	0.51(1)	
			520.00	1.13(1)	0.81(1)	0.81(1)	0.74(1)	0.71(1)	
12	FONDAZIO NE	7-8	0.00	1.06(1)	0.76(1)	0.76(1)	0.68(1)	0.65(1)	
			215.01	0.61(1)	0.44(1)	0.44(1)	0.40(1)	0.38(1)	
			430.03	0.52(1)	0.37(1)	0.37(1)	0.34(1)	0.32(1)	
13	FONDAZIO NE	13-7	0.00	1.10(1)	0.79(1)	0.79(1)	0.72(1)	0.69(1)	

			240.00	0.87(1)	0.63(1)	0.63(1)	0.57(1)	0.55(1)
			480.00	1.06(1)	0.76(1)	0.76(1)	0.68(1)	0.65(1)
14	FONDAZIO NE	8-9	0.00	0.52(1)	0.37(1)	0.37(1)	0.34(1)	0.32(1)
			270.05	0.67(1)	0.49(1)	0.49(1)	0.44(1)	0.42(1)
			540.09	1.15(1)	0.83(1)	0.83(1)	0.75(1)	0.71(1)
15	FONDAZIO NE	14-8	0.00	0.80(1)	0.57(1)	0.57(1)	0.53(1)	0.51(1)
			245.01	0.49(1)	0.36(1)	0.36(1)	0.33(1)	0.31(1)
			490.03	0.52(1)	0.37(1)	0.37(1)	0.34(1)	0.32(1)
16	FONDAZIO NE	9-10	0.00	1.15(1)	0.83(1)	0.83(1)	0.75(1)	0.71(1)
			265.00	0.99(1)	0.72(1)	0.72(1)	0.64(1)	0.61(1)
			530.00	1.15(1)	0.83(1)	0.83(1)	0.74(1)	0.71(1)
17	FONDAZIO NE	15-9	0.00	1.06(1)	0.76(1)	0.76(1)	0.69(1)	0.66(1)
			240.01	0.92(1)	0.66(1)	0.66(1)	0.60(1)	0.57(1)
			480.03	1.15(1)	0.83(1)	0.83(1)	0.75(1)	0.71(1)
18	FONDAZIO NE	10-11	0.00	1.15(1)	0.83(1)	0.83(1)	0.74(1)	0.71(1)
			270.05	0.67(1)	0.48(1)	0.48(1)	0.44(1)	0.42(1)
			540.09	0.52(1)	0.37(1)	0.37(1)	0.34(1)	0.32(1)
19	FONDAZIO NE	16-10	0.00	1.06(1)	0.76(1)	0.76(1)	0.69(1)	0.66(1)
			240.01	0.92(1)	0.66(1)	0.66(1)	0.60(1)	0.57(1)
			480.03	1.15(1)	0.83(1)	0.83(1)	0.74(1)	0.71(1)
20	FONDAZIO NE	11-12	0.00	0.52(1)	0.37(1)	0.37(1)	0.34(1)	0.32(1)
			215.01	0.61(1)	0.44(1)	0.44(1)	0.40(1)	0.38(1)
			430.03	1.06(1)	0.76(1)	0.76(1)	0.69(1)	0.65(1)
21	FONDAZIO NE	17-11	0.00	0.80(1)	0.57(1)	0.57(1)	0.52(1)	0.51(1)
			245.01	0.49(1)	0.36(1)	0.36(1)	0.33(1)	0.31(1)
			490.03	0.52(1)	0.37(1)	0.37(1)	0.34(1)	0.32(1)
22	FONDAZIO NE	18-12	0.00	1.10(1)	0.79(1)	0.79(1)	0.72(1)	0.69(1)
			240.00	0.87(1)	0.63(1)	0.63(1)	0.57(1)	0.55(1)
			480.00	1.06(1)	0.76(1)	0.76(1)	0.69(1)	0.65(1)
23	FONDAZIO NE	13-14	0.00	1.10(1)	0.79(1)	0.79(1)	0.72(1)	0.69(1)
			217.51	0.77(1)	0.56(1)	0.56(1)	0.51(1)	0.49(1)
			435.03	0.80(1)	0.57(1)	0.57(1)	0.53(1)	0.51(1)
24	FONDAZIO NE	14-15	0.00	0.80(1)	0.57(1)	0.57(1)	0.53(1)	0.51(1)
			265.00	0.78(1)	0.56(1)	0.56(1)	0.51(1)	0.49(1)
			530.00	1.06(1)	0.76(1)	0.76(1)	0.69(1)	0.66(1)
25	FONDAZIO NE	15-16	0.00	1.06(1)	0.76(1)	0.76(1)	0.69(1)	0.66(1)
			270.00	0.90(1)	0.65(1)	0.65(1)	0.59(1)	0.57(1)
			540.00	1.06(1)	0.76(1)	0.76(1)	0.69(1)	0.66(1)
26	FONDAZIO NE	16-17	0.00	1.06(1)	0.76(1)	0.76(1)	0.69(1)	0.66(1)
			265.00	0.78(1)	0.56(1)	0.56(1)	0.51(1)	0.49(1)
			530.00	0.80(1)	0.57(1)	0.57(1)	0.52(1)	0.51(1)
27	FONDAZIO NE	17-18	0.00	0.80(1)	0.57(1)	0.57(1)	0.52(1)	0.51(1)
			217.51	0.77(1)	0.56(1)	0.56(1)	0.51(1)	0.49(1)
			435.03	1.10(1)	0.79(1)	0.79(1)	0.72(1)	0.69(1)
28	FONDAZIO NE	19-20	0.00	0.69(1)	0.57(17)	0.51(1)	0.48(1)	0.46(1)
			71.67	0.68(1)	0.56(17)	0.51(1)	0.47(1)	0.46(1)
			143.33	0.68(1)	0.55(17)	0.50(1)	0.47(1)	0.46(1)
29	FONDAZIO NE	19-20	0.00	0.68(1)	0.55(17)	0.50(1)	0.47(1)	0.46(1)
			71.67	0.67(1)	0.54(17)	0.50(1)	0.47(1)	0.45(1)
			143.33	0.67(1)	0.54(17)	0.49(1)	0.46(1)	0.45(1)
30	FONDAZIO NE	19-20	0.00	0.67(1)	0.54(17)	0.49(1)	0.46(1)	0.45(1)
			71.67	0.66(1)	0.53(17)	0.49(1)	0.46(1)	0.45(1)
			143.33	0.66(1)	0.52(17)	0.49(1)	0.46(1)	0.44(1)
31	FONDAZIO NE	34-19	0.00	0.70(1)	0.58(17)	0.52(1)	0.48(1)	0.47(1)
			70.00	0.70(1)	0.57(17)	0.51(1)	0.48(1)	0.47(1)

			140.00	0.69(1)	0.57(17)	0.51(1)	0.48(1)	0.46(1)
32	FONDAZIO NE	20-21	0.00	0.66(1)	0.52(17)	0.49(1)	0.46(1)	0.44(1)
			71.25	0.65(1)	0.52(17)	0.48(1)	0.45(1)	0.44(1)
			142.50	0.65(1)	0.51(17)	0.48(1)	0.45(1)	0.44(1)
33	FONDAZIO NE	20-21	0.00	0.65(1)	0.51(17)	0.48(1)	0.45(1)	0.44(1)
			71.25	0.65(1)	0.51(17)	0.48(1)	0.45(1)	0.44(1)
			142.50	0.64(1)	0.50(17)	0.48(1)	0.45(1)	0.44(1)
34	FONDAZIO NE	20-21	0.00	0.64(1)	0.50(17)	0.48(1)	0.45(1)	0.44(1)
			71.25	0.64(1)	0.50(17)	0.47(1)	0.45(1)	0.43(1)
			142.50	0.64(1)	0.50(17)	0.47(1)	0.45(1)	0.43(1)
35	FONDAZIO NE	20-21	0.00	0.64(1)	0.50(17)	0.47(1)	0.45(1)	0.43(1)
			71.25	0.64(1)	0.49(17)	0.47(1)	0.44(1)	0.43(1)
			142.50	0.64(1)	0.49(17)	0.47(1)	0.44(1)	0.43(1)
36	FONDAZIO NE	21-22	0.00	0.64(1)	0.49(17)	0.47(1)	0.44(1)	0.43(1)
			62.50	0.64(1)	0.49(17)	0.47(1)	0.44(1)	0.43(1)
			125.00	0.64(1)	0.49(17)	0.47(1)	0.44(1)	0.43(1)
37	FONDAZIO NE	21-22	0.00	0.64(1)	0.49(15)	0.47(1)	0.44(1)	0.43(1)
			62.50	0.63(1)	0.49(15)	0.47(1)	0.44(1)	0.43(1)
			125.00	0.63(1)	0.49(15)	0.47(1)	0.44(1)	0.43(1)
38	FONDAZIO NE	21-22	0.00	0.63(1)	0.49(14)	0.47(1)	0.44(1)	0.43(1)
			62.50	0.63(1)	0.49(14)	0.47(1)	0.44(1)	0.43(1)
			125.00	0.63(1)	0.49(14)	0.47(1)	0.44(1)	0.43(1)
39	FONDAZIO NE	21-22	0.00	0.63(1)	0.49(14)	0.47(1)	0.44(1)	0.43(1)
			62.50	0.63(1)	0.49(14)	0.47(1)	0.44(1)	0.43(1)
			125.00	0.63(1)	0.49(14)	0.47(1)	0.44(1)	0.43(1)
40	FONDAZIO NE	22-23	0.00	0.63(1)	0.49(14)	0.47(1)	0.44(1)	0.43(1)
			71.25	0.63(1)	0.49(14)	0.47(1)	0.44(1)	0.43(1)
			142.50	0.64(1)	0.50(14)	0.47(1)	0.44(1)	0.43(1)
41	FONDAZIO NE	22-23	0.00	0.64(1)	0.50(14)	0.47(1)	0.44(1)	0.43(1)
			71.25	0.64(1)	0.50(14)	0.47(1)	0.44(1)	0.43(1)
			142.50	0.64(1)	0.50(14)	0.47(1)	0.45(1)	0.43(1)
42	FONDAZIO NE	22-23	0.00	0.64(1)	0.50(14)	0.47(1)	0.45(1)	0.43(1)
			71.25	0.64(1)	0.50(14)	0.47(1)	0.45(1)	0.43(1)
			142.50	0.64(1)	0.51(14)	0.48(1)	0.45(1)	0.44(1)
43	FONDAZIO NE	22-23	0.00	0.64(1)	0.51(14)	0.48(1)	0.45(1)	0.44(1)
			71.25	0.64(1)	0.51(14)	0.48(1)	0.45(1)	0.44(1)
			142.50	0.65(1)	0.52(14)	0.48(1)	0.45(1)	0.44(1)
44	FONDAZIO NE	23-24	0.00	0.65(1)	0.52(14)	0.48(1)	0.45(1)	0.44(1)
			71.67	0.65(1)	0.52(14)	0.48(1)	0.45(1)	0.44(1)
			143.33	0.66(1)	0.53(14)	0.49(1)	0.46(1)	0.44(1)
45	FONDAZIO NE	23-24	0.00	0.66(1)	0.53(14)	0.49(1)	0.46(1)	0.44(1)
			71.67	0.66(1)	0.54(14)	0.49(1)	0.46(1)	0.45(1)
			143.33	0.67(1)	0.55(14)	0.49(1)	0.46(1)	0.45(1)
46	FONDAZIO NE	23-24	0.00	0.67(1)	0.55(14)	0.49(1)	0.46(1)	0.45(1)
			71.67	0.67(1)	0.55(14)	0.49(1)	0.46(1)	0.45(1)
			143.33	0.67(1)	0.56(14)	0.50(1)	0.47(1)	0.45(1)
47	FONDAZIO NE	24-29	0.00	0.67(1)	0.56(14)	0.50(1)	0.47(1)	0.45(1)
			70.00	0.68(1)	0.57(14)	0.50(1)	0.47(1)	0.46(1)
			140.00	0.68(1)	0.57(14)	0.51(1)	0.47(1)	0.46(1)
48	FONDAZIO NE	25-26	0.00	0.67(1)	0.55(20)	0.49(1)	0.46(1)	0.45(1)
			71.67	0.66(1)	0.55(20)	0.49(1)	0.46(1)	0.45(1)
			143.33	0.66(1)	0.54(20)	0.49(1)	0.46(1)	0.45(1)
49	FONDAZIO NE	25-26	0.00	0.66(1)	0.54(20)	0.49(1)	0.46(1)	0.45(1)
			71.67	0.66(1)	0.54(20)	0.49(1)	0.46(1)	0.44(1)
			143.33	0.66(1)	0.53(20)	0.49(1)	0.46(1)	0.44(1)

50	FONDAZIO NE	25-26	0.00	0.66(1)	0.53(20)	0.49(1)	0.46(1)	0.44(1)
			71.67	0.66(1)	0.53(20)	0.49(1)	0.46(1)	0.44(1)
			143.33	0.66(1)	0.53(20)	0.49(1)	0.46(1)	0.44(1)
51	FONDAZIO NE	35-25	0.00	0.67(1)	0.56(20)	0.50(1)	0.46(1)	0.45(1)
			70.00	0.67(1)	0.56(20)	0.49(1)	0.46(1)	0.45(1)
			140.00	0.67(1)	0.55(20)	0.49(1)	0.46(1)	0.45(1)
52	FONDAZIO NE	26-27	0.00	0.66(1)	0.53(20)	0.49(1)	0.46(1)	0.44(1)
			71.25	0.66(1)	0.52(20)	0.49(1)	0.45(1)	0.44(1)
			142.50	0.66(1)	0.52(20)	0.49(1)	0.45(1)	0.44(1)
53	FONDAZIO NE	26-27	0.00	0.66(1)	0.52(20)	0.49(1)	0.45(1)	0.44(1)
			71.25	0.66(1)	0.52(20)	0.49(1)	0.45(1)	0.44(1)
			142.50	0.66(1)	0.51(20)	0.49(1)	0.45(1)	0.44(1)
54	FONDAZIO NE	26-27	0.00	0.66(1)	0.51(20)	0.49(1)	0.45(1)	0.44(1)
			71.25	0.66(1)	0.51(20)	0.49(1)	0.45(1)	0.44(1)
			142.50	0.66(1)	0.51(20)	0.49(1)	0.46(1)	0.44(1)
55	FONDAZIO NE	26-27	0.00	0.66(1)	0.51(20)	0.49(1)	0.46(1)	0.44(1)
			71.25	0.66(1)	0.51(20)	0.49(1)	0.46(1)	0.44(1)
			142.50	0.66(1)	0.51(20)	0.49(1)	0.46(1)	0.44(1)
56	FONDAZIO NE	27-28	0.00	0.66(1)	0.51(20)	0.49(1)	0.46(1)	0.44(1)
			62.50	0.66(1)	0.51(20)	0.49(1)	0.46(1)	0.44(1)
			125.00	0.66(1)	0.51(20)	0.49(1)	0.46(1)	0.44(1)
57	FONDAZIO NE	27-28	0.00	0.66(1)	0.51(19)	0.49(1)	0.46(1)	0.44(1)
			62.50	0.66(1)	0.50(19)	0.49(1)	0.46(1)	0.44(1)
			125.00	0.66(1)	0.50(19)	0.49(1)	0.46(1)	0.44(1)
58	FONDAZIO NE	27-28	0.00	0.66(1)	0.50(19)	0.49(1)	0.46(1)	0.44(1)
			62.50	0.66(1)	0.50(19)	0.49(1)	0.46(1)	0.44(1)
			125.00	0.66(1)	0.51(19)	0.49(1)	0.46(1)	0.44(1)
59	FONDAZIO NE	27-28	0.00	0.66(1)	0.51(19)	0.49(1)	0.46(1)	0.44(1)
			62.50	0.66(1)	0.51(19)	0.49(1)	0.46(1)	0.44(1)
			125.00	0.66(1)	0.51(19)	0.49(1)	0.46(1)	0.44(1)
60	FONDAZIO NE	28-29	0.00	0.66(1)	0.51(19)	0.49(1)	0.46(1)	0.44(1)
			71.25	0.66(1)	0.51(19)	0.49(1)	0.46(1)	0.44(1)
			142.50	0.66(1)	0.51(19)	0.49(1)	0.46(1)	0.44(1)
61	FONDAZIO NE	28-29	0.00	0.66(1)	0.51(19)	0.49(1)	0.46(1)	0.44(1)
			71.25	0.66(1)	0.51(19)	0.49(1)	0.46(1)	0.44(1)
			142.50	0.66(1)	0.51(19)	0.49(1)	0.46(1)	0.44(1)
62	FONDAZIO NE	28-29	0.00	0.66(1)	0.51(19)	0.49(1)	0.46(1)	0.44(1)
			71.25	0.66(1)	0.52(19)	0.49(1)	0.45(1)	0.44(1)
			142.50	0.66(1)	0.52(19)	0.49(1)	0.46(1)	0.44(1)
63	FONDAZIO NE	28-29	0.00	0.66(1)	0.52(19)	0.49(1)	0.46(1)	0.44(1)
			71.25	0.66(1)	0.52(19)	0.49(1)	0.46(1)	0.44(1)
			142.50	0.66(1)	0.53(19)	0.49(1)	0.46(1)	0.44(1)
64	FONDAZIO NE	29-30	0.00	0.66(1)	0.53(19)	0.49(1)	0.46(1)	0.44(1)
			71.67	0.66(1)	0.53(19)	0.49(1)	0.46(1)	0.44(1)
			143.33	0.66(1)	0.53(19)	0.49(1)	0.46(1)	0.45(1)
65	FONDAZIO NE	29-30	0.00	0.66(1)	0.53(19)	0.49(1)	0.46(1)	0.45(1)
			71.67	0.66(1)	0.54(19)	0.49(1)	0.46(1)	0.45(1)
			143.33	0.67(1)	0.54(19)	0.49(1)	0.46(1)	0.45(1)
66	FONDAZIO NE	29-30	0.00	0.67(1)	0.54(19)	0.49(1)	0.46(1)	0.45(1)
			71.67	0.67(1)	0.55(19)	0.49(1)	0.46(1)	0.45(1)
			143.33	0.67(1)	0.55(19)	0.49(1)	0.46(1)	0.45(1)
67	FONDAZIO NE	30-40	0.00	0.67(1)	0.55(19)	0.49(1)	0.46(1)	0.45(1)
			70.00	0.67(1)	0.56(19)	0.49(1)	0.46(1)	0.45(1)
			140.00	0.67(1)	0.57(19)	0.50(1)	0.46(1)	0.45(1)
68	FONDAZIO	32-31	0.00	0.68(1)	0.50(11)	0.50(1)	0.47(1)	0.45(1)

	NE							
			65.00	0.68(1)	0.51(11)	0.50(1)	0.47(1)	0.46(1)
			130.00	0.68(1)	0.51(11)	0.50(1)	0.47(1)	0.46(1)
69	FONDAZIO NE	32-31	0.00	0.68(1)	0.51(11)	0.50(1)	0.47(1)	0.46(1)
			65.00	0.68(1)	0.52(11)	0.50(1)	0.47(1)	0.46(1)
			130.00	0.68(1)	0.52(11)	0.51(1)	0.47(1)	0.46(1)
70	FONDAZIO NE	32-31	0.00	0.68(1)	0.52(17)	0.51(1)	0.47(1)	0.46(1)
			65.00	0.69(1)	0.53(17)	0.51(1)	0.47(1)	0.46(1)
			130.00	0.69(1)	0.53(17)	0.51(1)	0.48(1)	0.46(1)
71	FONDAZIO NE	32-31	0.00	0.69(1)	0.53(17)	0.51(1)	0.48(1)	0.46(1)
			65.00	0.69(1)	0.54(17)	0.51(1)	0.48(1)	0.46(1)
			130.00	0.70(1)	0.56(17)	0.51(1)	0.48(1)	0.47(1)
72	FONDAZIO NE	31-34	0.00	0.70(1)	0.56(17)	0.51(1)	0.48(1)	0.47(1)
			70.00	0.70(1)	0.57(17)	0.52(1)	0.48(1)	0.47(1)
			140.00	0.70(1)	0.58(17)	0.52(1)	0.48(1)	0.47(1)
73	FONDAZIO NE	33-32	0.00	0.67(1)	0.54(20)	0.49(1)	0.46(1)	0.45(1)
			65.00	0.67(1)	0.53(20)	0.49(1)	0.46(1)	0.45(1)
			130.00	0.67(1)	0.52(20)	0.50(1)	0.46(1)	0.45(1)
74	FONDAZIO NE	33-32	0.00	0.67(1)	0.52(12)	0.50(1)	0.46(1)	0.45(1)
			65.00	0.67(1)	0.52(12)	0.50(1)	0.46(1)	0.45(1)
			130.00	0.67(1)	0.51(12)	0.50(1)	0.46(1)	0.45(1)
75	FONDAZIO NE	33-32	0.00	0.67(1)	0.51(12)	0.50(1)	0.46(1)	0.45(1)
			65.00	0.67(1)	0.51(12)	0.50(1)	0.46(1)	0.45(1)
			130.00	0.67(1)	0.51(12)	0.50(1)	0.47(1)	0.45(1)
76	FONDAZIO NE	33-32	0.00	0.67(1)	0.51(12)	0.50(1)	0.47(1)	0.45(1)
			65.00	0.67(1)	0.51(12)	0.50(1)	0.47(1)	0.45(1)
			130.00	0.68(1)	0.50(12)	0.50(1)	0.47(1)	0.45(1)
77	FONDAZIO NE	35-33	0.00	0.67(1)	0.56(20)	0.50(1)	0.46(1)	0.45(1)
			70.00	0.67(1)	0.55(20)	0.49(1)	0.46(1)	0.45(1)
			140.00	0.67(1)	0.54(20)	0.49(1)	0.46(1)	0.45(1)
78	FONDAZIO NE	37-36	0.00	0.67(1)	0.50(6)	0.50(1)	0.46(1)	0.45(1)
			65.00	0.67(1)	0.50(6)	0.50(1)	0.46(1)	0.45(1)
			130.00	0.67(1)	0.51(6)	0.50(1)	0.46(1)	0.45(1)
79	FONDAZIO NE	37-36	0.00	0.67(1)	0.51(6)	0.50(1)	0.46(1)	0.45(1)
			65.00	0.67(1)	0.51(6)	0.50(1)	0.46(1)	0.45(1)
			130.00	0.67(1)	0.52(6)	0.50(1)	0.47(1)	0.45(1)
80	FONDAZIO NE	37-36	0.00	0.67(1)	0.52(14)	0.50(1)	0.47(1)	0.45(1)
			65.00	0.67(1)	0.52(14)	0.50(1)	0.47(1)	0.45(1)
			130.00	0.67(1)	0.53(14)	0.50(1)	0.47(1)	0.46(1)
81	FONDAZIO NE	37-36	0.00	0.67(1)	0.53(14)	0.50(1)	0.47(1)	0.46(1)
			65.00	0.68(1)	0.54(14)	0.50(1)	0.47(1)	0.46(1)
			130.00	0.68(1)	0.55(14)	0.50(1)	0.47(1)	0.46(1)
82	FONDAZIO NE	36-39	0.00	0.68(1)	0.55(14)	0.50(1)	0.47(1)	0.46(1)
			70.00	0.68(1)	0.56(14)	0.50(1)	0.47(1)	0.46(1)
			140.00	0.68(1)	0.57(14)	0.51(1)	0.47(1)	0.46(1)
83	FONDAZIO NE	38-37	0.00	0.67(1)	0.54(19)	0.50(1)	0.46(1)	0.45(1)
			65.00	0.67(1)	0.53(19)	0.50(1)	0.46(1)	0.45(1)
			130.00	0.67(1)	0.52(19)	0.50(1)	0.46(1)	0.45(1)
84	FONDAZIO NE	38-37	0.00	0.67(1)	0.52(9)	0.50(1)	0.46(1)	0.45(1)
			65.00	0.67(1)	0.51(9)	0.49(1)	0.46(1)	0.45(1)
			130.00	0.67(1)	0.51(9)	0.49(1)	0.46(1)	0.45(1)
85	FONDAZIO NE	38-37	0.00	0.67(1)	0.51(9)	0.49(1)	0.46(1)	0.45(1)
			65.00	0.67(1)	0.51(9)	0.49(1)	0.46(1)	0.45(1)
			130.00	0.67(1)	0.51(9)	0.49(1)	0.46(1)	0.45(1)
86	FONDAZIO NE	38-37	0.00	0.67(1)	0.51(9)	0.49(1)	0.46(1)	0.45(1)

			65.00	0.67(1)	0.50(9)	0.49(1)	0.46(1)	0.45(1)
			130.00	0.67(1)	0.50(9)	0.50(1)	0.46(1)	0.45(1)
87	FONDAZIONE	40-38	0.00	0.67(1)	0.57(19)	0.50(1)	0.46(1)	0.45(1)
			70.00	0.67(1)	0.55(19)	0.49(1)	0.46(1)	0.45(1)
			140.00	0.67(1)	0.54(19)	0.50(1)	0.46(1)	0.45(1)

* valore massimo.

2.3 Verifiche Nodi.

2.3.1 Verifiche SLV - Gerarchia delle resistenze

Nodo : numerazione interna del nodo;
 Imp. : impalcato al quale appartiene il nodo considerato;
 Filo : filo fisso al quale appartiene il nodo considerato;
 Dati Gerarchia : dati di sovrarresistenza pilastri-travi intorno all'asse considerato;
 : $\Sigma M_{C,rd}$ sommatoria momenti resistenti dei pilastri;
 : $\Sigma M_{B,rd}$ sommatoria momenti resistenti delle travi;
 : γ_R coefficiente di sovrarresistenza;
 Esito : Esito della verifica : V = VERIFICATA;
 : NV = NON VERIFICATA;

Tabella 30.I

				Dati Gerarchia						
				Dir. X			Dir. Y			
Nodo	Imp.	Filo		$\Sigma M_{C,rd}$	$\Sigma M_{B,rd}$	γ_R	$\Sigma M_{C,rd}$	$\Sigma M_{B,rd}$	γ_R	Esito
1	PRIMO IMPALCATO	1	V-	2033833	-1366825	1.49	1743159	-673165	2.59	V
			V+	-2033833	1353930	1.50	-1743159	806393	2.16	V
2	PRIMO IMPALCATO	2	V-	2050994	-1462218	1.40	2327551	-808487	2.88	V
			V+	-2050994	1464696	1.40	-2327551	674641	3.45	V
5	PRIMO IMPALCATO	5	V-	2050876	-1462218	1.40	2327452	-674641	3.45	V
			V+	-2050876	1464696	1.40	-2327452	808487	2.88	V
6	PRIMO IMPALCATO	6	V-	2032975	-1366825	1.49	1742554	-806393	2.16	V
			V+	-2032975	1353930	1.50	-1742554	673165	2.59	V
7	PRIMO IMPALCATO	7	V-	2486840	-1766524	1.41	2152672	-748723	2.88	V
			V+	-2486840	1766524	1.41	-2152672	748723	2.88	V
9	PRIMO IMPALCATO	9	V-	3666573	-1727776	2.12	2451858	-616870	3.97	V
			V+	-3666573	1727776	2.12	-2451858	616870	3.97	V
10	PRIMO IMPALCATO	10	V-	3665942	-1727776	2.12	2451570	-616870	3.97	V
			V+	-3665942	1727776	2.12	-2451570	616870	3.97	V
12	PRIMO IMPALCATO	12	V-	2486973	-1766524	1.41	2152781	-748723	2.88	V
			V+	-2486973	1766524	1.41	-2152781	748723	2.88	V
13	PRIMO IMPALCATO	13	V-	2019588	-1220786	1.65	1732330	-673165	2.57	V
			V+	-2019588	1220786	1.65	-1732330	673165	2.57	V
14	PRIMO IMPALCATO	14	V-	2021628	-1328107	1.52	2299342	-808544	2.84	V
			V+	-2021628	1328107	1.52	-2299342	808544	2.84	V

15	PRIMO IMPALCAT O	15	V-	2085940	-1459606	1.43	2063985	-672616	3.07	V
			V+	-2085940	1459606	1.43	-2063985	672616	3.07	V
16	PRIMO IMPALCAT O	16	V-	2085450	-1459606	1.43	2063532	-672616	3.07	V
			V+	-2085450	1459606	1.43	-2063532	672616	3.07	V
17	PRIMO IMPALCAT O	17	V-	2021340	-1328107	1.52	2299085	-674680	3.41	V
			V+	-2021340	1328107	1.52	-2299085	674680	3.41	V
18	PRIMO IMPALCAT O	18	V-	2019618	-1220786	1.65	1732351	-806393	2.15	V
			V+	-2019618	1220786	1.65	-1732351	806393	2.15	V

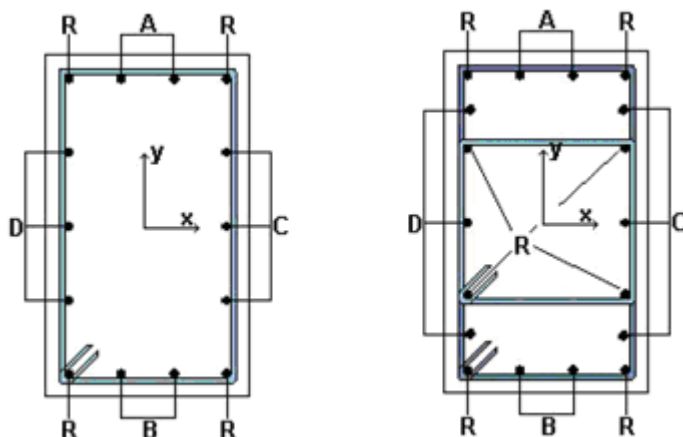
2.3.2 Verifiche SLV - Verifica Nodo.

Nodo : numerazione interna del nodo;
 Filo : filo fisso al quale appartiene il nodo considerato;
 D staffe : passo delle staffe;
 Ø : diametro delle staffe;
 S traz : coefficiente di sicurezza per integrità per fessurazione;
 S comp : coefficiente di sicurezza per compressione puntone diagonale;
 Esito : Esito della verifica : V = VERIFICATA;
 : NV = NON VERIFICATA;

Tabella 31.I

Nodo	Imp.	Filo	D staffe [cm]	Ø [mm]	η	vd	VjbdX [daN]	S comp X	VjbdY [daN]	S comp Y	Esito comp	S traz	Esito traz
41	PRIMO IMPALC ATO	1	6	8	0.54	0.05	-13655.61	10.30	-12113.81	8.30	V	1.21	V
42	PRIMO IMPALC ATO	2	15	8	0.54	0.03	1779.96	57.30	2819.98	50.63	V	1.46	V
43	PRIMO IMPALC ATO	3	5	10	0.54	0.00	61.59	-	-30712.64	-	V	1.00	V
44	PRIMO IMPALC ATO	4	5	10	0.54	0.00	2378.72	-	-30628.36	-	V	1.00	V
45	PRIMO IMPALC ATO	5	15	8	0.54	0.03	-1781.89	57.23	2941.44	48.54	V	1.40	V
46	PRIMO IMPALC ATO	6	8	8	0.54	0.04	7772.01	18.15	9402.90	10.72	V	1.46	V
47	PRIMO IMPALC ATO	7	8	8	0.54	0.10	-11537.52	11.52	6368.88	14.91	V	1.14	V
48	PRIMO IMPALC ATO	8	15	8	0.54	0.00	-1.49	-	-320.50	-	V	12.27	V
49	PRIMO IMPALC ATO	9	12	8	0.54	0.10	-1392.56	133.71	-7771.72	13.31	V	1.25	V
50	PRIMO IMPALC ATO	10	12	8	0.54	0.10	617.36	302.30	-7311.19	14.18	V	1.33	V
51	PRIMO IMPALC ATO	11	15	8	0.54	0.00	1.48	-	-320.52	-	V	12.27	V
52	PRIMO IMPALC ATO	12	12	8	0.54	0.10	3233.38	41.14	4142.95	22.93	V	1.71	V
53	PRIMO IMPALC ATO	13	6	8	0.54	0.05	-14538.08	9.66	-6084.86	16.48	V	1.18	V

54	PRIMO IMPALC ATO	14	5	8	0.54	0.02	1901.85	54.13	17092.44	8.43	V	1.11	V
55	PRIMO IMPALC ATO	15	4	12	0.54	0.07	7796.06	12.53	31849.19	4.29	V	1.13	V
56	PRIMO IMPALC ATO	16	4	12	0.54	0.07	-7889.19	12.38	31796.81	4.30	V	1.13	V
57	PRIMO IMPALC ATO	17	5	8	0.54	0.02	-2424.58	42.45	16949.47	8.50	V	1.11	V
58	PRIMO IMPALC ATO	18	8	8	0.54	0.05	12684.58	11.06	-6463.26	15.51	V	1.01	V
81	PRIMO IMPALC ATO	41	6	10	0.43	0.11	-1059.03	96.61	24880.88	2.94	V	1.03	V
82	PRIMO IMPALC ATO	42	6	10	0.43	0.11	268.38	381.75	24840.05	2.95	V	1.03	V
83	SECOND O IMPALC ATO	1	6	10	0.43	0.00	-1549.78	-	30698.21	-	V	1.00	V
84	SECOND O IMPALC ATO	2	10	8	0.43	0.00	11164.85	-	-347.00	-	V	1.06	V
87	SECOND O IMPALC ATO	5	10	8	0.43	0.00	-11177.65	-	-346.24	-	V	1.06	V
88	SECOND O IMPALC ATO	6	6	10	0.43	0.00	1569.14	-	30718.75	-	V	1.00	V
89	SECOND O IMPALC ATO	7	12	8	0.43	0.00	0.00	-	0.00	-	V	-	V
90	SECOND O IMPALC ATO	9	6	8	0.43	0.00	10456.87	-	19640.51	-	V	1.00	V
91	SECOND O IMPALC ATO	10	6	8	0.43	0.00	-10458.66	-	19648.83	-	V	1.00	V
92	SECOND O IMPALC ATO	12	12	8	0.43	0.00	0.00	-	0.00	-	V	-	V
93	SECOND O IMPALC ATO	13	7	8	0.43	0.00	13569.22	-	-15538.09	-	V	1.01	V
94	SECOND O IMPALC ATO	14	11	8	0.43	0.00	-2.97	-	-123.61	-	V	63.65	V
95	SECOND O IMPALC ATO	15	10	8	0.43	0.00	2.96	-	-11798.66	-	V	1.00	V
96	SECOND O IMPALC ATO	16	10	8	0.43	0.00	-2.97	-	-11795.12	-	V	1.00	V
97	SECOND O IMPALC ATO	17	11	8	0.43	0.00	2.97	-	-123.58	-	V	63.67	V
98	SECOND O	18	7	8	0.43	0.00	-13585.25	-	-15552.06	-	V	1.01	V



Pilastro	Asta	Imp.	Filo	Tip o Sez.	g _{c2} [%]	g _{cu} 2 [%]	Pos.				Azioni Sollecitanti					Azioni Resistenti			C	S	Esito			
								Cop [cm]	Asn [cm²]	CdC	Nsd [daN]	Msdxz [daNm]	Msdxy [daNm]	g _{cls} [%]	g _{acc} [%]	Nrd [daN]	Mrdxz [daNm]	Mrdxy [daNm]						
1	213	PRIM O IMPA LCAT O	1	3	2.00	3.50	Testa	Armatura: 4 Ø 14 (R), 1 Ø 14 (A), 1 Ø 14 (B), 1 Ø 14 (C), 1 Ø 14 (D)																
								2.5	12.3	23G	-13548	8884	0	3.50	12.5 5	-13548	10076	0	3	1.13	V			
								2.5	12.3	24G	-13548	0	5242	3.50	10.2 8	-13548	0	7171	3	1.37	V			
							Piede	Armatura: 4 Ø 14 (R), 1 Ø 14 (A), 1 Ø 14 (B), 1 Ø 14 (C), 1 Ø 14 (D)																
								2.5	12.3	20	-14735	-1752	0	3.50	12.1 2	-14735	-7173	0	3	4.09	V			
								2.5	12.3	3	-24170	0	-1640	3.50	7.74	-24171	0	-5736	3	3.50	V			
2	253	SECO NDO IMPA LCAT O	1	2	2.00	3.50	Testa	Armatura: 4 Ø 18 (R), 2 Ø 14 (A), 2 Ø 14 (B), 2 Ø 14 (C), 2 Ø 14 (D)																
								2.5	22.5	2	-12525	-4655	0	3.50	6.66	-12525	-7442	0	3	1.60	V			
								2.5	22.5	7	-6919	0	1538	3.50	7.39	-6919	0	7164	3	4.66	V			
							Piede	Armatura: 4 Ø 18 (R), 2 Ø 14 (A), 2 Ø 14 (B), 2 Ø 14 (C), 2 Ø 14 (D)																
								2.5	22.5	23G	-7289	8884	0	3.50	7.34	-7290	10262	0	3	1.16	V			
								2.5	22.5	24G	-7289	0	5242	3.50	7.34	-7290	0	10262	3	1.96	V			
3	214	PRIM O IMPA LCAT O	2	4	2.00	3.50	Testa	Armatura: 4 Ø 14 (R), 3 Ø 14 (A), 3 Ø 14 (B), 1 Ø 14 (C), 1 Ø 14 (D)																
								2.5	18.5	22G	-19884	-9521	0	3.50	8.40	-19883	-10426	0	3	1.10	V			
								2.5	18.5	25G	-19884	0	-5255	3.50	6.57	-19883	0	-13190	3	2.51	V			
							Piede	Armatura: 4 Ø 14 (R), 3 Ø 14 (A), 3 Ø 14 (B), 1 Ø 14 (C), 1 Ø 14 (D)																
								2.5	18.5	20	-21647	-1036	0	3.50	8.08	-21648	-7417	0	3	7.16	V			
								2.5	18.5	22G	-20672	0	0	0.00	0.00	-24228 4	0	0	6	11.7 2	V			
4	254	SECO NDO IMPA LCAT O	2	2	2.00	3.50	Testa	Armatura: 4 Ø 18 (R), 2 Ø 14 (A), 2 Ø 14 (B), 2 Ø 14 (C), 2 Ø 14 (D)																
								2.5	22.5	20	-4486	772	0	3.50	7.69	-4486	7037	0	3	9.11	V			
								2.5	22.5	10	-4424	0	-3307	3.50	7.69	-4424	0	-7034	3	2.13	V			
							Piede	Armatura: 4 Ø 18 (R), 2 Ø 14 (A), 2 Ø 14 (B), 2 Ø 14 (C), 2 Ø 14 (D)																
								2.5	22.5	22G	-4923	-9521	0	3.50	7.63	-4922	-10085	0	3	1.06	V			
								2.5	22.5	25G	-4923	0	-5255	3.50	7.63	-4922	0	-10085	3	1.92	V			
5	215	PRIM O IMPA LCAT O	3	10	2.00	3.50	Testa	Armatura: 4 Ø 20 (R), 2 Ø 20 (A), 2 Ø 20 (B), 4 Ø 16 (C), 4 Ø 16 (D)																
								2.5	41.2	2	-55472	-19715	0	3.50	4.19	-55472	-25161	0	3	1.28	V			
								2.5	41.2	2	-55472	0	-3169	3.50	3.66	-55473	0	-14081	3	4.44	V			
							Piede	Armatura: 4 Ø 20 (R), 2 Ø 20 (A), 2 Ø 20 (B), 4 Ø 16 (C), 4 Ø 16 (D)																
								2.5	41.2	18	-32994	-2157	0	3.50	5.51	-32994	-24201	0	3	11.2 2	V			
								2.5	41.2	3	-56752	0	1513	3.50	3.61	-56753	0	14092	3	9.32	V			
6	216	PRIM O IMPA LCAT O	4	10	2.00	3.50	Testa	Armatura: 4 Ø 20 (R), 2 Ø 20 (A), 2 Ø 20 (B), 4 Ø 16 (C), 4 Ø 16 (D)																
								2.5	41.2	2	-55358	-19699	0	3.50	4.20	-55358	-25157	0	3	1.28	V			
								2.5	41.2	2	-55358	0	3159	3.50	3.67	-55358	0	14080	3	4.46	V			
							Piede	Armatura: 4 Ø 20 (R), 2 Ø 20 (A), 2 Ø 20 (B), 4 Ø 16 (C), 4 Ø 16 (D)																
								2.5	41.2	21	-32931	-2155	0	3.50	5.52	-32931	-24197	0	3	11.2 3	V			
								2.5	41.2	3	-56638	0	-1499	3.50	3.62	-56639	0	-14091	3	9.40	V			
7	217	PRIM O	5	4	2.00	3.50	Testa	Armatura: 4 Ø 14 (R), 3 Ø 14 (A), 3 Ø 14 (B), 1 Ø 14 (C), 1 Ø 14 (D)																

16	222	PRIMO IMPALCATO	10	10	2.00	3.50	Testa	Armatura: 4 Ø 14 (R), 1 Ø 14 (A), 1 Ø 14 (B), 2 Ø 14 (C), 2 Ø 14 (D)													
								2.5	15.4	22G	-48086	-13784	0	3.50	5.64	-48086	-19111	0	3	1.39	V
								2.5	15.4	24G	-48086	0	4010	3.50	5.40	-48087	0	11603	3	2.89	V
							Piede	Armatura: 4 Ø 14 (R), 1 Ø 14 (A), 1 Ø 14 (B), 2 Ø 14 (C), 2 Ø 14 (D)													
								2.5	15.4	19	-52318	-2566	0	3.50	5.19	-52319	-13650	0	3	5.32	V
								2.5	15.4	22G	-49070	0	0	0.00	0.00	-27273	0	0	6	5.56	V
17	259	SECONDO IMPALCATO	10	3	2.00	3.50	Testa	Armatura: 4 Ø 18 (R), 2 Ø 14 (A), 2 Ø 14 (B), 3 Ø 14 (C), 3 Ø 14 (D)													
								2.5	25.6	16	-19273	-5828	0	3.50	6.64	-19274	-12243	0	3	2.10	V
								2.5	25.6	7	-20534	0	2827	3.50	6.93	-20535	0	9070	3	3.21	V
							Piede	Armatura: 4 Ø 18 (R), 2 Ø 14 (A), 2 Ø 14 (B), 3 Ø 14 (C), 3 Ø 14 (D)													
								2.5	25.6	22G	-19924	-13784	0	3.50	6.54	-19923	-17548	0	3	1.27	V
								2.5	25.6	9	-21622	0	-3421	3.50	6.80	-21622	0	-9123	3	2.67	V
18	223	PRIMO IMPALCATO	11	2	2.00	3.50	Testa	Armatura: 4 Ø 14 (R), 1 Ø 14 (A), 1 Ø 14 (B), 1 Ø 14 (C), 1 Ø 14 (D)													
								2.5	12.3	21	-18451	783	0	3.50	6.77	-18451	5198	0	3	6.64	V
								2.5	12.3	22G	-18408	0	0	0.00	0.00	-17568	0	0	6	9.54	V
							Piede	Armatura: 4 Ø 14 (R), 1 Ø 14 (A), 1 Ø 14 (B), 1 Ø 14 (C), 1 Ø 14 (D)													
								2.5	12.3	24G	-18999	0	0	0.00	0.00	-17568	0	0	6	9.25	V
								2.5	12.3	22G	-18999	0	0	0.00	0.00	-17568	0	0	6	9.25	V
19	224	PRIMO IMPALCATO	12	3	2.00	3.50	Testa	Armatura: 4 Ø 14 (R), 1 Ø 14 (A), 1 Ø 14 (B), 1 Ø 14 (C), 1 Ø 14 (D)													
								2.5	12.3	22G	-28605	-11482	0	3.50	7.16	-28604	-11915	0	3	1.04	V
								2.5	12.3	25G	-28605	0	-4867	3.50	6.77	-28605	0	-8575	3	1.76	V
							Piede	Armatura: 4 Ø 14 (R), 1 Ø 14 (A), 1 Ø 14 (B), 1 Ø 14 (C), 1 Ø 14 (D)													
								2.5	12.3	24G	-29393	0	0	0.00	0.00	-21818	0	0	6	7.42	V
								2.5	12.3	1	-49891	0	2199	3.50	4.04	-49892	0	6651	3	3.02	V
20	260	SECONDO IMPALCATO	12	2	2.00	3.50	Testa	Armatura: 4 Ø 20 (R), 2 Ø 16 (A), 2 Ø 16 (B), 2 Ø 16 (C), 2 Ø 16 (D)													
								2.5	28.7	16	-16327	-1947	0	3.50	5.32	-16327	-9050	0	3	4.65	V
								2.5	28.7	22G	-16242	0	0	0.00	0.00	-23961	0	0	6	14.75	V
							Piede	Armatura: 4 Ø 20 (R), 2 Ø 16 (A), 2 Ø 16 (B), 2 Ø 16 (C), 2 Ø 16 (D)													
								2.5	28.7	22G	-16855	-11482	0	3.50	5.25	-16854	-12955	0	3	1.13	V
								2.5	28.7	25G	-16855	0	-4867	3.50	5.25	-16854	0	-12955	3	2.66	V
21	225	PRIMO IMPALCATO	13	3	2.00	3.50	Testa	Armatura: 4 Ø 14 (R), 1 Ø 14 (A), 1 Ø 14 (B), 1 Ø 14 (C), 1 Ø 14 (D)													
								2.5	12.3	22G	-12763	-8019	0	3.50	12.83	-12763	-9962	0	3	1.24	V
								2.5	12.3	24G	-12763	0	5242	3.50	10.50	-12764	0	7091	3	1.35	V
							Piede	Armatura: 4 Ø 14 (R), 1 Ø 14 (A), 1 Ø 14 (B), 1 Ø 14 (C), 1 Ø 14 (D)													
								2.5	12.3	17	-13869	1640	0	3.50	12.43	-13868	7086	0	3	4.32	V
								2.5	12.3	3	-22914	0	-1660	3.50	8.01	-22915	0	-5656	3	3.41	V
22	261	SECONDO IMPALCATO	13	2	2.00	3.50	Testa	Armatura: 4 Ø 18 (R), 2 Ø 14 (A), 2 Ø 14 (B), 2 Ø 14 (C), 2 Ø 14 (D)													
								2.5	22.5	2	-11991	4119	0	3.50	6.73	-11991	7416	0	3	1.80	V
								2.5	22.5	11	-7587	0	-1394	3.50	7.31	-7587	0	-7199	3	5.16	V
							Piede	Armatura: 4 Ø 18 (R), 2 Ø 14 (A), 2 Ø 14 (B), 2 Ø 14 (C), 2 Ø 14 (D)													
								2.5	22.5	22G	-6903	-8019	0	3.50	7.39	-6904	-10233	0	3	1.28	V
								2.5	22.5	24G	-6903	0	5242	3.50	7.39	-6904	0	10233	3	1.95	V
23	226	PRIMO IMPALCATO	14	4	2.00	3.50	Testa	Armatura: 4 Ø 14 (R), 3 Ø 14 (A), 3 Ø 14 (B), 1 Ø 14 (C), 1 Ø 14 (D)													
								2.5	18.5	23G	-18062	8633	0	3.50	8.74	-18062	10248	0	3	1.19	V
								2.5	18.5	25G	-18062	0	-5256	3.50	6.86	-18061	0	-13023	3	2.48	V
							Piede	Armatura: 4 Ø 14 (R), 3 Ø 14 (A), 3 Ø 14 (B), 1 Ø 14 (C), 1 Ø 14 (D)													
								2.5	18.5	17	-20079	916	0	3.50	8.37	-20080	7311	0	3	7.98	V
								2.5	18.5	22G	-18850	0	0	0.00	0.00	-24228	0	0	6	12.85	V
24	262	SECONDO IMPALCATO	14	2	2.00	3.50	Testa	Armatura: 4 Ø 18 (R), 2 Ø 14 (A), 2 Ø 14 (B), 2 Ø 14 (C), 2 Ø 14 (D)													
								2.5	22.5	2	-4895	1200	0	3.50	7.64	-4895	7058	0	3	5.88	V
								2.5	22.5	11	-2770	0	-1891	3.50	7.90	-2770	0	-6947	3	3.67	V
							Piede	Armatura: 4 Ø 18 (R), 2 Ø 14 (A), 2 Ø 14 (B), 2 Ø 14 (C), 2 Ø 14 (D)													

								2.5	22.5	23G	-3383	8633	0	3.50	7.82	-3382	9970	0	3	1.15	V
								2.5	22.5	25G	-3383	0	-5256	3.50	7.82	-3382	0	-9970	3	1.90	V
25	227	PRIMO IMPA LCATO	15	4	2.00	3.50	Testa	Armatura: 4 Ø 14 (R), 3 Ø 14 (A), 3 Ø 14 (B), 1 Ø 14 (C), 1 Ø 14 (D)													
								2.5	18.5	22G	-26427	-9487	0	3.50	7.26	-26426	-11046	0	3	1.16	V
								2.5	18.5	24G	-26427	0	4372	3.50	5.80	-26427	0	13652	3	3.12	V
							Piede	Armatura: 4 Ø 14 (R), 3 Ø 14 (A), 3 Ø 14 (B), 1 Ø 14 (C), 1 Ø 14 (D)													
								2.5	18.5	24G	-27214	0	0	0.00	0.00	-24228 4	0	0	6	8.90	V
								2.5	18.5	22G	-27214	0	0	0.00	0.00	-24228 4	0	0	6	8.90	V
26	263	SECONDO IMPA LCATO	15	3	2.00	3.50	Testa	Armatura: 4 Ø 14 (R), 1 Ø 14 (A), 1 Ø 14 (B), 1 Ø 14 (C), 1 Ø 14 (D)													
								2.5	12.3	2	-19157	6335	0	3.50	10.3 9	-19158	7592	0	3	1.20	V
								2.5	12.3	11	-11603	0	-2129	3.50	10.8 2	-11604	0	-4881	3	2.29	V
							Piede	Armatura: 4 Ø 14 (R), 1 Ø 14 (A), 1 Ø 14 (B), 1 Ø 14 (C), 1 Ø 14 (D)													
								2.5	12.3	22G	-11748	-9487	0	3.50	13.2 1	-11749	-9814	0	3	1.03	V
								2.5	12.3	25G	-11748	0	-4372	3.50	10.7 8	-11748	0	-6988	3	1.60	V
27	228	PRIMO IMPA LCATO	16	4	2.00	3.50	Testa	Armatura: 4 Ø 14 (R), 3 Ø 14 (A), 3 Ø 14 (B), 1 Ø 14 (C), 1 Ø 14 (D)													
								2.5	18.5	22G	-26395	-9487	0	3.50	7.27	-26394	-11043	0	3	1.16	V
								2.5	18.5	24G	-26395	0	4372	3.50	5.80	-26395	0	13650	3	3.12	V
							Piede	Armatura: 4 Ø 14 (R), 3 Ø 14 (A), 3 Ø 14 (B), 1 Ø 14 (C), 1 Ø 14 (D)													
								2.5	18.5	24G	-27182	0	0	0.00	0.00	-24228 4	0	0	6	8.91	V
								2.5	18.5	22G	-27182	0	0	0.00	0.00	-24228 4	0	0	6	8.91	V
28	264	SECONDO IMPA LCATO	16	3	2.00	3.50	Testa	Armatura: 4 Ø 14 (R), 1 Ø 14 (A), 1 Ø 14 (B), 1 Ø 14 (C), 1 Ø 14 (D)													
								2.5	12.3	2	-19158	6333	0	3.50	10.3 9	-19158	7592	0	3	1.20	V
								2.5	12.3	6	-11604	0	2127	3.50	10.8 2	-11604	0	4881	3	2.30	V
							Piede	Armatura: 4 Ø 14 (R), 1 Ø 14 (A), 1 Ø 14 (B), 1 Ø 14 (C), 1 Ø 14 (D)													
								2.5	12.3	22G	-11748	-9487	0	3.50	13.2 1	-11749	-9814	0	3	1.03	V
								2.5	12.3	25G	-11748	0	-4372	3.50	10.7 8	-11748	0	-6988	3	1.60	V
29	229	PRIMO IMPA LCATO	17	4	2.00	3.50	Testa	Armatura: 4 Ø 14 (R), 3 Ø 14 (A), 3 Ø 14 (B), 1 Ø 14 (C), 1 Ø 14 (D)													
								2.5	18.5	23G	-18030	8633	0	3.50	8.75	-18030	10245	0	3	1.19	V
								2.5	18.5	24G	-18030	0	5256	3.50	6.86	-18031	0	13021	3	2.48	V
							Piede	Armatura: 4 Ø 14 (R), 3 Ø 14 (A), 3 Ø 14 (B), 1 Ø 14 (C), 1 Ø 14 (D)													
								2.5	18.5	14	-20046	912	0	3.50	8.37	-20045	7309	0	3	8.01	V
								2.5	18.5	22G	-18817	0	0	0.00	0.00	-24228 4	0	0	6	12.8 8	V
30	265	SECONDO IMPA LCATO	17	2	2.00	3.50	Testa	Armatura: 4 Ø 18 (R), 2 Ø 14 (A), 2 Ø 14 (B), 2 Ø 14 (C), 2 Ø 14 (D)													
								2.5	22.5	2	-4897	1201	0	3.50	7.64	-4896	7058	0	3	5.88	V
								2.5	22.5	6	-2772	0	1887	3.50	7.90	-2773	0	6947	3	3.68	V
							Piede	Armatura: 4 Ø 18 (R), 2 Ø 14 (A), 2 Ø 14 (B), 2 Ø 14 (C), 2 Ø 14 (D)													
								2.5	22.5	23G	-3385	8633	0	3.50	7.82	-3385	9970	0	3	1.15	V
								2.5	22.5	24G	-3385	0	5256	3.50	7.82	-3385	0	9970	3	1.90	V
31	230	PRIMO IMPA LCATO	18	3	2.00	3.50	Testa	Armatura: 4 Ø 14 (R), 1 Ø 14 (A), 1 Ø 14 (B), 1 Ø 14 (C), 1 Ø 14 (D)													
								2.5	12.3	22G	-12765	-8019	0	3.50	12.8 3	-12765	-9963	0	3	1.24	V
								2.5	12.3	25G	-12765	0	-5242	3.50	10.5 0	-12766	0	-7091	3	1.35	V
							Piede	Armatura: 4 Ø 14 (R), 1 Ø 14 (A), 1 Ø 14 (B), 1 Ø 14 (C), 1 Ø 14 (D)													
								2.5	12.3	14	-13871	1627	0	3.50	12.4 3	-13870	7086	0	3	4.36	V
								2.5	12.3	3	-22917	0	1664	3.50	8.01	-22916	0	5656	3	3.40	V
32	266	SECONDO IMPA LCATO	18	2	2.00	3.50	Testa	Armatura: 4 Ø 18 (R), 2 Ø 14 (A), 2 Ø 14 (B), 2 Ø 14 (C), 2 Ø 14 (D)													
								2.5	22.5	2	-11991	4127	0	3.50	6.73	-11991	7416	0	3	1.80	V
								2.5	22.5	6	-7587	0	1390	3.50	7.31	-7587	0	7199	3	5.18	V
							Piede	Armatura: 4 Ø 18 (R), 2 Ø 14 (A), 2 Ø 14 (B), 2 Ø 14 (C), 2 Ø 14 (D)													
								2.5	22.5	22G	-6903	-8019	0	3.50	7.39	-6904	-10233	0	3	1.28	V
								2.5	22.5	25G	-6903	0	-5242	3.50	7.39	-6904	0	-10233	3	1.95	V

33	267	SECONDO IMPA LCAT O	41	3	2.00	3.50	Testa	Armatura: 4 Ø 14 (R), 2 Ø 14 (A), 2 Ø 14 (B), 1 Ø 14 (C), 1 Ø 14 (D)													
								2.5	15.4	18	-16993	5567	0	3.50	11.3 4	-16994	8746	0	3	1.57	V
								2.5	15.4	10	-18732	0	-3463	3.50	7.28	-18731	0	-5992	3	1.73	V
							Piede	Armatura: 4 Ø 14 (R), 2 Ø 14 (A), 2 Ø 14 (B), 1 Ø 14 (C), 1 Ø 14 (D)													
								2.5	15.4	17	-20124	8387	0	3.50	9.97	-20124	9025	0	3	1.08	V
								2.5	15.4	10	-19550	0	2382	3.50	7.17	-19550	0	6032	3	2.53	V
34	268	SECONDO IMPA LCAT O	42	3	2.00	3.50	Testa	Armatura: 4 Ø 14 (R), 2 Ø 14 (A), 2 Ø 14 (B), 1 Ø 14 (C), 1 Ø 14 (D)													
								2.5	15.4	21	-17001	5570	0	3.50	11.3 4	-17000	8746	0	3	1.57	V
								2.5	15.4	7	-18739	0	3463	3.50	7.28	-18739	0	5992	3	1.73	V
							Piede	Armatura: 4 Ø 14 (R), 2 Ø 14 (A), 2 Ø 14 (B), 1 Ø 14 (C), 1 Ø 14 (D)													
								2.5	15.4	14	-20131	8378	0	3.50	9.97	-20132	9026	0	3	1.08	V
								2.5	15.4	7	-19557	0	-2384	3.50	7.17	-19558	0	-6032	3	2.53	V

2.4.1.1.2 Verifiche SLV - Taglio.

- Pilastro : numerazione interna del pilastro;
 Asta : numerazione interna dell'asta;
 Imp. : impalcato al quale appartiene l'asta considerata;
 Filo : filo fisso al quale appartiene l'asta considerata;
 Tipo Sez. : tipo di sezione dell'asta considerata;
 Blocco:
 1 : tratto (iniziale) nel quale le staffe vengono mantenute costanti;
 2 : tratto (mediano) nel quale le staffe vengono mantenute costanti;
 3 : tratto (finale) nel quale le staffe vengono mantenute costanti;
 Cop : distanza tra la superficie esterna dell'armatura più prossima alla superficie del calcestruzzo e la superficie stessa del calcestruzzo;
 cot(θ) : cotangente dell'angolo θ;

Tagli Sollecitanti:

- V_{sdXZ} : valore del Taglio X-Z sollecitante di calcolo (calcolato per soddisfare $V_{sd} = V_{Ed}$;
 $V_{Ed} = \gamma_{Rd} (M_{C,Rd}^{sup} + M_{C,Rd}^{inf}) / 1_p$);
 V_{sdXY} : valore del Taglio X-Y sollecitante di calcolo (calcolato per soddisfare $V_{sd} = V_{Ed}$;
 $V_{Ed} = \gamma_{Rd} (M_{C,Rd}^{sup} + M_{C,Rd}^{inf}) / 1_p$);
 $\gamma_{Rd} = 1.1$;
 Valore massimo del taglio calcolato analizzando la struttura con lo spettro elastico.

Tagli Resistenti:

- V_{RdXZ} : valore del Taglio X-Z resistente di calcolo;
 V_{RdXY} : valore del Taglio X-Y resistente di calcolo;
 ϕ : diametro della staffa;
 Nbr_X : numero di bracci di cui è composta la staffa in direzione X;
 Nbr_Y : numero di bracci di cui è composta la staffa in direzione Y;
 D_{Staffe} : interasse tra le staffe;
 L_{TR} : lunghezza dei tratti per cui si ha D_{Staffe} ;
 S_{XY} : coefficiente di sicurezza relativo a V_{sdXY}
 S_{XZ} : coefficiente di sicurezza relativo a V_{sdXZ}
 Esito : Esito della verifica : V = VERIFICATA;
 : NV = NON VERIFICATA;

Tabella 33.I

Pilastro	Asta	Imp.	Filo	Tipo Sez.	Blocco	Cop [cm]	cot(θ)	Tagli Sollecitanti		Tagli Resistenti		φ [mm]	Nbr_X	Nbr_Y	DStaffe [cm]	Ltr [cm]	S _{XY}	S _{XZ}	Esito
								V _{sdx} [daN]	V _{sdxz} [daN]	V _{rdxy} [daN]	V _{rdxz} [daN]								
1	213	PRIMO IMPALCATO	1	3	1	2.5	2.5	416	1223	23013	26998	8	2	2	10	71	55.31	22.08	V
					2	2.5	2.5	416	999	14383	19915	8	2	2	16	183	34.57	19.93	V
					3	2.5	2.5	416	1236	23013	27117	8	2	2	10	46	55.31	21.94	V
2	253	SECONDO IMPALCATO	1	2	1	2.5	2.5	2531	4204	18849	18849	8	2	2	11	45	7.45	4.48	V

					2	2.5	2.5	1159	3346	14383	14383	8	2	2	16	180	12.41	4.30	V
					3	2.5	2.5	2531	4204	18938	18938	8	2	2	11	45	7.48	4.50	V
3	214	PRIM O IMPAL CATO	2	4	1	2.5	2.5	415	874	28436	23013	8	2	2	10	71	68.51	26.33	V
					2	2.5	2.5	241	728	19915	14383	8	2	2	16	183	82.67	19.75	V
					3	2.5	2.5	402	874	28555	23013	8	2	2	9	46	71.05	26.33	V
4	254	SECO NDO IMPAL CATO	2	2	1	2.5	2.5	3744	1736	18215	18215	8	2	2	11	45	4.87	10.49	V
					2	2.5	2.5	2046	1011	14383	14383	8	2	2	16	180	7.03	14.23	V
					3	2.5	2.5	3744	1736	18304	18304	8	2	2	11	45	4.89	10.54	V
5	215	PRIM O IMPAL CATO	3	10	1	2.5	2.5	1784	7189	28655	37838	8	2	2	8	75	16.07	5.26	V
					2	2.5	2.5	1784	7178	12065	21382	8	2	2	19	175	6.76	2.98	V
					3	2.5	2.5	1784	7189	28655	37838	8	2	2	7	50	16.07	5.26	V
6	216	PRIM O IMPAL CATO	4	10	1	2.5	2.5	1774	7185	28655	37838	8	2	2	8	75	16.15	5.27	V
					2	2.5	2.5	1774	7174	12065	21382	8	2	2	19	175	6.80	2.98	V
					3	2.5	2.5	1774	7185	28655	37838	8	2	2	7	50	16.15	5.27	V
7	217	PRIM O IMPAL CATO	5	4	1	2.5	2.5	420	879	28432	23013	8	2	2	10	71	67.73	26.17	V
					2	2.5	2.5	246	739	19915	14383	8	2	2	16	183	81.10	19.47	V
					3	2.5	2.5	407	879	28551	23013	8	2	2	9	46	70.21	26.17	V
8	255	SECO NDO IMPAL CATO	5	2	1	2.5	2.5	3742	1740	18214	18214	8	2	2	11	45	4.87	10.47	V
					2	2.5	2.5	2044	1014	14383	14383	8	2	2	16	180	7.04	14.18	V
					3	2.5	2.5	3742	1740	18303	18303	8	2	2	11	45	4.89	10.52	V
9	218	PRIM O IMPAL CATO	6	3	1	2.5	2.5	388	1241	23013	26977	8	2	2	10	71	59.35	21.73	V
					2	2.5	2.5	388	1038	14383	19915	8	2	2	16	183	37.09	19.19	V
					3	2.5	2.5	388	1254	23013	27096	8	2	2	10	46	59.35	21.60	V
10	256	SECO NDO IMPAL CATO	6	2	1	2.5	2.5	2539	4212	18850	18850	8	2	2	11	45	7.43	4.48	V
					2	2.5	2.5	1166	3362	14383	14383	8	2	2	16	180	12.33	4.28	V
					3	2.5	2.5	2539	4212	18939	18939	8	2	2	11	45	7.46	4.50	V
11	219	PRIM O IMPAL CATO	7	3	1	2.5	2.5	900	600	23013	29677	8	2	2	10	71	25.57	49.50	V
					2	2.5	2.5	900	276	14383	19915	8	2	2	16	183	15.98	72.27	V
					3	2.5	2.5	900	613	23013	29677	8	2	2	7	46	25.57	48.44	V
12	257	SECO NDO IMPAL CATO	7	2	1	2.5	2.5	1513	3138	19104	19104	8	2	2	12	45	12.63	6.09	V
					2	2.5	2.5	745	1372	12065	12065	8	2	2	19	180	16.20	8.79	V
					3	2.5	2.5	1513	3138	19104	19104	8	2	2	12	45	12.63	6.09	V
13	220	PRIM O IMPAL CATO	8	2	1	2.5	2.5	497	969	20921	20921	8	2	2	11	71	42.07	21.58	V
					2	2.5	2.5	238	501	14383	14383	8	2	2	16	183	60.37	28.71	V
					3	2.5	2.5	497	969	20921	20921	8	2	2	8	46	42.07	21.58	V
14	221	PRIM O IMPAL CATO	9	10	1	2.5	2.5	1666	4211	28766	37920	8	2	2	8	75	17.27	9.00	V
					2	2.5	2.5	1666	4207	14383	25447	8	2	2	16	175	8.64	6.05	V
					3	2.5	2.5	1666	4194	28766	37920	8	2	2	5	50	17.27	9.04	V
15	258	SECO NDO IMPAL CATO	9	3	1	2.5	2.5	3977	6761	23013	28406	8	2	2	10	45	5.79	4.20	V
					2	2.5	2.5	2291	3737	14383	19915	8	2	2	16	180	6.28	5.33	V
					3	2.5	2.5	3977	6761	23013	28530	8	2	2	10	45	5.79	4.22	V
16	222	PRIM O IMPAL CATO	10	10	1	2.5	2.5	1658	4211	28766	37920	8	2	2	8	75	17.35	9.00	V
					2	2.5	2.5	1658	4207	14383	25447	8	2	2	16	175	8.67	6.05	V
					3	2.5	2.5	1658	4194	28766	37920	8	2	2	5	50	17.35	9.04	V
17	259	SECO NDO IMPAL CATO	10	3	1	2.5	2.5	3977	6760	23013	28406	8	2	2	10	45	5.79	4.20	V
					2	2.5	2.5	2292	3737	14383	19915	8	2	2	16	180	6.28	5.33	V
					3	2.5	2.5	3977	6760	23013	28530	8	2	2	10	45	5.79	4.22	V
18	223	PRIM O IMPAL CATO	11	2	1	2.5	2.5	501	981	20921	20921	8	2	2	11	71	41.76	21.33	V
					2	2.5	2.5	242	513	14383	14383	8	2	2	16	183	59.45	28.05	V
					3	2.5	2.5	501	981	20921	20921	8	2	2	8	46	41.76	21.33	V

19	224	PRIM O IMPAL CATO	12	3	1	2.5	2.5	895	605	23013	29677	8	2	2	10	71	25.70	49.06	V
					2	2.5	2.5	895	268	14383	19915	8	2	2	16	183	16.07	74.36	V
					3	2.5	2.5	895	593	23013	29677	8	2	2	7	46	25.70	50.05	V
20	260	SECO NDO IMPAL CATO	12	2	1	2.5	2.5	1515	3134	19104	19104	8	2	2	12	45	12.61	6.10	V
					2	2.5	2.5	747	1368	12065	12065	8	2	2	19	180	16.16	8.82	V
					3	2.5	2.5	1515	3134	19104	19104	8	2	2	12	45	12.61	6.10	V
21	225	PRIM O IMPAL CATO	13	3	1	2.5	2.5	467	1198	23013	26822	8	2	2	10	71	49.25	22.39	V
					2	2.5	2.5	467	904	14383	19915	8	2	2	16	183	30.78	22.02	V
					3	2.5	2.5	467	1211	23013	26941	8	2	2	10	46	49.25	22.25	V
22	261	SECO NDO IMPAL CATO	13	2	1	2.5	2.5	2635	3902	18777	18777	8	2	2	11	45	7.13	4.81	V
					2	2.5	2.5	1306	2812	14383	14383	8	2	2	16	180	11.01	5.12	V
					3	2.5	2.5	2635	3902	18866	18866	8	2	2	11	45	7.16	4.84	V
23	226	PRIM O IMPAL CATO	14	4	1	2.5	2.5	264	840	28089	23013	8	2	2	10	71	106.4 3	27.39	V
					2	2.5	2.5	149	644	19915	14383	8	2	2	16	183	133.7 5	22.34	V
					3	2.5	2.5	277	840	28208	23013	8	2	2	10	46	101.8 2	27.39	V
24	262	SECO NDO IMPAL CATO	14	2	1	2.5	2.5	3052	1801	17823	17823	8	2	2	11	45	5.84	9.90	V
					2	2.5	2.5	1343	1084	14383	14383	8	2	2	16	180	10.71	13.27	V
					3	2.5	2.5	3052	1801	17912	17912	8	2	2	11	45	5.87	9.95	V
25	227	PRIM O IMPAL CATO	15	4	1	2.5	2.5	596	1240	29677	23013	8	2	2	10	71	49.82	18.56	V
					2	2.5	2.5	325	1237	19915	14383	8	2	2	16	183	61.32	11.63	V
					3	2.5	2.5	609	1226	29677	23013	8	2	2	7	46	48.75	18.78	V
26	263	SECO NDO IMPAL CATO	15	3	1	2.5	2.5	3344	5670	23013	26442	8	2	2	10	45	6.88	4.66	V
					2	2.5	2.5	1466	4058	14383	19915	8	2	2	16	180	9.81	4.91	V
					3	2.5	2.5	3344	5670	23013	26565	8	2	2	10	45	6.88	4.69	V
27	228	PRIM O IMPAL CATO	16	4	1	2.5	2.5	594	1235	29677	23013	8	2	2	10	71	49.94	18.63	V
					2	2.5	2.5	323	1232	19915	14383	8	2	2	16	183	61.58	11.67	V
					3	2.5	2.5	607	1221	29677	23013	8	2	2	7	46	48.87	18.85	V
28	264	SECO NDO IMPAL CATO	16	3	1	2.5	2.5	3342	5666	23013	26442	8	2	2	10	45	6.89	4.67	V
					2	2.5	2.5	1464	4052	14383	19915	8	2	2	16	180	9.82	4.91	V
					3	2.5	2.5	3342	5666	23013	26565	8	2	2	10	45	6.89	4.69	V
29	229	PRIM O IMPAL CATO	17	4	1	2.5	2.5	264	839	28082	23013	8	2	2	10	71	106.5 4	27.42	V
					2	2.5	2.5	148	646	19915	14383	8	2	2	16	183	134.1 1	22.28	V
					3	2.5	2.5	277	839	28201	23013	8	2	2	10	46	101.9 1	27.42	V
30	265	SECO NDO IMPAL CATO	17	2	1	2.5	2.5	3048	1799	17823	17823	8	2	2	11	45	5.85	9.91	V
					2	2.5	2.5	1340	1082	14383	14383	8	2	2	16	180	10.73	13.29	V
					3	2.5	2.5	3048	1799	17912	17912	8	2	2	11	45	5.88	9.96	V
31	230	PRIM O IMPAL CATO	18	3	1	2.5	2.5	469	1204	23013	26823	8	2	2	10	71	49.03	22.29	V
					2	2.5	2.5	469	919	14383	19915	8	2	2	16	183	30.65	21.66	V
					3	2.5	2.5	469	1217	23013	26942	8	2	2	10	46	49.03	22.14	V
32	266	SECO NDO IMPAL CATO	18	2	1	2.5	2.5	2632	3903	18777	18777	8	2	2	11	45	7.13	4.81	V
					2	2.5	2.5	1303	2815	14383	14383	8	2	2	16	180	11.04	5.11	V
					3	2.5	2.5	2632	3903	18866	18866	8	2	2	11	45	7.17	4.83	V
33	267	SECO NDO IMPAL CATO	41	3	1	2.5	2.5	3920	5216	23013	28043	8	2	2	10	45	5.87	5.38	V
					2	2.5	2.5	2145	2652	14383	19915	8	2	2	16	180	6.71	7.51	V
					3	2.5	2.5	3920	5216	23013	28167	8	2	2	10	45	5.87	5.40	V
34	268	SECO NDO IMPAL CATO	42	3	1	2.5	2.5	3920	5211	23013	28045	8	2	2	10	45	5.87	5.38	V
					2	2.5	2.5	2145	2647	14383	19915	8	2	2	16	180	6.70	7.52	V

				3	2.5	2.5	3920	5211	23013	28168	8	2	2	10	45	5.87	5.41	V
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2.4.1.1.3 Verifiche SLV - Dettagli costruttivi per la duttilità.

Pilastro	: numerazione interna del pilastro;
Asta	: numerazione interna dell'asta;
Imp.	: impalcato al quale appartiene l'asta considerata;
Filo	: filo fisso al quale appartiene l'asta considerata;
Tipo Sez.	: tipo di sezione dell'asta considerata;
α	: coefficiente di efficacia del confinamento
ϖ_{wd}	: rapporto meccanico dell'armatura trasversale di confinamento all'interno della zona dissipativa
μ_{Ed}	: domanda in duttilità di curvatura
v_d	: forza assiale adimensionalizzata di progetto relativa alla combinazione sismica SLV
$\varepsilon_{sy,d}$: deformazione di snervamento dell'acciaio
b_c	: larghezza minima della sezione trasversale lorda
b_0	: larghezza del nucleo confinato corrispondente a b_c
Esito	: Esito della verifica : V = VERIFICATA; : NV = NON VERIFICATA;

Tabella 34.I

Pilastro	Asta	Imp.	Filo	Tipo Sez.	α	ϖ_{wd}	μ_{Ed}	v_d	$\varepsilon_{sy,d}$	b_c	b_0	Esito
3	214	PRIMO IMPAL CATO	2	4	0.44	0.21	12.14	0.130	0.0019	300.0	220.0	V
5	215	PRIMO IMPAL CATO	3	10	0.52	0.25	11.67	0.170	0.0019	300.0	218.0	V
6	216	PRIMO IMPAL CATO	4	10	0.52	0.25	11.67	0.170	0.0019	300.0	218.0	V
7	217	PRIMO IMPAL CATO	5	4	0.44	0.21	12.14	0.130	0.0019	300.0	220.0	V
11	219	PRIMO IMPAL CATO	7	3	0.48	0.27	11.67	0.179	0.0019	300.0	220.0	V
13	220	PRIMO IMPAL CATO	8	2	0.45	0.28	12.14	0.150	0.0019	300.0	220.0	V
14	221	PRIMO IMPAL CATO	9	10	0.58	0.35	11.67	0.248	0.0019	300.0	220.0	V
16	222	PRIMO IMPAL CATO	10	10	0.58	0.35	11.67	0.248	0.0019	300.0	220.0	V
18	223	PRIMO IMPAL CATO	11	2	0.45	0.28	12.14	0.150	0.0019	300.0	220.0	V
19	224	PRIMO IMPAL CATO	12	3	0.48	0.27	11.67	0.179	0.0019	300.0	220.0	V
23	226	PRIMO IMPAL CATO	14	4	0.42	0.19	12.14	0.120	0.0019	300.0	220.0	V
25	227	PRIMO IMPAL CATO	15	4	0.48	0.27	12.14	0.164	0.0019	300.0	220.0	V
27	228	PRIMO IMPAL CATO	16	4	0.48	0.27	12.14	0.164	0.0019	300.0	220.0	V
29	229	PRIMO IMPAL CATO	17	4	0.42	0.19	12.14	0.119	0.0019	300.0	220.0	V

2.4.1.1.4 Verifiche SLV - Duttilità.

Pilastro : numerazione interna del pilastro;
 Asta : numerazione interna dell'asta;
 Imp. : impalcato al quale appartiene l'asta considerata;
 Filo : filo fisso al quale appartiene l'asta considerata;
 Tipo Sez. : tipo di sezione dell'asta considerata;
 Nsd : Valore di progetto dello sforzo normale sollecitante
 ϕ_Y : Curvatura convenzionale di prima plasticizzazione
 ϕ_U : Curvatura ultima
 μ_ϕ : Valore di progetto della duttilità di curvatura
 μ_{Ed} : Domanda in termini di duttilità di curvatura
 Esito : Esito della verifica : V = VERIFICATA;
 : NV = NON VERIFICATA;

Tabella 35.II

Pilastro	Asta	Imp.	Filo	Tipo Sez.	Direzione X						Direzione Y						Esito
					Nsd [daN]	ϕ_Y	ϕ_U	μ_ϕ	μ_{Ed}	S	Nsd [daN]	ϕ_Y	ϕ_U	μ_ϕ	μ_{Ed}	S	
1	213	PRIMO IMPALCATO	1	3	-15189	1.1E-004	1.5E-003	13.95	12.14	1.15	-15189	1.5E-004	1.9E-003	12.57	12.14	1.04	V
9	218	PRIMO IMPALCATO	6	3	-15127	1.1E-004	1.5E-003	13.98	12.14	1.15	-15127	1.5E-004	1.9E-003	12.59	12.14	1.04	V
21	225	PRIMO IMPALCATO	13	3	-14436	1.1E-004	1.5E-003	14.41	12.14	1.19	-14436	1.5E-004	1.9E-003	12.74	12.14	1.05	V
31	230	PRIMO IMPALCATO	18	3	-14438	1.1E-004	1.5E-003	14.41	12.14	1.19	-14438	1.5E-004	1.9E-003	12.74	12.14	1.05	V

2.4.1.1.5 Verifiche SLV - Stabilità Elastica.

Pilastro : numerazione interna del pilastro;
 Asta : numerazione interna dell'asta;
 Imp. : impalcato al quale appartiene l'asta considerata;
 Filo : filo fisso al quale appartiene l'asta considerata;
 Tipo Sez. : tipo di sezione dell'asta considerata;
 Cop : distanza tra la superficie esterna dell'armatura più prossima alla superficie del calcestruzzo e la superficie stessa del calcestruzzo;
 λ : rapporto di snellezza;
 λ^* : rapporto di snellezza critico;
 A_{fl} : valore dell'area dell'acciaio presente nella sezione;

Azioni Sollecitanti:

N_{sd} : Sforzo Normale Sollecitante;
 M_{sdXZ} : valore del Momento Flettente X-Z sollecitante di calcolo;
 M_{sdXY} : valore del Momento Flettente X-Y sollecitante di calcolo;

Azioni Resistenti:

N_{Rd} : Sforzo Normale Resistente;
 M_{RdXZ} : valore del Momento Flettente X-Z resistente di calcolo;
 M_{RdXY} : valore del Momento Flettente X-Y resistente di calcolo;

S : valore del coefficiente di sicurezza minimo della sezione;
 Esito : Esito della verifica : V = VERIFICATA;
 : NV = NON VERIFICATA;

Con riferimento al punto 4.1.2.3.9.3 del D.M. 17/01/2018 in aggiunta al momento sollecitante esterno viene sommata un'aliquota dovuta ad un'eccentricità dello sforzo normale pari a $1/300$ dell'altezza della colonna (difetto di rettilineità).
 In aggiunta viene considerata un'aliquota aggiuntiva che tenga conto dell'inflessione della colonna pari a $e_2 := 0.222 e_{fy} l_0^2/h$.

Tabella 36.I

Pilastro	Asta	Imp.	Filo	Tipo Sez.	Dir.	Cop [cm]	λ	λ^*	Azioni Sollecitanti			Azioni Resistenti			S	Esito
									Nsd [daN]	Msdxz [daNm]	Msdxy [daNm]	Nrd [daN]	Mrdxz [daNm]	Mrdxy [daNm]		
1	213	PRIMO IMPAL	1	3	Dir X	2.5	21.9	66.3	-24170	-	-	-	-	-	-	V

		CATO														
					Dir Y	2.5	29.0	66.3	-24170	-	-	-	-	-	-	V
2	253	SECON DO IMPAL CATO	1	2	Dir X	2.5	29.3	77.3	-13322	-	-	-	-	-	-	V
					Dir Y	2.5	29.1	77.3	-13322	-	-	-	-	-	-	V
3	214	PRIMO IMPAL CATO	2	4	Dir X	2.5	29.3	55.5	-34466	-	-	-	-	-	-	V
					Dir Y	2.5	21.9	55.5	-34466	-	-	-	-	-	-	V
4	254	SECON DO IMPAL CATO	2	2	Dir X	2.5	29.2	96.2	-8609	-	-	-	-	-	-	V
					Dir Y	2.5	29.2	96.2	-8609	-	-	-	-	-	-	V
5	215	PRIMO IMPAL CATO	3	10	Dir X	2.5	17.5	48.4	-56752	-	-	-	-	-	-	V
					Dir Y	2.5	29.2	48.4	-56752	-	-	-	-	-	-	V
6	216	PRIMO IMPAL CATO	4	10	Dir X	2.5	17.5	48.4	-56638	-	-	-	-	-	-	V
					Dir Y	2.5	29.2	48.4	-56638	-	-	-	-	-	-	V
7	217	PRIMO IMPAL CATO	5	4	Dir X	2.5	29.1	55.5	-34441	-	-	-	-	-	-	V
					Dir Y	2.5	21.9	55.5	-34441	-	-	-	-	-	-	V
8	255	SECON DO IMPAL CATO	5	2	Dir X	2.5	29.2	96.3	-8599	-	-	-	-	-	-	V
					Dir Y	2.5	29.2	96.3	-8599	-	-	-	-	-	-	V
9	218	PRIMO IMPAL CATO	6	3	Dir X	2.5	21.8	66.5	-24021	-	-	-	-	-	-	V
					Dir Y	2.5	29.2	66.5	-24021	-	-	-	-	-	-	V
10	256	SECON DO IMPAL CATO	6	2	Dir X	2.5	29.1	77.3	-13331	-	-	-	-	-	-	V
					Dir Y	2.5	29.3	77.3	-13331	-	-	-	-	-	-	V
11	219	PRIMO IMPAL CATO	7	3	Dir X	2.5	21.9	46.2	-49873	-	-	-	-	-	-	V
					Dir Y	2.5	29.1	46.2	-49873	-	-	-	-	-	-	V
12	257	SECON DO IMPAL CATO	7	2	Dir X	2.5	29.3	52.9	-28429	-	-	-	-	-	-	V
					Dir Y	2.5	29.2	52.9	-28429	-	-	-	-	-	-	V
13	220	PRIMO IMPAL CATO	8	2	Dir X	2.5	34.6	49.9	-32049	-	-	-	-	-	-	V
					Dir Y	2.5	34.6	49.9	-32049	-	-	-	-	-	-	V
14	221	PRIMO IMPAL CATO	9	10	Dir X	2.5	17.5	39.6	-84848	-	-	-	-	-	-	V
					Dir Y	2.5	29.1	39.6	-84848	-	-	-	-	-	-	V
15	258	SECON DO IMPAL CATO	9	3	Dir X	2.5	26.0	55.7	-34289	-	-	-	-	-	-	V
					Dir Y	2.5	34.6	55.7	-34289	-	-	-	-	-	-	V
16	222	PRIMO IMPAL CATO	10	10	Dir X	2.5	17.5	39.6	-84738	-	-	-	-	-	-	V
					Dir Y	2.5	29.1	39.6	-84738	-	-	-	-	-	-	V
17	259	SECON DO IMPAL CATO	10	3	Dir X	2.5	26.0	55.7	-34285	-	-	-	-	-	-	V
					Dir Y	2.5	34.6	55.7	-34285	-	-	-	-	-	-	V
18	223	PRIMO	11	2	Dir X	2.5	34.6	49.9	-32035	-	-	-	-	-	-	V

		IMPAL CATO														
					Dir Y	2.5	34.6	49.9	-32035	-	-	-	-	-	-	V
19	224	PRIMO IMPAL CATO	12	3	Dir X	2.5	21.9	46.1	-49891	-	-	-	-	-	-	V
					Dir Y	2.5	29.2	46.1	-49891	-	-	-	-	-	-	V
20	260	SECON DO IMPAL CATO	12	2	Dir X	2.5	29.2	53.0	-28421	-	-	-	-	-	-	V
					Dir Y	2.5	29.3	53.0	-28421	-	-	-	-	-	-	V
21	225	PRIMO IMPAL CATO	13	3	Dir X	2.5	21.8	68.1	-22914	-	-	-	-	-	-	V
					Dir Y	2.5	29.3	68.1	-22914	-	-	-	-	-	-	V
22	261	SECON DO IMPAL CATO	13	2	Dir X	2.5	29.1	78.9	-12788	-	-	-	-	-	-	V
					Dir Y	2.5	29.3	78.9	-12788	-	-	-	-	-	-	V
23	226	PRIMO IMPAL CATO	14	4	Dir X	2.5	29.2	57.6	-31986	-	-	-	-	-	-	V
					Dir Y	2.5	21.9	57.6	-31986	-	-	-	-	-	-	V
24	262	SECON DO IMPAL CATO	14	2	Dir X	2.5	29.1	118.3	-5692	-	-	-	-	-	-	V
					Dir Y	2.5	29.3	118.3	-5692	-	-	-	-	-	-	V
25	227	PRIMO IMPAL CATO	15	4	Dir X	2.5	29.2	48.2	-45745	-	-	-	-	-	-	V
					Dir Y	2.5	21.8	48.2	-45745	-	-	-	-	-	-	V
26	263	SECON DO IMPAL CATO	15	3	Dir X	2.5	21.9	72.5	-20220	-	-	-	-	-	-	V
					Dir Y	2.5	21.9	72.5	-20220	-	-	-	-	-	-	V
27	228	PRIMO IMPAL CATO	16	4	Dir X	2.5	29.2	48.2	-45693	-	-	-	-	-	-	V
					Dir Y	2.5	21.9	48.2	-45693	-	-	-	-	-	-	V
28	264	SECON DO IMPAL CATO	16	3	Dir X	2.5	21.9	72.5	-20221	-	-	-	-	-	-	V
					Dir Y	2.5	29.3	72.5	-20221	-	-	-	-	-	-	V
29	229	PRIMO IMPAL CATO	17	4	Dir X	2.5	29.2	57.7	-31934	-	-	-	-	-	-	V
					Dir Y	2.5	21.9	57.7	-31934	-	-	-	-	-	-	V
30	265	SECON DO IMPAL CATO	17	2	Dir X	2.5	29.3	118.3	-5694	-	-	-	-	-	-	V
					Dir Y	2.5	29.1	118.3	-5694	-	-	-	-	-	-	V
31	230	PRIMO IMPAL CATO	18	3	Dir X	2.5	21.9	68.1	-22917	-	-	-	-	-	-	V
					Dir Y	2.5	29.1	68.1	-22917	-	-	-	-	-	-	V
32	266	SECON DO IMPAL CATO	18	2	Dir X	2.5	29.3	78.9	-12788	-	-	-	-	-	-	V
					Dir Y	2.5	29.1	78.9	-12788	-	-	-	-	-	-	V
33	267	SECON DO IMPAL CATO	41	3	Dir X	2.5	21.9	57.9	-31687	-	-	-	-	-	-	V
					Dir Y	2.5	29.3	57.9	-31687	-	-	-	-	-	-	V
34	268	SECON DO IMPAL CATO	42	3	Dir X	2.5	21.9	57.9	-31700	-	-	-	-	-	-	V

		IMPALC ATO							
16	222	PRIMO IMPALC ATO	10	10	2.5	1500	-84738	-138125	V
17	259	SECOND O IMPALC ATO	10	3	2.5	1200	-34285	-110500	V
18	223	PRIMO IMPALC ATO	11	2	2.5	900	-32035	-82875	V
19	224	PRIMO IMPALC ATO	12	3	2.5	1200	-49891	-110500	V
20	260	SECOND O IMPALC ATO	12	2	2.5	900	-28421	-82875	V
21	225	PRIMO IMPALC ATO	13	3	2.5	1200	-22914	-110500	V
22	261	SECOND O IMPALC ATO	13	2	2.5	900	-12788	-82875	V
23	226	PRIMO IMPALC ATO	14	4	2.5	1200	-31986	-110500	V
24	262	SECOND O IMPALC ATO	14	2	2.5	900	-5692	-82875	V
25	227	PRIMO IMPALC ATO	15	4	2.5	1200	-45745	-110500	V
26	263	SECOND O IMPALC ATO	15	3	2.5	1200	-20220	-110500	V
27	228	PRIMO IMPALC ATO	16	4	2.5	1200	-45693	-110500	V
28	264	SECOND O IMPALC ATO	16	3	2.5	1200	-20221	-110500	V
29	229	PRIMO IMPALC ATO	17	4	2.5	1200	-31934	-110500	V
30	265	SECOND O IMPALC ATO	17	2	2.5	900	-5694	-82875	V
31	230	PRIMO IMPALC ATO	18	3	2.5	1200	-22917	-110500	V
32	266	SECOND O IMPALC ATO	18	2	2.5	900	-12788	-82875	V
33	267	SECOND O IMPALC ATO	41	3	2.5	1200	-31687	-110500	V
34	268	SECOND O IMPALC ATO	42	3	2.5	1200	-31700	-110500	V

2.4.1.1.7 Verifiche SLE - Stato Tensionale.

Pil. : numerazione interna del pilastro;

Asta : numerazione interna dell'asta;
 Imp. : impalcato al quale appartiene l'asta considerata;
 Filo : filo fisso al quale appartiene l'asta considerata;
 Tipo Sez. : tipo di sezione dell'asta considerata;
 Comb : tipo di combinazione a cui la verifica è riferita;
 Pos. : Posizione misurata lungo l'asse dell'asta
 Cop : distanza tra la superficie esterna dell'armatura più prossima alla superficie del calcestruzzo e la superficie stessa del calcestruzzo;

Azioni Sollecitanti:

N_{sd} : Sforzo Normale Sollecitante;
 M_{sdXZ} : valore del Momento Flettente X-Z sollecitante di calcolo;
 M_{sdXY} : valore del Momento Flettente X-Y sollecitante di calcolo;

Tensioni:

σ_c : tensioni d'esercizio del calcestruzzo;
 σ_s : tensioni d'esercizio dell'acciaio;

Tensioni Limite:

$\sigma_{c,lim}$: Tensioni limite del calcestruzzo;
 $\sigma_{s,lim}$: Tensioni limite dell'acciaio;

S : valore del coefficiente di sicurezza minimo della sezione;

Esito : Esito della verifica : V = VERIFICATA;
 : NV = NON VERIFICATA;

Tabella 38.I

								Azioni Sollecitanti			Tensioni		Tensioni Limite		S	Esito
Pil	Asta	Imp.	Filo	Tipo Sez.	Comb	Pos.	Cop [cm]	N_{sd} [daN]	M_{sdXZ} [daNm]	M_{sdXY} [daNm]	σ_c [daN/cm ²]	σ_s [daN/cm ²]	$\sigma_{c,lim}$ [daN/cm ²]	$\sigma_{s,lim}$ [daN/cm ²]		
1	213	PRIMO IMPALC ATO	1	3	Caratt.	Testa	2.5	-16690	-2911	-357	58.6	703.9	150.0	3600.0	2.56	V
						Piede	2.5	-17478	-1184	-1196	46.3	567.3	150.0	3600.0	3.24	V
						Q.Perm. Testa	2.5	-13938	-2364	-390	49.9	598.0	112.5	3600.0	2.26	V
						Piede	2.5	-14725	-1062	-977	39.3	482.3	112.5	3600.0	2.86	V
2	253	SECOND O IMPALC ATO	1	2	Caratt.	Testa	2.5	-9081	-3356	310	83.4	-1291.5	150.0	3600.0	1.80	V
						Piede	2.5	-9694	3177	516	84.9	-1239.9	150.0	3600.0	1.77	V
						Q.Perm. Testa	2.5	-7466	-2724	225	67.1	-1036.7	112.5	3600.0	1.68	V
						Piede	2.5	-8079	2605	507	71.7	-1035.3	112.5	3600.0	1.57	V
3	214	PRIMO IMPALC ATO	2	4	Caratt.	Testa	2.5	-24012	-1949	389	47.4	586.5	150.0	3600.0	3.16	V
						Piede	2.5	-24800	-650	-10	25.2	344.0	150.0	3600.0	5.96	V
						Q.Perm. Testa	2.5	-20528	-1570	282	38.2	476.2	112.5	3600.0	2.95	V
						Piede	2.5	-21315	-615	8	22.3	303.4	112.5	3600.0	5.04	V
4	254	SECOND O IMPALC ATO	2	2	Caratt.	Testa	2.5	-5718	419	-1763	50.5	-712.3	150.0	3600.0	2.97	V
						Piede	2.5	-6332	1937	623	59.5	-831.1	150.0	3600.0	2.52	V
						Q.Perm. Testa	2.5	-4866	367	-1479	42.7	-599.2	112.5	3600.0	2.63	V
						Piede	2.5	-5479	1600	537	49.8	-682.5	112.5	3600.0	2.26	V
5	215	PRIMO IMPALC ATO	3	10	Caratt.	Testa	2.5	-39903	-14167	-2294	136.2	-1649.7	150.0	3600.0	1.10	V
						Piede	2.5	-40887	-623	1093	32.4	434.9	150.0	3600.0	4.63	V
						Q.Perm. Testa	2.5	-33574	-11745	-1847	112.2	1350.3	112.5	3600.0	1.00	V
						Piede	2.5	-34558	-610	889	27.5	369.5	112.5	3600.0	4.09	V
6	216	PRIMO IMPALC ATO	4	10	Caratt.	Testa	2.5	-39822	-14155	2287	136.0	-1648.5	150.0	3600.0	1.10	V
						Piede	2.5	-40806	-620	-1084	32.2	433.2	150.0	3600.0	4.65	V
						Q.Perm. Testa	2.5	-33511	-11734	1843	112.1	1348.4	112.5	3600.0	1.00	V
						Piede	2.5	-34496	-608	-883	27.4	368.3	112.5	3600.0	4.11	V
7	217	PRIMO IMPALC ATO	5	4	Caratt.	Testa	2.5	-23994	-1967	-394	47.8	590.6	150.0	3600.0	3.14	V
						Piede	2.5	-24782	-648	21	25.2	344.8	150.0	3600.0	5.95	V
						Q.Perm. Testa	2.5	-20519	-1584	-286	38.5	479.2	112.5	3600.0	2.92	V
						Piede	2.5	-21306	-613	0	22.2	302.1	112.5	3600.0	5.06	V
8	255	SECOND O IMPALC ATO	5	2	Caratt.	Testa	2.5	-5711	418	1759	50.4	-710.8	150.0	3600.0	2.98	V
						Piede	2.5	-6324	1951	-620	59.8	-837.4	150.0	3600.0	2.51	V
						Q.Perm. Testa	2.5	-4861	366	1476	42.7	-597.9	112.5	3600.0	2.64	V
						Piede	2.5	-5474	1610	-535	49.9	-686.8	112.5	3600.0	2.25	V
9	218	PRIMO IMPALC ATO	6	3	Caratt.	Testa	2.5	-16586	-2967	394	60.6	724.2	150.0	3600.0	2.47	V
						Piede	2.5	-17373	-1169	1181	45.7	560.5	150.0	3600.0	3.29	V
						Q.Perm. Testa	2.5	-13875	-2404	415	51.3	612.4	112.5	3600.0	2.19	V
						Piede	2.5	-14662	-1052	967	38.9	477.8	112.5	3600.0	2.89	V

10	256	SECOND O IMPALC ATO	6	2	Caratt.	Testa	2.5	-9087	-3361	-303	83.4	-1292.0	150.0	3600.0	1.80	V
						Piede	2.5	-9700	3203	-541	86.1	-1259.0	150.0	3600.0	1.74	V
					Q.Perm.	Testa	2.5	-7470	-2728	-221	67.1	-1037.2	112.5	3600.0	1.68	V
						Piede	2.5	-8083	2623	-523	72.6	-1048.7	112.5	3600.0	1.55	V
11	219	PRIMO IMPALC ATO	7	3	Caratt.	Testa	2.5	-35105	177	142	29.2	424.0	150.0	3600.0	5.14	V
						Piede	2.5	-35892	225	-1586	50.5	661.5	150.0	3600.0	2.97	V
					Q.Perm.	Testa	2.5	-29042	154	71	23.6	344.6	112.5	3600.0	4.78	V
						Piede	2.5	-29830	187	-1329	42.1	551.5	112.5	3600.0	2.67	V
12	257	SECOND O IMPALC ATO	7	2	Caratt.	Testa	2.5	-20010	-16	39	15.8	234.0	150.0	3600.0	9.48	V
						Piede	2.5	-20623	44	509	23.4	317.1	150.0	3600.0	6.41	V
					Q.Perm.	Testa	2.5	-16295	-7	32	12.8	189.8	112.5	3600.0	8.78	V
						Piede	2.5	-16908	32	451	19.6	264.6	112.5	3600.0	5.73	V
13	220	PRIMO IMPALC ATO	8	2	Caratt.	Testa	2.5	-22309	366	90	28.7	397.9	150.0	3600.0	5.23	V
						Piede	2.5	-22900	-69	-35	23.0	337.0	150.0	3600.0	6.53	V
					Q.Perm.	Testa	2.5	-18479	312	74	23.9	331.0	112.5	3600.0	4.71	V
						Piede	2.5	-19070	-58	-29	19.1	280.6	112.5	3600.0	5.88	V
14	221	PRIMO IMPALC ATO	9	10	Caratt.	Testa	2.5	-60049	6336	-2036	104.7	1356.7	150.0	3600.0	1.43	V
						Piede	2.5	-61033	-1704	1105	58.8	806.1	150.0	3600.0	2.55	V
					Q.Perm.	Testa	2.5	-49876	5382	-1662	87.7	1136.0	112.5	3600.0	1.28	V
						Piede	2.5	-50861	-1418	913	48.9	670.6	112.5	3600.0	2.30	V
15	258	SECOND O IMPALC ATO	9	3	Caratt.	Testa	2.5	-24088	-3130	-1420	68.5	823.4	150.0	3600.0	2.19	V
						Piede	2.5	-24906	1546	1825	55.2	672.2	150.0	3600.0	2.72	V
					Q.Perm.	Testa	2.5	-19957	-2620	-1205	57.6	691.3	112.5	3600.0	1.95	V
						Piede	2.5	-20775	1226	1507	45.0	549.3	112.5	3600.0	2.50	V
16	222	PRIMO IMPALC ATO	10	10	Caratt.	Testa	2.5	-59971	6337	2031	104.6	1355.5	150.0	3600.0	1.43	V
						Piede	2.5	-60955	-1703	-1097	58.7	804.3	150.0	3600.0	2.56	V
					Q.Perm.	Testa	2.5	-49810	5385	1659	87.6	1135.5	112.5	3600.0	1.28	V
						Piede	2.5	-50795	-1417	-908	48.8	669.4	112.5	3600.0	2.30	V
17	259	SECOND O IMPALC ATO	10	3	Caratt.	Testa	2.5	-24086	-3132	1420	68.5	823.6	150.0	3600.0	2.19	V
						Piede	2.5	-24903	1545	-1825	55.1	672.1	150.0	3600.0	2.72	V
					Q.Perm.	Testa	2.5	-19955	-2621	1205	57.6	691.5	112.5	3600.0	1.95	V
						Piede	2.5	-20773	1225	-1507	45.0	549.1	112.5	3600.0	2.50	V
18	223	PRIMO IMPALC ATO	11	2	Caratt.	Testa	2.5	-22299	391	-97	29.3	404.0	150.0	3600.0	5.13	V
						Piede	2.5	-22890	-84	42	23.3	341.1	150.0	3600.0	6.43	V
					Q.Perm.	Testa	2.5	-18469	332	-78	24.3	335.7	112.5	3600.0	4.62	V
						Piede	2.5	-19060	-69	34	19.4	283.6	112.5	3600.0	5.80	V
19	224	PRIMO IMPALC ATO	12	3	Caratt.	Testa	2.5	-35118	215	-132	29.4	427.2	150.0	3600.0	5.10	V
						Piede	2.5	-35906	196	1587	50.2	658.3	150.0	3600.0	2.99	V
					Q.Perm.	Testa	2.5	-29058	183	-64	23.8	347.1	112.5	3600.0	4.74	V
						Piede	2.5	-29845	167	1330	41.9	549.3	112.5	3600.0	2.68	V
20	260	SECOND O IMPALC ATO	12	2	Caratt.	Testa	2.5	-20004	-11	-38	15.7	233.2	150.0	3600.0	9.53	V
						Piede	2.5	-20617	34	-517	23.4	316.9	150.0	3600.0	6.41	V
					Q.Perm.	Testa	2.5	-16291	-3	-32	12.8	189.1	112.5	3600.0	8.82	V
						Piede	2.5	-16904	24	-457	19.6	264.2	112.5	3600.0	5.74	V
21	225	PRIMO IMPALC ATO	13	3	Caratt.	Testa	2.5	-15789	2598	-273	51.0	619.2	150.0	3600.0	2.94	V
						Piede	2.5	-16576	1039	-1212	44.4	542.2	150.0	3600.0	3.38	V
					Q.Perm.	Testa	2.5	-13169	2104	-310	43.3	524.5	112.5	3600.0	2.60	V
						Piede	2.5	-13956	936	-997	37.8	461.6	112.5	3600.0	2.98	V
22	261	SECOND O IMPALC ATO	13	2	Caratt.	Testa	2.5	-8684	2965	-129	70.3	-1071.3	150.0	3600.0	2.13	V
						Piede	2.5	-9297	-2511	691	74.5	-992.9	150.0	3600.0	2.01	V
					Q.Perm.	Testa	2.5	-7095	2389	-133	57.4	-867.1	112.5	3600.0	1.96	V
						Piede	2.5	-7708	-2042	641	62.5	-825.4	112.5	3600.0	1.80	V
23	226	PRIMO IMPALC ATO	14	4	Caratt.	Testa	2.5	-22187	1636	-62	37.4	469.5	150.0	3600.0	4.02	V
						Piede	2.5	-22975	488	19	22.0	304.0	150.0	3600.0	6.83	V
					Q.Perm.	Testa	2.5	-18768	1313	-94	30.9	390.8	112.5	3600.0	3.64	V
						Piede	2.5	-19555	471	29	19.5	267.9	112.5	3600.0	5.76	V
24	262	SECOND O IMPALC ATO	14	2	Caratt.	Testa	2.5	-3606	870	-46	21.2	-272.0	150.0	3600.0	7.08	V
						Piede	2.5	-4219	-919	27	22.0	-264.9	150.0	3600.0	6.82	V
					Q.Perm.	Testa	2.5	-3108	706	-43	17.4	-214.8	112.5	3600.0	6.47	V
						Piede	2.5	-3721	-747	38	18.3	-207.6	112.5	3600.0	6.14	V
25	227	PRIMO	15	4	Caratt.	Testa	2.5	-32078	2275	243	54.3	684.6	150.0	3600.0	2.76	V

		IMPALC ATO														
						Piede	2.5	-32865	47	114	24.0	353.8	150.0	3600.0	6.26	V
					Q.Perm.	Testa	2.5	-26730	1815	323	45.3	573.1	112.5	3600.0	2.48	V
						Piede	2.5	-27517	100	54	20.4	299.9	112.5	3600.0	5.50	V
26	263	SECOND O IMPALC ATO	15	3	Caratt.	Testa	2.5	-13954	4592	-227	86.6	-1689.9	150.0	3600.0	1.73	V
						Piede	2.5	-14771	-3299	-57	58.8	-847.0	150.0	3600.0	2.55	V
					Q.Perm.	Testa	2.5	-11708	3775	-171	70.7	-1365.9	112.5	3600.0	1.59	V
						Piede	2.5	-12525	-2650	-113	48.9	-657.9	112.5	3600.0	2.30	V
27	228	PRIMO IMPALC ATO	16	4	Caratt.	Testa	2.5	-32041	2268	-240	54.1	682.7	150.0	3600.0	2.77	V
						Piede	2.5	-32828	49	-115	24.0	353.9	150.0	3600.0	6.25	V
					Q.Perm.	Testa	2.5	-26698	1809	-321	45.2	571.4	112.5	3600.0	2.49	V
						Piede	2.5	-27485	102	-55	20.5	299.9	112.5	3600.0	5.50	V
28	264	SECOND O IMPALC ATO	16	3	Caratt.	Testa	2.5	-13954	4591	223	86.5	-1687.7	150.0	3600.0	1.73	V
						Piede	2.5	-14772	-3289	61	58.7	-843.1	150.0	3600.0	2.55	V
					Q.Perm.	Testa	2.5	-11708	3773	169	70.7	-1364.3	112.5	3600.0	1.59	V
						Piede	2.5	-12526	-2641	116	48.8	-654.0	112.5	3600.0	2.31	V
29	229	PRIMO IMPALC ATO	17	4	Caratt.	Testa	2.5	-22150	1632	63	37.3	468.7	150.0	3600.0	4.02	V
						Piede	2.5	-22937	482	-17	21.8	302.4	150.0	3600.0	6.87	V
					Q.Perm.	Testa	2.5	-18735	1308	94	30.8	389.8	112.5	3600.0	3.65	V
						Piede	2.5	-19523	467	-28	19.4	266.9	112.5	3600.0	5.79	V
30	265	SECOND O IMPALC ATO	17	2	Caratt.	Testa	2.5	-3607	870	40	21.0	-270.4	150.0	3600.0	7.13	V
						Piede	2.5	-4221	-912	-22	21.7	-260.8	150.0	3600.0	6.91	V
					Q.Perm.	Testa	2.5	-3109	706	38	17.3	-213.7	112.5	3600.0	6.51	V
						Piede	2.5	-3722	-741	-34	18.1	-203.9	112.5	3600.0	6.21	V
31	230	PRIMO IMPALC ATO	18	3	Caratt.	Testa	2.5	-15791	2607	272	51.2	620.6	150.0	3600.0	2.93	V
						Piede	2.5	-16579	1020	1215	44.1	539.5	150.0	3600.0	3.40	V
					Q.Perm.	Testa	2.5	-13170	2110	309	43.4	525.4	112.5	3600.0	2.59	V
						Piede	2.5	-13957	923	999	37.6	459.8	112.5	3600.0	2.99	V
32	266	SECOND O IMPALC ATO	18	2	Caratt.	Testa	2.5	-8684	2970	124	70.2	-1072.4	150.0	3600.0	2.14	V
						Piede	2.5	-9298	-2512	-685	74.3	-991.4	150.0	3600.0	2.02	V
					Q.Perm.	Testa	2.5	-7095	2393	129	57.4	-867.9	112.5	3600.0	1.96	V
						Piede	2.5	-7708	-2042	-637	62.4	-824.4	112.5	3600.0	1.80	V
33	267	SECOND O IMPALC ATO	41	3	Caratt.	Testa	2.5	-22230	3974	-1996	110.0	-1277.9	150.0	3600.0	1.36	V
						Piede	2.5	-23047	6328	552	112.9	-1705.7	150.0	3600.0	1.33	V
					Q.Perm.	Testa	2.5	-18150	3364	-1676	93.2	-1112.3	112.5	3600.0	1.21	V
						Piede	2.5	-18967	5215	449	92.9	-1405.3	112.5	3600.0	1.21	V
34	268	SECOND O IMPALC ATO	42	3	Caratt.	Testa	2.5	-22239	3978	1994	110.0	-1278.4	150.0	3600.0	1.36	V
						Piede	2.5	-23056	6316	-552	112.7	-1700.1	150.0	3600.0	1.33	V
					Q.Perm.	Testa	2.5	-18157	3368	1676	93.2	-1113.1	112.5	3600.0	1.21	V
						Piede	2.5	-18974	5206	-450	92.8	-1401.0	112.5	3600.0	1.21	V

2.4.1.1.8 Verifiche SLE - Fessurazione.

Pil.	: numerazione interna del pilastro;
Asta	: numerazione interna dell'asta;
Imp.	: impalcato al quale appartiene l'asta considerata;
Filo	: filo fisso al quale appartiene l'asta considerata;
Tipo Sez.	: tipo di sezione dell'asta considerata;
N_{sd}	: Sforzo Normale Sollecitante;
M_{sdXZ}	: valore del Momento Flettente X-Z sollecitante di calcolo;
M_{sdXY}	: valore del Momento Flettente X-Y sollecitante di calcolo;
$W_{k,max}$: valore della massima apertura ammissibile delle fessure;
W_k	: valore dell'apertura della fessura calcolata;
S	: valore del coefficiente di sicurezza minimo della sezione;
Esito	: Esito della verifica : V = VERIFICATA; : NV = NON VERIFICATA;

Tabella 39.I

Pil	Asta	Imp.	Filo	Tipo	Comb	Pos.	Cop	Nsd	Msdxz	Msdxy	$W_{k,max}$	W_k	S	Esito
-----	------	------	------	------	------	------	-----	-----	-------	-------	-------------	-------	---	-------

				Sez.			[cm]	[daN]	[daNm]	[daNm]		[mm]	[mm]		
1	213	PRIMO IMPAL CATO	1	3	Q.Perm.	Testa	2.5	-13938	-2364	-390		0.40	0.05	8.11	V
						Piede	2.5	-14725	-1062	-977		0.40	0.00	-	V
2	253	SECON DO IMPAL CATO	1	2	Q.Perm.	Testa	2.5	-7466	-2724	225		0.40	0.14	2.94	V
						Piede	2.5	-8079	2605	507		0.40	0.14	2.89	V
3	214	PRIMO IMPAL CATO	2	4	Q.Perm.	Testa	2.5	-20528	-1570	282		0.40	0.00	-	V
						Piede	2.5	-21315	-615	8		0.40	0.00	-	V
4	254	SECON DO IMPAL CATO	2	2	Q.Perm.	Testa	2.5	-4866	367	-1479		0.40	0.03	14.59	V
						Piede	2.5	-5479	1600	537		0.40	0.05	7.96	V
5	215	PRIMO IMPAL CATO	3	10	Q.Perm.	Testa	2.5	-33574	-11745	-1847		0.40	0.29	1.36	V
						Piede	2.5	-34558	-610	889		0.40	0.00	-	V
6	216	PRIMO IMPAL CATO	4	10	Q.Perm.	Testa	2.5	-33511	-11734	1843		0.40	0.29	1.36	V
						Piede	2.5	-34496	-608	-883		0.40	0.00	-	V
7	217	PRIMO IMPAL CATO	5	4	Q.Perm.	Testa	2.5	-20519	-1584	-286		0.40	0.00	-	V
						Piede	2.5	-21306	-613	0		0.40	0.00	-	V
8	255	SECON DO IMPAL CATO	5	2	Q.Perm.	Testa	2.5	-4861	366	1476		0.40	0.03	14.75	V
						Piede	2.5	-5474	1610	-535		0.40	0.05	7.84	V
9	218	PRIMO IMPAL CATO	6	3	Q.Perm.	Testa	2.5	-13875	-2404	415		0.40	0.06	6.78	V
						Piede	2.5	-14662	-1052	967		0.40	0.00	-	V
10	256	SECON DO IMPAL CATO	6	2	Q.Perm.	Testa	2.5	-7470	-2728	-221		0.40	0.14	2.94	V
						Piede	2.5	-8083	2623	-523		0.40	0.14	2.84	V
11	219	PRIMO IMPAL CATO	7	3	Q.Perm.	Testa	2.5	-29042	154	71		0.40	0.00	-	V
						Piede	2.5	-29830	187	-1329		0.40	0.00	-	V
12	257	SECON DO IMPAL CATO	7	2	Q.Perm.	Testa	2.5	-16295	-7	32		0.40	0.00	-	V
						Piede	2.5	-16908	32	451		0.40	0.00	-	V
13	220	PRIMO IMPAL CATO	8	2	Q.Perm.	Testa	2.5	-18479	312	74		0.40	0.00	-	V
						Piede	2.5	-19070	-58	-29		0.40	0.00	-	V
14	221	PRIMO IMPAL CATO	9	10	Q.Perm.	Testa	2.5	-49876	5382	-1662		0.40	0.30	1.34	V
						Piede	2.5	-50861	-1418	913		0.40	0.00	-	V
15	258	SECON DO IMPAL CATO	9	3	Q.Perm.	Testa	2.5	-19957	-2620	-1205		0.40	0.07	5.91	V
						Piede	2.5	-20775	1226	1507		0.40	0.01	69.75	V
16	222	PRIMO IMPAL CATO	10	10	Q.Perm.	Testa	2.5	-49810	5385	1659		0.40	0.30	1.34	V
						Piede	2.5	-50795	-1417	-908		0.40	0.00	-	V
17	259	SECON DO IMPAL	10	3	Q.Perm.	Testa	2.5	-19955	-2621	1205		0.40	0.07	5.90	V

		CATO												
18	223	PRIMO IMPAL CATO	11	2	Q.Perm.	Piede Testa	2.5 2.5	-20773 -18469	1225 332	-1507 -78	0.40 0.40	0.01 0.00	70.37 -	V V
19	224	PRIMO IMPAL CATO	12	3	Q.Perm.	Piede Testa	2.5 2.5	-19060 -29058	-69 183	34 -64	0.40 0.40	0.00 0.00	- -	V V
20	260	SECONDO IMPAL CATO	12	2	Q.Perm.	Piede Testa	2.5 2.5	-29845 -16291	167 -3	1330 -32	0.40 0.40	0.00 0.00	- -	V V
21	225	PRIMO IMPAL CATO	13	3	Q.Perm.	Piede Testa	2.5 2.5	-16904 -13169	24 2104	-457 -310	0.40 0.40	0.00 0.00	- -	V V
22	261	SECONDO IMPAL CATO	13	2	Q.Perm.	Piede Testa	2.5 2.5	-13956 -7095	936 2389	-997 -133	0.40 0.40	0.00 0.10	- 4.00	V V
23	226	PRIMO IMPAL CATO	14	4	Q.Perm.	Piede Testa	2.5 2.5	-7708 -18768	-2042 1313	641 -94	0.40 0.40	0.09 0.00	4.25 -	V V
24	262	SECONDO IMPAL CATO	14	2	Q.Perm.	Piede Testa	2.5 2.5	-19555 -3108	471 706	29 -43	0.40 0.40	0.00 0.00	- -	V V
25	227	PRIMO IMPAL CATO	15	4	Q.Perm.	Piede Testa	2.5 2.5	-3721 -26730	-747 1815	38 323	0.40 0.40	0.00 0.00	- -	V V
26	263	SECONDO IMPAL CATO	15	3	Q.Perm.	Piede Testa	2.5 2.5	-27517 -11708	100 3775	54 -171	0.40 0.40	0.00 0.28	- 1.43	V V
27	228	PRIMO IMPAL CATO	16	4	Q.Perm.	Piede Testa	2.5 2.5	-12525 -26698	-2650 1809	-113 -321	0.40 0.40	0.08 0.00	5.18 -	V V
28	264	SECONDO IMPAL CATO	16	3	Q.Perm.	Piede Testa	2.5 2.5	-27485 -11708	102 3773	-55 169	0.40 0.40	0.00 0.28	- 1.43	V V
29	229	PRIMO IMPAL CATO	17	4	Q.Perm.	Piede Testa	2.5 2.5	-12526 -18735	-2641 1308	116 94	0.40 0.40	0.08 0.00	5.26 -	V V
30	265	SECONDO IMPAL CATO	17	2	Q.Perm.	Piede Testa	2.5 2.5	-19523 -3109	467 706	-28 38	0.40 0.40	0.00 0.00	- -	V V
31	230	PRIMO IMPAL CATO	18	3	Q.Perm.	Piede Testa	2.5 2.5	-3722 -13170	-741 2110	-34 309	0.40 0.40	0.00 0.00	- -	V V
32	266	SECONDO IMPAL CATO	18	2	Q.Perm.	Piede Testa	2.5 2.5	-13957 -7095	923 2393	999 129	0.40 0.40	0.00 0.10	- 3.99	V V
33	267	SECONDO IMPAL CATO	41	3	Q.Perm.	Piede Testa	2.5 2.5	-7708 -18150	-2042 3364	-637 -1676	0.40 0.40	0.09 0.27	4.26 1.49	V V
						Piede	2.5	-18967	5215	449	0.40	0.36	1.11	V

34	268	SECONDO IMPALCATO	42	3	Q.Perm.	Testa	2.5	-18157	3368	1676	0.40	0.27	1.49	V
						Piede	2.5	-18974	5206	-450	0.40	0.36	1.12	V

2.4.2 Travi di Elevazione.

2.4.2.1 Verifiche Travi di Elevazione in C.A. .

Qui di seguito vengono riportate le tabelle riportanti i risultati delle verifiche relative alle travi di elevazione della struttura.

2.4.2.1.1 Verifiche SLV - Flessione Composta

Camp : campata alla quale appartengono le aste riportate;
 Asta : numerazione interna dell'asta;
 Imp. : impalcato al quale appartiene l'asta considerata;
 Fili : fili fissi ai quali appartiene l'asta considerata;
 Tipo Sez. : tipo di sezione dell'asta considerata;
 ϵ_{c2} : deformazione di contrazione del calcestruzzo al raggiungimento della massima tensione;
 ϵ_{cu2} : deformazione ultima di contrazione del calcestruzzo;
 X : distanza dal nodo iniziale misurata lungo l'asse dell'asta
 Cop : distanza tra la superficie esterna dell'armatura più prossima alla superficie del calcestruzzo e la superficie stessa del calcestruzzo;
 A_{sup} : valore dell'area di armatura presente all'estradosso;
 A_{inf} : valore dell'area di armatura presente all'intradosso;
 A_{fl} : valore dell'area di armatura presente nella sezione;

Azioni Sollecitanti:

N_{sd} : Sforzo Normale Sollecitante;
 M_{sdXZ} : valore del Momento Flettente X-Z sollecitante di calcolo;
 M_{sdXY} : valore del Momento Flettente X-Y sollecitante di calcolo;

ϵ_{cls} : deformazione massima del calcestruzzo compresso
 ϵ_{acc} : deformazione massima dell'armatura tesa

Azioni Resistenti:

N_{Rd} : Sforzo Normale Resistente;
 M_{RdXZ} : valore del Momento Flettente X-Z resistente di calcolo;
 M_{RdXY} : valore del Momento Flettente X-Y resistente di calcolo;

C : campo di rottura
 S : valore del coefficiente di sicurezza minimo della sezione;
 Esito : Esito della verifica : V = VERIFICATA;
 : NV = NON VERIFICATA;

Tabella 40.I

Camp	Asta	Imp.	Fili	Tipo Sez.								Azioni Sollecitanti			Azioni Resistenti			C	S	Esito		
					ϵ_{c2} [%]	ϵ_{cu2} [%]	X [cm]	Cop [cm]	A_{sup} [cm ²]	A_{inf} [cm ²]	A_{fl} [cm ²]	N_{sd} [daN]	M_{sdxz} [daNm]	M_{sdyx} [daNm]	ϵ_{cls} [%]	ϵ_{acc} [%]	N_{rd} [daN]				M_{rdxz} [daNm]	M_{rdsy} [daNm]
1	88	PRIMO IMPALCATO	1-2	6	2.00	3.50	0	2.5	4.02	4.02	8.04	0	-789	-	3.50	15.50	-1	-3085	-	3	3.91	V
					2.00	3.50	150	2.5	4.02	4.02	8.04	0	1184	-	3.50	15.50	-1	3085	-	3	2.61	V
					2.00	3.50	435	2.5	4.02	4.02	8.04	0	-1893	-	3.50	15.50	-1	-3085	-	3	1.63	V
2	89	PRIMO IMPALCATO	7-1	5	2.00	3.50	0	2.5	14.07	10.05	24.13	0	-8511	-	3.50	10.03	1	-9941	-	3	1.17	V
					2.00	3.50	240	2.5	8.04	10.05	18.10	0	5597	-	3.50	12.17	-1	7302	-	3	1.30	V
					2.00	3.50	520	2.5	10.05	10.05	20.11	0	-6314	-	3.50	12.46	0	-7301	-	3	1.16	V
3	90	PRIMO IMPALCATO	1-19	5	2.00	3.50	0	2.5	8.04	8.04	16.08	0	1294	-	3.50	13.68	2	5969	-	3	4.61	V
					2.00	3.50	105	2.5	8.04	8.04	16.08	0	-3260	-	3.50	13.68	2	-5969	-	3	1.83	V
					2.00	3.50	150	2.5	8.04	8.04	16.08	0	-4404	-	3.50	13.68	2	-5969	-	3	1.36	V

4	91	PRIMO IMPAL CATO	31-1	6	2.00	3.50	0	2.5	6.03	4.02	10.05	0	-3481	-	3.50	12.64	-1	-4426	-	3	1.27	V
					2.00	3.50	15	2.5	6.03	4.02	10.05	0	-2672	-	3.50	12.64	-1	-4426	-	3	1.66	V
					2.00	3.50	145	2.5	6.03	4.02	10.05	0	2503	-	3.50	15.22	0	3087	-	3	1.23	V
5	92	PRIMO IMPAL CATO	2-3	6	2.00	3.50	0	2.5	6.03	4.02	10.05	0	-2379	-	3.50	12.64	-1	-4426	-	3	1.86	V
					2.00	3.50	250	2.5	4.02	4.02	8.04	0	1179	-	3.50	15.50	-1	3085	-	3	2.62	V
					2.00	3.50	535	2.5	6.03	4.02	10.05	0	-2707	-	3.50	12.64	-1	-4426	-	3	1.64	V
6	93	PRIMO IMPAL CATO	8-2	5	2.00	3.50	0	2.5	18.10	12.06	30.16	0	-10741	-	3.50	8.52	1	-12553	-	3	1.17	V
					2.00	3.50	245	2.5	8.04	12.06	20.11	0	6435	-	3.50	10.75	-2	8625	-	3	1.34	V
					2.00	3.50	520	2.5	12.06	12.06	24.13	0	-7248	-	3.50	11.57	-1	-8626	-	3	1.19	V
7	94	PRIMO IMPAL CATO	2-20	5	2.00	3.50	0	2.5	8.04	8.04	16.08	0	-2793	-	3.50	13.68	2	-5969	-	3	2.14	V
					2.00	3.50	15	2.5	8.04	8.04	16.08	0	-1975	-	3.50	13.68	2	-5969	-	3	3.02	V
					2.00	3.50	145	2.5	8.04	8.04	16.08	0	-1328	-	3.50	13.68	2	-5969	-	3	4.49	V
8	95	PRIMO IMPAL CATO	3-4	6	2.00	3.50	0	2.5	4.02	4.02	8.04	0	-2396	-	3.50	15.50	-1	-3085	-	3	1.29	V
					2.00	3.50	250	2.5	4.02	4.02	8.04	0	1699	-	3.50	15.50	-1	3085	-	3	1.82	V
					2.00	3.50	530	2.5	4.02	4.02	8.04	0	-2397	-	3.50	15.50	-1	-3085	-	3	1.29	V
9	101	PRIMO IMPAL CATO	3-21	5	2.00	3.50	0	2.5	8.04	8.04	16.08	0	-1882	-	3.50	13.68	2	-5969	-	3	3.17	V
					2.00	3.50	105	2.5	8.04	8.04	16.08	0	-2793	-	3.50	13.68	2	-5969	-	3	2.14	V
					2.00	3.50	155	2.5	8.04	8.04	16.08	0	-3700	-	3.50	13.68	2	-5969	-	3	1.61	V
10	102	PRIMO IMPAL CATO	41-3	5	2.00	3.50	0	2.5	14.07	16.08	30.16	0	9460	-	3.50	9.94	0	11262	-	3	1.19	V
					2.00	3.50	15	2.5	14.07	16.08	30.16	0	8290	-	3.50	9.94	0	11262	-	3	1.36	V
					2.00	3.50	165	2.5	14.07	16.08	30.16	0	-7769	-	3.50	11.20	0	-9947	-	3	1.28	V
11	104	PRIMO IMPAL CATO	4-5	6	2.00	3.50	0	2.5	6.03	4.02	10.05	0	-2713	-	3.50	12.64	-1	-4426	-	3	1.63	V
					2.00	3.50	250	2.5	4.02	4.02	8.04	0	1180	-	3.50	15.50	-1	3085	-	3	2.62	V
					2.00	3.50	535	2.5	6.03	4.02	10.05	0	-2372	-	3.50	12.64	-1	-4426	-	3	1.87	V
12	105	PRIMO IMPAL CATO	4-22	5	2.00	3.50	0	2.5	8.04	8.04	16.08	0	-1865	-	3.50	13.68	2	-5969	-	3	3.20	V
					2.00	3.50	105	2.5	8.04	8.04	16.08	0	-2798	-	3.50	13.68	2	-5969	-	3	2.13	V
					2.00	3.50	155	2.5	8.04	8.04	16.08	0	-3704	-	3.50	13.68	2	-5969	-	3	1.61	V
13	106	PRIMO IMPAL CATO	42-4	5	2.00	3.50	0	2.5	14.07	16.08	30.16	0	9463	-	3.50	9.94	0	11262	-	3	1.19	V
					2.00	3.50	15	2.5	14.07	16.08	30.16	0	8294	-	3.50	9.94	0	11262	-	3	1.36	V
					2.00	3.50	165	2.5	14.07	16.08	30.16	0	-7763	-	3.50	11.20	0	-9947	-	3	1.28	V
14	108	PRIMO IMPAL CATO	5-6	6	2.00	3.50	0	2.5	4.02	4.02	8.04	0	-1903	-	3.50	15.50	-1	-3085	-	3	1.62	V
					2.00	3.50	250	2.5	4.02	4.02	8.04	0	1193	-	3.50	15.50	-1	3085	-	3	2.58	V
					2.00	3.50	435	2.5	4.02	4.02	8.04	0	-778	-	3.50	15.50	-1	-3085	-	3	3.96	V
15	109	PRIMO IMPAL CATO	11-5	5	2.00	3.50	0	2.5	18.10	12.06	30.16	0	-10753	-	3.50	8.52	1	-12553	-	3	1.17	V
					2.00	3.50	245	2.5	8.04	12.06	20.11	0	6454	-	3.50	10.75	-2	8625	-	3	1.34	V
					2.00	3.50	520	2.5	12.06	12.06	24.13	0	-7249	-	3.50	11.57	-1	-8626	-	3	1.19	V
16	110	PRIMO IMPAL CATO	5-23	5	2.00	3.50	0	2.5	8.04	8.04	16.08	0	-2753	-	3.50	13.68	2	-5969	-	3	2.17	V
					2.00	3.50	15	2.5	8.04	8.04	16.08	0	-1944	-	3.50	13.68	2	-5969	-	3	3.07	V
					2.00	3.50	145	2.5	8.04	8.04	16.08	0	-1377	-	3.50	13.68	2	-5969	-	3	4.33	V
17	111	PRIMO IMPAL CATO	12-6	5	2.00	3.50	0	2.5	14.07	10.05	24.13	0	-8571	-	3.50	10.03	1	-9941	-	3	1.16	V
					2.00	3.50	240	2.5	8.04	10.05	18.10	0	5641	-	3.50	12.17	-1	7302	-	3	1.29	V
					2.00	3.50	520	2.5	10.05	10.05	20.11	0	-6343	-	3.50	12.46	0	-7301	-	3	1.15	V
18	112	PRIMO IMPAL CATO	6-24	5	2.00	3.50	0	2.5	8.04	8.04	16.08	0	1308	-	3.50	13.68	2	5969	-	3	4.56	V
					2.00	3.50	105	2.5	8.04	8.04	16.08	0	-3299	-	3.50	13.68	2	-5969	-	3	1.81	V
					2.00	3.50	150	2.5	8.04	8.04	16.08	0	-4460	-	3.50	13.68	2	-5969	-	3	1.34	V
19	113	PRIMO IMPAL CATO	6-36	6	2.00	3.50	0	2.5	6.03	4.02	10.05	0	2598	-	3.50	15.22	0	3087	-	3	1.19	V
					2.00	3.50	105	2.5	6.03	4.02	10.05	0	-2843	-	3.50	12.64	-1	-4426	-	3	1.56	V
					2.00	3.50	145	2.5	6.03	4.02	10.05	0	-3690	-	3.50	12.64	-1	-4426	-	3	1.20	V
20	114	PRIMO IMPAL CATO	7-8	6	2.00	3.50	0	2.5	4.02	4.02	8.04	0	747	-	3.50	15.50	-1	3085	-	3	4.13	V
					2.00	3.50	350	2.5	4.02	4.02	8.04	0	-963	-	3.50	15.50	-1	-3085	-	3	3.20	V
					2.00	3.50	430	2.5	4.02	4.02	8.04	0	-1759	-	3.50	15.50	-1	-3085	-	3	1.75	V
21	115	PRIMO IMPAL CATO	13-7	5	2.00	3.50	0	2.5	8.04	8.04	16.08	0	-5128	-	3.50	13.68	2	-5969	-	3	1.16	V
					2.00	3.50	220	2.5	8.04	8.04	16.08	0	4935	-	3.50	13.68	2	5969	-	3	1.21	V
					2.00	3.50	480	2.5	14.07	10.05	24.13	0	-7946	-	3.50	10.03	1	-9941	-	3	1.25	V
22	116	PRIMO IMPAL CATO	32-7	6	2.00	3.50	0	2.5	6.03	6.03	12.06	0	-3369	-	3.50	13.02	0	-4424	-	3	1.31	V
					2.00	3.50	15	2.5	6.03	6.03	12.06	0	-2482	-	3.50	13.02	0	-4424	-	3	1.78	V
					2.00	3.50	145	2.5	6.03	6.03	12.06	0	3240	-	3.50	13.02	0	4424	-	3	1.37	V
23	117	PRIMO IMPAL CATO	8-9	6	2.00	3.50	0	2.5	4.02	4.02	8.04	0	-1638	-	3.50	15.50	-1	-3085	-	3	1.88	V

					2.00	3.50	64	2.5	4.02	4.02	8.04	0	-761	-	3.50	15.50	-1	-3085	-	3	4.06	V
					2.00	3.50	540	2.5	4.02	4.02	8.04	0	-1045	-	3.50	15.50	-1	-3085	-	3	2.95	V
24	118	PRIMO IMPAL CATO	14-8	5	2.00	3.50	0	2.5	10.05	10.05	20.11	0	-6019	-	3.50	12.46	0	-7301	-	3	1.21	V
					2.00	3.50	230	2.5	8.04	10.05	18.10	0	5576	-	3.50	12.17	-1	7302	-	3	1.31	V
					2.00	3.50	490	2.5	18.10	12.06	30.16	0	-10374	-	3.50	8.52	1	-12553	-	3	1.21	V
25	119	PRIMO IMPAL CATO	9-10	6	2.00	3.50	0	2.5	4.02	4.02	8.04	0	-1611	-	3.50	15.50	-1	-3085	-	3	1.91	V
					2.00	3.50	250	2.5	4.02	4.02	8.04	0	1545	-	3.50	15.50	-1	3085	-	3	2.00	V
					2.00	3.50	530	2.5	4.02	4.02	8.04	0	-1609	-	3.50	15.50	-1	-3085	-	3	1.92	V
26	125	PRIMO IMPAL CATO	15-9	5	2.00	3.50	0	2.5	12.06	12.06	24.13	0	-7906	-	3.50	11.57	-1	-8626	-	3	1.09	V
					2.00	3.50	220	2.5	8.04	12.06	20.11	0	6709	-	3.50	10.75	-2	8625	-	3	1.29	V
					2.00	3.50	480	2.5	18.10	12.06	30.16	0	-11251	-	3.50	8.52	1	-12553	-	3	1.12	V
27	126	PRIMO IMPAL CATO	9-41	5	2.00	3.50	0	2.5	12.06	12.06	24.13	0	-7476	-	3.50	11.57	-1	-8626	-	3	1.15	V
					2.00	3.50	271	2.5	12.06	12.06	24.13	0	6344	-	3.50	11.57	-1	8626	-	3	1.36	V
					2.00	3.50	355	2.5	12.06	12.06	24.13	0	6669	-	3.50	11.57	-1	8626	-	3	1.29	V
28	130	PRIMO IMPAL CATO	10-1 1	6	2.00	3.50	0	2.5	4.02	4.02	8.04	0	-1050	-	3.50	15.50	-1	-3085	-	3	2.94	V
					2.00	3.50	446	2.5	4.02	4.02	8.04	0	-758	-	3.50	15.50	-1	-3085	-	3	4.07	V
					2.00	3.50	540	2.5	4.02	4.02	8.04	0	-1635	-	3.50	15.50	-1	-3085	-	3	1.89	V
29	131	PRIMO IMPAL CATO	16-1 0	5	2.00	3.50	0	2.5	12.06	12.06	24.13	0	-7885	-	3.50	11.57	-1	-8626	-	3	1.09	V
					2.00	3.50	220	2.5	8.04	12.06	20.11	0	6692	-	3.50	10.75	-2	8625	-	3	1.29	V
					2.00	3.50	480	2.5	18.10	12.06	30.16	0	-11228	-	3.50	8.52	1	-12553	-	3	1.12	V
30	132	PRIMO IMPAL CATO	10-4 2	5	2.00	3.50	0	2.5	12.06	12.06	24.13	0	-7460	-	3.50	11.57	-1	-8626	-	3	1.16	V
					2.00	3.50	271	2.5	12.06	12.06	24.13	0	6335	-	3.50	11.57	-1	8626	-	3	1.36	V
					2.00	3.50	355	2.5	12.06	12.06	24.13	0	6663	-	3.50	11.57	-1	8626	-	3	1.29	V
31	136	PRIMO IMPAL CATO	11-1 2	6	2.00	3.50	0	2.5	4.02	4.02	8.04	0	-1767	-	3.50	15.50	-1	-3085	-	3	1.75	V
					2.00	3.50	50	2.5	4.02	4.02	8.04	0	-968	-	3.50	15.50	-1	-3085	-	3	3.19	V
					2.00	3.50	430	2.5	4.02	4.02	8.04	0	754	-	3.50	15.50	-1	3085	-	3	4.09	V
32	137	PRIMO IMPAL CATO	17-1 1	5	2.00	3.50	0	2.5	10.05	10.05	20.11	0	-5999	-	3.50	12.46	0	-7301	-	3	1.22	V
					2.00	3.50	230	2.5	8.04	10.05	18.10	0	5551	-	3.50	12.17	-1	7302	-	3	1.32	V
					2.00	3.50	490	2.5	18.10	12.06	30.16	0	-10353	-	3.50	8.52	1	-12553	-	3	1.21	V
33	138	PRIMO IMPAL CATO	18-1 2	5	2.00	3.50	0	2.5	8.04	8.04	16.08	0	-5137	-	3.50	13.68	2	-5969	-	3	1.16	V
					2.00	3.50	220	2.5	8.04	8.04	16.08	0	4932	-	3.50	13.68	2	5969	-	3	1.21	V
					2.00	3.50	480	2.5	14.07	10.05	24.13	0	-7942	-	3.50	10.03	1	-9941	-	3	1.25	V
34	139	PRIMO IMPAL CATO	12-3 7	6	2.00	3.50	0	2.5	6.03	6.03	12.06	0	3275	-	3.50	13.02	0	4424	-	3	1.35	V
					2.00	3.50	105	2.5	6.03	6.03	12.06	0	-2512	-	3.50	13.02	0	-4424	-	3	1.76	V
					2.00	3.50	145	2.5	6.03	6.03	12.06	0	-3409	-	3.50	13.02	0	-4424	-	3	1.30	V
35	140	PRIMO IMPAL CATO	13-1 4	6	2.00	3.50	0	2.5	4.02	4.02	8.04	0	-738	-	3.50	15.50	-1	-3085	-	3	4.18	V
					2.00	3.50	150	2.5	4.02	4.02	8.04	0	1159	-	3.50	15.50	-1	3085	-	3	2.66	V
					2.00	3.50	435	2.5	4.02	4.02	8.04	0	-2092	-	3.50	15.50	-1	-3085	-	3	1.47	V
36	141	PRIMO IMPAL CATO	25-1 3	5	2.00	3.50	0	2.5	8.04	8.04	16.08	0	-4152	-	3.50	13.68	2	-5969	-	3	1.44	V
					2.00	3.50	15	2.5	8.04	8.04	16.08	0	-3044	-	3.50	13.68	2	-5969	-	3	1.96	V
					2.00	3.50	150	2.5	8.04	8.04	16.08	0	1250	-	3.50	13.68	2	5969	-	3	4.78	V
37	142	PRIMO IMPAL CATO	33-1 3	6	2.00	3.50	0	2.5	6.03	4.02	10.05	0	-3559	-	3.50	12.64	-1	-4426	-	3	1.24	V
					2.00	3.50	15	2.5	6.03	4.02	10.05	0	-2730	-	3.50	12.64	-1	-4426	-	3	1.62	V
					2.00	3.50	145	2.5	6.03	4.02	10.05	0	2581	-	3.50	15.22	0	3087	-	3	1.20	V
38	143	PRIMO IMPAL CATO	14-1 5	6	2.00	3.50	0	2.5	6.03	4.02	10.05	0	-2529	-	3.50	12.64	-1	-4426	-	3	1.75	V
					2.00	3.50	245	2.5	4.02	4.02	8.04	0	1436	-	3.50	15.50	-1	3085	-	3	2.15	V
					2.00	3.50	530	2.5	4.02	4.02	8.04	0	-1826	-	3.50	15.50	-1	-3085	-	3	1.69	V
39	144	PRIMO IMPAL CATO	26-1 4	5	2.00	3.50	0	2.5	8.04	8.04	16.08	0	-1011	-	3.50	13.68	2	-5969	-	3	5.91	V
					2.00	3.50	105	2.5	8.04	8.04	16.08	0	-1985	-	3.50	13.68	2	-5969	-	3	3.01	V
					2.00	3.50	145	2.5	8.04	8.04	16.08	0	-2953	-	3.50	13.68	2	-5969	-	3	2.02	V
40	145	PRIMO IMPAL CATO	15-1 6	6	2.00	3.50	0	2.5	4.02	4.02	8.04	0	-1157	-	3.50	15.50	-1	-3085	-	3	2.67	V
					2.00	3.50	250	2.5	4.02	4.02	8.04	0	606	-	3.50	15.50	-1	3085	-	3	5.09	V
					2.00	3.50	540	2.5	4.02	4.02	8.04	0	-1157	-	3.50	15.50	-1	-3085	-	3	2.67	V
41	146	PRIMO IMPAL CATO	27-1 5	5	2.00	3.50	0	2.5	8.04	8.04	16.08	0	-3430	-	3.50	13.68	2	-5969	-	3	1.74	V
					2.00	3.50	15	2.5	8.04	8.04	16.08	0	-2204	-	3.50	13.68	2	-5969	-	3	2.71	V
					2.00	3.50	145	2.5	8.04	8.04	16.08	0	-1683	-	3.50	13.68	2	-5969	-	3	3.55	V
42	147	PRIMO IMPAL CATO	16-1 7	6	2.00	3.50	0	2.5	4.02	4.02	8.04	0	-1828	-	3.50	15.50	-1	-3085	-	3	1.69	V
					2.00	3.50	245	2.5	4.02	4.02	8.04	0	1436	-	3.50	15.50	-1	3085	-	3	2.15	V
					2.00	3.50	530	2.5	6.03	4.02	10.05	0	-2528	-	3.50	12.64	-1	-4426	-	3	1.75	V
43	148	PRIMO	28-1	5	2.00	3.50	0	2.5	8.04	8.04	16.08	0	-3417	-	3.50	13.68	2	-5969	-	3	1.75	V

		IMPAL CATO	6																					
						2.00	3.50	15	2.5	8.04		8.04	16.08	0	-2197	-	3.50	13.68	2	-5969	-	3	2.72	V
						2.00	3.50	145	2.5	8.04	8.04	16.08	0	-1683	-	3.50	13.68	2	-5969	-	3	3.55	V	
44	149	PRIMO IMPAL CATO	17-1 8	6		2.00	3.50	0	2.5	4.02		4.02	8.04	0	-2096	-	3.50	15.50	-1	-3085	-	3	1.47	V
						2.00	3.50	250	2.5	4.02	4.02	8.04	0	1160	-	3.50	15.50	-1	3085	-	3	2.66	V	
						2.00	3.50	435	2.5	4.02	4.02	8.04	0	-735	-	3.50	15.50	-1	-3085	-	3	4.19	V	
45	150	PRIMO IMPAL CATO	29-1 7	5		2.00	3.50	0	2.5	8.04	8.04	16.08	0	-1008	-	3.50	13.68	2	-5969	-	3	5.92	V	
						2.00	3.50	105	2.5	8.04	8.04	16.08	0	-1979	-	3.50	13.68	2	-5969	-	3	3.02	V	
						2.00	3.50	145	2.5	8.04	8.04	16.08	0	-2946	-	3.50	13.68	2	-5969	-	3	2.03	V	
46	151	PRIMO IMPAL CATO	30-1 8	5		2.00	3.50	0	2.5	8.04	8.04	16.08	0	-4158	-	3.50	13.68	2	-5969	-	3	1.44	V	
						2.00	3.50	15	2.5	8.04	8.04	16.08	0	-3048	-	3.50	13.68	2	-5969	-	3	1.96	V	
						2.00	3.50	150	2.5	8.04	8.04	16.08	0	1252	-	3.50	13.68	2	5969	-	3	4.77	V	
47	152	PRIMO IMPAL CATO	18-3 8	6		2.00	3.50	0	2.5	6.03	4.02	10.05	0	2574	-	3.50	15.22	0	3087	-	3	1.20	V	
						2.00	3.50	105	2.5	6.03	4.02	10.05	0	-2727	-	3.50	12.64	-1	-4426	-	3	1.62	V	
						2.00	3.50	145	2.5	6.03	4.02	10.05	0	-3554	-	3.50	12.64	-1	-4426	-	3	1.25	V	
48	153	PRIMO IMPAL CATO	19-2 0	7		2.00	3.50	0	2.5	4.02	4.02	8.04	0	315	-	3.50	11.57	0	2875	-	3	9.12	V	
						2.00	3.50	46	2.5	4.02	4.02	8.04	0	189	-	3.50	11.57	0	2875	-	3	15.22	V	
						2.00	3.50	430	2.5	4.02	4.02	8.04	0	180	-	3.50	11.57	0	2875	-	3	15.94	V	
49	156	PRIMO IMPAL CATO	34-1 9	7		2.00	3.50	0	2.5	4.02	4.02	8.04	0	139	-	3.50	11.57	0	2875	-	3	20.67	V	
						2.00	3.50	105	2.5	4.02	4.02	8.04	0	-303	-	3.50	11.57	0	-2875	-	3	9.48	V	
						2.00	3.50	160	2.5	4.02	4.02	8.04	0	-388	-	3.50	11.57	0	-2875	-	3	7.41	V	
50	157	PRIMO IMPAL CATO	20-2 1	7		2.00	3.50	0	2.5	4.02	4.02	8.04	0	-242	-	3.50	11.57	0	-2875	-	3	11.86	V	
						2.00	3.50	394	2.5	4.02	4.02	8.04	0	-109	-	3.50	11.57	0	-2875	-	3	26.29	V	
						2.00	3.50	510	2.5	4.02	4.02	8.04	0	-403	-	3.50	11.57	0	-2875	-	3	7.14	V	
51	161	PRIMO IMPAL CATO	21-2 2	7		2.00	3.50	0	2.5	4.02	4.02	8.04	0	410	-	3.50	11.57	0	2875	-	3	7.00	V	
						2.00	3.50	63	2.5	4.02	4.02	8.04	0	174	-	3.50	11.57	0	2875	-	3	16.49	V	
						2.00	3.50	560	2.5	4.02	4.02	8.04	0	410	-	3.50	11.57	0	2875	-	3	7.02	V	
52	165	PRIMO IMPAL CATO	22-2 3	7		2.00	3.50	0	2.5	4.02	4.02	8.04	0	-402	-	3.50	11.57	0	-2875	-	3	7.16	V	
						2.00	3.50	56	2.5	4.02	4.02	8.04	0	-109	-	3.50	11.57	0	-2875	-	3	26.39	V	
						2.00	3.50	510	2.5	4.02	4.02	8.04	0	-242	-	3.50	11.57	0	-2875	-	3	11.88	V	
53	169	PRIMO IMPAL CATO	23-2 4	7		2.00	3.50	0	2.5	4.02	4.02	8.04	0	180	-	3.50	11.57	0	2875	-	3	15.95	V	
						2.00	3.50	324	2.5	4.02	4.02	8.04	0	194	-	3.50	11.57	0	2875	-	3	14.84	V	
						2.00	3.50	430	2.5	4.02	4.02	8.04	0	324	-	3.50	11.57	0	2875	-	3	8.87	V	
54	172	PRIMO IMPAL CATO	24-3 9	7		2.00	3.50	0	2.5	4.02	4.02	8.04	0	-383	-	3.50	11.57	0	-2875	-	3	7.50	V	
						2.00	3.50	15	2.5	4.02	4.02	8.04	0	-302	-	3.50	11.57	0	-2875	-	3	9.51	V	
						2.00	3.50	160	2.5	4.02	4.02	8.04	0	114	-	3.50	11.57	0	2875	-	3	25.22	V	
55	173	PRIMO IMPAL CATO	25-2 6	7		2.00	3.50	0	2.5	4.02	4.02	8.04	0	294	-	3.50	11.57	0	2875	-	3	9.79	V	
						2.00	3.50	46	2.5	4.02	4.02	8.04	0	177	-	3.50	11.57	0	2875	-	3	16.23	V	
						2.00	3.50	430	2.5	4.02	4.02	8.04	0	-190	-	3.50	11.57	0	-2875	-	3	15.14	V	
56	176	PRIMO IMPAL CATO	35-2 5	7		2.00	3.50	0	2.5	4.02	4.02	8.04	0	98	-	3.50	11.57	0	2875	-	3	29.19	V	
						2.00	3.50	105	2.5	4.02	4.02	8.04	0	-273	-	3.50	11.57	0	-2875	-	3	10.52	V	
						2.00	3.50	160	2.5	4.02	4.02	8.04	0	-348	-	3.50	11.57	0	-2875	-	3	8.26	V	
57	177	PRIMO IMPAL CATO	26-2 7	7		2.00	3.50	0	2.5	4.02	4.02	8.04	0	-196	-	3.50	11.57	0	-2875	-	3	14.67	V	
						2.00	3.50	394	2.5	4.02	4.02	8.04	0	113	-	3.50	11.57	0	2875	-	3	25.50	V	
						2.00	3.50	510	2.5	4.02	4.02	8.04	0	241	-	3.50	11.57	0	2875	-	3	11.91	V	
58	181	PRIMO IMPAL CATO	27-2 8	7		2.00	3.50	0	2.5	4.02	4.02	8.04	0	-300	-	3.50	11.57	0	-2875	-	3	9.60	V	
						2.00	3.50	63	2.5	4.02	4.02	8.04	0	-93	-	3.50	11.57	0	-2875	-	3	30.80	V	
						2.00	3.50	560	2.5	4.02	4.02	8.04	0	-299	-	3.50	11.57	0	-2875	-	3	9.62	V	
59	185	PRIMO IMPAL CATO	28-2 9	7		2.00	3.50	0	2.5	4.02	4.02	8.04	0	241	-	3.50	11.57	0	2875	-	3	11.95	V	
						2.00	3.50	56	2.5	4.02	4.02	8.04	0	112	-	3.50	11.57	0	2875	-	3	25.56	V	
						2.00	3.50	510	2.5	4.02	4.02	8.04	0	-195	-	3.50	11.57	0	-2875	-	3	14.71	V	
60	189	PRIMO IMPAL CATO	29-3 0	7		2.00	3.50	0	2.5	4.02	4.02	8.04	0	-191	-	3.50	11.57	0	-2875	-	3	15.08	V	
						2.00	3.50	324	2.5	4.02	4.02	8.04	0	177	-	3.50	11.57	0	2875	-	3	16.20	V	
						2.00	3.50	430	2.5	4.02	4.02	8.04	0	294	-	3.50	11.57	0	2875	-	3	9.77	V	
61	192	PRIMO IMPAL CATO	30-4 0	7		2.00	3.50	0	2.5	4.02	4.02	8.04	0	-349	-	3.50	11.57	0	-2875	-	3	8.24	V	
						2.00	3.50	15	2.5	4.02	4.02	8.04	0	-274	-	3.50	11.57	0	-2875	-	3	10.49	V	
						2.00	3.50	160	2.5	4.02	4.02	8.04	0	99	-	3.50	11.57	0	2875	-	3	29.07	V	
62	193	PRIMO IMPAL CATO	32-3 1	7		2.00	3.50	0	2.5	4.02	4.02	8.04	0	-168	-	3.50	11.57	0	-2875	-	3	17.14	V	
						2.00	3.50	420	2.5	4.02	4.02	8.04	0	197	-	3.50	11.57	0	2875	-	3	14.56	V	

63	197	PRIMO IMPAL CATO	31-3 4	7	2.00	3.50	520	2.5	4.02	4.02	8.04	0	456	-	3.50	11.57	0	2875	-	3	6.30	V
					2.00	3.50	0	2.5	4.02	4.02	8.04	0	-685	-	3.50	11.57	0	-2875	-	3	4.20	V
					2.00	3.50	15	2.5	4.02	4.02	8.04	0	-452	-	3.50	11.57	0	-2875	-	3	6.36	V
					2.00	3.50	150	2.5	4.02	4.02	8.04	0	-84	-	3.50	11.57	0	-2875	-	3	34.42	V
64	198	PRIMO IMPAL CATO	33-3 2	7	2.00	3.50	0	2.5	4.02	4.02	8.04	0	518	-	3.50	11.57	0	2875	-	3	5.55	V
					2.00	3.50	55	2.5	4.02	4.02	8.04	0	220	-	3.50	11.57	0	2875	-	3	13.09	V
					2.00	3.50	480	2.5	4.02	4.02	8.04	0	143	-	3.50	11.57	0	2875	-	3	20.11	V
					2.00	3.50	0	2.5	4.02	4.02	8.04	0	134	-	3.50	11.57	0	2875	-	3	21.48	V
65	202	PRIMO IMPAL CATO	35-3 3	7	2.00	3.50	105	2.5	4.02	4.02	8.04	0	-434	-	3.50	11.57	0	-2875	-	3	6.62	V
					2.00	3.50	150	2.5	4.02	4.02	8.04	0	-550	-	3.50	11.57	0	-2875	-	3	5.23	V
					2.00	3.50	0	2.5	4.02	4.02	8.04	0	-166	-	3.50	11.57	0	-2875	-	3	17.29	V
					2.00	3.50	420	2.5	4.02	4.02	8.04	0	231	-	3.50	11.57	0	2875	-	3	12.46	V
					2.00	3.50	520	2.5	4.02	4.02	8.04	0	546	-	3.50	11.57	0	2875	-	3	5.27	V
					2.00	3.50	0	2.5	4.02	4.02	8.04	0	-575	-	3.50	11.57	0	-2875	-	3	5.00	V
67	207	PRIMO IMPAL CATO	36-3 9	7	2.00	3.50	15	2.5	4.02	4.02	8.04	0	-455	-	3.50	11.57	0	-2875	-	3	6.31	V
					2.00	3.50	150	2.5	4.02	4.02	8.04	0	137	-	3.50	11.57	0	2875	-	3	21.06	V
					2.00	3.50	0	2.5	4.02	4.02	8.04	0	518	-	3.50	11.57	0	2875	-	3	5.55	V
					2.00	3.50	55	2.5	4.02	4.02	8.04	0	219	-	3.50	11.57	0	2875	-	3	13.10	V
					2.00	3.50	480	2.5	4.02	4.02	8.04	0	142	-	3.50	11.57	0	2875	-	3	20.21	V
					2.00	3.50	0	2.5	4.02	4.02	8.04	0	134	-	3.50	11.57	0	2875	-	3	21.52	V
68	208	PRIMO IMPAL CATO	38-3 7	7	2.00	3.50	105	2.5	4.02	4.02	8.04	0	-434	-	3.50	11.57	0	-2875	-	3	6.63	V
					2.00	3.50	150	2.5	4.02	4.02	8.04	0	-549	-	3.50	11.57	0	-2875	-	3	5.24	V
					2.00	3.50	0	2.5	8.04	8.04	16.08	0	1955	-	3.50	17.79	1	7543	-	3	3.86	V
					2.00	3.50	350	2.5	8.04	8.04	16.08	0	-3889	-	3.50	17.79	1	-7543	-	3	1.94	V
					2.00	3.50	430	2.5	8.04	8.04	16.08	0	-5382	-	3.50	17.79	1	-7543	-	3	1.40	V
					2.00	3.50	0	2.5	14.07	10.05	24.13	0	-10524	-	3.50	13.26	0	-12695	-	3	1.21	V
70	231	SECON DO IMPAL CATO	1-2	8	2.00	3.50	245	2.5	8.04	10.05	18.10	0	6701	-	3.50	15.91	1	9269	-	3	1.38	V
					2.00	3.50	520	2.5	8.04	10.05	18.10	0	-6146	-	3.50	17.91	0	-7542	-	3	1.23	V
					2.00	3.50	0	2.5	12.06	8.04	20.11	0	-7917	-	3.50	14.16	0	-10985	-	3	1.39	V
					2.00	3.50	60	2.5	8.04	8.04	16.08	0	-5200	-	3.50	17.79	1	-7543	-	3	1.45	V
					2.00	3.50	525	2.5	8.04	8.04	16.08	0	2906	-	3.50	17.79	1	7543	-	3	2.60	V
					2.00	3.50	0	2.5	8.04	8.04	16.08	0	1216	-	3.50	17.79	1	7543	-	3	6.20	V
73	234	SECON DO IMPAL CATO	3-4	8	2.00	3.50	250	2.5	8.04	8.04	16.08	0	3884	-	3.50	17.79	1	7543	-	3	1.94	V
					2.00	3.50	560	2.5	8.04	8.04	16.08	0	1208	-	3.50	17.79	1	7543	-	3	6.24	V
					2.00	3.50	0	2.5	16.08	10.05	26.14	0	-12020	-	3.50	11.90	0	-14390	-	3	1.20	V
					2.00	3.50	14	2.5	16.08	10.05	26.14	0	-9017	-	3.50	11.90	0	-14390	-	3	1.60	V
					2.00	3.50	160	2.5	16.08	10.05	26.14	0	2736	-	3.50	16.96	-1	9264	-	3	3.39	V
					2.00	3.50	0	2.5	8.04	8.04	16.08	0	2893	-	3.50	17.79	1	7543	-	3	2.61	V
75	236	SECON DO IMPAL CATO	4-5	8	2.00	3.50	420	2.5	8.04	8.04	16.08	0	-5189	-	3.50	17.79	1	-7543	-	3	1.45	V
					2.00	3.50	525	2.5	12.06	8.04	20.11	0	-7903	-	3.50	14.16	0	-10985	-	3	1.39	V
					2.00	3.50	0	2.5	16.08	10.05	26.14	0	-12031	-	3.50	11.90	0	-14390	-	3	1.20	V
					2.00	3.50	14	2.5	16.08	10.05	26.14	0	-9026	-	3.50	11.90	0	-14390	-	3	1.59	V
					2.00	3.50	160	2.5	16.08	10.05	26.14	0	2740	-	3.50	16.96	-1	9264	-	3	3.38	V
					2.00	3.50	0	2.5	8.04	8.04	16.08	0	-5374	-	3.50	17.79	1	-7543	-	3	1.40	V
77	238	SECON DO IMPAL CATO	5-6	8	2.00	3.50	50	2.5	8.04	8.04	16.08	0	-3883	-	3.50	17.79	1	-7543	-	3	1.94	V
					2.00	3.50	430	2.5	8.04	8.04	16.08	0	1950	-	3.50	17.79	1	7543	-	3	3.87	V
					2.00	3.50	0	2.5	14.07	10.05	24.13	0	-10519	-	3.50	13.26	0	-12695	-	3	1.21	V
					2.00	3.50	245	2.5	8.04	10.05	18.10	0	6697	-	3.50	15.91	1	9269	-	3	1.38	V
					2.00	3.50	520	2.5	8.04	10.05	18.10	0	-6157	-	3.50	17.91	0	-7542	-	3	1.22	V
					2.00	3.50	0	2.5	8.04	8.04	16.08	0	-3600	-	3.50	17.79	1	-7543	-	3	2.10	V
79	240	SECON DO IMPAL CATO	13-7	8	2.00	3.50	173	2.5	8.04	8.04	16.08	0	6084	-	3.50	17.79	1	7543	-	3	1.24	V
					2.00	3.50	490	2.5	14.07	10.05	24.13	0	-10585	-	3.50	13.26	0	-12695	-	3	1.20	V
					2.00	3.50	0	2.5	8.04	8.04	16.08	0	-2320	-	3.50	17.79	1	-7543	-	3	3.25	V
					2.00	3.50	0	2.5	8.04	8.04	16.08	0	-2320	-	3.50	17.79	1	-7543	-	3	3.25	V
80	241	SECON DO	9-10	8	2.00	3.50	0	2.5	8.04	8.04	16.08	0	-2320	-	3.50	17.79	1	-7543	-	3	3.25	V
					2.00	3.50	0	2.5	8.04	8.04	16.08	0	-2320	-	3.50	17.79	1	-7543	-	3	3.25	V

Tagli Sollecitanti:

V_{SdXZ} : valore del Taglio X-Z sollecitante di calcolo (calcolato per soddisfare $V_{Sd} = V_{(CV)} + V_{Ed}$;
 $V_{ed} = \gamma_{Rd} (M_{C,Rd}^{Sup} + M_{C,Rd}^{Inf}) / l_p$);
 V_{SdXY} : valore del Taglio X-Y sollecitante di calcolo (calcolato per soddisfare $V_{Sd} = V_{(CV)} + V_{Ed}$;
 $V_{ed} = \gamma_{Rd} (M_{C,Rd}^{Sup} + M_{C,Rd}^{Inf}) / l_p$);
 $\gamma_{Rd} = 1.0$;
 Valore massimo del taglio calcolato analizzando la struttura con lo spettro elastico.

Tagli Resistenti:

V_{RdXZ} : valore del Taglio X-Z resistente di calcolo;
 V_{RdXY} : valore del Taglio X-Y resistente di calcolo;

ϕ : diametro della staffa;
 N_{br} : numero di bracci di cui è composta la staffa;
 D_{Staffe} : interasse tra le staffe;
 L_{TR} : lunghezza dei tratti per cui si ha D_{staffe} ;
 S_{XY} : coefficiente di sicurezza relativo a V_{SdXY}
 S_{XZ} : coefficiente di sicurezza relativo a V_{SdXZ}
 Esito : Esito della verifica : V = VERIFICATA;
 : NV = NON VERIFICATA;
 : NV_min = Minimi di normativa non rispettati;

Tabella 41.I

Camp.	Asta	Imp.	Fili	Tipo Sez.	Cop. [cm]	Blocco	cot(θ)	Asag [cm²]	Tagli Sollecitanti		Tagli Resistenti		φ [mm]	N _{br}	D _{Staffe} [cm]	L _{tr} [cm]	S _{XY}	S _{XZ}	Esito
									V _{SdXY} [daN]	V _{SdXZ} [daN]	V _{Rdxy} [daN]	V _{RdXZ} [daN]							
1	88	PRIMO IMPALC ATO	1-2	6	2.5	Ini	2.5	0.00	0	1958	-	18497	8	2	5	25	-	9.44	V
						Med	2.5	0.00	0	2467	-	11562	8	2	16	350	-	4.69	V
						fin	2.5	0.00	0	2703	-	18497	8	2	5	25	-	6.84	V
2	89	PRIMO IMPALC ATO	7-1	5	2.5	Ini	2.5	0.00	0	11299	-	27606	8	4	5	25	-	2.44	V
						Med	2.5	0.00	0	10170	-	23123	8	4	16	430	-	2.27	V
						fin	2.5	0.00	0	10384	-	27606	8	4	5	25	-	2.66	V
3	90	PRIMO IMPALC ATO	1-19	5	2.5	Ini	2.5	0.00	0	2416	-	27870	8	4	5	25	-	11.54	V
						Med	2.5	0.00	0	5244	-	23123	8	4	16	70	-	4.41	V
						fin	2.5	0.00	0	7136	-	27870	8	4	5	25	-	3.91	V
4	91	PRIMO IMPALC ATO	31-1	6	2.5	Ini	2.5	0.00	0	4650	-	18614	8	2	5	25	-	4.00	V
						Med	2.5	0.00	0	4509	-	11562	8	2	16	70	-	2.56	V
						fin	2.5	0.00	0	4021	-	18614	8	2	5	25	-	4.63	V
5	92	PRIMO IMPALC ATO	2-3	6	2.5	Ini	2.5	0.00	0	2873	-	18536	8	2	5	25	-	6.45	V
						Med	2.5	0.00	0	2653	-	11562	8	2	16	450	-	4.36	V
						fin	2.5	0.00	0	3003	-	18536	8	2	5	25	-	6.17	V
6	93	PRIMO IMPALC ATO	8-2	5	2.5	Ini	2.5	0.00	0	13309	-	27589	8	4	5	25	-	2.07	V
						Med	2.5	0.00	0	12023	-	23123	8	4	16	440	-	1.92	V
						fin	2.5	0.00	0	11883	-	27589	8	4	5	25	-	2.32	V
7	94	PRIMO IMPALC ATO	2-20	5	2.5	Ini	2.5	0.00	0	5163	-	27598	8	4	5	25	-	5.35	V
						Med	2.5	0.00	0	3698	-	23123	8	4	16	70	-	6.25	V
						fin	2.5	0.00	0	3551	-	27598	8	4	5	25	-	7.77	V
8	95	PRIMO IMPALC ATO	3-4	6	2.5	Ini	2.5	0.00	0	3249	-	18407	8	2	5	25	-	5.67	V
						Med	2.5	0.00	0	2959	-	11562	8	2	16	450	-	3.91	V
						fin	2.5	0.00	0	3251	-	18407	8	2	5	25	-	5.66	V
9	101	PRIMO IMPALC ATO	3-21	5	2.5	Ini	2.5	0.00	0	3427	-	27730	8	4	5	25	-	8.09	V
						Med	2.5	0.00	0	2842	-	23123	8	4	16	70	-	8.14	V
						fin	2.5	0.00	0	5712	-	27730	8	4	5	25	-	4.85	V
10	102	PRIMO IMPALC ATO	41-3	5	2.5	Ini	2.5	0.00	0	12158	-	28166	8	4	5	120	-	2.32	V
11	104	PRIMO IMPALC ATO	4-5	6	2.5	Ini	2.5	0.00	0	3005	-	18531	8	2	5	25	-	6.17	V
						Med	2.5	0.00	0	2715	-	11562	8	2	16	450	-	4.26	V
						fin	2.5	0.00	0	2870	-	18531	8	2	5	25	-	6.46	V
12	105	PRIMO IMPALC ATO	4-22	5	2.5	Ini	2.5	0.00	0	3404	-	27731	8	4	5	25	-	8.15	V
						Med	2.5	0.00	0	2847	-	23123	8	4	16	70	-	8.12	V

13	106	PRIMO IMPALC ATO	42-4	5	2.5	fin	2.5	0.00	0	5698	-	27731	8	4	5	25	-	4.87	V
						Ini	2.5	0.00	0	12090	-	28167	8	4	5	120	-	2.33	V
14	108	PRIMO IMPALC ATO	5-6	6	2.5	Ini	2.5	0.00	0	2711	-	18499	8	2	5	25	-	6.82	V
						Med	2.5	0.00	0	2416	-	11562	8	2	16	350	-	4.79	V
						fin	2.5	0.00	0	1951	-	18499	8	2	5	25	-	9.48	V
15	109	PRIMO IMPALC ATO	11-5	5	2.5	Ini	2.5	0.00	0	13332	-	27592	8	4	5	25	-	2.07	V
						Med	2.5	0.00	0	12044	-	23123	8	4	16	440	-	1.92	V
						fin	2.5	0.00	0	11901	-	27592	8	4	5	25	-	2.32	V
16	110	PRIMO IMPALC ATO	5-23	5	2.5	Ini	2.5	0.00	0	5118	-	27600	8	4	5	25	-	5.39	V
						Med	2.5	0.00	0	3647	-	23123	8	4	16	70	-	6.34	V
						fin	2.5	0.00	0	3585	-	27600	8	4	5	25	-	7.70	V
17	111	PRIMO IMPALC ATO	12-6	5	2.5	Ini	2.5	0.00	0	11379	-	27597	8	4	5	25	-	2.43	V
						Med	2.5	0.00	0	10242	-	23123	8	4	16	430	-	2.26	V
						fin	2.5	0.00	0	10451	-	27597	8	4	5	25	-	2.64	V
18	112	PRIMO IMPALC ATO	6-24	5	2.5	Ini	2.5	0.00	0	2424	-	27877	8	4	5	25	-	11.50	V
						Med	2.5	0.00	0	5325	-	23123	8	4	16	70	-	4.34	V
						fin	2.5	0.00	0	7245	-	27877	8	4	5	25	-	3.85	V
19	113	PRIMO IMPALC ATO	6-36	6	2.5	Ini	2.5	0.00	0	4236	-	18605	8	2	5	25	-	4.39	V
						Med	2.5	0.00	0	4607	-	11562	8	2	16	70	-	2.51	V
						fin	2.5	0.00	0	4866	-	18605	8	2	5	25	-	3.82	V
20	114	PRIMO IMPALC ATO	7-8	6	2.5	Ini	2.5	0.00	0	661	-	18387	8	2	5	25	-	27.81	V
						Med	2.5	0.00	0	1593	-	11562	8	2	16	350	-	7.26	V
						fin	2.5	0.00	0	1734	-	18387	8	2	5	25	-	10.60	V
21	115	PRIMO IMPALC ATO	13-7	5	2.5	Ini	2.5	0.00	0	9571	-	27676	8	4	5	25	-	2.89	V
						Med	2.5	0.00	0	9237	-	23123	8	4	16	390	-	2.50	V
						fin	2.5	0.00	0	10823	-	27676	8	4	5	25	-	2.56	V
22	116	PRIMO IMPALC ATO	32-7	6	2.5	Ini	2.5	0.00	0	5094	-	18523	8	2	5	25	-	3.64	V
						Med	2.5	0.00	0	4953	-	11562	8	2	16	70	-	2.33	V
						fin	2.5	0.00	0	4465	-	18523	8	2	5	25	-	4.15	V
23	117	PRIMO IMPALC ATO	8-9	6	2.5	Ini	2.5	0.00	0	1557	-	18391	8	2	5	25	-	11.81	V
						Med	2.5	0.00	0	1416	-	11562	8	2	16	460	-	8.17	V
						fin	2.5	0.00	0	1324	-	18391	8	2	5	25	-	13.89	V
24	118	PRIMO IMPALC ATO	14-8	5	2.5	Ini	2.5	0.00	0	11029	-	27587	8	4	5	25	-	2.50	V
						Med	2.5	0.00	0	11621	-	23123	8	4	16	410	-	1.99	V
						fin	2.5	0.00	0	12923	-	27587	8	4	5	25	-	2.13	V
25	119	PRIMO IMPALC ATO	9-10	6	2.5	Ini	2.5	0.00	0	1458	-	18433	8	2	5	25	-	12.64	V
						Med	2.5	0.00	0	1317	-	11562	8	2	16	450	-	8.78	V
						fin	2.5	0.00	0	1454	-	18434	8	2	5	25	-	12.68	V
26	125	PRIMO IMPALC ATO	15-9	5	2.5	Ini	2.5	0.00	0	14047	-	27675	8	4	5	25	-	1.97	V
						Med	2.5	0.00	0	13885	-	23123	8	4	16	390	-	1.67	V
						fin	2.5	0.00	0	15567	-	27675	8	4	5	25	-	1.78	V
27	126	PRIMO IMPALC ATO	9-41	5	2.5	Ini	2.5	0.00	0	7771	-	28078	8	4	5	50	-	3.61	V
						Med	2.5	0.00	0	5797	-	23123	8	4	16	210	-	3.99	V
						fin	2.5	0.00	0	1296	-	27892	8	4	5	50	-	21.53	V
28	130	PRIMO IMPALC ATO	10-11	6	2.5	Ini	2.5	0.00	0	1326	-	18392	8	2	5	25	-	13.87	V
						Med	2.5	0.00	0	1414	-	11562	8	2	16	460	-	8.18	V
						fin	2.5	0.00	0	1556	-	18392	8	2	5	25	-	11.82	V
29	131	PRIMO IMPALC ATO	16-10	5	2.5	Ini	2.5	0.00	0	14012	-	27677	8	4	5	25	-	1.98	V
						Med	2.5	0.00	0	13853	-	23123	8	4	16	390	-	1.67	V
						fin	2.5	0.00	0	15531	-	27677	8	4	5	25	-	1.78	V
30	132	PRIMO IMPALC ATO	10-42	5	2.5	Ini	2.5	0.00	0	7764	-	28078	8	4	5	50	-	3.62	V
						Med	2.5	0.00	0	5805	-	23123	8	4	16	210	-	3.98	V
						fin	2.5	0.00	0	1300	-	27893	8	4	5	50	-	21.45	V
31	136	PRIMO IMPALC ATO	11-12	6	2.5	Ini	2.5	0.00	0	1740	-	18386	8	2	5	25	-	10.57	V
						Med	2.5	0.00	0	1598	-	11562	8	2	16	350	-	7.23	V
						fin	2.5	0.00	0	658	-	18386	8	2	5	25	-	27.93	V
32	137	PRIMO IMPALC ATO	17-11	5	2.5	Ini	2.5	0.00	0	10990	-	27587	8	4	5	25	-	2.51	V
						Med	2.5	0.00	0	11586	-	23123	8	4	16	410	-	2.00	V

33	138	PRIMO IMPALC ATO	18-12	5	2.5	fin	2.5	0.00	0	12883	-	27587	8	4	5	25	-	2.14	V
						Ini	2.5	0.00	0	9574	-	27670	8	4	5	25	-	2.89	V
						Med	2.5	0.00	0	9234	-	23123	8	4	16	390	-	2.50	V
34	139	PRIMO IMPALC ATO	12-37	6	2.5	fin	2.5	0.00	0	10820	-	27670	8	4	5	25	-	2.56	V
						Ini	2.5	0.00	0	4518	-	18525	8	2	5	25	-	4.10	V
						Med	2.5	0.00	0	4889	-	11562	8	2	16	70	-	2.36	V
35	140	PRIMO IMPALC ATO	13-14	6	2.5	fin	2.5	0.00	0	5147	-	18525	8	2	5	25	-	3.60	V
						Ini	2.5	0.00	0	1892	-	18404	8	2	5	25	-	9.72	V
						Med	2.5	0.00	0	2537	-	11562	8	2	16	350	-	4.56	V
36	141	PRIMO IMPALC ATO	25-13	5	2.5	fin	2.5	0.00	0	2773	-	18404	8	2	5	25	-	6.64	V
						Ini	2.5	0.00	0	6928	-	27792	8	4	5	25	-	4.01	V
						Med	2.5	0.00	0	5757	-	23123	8	4	16	70	-	4.02	V
37	142	PRIMO IMPALC ATO	33-13	6	2.5	fin	2.5	0.00	0	2278	-	27792	8	4	5	25	-	12.20	V
						Ini	2.5	0.00	0	4761	-	18563	8	2	5	25	-	3.90	V
						Med	2.5	0.00	0	4620	-	11562	8	2	16	70	-	2.50	V
38	143	PRIMO IMPALC ATO	14-15	6	2.5	fin	2.5	0.00	0	4132	-	18563	8	2	5	25	-	4.49	V
						Ini	2.5	0.00	0	3031	-	18417	8	2	5	25	-	6.08	V
						Med	2.5	0.00	0	2742	-	11562	8	2	16	440	-	4.22	V
39	144	PRIMO IMPALC ATO	26-14	5	2.5	fin	2.5	0.00	0	2750	-	18417	8	2	5	25	-	6.70	V
						Ini	2.5	0.00	0	3335	-	27589	8	4	5	25	-	8.27	V
						Med	2.5	0.00	0	3031	-	23123	8	4	16	70	-	7.63	V
40	145	PRIMO IMPALC ATO	15-16	6	2.5	fin	2.5	0.00	0	6095	-	27589	8	4	5	25	-	4.53	V
						Ini	2.5	0.00	0	1384	-	18399	8	2	5	25	-	13.29	V
						Med	2.5	0.00	0	1300	-	11562	8	2	16	450	-	8.90	V
41	146	PRIMO IMPALC ATO	27-15	5	2.5	fin	2.5	0.00	0	1384	-	18399	8	2	5	25	-	13.29	V
						Ini	2.5	0.00	0	7422	-	27725	8	4	5	25	-	3.74	V
						Med	2.5	0.00	0	5515	-	23123	8	4	16	70	-	4.19	V
42	147	PRIMO IMPALC ATO	16-17	6	2.5	fin	2.5	0.00	0	4991	-	27725	8	4	5	25	-	5.55	V
						Ini	2.5	0.00	0	2750	-	18418	8	2	5	25	-	6.70	V
						Med	2.5	0.00	0	2625	-	11562	8	2	16	440	-	4.40	V
43	148	PRIMO IMPALC ATO	28-16	5	2.5	fin	2.5	0.00	0	3030	-	18418	8	2	5	25	-	6.08	V
						Ini	2.5	0.00	0	7395	-	27723	8	4	5	25	-	3.75	V
						Med	2.5	0.00	0	5495	-	23123	8	4	16	70	-	4.21	V
44	149	PRIMO IMPALC ATO	17-18	6	2.5	fin	2.5	0.00	0	4985	-	27723	8	4	5	25	-	5.56	V
						Ini	2.5	0.00	0	2775	-	18405	8	2	5	25	-	6.63	V
						Med	2.5	0.00	0	2480	-	11562	8	2	16	350	-	4.66	V
45	150	PRIMO IMPALC ATO	29-17	5	2.5	fin	2.5	0.00	0	1891	-	18405	8	2	5	25	-	9.73	V
						Ini	2.5	0.00	0	3329	-	27589	8	4	5	25	-	8.29	V
						Med	2.5	0.00	0	3025	-	23123	8	4	16	70	-	7.64	V
46	151	PRIMO IMPALC ATO	30-18	5	2.5	fin	2.5	0.00	0	6083	-	27589	8	4	5	25	-	4.54	V
						Ini	2.5	0.00	0	6935	-	27794	8	4	5	25	-	4.01	V
						Med	2.5	0.00	0	5764	-	23123	8	4	16	70	-	4.01	V
47	152	PRIMO IMPALC ATO	18-38	6	2.5	fin	2.5	0.00	0	2280	-	27794	8	4	5	25	-	12.19	V
						Ini	2.5	0.00	0	4123	-	18563	8	2	5	25	-	4.50	V
						Med	2.5	0.00	0	4494	-	11562	8	2	16	70	-	2.57	V
48	153	PRIMO IMPALC ATO	19-20	7	2.5	fin	2.5	0.00	0	4752	-	18563	8	2	5	25	-	3.91	V
						Ini	2.5	0.00	0	355	-	9192	8	2	5	25	-	25.91	V
						Med	2.5	0.00	0	232	-	9284	8	2	16	320	-	40.06	V
49	156	PRIMO IMPALC ATO	34-19	7	2.5	fin	2.5	0.00	0	452	-	9284	8	2	5	25	-	20.54	V
						Ini	2.5	0.00	0	470	-	9263	8	2	5	25	-	19.73	V
						Med	2.5	0.00	0	421	-	9226	8	2	16	70	-	21.92	V
50	157	PRIMO IMPALC ATO	20-21	7	2.5	fin	2.5	0.00	0	717	-	9263	8	2	5	25	-	12.91	V
						Ini	2.5	0.00	0	507	-	9295	8	2	5	25	-	18.33	V
						Med	2.5	0.00	0	270	-	9317	8	2	16	400	-	34.47	V
51	161	PRIMO IMPALC ATO	21-22	7	2.5	fin	2.5	0.00	0	512	-	9276	8	2	5	25	-	18.11	V
						Ini	2.5	0.00	0	360	-	9257	8	2	5	25	-	25.70	V
						Med	2.5	0.00	0	360	-	9257	8	2	16	450	-	25.70	V
52	165	PRIMO IMPALC ATO	22-23	7	2.5	fin	2.5	0.00	0	359	-	9252	8	2	5	25	-	25.76	V
						Ini	2.5	0.00	0	511	-	9268	8	2	5	25	-	18.12	V
						Med	2.5	0.00	0	360	-	9257	8	2	16	450	-	25.70	V

		ATO				Med	2.5	0.00	0	441	-	9306	8	2	16	400	-	21.11	V
						fin	2.5	0.00	0	507	-	9280	8	2	5	25	-	18.30	V
53	169	PRIMO IMPALC ATO	23-24	7	2.5	Ini	2.5	0.00	0	452	-	9268	8	2	5	25	-	20.48	V
						Med	2.5	0.00	0	346	-	9268	8	2	16	320	-	26.81	V
						fin	2.5	0.00	0	363	-	9197	8	2	5	25	-	25.37	V
54	172	PRIMO IMPALC ATO	24-39	7	2.5	Ini	2.5	0.00	0	696	-	9252	8	2	5	25	-	13.29	V
						Med	2.5	0.00	0	435	-	9221	8	2	16	70	-	21.20	V
						fin	2.5	0.00	0	448	-	9252	8	2	5	25	-	20.64	V
55	173	PRIMO IMPALC ATO	25-26	7	2.5	Ini	2.5	0.00	0	335	-	9215	8	2	5	25	-	27.52	V
						Med	2.5	0.00	0	213	-	9230	8	2	16	320	-	43.24	V
						fin	2.5	0.00	0	478	-	9230	8	2	5	25	-	19.32	V
56	176	PRIMO IMPALC ATO	35-25	7	2.5	Ini	2.5	0.00	0	410	-	9261	8	2	5	25	-	22.57	V
						Med	2.5	0.00	0	363	-	9227	8	2	16	70	-	25.39	V
						fin	2.5	0.00	0	658	-	9261	8	2	5	25	-	14.07	V
57	177	PRIMO IMPALC ATO	26-27	7	2.5	Ini	2.5	0.00	0	455	-	9238	8	2	5	25	-	20.30	V
						Med	2.5	0.00	0	237	-	9241	8	2	16	400	-	39.00	V
						fin	2.5	0.00	0	392	-	9192	8	2	5	25	-	23.46	V
58	181	PRIMO IMPALC ATO	27-28	7	2.5	Ini	2.5	0.00	0	641	-	9207	8	2	5	25	-	14.36	V
						Med	2.5	0.00	0	341	-	9196	8	2	16	450	-	26.96	V
						fin	2.5	0.00	0	640	-	9206	8	2	5	25	-	14.37	V
59	185	PRIMO IMPALC ATO	28-29	7	2.5	Ini	2.5	0.00	0	393	-	9190	8	2	5	25	-	23.41	V
						Med	2.5	0.00	0	209	-	9257	8	2	16	400	-	44.33	V
						fin	2.5	0.00	0	455	-	9241	8	2	5	25	-	20.33	V
60	189	PRIMO IMPALC ATO	29-30	7	2.5	Ini	2.5	0.00	0	478	-	9234	8	2	5	25	-	19.31	V
						Med	2.5	0.00	0	320	-	9234	8	2	16	320	-	28.83	V
						fin	2.5	0.00	0	336	-	9213	8	2	5	25	-	27.46	V
61	192	PRIMO IMPALC ATO	30-40	7	2.5	Ini	2.5	0.00	0	659	-	9261	8	2	5	25	-	14.05	V
						Med	2.5	0.00	0	400	-	9226	8	2	16	70	-	23.09	V
						fin	2.5	0.00	0	411	-	9261	8	2	5	25	-	22.52	V
62	193	PRIMO IMPALC ATO	32-31	7	2.5	Ini	2.5	0.00	0	386	-	9247	8	2	5	25	-	23.96	V
						Med	2.5	0.00	0	490	-	9247	8	2	16	430	-	18.88	V
						fin	2.5	0.00	0	424	-	9202	8	2	5	25	-	21.72	V
63	197	PRIMO IMPALC ATO	31-34	7	2.5	Ini	2.5	0.00	0	1460	-	9243	8	2	5	25	-	6.33	V
						Med	2.5	0.00	0	1096	-	9217	8	2	16	70	-	8.41	V
						fin	2.5	0.00	0	577	-	9243	8	2	5	25	-	16.03	V
64	198	PRIMO IMPALC ATO	33-32	7	2.5	Ini	2.5	0.00	0	468	-	9191	8	2	5	25	-	19.62	V
						Med	2.5	0.00	0	438	-	9251	8	2	16	390	-	21.12	V
						fin	2.5	0.00	0	304	-	9251	8	2	5	25	-	30.40	V
65	202	PRIMO IMPALC ATO	35-33	7	2.5	Ini	2.5	0.00	0	423	-	9241	8	2	5	25	-	21.84	V
						Med	2.5	0.00	0	558	-	9218	8	2	16	70	-	16.52	V
						fin	2.5	0.00	0	685	-	9241	8	2	5	25	-	13.49	V
66	203	PRIMO IMPALC ATO	37-36	7	2.5	Ini	2.5	0.00	0	384	-	9238	8	2	5	25	-	24.06	V
						Med	2.5	0.00	0	576	-	9238	8	2	16	430	-	16.03	V
						fin	2.5	0.00	0	483	-	9203	8	2	5	25	-	19.04	V
67	207	PRIMO IMPALC ATO	36-39	7	2.5	Ini	2.5	0.00	0	706	-	9233	8	2	5	25	-	13.08	V
						Med	2.5	0.00	0	635	-	9213	8	2	16	70	-	14.51	V
						fin	2.5	0.00	0	437	-	9233	8	2	5	25	-	21.12	V
68	208	PRIMO IMPALC ATO	38-37	7	2.5	Ini	2.5	0.00	0	468	-	9190	8	2	5	25	-	19.63	V
						Med	2.5	0.00	0	438	-	9243	8	2	16	390	-	21.12	V
						fin	2.5	0.00	0	305	-	9243	8	2	5	25	-	30.31	V
69	212	PRIMO IMPALC ATO	40-38	7	2.5	Ini	2.5	0.00	0	423	-	9242	8	2	5	25	-	21.86	V
						Med	2.5	0.00	0	557	-	9218	8	2	16	70	-	16.54	V
						fin	2.5	0.00	0	685	-	9242	8	2	5	25	-	13.50	V
70	231	SECON DO IMPALC ATO	1-2	8	2.5	Ini	2.5	0.00	0	1866	-	34168	8	4	6	30	-	18.31	V
						Med	2.5	0.00	0	2942	-	22924	8	4	20	340	-	7.79	V
						fin	2.5	0.00	0	3668	-	34168	8	4	6	30	-	9.31	V
71	232	SECON DO IMPALC ATO	7-1	8	2.5	Ini	2.5	0.00	0	13167	-	34633	8	4	6	30	-	2.63	V

						Med	2.5	0.00	0	11664	-	22924	8	4	20	430	-	1.97	V
						fin	2.5	0.00	0	11381	-	34633	8	4	6	30	-	3.04	V
72	233	SECON DO IMPALC ATO	2-3	8	2.5	Ini	2.5	0.00	0	4313	-	34324	8	4	6	30	-	7.96	V
						Med	2.5	0.00	0	4056	-	22924	8	4	20	420	-	5.65	V
						fin	2.5	0.00	0	839	-	34324	8	4	6	30	-	40.90	V
73	234	SECON DO IMPALC ATO	3-4	8	2.5	Ini	2.5	0.00	0	2136	-	34180	8	4	6	30	-	16.00	V
						Med	2.5	0.00	0	1883	-	22924	8	4	20	440	-	12.18	V
						fin	2.5	0.00	0	2139	-	34180	8	4	6	30	-	15.98	V
74	235	SECON DO IMPALC ATO	41-3	8	2.5	Ini	2.5	0.00	0	14859	-	34233	8	4	6	30	-	2.30	V
						Med	2.5	0.00	0	12675	-	22924	8	4	20	50	-	1.81	V
						fin	2.5	0.00	0	5828	-	34233	8	4	6	30	-	5.87	V
75	236	SECON DO IMPALC ATO	4-5	8	2.5	Ini	2.5	0.00	0	842	-	34326	8	4	6	30	-	40.77	V
						Med	2.5	0.00	0	3537	-	22924	8	4	20	420	-	6.48	V
						fin	2.5	0.00	0	4308	-	34326	8	4	6	30	-	7.97	V
76	237	SECON DO IMPALC ATO	42-4	8	2.5	Ini	2.5	0.00	0	14867	-	34234	8	4	6	30	-	2.30	V
						Med	2.5	0.00	0	12683	-	22924	8	4	20	50	-	1.81	V
						fin	2.5	0.00	0	5836	-	34234	8	4	6	30	-	5.87	V
77	238	SECON DO IMPALC ATO	5-6	8	2.5	Ini	2.5	0.00	0	3666	-	34170	8	4	6	30	-	9.32	V
						Med	2.5	0.00	0	2937	-	22924	8	4	20	340	-	7.80	V
						fin	2.5	0.00	0	1868	-	34170	8	4	6	30	-	18.29	V
78	239	SECON DO IMPALC ATO	12-6	8	2.5	Ini	2.5	0.00	0	13164	-	34635	8	4	6	30	-	2.63	V
						Med	2.5	0.00	0	11661	-	22924	8	4	20	430	-	1.97	V
						fin	2.5	0.00	0	11384	-	34635	8	4	6	30	-	3.04	V
79	240	SECON DO IMPALC ATO	13-7	8	2.5	Ini	2.5	0.00	0	9882	-	34637	8	4	6	30	-	3.51	V
						Med	2.5	0.00	0	11438	-	22924	8	4	20	400	-	2.00	V
						fin	2.5	0.00	0	12925	-	34637	8	4	6	30	-	2.68	V
80	241	SECON DO IMPALC ATO	9-10	8	2.5	Ini	2.5	0.00	0	2799	-	34359	8	4	6	30	-	12.28	V
						Med	2.5	0.00	0	1881	-	22924	8	4	20	440	-	12.19	V
						fin	2.5	0.00	0	2799	-	34359	8	4	6	30	-	12.28	V
81	242	SECON DO IMPALC ATO	15-9	8	2.5	Ini	2.5	0.00	0	13344	-	34730	8	4	6	30	-	2.60	V
						Med	2.5	0.00	0	14672	-	22924	8	4	20	380	-	1.56	V
						fin	2.5	0.00	0	16722	-	34730	8	4	6	30	-	2.08	V
82	243	SECON DO IMPALC ATO	9-41	8	2.5	Ini	2.5	0.00	0	11396	-	34410	8	4	6	30	-	3.02	V
						Med	2.5	0.00	0	9271	-	22924	8	4	20	250	-	2.47	V
						fin	2.5	0.00	0	10569	-	34410	8	4	6	30	-	3.26	V
83	244	SECON DO IMPALC ATO	16-10	8	2.5	Ini	2.5	0.00	0	13344	-	34728	8	4	6	30	-	2.60	V
						Med	2.5	0.00	0	14672	-	22924	8	4	20	380	-	1.56	V
						fin	2.5	0.00	0	16722	-	34728	8	4	6	30	-	2.08	V
84	245	SECON DO IMPALC ATO	10-42	8	2.5	Ini	2.5	0.00	0	11393	-	34410	8	4	6	30	-	3.02	V
						Med	2.5	0.00	0	9267	-	22924	8	4	20	250	-	2.47	V
						fin	2.5	0.00	0	10572	-	34410	8	4	6	30	-	3.25	V
85	246	SECON DO IMPALC ATO	18-12	8	2.5	Ini	2.5	0.00	0	9886	-	34638	8	4	6	30	-	3.50	V
						Med	2.5	0.00	0	11434	-	22924	8	4	20	400	-	2.00	V
						fin	2.5	0.00	0	12921	-	34638	8	4	6	30	-	2.68	V
86	247	SECON DO IMPALC ATO	13-14	8	2.5	Ini	2.5	0.00	0	2335	-	34265	8	4	6	30	-	14.68	V
						Med	2.5	0.00	0	1971	-	22924	8	4	20	340	-	11.63	V
						fin	2.5	0.00	0	2974	-	34265	8	4	6	30	-	11.52	V
87	248	SECON DO IMPALC ATO	14-15	8	2.5	Ini	2.5	0.00	0	2367	-	34272	8	4	6	30	-	14.48	V
						Med	2.5	0.00	0	2110	-	22924	8	4	20	450	-	10.86	V
						fin	2.5	0.00	0	2087	-	34272	8	4	6	30	-	16.42	V

88	249	SECONDO IMPALCATO	15-16	8	2.5	Ini	2.5	0.00	0	2444	-	34288	8	4	6	30	-	14.03	V
						Med	2.5	0.00	0	1881	-	22924	8	4	20	440	-	12.19	V
						fin	2.5	0.00	0	2444	-	34288	8	4	6	30	-	14.03	V
89	250	SECONDO IMPALCATO	16-17	8	2.5	Ini	2.5	0.00	0	2088	-	34271	8	4	6	30	-	16.42	V
						Med	2.5	0.00	0	2109	-	22924	8	4	20	450	-	10.87	V
						fin	2.5	0.00	0	2366	-	34271	8	4	6	30	-	14.49	V
90	251	SECONDO IMPALCATO	17-18	8	2.5	Ini	2.5	0.00	0	2976	-	34266	8	4	6	30	-	11.51	V
						Med	2.5	0.00	0	1975	-	22924	8	4	20	340	-	11.61	V
						fin	2.5	0.00	0	2333	-	34266	8	4	6	30	-	14.69	V
91	252	SECONDO IMPALCATO	41-42	8	2.5	Ini	2.5	0.00	0	2515	-	34498	8	4	6	30	-	13.72	V
						Med	2.5	0.00	0	1882	-	22924	8	4	20	440	-	12.18	V
						fin	2.5	0.00	0	2516	-	34498	8	4	6	30	-	13.71	V

2.4.2.1.3 Verifiche SLE - Deformabilità.

Campata	: campata alla quale appartengono le aste riportate;
Asta	: numerazione interna dell'asta;
Imp.	: impalcato al quale appartiene l'asta considerata;
Fili	: fili fissi ai quali appartiene l'asta considerata;
Tipo Sez.	: tipo di sezione dell'asta considerata;
Cop	: distanza tra la superficie esterna dell'armatura più prossima alla superficie del calcestruzzo e la superficie stessa del calcestruzzo;
Comb	: tipo di combinazione a cui la verifica è riferita;
L_c	: Lunghezza della Campata
f/l	: rapporto freccia/lunghezza;
f_{lim}	: valore limite del rapporto freccia/lunghezza;
S	: valore del coefficiente di sicurezza della sezione;
Esito	: Esito della verifica : V = VERIFICATA; : NV = NON VERIFICATA;

Tabella 42.I

Campata	Asta	Imp.	Fili	Tipo Sez.	Cop [cm]	Comb.	L_c [cm]	f/l	f_{lim}	S	Esito
1	88	PRIMO IMPALCATO	1-2	6	2.5	Caratt.	435	0.00019	0.00200	10.57	V
2	89	PRIMO IMPALCATO	7-1	5	2.5	Caratt.	520	0.00097	0.00200	2.07	V
3	90	PRIMO IMPALCATO	1-19	5	2.5	Caratt.	150	0.00010	0.00200	20.00	V
4	91	PRIMO IMPALCATO	31-1	6	2.5	Caratt.	145	0.00010	0.00200	20.00	V
5	92	PRIMO IMPALCATO	2-3	6	2.5	Caratt.	535	0.00010	0.00200	20.00	V
6	93	PRIMO IMPALCATO	8-2	5	2.5	Caratt.	520	0.00099	0.00200	2.03	V
7	94	PRIMO IMPALCATO	2-20	5	2.5	Caratt.	145	0.00010	0.00200	20.00	V
8	95	PRIMO IMPALCATO	3-4	6	2.5	Caratt.	530	0.00071	0.00200	2.83	V
9	101	PRIMO IMPALCATO	3-21	5	2.5	Caratt.	155	0.00010	0.00200	20.00	V
10	102	PRIMO IMPALCATO	41-3	5	2.5	Caratt.	165	0.00013	0.00200	15.68	V

11	104	PRIMO IMPALC ATO	4-5	6	2.5	Caratt.	535	0.00010	0.00200	20.00	V
12	105	PRIMO IMPALC ATO	4-22	5	2.5	Caratt.	155	0.00010	0.00200	20.00	V
13	106	PRIMO IMPALC ATO	42-4	5	2.5	Caratt.	165	0.00013	0.00200	15.68	V
14	108	PRIMO IMPALC ATO	5-6	6	2.5	Caratt.	435	0.00027	0.00200	7.36	V
15	109	PRIMO IMPALC ATO	11-5	5	2.5	Caratt.	520	0.00099	0.00200	2.02	V
16	110	PRIMO IMPALC ATO	5-23	5	2.5	Caratt.	145	0.00010	0.00200	20.00	V
17	111	PRIMO IMPALC ATO	12-6	5	2.5	Caratt.	520	0.00097	0.00200	2.05	V
18	112	PRIMO IMPALC ATO	6-24	5	2.5	Caratt.	150	0.00010	0.00200	20.00	V
19	113	PRIMO IMPALC ATO	6-36	6	2.5	Caratt.	145	0.00010	0.00200	20.00	V
20	114	PRIMO IMPALC ATO	7-8	6	2.5	Caratt.	430	0.00010	0.00200	20.00	V
21	115	PRIMO IMPALC ATO	13-7	5	2.5	Caratt.	480	0.00086	0.00200	2.33	V
22	116	PRIMO IMPALC ATO	32-7	6	2.5	Caratt.	145	0.00010	0.00200	20.00	V
23	117	PRIMO IMPALC ATO	8-9	6	2.5	Caratt.	540	0.00010	0.00200	20.00	V
24	118	PRIMO IMPALC ATO	14-8	5	2.5	Caratt.	490	0.00080	0.00200	2.50	V
25	119	PRIMO IMPALC ATO	9-10	6	2.5	Caratt.	530	0.00058	0.00200	3.44	V
26	125	PRIMO IMPALC ATO	15-9	5	2.5	Caratt.	480	0.00081	0.00200	2.47	V
27	126	PRIMO IMPALC ATO	9-41	5	2.5	Caratt.	355	0.00067	0.00200	2.97	V
28	130	PRIMO IMPALC ATO	10-11	6	2.5	Caratt.	540	0.00010	0.00200	20.00	V
29	131	PRIMO IMPALC ATO	16-10	5	2.5	Caratt.	480	0.00081	0.00200	2.48	V
30	132	PRIMO IMPALC ATO	10-42	5	2.5	Caratt.	355	0.00067	0.00200	2.98	V
31	136	PRIMO IMPALC ATO	11-12	6	2.5	Caratt.	430	0.00012	0.00200	17.23	V
32	137	PRIMO IMPALC ATO	17-11	5	2.5	Caratt.	490	0.00079	0.00200	2.52	V
33	138	PRIMO IMPALC ATO	18-12	5	2.5	Caratt.	480	0.00086	0.00200	2.33	V
34	139	PRIMO IMPALC ATO	12-37	6	2.5	Caratt.	145	0.00010	0.00200	20.00	V
35	140	PRIMO IMPALC ATO	13-14	6	2.5	Caratt.	435	0.00016	0.00200	12.28	V

36	141	PRIMO IMPALC ATO	25-13	5	2.5	Caratt.	150	0.00010	0.00200	20.00	V
37	142	PRIMO IMPALC ATO	33-13	6	2.5	Caratt.	145	0.00010	0.00200	20.00	V
38	143	PRIMO IMPALC ATO	14-15	6	2.5	Caratt.	530	0.00039	0.00200	5.08	V
39	144	PRIMO IMPALC ATO	26-14	5	2.5	Caratt.	145	0.00010	0.00200	20.00	V
40	145	PRIMO IMPALC ATO	15-16	6	2.5	Caratt.	540	0.00010	0.00200	20.00	V
41	146	PRIMO IMPALC ATO	27-15	5	2.5	Caratt.	145	0.00010	0.00200	20.00	V
42	147	PRIMO IMPALC ATO	16-17	6	2.5	Caratt.	530	0.00033	0.00200	6.04	V
43	148	PRIMO IMPALC ATO	28-16	5	2.5	Caratt.	145	0.00010	0.00200	20.00	V
44	149	PRIMO IMPALC ATO	17-18	6	2.5	Caratt.	435	0.00021	0.00200	9.55	V
45	150	PRIMO IMPALC ATO	29-17	5	2.5	Caratt.	145	0.00010	0.00200	20.00	V
46	151	PRIMO IMPALC ATO	30-18	5	2.5	Caratt.	150	0.00010	0.00200	20.00	V
47	152	PRIMO IMPALC ATO	18-38	6	2.5	Caratt.	145	0.00010	0.00200	20.00	V
70	231	SECOND O IMPALC ATO	1-2	8	2.5	Caratt.	430	0.00010	0.00200	20.00	V
71	232	SECOND O IMPALC ATO	7-1	8	2.5	Caratt.	520	0.00078	0.00200	2.57	V
72	233	SECOND O IMPALC ATO	2-3	8	2.5	Caratt.	525	0.00015	0.00200	13.38	V
73	234	SECOND O IMPALC ATO	3-4	8	2.5	Caratt.	560	0.00078	0.00200	2.57	V
74	235	SECOND O IMPALC ATO	41-3	8	2.5	Caratt.	160	0.00010	0.00200	20.00	V
75	236	SECOND O IMPALC ATO	4-5	8	2.5	Caratt.	525	0.00010	0.00200	20.00	V
76	237	SECOND O IMPALC ATO	42-4	8	2.5	Caratt.	160	0.00010	0.00200	20.00	V
77	238	SECOND O IMPALC ATO	5-6	8	2.5	Caratt.	430	0.00010	0.00200	20.00	V
78	239	SECOND O IMPALC ATO	12-6	8	2.5	Caratt.	520	0.00078	0.00200	2.57	V
79	240	SECOND O IMPALC	13-7	8	2.5	Caratt.	490	0.00074	0.00200	2.71	V

		ATO									
80	241	SECOND O IMPALC ATO	9-10	8	2.5	Caratt.	530	0.00011	0.00200	19.02	V
81	242	SECOND O IMPALC ATO	15-9	8	2.5	Caratt.	480	0.00070	0.00200	2.85	V
82	243	SECOND O IMPALC ATO	9-41	8	2.5	Caratt.	350	0.00010	0.00200	20.00	V
83	244	SECOND O IMPALC ATO	16-10	8	2.5	Caratt.	480	0.00070	0.00200	2.85	V
84	245	SECOND O IMPALC ATO	10-42	8	2.5	Caratt.	350	0.00010	0.00200	20.00	V
85	246	SECOND O IMPALC ATO	18-12	8	2.5	Caratt.	490	0.00074	0.00200	2.71	V
86	247	SECOND O IMPALC ATO	13-14	8	2.5	Caratt.	430	0.00010	0.00200	20.00	V
87	248	SECOND O IMPALC ATO	14-15	8	2.5	Caratt.	540	0.00010	0.00200	20.00	V
88	249	SECOND O IMPALC ATO	15-16	8	2.5	Caratt.	530	0.00010	0.00200	20.00	V
89	250	SECOND O IMPALC ATO	16-17	8	2.5	Caratt.	540	0.00010	0.00200	20.00	V
90	251	SECOND O IMPALC ATO	17-18	8	2.5	Caratt.	430	0.00010	0.00200	20.00	V
91	252	SECOND O IMPALC ATO	41-42	8	2.5	Caratt.	530	0.00021	0.00200	9.40	V

2.4.2.1.4 Verifiche SLE - Stato Tensionale.

Camp : campata alla quale appartengono le aste riportate;
 Asta : numerazione interna dell'asta;
 Imp. : impalcato al quale appartiene l'asta considerata;
 Fili : fili fissi ai quali appartiene l'asta considerata;
 Tipo Sez. : tipo di sezione dell'asta considerata;
 Cop : distanza tra la superficie esterna dell'armatura più prossima alla superficie del calcestruzzo e la superficie stessa del calcestruzzo;
 Comb : tipo di combinazione a cui la verifica è riferita;
 X : distanza dal nodo iniziale misurata lungo l'asse dell'asta;

Azioni Sollecitanti:

N_{sd} : Sforzo Normale Sollecitante;
 M_{sdXZ} : valore del Momento Flettente X-Z sollecitante di calcolo;
 M_{sdXY} : valore del Momento Flettente X-Y sollecitante di calcolo;

Tensioni:

σ_c : tensioni d'esercizio del calcestruzzo;

σ_s : tensioni d'esercizio dell'acciaio;
Tensioni Limite:
 $\sigma_{c,lim}$: Tensioni limite del calcestruzzo;
 $\sigma_{s,lim}$: Tensioni limite dell'acciaio;

S : valore del coefficiente di sicurezza minimo della sezione;
Esito : Esito della verifica : V = VERIFICATA;
: NV = NON VERIFICATA;

Tabella 43.I

Camp	Asta	Imp.	Fili	Tipo Sez.	Cop [cm]	Comb	X [cm]	Azioni Sollecitanti			Tensioni		Tensioni Limite		S	Esito
								N _{sd} [daN]	M _{sdxz} [daNm]	M _{sdxy} [daNm]	σ_c [daN/cm ²]	σ_s [daN/cm ²]	$\sigma_{c,lim}$ [daN/cm ²]	$\sigma_{s,lim}$ [daN/cm ²]		
1	88	PRIMO IMPALCA TO	1-2	6	2.5	Caratt.	0	0	-308	-	11.55	-413.11	150.00	3600.00	8.71	V
							150	0	827	-	30.99	-1108.27	150.00	3600.00	3.25	V
							435	0	-1321	-	49.51	-1770.56	150.00	3600.00	2.03	V
						Q.Perm	0	0	-342	-	12.81	-458.16	112.50	3600.00	7.86	V
							150	0	785	-	29.42	-1052.19	112.50	3600.00	3.42	V
2	89	PRIMO IMPALCA TO	7-1	5	2.5	Caratt.	435	0	-1266	-	47.46	-1697.22	112.50	3600.00	2.12	V
							0	0	-5996	-	103.94	-2388.94	150.00	3600.00	1.44	V
							240	0	3945	-	79.03	-2165.95	150.00	3600.00	1.66	V
							520	0	-4460	-	87.00	-2452.53	150.00	3600.00	1.47	V
						Q.Perm	0	0	-4924	-	85.35	-1961.81	112.50	3600.00	1.32	V
3	90	PRIMO IMPALCA TO	1-19	5	2.5	Caratt.	240	0	3229	-	64.69	-1772.96	112.50	3600.00	1.74	V
							520	0	-3617	-	70.56	-1989.00	112.50	3600.00	1.59	V
							0	0	683	-	14.86	-464.10	150.00	3600.00	7.76	V
							105	0	-2274	-	49.51	-1546.02	150.00	3600.00	2.33	V
						Q.Perm	150	0	-3073	-	66.90	-2089.22	150.00	3600.00	1.72	V
4	91	PRIMO IMPALCA TO	31-1	6	2.5	Caratt.	0	0	542	-	11.79	-368.33	112.50	3600.00	9.54	V
							105	0	-1838	-	40.02	-1249.79	112.50	3600.00	2.81	V
							150	0	-2444	-	53.20	-1661.37	112.50	3600.00	2.11	V
							0	0	-2425	-	77.86	-2205.36	150.00	3600.00	1.63	V
						Q.Perm	15	0	-1860	-	59.72	-1691.66	150.00	3600.00	2.13	V
5	92	PRIMO IMPALCA TO	2-3	6	2.5	Caratt.	145	0	1739	-	63.04	-2338.53	150.00	3600.00	1.54	V
							0	0	-1945	-	62.43	-1768.47	112.50	3600.00	1.80	V
							15	0	-1501	-	48.18	-1364.73	112.50	3600.00	2.34	V
							145	0	1300	-	47.14	-1748.88	112.50	3600.00	2.06	V
						Q.Perm	0	0	-1660	-	53.29	-1509.37	150.00	3600.00	2.39	V
6	93	PRIMO IMPALCA TO	8-2	5	2.5	Caratt.	250	0	812	-	30.43	-1088.14	150.00	3600.00	3.31	V
							535	0	-1892	-	60.75	-1720.92	150.00	3600.00	2.09	V
						Q.Perm	0	0	-1614	-	51.83	-1468.03	112.50	3600.00	2.17	V
							250	0	823	-	30.85	-1103.17	112.50	3600.00	3.26	V
						Q.Perm	535	0	-1809	-	58.09	-1645.39	112.50	3600.00	1.94	V
7	94	PRIMO IMPALCA TO	2-20	5	2.5	Caratt.	0	0	-7643	-	118.76	-2396.06	150.00	3600.00	1.26	V
							245	0	4580	-	86.08	-2112.71	150.00	3600.00	1.70	V
							520	0	-5181	-	92.15	-2394.37	150.00	3600.00	1.50	V
						Q.Perm	0	0	-6324	-	98.27	-1982.63	112.50	3600.00	1.14	V
							245	0	3773	-	70.91	-1740.32	112.50	3600.00	1.59	V
8	95	PRIMO IMPALCA TO	3-4	6	2.5	Caratt.	520	0	-4224	-	75.15	-1952.50	112.50	3600.00	1.50	V
							0	0	-2062	-	44.88	-1401.45	150.00	3600.00	2.57	V
							15	0	-1463	-	31.86	-994.90	150.00	3600.00	3.62	V
							145	0	-865	-	18.83	-587.88	150.00	3600.00	6.12	V
						Q.Perm	0	0	-1720	-	37.44	-1169.31	112.50	3600.00	3.00	V
9	101	PRIMO IMPALCA TO	3-21	5	2.5	Caratt.	15	0	-1244	-	27.09	-846.03	112.50	3600.00	4.15	V
							145	0	-652	-	14.19	-443.10	112.50	3600.00	7.93	V
							0	0	-1706	-	63.95	-2286.69	150.00	3600.00	1.57	V
							250	0	1218	-	45.65	-1632.49	150.00	3600.00	2.21	V
						Q.Perm	530	0	-1707	-	63.97	-2287.65	150.00	3600.00	1.57	V
10	102	PRIMO IMPALCA TO	41-3	5	2.5	Caratt.	0	0	-1481	-	55.52	-1985.47	112.50	3600.00	1.81	V
							250	0	1023	-	38.34	-1370.98	112.50	3600.00	2.63	V
							530	0	-1482	-	55.55	-1986.53	112.50	3600.00	1.81	V
						Q.Perm	0	0	-1450	-	31.57	-985.95	150.00	3600.00	3.65	V
							105	0	-1944	-	42.33	-1321.90	150.00	3600.00	2.72	V
11	103	PRIMO IMPALCA TO	41-3	5	2.5	Caratt.	155	0	-2565	-	55.84	-1743.62	150.00	3600.00	2.06	V
							0	0	-1231	-	26.79	-836.73	112.50	3600.00	4.20	V
							105	0	-1594	-	34.69	-1083.39	112.50	3600.00	3.24	V
							155	0	-2069	-	45.04	-1406.36	112.50	3600.00	2.50	V
						Q.Perm	0	0	6825	-	107.13	-2395.59	150.00	3600.00	1.40	V
12	104	PRIMO IMPALCA TO	41-3	5	2.5	Caratt.	15	0	5977	-	93.82	-2097.95	150.00	3600.00	1.60	V
							165	0	-5632	-	90.20	-2248.51	150.00	3600.00	1.60	V
							0	0	5655	-	88.76	-1984.93	112.50	3600.00	1.27	V
							0	0	5655	-	88.76	-1984.93	112.50	3600.00	1.27	V
						Q.Perm	0	0	5655	-	88.76	-1984.93	112.50	3600.00	1.27	V

							15	0	4956	-	77.80	-1739.68	112.50	3600.00	1.45	V
							165	0	-4658	-	74.61	-1859.83	112.50	3600.00	1.51	V
11	104	PRIMO IMPALCA TO	4-5	6	2.5	Caratt.	0	0	-1897	-	60.90	-1725.09	150.00	3600.00	2.09	V
							250	0	812	-	30.44	-1088.42	150.00	3600.00	3.31	V
							535	0	-1655	-	53.12	-1504.75	150.00	3600.00	2.39	V
						Q.Perm	0	0	-1813	-	58.19	-1648.42	112.50	3600.00	1.93	V
							250	0	823	-	30.85	-1103.37	112.50	3600.00	3.26	V
							535	0	-1611	-	51.71	-1464.73	112.50	3600.00	2.18	V
12	105	PRIMO IMPALCA TO	4-22	5	2.5	Caratt.	0	0	-1438	-	31.31	-977.71	150.00	3600.00	3.68	V
							105	0	-1948	-	42.41	-1324.41	150.00	3600.00	2.72	V
							155	0	-2567	-	55.89	-1745.24	150.00	3600.00	2.06	V
						Q.Perm	0	0	-1223	-	26.61	-831.12	112.50	3600.00	4.23	V
							105	0	-1595	-	34.73	-1084.55	112.50	3600.00	3.24	V
							155	0	-2069	-	45.04	-1406.53	112.50	3600.00	2.50	V
13	106	PRIMO IMPALCA TO	42-4	5	2.5	Caratt.	0	0	6827	-	107.17	-2396.47	150.00	3600.00	1.40	V
							15	0	5980	-	93.87	-2099.05	150.00	3600.00	1.60	V
							165	0	-5628	-	90.14	-2246.88	150.00	3600.00	1.60	V
						Q.Perm	0	0	5657	-	88.80	-1985.68	112.50	3600.00	1.27	V
							15	0	4959	-	77.84	-1740.61	112.50	3600.00	1.45	V
							165	0	-4655	-	74.56	-1858.67	112.50	3600.00	1.51	V
14	108	PRIMO IMPALCA TO	5-6	6	2.5	Caratt.	0	0	-1328	-	49.78	-1780.11	150.00	3600.00	2.02	V
							250	0	834	-	31.25	-1117.62	150.00	3600.00	3.22	V
							435	0	-295	-	11.05	-395.07	150.00	3600.00	9.11	V
						Q.Perm	0	0	-1271	-	47.65	-1704.14	112.50	3600.00	2.11	V
							250	0	790	-	29.61	-1058.68	112.50	3600.00	3.40	V
							435	0	-331	-	12.41	-443.64	112.50	3600.00	8.11	V
15	109	PRIMO IMPALCA TO	11-5	5	2.5	Caratt.	0	0	-7651	-	118.89	-2398.66	150.00	3600.00	1.26	V
							245	0	4594	-	86.34	-2119.01	150.00	3600.00	1.70	V
							520	0	-5182	-	92.17	-2394.90	150.00	3600.00	1.50	V
						Q.Perm	0	0	-6330	-	98.36	-1984.53	112.50	3600.00	1.14	V
							245	0	3785	-	71.13	-1745.68	112.50	3600.00	1.58	V
							520	0	-4228	-	75.21	-1954.26	112.50	3600.00	1.50	V
16	110	PRIMO IMPALCA TO	5-23	5	2.5	Caratt.	0	0	-2034	-	44.28	-1382.77	150.00	3600.00	2.60	V
							15	0	-1442	-	31.39	-980.21	150.00	3600.00	3.67	V
							145	0	-899	-	19.58	-611.34	150.00	3600.00	5.89	V
						Q.Perm	0	0	-1703	-	37.07	-1157.69	112.50	3600.00	3.03	V
							15	0	-1231	-	26.81	-837.13	112.50	3600.00	4.20	V
							145	0	-674	-	14.68	-458.46	112.50	3600.00	7.66	V
17	111	PRIMO IMPALCA TO	12-6	5	2.5	Caratt.	0	0	-6038	-	104.67	-2405.80	150.00	3600.00	1.43	V
							240	0	3976	-	79.66	-2183.14	150.00	3600.00	1.65	V
							520	0	-4481	-	87.40	-2463.72	150.00	3600.00	1.46	V
						Q.Perm	0	0	-4957	-	85.93	-1975.02	112.50	3600.00	1.31	V
							240	0	3254	-	65.19	-1786.62	112.50	3600.00	1.73	V
							520	0	-3636	-	70.91	-1998.98	112.50	3600.00	1.59	V
18	112	PRIMO IMPALCA TO	6-24	5	2.5	Caratt.	0	0	704	-	15.33	-478.60	150.00	3600.00	7.52	V
							105	0	-2301	-	50.10	-1564.53	150.00	3600.00	2.30	V
							150	0	-3113	-	67.76	-2116.06	150.00	3600.00	1.70	V
						Q.Perm	0	0	555	-	12.09	-377.62	112.50	3600.00	9.30	V
							105	0	-1858	-	40.44	-1262.95	112.50	3600.00	2.78	V
							150	0	-2472	-	53.81	-1680.27	112.50	3600.00	2.09	V
19	113	PRIMO IMPALCA TO	6-36	6	2.5	Caratt.	0	0	1805	-	65.45	-2427.95	150.00	3600.00	1.48	V
							105	0	-1981	-	63.59	-1801.30	150.00	3600.00	2.00	V
							145	0	-2572	-	82.59	-2339.30	150.00	3600.00	1.54	V
						Q.Perm	0	0	1345	-	48.78	-1809.55	112.50	3600.00	1.99	V
							105	0	-1582	-	50.78	-1438.33	112.50	3600.00	2.22	V
							145	0	-2044	-	65.61	-1858.45	112.50	3600.00	1.71	V
20	114	PRIMO IMPALCA TO	7-8	6	2.5	Caratt.	0	0	458	-	17.18	-614.31	150.00	3600.00	5.86	V
							350	0	-692	-	25.93	-927.26	150.00	3600.00	3.88	V
							430	0	-1266	-	47.46	-1697.02	150.00	3600.00	2.12	V
						Q.Perm	0	0	406	-	15.22	-544.42	112.50	3600.00	6.61	V
							350	0	-599	-	22.46	-803.17	112.50	3600.00	4.48	V
							430	0	-1097	-	41.11	-1470.17	112.50	3600.00	2.45	V
21	115	PRIMO IMPALCA TO	13-7	5	2.5	Caratt.	0	0	-3620	-	78.81	-2461.00	150.00	3600.00	1.46	V
							220	0	3478	-	75.71	-2364.26	150.00	3600.00	1.52	V
							480	0	-5605	-	97.16	-2233.13	150.00	3600.00	1.54	V
						Q.Perm	0	0	-2923	-	63.62	-1986.79	112.50	3600.00	1.77	V
							220	0	2842	-	61.88	-1932.31	112.50	3600.00	1.82	V
							480	0	-4610	-	79.92	-1836.98	112.50	3600.00	1.41	V
22	116	PRIMO IMPALCA TO	32-7	6	2.5	Caratt.	0	0	-2342	-	72.19	-2135.16	150.00	3600.00	1.69	V
							15	0	-1724	-	53.14	-1571.68	150.00	3600.00	2.29	V
							145	0	2247	-	69.27	-2048.77	150.00	3600.00	1.76	V
						Q.Perm	0	0	-1787	-	55.09	-1629.32	112.50	3600.00	2.04	V
							15	0	-1320	-	40.69	-1203.51	112.50	3600.00	2.76	V

23	117	PRIMO IMPALCA TO	8-9	6	2.5	Caratt.	145	0	1643	-	50.63	-1497.50	112.50	3600.00	2.22	V
							0	0	-1186	-	44.45	-1589.38	150.00	3600.00	2.27	V
							64	0	-549	-	20.58	-735.99	150.00	3600.00	4.89	V
							540	0	-758	-	28.42	-1016.25	150.00	3600.00	3.54	V
						Q.Perm	0	0	-1025	-	38.40	-1373.35	112.50	3600.00	2.62	V
							64	0	-473	-	17.73	-633.91	112.50	3600.00	5.68	V
							540	0	-640	-	23.98	-857.66	112.50	3600.00	4.20	V
24	118	PRIMO IMPALCA TO	14-8	5	2.5	Caratt.	0	0	-4304	-	83.94	-2366.30	150.00	3600.00	1.52	V
							230	0	3964	-	79.41	-2176.45	150.00	3600.00	1.65	V
							490	0	-7382	-	114.71	-2314.23	150.00	3600.00	1.31	V
						Q.Perm	0	0	-3476	-	67.80	-1911.27	112.50	3600.00	1.66	V
							230	0	3248	-	65.07	-1783.21	112.50	3600.00	1.73	V
							490	0	-6105	-	94.87	-1913.95	112.50	3600.00	1.19	V
25	119	PRIMO IMPALCA TO	9-10	6	2.5	Caratt.	0	0	-1164	-	43.62	-1559.84	150.00	3600.00	2.31	V
							250	0	1113	-	41.71	-1491.49	150.00	3600.00	2.41	V
							530	0	-1162	-	43.57	-1557.95	150.00	3600.00	2.31	V
						Q.Perm	0	0	-966	-	36.22	-1295.36	112.50	3600.00	2.78	V
							250	0	914	-	34.27	-1225.41	112.50	3600.00	2.94	V
							530	0	-966	-	36.20	-1294.38	112.50	3600.00	2.78	V
26	125	PRIMO IMPALCA TO	15-9	5	2.5	Caratt.	0	0	-5571	-	99.10	-2574.93	150.00	3600.00	1.40	V
							220	0	4715	-	88.61	-2174.78	150.00	3600.00	1.66	V
							480	0	-7953	-	123.58	-2493.24	150.00	3600.00	1.21	V
						Q.Perm	0	0	-4454	-	79.23	-2058.59	112.50	3600.00	1.42	V
							220	0	3803	-	71.48	-1754.35	112.50	3600.00	1.57	V
							480	0	-6505	-	101.08	-2039.34	112.50	3600.00	1.11	V
27	126	PRIMO IMPALCA TO	9-41	5	2.5	Caratt.	0	0	-5353	-	95.21	-2473.93	150.00	3600.00	1.46	V
							271	0	4579	-	81.46	-2116.57	150.00	3600.00	1.70	V
							355	0	4822	-	85.78	-2228.90	150.00	3600.00	1.62	V
						Q.Perm	0	0	-4452	-	79.20	-2057.85	112.50	3600.00	1.42	V
							271	0	3814	-	67.85	-1762.97	112.50	3600.00	1.66	V
							355	0	4009	-	71.32	-1853.02	112.50	3600.00	1.58	V
28	130	PRIMO IMPALCA TO	10-11	6	2.5	Caratt.	0	0	-762	-	28.54	-1020.71	150.00	3600.00	3.53	V
							446	0	-547	-	20.51	-733.54	150.00	3600.00	4.91	V
							540	0	-1183	-	44.35	-1585.95	150.00	3600.00	2.27	V
						Q.Perm	0	0	-642	-	24.07	-860.87	112.50	3600.00	4.18	V
							446	0	-472	-	17.68	-632.25	112.50	3600.00	5.69	V
							540	0	-1023	-	38.34	-1370.99	112.50	3600.00	2.63	V
29	131	PRIMO IMPALCA TO	16-10	5	2.5	Caratt.	0	0	-5556	-	98.83	-2567.88	150.00	3600.00	1.40	V
							220	0	4702	-	88.38	-2169.06	150.00	3600.00	1.66	V
							480	0	-7936	-	123.32	-2488.05	150.00	3600.00	1.22	V
						Q.Perm	0	0	-4440	-	78.97	-2051.99	112.50	3600.00	1.42	V
							220	0	3792	-	71.26	-1749.02	112.50	3600.00	1.58	V
							480	0	-6490	-	100.84	-2034.57	112.50	3600.00	1.12	V
30	132	PRIMO IMPALCA TO	10-42	5	2.5	Caratt.	0	0	-5341	-	95.01	-2468.64	150.00	3600.00	1.46	V
							271	0	4573	-	81.34	-2113.39	150.00	3600.00	1.70	V
							355	0	4818	-	85.70	-2226.66	150.00	3600.00	1.62	V
						Q.Perm	0	0	-4443	-	79.03	-2053.46	112.50	3600.00	1.42	V
							271	0	3809	-	67.75	-1760.39	112.50	3600.00	1.66	V
							355	0	4005	-	71.25	-1851.22	112.50	3600.00	1.58	V
31	136	PRIMO IMPALCA TO	11-12	6	2.5	Caratt.	0	0	-1272	-	47.66	-1704.38	150.00	3600.00	2.11	V
							50	0	-695	-	26.06	-932.07	150.00	3600.00	3.86	V
							430	0	468	-	17.54	-627.29	150.00	3600.00	5.74	V
						Q.Perm	0	0	-1101	-	41.26	-1475.39	112.50	3600.00	2.44	V
							50	0	-602	-	22.56	-806.60	112.50	3600.00	4.46	V
							430	0	413	-	15.48	-553.61	112.50	3600.00	6.50	V
32	137	PRIMO IMPALCA TO	17-11	5	2.5	Caratt.	0	0	-4289	-	83.66	-2358.42	150.00	3600.00	1.53	V
							230	0	3946	-	79.06	-2166.80	150.00	3600.00	1.66	V
							490	0	-7366	-	114.47	-2309.46	150.00	3600.00	1.31	V
						Q.Perm	0	0	-3462	-	67.53	-1903.53	112.50	3600.00	1.67	V
							230	0	3232	-	64.75	-1774.60	112.50	3600.00	1.74	V
							490	0	-6092	-	94.67	-1909.92	112.50	3600.00	1.19	V
33	138	PRIMO IMPALCA TO	18-12	5	2.5	Caratt.	0	0	-3627	-	78.96	-2465.73	150.00	3600.00	1.46	V
							220	0	3475	-	75.66	-2362.68	150.00	3600.00	1.52	V
							480	0	-5602	-	97.12	-2232.21	150.00	3600.00	1.54	V
						Q.Perm	0	0	-2927	-	63.72	-1989.81	112.50	3600.00	1.77	V
							220	0	2840	-	61.84	-1931.02	112.50	3600.00	1.82	V
							480	0	-4610	-	79.91	-1836.71	112.50	3600.00	1.41	V
34	139	PRIMO IMPALCA TO	12-37	6	2.5	Caratt.	0	0	2272	-	70.03	-2071.17	150.00	3600.00	1.74	V
							105	0	-1745	-	53.80	-1591.07	150.00	3600.00	2.26	V
							145	0	-2370	-	73.05	-2160.52	150.00	3600.00	1.67	V
						Q.Perm	0	0	1660	-	51.16	-1513.01	112.50	3600.00	2.20	V
							105	0	-1335	-	41.15	-1216.89	112.50	3600.00	2.73	V
							145	0	-1806	-	55.68	-1646.82	112.50	3600.00	2.02	V

35	140	PRIMO IMPALCA TO	13-14	6	2.5	Caratt.	0	0	-253	-	9.48	-338.84	150.00	3600.00	10.62	V
							150	0	809	-	30.34	-1084.79	150.00	3600.00	3.32	V
							435	0	-1466	-	54.94	-1964.47	150.00	3600.00	1.83	V
						Q.Perm	0	0	-291	-	10.90	-389.89	112.50	3600.00	9.23	V
							150	0	770	-	28.87	-1032.21	112.50	3600.00	3.49	V
							435	0	-1391	-	52.13	-1864.28	112.50	3600.00	1.93	V
36	141	PRIMO IMPALCA TO	25-13	5	2.5	Caratt.	0	0	-2891	-	62.94	-1965.40	150.00	3600.00	1.83	V
							15	0	-2119	-	46.12	-1440.35	150.00	3600.00	2.50	V
							150	0	629	-	13.69	-427.56	150.00	3600.00	8.42	V
						Q.Perm	0	0	-2290	-	49.86	-1557.09	112.50	3600.00	2.26	V
							15	0	-1708	-	37.19	-1161.46	112.50	3600.00	3.02	V
							150	0	492	-	10.71	-334.35	112.50	3600.00	10.51	V
37	142	PRIMO IMPALCA TO	33-13	6	2.5	Caratt.	0	0	-2481	-	79.64	-2255.89	150.00	3600.00	1.60	V
							15	0	-1902	-	61.05	-1729.39	150.00	3600.00	2.08	V
							145	0	1796	-	65.10	-2415.18	150.00	3600.00	1.49	V
						Q.Perm	0	0	-1968	-	63.17	-1789.47	112.50	3600.00	1.78	V
							15	0	-1516	-	48.67	-1378.69	112.50	3600.00	2.31	V
							145	0	1339	-	48.55	-1801.09	112.50	3600.00	2.00	V
38	143	PRIMO IMPALCA TO	14-15	6	2.5	Caratt.	0	0	-1765	-	56.66	-1604.92	150.00	3600.00	2.24	V
							245	0	997	-	37.36	-1336.01	150.00	3600.00	2.69	V
							530	0	-1268	-	47.52	-1699.23	150.00	3600.00	2.12	V
						Q.Perm	0	0	-1701	-	54.62	-1547.09	112.50	3600.00	2.06	V
							245	0	985	-	36.91	-1319.82	112.50	3600.00	2.73	V
							530	0	-1268	-	47.52	-1699.41	112.50	3600.00	2.12	V
39	144	PRIMO IMPALCA TO	26-14	5	2.5	Caratt.	0	0	-628	-	13.67	-426.89	150.00	3600.00	8.43	V
							105	0	-1476	-	32.14	-1003.53	150.00	3600.00	3.59	V
							145	0	-2179	-	47.45	-1481.65	150.00	3600.00	2.43	V
						Q.Perm	0	0	-400	-	8.70	-271.75	112.50	3600.00	12.93	V
							105	0	-1280	-	27.86	-870.11	112.50	3600.00	4.04	V
							145	0	-1818	-	39.58	-1236.12	112.50	3600.00	2.84	V
40	145	PRIMO IMPALCA TO	15-16	6	2.5	Caratt.	0	0	-787	-	29.49	-1054.61	150.00	3600.00	3.41	V
							250	0	444	-	16.63	-594.52	150.00	3600.00	6.06	V
							540	0	-787	-	29.50	-1054.97	150.00	3600.00	3.41	V
						Q.Perm	0	0	-691	-	25.89	-925.71	112.50	3600.00	3.89	V
							250	0	372	-	13.93	-498.00	112.50	3600.00	7.23	V
							540	0	-691	-	25.91	-926.36	112.50	3600.00	3.89	V
41	146	PRIMO IMPALCA TO	27-15	5	2.5	Caratt.	0	0	-2363	-	51.45	-1606.68	150.00	3600.00	2.24	V
							15	0	-1517	-	33.01	-1030.99	150.00	3600.00	3.49	V
							145	0	-549	-	11.96	-373.50	150.00	3600.00	9.64	V
						Q.Perm	0	0	-1845	-	40.16	-1254.21	112.50	3600.00	2.80	V
							15	0	-1206	-	26.25	-819.78	112.50	3600.00	4.29	V
							145	0	-463	-	10.08	-314.69	112.50	3600.00	11.16	V
42	147	PRIMO IMPALCA TO	16-17	6	2.5	Caratt.	0	0	-1269	-	47.56	-1700.67	150.00	3600.00	2.12	V
							245	0	997	-	37.36	-1335.92	150.00	3600.00	2.69	V
							530	0	-1764	-	56.63	-1603.97	150.00	3600.00	2.24	V
						Q.Perm	0	0	-1269	-	47.55	-1700.42	112.50	3600.00	2.12	V
							245	0	985	-	36.91	-1319.75	112.50	3600.00	2.73	V
							530	0	-1701	-	54.60	-1546.48	112.50	3600.00	2.06	V
43	148	PRIMO IMPALCA TO	28-16	5	2.5	Caratt.	0	0	-2355	-	51.26	-1600.82	150.00	3600.00	2.25	V
							15	0	-1511	-	32.90	-1027.29	150.00	3600.00	3.50	V
							145	0	-549	-	11.95	-373.24	150.00	3600.00	9.65	V
						Q.Perm	0	0	-1838	-	40.02	-1249.82	112.50	3600.00	2.81	V
							15	0	-1202	-	26.16	-816.89	112.50	3600.00	4.30	V
							145	0	-462	-	10.06	-314.12	112.50	3600.00	11.18	V
44	149	PRIMO IMPALCA TO	17-18	6	2.5	Caratt.	0	0	-1469	-	55.04	-1968.40	150.00	3600.00	1.83	V
							250	0	810	-	30.36	-1085.77	150.00	3600.00	3.32	V
							435	0	-250	-	9.38	-335.34	150.00	3600.00	10.74	V
						Q.Perm	0	0	-1393	-	52.22	-1867.22	112.50	3600.00	1.93	V
							250	0	771	-	28.89	-1032.95	112.50	3600.00	3.49	V
							435	0	-289	-	10.82	-386.96	112.50	3600.00	9.30	V
45	150	PRIMO IMPALCA TO	29-17	5	2.5	Caratt.	0	0	-626	-	13.62	-425.40	150.00	3600.00	8.46	V
							105	0	-1472	-	32.05	-1000.83	150.00	3600.00	3.60	V
							145	0	-2174	-	47.33	-1478.00	150.00	3600.00	2.44	V
						Q.Perm	0	0	-398	-	8.65	-270.28	112.50	3600.00	13.00	V
							105	0	-1276	-	27.78	-867.51	112.50	3600.00	4.05	V
							145	0	-1813	-	39.48	-1232.81	112.50	3600.00	2.85	V
46	151	PRIMO IMPALCA TO	30-18	5	2.5	Caratt.	0	0	-2895	-	63.02	-1967.96	150.00	3600.00	1.83	V
							15	0	-2122	-	46.19	-1442.36	150.00	3600.00	2.50	V
							150	0	632	-	13.75	-429.35	150.00	3600.00	8.38	V
						Q.Perm	0	0	-2293	-	49.92	-1558.75	112.50	3600.00	2.25	V
							15	0	-1710	-	37.23	-1162.75	112.50	3600.00	3.02	V
							150	0	494	-	10.75	-335.63	112.50	3600.00	10.47	V
47	152	PRIMO	18-38	6	2.5	Caratt.	0	0	1791	-	64.92	-2408.28	150.00	3600.00	1.49	V

		IMPALCA TO															
							105	0	-1899	-	60.97	-1727.05	150.00	3600.00	2.08	V	
							145	0	-2477	-	79.52	-2252.55	150.00	3600.00	1.60	V	
						Q.Perm	0	0	1336	-	48.42	-1796.34	112.50	3600.00	2.00	V	
							105	0	-1514	-	48.61	-1377.04	112.50	3600.00	2.31	V	
							145	0	-1965	-	63.09	-1787.12	112.50	3600.00	1.78	V	
48	153	PRIMO IMPALCA TO	19-20	7	2.5	Caratt.	0	0	178	-	9.48	-246.35	150.00	3600.00	14.61	V	
							46	0	125	-	6.65	-172.89	150.00	3600.00	20.82	V	
							430	0	19	-	1.03	-26.71	150.00	3600.00	134.80	V	
						Q.Perm	0	0	178	-	9.49	-246.49	112.50	3600.00	11.86	V	
							46	0	121	-	6.44	-167.22	112.50	3600.00	17.48	V	
							430	0	12	-	0.66	-17.12	112.50	3600.00	170.70	V	
49	156	PRIMO IMPALCA TO	34-19	7	2.5	Caratt.	0	0	62	-	3.31	-86.13	150.00	3600.00	41.80	V	
							105	0	-179	-	9.55	-248.17	150.00	3600.00	14.51	V	
							160	0	-239	-	12.73	-330.74	150.00	3600.00	10.88	V	
						Q.Perm	0	0	60	-	3.19	-83.00	112.50	3600.00	35.22	V	
							105	0	-178	-	9.51	-247.14	112.50	3600.00	11.83	V	
							160	0	-234	-	12.48	-324.37	112.50	3600.00	9.01	V	
50	157	PRIMO IMPALCA TO	20-21	7	2.5	Caratt.	0	0	-90	-	4.79	-124.42	150.00	3600.00	28.94	V	
							394	0	-81	-	4.31	-111.97	150.00	3600.00	32.15	V	
							510	0	-296	-	15.82	-410.98	150.00	3600.00	8.76	V	
						Q.Perm	0	0	-76	-	4.04	-104.89	112.50	3600.00	27.87	V	
							394	0	-64	-	3.44	-89.36	112.50	3600.00	32.71	V	
							510	0	-242	-	12.93	-335.88	112.50	3600.00	8.70	V	
51	161	PRIMO IMPALCA TO	21-22	7	2.5	Caratt.	0	0	301	-	16.06	-417.19	150.00	3600.00	8.63	V	
							63	0	128	-	6.82	-177.11	150.00	3600.00	20.33	V	
							560	0	300	-	16.03	-416.44	150.00	3600.00	8.64	V	
						Q.Perm	0	0	241	-	12.88	-334.75	112.50	3600.00	8.73	V	
							63	0	104	-	5.55	-144.23	112.50	3600.00	20.27	V	
							560	0	241	-	12.87	-334.33	112.50	3600.00	8.74	V	
52	165	PRIMO IMPALCA TO	22-23	7	2.5	Caratt.	0	0	-296	-	15.78	-410.09	150.00	3600.00	8.78	V	
							56	0	-80	-	4.29	-111.58	150.00	3600.00	32.26	V	
							510	0	-89	-	4.76	-123.58	150.00	3600.00	29.13	V	
						Q.Perm	0	0	-242	-	12.91	-335.41	112.50	3600.00	8.71	V	
							56	0	-64	-	3.43	-89.14	112.50	3600.00	32.79	V	
							510	0	-75	-	4.02	-104.42	112.50	3600.00	27.99	V	
53	169	PRIMO IMPALCA TO	23-24	7	2.5	Caratt.	0	0	19	-	1.02	-26.55	150.00	3600.00	135.58	V	
							324	0	132	-	7.03	-182.76	150.00	3600.00	19.70	V	
							430	0	191	-	10.19	-264.70	150.00	3600.00	13.60	V	
						Q.Perm	0	0	12	-	0.66	-17.05	112.50	3600.00	171.39	V	
							324	0	125	-	6.69	-173.86	112.50	3600.00	16.81	V	
							430	0	187	-	9.97	-258.94	112.50	3600.00	11.29	V	
54	172	PRIMO IMPALCA TO	24-39	7	2.5	Caratt.	0	0	-231	-	12.32	-320.19	150.00	3600.00	11.24	V	
							15	0	-177	-	9.45	-245.56	150.00	3600.00	14.66	V	
							160	0	29	-	1.53	-39.75	150.00	3600.00	90.56	V	
						Q.Perm	0	0	-229	-	12.23	-317.66	112.50	3600.00	9.20	V	
							15	0	-177	-	9.45	-245.62	112.50	3600.00	11.90	V	
							160	0	35	-	1.86	-48.25	112.50	3600.00	60.58	V	
55	173	PRIMO IMPALCA TO	25-26	7	2.5	Caratt.	0	0	156	-	8.35	-216.93	150.00	3600.00	16.60	V	
							46	0	113	-	6.01	-156.17	150.00	3600.00	23.05	V	
							430	0	-27	-	1.43	-37.27	150.00	3600.00	96.59	V	
						Q.Perm	0	0	157	-	8.40	-218.29	112.50	3600.00	13.39	V	
							46	0	109	-	5.84	-151.69	112.50	3600.00	19.27	V	
							430	0	-25	-	1.35	-35.19	112.50	3600.00	83.06	V	
56	176	PRIMO IMPALCA TO	35-25	7	2.5	Caratt.	0	0	12	-	0.63	-16.39	150.00	3600.00	219.66	V	
							105	0	-146	-	7.80	-202.74	150.00	3600.00	17.76	V	
							160	0	-192	-	10.27	-266.82	150.00	3600.00	13.49	V	
						Q.Perm	0	0	20	-	1.06	-27.47	112.50	3600.00	106.42	V	
							105	0	-149	-	7.97	-207.19	112.50	3600.00	14.11	V	
							160	0	-195	-	10.42	-270.78	112.50	3600.00	10.79	V	
57	177	PRIMO IMPALCA TO	26-27	7	2.5	Caratt.	0	0	-37	-	1.96	-50.82	150.00	3600.00	70.84	V	
							394	0	54	-	2.88	-74.71	150.00	3600.00	48.19	V	
							510	0	73	-	3.91	-101.48	150.00	3600.00	35.47	V	
						Q.Perm	0	0	-34	-	1.81	-47.10	112.50	3600.00	62.06	V	
							394	0	48	-	2.57	-66.79	112.50	3600.00	43.76	V	
							510	0	67	-	3.57	-92.64	112.50	3600.00	31.55	V	
58	181	PRIMO IMPALCA TO	27-28	7	2.5	Caratt.	0	0	-109	-	5.82	-151.21	150.00	3600.00	23.81	V	
							63	0	-19	-	1.04	-26.90	150.00	3600.00	133.83	V	
							560	0	-108	-	5.77	-149.89	150.00	3600.00	24.02	V	

						Q.Perm	0	0	-103	-	5.49	-142.53	112.50	3600.00	20.51	V
							63	0	-19	-	1.04	-26.98	112.50	3600.00	108.33	V
							560	0	-102	-	5.45	-141.65	112.50	3600.00	20.64	V
59	185	PRIMO IMPALCA TO	28-29	7	2.5	Caratt.	0	0	72	-	3.85	-100.07	150.00	3600.00	35.98	V
							56	0	53	-	2.85	-74.17	150.00	3600.00	48.54	V
							510	0	-36	-	1.91	-49.69	150.00	3600.00	72.44	V
						Q.Perm	0	0	66	-	3.53	-91.68	112.50	3600.00	31.88	V
							56	0	48	-	2.56	-66.43	112.50	3600.00	44.00	V
							510	0	-33	-	1.78	-46.34	112.50	3600.00	63.08	V
60	189	PRIMO IMPALCA TO	29-30	7	2.5	Caratt.	0	0	-28	-	1.49	-38.63	150.00	3600.00	93.19	V
							324	0	113	-	6.04	-156.82	150.00	3600.00	22.96	V
							430	0	157	-	8.39	-218.11	150.00	3600.00	16.51	V
						Q.Perm	0	0	-26	-	1.39	-36.12	112.50	3600.00	80.93	V
							324	0	110	-	5.85	-152.12	112.50	3600.00	19.22	V
							430	0	158	-	8.44	-219.20	112.50	3600.00	13.34	V
61	192	PRIMO IMPALCA TO	30-40	7	2.5	Caratt.	0	0	-193	-	10.32	-268.25	150.00	3600.00	13.42	V
							15	0	-147	-	7.85	-203.89	150.00	3600.00	17.66	V
							160	0	12	-	0.66	-17.15	150.00	3600.00	209.89	V
						Q.Perm	0	0	-196	-	10.46	-271.88	112.50	3600.00	10.75	V
							15	0	-150	-	8.01	-208.08	112.50	3600.00	14.05	V
							160	0	20	-	1.08	-28.05	112.50	3600.00	104.21	V
62	193	PRIMO IMPALCA TO	32-31	7	2.5	Caratt.	0	0	-75	-	4.02	-104.52	150.00	3600.00	34.44	V
							420	0	138	-	7.39	-192.03	150.00	3600.00	18.75	V
							520	0	318	-	16.95	-440.39	150.00	3600.00	8.17	V
						Q.Perm	0	0	-56	-	2.97	-77.23	112.50	3600.00	37.85	V
							420	0	117	-	6.22	-161.65	112.50	3600.00	18.08	V
							520	0	265	-	14.16	-367.99	112.50	3600.00	7.94	V
63	197	PRIMO IMPALCA TO	31-34	7	2.5	Caratt.	0	0	-480	-	25.64	-666.20	150.00	3600.00	5.40	V
							15	0	-316	-	16.87	-438.43	150.00	3600.00	8.21	V
							150	0	-50	-	2.64	-68.68	150.00	3600.00	52.42	V
						Q.Perm	0	0	-380	-	20.27	-526.56	112.50	3600.00	5.55	V
							15	0	-258	-	13.74	-357.10	112.50	3600.00	8.19	V
							150	0	-21	-	1.13	-29.28	112.50	3600.00	99.82	V
64	198	PRIMO IMPALCA TO	33-32	7	2.5	Caratt.	0	0	362	-	19.30	-501.54	150.00	3600.00	7.18	V
							55	0	154	-	8.23	-213.93	150.00	3600.00	16.83	V
							480	0	49	-	2.63	-68.37	150.00	3600.00	52.65	V
						Q.Perm	0	0	292	-	15.58	-404.86	112.50	3600.00	7.22	V
							55	0	126	-	6.73	-174.89	112.50	3600.00	16.71	V
							480	0	30	-	1.62	-42.03	112.50	3600.00	69.55	V
65	202	PRIMO IMPALCA TO	35-33	7	2.5	Caratt.	0	0	91	-	4.87	-126.62	150.00	3600.00	28.43	V
							105	0	-304	-	16.24	-421.85	150.00	3600.00	8.53	V
							150	0	-386	-	20.59	-535.02	150.00	3600.00	6.73	V
						Q.Perm	0	0	72	-	3.85	-99.94	112.50	3600.00	29.25	V
							105	0	-248	-	13.22	-343.62	112.50	3600.00	8.51	V
							150	0	-315	-	16.82	-437.06	112.50	3600.00	6.69	V
66	203	PRIMO IMPALCA TO	37-36	7	2.5	Caratt.	0	0	-74	-	3.93	-102.05	150.00	3600.00	35.28	V
							420	0	162	-	8.64	-224.47	150.00	3600.00	16.04	V
							520	0	381	-	20.31	-527.67	150.00	3600.00	6.82	V
						Q.Perm	0	0	-54	-	2.90	-75.26	112.50	3600.00	38.84	V
							420	0	132	-	7.05	-183.26	112.50	3600.00	15.95	V
							520	0	307	-	16.40	-426.16	112.50	3600.00	6.86	V
67	207	PRIMO IMPALCA TO	36-39	7	2.5	Caratt.	0	0	-403	-	21.49	-558.47	150.00	3600.00	6.45	V
							15	0	-319	-	17.01	-442.00	150.00	3600.00	8.14	V
							150	0	93	-	4.99	-129.59	150.00	3600.00	27.78	V
						Q.Perm	0	0	-329	-	17.54	-455.86	112.50	3600.00	6.41	V
							15	0	-260	-	13.85	-359.84	112.50	3600.00	8.12	V
							150	0	73	-	3.92	-101.88	112.50	3600.00	28.69	V
68	208	PRIMO IMPALCA TO	38-37	7	2.5	Caratt.	0	0	361	-	19.29	-501.23	150.00	3600.00	7.18	V
							55	0	154	-	8.23	-213.81	150.00	3600.00	16.84	V
							480	0	49	-	2.60	-67.50	150.00	3600.00	53.33	V
						Q.Perm	0	0	292	-	15.57	-404.61	112.50	3600.00	7.22	V
							55	0	126	-	6.73	-174.79	112.50	3600.00	16.72	V
							480	0	30	-	1.58	-41.13	112.50	3600.00	71.08	V
69	212	PRIMO IMPALCA TO	40-38	7	2.5	Caratt.	0	0	91	-	4.86	-126.16	150.00	3600.00	28.53	V
							105	0	-304	-	16.22	-421.45	150.00	3600.00	8.54	V
							150	0	-385	-	20.57	-534.49	150.00	3600.00	6.74	V
						Q.Perm	0	0	72	-	3.83	-99.61	112.50	3600.00	29.35	V
							105	0	-248	-	13.21	-343.31	112.50	3600.00	8.51	V
							150	0	-315	-	16.81	-436.66	112.50	3600.00	6.69	V
70	231	SECONDO IMPALCA TO	1-2	8	2.5	Caratt.	0	0	422	-	6.39	-227.60	150.00	3600.00	15.82	V

							350	0	-2826	-	42.82	-1525.24	150.00	3600.00	2.36	V
							430	0	-3920	-	59.40	-2115.65	150.00	3600.00	1.70	V
						Q.Perm	0	0	318	-	4.81	-171.44	112.50	3600.00	21.00	V
							350	0	-2359	-	35.74	-1272.93	112.50	3600.00	2.83	V
							430	0	-3287	-	49.81	-1773.94	112.50	3600.00	2.03	V
71	232	SECONDO IMPALCA TO	7-1	8	2.5	Caratt.	0	0	-7625	-	91.86	-2404.21	150.00	3600.00	1.50	V
							245	0	4855	-	67.71	-2114.25	150.00	3600.00	1.70	V
							520	0	-4434	-	65.42	-2395.23	150.00	3600.00	1.50	V
						Q.Perm	0	0	-6228	-	75.03	-1963.76	112.50	3600.00	1.50	V
							245	0	3955	-	55.15	-1722.17	112.50	3600.00	2.04	V
							520	0	-3620	-	53.41	-1955.49	112.50	3600.00	1.84	V
72	233	SECONDO IMPALCA TO	2-3	8	2.5	Caratt.	0	0	-5754	-	75.25	-2103.65	150.00	3600.00	1.71	V
							60	0	-3770	-	57.13	-2034.85	150.00	3600.00	1.77	V
							525	0	2071	-	31.38	-1117.74	150.00	3600.00	3.22	V
						Q.Perm	0	0	-4825	-	63.10	-1763.98	112.50	3600.00	1.78	V
							60	0	-3143	-	47.62	-1696.27	112.50	3600.00	2.12	V
							525	0	1659	-	25.14	-895.32	112.50	3600.00	4.02	V
73	234	SECONDO IMPALCA TO	3-4	8	2.5	Caratt.	0	0	860	-	13.04	-464.30	150.00	3600.00	7.75	V
							250	0	2826	-	42.82	-1525.24	150.00	3600.00	2.36	V
							560	0	854	-	12.95	-461.14	150.00	3600.00	7.81	V
						Q.Perm	0	0	671	-	10.17	-362.39	112.50	3600.00	9.93	V
							250	0	2375	-	35.99	-1281.94	112.50	3600.00	2.81	V
							560	0	667	-	10.10	-359.81	112.50	3600.00	10.01	V
74	235	SECONDO IMPALCA TO	41-3	8	2.5	Caratt.	0	0	-8761	-	101.04	-2431.16	150.00	3600.00	1.48	V
							14	0	-6580	-	75.89	-1825.96	150.00	3600.00	1.97	V
							160	0	1999	-	25.11	-871.78	150.00	3600.00	4.13	V
						Q.Perm	0	0	-7243	-	83.53	-2009.74	112.50	3600.00	1.35	V
							14	0	-5460	-	62.97	-1515.06	112.50	3600.00	1.79	V
							160	0	1668	-	20.96	-727.62	112.50	3600.00	4.95	V
75	236	SECONDO IMPALCA TO	4-5	8	2.5	Caratt.	0	0	2062	-	31.24	-1112.63	150.00	3600.00	3.24	V
							420	0	-3763	-	57.02	-2030.83	150.00	3600.00	1.77	V
							525	0	-5744	-	75.12	-2100.04	150.00	3600.00	1.71	V
						Q.Perm	0	0	1652	-	25.03	-891.36	112.50	3600.00	4.04	V
							420	0	-3138	-	47.54	-1693.42	112.50	3600.00	2.13	V
							525	0	-4818	-	63.00	-1761.39	112.50	3600.00	1.79	V
76	237	SECONDO IMPALCA TO	42-4	8	2.5	Caratt.	0	0	-8769	-	101.13	-2433.21	150.00	3600.00	1.48	V
							14	0	-6587	-	75.96	-1827.67	150.00	3600.00	1.97	V
							160	0	2001	-	25.14	-872.95	150.00	3600.00	4.12	V
						Q.Perm	0	0	-7249	-	83.59	-2011.34	112.50	3600.00	1.35	V
							14	0	-5465	-	63.02	-1516.39	112.50	3600.00	1.79	V
							160	0	1670	-	20.98	-728.51	112.50	3600.00	4.94	V
77	238	SECONDO IMPALCA TO	5-6	8	2.5	Caratt.	0	0	-3914	-	59.31	-2112.47	150.00	3600.00	1.70	V
							50	0	-2822	-	42.76	-1523.00	150.00	3600.00	2.36	V
							430	0	414	-	6.27	-223.29	150.00	3600.00	16.12	V
						Q.Perm	0	0	-3283	-	49.75	-1771.92	112.50	3600.00	2.03	V
							50	0	-2356	-	35.70	-1271.50	112.50	3600.00	2.83	V
							430	0	313	-	4.74	-168.76	112.50	3600.00	21.33	V
78	239	SECONDO IMPALCA TO	12-6	8	2.5	Caratt.	0	0	-7622	-	91.82	-2403.20	150.00	3600.00	1.50	V
							245	0	4853	-	67.68	-2113.24	150.00	3600.00	1.70	V
							520	0	-4442	-	65.53	-2399.47	150.00	3600.00	1.50	V
						Q.Perm	0	0	-6226	-	75.01	-1963.17	112.50	3600.00	1.50	V
							245	0	3953	-	55.13	-1721.41	112.50	3600.00	2.04	V
							520	0	-3626	-	53.49	-1958.39	112.50	3600.00	1.84	V
79	240	SECONDO IMPALCA TO	13-7	8	2.5	Caratt.	0	0	-2573	-	38.98	-1388.47	150.00	3600.00	2.59	V
							173	0	4408	-	66.80	-2379.21	150.00	3600.00	1.51	V
							490	0	-7671	-	92.42	-2418.90	150.00	3600.00	1.49	V
						Q.Perm	0	0	-2056	-	31.16	-1109.67	112.50	3600.00	3.24	V
							173	0	3574	-	54.15	-1928.69	112.50	3600.00	1.87	V
							490	0	-6265	-	75.48	-1975.35	112.50	3600.00	1.49	V
80	241	SECONDO IMPALCA TO	9-10	8	2.5	Caratt.	0	0	-881	-	13.35	-475.44	150.00	3600.00	7.57	V
							250	0	1088	-	16.49	-587.35	150.00	3600.00	6.13	V
							530	0	-880	-	13.33	-474.87	150.00	3600.00	7.58	V
						Q.Perm	0	0	-759	-	11.49	-409.38	112.50	3600.00	8.79	V
							250	0	948	-	14.36	-511.58	112.50	3600.00	7.04	V
							530	0	-758	-	11.49	-409.15	112.50	3600.00	8.80	V
81	242	SECONDO IMPALCA TO	15-9	8	2.5	Caratt.	0	0	-3535	-	50.85	-1910.98	150.00	3600.00	1.88	V
							220	0	5770	-	75.45	-2109.45	150.00	3600.00	1.71	V
							480	0	-8912	-	99.82	-2471.21	150.00	3600.00	1.46	V
						Q.Perm	0	0	-2900	-	41.72	-1567.69	112.50	3600.00	2.30	V
							220	0	4799	-	62.75	-1754.40	112.50	3600.00	1.79	V
							480	0	-7414	-	83.04	-2055.80	112.50	3600.00	1.35	V
82	243	SECONDO IMPALCA TO	9-41	8	2.5	Caratt.	0	0	-6300	-	82.39	-2303.28	150.00	3600.00	1.56	V
							39	0	-3495	-	52.95	-1885.96	150.00	3600.00	1.91	V

							350	0	-5400	-	75.31	-2351.52	150.00	3600.00	1.53	V
						Q.Perm	0	0	-5250	-	68.66	-1919.42	112.50	3600.00	1.64	V
							39	0	-2954	-	44.75	-1594.04	112.50	3600.00	2.26	V
							350	0	-4387	-	61.18	-1910.39	112.50	3600.00	1.84	V
83	244	SECONDO IMPALCA TO	16-10	8	2.5	Caratt.	0	0	-3534	-	50.84	-1910.41	150.00	3600.00	1.88	V
							220	0	5771	-	75.47	-2109.79	150.00	3600.00	1.71	V
							480	0	-8911	-	99.81	-2470.99	150.00	3600.00	1.46	V
						Q.Perm	0	0	-2899	-	41.70	-1567.13	112.50	3600.00	2.30	V
							220	0	4799	-	62.76	-1754.69	112.50	3600.00	1.79	V
							480	0	-7413	-	83.04	-2055.64	112.50	3600.00	1.35	V
84	245	SECONDO IMPALCA TO	10-42	8	2.5	Caratt.	0	0	-6297	-	82.34	-2302.05	150.00	3600.00	1.56	V
							39	0	-3492	-	52.91	-1884.65	150.00	3600.00	1.91	V
							350	0	-5404	-	75.36	-2353.28	150.00	3600.00	1.53	V
						Q.Perm	0	0	-5248	-	68.63	-1918.56	112.50	3600.00	1.64	V
							39	0	-2952	-	44.73	-1593.12	112.50	3600.00	2.26	V
							350	0	-4390	-	61.22	-1911.68	112.50	3600.00	1.84	V
85	246	SECONDO IMPALCA TO	18-12	8	2.5	Caratt.	0	0	-2578	-	39.06	-1391.18	150.00	3600.00	2.59	V
							173	0	4409	-	66.80	-2379.32	150.00	3600.00	1.51	V
							490	0	-7663	-	92.32	-2416.09	150.00	3600.00	1.49	V
						Q.Perm	0	0	-2060	-	31.21	-1111.59	112.50	3600.00	3.24	V
							173	0	3574	-	54.15	-1928.79	112.50	3600.00	1.87	V
							490	0	-6258	-	75.40	-1973.33	112.50	3600.00	1.49	V
86	247	SECONDO IMPALCA TO	13-14	8	2.5	Caratt.	0	0	-116	-	1.75	-62.41	150.00	3600.00	57.68	V
							350	0	-901	-	13.65	-486.19	150.00	3600.00	7.40	V
							430	0	-1643	-	24.90	-886.92	150.00	3600.00	4.06	V
						Q.Perm	0	0	-119	-	1.80	-64.13	112.50	3600.00	56.13	V
							350	0	-760	-	11.52	-410.22	112.50	3600.00	8.78	V
							430	0	-1398	-	21.18	-754.33	112.50	3600.00	4.77	V
87	248	SECONDO IMPALCA TO	14-15	8	2.5	Caratt.	0	0	-1684	-	25.52	-908.98	150.00	3600.00	3.96	V
							64	0	-703	-	10.65	-379.23	150.00	3600.00	9.49	V
							540	0	-1001	-	15.17	-540.39	150.00	3600.00	6.66	V
						Q.Perm	0	0	-1436	-	21.76	-775.16	112.50	3600.00	4.64	V
							64	0	-592	-	8.97	-319.49	112.50	3600.00	11.27	V
							540	0	-895	-	13.57	-483.27	112.50	3600.00	7.45	V
88	249	SECONDO IMPALCA TO	15-16	8	2.5	Caratt.	0	0	-1084	-	16.42	-584.82	150.00	3600.00	6.16	V
							250	0	886	-	13.42	-477.97	150.00	3600.00	7.53	V
							530	0	-1083	-	16.40	-584.27	150.00	3600.00	6.16	V
						Q.Perm	0	0	-936	-	14.19	-505.40	112.50	3600.00	7.12	V
							250	0	770	-	11.67	-415.52	112.50	3600.00	8.66	V
							530	0	-936	-	14.19	-505.25	112.50	3600.00	7.13	V
89	250	SECONDO IMPALCA TO	16-17	8	2.5	Caratt.	0	0	-1005	-	15.22	-542.24	150.00	3600.00	6.64	V
							446	0	-702	-	10.63	-378.75	150.00	3600.00	9.50	V
							540	0	-1683	-	25.50	-908.17	150.00	3600.00	3.96	V
						Q.Perm	0	0	-898	-	13.61	-484.60	112.50	3600.00	7.43	V
							446	0	-591	-	8.96	-319.22	112.50	3600.00	11.28	V
							540	0	-1435	-	21.75	-774.66	112.50	3600.00	4.65	V
90	251	SECONDO IMPALCA TO	17-18	8	2.5	Caratt.	0	0	-1648	-	24.98	-889.61	150.00	3600.00	4.05	V
							50	0	-905	-	13.71	-488.16	150.00	3600.00	7.37	V
							430	0	-111	-	1.68	-59.71	150.00	3600.00	60.29	V
						Q.Perm	0	0	-1401	-	21.23	-756.29	112.50	3600.00	4.76	V
							50	0	-763	-	11.56	-411.66	112.50	3600.00	8.75	V
							430	0	-115	-	1.74	-61.93	112.50	3600.00	58.13	V
91	252	SECONDO IMPALCA TO	41-42	8	2.5	Caratt.	0	0	-207	-	3.13	-111.52	150.00	3600.00	32.28	V
							250	0	1761	-	26.68	-950.43	150.00	3600.00	3.79	V
							530	0	-209	-	3.16	-112.64	150.00	3600.00	31.96	V
						Q.Perm	0	0	-202	-	3.06	-109.02	112.50	3600.00	33.02	V
							250	0	1503	-	22.78	-811.23	112.50	3600.00	4.44	V
							530	0	-204	-	3.09	-110.21	112.50	3600.00	32.66	V

2.4.2.1.5 Verifiche SLE - Fessurazione.

Camp : campata alla quale appartengono le aste riportate;
 Asta : numerazione interna dell'asta;
 Imp. : impalcato al quale appartiene l'asta considerata;
 Fili : fili fissi ai quali appartiene l'asta considerata;
 Tipo Sez. : tipo di sezione dell'asta considerata;
 Cop : distanza tra la superficie esterna dell'armatura più prossima alla superficie del calcestruzzo e la superficie stessa del calcestruzzo;
 Comb : tipo di combinazione a cui la verifica è riferita;
 X : distanza dal nodo iniziale misurata lungo l'asse dell'asta;

Sollecitazione : M_{XZ} : valore del Momento Flettente X-Z sollecitante di calcolo;
 Fessura di calcolo: W_k : valore dell'apertura della fessura calcolata;
 Fessura max : $W_{k,max}$: valore della massima apertura ammissibile delle fessure;

Esito : Esito della verifica : V = VERIFICATA;
 : NV = NON VERIFICATA;

Tabella 44.I

							530	Soll.	Fess. di calc.	Fessura max		
Camp	Asta	Imp.	Fili	Tipo Sez.	Cop [cm]	Comb	X [cm]	M_{XZ} [daNm]	W_k [mm]	$W_{k,max}$ [mm]	S	Esito
1	88	PRIMO IMPALC ATO	1-2	6	2.5	Freq	0	-342	0.00	0.40	-	V
							150	797	0.00	0.40	-	V
							435	-1282	0.16	0.40	2.52	V
						Q.Perm	0	-342	0.00	0.30	-	V
							150	785	0.00	0.30	-	V
							435	-1266	0.15	0.30	1.98	V
2	89	PRIMO IMPALC ATO	7-1	5	2.5	Freq	0	-5230	0.30	0.40	1.35	V
							240	3434	0.26	0.40	1.54	V
							520	-3858	0.32	0.40	1.27	V
						Q.Perm	0	-4924	0.27	0.30	1.10	V
							240	3229	0.23	0.30	1.29	V
							520	-3617	0.28	0.30	1.06	V
3	90	PRIMO IMPALC ATO	1-19	5	2.5	Freq	0	582	0.00	0.40	-	V
							105	-1963	0.10	0.40	3.94	V
							150	-2624	0.22	0.40	1.79	V
						Q.Perm	0	542	0.00	0.30	-	V
							105	-1838	0.08	0.30	3.82	V
							150	-2444	0.19	0.30	1.58	V
4	91	PRIMO IMPALC ATO	31-1	6	2.5	Freq	0	-2082	0.26	0.40	1.55	V
							15	-1603	0.15	0.40	2.69	V
							145	1426	0.22	0.40	1.80	V
						Q.Perm	0	-1945	0.23	0.30	1.32	V
							15	-1501	0.13	0.30	2.39	V
							145	1300	0.17	0.30	1.79	V
5	92	PRIMO IMPALC ATO	2-3	6	2.5	Freq	0	-1627	0.15	0.40	2.59	V
							250	823	0.00	0.40	-	V
							535	-1833	0.20	0.40	1.98	V
						Q.Perm	0	-1614	0.15	0.30	1.98	V
							250	823	0.00	0.30	-	V
							535	-1809	0.20	0.30	1.53	V
6	93	PRIMO IMPALC ATO	8-2	5	2.5	Freq	0	-6701	0.29	0.40	1.39	V
							245	4004	0.25	0.40	1.60	V
							520	-4498	0.30	0.40	1.33	V
						Q.Perm	0	-6324	0.27	0.30	1.13	V
							245	3773	0.23	0.30	1.32	V
							520	-4224	0.27	0.30	1.10	V
7	94	PRIMO IMPALC ATO	2-20	5	2.5	Freq	0	-1818	0.00	0.40	-	V
							15	-1307	0.00	0.40	-	V
							145	-713	0.00	0.40	-	V
						Q.Perm	0	-1720	0.00	0.30	-	V
							15	-1244	0.00	0.30	-	V
							145	-652	0.00	0.30	-	V
8	95	PRIMO IMPALC ATO	3-4	6	2.5	Freq	0	-1546	0.27	0.40	1.46	V

							250	1079	0.00	0.40	-	V
							530	-1546	0.27	0.40	1.46	V
						Q.Perm	0	-1481	0.25	0.30	1.22	V
							250	1023	0.00	0.30	-	V
							530	-1482	0.25	0.30	1.22	V
9	101	PRIMO IMPALC ATO	3-21	5	2.5	Freq	0	-1294	0.00	0.40	-	V
							105	-1694	0.00	0.40	-	V
							155	-2210	0.15	0.40	2.72	V
						Q.Perm	0	-1231	0.00	0.30	-	V
							105	-1594	0.00	0.30	-	V
							155	-2069	0.12	0.30	2.48	V
10	102	PRIMO IMPALC ATO	41-3	5	2.5	Freq	0	5989	0.29	0.40	1.36	V
							15	5248	0.24	0.40	1.63	V
							165	-4936	0.27	0.40	1.46	V
						Q.Perm	0	5655	0.27	0.30	1.10	V
							15	4956	0.23	0.30	1.33	V
							165	-4658	0.25	0.30	1.19	V
11	104	PRIMO IMPALC ATO	4-5	6	2.5	Freq	0	-1837	0.20	0.40	1.98	V
							250	823	0.00	0.40	-	V
							535	-1623	0.15	0.40	2.61	V
						Q.Perm	0	-1813	0.20	0.30	1.52	V
							250	823	0.00	0.30	-	V
							535	-1611	0.15	0.30	1.99	V
12	105	PRIMO IMPALC ATO	4-22	5	2.5	Freq	0	-1284	0.00	0.40	-	V
							105	-1696	0.00	0.40	-	V
							155	-2211	0.15	0.40	2.72	V
						Q.Perm	0	-1223	0.00	0.30	-	V
							105	-1595	0.00	0.30	-	V
							155	-2069	0.12	0.30	2.48	V
13	106	PRIMO IMPALC ATO	42-4	5	2.5	Freq	0	5991	0.29	0.40	1.36	V
							15	5251	0.25	0.40	1.63	V
							165	-4933	0.27	0.40	1.46	V
						Q.Perm	0	5657	0.27	0.30	1.10	V
							15	4959	0.23	0.30	1.33	V
							165	-4655	0.25	0.30	1.19	V
14	108	PRIMO IMPALC ATO	5-6	6	2.5	Freq	0	-1288	0.16	0.40	2.48	V
							250	802	0.00	0.40	-	V
							435	-331	0.00	0.40	-	V
						Q.Perm	0	-1271	0.15	0.30	1.95	V
							250	790	0.00	0.30	-	V
							435	-331	0.00	0.30	-	V
15	109	PRIMO IMPALC ATO	11-5	5	2.5	Freq	0	-6707	0.29	0.40	1.39	V
							245	4016	0.25	0.40	1.59	V
							520	-4501	0.30	0.40	1.33	V
						Q.Perm	0	-6330	0.27	0.30	1.12	V
							245	3785	0.23	0.30	1.31	V
							520	-4228	0.27	0.30	1.09	V
16	110	PRIMO IMPALC ATO	5-23	5	2.5	Freq	0	-1798	0.00	0.40	-	V
							15	-1292	0.00	0.40	-	V
							145	-739	0.00	0.40	-	V
						Q.Perm	0	-1703	0.00	0.30	-	V
							15	-1231	0.00	0.30	-	V
							145	-674	0.00	0.30	-	V
17	111	PRIMO IMPALC ATO	12-6	5	2.5	Freq	0	-5266	0.30	0.40	1.34	V
							240	3460	0.26	0.40	1.52	V

							520	-3877	0.32	0.40	1.26	V
						Q.Perm	0	-4957	0.27	0.30	1.09	V
							240	3254	0.24	0.30	1.27	V
							520	-3636	0.29	0.30	1.05	V
18	112	PRIMO IMPALC ATO	6-24	5	2.5	Freq	0	598	0.00	0.40	-	V
							105	-1985	0.11	0.40	3.79	V
							150	-2655	0.23	0.40	1.75	V
						Q.Perm	0	555	0.00	0.30	-	V
							105	-1858	0.08	0.30	3.65	V
							150	-2472	0.19	0.30	1.54	V
19	113	PRIMO IMPALC ATO	6-36	6	2.5	Freq	0	1477	0.24	0.40	1.64	V
							105	-1696	0.17	0.40	2.35	V
							145	-2195	0.28	0.40	1.41	V
						Q.Perm	0	1345	0.19	0.30	1.61	V
							105	-1582	0.14	0.30	2.08	V
							145	-2044	0.25	0.30	1.20	V
20	114	PRIMO IMPALC ATO	7-8	6	2.5	Freq	0	421	0.00	0.40	-	V
							350	-626	0.00	0.40	-	V
							430	-1145	0.00	0.40	-	V
						Q.Perm	0	406	0.00	0.30	-	V
							350	-599	0.00	0.30	-	V
							430	-1097	0.00	0.30	-	V
21	115	PRIMO IMPALC ATO	13-7	5	2.5	Freq	0	-3122	0.31	0.40	1.27	V
							220	3024	0.30	0.40	1.35	V
							480	-4895	0.27	0.40	1.48	V
						Q.Perm	0	-2923	0.28	0.30	1.08	V
							220	2842	0.26	0.30	1.14	V
							480	-4610	0.25	0.30	1.22	V
22	116	PRIMO IMPALC ATO	32-7	6	2.5	Freq	0	-1946	0.23	0.40	1.75	V
							15	-1435	0.11	0.40	3.60	V
							145	1815	0.20	0.40	2.02	V
						Q.Perm	0	-1787	0.19	0.30	1.56	V
							15	-1320	0.08	0.30	3.55	V
							145	1643	0.16	0.30	1.89	V
23	117	PRIMO IMPALC ATO	8-9	6	2.5	Freq	0	-1071	0.00	0.40	-	V
							64	-495	0.00	0.40	-	V
							540	-674	0.00	0.40	-	V
						Q.Perm	0	-1025	0.00	0.30	-	V
							64	-473	0.00	0.30	-	V
							540	-640	0.00	0.30	-	V
24	118	PRIMO IMPALC ATO	14-8	5	2.5	Freq	0	-3713	0.30	0.40	1.35	V
							230	3452	0.26	0.40	1.53	V
							490	-6470	0.27	0.40	1.46	V
						Q.Perm	0	-3476	0.27	0.30	1.13	V
							230	3248	0.23	0.30	1.28	V
							490	-6105	0.25	0.30	1.18	V
25	119	PRIMO IMPALC ATO	9-10	6	2.5	Freq	0	-1023	0.00	0.40	-	V
							250	971	0.00	0.40	-	V
							530	-1022	0.00	0.40	-	V
						Q.Perm	0	-966	0.00	0.30	-	V
							250	914	0.00	0.30	-	V
							530	-966	0.00	0.30	-	V
26	125	PRIMO IMPALC ATO	15-9	5	2.5	Freq	0	-4773	0.33	0.40	1.22	V
							220	4064	0.26	0.40	1.56	V
							480	-6919	0.30	0.40	1.33	V

						Q.Perm	0	-4454	0.30	0.30	1.01	V
							220	3803	0.23	0.30	1.30	V
							480	-6505	0.28	0.30	1.08	V
27	126	PRIMO IMPALC ATO	9-41	5	2.5	Freq	0	-4710	0.32	0.40	1.24	V
							271	4033	0.25	0.40	1.57	V
							355	4242	0.28	0.40	1.45	V
						Q.Perm	0	-4452	0.30	0.30	1.01	V
							271	3814	0.23	0.30	1.29	V
							355	4009	0.25	0.30	1.19	V
28	130	PRIMO IMPALC ATO	10-11	6	2.5	Freq	0	-676	0.00	0.40	-	V
							446	-493	0.00	0.40	-	V
							540	-1069	0.00	0.40	-	V
						Q.Perm	0	-642	0.00	0.30	-	V
							446	-472	0.00	0.30	-	V
							540	-1023	0.00	0.30	-	V
29	131	PRIMO IMPALC ATO	16-10	5	2.5	Freq	0	-4759	0.33	0.40	1.22	V
							220	4052	0.26	0.40	1.56	V
							480	-6903	0.30	0.40	1.34	V
						Q.Perm	0	-4440	0.30	0.30	1.02	V
							220	3792	0.23	0.30	1.31	V
							480	-6490	0.28	0.30	1.09	V
30	132	PRIMO IMPALC ATO	10-42	5	2.5	Freq	0	-4700	0.32	0.40	1.24	V
							271	4027	0.25	0.40	1.57	V
							355	4237	0.28	0.40	1.45	V
						Q.Perm	0	-4443	0.30	0.30	1.01	V
							271	3809	0.23	0.30	1.29	V
							355	4005	0.25	0.30	1.19	V
31	136	PRIMO IMPALC ATO	11-12	6	2.5	Freq	0	-1150	0.00	0.40	-	V
							50	-629	0.00	0.40	-	V
							430	429	0.00	0.40	-	V
						Q.Perm	0	-1101	0.00	0.30	-	V
							50	-602	0.00	0.30	-	V
							430	413	0.00	0.30	-	V
32	137	PRIMO IMPALC ATO	17-11	5	2.5	Freq	0	-3698	0.29	0.40	1.36	V
							230	3436	0.26	0.40	1.54	V
							490	-6456	0.27	0.40	1.46	V
						Q.Perm	0	-3462	0.26	0.30	1.14	V
							230	3232	0.23	0.30	1.29	V
							490	-6092	0.25	0.30	1.18	V
33	138	PRIMO IMPALC ATO	18-12	5	2.5	Freq	0	-3127	0.32	0.40	1.27	V
							220	3022	0.30	0.40	1.35	V
							480	-4893	0.27	0.40	1.49	V
						Q.Perm	0	-2927	0.28	0.30	1.08	V
							220	2840	0.26	0.30	1.14	V
							480	-4610	0.25	0.30	1.22	V
34	139	PRIMO IMPALC ATO	12-37	6	2.5	Freq	0	1834	0.20	0.40	1.97	V
							105	-1452	0.11	0.40	3.48	V
							145	-1967	0.23	0.40	1.71	V
						Q.Perm	0	1660	0.16	0.30	1.84	V
							105	-1335	0.09	0.30	3.41	V
							145	-1806	0.20	0.30	1.53	V
35	140	PRIMO IMPALC ATO	13-14	6	2.5	Freq	0	-291	0.00	0.40	-	V
							150	781	0.00	0.40	-	V
							435	-1412	0.22	0.40	1.86	V
						Q.Perm	0	-291	0.00	0.30	-	V

							150	770	0.00	0.30	-	V
							435	-1391	0.21	0.30	1.46	V
36	141	PRIMO IMPALC ATO	25-13	5	2.5	Freq	0	-2462	0.19	0.40	2.07	V
							15	-1826	0.08	0.40	5.24	V
							150	531	0.00	0.40	-	V
						Q.Perm	0	-2290	0.16	0.30	1.86	V
							15	-1708	0.00	0.30	-	V
							150	492	0.00	0.30	-	V
37	142	PRIMO IMPALC ATO	33-13	6	2.5	Freq	0	-2114	0.27	0.40	1.50	V
							15	-1626	0.15	0.40	2.59	V
							145	1470	0.24	0.40	1.66	V
						Q.Perm	0	-1968	0.23	0.30	1.29	V
							15	-1516	0.13	0.30	2.33	V
							145	1339	0.18	0.30	1.63	V
38	143	PRIMO IMPALC ATO	14-15	6	2.5	Freq	0	-1719	0.18	0.40	2.28	V
							245	988	0.00	0.40	-	V
							530	-1268	0.15	0.40	2.62	V
						Q.Perm	0	-1701	0.17	0.30	1.75	V
							245	985	0.00	0.30	-	V
							530	-1268	0.15	0.30	1.97	V
39	144	PRIMO IMPALC ATO	26-14	5	2.5	Freq	0	-465	0.00	0.40	-	V
							105	-1336	0.00	0.40	-	V
							145	-1921	0.09	0.40	4.26	V
						Q.Perm	0	-400	0.00	0.30	-	V
							105	-1280	0.00	0.30	-	V
							145	-1818	0.00	0.30	-	V
40	145	PRIMO IMPALC ATO	15-16	6	2.5	Freq	0	-718	0.00	0.40	-	V
							250	392	0.00	0.40	-	V
							540	-719	0.00	0.40	-	V
						Q.Perm	0	-691	0.00	0.30	-	V
							250	372	0.00	0.30	-	V
							540	-691	0.00	0.30	-	V
41	146	PRIMO IMPALC ATO	27-15	5	2.5	Freq	0	-1993	0.11	0.40	3.74	V
							15	-1295	0.00	0.40	-	V
							145	-488	0.00	0.40	-	V
						Q.Perm	0	-1845	0.08	0.30	3.76	V
							15	-1206	0.00	0.30	-	V
							145	-463	0.00	0.30	-	V
42	147	PRIMO IMPALC ATO	16-17	6	2.5	Freq	0	-1269	0.15	0.40	2.62	V
							245	988	0.00	0.40	-	V
							530	-1719	0.18	0.40	2.28	V
						Q.Perm	0	-1269	0.15	0.30	1.96	V
							245	985	0.00	0.30	-	V
							530	-1701	0.17	0.30	1.75	V
43	148	PRIMO IMPALC ATO	28-16	5	2.5	Freq	0	-1986	0.11	0.40	3.78	V
							15	-1290	0.00	0.40	-	V
							145	-487	0.00	0.40	-	V
						Q.Perm	0	-1838	0.08	0.30	3.82	V
							15	-1202	0.00	0.30	-	V
							145	-462	0.00	0.30	-	V
44	149	PRIMO IMPALC ATO	17-18	6	2.5	Freq	0	-1415	0.22	0.40	1.85	V
							250	782	0.00	0.40	-	V
							435	-289	0.00	0.40	-	V
						Q.Perm	0	-1393	0.21	0.30	1.45	V
							250	771	0.00	0.30	-	V

							435	-289	0.00	0.30	-	V
45	150	PRIMO IMPALC ATO	29-17	5	2.5	Freq	0	-463	0.00	0.40	-	V
							105	-1332	0.00	0.40	-	V
							145	-1916	0.09	0.40	4.30	V
						Q.Perm	0	-398	0.00	0.30	-	V
							105	-1276	0.00	0.30	-	V
							145	-1813	0.00	0.30	-	V
46	151	PRIMO IMPALC ATO	30-18	5	2.5	Freq	0	-2465	0.19	0.40	2.06	V
							15	-1828	0.08	0.40	5.22	V
							150	533	0.00	0.40	-	V
						Q.Perm	0	-2293	0.16	0.30	1.85	V
							15	-1710	0.00	0.30	-	V
							150	494	0.00	0.30	-	V
47	152	PRIMO IMPALC ATO	18-38	6	2.5	Freq	0	1466	0.24	0.40	1.67	V
							105	-1624	0.15	0.40	2.60	V
							145	-2111	0.27	0.40	1.51	V
						Q.Perm	0	1336	0.18	0.30	1.64	V
							105	-1514	0.13	0.30	2.33	V
							145	-1965	0.23	0.30	1.29	V
48	153	PRIMO IMPALC ATO	19-20	7	2.5	Freq	0	178	0.00	0.40	-	V
							46	122	0.00	0.40	-	V
							430	14	0.00	0.40	-	V
						Q.Perm	0	178	0.00	0.30	-	V
							46	121	0.00	0.30	-	V
							430	12	0.00	0.30	-	V
49	156	PRIMO IMPALC ATO	34-19	7	2.5	Freq	0	61	0.00	0.40	-	V
							105	-178	0.00	0.40	-	V
							160	-235	0.00	0.40	-	V
						Q.Perm	0	60	0.00	0.30	-	V
							105	-178	0.00	0.30	-	V
							160	-234	0.00	0.30	-	V
50	157	PRIMO IMPALC ATO	20-21	7	2.5	Freq	0	-80	0.00	0.40	-	V
							394	-69	0.00	0.40	-	V
							510	-258	0.00	0.40	-	V
						Q.Perm	0	-76	0.00	0.30	-	V
							394	-64	0.00	0.30	-	V
							510	-242	0.00	0.30	-	V
51	161	PRIMO IMPALC ATO	21-22	7	2.5	Freq	0	258	0.00	0.40	-	V
							63	111	0.00	0.40	-	V
							560	258	0.00	0.40	-	V
						Q.Perm	0	241	0.00	0.30	-	V
							63	104	0.00	0.30	-	V
							560	241	0.00	0.30	-	V
52	165	PRIMO IMPALC ATO	22-23	7	2.5	Freq	0	-257	0.00	0.40	-	V
							56	-69	0.00	0.40	-	V
							510	-79	0.00	0.40	-	V
						Q.Perm	0	-242	0.00	0.30	-	V
							56	-64	0.00	0.30	-	V
							510	-75	0.00	0.30	-	V
53	169	PRIMO IMPALC ATO	23-24	7	2.5	Freq	0	14	0.00	0.40	-	V
							324	127	0.00	0.40	-	V
							430	188	0.00	0.40	-	V
						Q.Perm	0	12	0.00	0.30	-	V
							324	125	0.00	0.30	-	V
							430	187	0.00	0.30	-	V

54	172	PRIMO IMPALC ATO	24-39	7	2.5	Freq	0	-230	0.00	0.40	-	V
							15	-177	0.00	0.40	-	V
							160	35	0.00	0.40	-	V
						Q.Perm	0	-229	0.00	0.30	-	V
							15	-177	0.00	0.30	-	V
							160	35	0.00	0.30	-	V
55	173	PRIMO IMPALC ATO	25-26	7	2.5	Freq	0	157	0.00	0.40	-	V
							46	110	0.00	0.40	-	V
							430	-26	0.00	0.40	-	V
						Q.Perm	0	157	0.00	0.30	-	V
							46	109	0.00	0.30	-	V
							430	-25	0.00	0.30	-	V
56	176	PRIMO IMPALC ATO	35-25	7	2.5	Freq	0	20	0.00	0.40	-	V
							105	-149	0.00	0.40	-	V
							160	-195	0.00	0.40	-	V
						Q.Perm	0	20	0.00	0.30	-	V
							105	-149	0.00	0.30	-	V
							160	-195	0.00	0.30	-	V
57	177	PRIMO IMPALC ATO	26-27	7	2.5	Freq	0	-35	0.00	0.40	-	V
							394	50	0.00	0.40	-	V
							510	69	0.00	0.40	-	V
						Q.Perm	0	-34	0.00	0.30	-	V
							394	48	0.00	0.30	-	V
							510	67	0.00	0.30	-	V
58	181	PRIMO IMPALC ATO	27-28	7	2.5	Freq	0	-105	0.00	0.40	-	V
							63	-19	0.00	0.40	-	V
							560	-104	0.00	0.40	-	V
						Q.Perm	0	-103	0.00	0.30	-	V
							63	-19	0.00	0.30	-	V
							560	-102	0.00	0.30	-	V
59	185	PRIMO IMPALC ATO	28-29	7	2.5	Freq	0	68	0.00	0.40	-	V
							56	50	0.00	0.40	-	V
							510	-34	0.00	0.40	-	V
						Q.Perm	0	66	0.00	0.30	-	V
							56	48	0.00	0.30	-	V
							510	-33	0.00	0.30	-	V
60	189	PRIMO IMPALC ATO	29-30	7	2.5	Freq	0	-27	0.00	0.40	-	V
							324	111	0.00	0.40	-	V
							430	158	0.00	0.40	-	V
						Q.Perm	0	-26	0.00	0.30	-	V
							324	110	0.00	0.30	-	V
							430	158	0.00	0.30	-	V
61	192	PRIMO IMPALC ATO	30-40	7	2.5	Freq	0	-196	0.00	0.40	-	V
							15	-150	0.00	0.40	-	V
							160	20	0.00	0.40	-	V
						Q.Perm	0	-196	0.00	0.30	-	V
							15	-150	0.00	0.30	-	V
							160	20	0.00	0.30	-	V
62	193	PRIMO IMPALC ATO	32-31	7	2.5	Freq	0	-61	0.00	0.40	-	V
							420	123	0.00	0.40	-	V
							520	280	0.00	0.40	-	V
						Q.Perm	0	-56	0.00	0.30	-	V
							420	117	0.00	0.30	-	V
							520	265	0.00	0.30	-	V
63	197	PRIMO	31-34	7	2.5	Freq	0	-409	0.00	0.40	-	V

		IMPALC ATO										
							15	-274	0.00	0.40	-	V
							150	-29	0.00	0.40	-	V
						Q.Perm	0	-380	0.00	0.30	-	V
							15	-258	0.00	0.30	-	V
							150	-21	0.00	0.30	-	V
64	198	PRIMO IMPALC ATO	33-32	7	2.5	Freq	0	312	0.00	0.40	-	V
							55	134	0.00	0.40	-	V
							480	36	0.00	0.40	-	V
						Q.Perm	0	292	0.00	0.30	-	V
							55	126	0.00	0.30	-	V
							480	30	0.00	0.30	-	V
65	202	PRIMO IMPALC ATO	35-33	7	2.5	Freq	0	78	0.00	0.40	-	V
							105	-264	0.00	0.40	-	V
							150	-335	0.00	0.40	-	V
						Q.Perm	0	72	0.00	0.30	-	V
							105	-248	0.00	0.30	-	V
							150	-315	0.00	0.30	-	V
66	203	PRIMO IMPALC ATO	37-36	7	2.5	Freq	0	-60	0.00	0.40	-	V
							420	141	0.00	0.40	-	V
							520	328	0.00	0.40	-	V
						Q.Perm	0	-54	0.00	0.30	-	V
							420	132	0.00	0.30	-	V
							520	307	0.00	0.30	-	V
67	207	PRIMO IMPALC ATO	36-39	7	2.5	Freq	0	-350	0.00	0.40	-	V
							15	-276	0.00	0.40	-	V
							150	79	0.00	0.40	-	V
						Q.Perm	0	-329	0.00	0.30	-	V
							15	-260	0.00	0.30	-	V
							150	73	0.00	0.30	-	V
68	208	PRIMO IMPALC ATO	38-37	7	2.5	Freq	0	312	0.00	0.40	-	V
							55	134	0.00	0.40	-	V
							480	35	0.00	0.40	-	V
						Q.Perm	0	292	0.00	0.30	-	V
							55	126	0.00	0.30	-	V
							480	30	0.00	0.30	-	V
69	212	PRIMO IMPALC ATO	40-38	7	2.5	Freq	0	77	0.00	0.40	-	V
							105	-264	0.00	0.40	-	V
							150	-335	0.00	0.40	-	V
						Q.Perm	0	72	0.00	0.30	-	V
							105	-248	0.00	0.30	-	V
							150	-315	0.00	0.30	-	V
70	231	SECOND O IMPALC ATO	1-2	8	2.5	Freq	0	347	0.00	0.40	-	V
							350	-2492	0.00	0.40	-	V
							430	-3468	0.25	0.40	1.60	V
						Q.Perm	0	318	0.00	0.30	-	V
							350	-2359	0.00	0.30	-	V
							430	-3287	0.22	0.30	1.34	V
71	232	SECOND O IMPALC ATO	7-1	8	2.5	Freq	0	-6627	0.30	0.40	1.33	V
							245	4212	0.25	0.40	1.60	V
							520	-3853	0.31	0.40	1.30	V
						Q.Perm	0	-6228	0.27	0.30	1.09	V
							245	3955	0.22	0.30	1.34	V
							520	-3620	0.27	0.30	1.10	V

72	233	SECOND O IMPALC ATO	2-3	8	2.5	Freq	0	-5090	0.26	0.40	1.56	V
							60	-3322	0.23	0.40	1.75	V
							525	1777	0.00	0.40	-	V
						Q.Perm	0	-4825	0.24	0.30	1.28	V
							60	-3143	0.20	0.30	1.48	V
							525	1659	0.00	0.30	-	V
73	234	SECOND O IMPALC ATO	3-4	8	2.5	Freq	0	725	0.00	0.40	-	V
							250	2504	0.00	0.40	-	V
							560	720	0.00	0.40	-	V
						Q.Perm	0	671	0.00	0.30	-	V
							250	2375	0.00	0.30	-	V
							560	667	0.00	0.30	-	V
74	235	SECOND O IMPALC ATO	41-3	8	2.5	Freq	0	-7677	0.30	0.40	1.33	V
							14	-5780	0.20	0.40	1.99	V
							160	1763	0.00	0.40	-	V
						Q.Perm	0	-7243	0.28	0.30	1.08	V
							14	-5460	0.18	0.30	1.63	V
							160	1668	0.00	0.30	-	V
75	236	SECOND O IMPALC ATO	4-5	8	2.5	Freq	0	1769	0.00	0.40	-	V
							420	-3316	0.23	0.40	1.75	V
							525	-5082	0.26	0.40	1.56	V
						Q.Perm	0	1652	0.00	0.30	-	V
							420	-3138	0.20	0.30	1.49	V
							525	-4818	0.23	0.30	1.28	V
76	237	SECOND O IMPALC ATO	42-4	8	2.5	Freq	0	-7683	0.30	0.40	1.33	V
							14	-5785	0.20	0.40	1.99	V
							160	1765	0.00	0.40	-	V
						Q.Perm	0	-7249	0.28	0.30	1.08	V
							14	-5465	0.18	0.30	1.63	V
							160	1670	0.00	0.30	-	V
77	238	SECOND O IMPALC ATO	5-6	8	2.5	Freq	0	-3464	0.25	0.40	1.60	V
							50	-2489	0.00	0.40	-	V
							430	342	0.00	0.40	-	V
						Q.Perm	0	-3283	0.22	0.30	1.34	V
							50	-2356	0.00	0.30	-	V
							430	313	0.00	0.30	-	V
78	239	SECOND O IMPALC ATO	12-6	8	2.5	Freq	0	-6625	0.30	0.40	1.33	V
							245	4210	0.25	0.40	1.60	V
							520	-3859	0.31	0.40	1.30	V
						Q.Perm	0	-6226	0.27	0.30	1.09	V
							245	3953	0.22	0.30	1.35	V
							520	-3626	0.27	0.30	1.09	V
79	240	SECOND O IMPALC ATO	13-7	8	2.5	Freq	0	-2204	0.00	0.40	-	V
							173	3812	0.30	0.40	1.33	V
							490	-6667	0.30	0.40	1.32	V
						Q.Perm	0	-2056	0.00	0.30	-	V
							173	3574	0.27	0.30	1.13	V
							490	-6265	0.28	0.30	1.08	V
80	241	SECOND O	9-10	8	2.5	Freq	0	-794	0.00	0.40	-	V

		IMPALC ATO										
							250	988	0.00	0.40	-	V
							530	-793	0.00	0.40	-	V
						Q.Perm	0	-759	0.00	0.30	-	V
							250	948	0.00	0.30	-	V
							530	-758	0.00	0.30	-	V
81	242	SECOND O IMPALC ATO	15-9	8	2.5	Freq	0	-3081	0.19	0.40	2.06	V
							220	5076	0.26	0.40	1.57	V
							480	-7842	0.31	0.40	1.29	V
						Q.Perm	0	-2900	0.17	0.30	1.79	V
							220	4799	0.23	0.30	1.29	V
							480	-7414	0.29	0.30	1.04	V
82	243	SECOND O IMPALC ATO	9-41	8	2.5	Freq	0	-5550	0.29	0.40	1.37	V
							39	-3108	0.20	0.40	2.03	V
							350	-4677	0.30	0.40	1.34	V
						Q.Perm	0	-5250	0.27	0.30	1.11	V
							39	-2954	0.17	0.30	1.72	V
							350	-4387	0.27	0.30	1.12	V
83	244	SECOND O IMPALC ATO	16-10	8	2.5	Freq	0	-3080	0.19	0.40	2.06	V
							220	5077	0.26	0.40	1.57	V
							480	-7841	0.31	0.40	1.29	V
						Q.Perm	0	-2899	0.17	0.30	1.79	V
							220	4799	0.23	0.30	1.29	V
							480	-7413	0.29	0.30	1.04	V
84	245	SECOND O IMPALC ATO	10-42	8	2.5	Freq	0	-5547	0.29	0.40	1.37	V
							39	-3106	0.20	0.40	2.03	V
							350	-4680	0.30	0.40	1.34	V
						Q.Perm	0	-5248	0.27	0.30	1.12	V
							39	-2952	0.17	0.30	1.72	V
							350	-4390	0.27	0.30	1.12	V
85	246	SECOND O IMPALC ATO	18-12	8	2.5	Freq	0	-2208	0.00	0.40	-	V
							173	3812	0.30	0.40	1.33	V
							490	-6660	0.30	0.40	1.32	V
						Q.Perm	0	-2060	0.00	0.30	-	V
							173	3574	0.27	0.30	1.13	V
							490	-6258	0.28	0.30	1.08	V
86	247	SECOND O IMPALC ATO	13-14	8	2.5	Freq	0	-119	0.00	0.40	-	V
							350	-800	0.00	0.40	-	V
							430	-1468	0.00	0.40	-	V
						Q.Perm	0	-119	0.00	0.30	-	V
							350	-760	0.00	0.30	-	V
							430	-1398	0.00	0.30	-	V
87	248	SECOND O IMPALC ATO	14-15	8	2.5	Freq	0	-1507	0.00	0.40	-	V
							64	-624	0.00	0.40	-	V
							540	-926	0.00	0.40	-	V
						Q.Perm	0	-1436	0.00	0.30	-	V
							64	-592	0.00	0.30	-	V
							540	-895	0.00	0.30	-	V
88	249	SECOND O IMPALC ATO	15-16	8	2.5	Freq	0	-979	0.00	0.40	-	V

							250	803	0.00	0.40	-	V
							530	-978	0.00	0.40	-	V
						Q.Perm	0	-936	0.00	0.30	-	V
							250	770	0.00	0.30	-	V
							530	-936	0.00	0.30	-	V
89	250	SECOND O IMPALC ATO	16-17	8	2.5	Freq	0	-928	0.00	0.40	-	V
							446	-623	0.00	0.40	-	V
							540	-1506	0.00	0.40	-	V
						Q.Perm	0	-898	0.00	0.30	-	V
							446	-591	0.00	0.30	-	V
							540	-1435	0.00	0.30	-	V
90	251	SECOND O IMPALC ATO	17-18	8	2.5	Freq	0	-1472	0.00	0.40	-	V
							50	-803	0.00	0.40	-	V
							430	-115	0.00	0.40	-	V
						Q.Perm	0	-1401	0.00	0.30	-	V
							50	-763	0.00	0.30	-	V
							430	-115	0.00	0.30	-	V
91	252	SECOND O IMPALC ATO	41-42	8	2.5	Freq	0	-203	0.00	0.40	-	V
							250	1577	0.00	0.40	-	V
							530	-206	0.00	0.40	-	V
						Q.Perm	0	-202	0.00	0.30	-	V
							250	1503	0.00	0.30	-	V
							530	-204	0.00	0.30	-	V

2.4.3 Verifiche Travi di Fondazione in C.A. .

Qui di seguito vengono riportate le tabelle riportanti i risultati delle verifiche relative alle travi di fondazione della struttura.

2.4.3.1 Verifiche SLV - Flessione Composta

Camp : campata alla quale appartengono le aste riportate;
 Asta : numerazione interna dell'asta;
 Imp. : impalcato al quale appartiene l'asta considerata;
 Fili : fili fissi ai quali appartiene l'asta considerata;
 Tipo Sez. : tipo di sezione dell'asta considerata;
 ε_{c2} : deformazione di contrazione del calcestruzzo al raggiungimento della massima tensione;
 ε_{cu2} : deformazione ultima di contrazione del calcestruzzo;
 X : distanza dal nodo iniziale misurata lungo l'asse dell'asta
 Cop : distanza tra la superficie esterna dell'armatura più prossima alla superficie del calcestruzzo e la superficie stessa del calcestruzzo;
 A_{sup} : valore dell'area di armatura presente all'estradosso;
 A_{inf} : valore dell'area di armatura presente all'intradosso;
 A_{fl} : valore dell'area di armatura presente nella sezione;

Azioni Sollecitanti:

N_{sd} : Sforzo Normale Sollecitante;
 M_{sdXZ} : valore del Momento Flettente X-Z sollecitante di calcolo;
 M_{sdXY} : valore del Momento Flettente X-Y sollecitante di calcolo;

ε_{cls} : deformazione massima del calcestruzzo compresso
 ε_{acc} : deformazione massima dell'armatura tesa

Azioni Resistenti:

N_{Rd} : Sforzo Normale Resistente;
 M_{RdXZ} : valore del Momento Flettente X-Z resistente di calcolo;

M_{RdXY} : valore del Momento Flettente X-Y resistente di calcolo;

C : campo di rottura

S : valore del coefficiente di sicurezza minimo della sezione;

Esito : Esito della verifica : V = VERIFICATA;
: NV = NON VERIFICATA;

Tabella 45.I

Camp	Asta	Imp.	Fili	Tipo Sez.	σ _{c2} [%]	σ _{cu} 2 [%]	X [cm]	C _{op} [cm]	A _{sup} [cm²]	A _{inf} [cm²]	A _n [cm²]	Azioni Sollecitanti				σ _{cls} [%]	σ _{acc} [%]	Azioni Resistenti			C	S	Esit o
												N _{sd} [daN]	M _{sdxz} [daNm]	M _{sdy} [daNm]	N _{rd} [daN]			M _{sdxz} [daNm]	M _{sdy} [daNm]				
92	1	FONDA ZIONE	1-2	1	2.00	3.50	0	2.5	8.04	8.04	17.66	0	-469	-	3.50	36.30	-1	-13939	-	3	29.73	V	
					2.00	3.50	150	2.5	8.04	8.04	17.66	0	-8380	-	3.50	36.30	-1	-13939	-	3	1.66	V	
					2.00	3.50	435	2.5	8.04	8.04	17.66	0	7315	-	3.50	36.30	-1	13939	-	3	1.91	V	
93	2	FONDA ZIONE	7-1	1	2.00	3.50	0	2.5	10.05	14.07	25.70	0	18130	-	3.50	28.11	-3	23832	-	3	1.31	V	
					2.00	3.50	300	2.5	8.04	8.04	17.66	0	-10422	-	3.50	36.30	-1	-13939	-	3	1.34	V	
					2.00	3.50	520	2.5	8.04	8.04	17.66	0	-1665	-	3.50	36.30	-1	-13939	-	3	8.37	V	
94	3	FONDA ZIONE	2-3	1	2.00	3.50	0	2.5	8.04	8.04	17.66	0	7331	-	3.50	36.30	-1	13939	-	3	1.90	V	
					2.00	3.50	250	2.5	8.04	8.04	17.66	0	-7228	-	3.50	36.30	-1	-13939	-	3	1.93	V	
					2.00	3.50	535	2.5	14.07	22.12	37.76	0	23271	-	3.50	22.03	-3	36925	-	3	1.59	V	
95	4	FONDA ZIONE	8-2	1	2.00	3.50	0	2.5	8.04	8.04	17.66	0	6925	-	3.50	36.30	-1	13939	-	3	2.01	V	
					2.00	3.50	306	2.5	8.04	8.04	17.66	0	-7311	-	3.50	36.30	-1	-13939	-	3	1.91	V	
					2.00	3.50	520	2.5	8.04	8.04	17.66	0	-1973	-	3.50	36.30	-1	-13939	-	3	7.06	V	
96	5	FONDA ZIONE	3-4	1	2.00	3.50	0	2.5	12.06	18.10	31.73	0	20903	-	3.50	24.64	3	30388	-	3	1.45	V	
					2.00	3.50	250	2.5	8.04	8.04	17.66	0	-8390	-	3.50	36.30	-1	-13939	-	3	1.66	V	
					2.00	3.50	530	2.5	12.06	18.10	31.73	0	20844	-	3.50	24.64	3	30388	-	3	1.46	V	
97	6	FONDA ZIONE	9-3	1	2.00	3.50	0	2.5	10.05	14.07	25.70	0	17737	-	3.50	28.11	-3	23832	-	3	1.34	V	
					2.00	3.50	294	2.5	8.04	8.04	17.66	0	-12272	-	3.50	36.30	-1	-13939	-	3	1.14	V	
					2.00	3.50	520	2.5	8.04	8.04	17.66	0	-4092	-	3.50	36.30	-1	-13939	-	3	3.41	V	
98	7	FONDA ZIONE	4-5	1	2.00	3.50	0	2.5	14.07	22.12	37.76	0	23195	-	3.50	22.03	-3	36925	-	3	1.59	V	
					2.00	3.50	250	2.5	8.04	8.04	17.66	0	-7216	-	3.50	36.30	-1	-13939	-	3	1.93	V	
					2.00	3.50	535	2.5	8.04	8.04	17.66	0	7365	-	3.50	36.30	-1	13939	-	3	1.89	V	
99	8	FONDA ZIONE	10-4	1	2.00	3.50	0	2.5	10.05	14.07	25.70	0	17714	-	3.50	28.11	-3	23832	-	3	1.35	V	
					2.00	3.50	294	2.5	8.04	8.04	17.66	0	-12256	-	3.50	36.30	-1	-13939	-	3	1.14	V	
					2.00	3.50	520	2.5	8.04	8.04	17.66	0	-4097	-	3.50	36.30	-1	-13939	-	3	3.40	V	
100	9	FONDA ZIONE	5-6	1	2.00	3.50	0	2.5	8.04	8.04	17.66	0	7335	-	3.50	36.30	-1	13939	-	3	1.90	V	
					2.00	3.50	250	2.5	8.04	8.04	17.66	0	-8355	-	3.50	36.30	-1	-13939	-	3	1.67	V	
					2.00	3.50	435	2.5	8.04	8.04	17.66	0	-507	-	3.50	36.30	-1	-13939	-	3	27.48	V	
101	10	FONDA ZIONE	11-5	1	2.00	3.50	0	2.5	8.04	8.04	17.66	0	6908	-	3.50	36.30	-1	13939	-	3	2.02	V	
					2.00	3.50	306	2.5	8.04	8.04	17.66	0	-7303	-	3.50	36.30	-1	-13939	-	3	1.91	V	
					2.00	3.50	520	2.5	8.04	8.04	17.66	0	-1968	-	3.50	36.30	-1	-13939	-	3	7.08	V	
102	11	FONDA ZIONE	12-6	1	2.00	3.50	0	2.5	10.05	14.07	25.70	0	18133	-	3.50	28.11	-3	23832	-	3	1.31	V	
					2.00	3.50	300	2.5	8.04	8.04	17.66	0	-10396	-	3.50	36.30	-1	-13939	-	3	1.34	V	
					2.00	3.50	520	2.5	8.04	8.04	17.66	0	-1685	-	3.50	36.30	-1	-13939	-	3	8.27	V	
103	12	FONDA ZIONE	7-8	1	2.00	3.50	0	2.5	8.04	8.04	17.66	0	2189	-	3.50	36.30	-1	13939	-	3	6.37	V	
					2.00	3.50	200	2.5	8.04	8.04	17.66	0	-7478	-	3.50	36.30	-1	-13939	-	3	1.86	V	
					2.00	3.50	430	2.5	8.04	8.04	17.66	0	-232	-	3.50	36.30	-1	-13939	-	3	60.15	V	
104	13	FONDA ZIONE	13-7	1	2.00	3.50	0	2.5	8.04	8.04	17.66	0	-1548	-	3.50	36.30	-1	-13939	-	3	9.01	V	
					2.00	3.50	165	2.5	8.04	8.04	17.66	0	-9176	-	3.50	36.30	-1	-13939	-	3	1.52	V	
					2.00	3.50	480	2.5	10.05	14.07	25.70	0	17870	-	3.50	28.11	-3	23832	-	3	1.33	V	
105	14	FONDA ZIONE	8-9	1	2.00	3.50	0	2.5	8.04	8.04	17.66	0	313	-	3.50	36.30	-1	13939	-	3	44.51	V	
					2.00	3.50	446	2.5	8.04	8.04	17.66	0	8067	-	3.50	36.30	-1	13939	-	3	1.73	V	
					2.00	3.50	540	2.5	14.07	22.12	37.76	0	24250	-	3.50	22.03	-3	36925	-	3	1.52	V	
106	15	FONDA ZIONE	14-8	1	2.00	3.50	0	2.5	8.04	8.04	17.66	0	-837	-	3.50	36.30	-1	-13939	-	3	16.65	V	
					2.00	3.50	173	2.5	8.04	8.04	17.66	0	-6123	-	3.50	36.30	-1	-13939	-	3	2.28	V	
					2.00	3.50	490	2.5	8.04	8.04	17.66	0	7421	-	3.50	36.30	-1	13939	-	3	1.88	V	
107	16	FONDA ZIONE	9-10	1	2.00	3.50	0	2.5	12.06	18.10	31.73	0	21286	-	3.50	24.64	3	30388	-	3	1.43	V	
					2.00	3.50	250	2.5	8.04	8.04	17.66	0	-7923	-	3.50	36.30	-1	-13939	-	3	1.76	V	
					2.00	3.50	530	2.5	12.06	18.10	31.73	0	21250	-	3.50	24.64	3	30388	-	3	1.43	V	
108	17	FONDA ZIONE	15-9	1	2.00	3.50	0	2.5	8.04	8.04	17.66	0	-2821	-	3.50	36.30	-1	-13939	-	3	4.94	V	
					2.00	3.50	165	2.5	8.04	8.04	17.66	0	-9385	-	3.50	36.30	-1	-13939	-	3	1.49	V	
					2.00	3.50	480	2.5	12.06	18.10	31.73	0	21984	-	3.50	24.64	3	30388	-	3	1.38	V	
109	18	FONDA ZIONE	10-11	1	2.00	3.50	0	2.5	14.07	22.12	37.76	0	24199	-	3.50	22.03	-3	36925	-	3	1.53	V	
					2.00	3.50	64	2.5	8.04	8.04	17.66	0	8044	-	3.50	36.30	-1	13939	-	3	1.73	V	
					2.00	3.50	540	2.5	8.04	8.04	17.66	0	318	-	3.50	36.30	-1	13939	-	3	43.85	V	
110	19	FONDA ZIONE	16-10	1	2.00	3.50	0	2.5	8.04	8.04	17.66	0	-2819	-	3.50	36.30	-1	-13939	-	3	4.95	V	
					2.00	3.50	165	2.5	8.04	8.04	17.66	0	-9374	-	3.50	36.30	-1	-13939	-	3	1.49	V	
					2.00	3.50	480	2.5	12.06	18.10	31.73	0	21960	-	3.50	24.64	3	30388	-	3	1.38	V	
111	20	FONDA ZIONE	11-12	1	2.00	3.50	0	2.5	8.04	8.04	17.66	0	-237	-	3.50	36.30	-1	-13939	-	3	58.74	V	
					2.00	3.50	200	2.5	8.04	8.04	17.66	0	-7477	-	3.50	36.30	-1	-13939	-	3	1.66	V	
					2.00	3.50	430	2.5	8.04	8.04	17.66	0	2204	-	3.50	36.30	-1	13939	-	3	6.33	V	

112	21	FONDA ZIONE	17-1 1	1	2.00	3.50	0	2.5	8.04	8.04	17.66	0	-845	-	3.50	36.30	-1	-13939	-	3	16.49	V
					2.00	3.50	173	2.5	8.04	8.04	17.66	0	-6119	-	3.50	36.30	-1	-13939	-	3	2.28	V
					2.00	3.50	490	2.5	8.04	8.04	17.66	0	7440	-	3.50	36.30	-1	13939	-	3	1.87	V
113	22	FONDA ZIONE	18-1 2	1	2.00	3.50	0	2.5	8.04	8.04	17.66	0	-1560	-	3.50	36.30	-1	-13939	-	3	8.94	V
					2.00	3.50	165	2.5	8.04	8.04	17.66	0	-9184	-	3.50	36.30	-1	-13939	-	3	1.52	V
					2.00	3.50	480	2.5	10.05	14.07	25.70	0	17921	-	3.50	28.11	-3	23832	-	3	1.33	V
114	23	FONDA ZIONE	13-1 4	1	2.00	3.50	0	2.5	8.04	8.04	17.66	0	-482	-	3.50	36.30	-1	-13939	-	3	28.90	V
					2.00	3.50	150	2.5	8.04	8.04	17.66	0	-7902	-	3.50	36.30	-1	-13939	-	3	1.76	V
					2.00	3.50	435	2.5	8.04	8.04	17.66	0	7037	-	3.50	36.30	-1	13939	-	3	1.98	V
115	24	FONDA ZIONE	14-1 5	1	2.00	3.50	0	2.5	8.04	8.04	17.66	0	7218	-	3.50	36.30	-1	13939	-	3	1.93	V
					2.00	3.50	245	2.5	8.04	8.04	17.66	0	-6204	-	3.50	36.30	-1	-13939	-	3	2.25	V
					2.00	3.50	530	2.5	8.04	10.05	19.67	0	16551	-	3.50	33.02	0	17245	-	3	1.04	V
116	25	FONDA ZIONE	15-1 6	1	2.00	3.50	0	2.5	8.04	10.05	19.67	0	16503	-	3.50	33.02	0	17245	-	3	1.04	V
					2.00	3.50	250	2.5	8.04	8.04	17.66	0	-6956	-	3.50	36.30	-1	-13939	-	3	2.00	V
					2.00	3.50	540	2.5	8.04	10.05	19.67	0	16477	-	3.50	33.02	0	17245	-	3	1.05	V
117	26	FONDA ZIONE	16-1 7	1	2.00	3.50	0	2.5	8.04	10.05	19.67	0	16527	-	3.50	33.02	0	17245	-	3	1.04	V
					2.00	3.50	245	2.5	8.04	8.04	17.66	0	-6198	-	3.50	36.30	-1	-13939	-	3	2.25	V
					2.00	3.50	530	2.5	8.04	8.04	17.66	0	7198	-	3.50	36.30	-1	13939	-	3	1.94	V
118	27	FONDA ZIONE	17-1 8	1	2.00	3.50	0	2.5	8.04	8.04	17.66	0	7012	-	3.50	36.30	-1	13939	-	3	1.99	V
					2.00	3.50	250	2.5	8.04	8.04	17.66	0	-7902	-	3.50	36.30	-1	-13939	-	3	1.76	V
					2.00	3.50	435	2.5	8.04	8.04	17.66	0	-477	-	3.50	36.30	-1	-13939	-	3	29.23	V
119	28	FONDA ZIONE	19-2 0	9	2.00	3.50	0	2.5	8.04	8.04	16.08	0	640	-	3.50	27.63	-1	10792	-	3	16.87	V
					2.00	3.50	215	2.5	8.04	8.04	16.08	0	-310	-	3.50	27.63	-1	-10792	-	3	34.86	V
					2.00	3.50	430	2.5	8.04	8.04	16.08	0	545	-	3.50	27.63	-1	10792	-	3	19.82	V
120	31	FONDA ZIONE	34-1 9	9	2.00	3.50	0	2.5	8.04	8.04	16.08	0	447	-	3.50	27.63	-1	10792	-	3	24.13	V
					2.00	3.50	26	2.5	8.04	8.04	16.08	0	-509	-	3.50	27.63	-1	-10792	-	3	21.18	V
					2.00	3.50	105	2.5	8.04	8.04	16.08	0	638	-	3.50	27.63	-1	10792	-	3	16.93	V
121	32	FONDA ZIONE	20-2 1	9	2.00	3.50	0	2.5	8.04	8.04	16.08	0	546	-	3.50	27.63	-1	10792	-	3	19.75	V
					2.00	3.50	428	2.5	8.04	8.04	16.08	0	536	-	3.50	27.63	-1	10792	-	3	20.12	V
					2.00	3.50	570	2.5	8.04	8.04	16.08	0	477	-	3.50	27.63	-1	10792	-	3	22.63	V
122	36	FONDA ZIONE	21-2 2	9	2.00	3.50	0	2.5	8.04	8.04	16.08	0	477	-	3.50	27.63	-1	10792	-	3	22.62	V
					2.00	3.50	250	2.5	8.04	8.04	16.08	0	401	-	3.50	27.63	-1	10792	-	3	26.94	V
					2.00	3.50	500	2.5	8.04	8.04	16.08	0	477	-	3.50	27.63	-1	10792	-	3	22.64	V
123	40	FONDA ZIONE	22-2 3	9	2.00	3.50	0	2.5	8.04	8.04	16.08	0	477	-	3.50	27.63	-1	10792	-	3	22.64	V
					2.00	3.50	143	2.5	8.04	8.04	16.08	0	536	-	3.50	27.63	-1	10792	-	3	20.15	V
					2.00	3.50	570	2.5	8.04	8.04	16.08	0	540	-	3.50	27.63	-1	10792	-	3	19.97	V
124	44	FONDA ZIONE	23-2 4	9	2.00	3.50	0	2.5	8.04	8.04	16.08	0	539	-	3.50	27.63	-1	10792	-	3	20.02	V
					2.00	3.50	215	2.5	8.04	8.04	16.08	0	-300	-	3.50	27.63	-1	-10792	-	3	35.96	V
					2.00	3.50	430	2.5	8.04	8.04	16.08	0	660	-	3.50	27.63	-1	10792	-	3	16.35	V
125	47	FONDA ZIONE	24-3 9	9	2.00	3.50	0	2.5	8.04	8.04	16.08	0	659	-	3.50	27.63	-1	10792	-	3	16.39	V
					2.00	3.50	44	2.5	8.04	8.04	16.08	0	-548	-	3.50	27.63	-1	-10792	-	3	19.68	V
					2.00	3.50	105	2.5	8.04	8.04	16.08	0	355	-	3.50	27.63	-1	10792	-	3	30.36	V
126	48	FONDA ZIONE	25-2 6	9	2.00	3.50	0	2.5	8.04	8.04	16.08	0	662	-	3.50	27.63	-1	10792	-	3	16.31	V
					2.00	3.50	215	2.5	8.04	8.04	16.08	0	-295	-	3.50	27.63	-1	-10792	-	3	36.54	V
					2.00	3.50	430	2.5	8.04	8.04	16.08	0	564	-	3.50	27.63	-1	10792	-	3	19.14	V
127	51	FONDA ZIONE	35-2 5	9	2.00	3.50	0	2.5	8.04	8.04	16.08	0	330	-	3.50	27.63	-1	10792	-	3	32.70	V
					2.00	3.50	26	2.5	8.04	8.04	16.08	0	-555	-	3.50	27.63	-1	-10792	-	3	19.45	V
					2.00	3.50	105	2.5	8.04	8.04	16.08	0	662	-	3.50	27.63	-1	10792	-	3	16.31	V
128	52	FONDA ZIONE	26-2 7	9	2.00	3.50	0	2.5	8.04	8.04	16.08	0	564	-	3.50	27.63	-1	10792	-	3	19.13	V
					2.00	3.50	428	2.5	8.04	8.04	16.08	0	592	-	3.50	27.63	-1	10792	-	3	18.24	V
					2.00	3.50	570	2.5	8.04	8.04	16.08	0	534	-	3.50	27.63	-1	10792	-	3	20.22	V
129	56	FONDA ZIONE	27-2 8	9	2.00	3.50	0	2.5	8.04	8.04	16.08	0	533	-	3.50	27.63	-1	10792	-	3	20.23	V
					2.00	3.50	250	2.5	8.04	8.04	16.08	0	445	-	3.50	27.63	-1	10792	-	3	24.23	V
					2.00	3.50	500	2.5	8.04	8.04	16.08	0	533	-	3.50	27.63	-1	10792	-	3	20.24	V
130	60	FONDA ZIONE	28-2 9	9	2.00	3.50	0	2.5	8.04	8.04	16.08	0	533	-	3.50	27.63	-1	10792	-	3	20.23	V
					2.00	3.50	143	2.5	8.04	8.04	16.08	0	591	-	3.50	27.63	-1	10792	-	3	18.25	V
					2.00	3.50	570	2.5	8.04	8.04	16.08	0	565	-	3.50	27.63	-1	10792	-	3	19.10	V
131	64	FONDA ZIONE	29-3 0	9	2.00	3.50	0	2.5	8.04	8.04	16.08	0	565	-	3.50	27.63	-1	10792	-	3	19.11	V
					2.00	3.50	215	2.5	8.04	8.04	16.08	0	-298	-	3.50	27.63	-1	-10792	-	3	36.26	V
					2.00	3.50	430	2.5	8.04	8.04	16.08	0	664	-	3.50	27.63	-1	10792	-	3	16.25	V
132	67	FONDA ZIONE	30-4 0	9	2.00	3.50	0	2.5	8.04	8.04	16.08	0	664	-	3.50	27.63	-1	10792	-	3	16.25	V
					2.00	3.50	44	2.5	8.04	8.04	16.08	0	-555	-	3.50	27.63	-1	-10792	-	3	19.45	V
					2.00	3.50	105	2.5	8.04	8.04	16.08	0	334	-	3.50	27.63	-1	10792	-	3	32.35	V
133	68	FONDA ZIONE	32-3 1	9	2.00	3.50	0	2.5	8.04	8.04	16.08	0	482	-	3.50	27.63	-1	10792	-	3	22.37	V
					2.00	3.50	390	2.5	8.04	8.04	16.08	0	486	-	3.50	27.63	-1	10792	-	3	22.22	V
					2.00	3.50	520	2.5	8.04	8.04	16.08	0	640	-	3.50	27.63	-1	10792	-	3	16.86	V
134	72	FONDA ZIONE	31-3 4	9	2.00	3.50	0	2.5	8.04	8.04	16.08	0	639	-	3.50	27.63	-1	10792	-	3	16.89	V
					2.00	3.50	53	2.5	8.04	8.04	16.08	0	-778	-	3.50	27.63	-1	-10792	-	3	13.86	V
					2.00	3.50	105	2.5	8.04	8.04	16.08	0	533	-	3.50	27.63	-1	10792	-	3	20.25	V
135	73	FONDA ZIONE	33-3 2	9	2.00	3.50	0	2.5	8.04	8.04	16.08	0	619	-	3.50	27.63	-1	10792	-	3	17.45	V
					2.00	3.50	390	2.5	8.04	8.04	16.08	0	473	-	3.50	27.63	-1	10792	-	3	22.81	V
					2.00	3.5																

97	6	FONDA ZIONE	9-3	1	2.5	Ini	2.5	0.00	0	18934	-	42765	8	4	19	470	-	2.26	V
98	7	FONDA ZIONE	4-5	1	2.5	Ini	2.5	0.00	0	19994	-	42765	8	4	19	500	-	2.14	V
99	8	FONDA ZIONE	10-4	1	2.5	Ini	2.5	0.00	0	18908	-	42765	8	4	19	470	-	2.26	V
100	9	FONDA ZIONE	5-6	1	2.5	Ini	2.5	0.00	0	12086	-	42765	8	4	19	400	-	3.54	V
101	10	FONDA ZIONE	11-5	1	2.5	Ini	2.5	0.00	0	8310	-	42765	8	4	19	490	-	5.15	V
102	11	FONDA ZIONE	12-6	1	2.5	Ini	2.5	0.00	0	17601	-	42765	8	4	19	480	-	2.43	V
103	12	FONDA ZIONE	7-8	1	2.5	Ini	2.5	0.00	0	10780	-	42765	8	4	19	400	-	3.97	V
104	13	FONDA ZIONE	13-7	1	2.5	Ini	2.5	0.00	0	17468	-	42765	8	4	19	440	-	2.45	V
105	14	FONDA ZIONE	8-9	1	2.5	Ini	2.5	0.00	0	19328	-	42765	8	4	19	510	-	2.21	V
106	15	FONDA ZIONE	14-8	1	2.5	Ini	2.5	0.00	0	8352	-	42765	8	4	19	460	-	5.12	V
107	16	FONDA ZIONE	9-10	1	2.5	Ini	2.5	0.00	0	20172	-	42765	8	4	19	500	-	2.12	V
108	17	FONDA ZIONE	15-9	1	2.5	Ini	2.5	0.00	0	19716	-	42765	8	4	19	440	-	2.17	V
109	18	FONDA ZIONE	10-11	1	2.5	Ini	2.5	0.00	0	19298	-	42765	8	4	19	510	-	2.22	V
110	19	FONDA ZIONE	16-10	1	2.5	Ini	2.5	0.00	0	19692	-	42765	8	4	19	440	-	2.17	V
111	20	FONDA ZIONE	11-12	1	2.5	Ini	2.5	0.00	0	10788	-	42765	8	4	19	400	-	3.96	V
112	21	FONDA ZIONE	17-11	1	2.5	Ini	2.5	0.00	0	8354	-	42765	8	4	19	460	-	5.12	V
113	22	FONDA ZIONE	18-12	1	2.5	Ini	2.5	0.00	0	17491	-	42765	8	4	19	440	-	2.44	V
114	23	FONDA ZIONE	13-14	1	2.5	Ini	2.5	0.00	0	11350	-	42765	8	4	19	400	-	3.77	V
115	24	FONDA ZIONE	14-15	1	2.5	Ini	2.5	0.00	0	15641	-	42765	8	4	19	490	-	2.73	V
116	25	FONDA ZIONE	15-16	1	2.5	Ini	2.5	0.00	0	16399	-	42765	8	4	19	500	-	2.61	V
117	26	FONDA ZIONE	16-17	1	2.5	Ini	2.5	0.00	0	15621	-	42765	8	4	19	490	-	2.74	V
118	27	FONDA ZIONE	17-18	1	2.5	Ini	2.5	0.00	0	11336	-	42765	8	4	19	400	-	3.77	V
119	28	FONDA ZIONE	19-20	9	2.5	Ini	2.5	0.00	0	2596	-	33448	8	4	19	430	-	12.89	V
120	31	FONDA ZIONE	34-19	9	2.5	Ini	2.5	0.00	0	2840	-	33448	8	4	19	70	-	11.78	V
121	32	FONDA ZIONE	20-21	9	2.5	Ini	2.5	0.00	0	2419	-	33448	8	4	19	570	-	13.83	V
122	36	FONDA ZIONE	21-22	9	2.5	Ini	2.5	0.00	0	2095	-	33448	8	4	19	500	-	15.96	V
123	40	FONDA ZIONE	22-23	9	2.5	Ini	2.5	0.00	0	2373	-	33448	8	4	19	570	-	14.09	V
124	44	FONDA ZIONE	23-24	9	2.5	Ini	2.5	0.00	0	2542	-	33448	8	4	19	430	-	13.16	V
125	47	FONDA ZIONE	24-39	9	2.5	Ini	2.5	0.00	0	2902	-	33448	8	4	19	70	-	11.53	V
126	48	FONDA ZIONE	25-26	9	2.5	Ini	2.5	0.00	0	2517	-	33448	8	4	19	430	-	13.29	V
127	51	FONDA ZIONE	35-25	9	2.5	Ini	2.5	0.00	0	2890	-	33448	8	4	19	70	-	11.58	V
128	52	FONDA ZIONE	26-27	9	2.5	Ini	2.5	0.00	0	2434	-	33448	8	4	19	570	-	13.74	V
129	56	FONDA ZIONE	27-28	9	2.5	Ini	2.5	0.00	0	2214	-	33448	8	4	19	500	-	15.11	V
130	60	FONDA ZIONE	28-29	9	2.5	Ini	2.5	0.00	0	2442	-	33448	8	4	19	570	-	13.70	V
131	64	FONDA ZIONE	29-30	9	2.5	Ini	2.5	0.00	0	2532	-	33448	8	4	19	430	-	13.21	V
132	67	FONDA ZIONE	30-40	9	2.5	Ini	2.5	0.00	0	2902	-	33448	8	4	19	70	-	11.52	V
133	68	FONDA ZIONE	32-31	9	2.5	Ini	2.5	0.00	0	2499	-	33448	8	4	19	520	-	13.39	V
134	72	FONDA ZIONE	31-34	9	2.5	Ini	2.5	0.00	0	3020	-	33448	8	4	19	70	-	11.08	V
135	73	FONDA ZIONE	33-32	9	2.5	Ini	2.5	0.00	0	2361	-	33448	8	4	19	520	-	14.17	V
136	77	FONDA ZIONE	35-33	9	2.5	Ini	2.5	0.00	0	2928	-	33448	8	4	19	70	-	11.42	V
137	78	FONDA ZIONE	37-36	9	2.5	Ini	2.5	0.00	0	2439	-	33448	8	4	19	520	-	13.71	V
138	82	FONDA ZIONE	36-39	9	2.5	Ini	2.5	0.00	0	3024	-	33448	8	4	19	70	-	11.06	V
139	83	FONDA ZIONE	38-37	9	2.5	Ini	2.5	0.00	0	2367	-	33448	8	4	19	520	-	14.13	V
140	87	FONDA ZIONE	40-38	9	2.5	Ini	2.5	0.00	0	2941	-	33448	8	4	19	70	-	11.37	V

2.4.3.3 Verifiche SLE - Stato Tensionale.

Camp : campata alla quale appartengono le aste riportate;
Asta : numerazione interna dell'asta;

Imp. : impalcato al quale appartiene l'asta considerata;
 Fili : fili fissi ai quali appartiene l'asta considerata;
 Tipo Sez. : tipo di sezione dell'asta considerata;
 Cop : distanza tra la superficie esterna dell'armatura più prossima alla superficie del calcestruzzo e la superficie stessa del calcestruzzo;
 Comb : tipo di combinazione a cui la verifica è riferita;
 X : distanza dal nodo iniziale misurata lungo l'asse dell'asta;

Azioni Sollecitanti:

N_{sd} : Sforzo Normale Sollecitante;
 M_{sdXZ} : valore del Momento Flettente X-Z sollecitante di calcolo;
 M_{sdXY} : valore del Momento Flettente X-Y sollecitante di calcolo;

Tensioni:

σ_c : tensioni d'esercizio del calcestruzzo;
 σ_s : tensioni d'esercizio dell'acciaio;

Tensioni Limite:

$\sigma_{c,lim}$: Tensioni limite del calcestruzzo;
 $\sigma_{s,lim}$: Tensioni limite dell'acciaio;

S : valore del coefficiente di sicurezza minimo della sezione;

Esito : Esito della verifica : V = VERIFICATA;
 : NV = NON VERIFICATA;

Tabella 47.I

Camp	Asta	Imp.	Fili	Tipo Sez.	Cop [cm]	Comb	X [cm]	Azioni Sollecitanti			Tensioni		Tensioni Limite		S	Esito
								N_{sd} [daN]	M_{sdXZ} [daNm]	M_{sdXY} [daNm]	σ_c [daN/cm ²]	σ_s [daN/cm ²]	$\sigma_{c,lim}$ [daN/cm ²]	$\sigma_{s,lim}$ [daN/cm ²]		
92	1	FONDAZI ONE	1-2	1	2.5	Caratt.	0	0	-235	-	1.30	-68.81	150.00	3600.00	52.32	V
							150	0	-6039	-	33.41	-1770.74	150.00	3600.00	2.03	V
							435	0	4051	-	22.41	-1187.79	150.00	3600.00	3.03	V
							Q.Perm	0	-247	-	1.36	-72.29	112.50	3600.00	49.80	V
							150	0	-5129	-	28.38	-1504.01	112.50	3600.00	2.39	V
							435	0	3508	-	19.41	-1028.55	112.50	3600.00	3.50	V
93	2	FONDAZI ONE	7-1	1	2.5	Caratt.	0	0	10039	-	43.90	-1711.43	150.00	3600.00	2.10	V
							300	0	-7505	-	41.53	-2200.65	150.00	3600.00	1.64	V
							520	0	-735	-	4.07	-215.47	150.00	3600.00	16.71	V
							Q.Perm	0	8233	-	36.00	-1403.64	112.50	3600.00	2.56	V
							300	0	-6295	-	34.84	-1846.06	112.50	3600.00	1.95	V
							520	0	-589	-	3.26	-172.81	112.50	3600.00	20.83	V
94	3	FONDAZI ONE	2-3	1	2.5	Caratt.	0	0	4068	-	22.51	-1193.01	150.00	3600.00	3.02	V
							250	0	-5209	-	28.83	-1527.55	150.00	3600.00	2.36	V
							535	0	12897	-	46.14	-1419.16	150.00	3600.00	2.54	V
							Q.Perm	0	3503	-	19.38	-1027.09	112.50	3600.00	3.51	V
							250	0	-4422	-	24.47	-1296.80	112.50	3600.00	2.78	V
							535	0	10873	-	38.90	-1196.44	112.50	3600.00	2.89	V
95	4	FONDAZI ONE	8-2	1	2.5	Caratt.	0	0	3802	-	21.04	-1114.91	150.00	3600.00	3.23	V
							306	0	-5231	-	28.95	-1533.92	150.00	3600.00	2.35	V
							520	0	-946	-	5.23	-277.34	150.00	3600.00	12.98	V
							Q.Perm	0	3055	-	16.90	-895.84	112.50	3600.00	4.02	V
							306	0	-4491	-	24.85	-1316.87	112.50	3600.00	2.73	V
							520	0	-667	-	3.69	-195.49	112.50	3600.00	18.42	V
96	5	FONDAZI ONE	3-4	1	2.5	Caratt.	0	0	11580	-	45.31	-1547.69	150.00	3600.00	2.33	V
							250	0	-6046	-	33.46	-1772.94	150.00	3600.00	2.03	V
							530	0	11548	-	45.18	-1543.41	150.00	3600.00	2.33	V
							Q.Perm	0	9807	-	38.37	-1310.64	112.50	3600.00	2.75	V
							250	0	-5111	-	28.28	-1498.72	112.50	3600.00	2.40	V
							530	0	9781	-	38.27	-1307.20	112.50	3600.00	2.75	V
97	6	FONDAZI ONE	9-3	1	2.5	Caratt.	0	0	9837	-	43.02	-1677.02	150.00	3600.00	2.15	V
							294	0	-8843	-	48.93	-2593.18	150.00	3600.00	1.39	V
							520	0	-2164	-	11.98	-634.66	150.00	3600.00	5.67	V
							Q.Perm	0	8032	-	35.12	-1369.32	112.50	3600.00	2.63	V
							294	0	-7406	-	40.98	-2171.77	112.50	3600.00	1.66	V
							520	0	-1757	-	9.72	-515.20	112.50	3600.00	6.99	V
98	7	FONDAZI ONE	4-5	1	2.5	Caratt.	0	0	12856	-	45.99	-1414.58	150.00	3600.00	2.54	V
							250	0	-5201	-	28.78	-1525.07	150.00	3600.00	2.36	V
							535	0	4087	-	22.61	-1198.35	150.00	3600.00	3.00	V
							Q.Perm	0	10841	-	38.79	-1192.93	112.50	3600.00	2.90	V
							250	0	-4417	-	24.44	-1295.13	112.50	3600.00	2.78	V
							535	0	3516	-	19.46	-1031.02	112.50	3600.00	3.49	V
99	8	FONDAZI ONE	10-4	1	2.5	Caratt.	0	0	9825	-	42.96	-1674.92	150.00	3600.00	2.15	V
							294	0	-8832	-	48.87	-2589.85	150.00	3600.00	1.39	V
							520	0	-2170	-	12.01	-636.21	150.00	3600.00	5.66	V

						Q.Perm	0	0	8021	-	35.08	-1367.46	112.50	3600.00	2.63	V
							294	0	-7397	-	40.93	-2169.10	112.50	3600.00	1.66	V
							520	0	-1761	-	9.74	-516.30	112.50	3600.00	6.97	V
100	9	FONDAZI ONE	5-6	1	2.5	Caratt.	0	0	4062	-	22.48	-1191.03	150.00	3600.00	3.02	V
							250	0	-6021	-	33.32	-1765.48	150.00	3600.00	2.04	V
							435	0	-256	-	1.41	-74.95	150.00	3600.00	48.03	V
						Q.Perm	0	0	3515	-	19.45	-1030.85	112.50	3600.00	3.49	V
							250	0	-5119	-	28.33	-1501.05	112.50	3600.00	2.40	V
							435	0	-262	-	1.45	-76.97	112.50	3600.00	46.77	V
101	10	FONDAZI ONE	11-5	1	2.5	Caratt.	0	0	3793	-	20.99	-1112.13	150.00	3600.00	3.24	V
							306	0	-5225	-	28.91	-1532.22	150.00	3600.00	2.35	V
							520	0	-939	-	5.20	-275.35	150.00	3600.00	13.07	V
						Q.Perm	0	0	3047	-	16.86	-893.56	112.50	3600.00	4.03	V
							306	0	-4488	-	24.83	-1315.92	112.50	3600.00	2.74	V
							520	0	-663	-	3.67	-194.35	112.50	3600.00	18.52	V
102	11	FONDAZI ONE	12-6	1	2.5	Caratt.	0	0	10040	-	43.91	-1711.68	150.00	3600.00	2.10	V
							300	0	-7487	-	41.43	-2195.37	150.00	3600.00	1.64	V
							520	0	-758	-	4.20	-222.41	150.00	3600.00	16.19	V
						Q.Perm	0	0	8236	-	36.01	-1404.05	112.50	3600.00	2.56	V
							300	0	-6286	-	34.78	-1843.34	112.50	3600.00	1.95	V
							520	0	-605	-	3.35	-177.53	112.50	3600.00	20.28	V
103	12	FONDAZI ONE	7-8	1	2.5	Caratt.	0	0	1204	-	6.66	-353.05	150.00	3600.00	10.20	V
							200	0	-5363	-	29.68	-1572.61	150.00	3600.00	2.29	V
							430	0	58	-	0.32	-17.12	150.00	3600.00	210.22	V
						Q.Perm	0	0	1020	-	5.64	-298.99	112.50	3600.00	12.04	V
							200	0	-4534	-	25.09	-1329.59	112.50	3600.00	2.71	V
							430	0	-22	-	0.12	-6.59	112.50	3600.00	546.36	V
104	13	FONDAZI ONE	13-7	1	2.5	Caratt.	0	0	-729	-	4.03	-213.68	150.00	3600.00	16.85	V
							165	0	-6605	-	36.55	-1936.75	150.00	3600.00	1.86	V
							480	0	9892	-	43.26	-1686.32	150.00	3600.00	2.13	V
						Q.Perm	0	0	-572	-	3.16	-167.63	112.50	3600.00	21.48	V
							165	0	-5536	-	30.63	-1623.34	112.50	3600.00	2.22	V
							480	0	8111	-	35.47	-1382.79	112.50	3600.00	2.60	V
105	14	FONDAZI ONE	8-9	1	2.5	Caratt.	0	0	87	-	0.48	-25.37	150.00	3600.00	141.90	V
							446	0	5795	-	32.07	-1699.44	150.00	3600.00	2.12	V
							540	0	13393	-	47.92	-1473.73	150.00	3600.00	2.44	V
						Q.Perm	0	0	3	-	0.02	-1.02	112.50	3600.00	3538.68	V
							446	0	4886	-	27.04	-1432.81	112.50	3600.00	2.51	V
							540	0	11279	-	40.35	-1241.09	112.50	3600.00	2.79	V
106	15	FONDAZI ONE	14-8	1	2.5	Caratt.	0	0	-231	-	1.28	-67.62	150.00	3600.00	53.24	V
							173	0	-4369	-	24.17	-1281.11	150.00	3600.00	2.81	V
							490	0	4081	-	22.58	-1196.80	150.00	3600.00	3.01	V
						Q.Perm	0	0	-83	-	0.46	-24.29	112.50	3600.00	148.18	V
							173	0	-3737	-	20.68	-1095.70	112.50	3600.00	3.29	V
							490	0	3290	-	18.21	-964.78	112.50	3600.00	3.73	V
107	16	FONDAZI ONE	9-10	1	2.5	Caratt.	0	0	11752	-	45.98	-1570.65	150.00	3600.00	2.29	V
							250	0	-5685	-	31.46	-1667.14	150.00	3600.00	2.16	V
							530	0	11732	-	45.90	-1568.01	150.00	3600.00	2.30	V
						Q.Perm	0	0	9913	-	38.78	-1324.86	112.50	3600.00	2.72	V
							250	0	-4780	-	26.45	-1401.57	112.50	3600.00	2.57	V
							530	0	9896	-	38.71	-1322.52	112.50	3600.00	2.72	V
108	17	FONDAZI ONE	15-9	1	2.5	Caratt.	0	0	-1533	-	8.48	-449.45	150.00	3600.00	8.01	V
							165	0	-6736	-	37.27	-1975.17	150.00	3600.00	1.82	V
							480	0	12211	-	47.77	-1631.99	150.00	3600.00	2.21	V
						Q.Perm	0	0	-1246	-	6.89	-365.31	112.50	3600.00	9.85	V
							165	0	-5610	-	31.04	-1645.05	112.50	3600.00	2.19	V
							480	0	10026	-	39.22	-1339.95	112.50	3600.00	2.69	V
109	18	FONDAZI ONE	10-11	1	2.5	Caratt.	0	0	13366	-	47.82	-1470.67	150.00	3600.00	2.45	V
							64	0	5780	-	31.98	-1694.81	150.00	3600.00	2.12	V
							540	0	93	-	0.51	-27.19	150.00	3600.00	132.39	V
						Q.Perm	0	0	11257	-	40.27	-1238.65	112.50	3600.00	2.79	V
							64	0	4874	-	26.97	-1429.17	112.50	3600.00	2.52	V
							540	0	7	-	0.04	-2.08	112.50	3600.00	1729.13	V
110	19	FONDAZI ONE	16-10	1	2.5	Caratt.	0	0	-1531	-	8.47	-449.06	150.00	3600.00	8.02	V
							165	0	-6728	-	37.23	-1972.80	150.00	3600.00	1.82	V
							480	0	12198	-	47.72	-1630.18	150.00	3600.00	2.21	V
						Q.Perm	0	0	-1244	-	6.89	-364.91	112.50	3600.00	9.87	V
							165	0	-5603	-	31.00	-1642.98	112.50	3600.00	2.19	V
							480	0	10015	-	39.18	-1338.44	112.50	3600.00	2.69	V
111	20	FONDAZI ONE	11-12	1	2.5	Caratt.	0	0	53	-	0.29	-15.62	150.00	3600.00	230.46	V
							200	0	-5363	-	29.67	-1572.48	150.00	3600.00	2.29	V
							430	0	1212	-	6.71	-355.43	150.00	3600.00	10.13	V
						Q.Perm	0	0	-27	-	0.15	-7.84	112.50	3600.00	458.95	V
							200	0	-4535	-	25.09	-1329.74	112.50	3600.00	2.71	V
							430	0	1025	-	5.67	-300.61	112.50	3600.00	11.98	V
112	21	FONDAZI ONE	17-11	1	2.5	Caratt.	0	0	-241	-	1.33	-70.64	150.00	3600.00	50.96	V

							173	0	-4366	-	24.16	-1280.29	150.00	3600.00	2.81	V
							490	0	4092	-	22.64	-1199.83	150.00	3600.00	3.00	V
						Q.Perm	0	0	-89	-	0.49	-26.19	112.50	3600.00	137.46	V
							173	0	-3733	-	20.66	-1094.69	112.50	3600.00	3.29	V
							490	0	3297	-	18.24	-966.86	112.50	3600.00	3.72	V
113	22	FONDAZI ONE	18-12	1	2.5	Caratt.	0	0	-744	-	4.12	-218.20	150.00	3600.00	16.50	V
							165	0	-6610	-	36.58	-1938.33	150.00	3600.00	1.86	V
							480	0	9919	-	43.38	-1691.05	150.00	3600.00	2.13	V
						Q.Perm	0	0	-582	-	3.22	-170.59	112.50	3600.00	21.10	V
							165	0	-5540	-	30.65	-1624.41	112.50	3600.00	2.22	V
							480	0	8133	-	35.56	-1386.45	112.50	3600.00	2.60	V
114	23	FONDAZI ONE	13-14	1	2.5	Caratt.	0	0	-214	-	1.18	-62.66	150.00	3600.00	57.46	V
							150	0	-5692	-	31.49	-1668.98	150.00	3600.00	2.16	V
							435	0	3884	-	21.49	-1139.00	150.00	3600.00	3.16	V
						Q.Perm	0	0	-219	-	1.21	-64.08	112.50	3600.00	56.18	V
							150	0	-4818	-	26.66	-1412.75	112.50	3600.00	2.55	V
							435	0	3300	-	18.26	-967.59	112.50	3600.00	3.72	V
115	24	FONDAZI ONE	14-15	1	2.5	Caratt.	0	0	3996	-	22.11	-1171.82	150.00	3600.00	3.07	V
							245	0	-4460	-	24.68	-1307.69	150.00	3600.00	2.75	V
							530	0	9147	-	46.42	-2160.66	150.00	3600.00	1.67	V
						Q.Perm	0	0	3385	-	18.73	-992.50	112.50	3600.00	3.63	V
							245	0	-3752	-	20.76	-1100.30	112.50	3600.00	3.27	V
							530	0	7627	-	38.70	-1801.58	112.50	3600.00	2.00	V
116	25	FONDAZI ONE	15-16	1	2.5	Caratt.	0	0	9109	-	46.23	-2151.70	150.00	3600.00	1.67	V
							250	0	-4998	-	27.66	-1465.57	150.00	3600.00	2.46	V
							540	0	9094	-	46.15	-2148.22	150.00	3600.00	1.68	V
						Q.Perm	0	0	7650	-	38.82	-1807.10	112.50	3600.00	1.99	V
							250	0	-4181	-	23.14	-1226.13	112.50	3600.00	2.94	V
							540	0	7637	-	38.76	-1804.06	112.50	3600.00	2.00	V
117	26	FONDAZI ONE	16-17	1	2.5	Caratt.	0	0	9134	-	46.35	-2157.55	150.00	3600.00	1.67	V
							245	0	-4455	-	24.65	-1306.48	150.00	3600.00	2.76	V
							530	0	3986	-	22.05	-1168.73	150.00	3600.00	3.08	V
						Q.Perm	0	0	7616	-	38.65	-1798.92	112.50	3600.00	2.00	V
							245	0	-3748	-	20.74	-1099.19	112.50	3600.00	3.28	V
							530	0	3375	-	18.68	-989.71	112.50	3600.00	3.64	V
118	27	FONDAZI ONE	17-18	1	2.5	Caratt.	0	0	3871	-	21.42	-1135.02	150.00	3600.00	3.17	V
							250	0	-5691	-	31.49	-1668.86	150.00	3600.00	2.16	V
							435	0	-209	-	1.15	-61.16	150.00	3600.00	58.86	V
						Q.Perm	0	0	3288	-	18.19	-964.20	112.50	3600.00	3.73	V
							250	0	-4817	-	26.66	-1412.56	112.50	3600.00	2.55	V
							435	0	-215	-	1.19	-62.91	112.50	3600.00	57.23	V
119	28	FONDAZI ONE	19-20	9	2.5	Caratt.	0	0	473	-	3.88	-179.38	150.00	3600.00	20.07	V
							215	0	-229	-	1.88	-86.84	150.00	3600.00	41.46	V
							430	0	402	-	3.30	-152.70	150.00	3600.00	23.58	V
						Q.Perm	0	0	434	-	3.56	-164.54	112.50	3600.00	21.88	V
							215	0	-207	-	1.70	-78.59	112.50	3600.00	45.81	V
							430	0	368	-	3.02	-139.80	112.50	3600.00	25.75	V
120	31	FONDAZI ONE	34-19	9	2.5	Caratt.	0	0	182	-	1.49	-69.15	150.00	3600.00	52.06	V
							26	0	-331	-	2.71	-125.48	150.00	3600.00	28.69	V
							105	0	471	-	3.87	-178.81	150.00	3600.00	20.13	V
						Q.Perm	0	0	134	-	1.10	-50.99	112.50	3600.00	70.60	V
							26	0	-312	-	2.56	-118.44	112.50	3600.00	30.40	V
							105	0	432	-	3.55	-164.11	112.50	3600.00	21.94	V
121	32	FONDAZI ONE	20-21	9	2.5	Caratt.	0	0	404	-	3.31	-153.20	150.00	3600.00	23.50	V
							428	0	397	-	3.26	-150.58	150.00	3600.00	23.91	V
							570	0	352	-	2.89	-133.62	150.00	3600.00	26.94	V
						Q.Perm	0	0	369	-	3.03	-140.18	112.50	3600.00	25.68	V
							428	0	367	-	3.01	-139.11	112.50	3600.00	25.88	V
							570	0	324	-	2.66	-123.10	112.50	3600.00	29.25	V
122	36	FONDAZI ONE	21-22	9	2.5	Caratt.	0	0	352	-	2.89	-133.68	150.00	3600.00	26.93	V
							250	0	297	-	2.43	-112.55	150.00	3600.00	31.99	V
							500	0	352	-	2.89	-133.52	150.00	3600.00	26.96	V
						Q.Perm	0	0	325	-	2.66	-123.14	112.50	3600.00	29.24	V
							250	0	275	-	2.26	-104.40	112.50	3600.00	34.48	V
							500	0	324	-	2.66	-123.01	112.50	3600.00	29.27	V
123	40	FONDAZI ONE	22-23	9	2.5	Caratt.	0	0	352	-	2.89	-133.53	150.00	3600.00	26.96	V
							143	0	396	-	3.25	-150.36	150.00	3600.00	23.94	V
							570	0	400	-	3.28	-151.63	150.00	3600.00	23.74	V
						Q.Perm	0	0	324	-	2.66	-123.02	112.50	3600.00	29.26	V
							143	0	366	-	3.00	-138.96	112.50	3600.00	25.91	V
							570	0	367	-	3.01	-139.12	112.50	3600.00	25.88	V
124	44	FONDAZI ONE	23-24	9	2.5	Caratt.	0	0	399	-	3.27	-151.25	150.00	3600.00	23.80	V
							215	0	-222	-	1.82	-84.32	150.00	3600.00	42.70	V
							430	0	487	-	4.00	-184.81	150.00	3600.00	19.48	V
						Q.Perm	0	0	366	-	3.00	-138.82	112.50	3600.00	25.93	V
							215	0	-203	-	1.66	-76.93	112.50	3600.00	46.79	V
							430	0	443	-	3.63	-168.14	112.50	3600.00	21.41	V
125	47	FONDAZI ONE	24-39	9	2.5	Caratt.	0	0	486	-	3.99	-184.43	150.00	3600.00	19.52	V
							44	0	-390	-	3.20	-147.86	150.00	3600.00	24.35	V
							105	0	43	-	0.36	-16.45	150.00	3600.00	218.80	V
						Q.Perm	0	0	442	-	3.63	-167.84	112.50	3600.00	21.45	V

							44	0	-351	-	2.88	-133.24	112.50	3600.00	27.02	V
							105	0	43	-	0.35	-16.16	112.50	3600.00	222.75	V
126	48	FONDAZI ONE	25-26	9	2.5	Caratt.	0	0	488	-	4.00	-185.12	150.00	3600.00	19.45	V
							215	0	-219	-	1.79	-82.93	150.00	3600.00	43.41	V
							430	0	416	-	3.41	-157.67	150.00	3600.00	22.83	V
						Q.Perm	0	0	441	-	3.61	-167.20	112.50	3600.00	21.53	V
							215	0	-199	-	1.63	-75.38	112.50	3600.00	47.76	V
							430	0	374	-	3.07	-141.84	112.50	3600.00	25.38	V
127	51	FONDAZI ONE	35-25	9	2.5	Caratt.	0	0	8	-	0.07	-3.08	150.00	3600.00	1168.36	V
							26	0	-399	-	3.27	-151.48	150.00	3600.00	23.77	V
							105	0	488	-	4.00	-185.09	150.00	3600.00	19.45	V
						Q.Perm	0	0	12	-	0.10	-4.64	112.50	3600.00	775.09	V
							26	0	-356	-	2.92	-135.06	112.50	3600.00	26.65	V
							105	0	441	-	3.61	-167.16	112.50	3600.00	21.54	V
128	52	FONDAZI ONE	26-27	9	2.5	Caratt.	0	0	416	-	3.41	-157.75	150.00	3600.00	22.82	V
							428	0	436	-	3.58	-165.40	150.00	3600.00	21.77	V
							570	0	392	-	3.22	-148.88	150.00	3600.00	24.18	V
						Q.Perm	0	0	374	-	3.07	-141.92	112.50	3600.00	25.37	V
							428	0	393	-	3.23	-149.19	112.50	3600.00	24.13	V
							570	0	352	-	2.89	-133.59	112.50	3600.00	26.95	V
129	56	FONDAZI ONE	27-28	9	2.5	Caratt.	0	0	392	-	3.22	-148.79	150.00	3600.00	24.20	V
							250	0	328	-	2.69	-124.61	150.00	3600.00	28.89	V
							500	0	392	-	3.22	-148.73	150.00	3600.00	24.20	V
						Q.Perm	0	0	352	-	2.89	-133.52	112.50	3600.00	26.96	V
							250	0	297	-	2.43	-112.60	112.50	3600.00	31.97	V
							500	0	352	-	2.89	-133.48	112.50	3600.00	26.97	V
130	60	FONDAZI ONE	28-29	9	2.5	Caratt.	0	0	392	-	3.22	-148.81	150.00	3600.00	24.19	V
							143	0	436	-	3.57	-165.33	150.00	3600.00	21.77	V
							570	0	416	-	3.42	-157.99	150.00	3600.00	22.79	V
						Q.Perm	0	0	352	-	2.89	-133.54	112.50	3600.00	26.96	V
							143	0	393	-	3.22	-149.14	112.50	3600.00	24.14	V
							570	0	374	-	3.07	-142.08	112.50	3600.00	25.34	V
131	64	FONDAZI ONE	29-30	9	2.5	Caratt.	0	0	416	-	3.41	-157.88	150.00	3600.00	22.80	V
							215	0	-220	-	1.81	-83.55	150.00	3600.00	43.09	V
							430	0	489	-	4.01	-185.72	150.00	3600.00	19.38	V
						Q.Perm	0	0	374	-	3.07	-141.99	112.50	3600.00	25.35	V
							215	0	-200	-	1.64	-75.78	112.50	3600.00	47.50	V
							430	0	442	-	3.62	-167.60	112.50	3600.00	21.48	V
132	67	FONDAZI ONE	30-40	9	2.5	Caratt.	0	0	489	-	4.01	-185.66	150.00	3600.00	19.39	V
							44	0	-399	-	3.27	-151.44	150.00	3600.00	23.77	V
							105	0	13	-	0.10	-4.85	150.00	3600.00	741.76	V
						Q.Perm	0	0	442	-	3.62	-167.54	112.50	3600.00	21.49	V
							44	0	-356	-	2.92	-135.04	112.50	3600.00	26.66	V
							105	0	16	-	0.13	-6.01	112.50	3600.00	598.93	V
133	68	FONDAZI ONE	32-31	9	2.5	Caratt.	0	0	357	-	2.93	-135.46	150.00	3600.00	26.58	V
							390	0	359	-	2.94	-136.12	150.00	3600.00	26.45	V
							520	0	472	-	3.87	-178.97	150.00	3600.00	20.12	V
						Q.Perm	0	0	324	-	2.66	-123.12	112.50	3600.00	29.24	V
							390	0	324	-	2.65	-122.82	112.50	3600.00	29.31	V
							520	0	427	-	3.50	-161.87	112.50	3600.00	22.24	V
134	72	FONDAZI ONE	31-34	9	2.5	Caratt.	0	0	471	-	3.86	-178.76	150.00	3600.00	20.14	V
							53	0	-379	-	3.11	-143.77	150.00	3600.00	25.04	V
							105	0	3	-	0.03	-1.23	150.00	3600.00	2937.45	V
						Q.Perm	0	0	426	-	3.50	-161.73	112.50	3600.00	22.26	V
							53	0	-338	-	2.78	-128.42	112.50	3600.00	28.03	V
							105	0	4	-	0.03	-1.49	112.50	3600.00	2414.03	V
135	73	FONDAZI ONE	33-32	9	2.5	Caratt.	0	0	456	-	3.74	-172.98	150.00	3600.00	20.81	V
							390	0	351	-	2.88	-133.01	150.00	3600.00	27.07	V
							520	0	357	-	2.93	-135.63	150.00	3600.00	26.54	V
						Q.Perm	0	0	411	-	3.37	-155.93	112.50	3600.00	23.09	V
							390	0	320	-	2.62	-121.24	112.50	3600.00	29.69	V
							520	0	325	-	2.66	-123.26	112.50	3600.00	29.21	V
136	77	FONDAZI ONE	35-33	9	2.5	Caratt.	0	0	-42	-	0.34	-15.91	150.00	3600.00	226.21	V
							17	0	-387	-	3.17	-146.68	150.00	3600.00	24.54	V
							105	0	456	-	3.74	-173.16	150.00	3600.00	20.79	V
						Q.Perm	0	0	-15	-	0.12	-5.75	112.50	3600.00	625.80	V
							17	0	-333	-	2.73	-126.25	112.50	3600.00	28.52	V
							105	0	411	-	3.37	-156.10	112.50	3600.00	23.06	V
137	78	FONDAZI ONE	37-36	9	2.5	Caratt.	0	0	355	-	2.91	-134.58	150.00	3600.00	26.75	V
							260	0	350	-	2.87	-132.75	150.00	3600.00	27.12	V
							520	0	474	-	3.89	-179.84	150.00	3600.00	20.02	V
						Q.Perm	0	0	323	-	2.65	-122.55	112.50	3600.00	29.37	V
							260	0	320	-	2.63	-121.51	112.50	3600.00	29.63	V
							520	0	428	-	3.51	-162.47	112.50	3600.00	22.16	V
138	82	FONDAZI ONE	36-39	9	2.5	Caratt.	0	0	474	-	3.89	-179.79	150.00	3600.00	20.02	V
							53	0	-430	-	3.53	-163.29	150.00	3600.00	22.05	V

							105	0	-91	-	0.74	-34.36	150.00	3600.00	104.7 6	V
						Q.Perm	0	0	428	-	3.51	-162.44	112.50	3600.00	22.16	V
							53	0	-373	-	3.06	-141.38	112.50	3600.00	25.46	V
							105	0	-58	-	0.47	-21.96	112.50	3600.00	163.9 7	V
139	83	FONDAZI ONE	38-37	9	2.5	Caratt.	0	0	458	-	3.76	-173.84	150.00	3600.00	20.71	V
							390	0	349	-	2.86	-132.49	150.00	3600.00	27.17	V
							520	0	355	-	2.91	-134.63	150.00	3600.00	26.74	V
						Q.Perm	0	0	412	-	3.38	-156.49	112.50	3600.00	23.00	V
							390	0	319	-	2.61	-120.91	112.50	3600.00	29.77	V
							520	0	323	-	2.65	-122.62	112.50	3600.00	29.36	V
140	87	FONDAZI ONE	40-38	9	2.5	Caratt.	0	0	-42	-	0.35	-15.99	150.00	3600.00	225.0 8	V
							18	0	-389	-	3.19	-147.50	150.00	3600.00	24.41	V
							105	0	458	-	3.76	-173.91	150.00	3600.00	20.70	V
						Q.Perm	0	0	-15	-	0.12	-5.78	112.50	3600.00	622.9 2	V
							18	0	-334	-	2.74	-126.77	112.50	3600.00	28.40	V
							105	0	413	-	3.39	-156.59	112.50	3600.00	22.99	V

2.4.3.4 Verifiche SLE - Fessurazione.

Camp : campata alla quale appartengono le aste riportate;
 Asta : numerazione interna dell'asta;
 Imp. : impalcato al quale appartiene l'asta considerata;
 Fili : fili fissi ai quali appartiene l'asta considerata;
 Tipo Sez. : tipo di sezione dell'asta considerata;
 Cop : distanza tra la superficie esterna dell'armatura più prossima alla superficie del calcestruzzo e la superficie stessa del calcestruzzo;
 Comb : tipo di combinazione a cui la verifica è riferita;
 X : distanza dal nodo iniziale misurata lungo l'asse dell'asta;

Sollecitazione : M_{XZ} : valore del Momento Flettente X-Z sollecitante di calcolo;
 Fessura di calcolo: W_k : valore dell'apertura della fessura calcolata;
 Fessura max : $W_{k,max}$: valore della massima apertura ammissibile delle fessure;

Esito : Esito della verifica : V = VERIFICATA;
 : NV = NON VERIFICATA;

Tabella 48.I

							105	Soll.	Fess. di calc.	Fessura max		
Camp	Asta	Imp.	Fili	Tipo Sez.	Cop [cm]	Comb	X [cm]	M_{XZ} [daNm]	W_k [mm]	$W_{k,max}$ [mm]	S	Esito
92	1	FONDAZ IONE	1-2	1	2.5	Freq	0	-247	0.00	0.40	-	V
							150	-5389	0.00	0.40	-	V
							435	3663	0.00	0.40	-	V
						Q.Perm	0	-247	0.00	0.30	-	V
							150	-5129	0.00	0.30	-	V
							435	3508	0.00	0.30	-	V
93	2	FONDAZ IONE	7-1	1	2.5	Freq	0	8749	0.31	0.40	1.29	V
							300	-6641	0.00	0.40	-	V
							520	-631	0.00	0.40	-	V
						Q.Perm	0	8233	0.00	0.30	-	V
							300	-6295	0.00	0.30	-	V
							520	-589	0.00	0.30	-	V
94	3	FONDAZ IONE	2-3	1	2.5	Freq	0	3664	0.00	0.40	-	V
							250	-4647	0.00	0.40	-	V
							535	11452	0.28	0.40	1.43	V
						Q.Perm	0	3503	0.00	0.30	-	V
							250	-4422	0.00	0.30	-	V
							535	10873	0.26	0.30	1.16	V
95	4	FONDAZ IONE	8-2	1	2.5	Freq	0	3268	0.00	0.40	-	V
							306	-4702	0.00	0.40	-	V
							520	-746	0.00	0.40	-	V
						Q.Perm	0	3055	0.00	0.30	-	V
							306	-4491	0.00	0.30	-	V

							520	-667	0.00	0.30	-	V
96	5	FONDAZ IONE	3-4	1	2.5	Freq	0	10314	0.30	0.40	1.32	V
							250	-5378	0.00	0.40	-	V
							530	10286	0.30	0.40	1.32	V
						Q.Perm	0	9807	0.28	0.30	1.07	V
							250	-5111	0.00	0.30	-	V
							530	9781	0.28	0.30	1.08	V
97	6	FONDAZ IONE	9-3	1	2.5	Freq	0	8548	0.30	0.40	1.34	V
							294	-7817	0.00	0.40	-	V
							520	-1873	0.00	0.40	-	V
						Q.Perm	0	8032	0.00	0.30	-	V
							294	-7406	0.00	0.30	-	V
							520	-1757	0.00	0.30	-	V
98	7	FONDAZ IONE	4-5	1	2.5	Freq	0	11417	0.28	0.40	1.43	V
							250	-4641	0.00	0.40	-	V
							535	3679	0.00	0.40	-	V
						Q.Perm	0	10841	0.26	0.30	1.17	V
							250	-4417	0.00	0.30	-	V
							535	3516	0.00	0.30	-	V
99	8	FONDAZ IONE	10-4	1	2.5	Freq	0	8536	0.30	0.40	1.34	V
							294	-7807	0.00	0.40	-	V
							520	-1878	0.00	0.40	-	V
						Q.Perm	0	8021	0.00	0.30	-	V
							294	-7397	0.00	0.30	-	V
							520	-1761	0.00	0.30	-	V
100	9	FONDAZ IONE	5-6	1	2.5	Freq	0	3672	0.00	0.40	-	V
							250	-5377	0.00	0.40	-	V
							435	-262	0.00	0.40	-	V
						Q.Perm	0	3515	0.00	0.30	-	V
							250	-5119	0.00	0.30	-	V
							435	-262	0.00	0.30	-	V
101	10	FONDAZ IONE	11-5	1	2.5	Freq	0	3260	0.00	0.40	-	V
							306	-4698	0.00	0.40	-	V
							520	-742	0.00	0.40	-	V
						Q.Perm	0	3047	0.00	0.30	-	V
							306	-4488	0.00	0.30	-	V
							520	-663	0.00	0.30	-	V
102	11	FONDAZ IONE	12-6	1	2.5	Freq	0	8751	0.31	0.40	1.29	V
							300	-6629	0.00	0.40	-	V
							520	-649	0.00	0.40	-	V
						Q.Perm	0	8236	0.00	0.30	-	V
							300	-6286	0.00	0.30	-	V
							520	-605	0.00	0.30	-	V
103	12	FONDAZ IONE	7-8	1	2.5	Freq	0	1072	0.00	0.40	-	V
							200	-4771	0.00	0.40	-	V
							430	-22	0.00	0.40	-	V
						Q.Perm	0	1020	0.00	0.30	-	V
							200	-4534	0.00	0.30	-	V
							430	-22	0.00	0.30	-	V
104	13	FONDAZ IONE	13-7	1	2.5	Freq	0	-617	0.00	0.40	-	V
							165	-5841	0.00	0.40	-	V
							480	8620	0.30	0.40	1.32	V
						Q.Perm	0	-572	0.00	0.30	-	V
							165	-5536	0.00	0.30	-	V
							480	8111	0.00	0.30	-	V
105	14	FONDAZ IONE	8-9	1	2.5	Freq	0	27	0.00	0.40	-	V
							446	5146	0.00	0.40	-	V
							540	11883	0.30	0.40	1.35	V
						Q.Perm	0	3	0.00	0.30	-	V
							446	4886	0.00	0.30	-	V
							540	11279	0.27	0.30	1.10	V
106	15	FONDAZ IONE	14-8	1	2.5	Freq	0	-125	0.00	0.40	-	V

							173	-3917	0.00	0.40	-	V
							490	3516	0.00	0.40	-	V
						Q.Perm	0	-83	0.00	0.30	-	V
							173	-3737	0.00	0.30	-	V
							490	3290	0.00	0.30	-	V
107	16	FONDAZIONE	9-10	1	2.5	Freq	0	10439	0.31	0.40	1.29	V
							250	-5038	0.00	0.40	-	V
							530	10420	0.31	0.40	1.29	V
						Q.Perm	0	9913	0.29	0.30	1.05	V
							250	-4780	0.00	0.30	-	V
							530	9896	0.28	0.30	1.05	V
108	17	FONDAZIONE	15-9	1	2.5	Freq	0	-1328	0.00	0.40	-	V
							165	-5932	0.00	0.40	-	V
							480	10650	0.32	0.40	1.25	V
						Q.Perm	0	-1246	0.00	0.30	-	V
							165	-5610	0.00	0.30	-	V
							480	10026	0.29	0.30	1.03	V
109	18	FONDAZIONE	10-11	1	2.5	Freq	0	11859	0.30	0.40	1.35	V
							64	5133	0.00	0.40	-	V
							540	32	0.00	0.40	-	V
						Q.Perm	0	11257	0.27	0.30	1.10	V
							64	4874	0.00	0.30	-	V
							540	7	0.00	0.30	-	V
110	19	FONDAZIONE	16-10	1	2.5	Freq	0	-1326	0.00	0.40	-	V
							165	-5924	0.00	0.40	-	V
							480	10638	0.32	0.40	1.25	V
						Q.Perm	0	-1244	0.00	0.30	-	V
							165	-5603	0.00	0.30	-	V
							480	10015	0.29	0.30	1.03	V
111	20	FONDAZIONE	11-12	1	2.5	Freq	0	-27	0.00	0.40	-	V
							200	-4771	0.00	0.40	-	V
							430	1079	0.00	0.40	-	V
						Q.Perm	0	-27	0.00	0.30	-	V
							200	-4535	0.00	0.30	-	V
							430	1025	0.00	0.30	-	V
112	21	FONDAZIONE	17-11	1	2.5	Freq	0	-133	0.00	0.40	-	V
							173	-3914	0.00	0.40	-	V
							490	3524	0.00	0.40	-	V
						Q.Perm	0	-89	0.00	0.30	-	V
							173	-3733	0.00	0.30	-	V
							490	3297	0.00	0.30	-	V
113	22	FONDAZIONE	18-12	1	2.5	Freq	0	-628	0.00	0.40	-	V
							165	-5845	0.00	0.40	-	V
							480	8643	0.30	0.40	1.31	V
						Q.Perm	0	-582	0.00	0.30	-	V
							165	-5540	0.00	0.30	-	V
							480	8133	0.00	0.30	-	V
114	23	FONDAZIONE	13-14	1	2.5	Freq	0	-219	0.00	0.40	-	V
							150	-5067	0.00	0.40	-	V
							435	3467	0.00	0.40	-	V
						Q.Perm	0	-219	0.00	0.30	-	V
							150	-4818	0.00	0.30	-	V
							435	3300	0.00	0.30	-	V
115	24	FONDAZIONE	14-15	1	2.5	Freq	0	3559	0.00	0.40	-	V
							245	-3954	0.00	0.40	-	V
							530	8061	0.00	0.40	-	V
						Q.Perm	0	3385	0.00	0.30	-	V
							245	-3752	0.00	0.30	-	V
							530	7627	0.00	0.30	-	V
116	25	FONDAZIONE	15-16	1	2.5	Freq	0	8067	0.00	0.40	-	V
							250	-4415	0.00	0.40	-	V
							540	8054	0.00	0.40	-	V
						Q.Perm	0	7650	0.00	0.30	-	V

							250	-4181	0.00	0.30	-	V
117	26	FONDAZIONE	16-17	1	2.5	Freq	540	7637	0.00	0.30	-	V
							0	8049	0.00	0.40	-	V
							245	-3950	0.00	0.40	-	V
							530	3550	0.00	0.40	-	V
						Q.Perm	0	7616	0.00	0.30	-	V
							245	-3748	0.00	0.30	-	V
							530	3375	0.00	0.30	-	V
118	27	FONDAZIONE	17-18	1	2.5	Freq	0	3455	0.00	0.40	-	V
							250	-5067	0.00	0.40	-	V
							435	-215	0.00	0.40	-	V
						Q.Perm	0	3288	0.00	0.30	-	V
							250	-4817	0.00	0.30	-	V
							435	-215	0.00	0.30	-	V
119	28	FONDAZIONE	19-20	9	2.5	Freq	0	445	0.00	0.40	-	V
							215	-213	0.00	0.40	-	V
							430	378	0.00	0.40	-	V
						Q.Perm	0	434	0.00	0.30	-	V
							215	-207	0.00	0.30	-	V
							430	368	0.00	0.30	-	V
120	31	FONDAZIONE	34-19	9	2.5	Freq	0	148	0.00	0.40	-	V
							26	-317	0.00	0.40	-	V
							105	444	0.00	0.40	-	V
						Q.Perm	0	134	0.00	0.30	-	V
							26	-312	0.00	0.30	-	V
							105	432	0.00	0.30	-	V
121	32	FONDAZIONE	20-21	9	2.5	Freq	0	379	0.00	0.40	-	V
							428	375	0.00	0.40	-	V
							570	332	0.00	0.40	-	V
						Q.Perm	0	369	0.00	0.30	-	V
							428	367	0.00	0.30	-	V
							570	324	0.00	0.30	-	V
122	36	FONDAZIONE	21-22	9	2.5	Freq	0	332	0.00	0.40	-	V
							250	281	0.00	0.40	-	V
							500	332	0.00	0.40	-	V
						Q.Perm	0	325	0.00	0.30	-	V
							250	275	0.00	0.30	-	V
							500	324	0.00	0.30	-	V
123	40	FONDAZIONE	22-23	9	2.5	Freq	0	332	0.00	0.40	-	V
							143	375	0.00	0.40	-	V
							570	376	0.00	0.40	-	V
						Q.Perm	0	324	0.00	0.30	-	V
							143	366	0.00	0.30	-	V
							570	367	0.00	0.30	-	V
124	44	FONDAZIONE	23-24	9	2.5	Freq	0	375	0.00	0.40	-	V
							215	-208	0.00	0.40	-	V
							430	456	0.00	0.40	-	V
						Q.Perm	0	366	0.00	0.30	-	V
							215	-203	0.00	0.30	-	V
							430	443	0.00	0.30	-	V
125	47	FONDAZIONE	24-39	9	2.5	Freq	0	455	0.00	0.40	-	V
							44	-362	0.00	0.40	-	V
							105	43	0.00	0.40	-	V
						Q.Perm	0	442	0.00	0.30	-	V
							44	-351	0.00	0.30	-	V
							105	43	0.00	0.30	-	V
126	48	FONDAZIONE	25-26	9	2.5	Freq	0	454	0.00	0.40	-	V
							215	-204	0.00	0.40	-	V
							430	386	0.00	0.40	-	V
						Q.Perm	0	441	0.00	0.30	-	V
							215	-199	0.00	0.30	-	V
							430	374	0.00	0.30	-	V
127	51	FONDAZIONE	35-25	9	2.5	Freq	0	12	0.00	0.40	-	V

		IONE										
							26	-368	0.00	0.40	-	V
							105	454	0.00	0.40	-	V
						Q.Perm	0	12	0.00	0.30	-	V
							26	-356	0.00	0.30	-	V
							105	441	0.00	0.30	-	V
128	52	FONDAZ IONE	26-27	9	2.5	Freq	0	386	0.00	0.40	-	V
							428	405	0.00	0.40	-	V
							570	364	0.00	0.40	-	V
						Q.Perm	0	374	0.00	0.30	-	V
							428	393	0.00	0.30	-	V
							570	352	0.00	0.30	-	V
129	56	FONDAZ IONE	27-28	9	2.5	Freq	0	363	0.00	0.40	-	V
							250	306	0.00	0.40	-	V
							500	363	0.00	0.40	-	V
						Q.Perm	0	352	0.00	0.30	-	V
							250	297	0.00	0.30	-	V
							500	352	0.00	0.30	-	V
130	60	FONDAZ IONE	28-29	9	2.5	Freq	0	363	0.00	0.40	-	V
							143	405	0.00	0.40	-	V
							570	386	0.00	0.40	-	V
						Q.Perm	0	352	0.00	0.30	-	V
							143	393	0.00	0.30	-	V
							570	374	0.00	0.30	-	V
131	64	FONDAZ IONE	29-30	9	2.5	Freq	0	386	0.00	0.40	-	V
							215	-206	0.00	0.40	-	V
							430	455	0.00	0.40	-	V
						Q.Perm	0	374	0.00	0.30	-	V
							215	-200	0.00	0.30	-	V
							430	442	0.00	0.30	-	V
132	67	FONDAZ IONE	30-40	9	2.5	Freq	0	455	0.00	0.40	-	V
							44	-368	0.00	0.40	-	V
							105	16	0.00	0.40	-	V
						Q.Perm	0	442	0.00	0.30	-	V
							44	-356	0.00	0.30	-	V
							105	16	0.00	0.30	-	V
133	68	FONDAZ IONE	32-31	9	2.5	Freq	0	334	0.00	0.40	-	V
							390	334	0.00	0.40	-	V
							520	439	0.00	0.40	-	V
						Q.Perm	0	324	0.00	0.30	-	V
							390	324	0.00	0.30	-	V
							520	427	0.00	0.30	-	V
134	72	FONDAZ IONE	31-34	9	2.5	Freq	0	439	0.00	0.40	-	V
							53	-350	0.00	0.40	-	V
							105	4	0.00	0.40	-	V
						Q.Perm	0	426	0.00	0.30	-	V
							53	-338	0.00	0.30	-	V
							105	4	0.00	0.30	-	V
135	73	FONDAZ IONE	33-32	9	2.5	Freq	0	424	0.00	0.40	-	V
							390	328	0.00	0.40	-	V
							520	334	0.00	0.40	-	V
						Q.Perm	0	411	0.00	0.30	-	V
							390	320	0.00	0.30	-	V
							520	325	0.00	0.30	-	V
136	77	FONDAZ IONE	35-33	9	2.5	Freq	0	-23	0.00	0.40	-	V
							17	-348	0.00	0.40	-	V
							105	424	0.00	0.40	-	V
						Q.Perm	0	-15	0.00	0.30	-	V
							17	-333	0.00	0.30	-	V
							105	411	0.00	0.30	-	V
137	78	FONDAZ IONE	37-36	9	2.5	Freq	0	332	0.00	0.40	-	V
							260	329	0.00	0.40	-	V
							520	441	0.00	0.40	-	V

						Q.Perm	0	323	0.00	0.30	-	V
							260	320	0.00	0.30	-	V
							520	428	0.00	0.30	-	V
138	82	FONDAZIONE	36-39	9	2.5	Freq	0	441	0.00	0.40	-	V
							53	-389	0.00	0.40	-	V
							105	-67	0.00	0.40	-	V
						Q.Perm	0	428	0.00	0.30	-	V
							53	-373	0.00	0.30	-	V
							105	-58	0.00	0.30	-	V
139	83	FONDAZIONE	38-37	9	2.5	Freq	0	425	0.00	0.40	-	V
							390	327	0.00	0.40	-	V
							520	332	0.00	0.40	-	V
						Q.Perm	0	412	0.00	0.30	-	V
							390	319	0.00	0.30	-	V
							520	323	0.00	0.30	-	V
140	87	FONDAZIONE	40-38	9	2.5	Freq	0	-23	0.00	0.40	-	V
							18	-350	0.00	0.40	-	V
							105	426	0.00	0.40	-	V
						Q.Perm	0	-15	0.00	0.30	-	V
							18	-334	0.00	0.30	-	V
							105	413	0.00	0.30	-	V

2.5 Verifica Stati Limite di Danno.

Per edifici con il seguente tipo di elementi: tamponamenti collegati rigidamente (Tamponature fragili), il controllo viene fatto tramite la seguente relazione:

$$d_r < 0.0050 h$$

dove:

d_r : spostamento relativo tra due impalcati consecutivi;
 h : altezza dell'impalcato;

Piano : piano considerato;
ELEMENTO : tipo e numero dell'elemento considerato;
drx : traslazione relativa X globale del piano considerato;
dry : traslazione relativa Y globale del piano considerato;
H : altezza del piano considerato;
dlim : spostamento limite da normativa;
Esito : esito della verifica;

Tabella 48.II

Piano	ELEMENTO	drx [cm]	dry [cm]	H [cm]	dlim [cm]	Esito
PRIMO IMPALCATO	Pilastro N° 1	0.0762	0.1194	300.0000	1.5000	Verificato
	Pilastro N° 2	0.0767	0.1128	300.0000	1.5000	Verificato
	Pilastro N° 3	0.0750	0.1052	300.0000	1.5000	Verificato
	Pilastro N° 4	0.0747	0.1051	300.0000	1.5000	Verificato
	Pilastro N° 5	0.0762	0.1122	300.0000	1.5000	Verificato
	Pilastro N° 6	0.0756	0.1184	300.0000	1.5000	Verificato
	Pilastro N° 7	0.0760	0.1192	300.0000	1.5000	Verificato
	Pilastro N° 8	0.0756	0.1129	300.0000	1.5000	Verificato
	Pilastro N° 9	0.0752	0.1043	300.0000	1.5000	Verificato
	Pilastro N° 10	0.0748	0.1043	300.0000	1.5000	Verificato
	Pilastro N° 11	0.0752	0.1123	300.0000	1.5000	Verificato
	Pilastro N° 12	0.0756	0.1183	300.0000	1.5000	Verificato
	Pilastro N° 13	0.0780	0.1185	300.0000	1.5000	Verificato
	Pilastro N° 14	0.0780	0.1128	300.0000	1.5000	Verificato
	Pilastro N° 15	0.0773	0.1044	300.0000	1.5000	Verificato
	Pilastro N° 16	0.0772	0.1044	300.0000	1.5000	Verificato
	Pilastro N° 17	0.0779	0.1122	300.0000	1.5000	Verificato
	Pilastro N° 18	0.0780	0.1176	300.0000	1.5000	Verificato
	Parete 19-20	0.0080	0.0444	300.0000	1.5000	Verificato
	Parete 34-19	0.0088	0.0197	300.0000	1.5000	Verificato

	Parete 20-21	0.0064	0.1018	300.0000	1.5000	Verificato
	Parete 21-22	0.0043	0.1226	300.0000	1.5000	Verificato
	Parete 22-23	0.0058	0.1025	300.0000	1.5000	Verificato
	Parete 23-24	0.0072	0.0434	300.0000	1.5000	Verificato
	Parete 24-39	0.0079	0.0188	300.0000	1.5000	Verificato
	Parete 25-26	0.0050	0.0423	300.0000	1.5000	Verificato
	Parete 35-25	0.0055	0.0187	300.0000	1.5000	Verificato
	Parete 26-27	0.0042	0.1037	300.0000	1.5000	Verificato
	Parete 27-28	0.0036	0.1187	300.0000	1.5000	Verificato
	Parete 28-29	0.0043	0.1031	300.0000	1.5000	Verificato
	Parete 29-30	0.0052	0.0414	300.0000	1.5000	Verificato
	Parete 30-40	0.0057	0.0179	300.0000	1.5000	Verificato
	Parete 32-31	0.0274	0.0187	300.0000	1.5000	Verificato
	Parete 31-34	0.0088	0.0195	300.0000	1.5000	Verificato
	Parete 33-32	0.0256	0.0179	300.0000	1.5000	Verificato
	Parete 35-33	0.0055	0.0179	300.0000	1.5000	Verificato
	Parete 37-36	0.0267	0.0177	300.0000	1.5000	Verificato
	Parete 36-39	0.0079	0.0185	300.0000	1.5000	Verificato
	Parete 38-37	0.0254	0.0170	300.0000	1.5000	Verificato
	Parete 40-38	0.0057	0.0171	300.0000	1.5000	Verificato
SECONDO IMPALCA TO	Pilastro N° 1	0.2993	0.3296	300.0000	1.5000	Verificato
	Pilastro N° 2	0.3000	0.3457	300.0000	1.5000	Verificato
	Pilastro N° 5	0.3007	0.3452	300.0000	1.5000	Verificato
	Pilastro N° 6	0.3000	0.3290	300.0000	1.5000	Verificato
	Pilastro N° 7	0.2907	0.3318	300.0000	1.5000	Verificato
	Pilastro N° 9	0.2856	0.4083	300.0000	1.5000	Verificato
	Pilastro N° 10	0.2860	0.4082	300.0000	1.5000	Verificato
	Pilastro N° 12	0.2903	0.3312	300.0000	1.5000	Verificato
	Pilastro N° 13	0.2942	0.3342	300.0000	1.5000	Verificato
	Pilastro N° 14	0.2939	0.3943	300.0000	1.5000	Verificato
	Pilastro N° 15	0.2925	0.4110	300.0000	1.5000	Verificato
	Pilastro N° 16	0.2929	0.4109	300.0000	1.5000	Verificato
	Pilastro N° 17	0.2942	0.3939	300.0000	1.5000	Verificato
	Pilastro N° 18	0.2945	0.3335	300.0000	1.5000	Verificato
	Pilastro N° 41	0.2927	0.4090	300.0000	1.5000	Verificato
	Pilastro N° 42	0.2933	0.4089	300.0000	1.5000	Verificato

2.6 Verifica Elementi Bidimensionali.

2.6.1 Verifica Piastre.

2.6.1.1 Verifica Piastre in C.A..

2.6.1.1.1 Dati Generali

Piastra : numero della Piastra;
 Imp. : impalcato al quale appartiene la piastra;
 Fili : fili fissi ai quali appartiene la piastra;
 Sp. : spessore della Piastra;
 Largh. Striscia : Larghezza della striscia unitaria di Piastra rispetto alla quale sono state effettuate le verifiche;
 Lungh. Concio : Lunghezza del concio di Piastra rispetto alla quale sono state effettuate le verifiche a taglio;

Tabella 49.I

Piastra	Imp.	Fili	Sp. [cm]	Largh. striscia [cm]	Lungh. concio [cm]
1	PRIMO IMPALCAT O	9, 41, 3, 4, 42, 10	25	100	100

Disposizione Armature

Piastra : numero della Piastra;
 Imp. : impalcato al quale appartiene la piastra;
 Fili : fili fissi ai quali appartiene la piastra;
 Dir. : Direzione rispetto alla quale disporre le armature;
 Diam. : diametro delle armature da disporre nella direzione indicata;
 Inter. intrad. : interasse rispetto al quale posizionare le armature all'intradosso nella direzione indicata;
 Inter. estrad. : interasse rispetto al quale posizionare le armature all'estradosso nella direzione indicata;

Tabella 49.II

Piastra	Imp.	Fili	Dir.	Diam. [mm]	Inter. intrad. [cm]	Inter. estrad. [cm]
1	PRI MO IMP ALC ATO	9, 41, 3, 4, 42, 10	X	14	25.0	25.0
			Y	14	12.0	12.0

2.6.1.1.2 Verifiche SLV - Flessione.

Piastra : numero della Piastra;
 Imp. : impalcato al quale appartiene la piastra;
 Fili : fili fissi ai quali appartiene la piastra;
 RCrit : regione critica;
 Dir. : direzione attorno alla quale sono valutate le caratteristiche flettenti;
 ϵ_{c2} : deformazione di contrazione del calcestruzzo al raggiungimento della massima tensione;
 ϵ_{cu2} : deformazione ultima di contrazione del calcestruzzo;
 Msd : momento sollecitante;
 ϵ_{cls} : deformazione massima del calcestruzzo compresso
 ϵ_{acc} : deformazione massima dell'armatura tesa
 MRd : momento resistente;
 S : Coefficiente di sicurezza;
 Esito : Esito della verifica : V = VERIFICATA;
 : NV = NON VERIFICATA;

Tabella 50.I

Piastra	Imp.	Fili	RCrit	Dir.	ϵ_{c2} [%]	ϵ_{cu2} [%]	Cop. sup. [cm]	Arm. sup.	Cop. inf. [cm]	Arm. inf.	Msd [daNm]	ϵ_{cls} [%]	ϵ_{acc} [%]	MRd [daNm]	S	Esito
1	PRIMO IMPAL CATO	9, 41, 3, 4, 42, 10		X	2.00	3.50	3.4	Ø 14 / 25.0	2.0	Ø 14 / 25.0	3368	1.67	10.00	4983	1.48	V
				Y	2.00	3.50	2.0	Ø 14 / 12.0	3.4	Ø 14 / 12.0	9269	2.29	10.00	9886	1.07	V

2.6.1.1.3 Verifiche SLV - Taglio

Piastra : numero della Piastra;
 Imp. : impalcato al quale appartiene la piastra;
 Fili : fili fissi ai quali appartiene la piastra;
 RCrit : regione critica;
 $\cot(\theta)$: cotangente dell'angolo θ ;
 Diam. : diametro del braccio della staffa;
 AStaffe : area di armatura a taglio da disporre nell'unità di superficie;
 DLong : distanza longitudinale fra i bracci delle staffe;
 DTrasv : distanza trasversale fra i bracci delle staffe;
 VSd : Taglio sollecitante di calcolo;
 VRd : Taglio resistente di calcolo;
 Esito : Esito della verifica : V = VERIFICATA;
 : NV = NON VERIFICATA;

Tabella 51.I

Piastra	Imp.	Fili	RCrit	cot(θ)	Armature				Tagli		Esito
					Diam. [mm]	Dlong [cm]	Dtrasv [cm]	Area [cm ² /m ²]	Vsd [daN]	VRd [daN]	
1	PRI MO IMP ALC ATO	9, 41, 3, 4, 42, 10		2.5	8	24.0	11.4	18.29	35261	35913	V

2.6.1.1.4 Verifiche SLE - Fessurazione

Piastra : numero della Piastra;
 Imp. : impalcato al quale appartiene la piastra;
 Fili : fili fissi ai quali appartiene la piastra;
 Comb. : combinazione di carico (Caratteristica, Frequente, Quasi Permanente);
 RCrit : regione critica;
 Dir. : direzione dell'asse attorno al quale viene valutata la caratteristica flettente;
 Msd : azione sollecitante flettente massima;
 MCr : momento di prima fessurazione;
 Fess. Calc. : fessura di calcolo;
 Fess. Lim. : fessura limite;
 S : Coefficiente di sicurezza;
 Esito : Esito della verifica : V = VERIFICATA;
 : NV = NON VERIFICATA;

Tabella 52.I

Piastra	Imp.	Fili	Comb.	RCrit	Dir.	Msd [daNm]	MCr [daNm]	Fess. Calc. [mm]	Fess. Lim. [mm]	S	Esito
1	PRI MO IMP ALC ATO	9, 41, 3, 4, 42, 10	Freq.		X	2137.34	2278.14	0.00	0.40	-	V
					Y	5879.07	2611.83	0.09	0.40	4.41	V
			Q. Perm.		X	2026.69	2278.14	0.00	0.30	-	V
					Y	5556.87	2611.83	0.08	0.30	3.54	V

2.6.1.1.5 Verifiche SLE - Tensioni di Esercizio

Piastra : numero della Piastra;
 Imp. : impalcato al quale appartiene la piastra;
 Fili : fili fissi ai quali appartiene la piastra;
 Comb. : combinazione di carico (Caratteristica, Frequente, Quasi Permanente);
 RCrit : regione critica;
 Dir. : direzione dell'asse attorno al quale viene valutata la caratteristica flettente;
 Msd : valore massimo della caratteristica flettente di calcolo;
 σ_c : tensioni d'esercizio del calcestruzzo (compressione positiva);
 $\sigma_{c,lim}$: Tensioni limite del calcestruzzo;
 S_{cls} : coefficiente di sicurezza per la verifica del calcestruzzo;
 σ_s : tensioni d'esercizio dell'acciaio (trazione positiva);
 $\sigma_{s,lim}$: Tensioni limite dell'acciaio;
 S_{acc} : coefficiente di sicurezza per la verifica dell'acciaio;
 Esito : Esito della verifica : V = VERIFICATA;
 : NV = NON VERIFICATA;

Tabella 53.I

Piastra	Imp.	Fili	Comb.	RCrit	Dir.	Msd [daNm]	σ_c [daN/cm ²]	$\sigma_{c,lim}$ [daN/cm ²]	S_{cls}	σ_s [daN/cm ²]	$\sigma_{s,lim}$ [daN/cm ²]	S_{acc}	Esito
1	PRI MO IMP AL CA	9, 41, 3, 4, 42, 10	Caratteristica		X	2413.97	42.04	150.00	3.57	-1991.47	3600.00	1.81	V

	TO												
					Y	6684.58	81.52	150.00	1.84	-2726.42	3600.00	1.32	V
			Q. Perm.		X	2026.69	35.30	112.50	3.19	-1671.97	3600.00	2.15	V
					Y	5556.87	67.77	112.50	1.66	-2266.46	3600.00	1.59	V