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Stazione Appaltante:

Comune di **PRAIANO**
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R.U.P.: Arch. Vincenza AMATO

Oggetto:

Comune di **PRAIANO**
Complesso denominato "**La Torricella**" in Località Capo Sottile

Interventi volti all'installazione di un ponteggio nell'ambito del progetto di riqualificazione paesaggistica ed ambientale del complesso denominato "La Torricella" ed aree annesse

Titolo Elaborato:

FASCICOLO dei CALCOLI

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Fascicolo dei Calcoli
(Par. 10.1. Caratteristiche generali – D.M. Infrastrutture 17 gennaio 2018)

Interventi volti all'installazione di un ponteggio nell'ambito del progetto di riqualificazione paesaggistica ed ambientale del Complesso denominato "La Torricella" ed aree annesse.

Committente:	*Comune di **Praiano***
Ubicazione opera:	*Praiano (SA) – Complesso "La Torricella" ed aree annesse in Località Capo Sottile*
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1 BREVE DESCRIZIONE GENERALE DELL'OPERA

Il Comune di Praiano è proprietario del Complesso denominato "La Torricella" e delle aree annesse, in località Capo Sottile.

La Torre, che faceva parte del complesso di torri dell'antica Repubblica Marinara d'Amalfi, è una rarità poiché, a differenza della maggior parte delle torri presenti in Costa d'Amalfi, non è stata eretta su uno degli speroni di roccia ma al centro tra l'area urbana di Praiano e quella di Vettica Maggiore, rappresentando, pertanto, un "unicum" interessante nella storia dell'insediamento antropico in Costa d'Amalfi.

Detto complesso, secondo la Carta da frana del **Piano Stralcio Assetto Idrogeologico, non è classificata** nella Carta del Rischio ma presenta una pericolosità da frana **P3** (*pericolosità elevata*) e **P1** (*pericolosità moderata*), mentre la parete che circoscrive l'area predetta ricade in **P4** (*pericolosità molto elevata*).

L'intenzione della committenza è quella di procedere ad interventi di riqualificazione paesaggistica ed ambientale del predetto sito, al fine di restituirlo alla cittadinanza locale ed ai numerosi turisti che ogni anno visitano il paese costiero. A tal fine si procede con la presente documentazione alla verifica delle condizioni lungo la parete rocciosa per la realizzazione di un ponteggio per la riqualificazione del predetto sito.

Per poter intervenire con le lavorazioni lungo le murature della Torricella si dovrà approntare un ponteggio per permettere alle maestranze di operare in sicurezza.
I ponteggi metallici possono essere classificati in base alla classe di carico, ossia all'entità del carico di servizio che deve essere considerata sugli impalcati del ponteggio ai fini delle verifiche di progetto. Le Circolari del Ministero del Lavoro e della Previdenza Sociale 85/78, 44/90 e 132/91 distinguono:

Classi	Carico uniformemente distribuito (kN/m²)	Carico concentrato area 500 x 500 mm (kN)	Carico concentrato area 200 x 200 mm (kN)	Carico sull'area parziale	
				(kN/m²)	Fattore d'area parziale (m²)
Ponteggio da manutenzione	1,50	1,50	1,00	---	---
Ponteggio da costruzione	3,00	3,00		5	0,4 A
Piazzole di carico	4,50	3,00		7,5	0,4 A

Tabella 1.1 – Classi di carico – Circolari ministeriali 85/78, 44/90 e 132/91

La norma UNI EN 12811-1 introduce altre tre classi di carico oltre a quelle indicate nelle suddette circolari, per un totale di sei classi di carico:

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CLASSE DI CARICO	CARICO UNIFORMEMENTE DISTRIBUITO q_1 (kN/m²)	CARICO CONCENTRATO SULL'AREA 500 mm × 500 mm F1 (kN)	CARICO CONCENTRATO SULL'AREA 200 mm × 200 mm F2 (kN)	*CARICO SULL'AREA PARZIALE*	
				q_2 (kN/m²)	*FATTORE DELL'AREA PARZIALE* a_b [1)]
1	0,75[2)]	1,50	1,00		
2	1,50	1,50	1,00		
3	2,00	1,50	1,00		
4	3,00	3,00	1,00	5,00	0,4
5	4,00	3,00	1,00	7,50	0,4
6	5,00	3,00	1,00	10,00	0,5
1) Vedere punto 6.2.2.4. della UNI EN 12811-1					
2) Vedere punto 6.2.2.1. della UNI EN 12811-1					

Tabella 1.2 – Classi di carico – Norma UNI EN 12811-1

Per l'intervento di progetto si prevede un ponteggio da manutenzione in classe 2, avente un carico uniformemente distribuito pari a 1,50 kN/m².
La tipologia che si prevede di adottare è quella a tubi e giunti, riportata schematicamente di seguito:

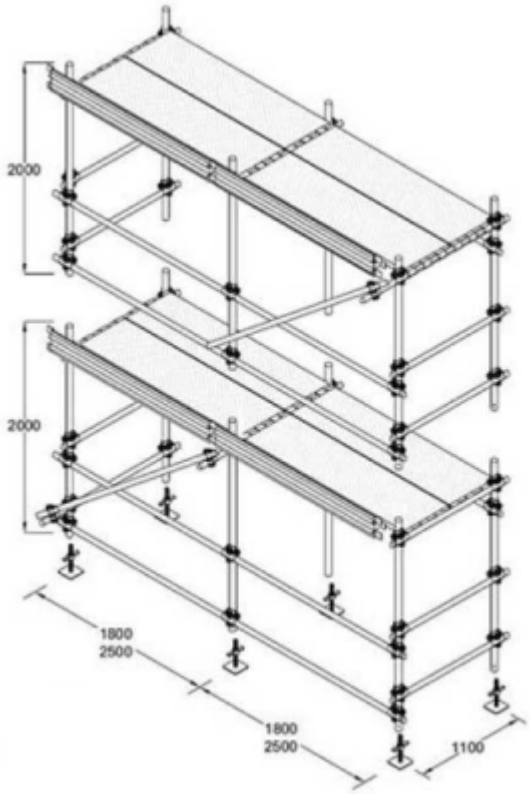

Figura 1.3 – Classi di carico – Norma UNI EN 12811-1

I ponteggi a tubi e giunti hanno una maggiore flessibilità d'impiego poiché sono costituiti da elementi tubolari collegati per mezzo di appositi giunti. Con i giunti presenti oggi in commercio è possibile ottenere composizioni e strutturazioni dei ponteggi di svariate forme, ossia si è svincolati dalla forma dell'edificio;

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tale tipologia però presenta svantaggi dovuti all'eccentricità con cui sono assemblate le aste e maggior onere nella costruzione in quanto i tempi di montaggio sono superiori rispetto ai ponteggi a telai prefabbricati.
La tipologia a tubi e giunti può essere usata per realizzazioni particolari in quanto, come già detto, il sistema di assemblaggio è libero da schemi e dimensioni predefinite.
Per il progetto in esame si prevede una larghezza di 1,10 m ed interasse tra le campate di 1,80 m.

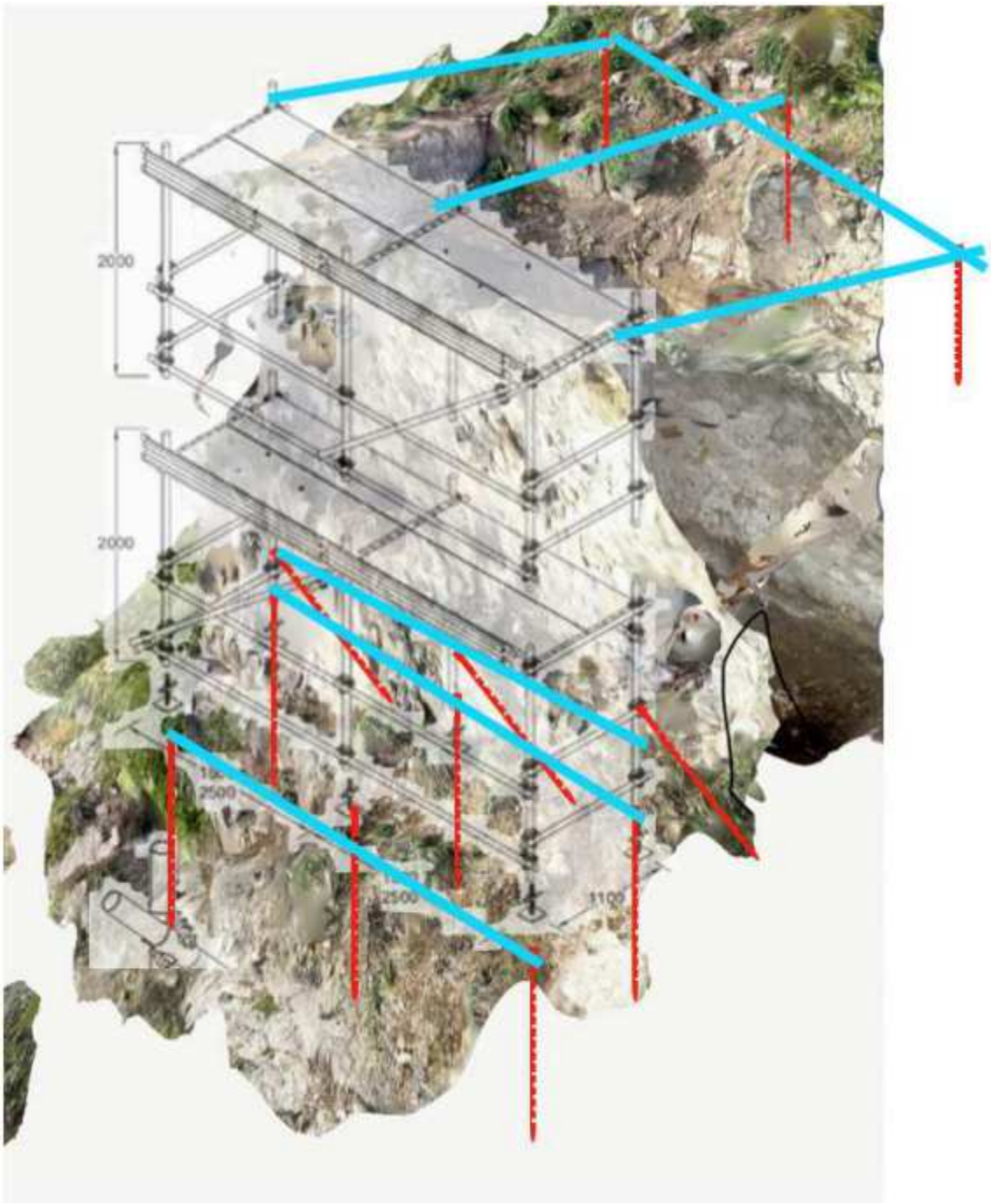

Figura 1.4 – Rendering del ponteggio previsto lungo una sezione tipo

La tipologia di ancoraggio a cravatta al di sopra del muro non può essere eseguita in quanto la muratura non è considerata stabile.

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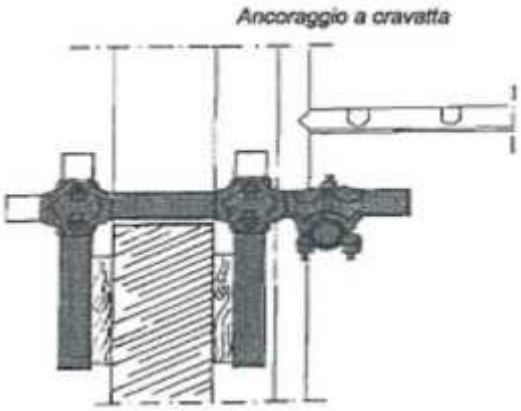

Figura 1.5 – Ancoraggio a cravatta

Si dovranno pertanto realizzare degli ancoraggi infissi nel substrato roccioso ai quali ancorare le tubazioni del ponteggio.
Si prevede di utilizzare degli ancoraggi in barra autoperforante R32 perforati con diametro di 45 mm della lunghezza di 0,80 m.
Il ponteggio potrà appoggiare in funzione della geometria del pendio ed in particolare si individuano 2 casi:

- TIPO A con tutti gli appoggi su barra autoperforante;
- TIPO B con solo appoggio esterno su barra autoperforante (l'appoggio interno potrà essere su semplice piedino regolabile).

Figura 1.6 – Sezione tipo con ponteggio di tipo A

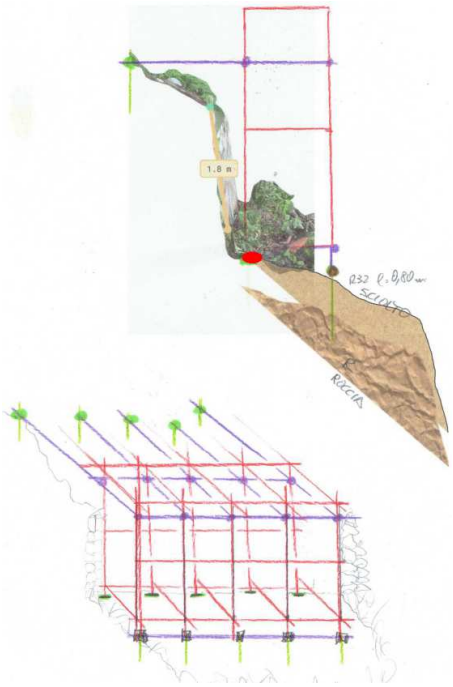

Figura 1.7 – Sezione tipo con ponteggio di tipo B

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TIPO BARRA	DM EST. (mm)	DM INT. (mm)	SNERVAMENTO (kN)	ROTTURA (kN)	PESO (Kg/mt)	Tipo Filetto
R25N	25	14	150	200	2.3	
R32L	32	22	200	260	2.8	
R32N	32	21	230	280	2.9	

Figura 1.8 – Dettaglio della barra autoperforante R32N

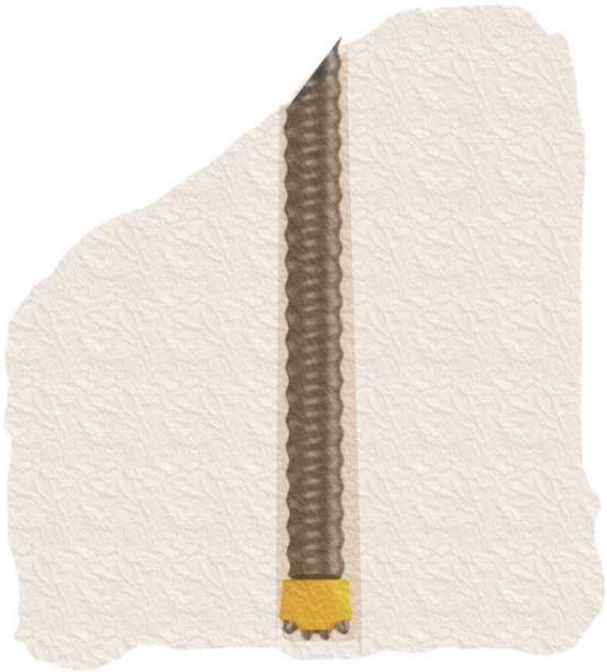

Figura 1.9 – Dettaglio della barra autoperforante R32N

Per l'intervento di manutenzione previsto e per la realizzazione del ponteggio della tipologia tubo-giunto con una larghezza di 1,10 m ed interasse tra le campate di 1,80 m, si dovranno realizzare degli ancoraggi

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infissi nel substrato roccioso ai quali ancorare le tubazioni del ponteggio stesso. Si prevede, pertanto, di utilizzare degli ancoraggi in barra autoperforante R32 perforati con diametro di 45 mm della lunghezza di 0,80 m.
Il ponteggio potrà appoggiare in funzione della geometria del pendio ed in particolare nel TIPO A con tutti gli appoggi su barra autoperforante e nel TIPO B con solo appoggio esterno su barra autoperforante (l'appoggio interno potrà essere su apposito piedino regolabile).

Gli interventi a farsi saranno eseguiti nel pieno rispetto delle norme igienico-sanitarie e di sicurezza per i lavoratori, nonché nel rispetto della pubblica e privata incolumità.

Si riportano di seguito le calcolazioni e i risultati dei vari interventi locali effettuati sull'immobile succitato.

2 NORMATIVE DI RIFERIMENTO

Le normative considerate per il calcolo della struttura in esame sono quelle di seguito citate:

STRUTTURA

Legge 5 novembre 1971 N. 1086

Norme per la disciplina delle opere in conglomerato cementizio armato normale e precompresso ed a struttura metallica.

Norme tecniche delle Costruzioni – D.M. 17/01/2018

Istruzioni per l'applicazione delle Norme Tecniche delle Costruzioni, Circolare Ministero Infrastrutture e Trasporti n° 7 21/01/2019

Norme di cui è consentita l'applicazione ai sensi del cap. 12 del D.M. 17 gennaio 2018:

UNI EN 1990: 2006 - *Eurocodice 1 – Criteri generali di progettazione strutturale.*

UNI ENV 1991-1-1: 2010; *-1-2; 1-3; 1-4; 1.5; Azioni sulla struttura.*

Eurocodice 2 - Progettazione delle strutture in calcestruzzo.

UNI ENV 1992-1-1 Parte 1-1*: Regole generali e regole per gli edifici.*

Eurocodice 3 – Progettazione delle strutture in acciaio.

UNI ENV 1993-1-1 - Parte 1-1: *Regole generali e regole per gli edifici.*

UNI EN 206:2016 - *Calcestruzzo. Specificazioni, prestazioni, produzione e conformità.*

Servizio Tecnico Centrale del Ministero dei Lavori Pubblici – *"Linee Guida sul calcestruzzo strutturale" –*

Circ. MIN.LL.PP. N.11951 del 14 febbraio 1992 - *Circolare illustrativa della legge N. 1086.*

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D.M. 14 febbraio 1992 - *Norme tecniche per l'esecuzione delle opere in cemento armato normale, precompresso e per le strutture metalliche.*

Circ. MIN.LL.PP. N.37406 del 24 giugno 1993 – *Istruzioni relative alle norme tecniche per l'esecuzione delle opere in c.a. normale e precompresso e per le strutture metalliche di cui al D.M. 14 febbraio 1992.*

D.M. 9 gennaio 1996 – *Norme tecniche per l'esecuzione delle opere in cemento armato normale e precompresso e per le strutture metalliche.*

Circ. Min. LL.PP. 15.10.1996 n.252 AA.GG./S.T.C. - *Istruzioni per l'applicazione delle «Norme tecniche per il calcolo e l'esecuzione ed il collaudo delle strutture in cemento armato normale e precompresso e per le strutture metalliche» di cui al D.M. 09.01.1996.*

CARICHI E SOVRACCARICHI

D.M. 16 gennaio 1996 – *Norme tecniche relative ai criteri generali per la verifica di sicurezza delle costruzioni e dei carichi e sovraccarichi*

Circ. MIN.LL.PP. N.156 AA.GG./STC del 4 luglio 1996 – *Istruzioni per l'applicazione delle "Norme tecniche relative ai criteri generali per la verifica di sicurezza delle costruzioni e dei carichi e sovraccarichi" di cui al D.M. 16 gennaio 1996.*

D.M. 16.1.1996 - *Norme tecniche relative alle costruzioni in zone sismiche*

Circ. Min. LL.PP. 10.4.1997, n. 65 - *Istruzioni per l'applicazione delle "Norme tecniche relative alle costruzioni in zone sismiche" di cui al D.M. 16 gennaio 1996*

Norme tecniche per le Costruzioni – D.M. 14/01/2008

Norme tecniche per le Costruzioni – D.M. 17/01/2018

TERRENI E FONDAZIONI

D.M. 11 marzo 1988 – *Norme tecniche riguardanti le indagini sui terreni e sulle rocce, la stabilità dei pendii naturali e delle scarpate, i criteri generali e le prescrizioni per la progettazione, l'esecuzione ed il collaudo delle opere di sostegno delle terre e delle opere di fondazione.*

Circ. MIN.LL.PP. N.30483 del 24 settembre 1988 - *Istruzioni riguardanti le indagini sui terreni e sulle rocce, la stabilità dei pendii naturali e delle scarpate, i criteri generali e le prescrizioni per la progettazione, l'esecuzione ed il collaudo delle opere di sostegno delle terre.*

3 CRITERI PER LA MISURA DELLA SICUREZZA

In generale, ai fini della sicurezza, per i calcoli successivi sono stati adottati i criteri contemplati dal metodo semiprobabilistico agli stati limite. In particolare, sono stati soddisfatti i requisiti richiesti per la sicurezza allo stato limite ultimo, anche sotto gli effetti dell'azione sismica e allo stato limite di esercizio.

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Per quanto concerne le azioni sismiche, saranno individuate le deformazioni relative che controllano eventuali danni alle opere secondarie e agli impianti ivi presenti.

4 SCHEMATIZZAZIONE DELLE AZIONI, CONDIZIONI E COMBINAZIONI DI CARICO

Le azioni agenti sul sistema sono state schematizzate applicando i carichi previsti dalla normativa; in particolare, i carichi gravitazionali che derivano dalle azioni permanenti o variabili sono applicati in direzione verticale (-Z nel sistema globale di riferimento del modello).

Le azioni sismiche, siano esse statiche o dinamiche, derivano dallo stato di eccitazione delle masse assegnate alla struttura, in proporzione ai carichi a cui sono associate per norma. I carichi agenti sulla struttura sono suddivisi in più condizioni elementari di carico, in modo tale da generare le combinazioni necessarie alle verifiche. Le combinazioni di carico statiche allo stato limite ultimo, previste dalle Nuove Norme Tecniche per le Costruzioni – D.M. Infrastrutture 17/01/2018, sono ottenute mediante molteplici combinazioni dei carichi permanenti ed accidentali, in modo da considerare tutte le situazioni più sfavorevoli agenti sulla struttura in esame. A tal uopo, i carichi sono applicati attraverso la loro moltiplicazione per opportuni coefficienti parziali di sicurezza, considerando l'eventualità più gravosa per la sicurezza della struttura. Le azioni sismiche sono valutate in conformità con quanto stabilito dalle norme e specificato nel paragrafo sulle azioni; in particolare, vengono valutate e controllate le deformazioni che la struttura subisce allo stato limite ultimo e allo stato limite di danno. In sede di verifica vengono analizzate tutte le combinazioni di carico, anche di tipo sismico, impostate ai fini della verifica allo stato limite ultimo; sono anche processate le specifiche combinazioni di carico introdotte per valutare lo stato limite di esercizio: tensioni, fessurazioni e deformabilità. Oltre all'impostazione spaziale delle situazioni di carico potenzialmente più critiche, in sede di dimensionamento vengono ulteriormente valutate per tutte le travate le condizioni di lavoro statico derivanti dall'alternanza dei carichi variabili, i cui effetti vanno a sovrapporsi a quelli dei pesi propri delle strutture e dei carichi permanenti. Inoltre, sono imposte delle sollecitazioni flettenti di sicurezza in campata e risultano controllate e verificate le deformazioni in luce degli elementi.

5 UNITÀ DI MISURA

- Azioni e forze: in daN;
- Lunghezze: in cm o in m;
- Momenti: in daN x cm;
- Peso specifico: in daN x mc.

lavoratori, nonché nel rispetto della pubblica e privata incolumità.

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6 CALCOLO DIMENSIONAMENTO DEGLI ANCORAGGI

Di seguito si propone il dimensionamento degli ancoraggi necessari per ancorare il ponteggio e le sue strutture al substrato.

6.1 Normative

- D.M. 17 gennaio 2018 "Norme Tecniche per le Costruzioni";
- Circolare 21 gennaio 2019, n.7 C.S.LL.PP. – "Istruzioni per l'applicazione dell'Aggiornamento delle Norme Tecniche per le Costruzioni" di cui al Decreto Ministeriale 17 gennaio 2018 {G.U. Serie Generale n.35 del 11.02.2019 – Suppl. Ordinario n.5}.

6.2 Situazione stratigrafica

Il sottosuolo dell'area, come da analisi della relazione geologica, è costituito dai seguenti elementi: depositi di copertura e substrato roccioso.

- Il deposito di copertura presenta spessore variabile. Esso è caratterizzato da una copertura, decisamente eterometrica ed a disposizione caotica. Prevalgono i componenti medi-grossolani a cui si uniscono ghiaie e sabbie in percentuali variabili, talora consistenti. I clasti sono tutti di natura calcarea derivando dal disfacimento delle formazioni affioranti lungo il pendio e rappresentano anche il prodotto del disfacimento dei depositi morenici di copertura presenti in alcune aree limitrofe;
- Il substrato roccioso, sub-affiorante verso valle è rappresentato da rocce calcaree massive e calcareo-dolomitiche.

6.3 Ancoraggi

I parametri geotecnici del terreno per il calcolo degli ancoraggi sono stati desunti dalla descrizione litologica e da osservazioni eseguite sul terreno.

Il calcolo inoltre è stato eseguito sulla base della back analysis di terreni analoghi ed in situazioni già riscontrate in passato.

Il calcolo è stato eseguito per ancoraggi previsti quali barre autoperforanti R32 di lunghezza pari ad 0,80 m considerando sia un substrato costituito interamente da roccia e sia un substrato con una porzione superiore in materiale sciolto, perforati con diametro di 45 mm e α=1,25.

I fori nei quali verranno alloggiati gli ancoraggi saranno iniettati con malta dosata a 600 kg di cemento 325 per m^3 di impasto o boiacca cementizia.

Il getto andrà effettuato dal fondo del foro, per mezzo di apposito tubo convogliatore, fino al completo intasamento della perforazione ed al rifluimento della malta dalla testa dell'ancoraggio.

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6.4 Resistenza a sfilamento bulbo

Per la verifica geotecnica si fa riferimento alla combinazione A1+M1+R3 (cfr. 6.6.2 D.M. 17.01.2018) che comporta l'adozione di un coefficiente parziale $\gamma_{R=}$ $\gamma_{Ra,p=}$1,20 per gli ancoraggi permanenti.

Tab. 6.6.I - *Coefficienti parziali per la resistenza degli ancoraggi*

	Simbolo	Coefficiente parziale
Temporanei	γ_R	1,1
Permanenti	γ_R	1,2

La resistenza a sfilamento della fondazione vale:

$$R_{ak}/\gamma_R$$

Con $R_{ak}=(\Pi\ D\ \alpha\ s\ L_s)$ /

Dove:

D= diametro del bulbo [L]

α = coefficiente di iniezione

s = aderenza unitaria limite [F/L^{-2}]

L_s = lunghezza del bulbo [L]

ξ_{a3} = fattore di correlazione per la resistenza caratteristica.

Particolare attenzione è stata posta nella scelta dell'aderenza unitaria, definita facendo riferimento alla trattazione di Bustamante-Doix (1985).

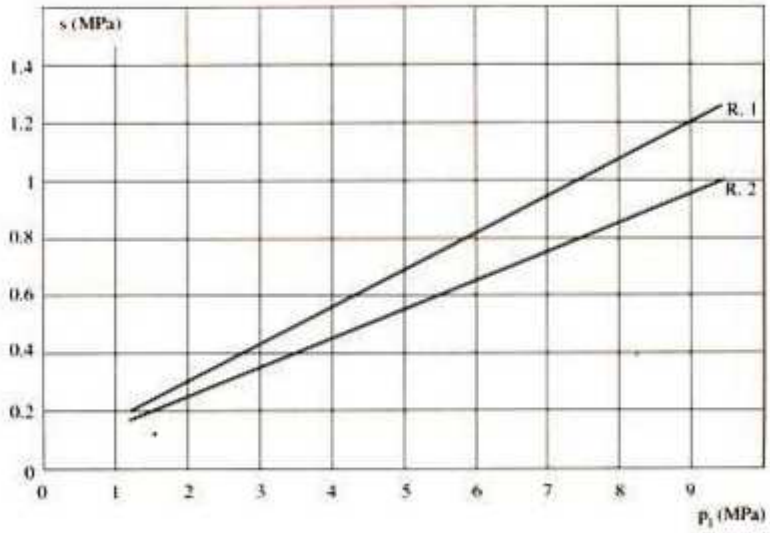

Fig. 13.19. Abaco per il calcolo di s per le rocce alterate e fratturate

Pertanto, in base alle caratteristiche del suolo sono state adottate le adesioni limite riportate in figura (FONDAZIONI; Carlo Viggiani, HEVELIUS 1999).

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Nonostante la mancanza di informazioni riguardanti la pressione limite p_1 secondo il pressiometro Ménard ma dato il limitato grado di alterazione della roccia, il campo di valori 0,15 MPa per il primo strato di terreno è da considerarsi adeguato alle condizioni geologiche.

Il fattore di correlazione per la resistenza caratteristica $\xi_{a3,}$ lo si ricava dalla tabella 6.6.III delle NTC 2018, dove si assume un valore di 1,75 per n.2 verticali indagate.

Numero di profili di indagine	1	2	3	4	≥ 5
ξ_{a3}	1,80	1,75	1,70	1,65	1,60
ξ_{a4}	1,80	1,70	1,65	1,60	1,55

***Fig. 6.1 - Tabella 6.6.III**: Fattori di correlazione per derivare la resistenza caratteristica dalle prove geotecniche, in funzione del numero n di profili di indagine*

La Resistenza caratteristica (R_{ak}) relativa alla lunghezza prescelta per il bulbo per l'ancoraggio sollecitato a compressione risulta:

ANCORAGGIO LATO ESTERNO CON SUBSTRATO INTERAMENTE IN ROCCIA	alfa	Diametro perforazione (m)	Lunghezza eff. (m)	qs (Mpa)	Port lim MN	Port limite (ton)	Port limite (kN)
Strato2 substrato roccioso	1,25	0,045	0,80	0,60	0,08	8,65	84,81
Tot							**84,81**

ANCORAGGIO LATO ESTERNO CON SUBSTRATO CON PORZIONE SUPERIORE IN MATERIALE SCIOLTO	alfa	Diametro perforazione (m)	Lunghezza eff. (m)	qs (Mpa)	Port lim MN	Port limite (ton)	Port limite (kN)
Strato1 terreno sciolto	1,25	0,045	0,30	0,15	0,01	0,81	7,95
Strato2 substrato roccioso	1,25	0,045	0,50	0,60	0,05	5,40	53,00
Tot							**60,96**

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ANCORAGGIO LATO INTERNO CON SUBSTRATO CON PORZIONE SUPERIORE IN MATERIALE SCIOLTO	alfa	Diametro perforazione (m)	Lunghezza eff. (m)	qs (Mpa)	Port lim MN	Port limite (ton)	Port limite (kN)
Strato1 terreno sciolto	1,25	0,045	0,30	0,15	0,01	0,81	7,95
Strato2 substrato roccioso	1,25	0,045	0,50	0,60	0,05	5,40	53,00
Tot							**60,96**

Figura 9 - Calcolo resistenza caratteristica ancoraggio

R_{ad} ancoraggio interamente in roccia lunghezza 0,80 m=84,81 kN/ancoraggio;

R_{ad} ancoraggio con porzione superiore in materiale sciolto lunghezza 0,80 m= 60,96 kN/ancoraggio.

7 AZIONI APPLICATE ALLE STRUTTURE

7.1.1 Peso proprio e sovraccarichi

Le azioni applicate al modello strutturale sono come di seguito richiamato, oltre al peso proprio delle realizzazioni, in accordo con quanto prescritto dal D.M. Infrastrutture del 17/01/2018, riportando le lunghezze in metri e/o centimetri e la forza peso in daN.

MATERIALI	PESO UNITÀ DI VOLUME kN/m³
Calcestruzzi cementizi e malte	
Calcestruzzo ordinario	24.00
Calcestruzzo armato (e/o precompresso)	25.00
Calcestruzzi "leggeri": da determinarsi caso per caso	14,00 ÷ 20,00
Calcestruzzi "pesanti": da determinarsi caso per caso	28,00 ÷ 50,00
Malta di calce	18.00
Malta di cemento	21.00
Calce in polvere	10.00
Cemento in polvere	14.00
Sabbia	17.00
Metalli e leghe	
Acciaio	78.50
Ghisa	72.50
Alluminio	27.00
Materiale lapideo	

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Tufo vulcanico	17.00
Calcare compatto	26.00
Calcare tenero	22.00
Gesso	13.00
Granito	27.00
Laterizio (pieno)	18.00
Legnami	
Conifere e pioppo	4,00 ÷ 6,00
Latifoglie (escluso pioppo)	6,00 ÷ 8,00
Sostanze varie	
Acqua dolce (chiara)	9.810
Acqua di mare (chiara)	10.01
Carta	10.00
Vetro	25.00

Tabella 7.1: Pesi dell' unità di volume dei principali materiali strutturali.

	Ambienti	q_k [kN/m^2]	Q_k [kN]	H_k [kN/m]
A	Ambienti ad uso residenziale			
	Aree per attività domestiche e residenziali; sono compresi in questa categoria i locali di abitazione e relativi servizi, gli alberghi ad esclusione delle aree soggette ad affollamento), camere di degenza di ospedali.	2,00	2,00	1,00
	Scale comuni, balconi, ballatoi.	4,00	4,00	2,00
B	Uffici.			
	Cat. B1 Uffici non aperti al pubblico.	2,00	2,00	1,00
	Cat. B2 Uffici aperti al pubblico.	3,00	2,00	1,00
	Scale comuni, balconi e ballatoi.	4,00	4,00	2,00
C	Ambienti suscettibili di affollamento.			
	Cat. C1 Aree con tavoli, quali scuole, quali caffè, ristoranti, sale per banchetti, lettura e ricevimento.	3,00	3,00	1,00
	Cat. C2 Aree con posti a sedere fissi, quali chiese, teatri, cinema, sale per conferenze e attesa, aule universitarie e aule magne.	4,00	4,00	2,00
	Cat. C3 Ambienti privi di ostacoli al movimento delle persone, quali musei, sale per esposizioni, aree d'accesso a uffici, ad alberghi e ospedali, ad atri di stazioni ferroviarie.	5,00	5,00	3,00
	Cat. C4 Aree con possibile svolgimento di attività fisiche, quali sale da ballo, palestre, palcoscenici.	5,00	5,00	3,00
	Cat. C5 Aree suscettibili di grandi affollamenti, quali edifici per eventi pubblici, sale da concerto, palazzetti per lo sport e relative tribune, gradinate e piattaforme ferroviarie.	5,00	5,00	3,00
	Scale comuni, balconi e ballatoi.	Secondo categoria d'uso servita, con le seguenti limitazioni		
		≥ 4,00	≥ 4,00	≥ 2,00
D	Ambienti ad uso commerciale.			
	Cat. D1 Negozi.	4,00	4,00	2,00
	Cat. D2 Centri commerciali, mercati, grandi magazzini.	5,00	5,00	2,00
	Scale comuni, balconi e ballatoi.	Secondo la categoria d'uso servita		

Interventi volti all'installazione di un ponteggio nell'ambito del progetto di riqualificazione paesaggistica ed ambientale del Complesso denominato "La Torricella" ed aree annesse.

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E	Aree per immagazzinamento e uso commerciale ed uso industriale.			
	Cat. E1 Aree per accumulo di merci e relative aree d'accesso, quali biblioteche, archivi, magazzini, depositi, laboratori manifatturieri.	≥ 6,00	7,00	1,00*
	Cat. E2 Ambienti ad uso industriale.	Da valutarsi caso per caso		
F-G	Rimesse e aree per traffico di veicoli (esclusi i ponti).			
	Cat. F. Rimesse, aree per traffico, parcheggio e sosta di veicoli leggeri (peso a pieno carico fino a 30 kN).	2,50	2×10,00	1,00*
	Cat. G Aree per traffico e parcheggio di veicoli medi (peso a pieno carico compreso fra 30 kN e 160 kN), quali rampe d'accesso, zone di carico e scarico merci.	Da valutarsi caso per caso e comunque non minori di		
		5,00	2×50,00	1,00*
H-I-K	Coperture.			
	Cat. H Coperture accessibili per sola manutenzione e riparazione.	0,50	1,20	1,00
	Cat. I Coperture praticabili di ambienti di categoria d'uso compresa fra A e D.	Secondo categorie di appartenenza		
	Cat. K Coperture per usi speciali, quali impianti, eliporti.	Da valutarsi caso per caso		

Tabella 7.2.: Valori dei sovraccarichi per le diverse categorie d'uso delle costruzioni.

7.1.2 Azione sismica

L'azione sismica è stata applicata sulla struttura intelaiata secondo le indicazioni contenute nel D.M. Infrastrutture del 17/01/2018 ed è stata eseguita secondo l'analisi statica.

I parametri che determinano l'azione sismica sono i seguenti:

Nome dell'archivio di lavoro	Torricella_Ponteggio
Intestazione del lavoro	Torricella_Ponteggio
Tipo di struttura	Nello Spazio
Tipo di analisi	Statica
Tipo di soluzione	Lineare
Unità di misura delle forze	daN
Unità di misura delle lunghezze	cm
Normativa	NTC/2018

Tabella 7.3.: Intestazione e dati caratteristici della struttura.

8 CONTESTO EDILIZIO E CARATTERISTICHE DEL SITO

8.1 Prestazioni di progetto, classe della struttura, vita utile

Le prestazioni della struttura e le condizioni necessarie alla sua sicurezza sono state individuate comunemente dal verificatore e dal committente. A tal fine è stata posta attenzione al tipo di struttura, al suo uso, alle possibili conseguenze di azioni, anche accidentali, e, soprattutto, alla sicurezza delle persone.

La struttura a farsi è stata individuata essere di classe I, come si evince dal § 2.4.2 del D.M. Infrastrutture del 17/01/2018, in quanto deposito soggetto alla presenza occasionale di persone.

> *2.4.2 CLASSI D'USO*
>
> *In presenza di azioni sismiche, con riferimento alle conseguenze di una interruzione di operatività o di un eventuale collasso, le costruzioni sono suddivise in classi d'uso così definite:*

Interventi volti all'installazione di un ponteggio nell'ambito del progetto di riqualificazione paesaggistica ed ambientale del Complesso denominato "La Torricella" ed aree annesse.

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Classe I: Costruzioni con presenza solo occasionale di persone, edifici agricoli.

Classe II: Costruzioni il cui uso preveda normali affollamenti, senza contenuti pericolosi per l'ambiente e senza funzioni pubbliche e sociali essenziali. Industrie con attività non pericolose per l'ambiente. Ponti, opere infrastrutturali, reti viarie non ricadenti in Classe d'uso III o in Classe d'uso IV, reti ferroviarie la cui interruzione non provochi situazioni di emergenza. Dighe il cui collasso non provochi conseguenze rilevanti.

Classe III: Costruzioni il cui uso preveda affollamenti significativi. Industrie con attività pericolose per l'ambiente. Reti viarie extraurbane non ricadenti in Classe d'uso IV. Ponti e reti ferroviarie la cui interruzione provochi situazioni di emergenza. Dighe rilevanti per le conseguenze di un loro eventuale collasso.

Classe IV: Costruzioni con funzioni pubbliche o strategiche importanti, anche con riferimento alla gestione della protezione civile in caso di calamità. Industrie con attività particolarmente pericolose per l'ambiente. Reti viarie di tipo A o B, di cui al D.M. 5 novembre 2001, n. 6792, "Norme funzionali e geometriche per la costruzione delle strade", e di tipo C quando appartenenti ad itinerari di collegamento tra capoluoghi di provincia non altresì serviti da strade di tipo A o B. Ponti e reti ferroviarie di importanza critica per il mantenimento delle vie di comunicazione, particolarmente dopo un evento sismico. Dighe connesse al funzionamento di acquedotti e a impianti di produzione di energia elettrica.

In tal modo risulta definito l'insieme degli stati limite riscontrabili nella vita della struttura e, in fase di verifica, è stato accertato che essi non siano superati. Altrettanta cura è stata posta per garantire la durabilità della struttura, con la consapevolezza che tutte le prestazioni attese potranno essere adeguatamente realizzate solo mediante opportune procedure da seguire non solo in fase di progettazione, ma anche in fase di costruzione, manutenzione e gestione dell'opera.

Per quanto concerne la durabilità della struttura, si sono presi in considerazione tutti gli accorgimenti utili alla conservazione delle caratteristiche fisiche e dinamiche dei materiali e delle strutture, in considerazione dell'ambiente in cui l'opera dovrà vivere e dei cicli di carico a cui sarà sottoposta; per cui la qualità dei materiali e le dimensioni degli elementi sono coerenti con tali obiettivi.

Durante la fase di montaggio saranno attuate severe procedure di controllo sulla qualità, in particolare per quanto riguarda i materiali, i componenti, le lavorazioni e i metodi costruttivi; a tal guisa, si sono seguiti tutti gli inderogabili suggerimenti previsti dalle Norme Tecniche per le Costruzioni.

9 CRITERI DI CONCEZIONE E SCHEMATIZZAZIONE STRUTTURALE, MODELLAZIONE DEL TERRENO, PROPRIETÀ DEI MATERIALI ED EFFICACIA DEL MODELLO

Diamo una breve descrizione delle simbologie adottate da MasterSap, il software utilizzato per redigere questo report progettuale.

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9.1 NODI

La struttura è individuata da nodi riportati in coordinate. Ogni nodo possiede sei gradi di libertà, associati alle sei possibili deformazioni. I gradi di libertà possono essere liberi (spostamenti generalizzati incogniti), bloccati (spostamenti generalizzati corrispondente uguale a zero), di tipo slave o linked (il parametro cinematico dipende dalla relazione con altri gradi di libertà). Si può intervenire sui gradi di libertà bloccando uno o più gradi. I blocchi vengono applicate nella direzione della terna locale del nodo. Le relazioni complesse creano un legame tra uno o più gradi di libertà di un nodo detto slave con quelli di un altro nodo detto master. Esistono tre tipi di relazioni complesse. Le relazioni di tipo link prescrivono l'uguaglianza tra gradi di libertà analoghi di nodi diversi. Specificare una relazione di tipo link significa specificare il nodo slave assieme ai gradi di libertà che partecipano al vincolo ed il nodo master. I gradi di libertà slave saranno eguagliati ai rispettivi gradi di libertà del nodo master. La relazione di piano rigido prescrive che il nodo slave appartiene ad un piano rigido e quindi che i due spostamenti in piano e la rotazione normale al piano sono legati ai tre parametri di roto-traslazione rigida di un piano. Il Corpo rigido prescrive che il nodo slave fa parte di un corpo rigido e tutti e sei i suoi gradi di libertà sono legati ai sei gradi di libertà posseduti dal corpo rigido (i gradi di libertà del suo nodo master).

9.2 MATERIALI

I materiali sono individuati da un codice specifico e descritti dal modulo di elasticità, dal coefficiente di Poisson, dal peso specifico, dal coefficiente di dilatazione termica.

SEZIONI

Le sezioni sono individuate in ogni caso da un codice numerico specifico, dal tipo e dai relativi parametri identificativi. La simbologia adottata dal programma è la seguente:

- rettangolare piena (Rp);
- rettangolare cava (Rc);
- circolare piena (Cp);
- circolare cava (Cc);
- T (T.);
- T rovescia (Tr);
- L (L.);
- C (C.);
- C rovescia (Cr);
- cassone (Ca);
- profilo singolo (Ps);
- profilo doppio (Pd);
- generica (Ge).

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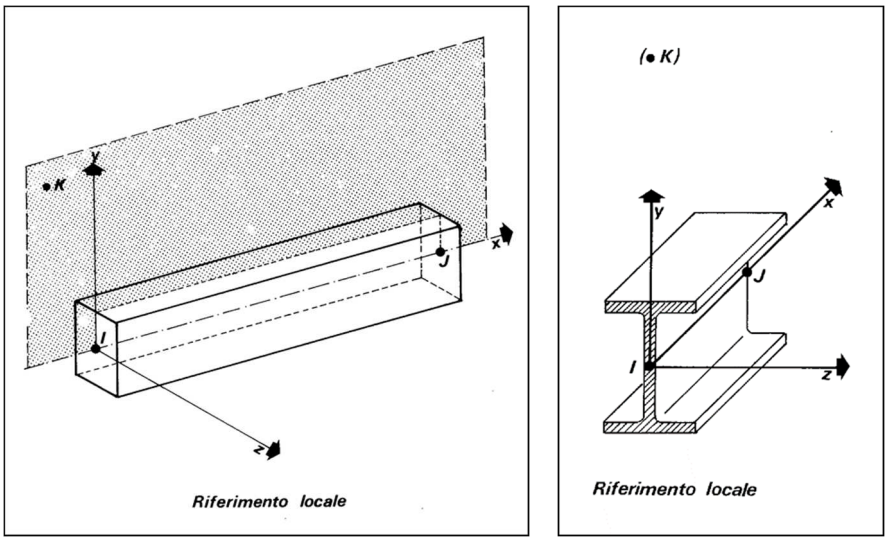

Figura 9.1

9.3 CARICHI

I carichi agenti sulla struttura possono essere suddivisi in carichi nodali e carichi elementari. I carichi nodali sono forze e coppie concentrate applicate ai nodi della discretizzazione. I carichi elementari sono forze, coppie e sollecitazioni termiche. I carichi in luce sono individuati da un codice numerico, da un tipo e da una descrizione. Sono previsti carichi distribuiti trapezoidali riferiti agli assi globali (fX, fY, fZ, fV) e locali (fx, fy, fz), forze concentrate riferite agli assi globali (FX, FY, FZ, FV) o locali (Fx, Fy, Fz), momenti concentrati riferiti agli assi locali (Mx, My, Mz), momento torcente distribuito riferito all'asse locale x (mx), carichi termici (tx, ty, tz), descritti con i relativi parametri identificativi, aliquote inerziali comprese, rispetto al riferimento locale. I carichi in luce possono essere attribuiti solo a elementi finiti del tipo trave o trave di fondazione.

9.4 ELEMENTI FINITI

La struttura può essere suddivisa in sottostrutture, chiamate gruppi.

ELEMENTO TRUSS (ASTA RETICOLARE)

L'elemento truss (asta reticolare) rappresenta il modello meccanico della biella elastica. Possiede 2 nodi I e J e di conseguenza 12 gradi di libertà. Gli elementi truss sono caratterizzati da 4 parametri fisici e geometrici ovvero:

1. A Area della sezione.
2. E. Modulo elastico.
3. ϱ. Densità di peso (peso per unità di volume).
4. α. Coefficiente termico di dilatazione cubica.

I dati di input e i risultati del calcolo relativi all'elemento stesso sono riferiti alla terna locale di riferimento indicata in figura.

ELEMENTO FRAME (TRAVE E PILASTRO, TRAVE DI FONDAZIONE)

L'elemento frame implementa il modello della trave nello spazio tridimensionale. È caratterizzato da 2 nodi principali I e J posti alle sue estremità ed un nodo geometrico facoltativo K che serve solamente a

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fissare univocamente la posizione degli assi locali. L'elemento frame possiede 12 gradi di libertà. Ogni elemento viene riferito a una terna locale destra x, y, z, come mostrato in figura. L'elemento frame supporta varie opzioni tra cui:

1. deformabilità da taglio (travi tozze);
2. sconnessioni totali o parziali alle estremità;
3. connessioni elastiche alle estremità;
4. offset, ovvero tratti rigidi eventualmente fuori asse alle estremità;
5. suolo elastico alla Winkler nelle tre direzioni locali e a torsione.

L'elemento frame supporta i seguenti carichi:

1. carichi distribuiti trapezoidali in tutte le direzioni locali o globali;
2. sollecitazioni termiche uniformi e gradienti termici nelle due direzioni principali;
3. forza concentrata in tutte le direzioni applicata in un punto arbitrario;
4. carichi generici mediante prescrizione delle reazioni di incastro perfetto.

I gruppi formati da elementi del tipo trave riportano, in ordine, i numeri dei nodi iniziale (I), finale (J) e di riferimento (K), la situazione degli svincoli ai nodi I e J (indicate in legenda eventuali situazioni diverse dall'incastro perfetto ad entrambi i nodi), i codici dei materiali e delle sezioni, la situazione di carico nelle otto possibili condizioni A, B, C, D, E, F, G, H: se è presente un numero, esso individua il coefficiente moltiplicativo del carico corrispondente.

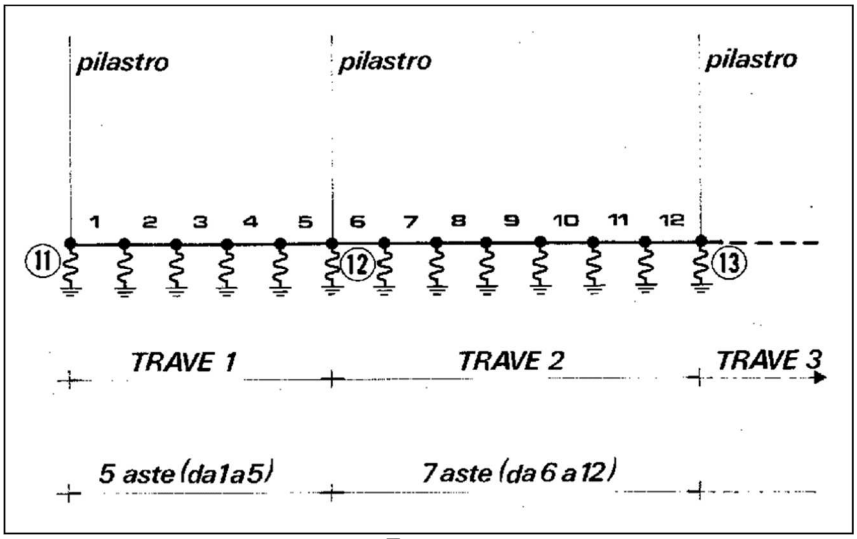

Figura 9.2

I gruppi relativi all'elemento trave di fondazione riportano informazioni analoghe; le condizioni di carico sono limitate a due (A e B); È indicata la caratteristica del suolo, la larghezza di contatto con il terreno e il numero di suddivisioni interne. Per la trave di fondazione il programma abilita automaticamente solo i gradi di libertà relativi alla rotazione intorno agli assi globali X, Y e alla traslazione secondo Z, bloccando gli altri gradi di libertà. Ogni trave di fondazione è suddivisa in un numero adeguato di parti (aste). Ogni singola asta interagisce con il terreno mediante un elemento finito del tipo vincolo elastico alla traslazione verticale tZ convergente ai suoi nodi (vedi figura), il cui valore di rigidezza viene determinato da programma moltiplicando la costante di sottofondo assegnata dall'utente per l'area di contatto con il terreno in corrispondenza del nodo. I tipi di carichi ammessi sono solo di tipo distribuito fZ, fV, fy. Inoltre accade che: Vi=Vf; di=df=0, ovvero il carico è di tipo rettangolare esteso per tutta la lunghezza della trave.

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ELEMENTO SHELL (GUSCIO)

L'elemento shell implementa il modello del guscio piatto ortotropo nello spazio tridimensionale. È caratterizzato da 3 o 4 nodi I, J, K ed L posti nei vertici e 6 gradi di libertà per ogni nodo. Il comportamento flessionale e quello membranale sono disaccoppiati. Gli elementi guscio/piastra si caratterizzano perché possono subire carichi nel piano ma anche ortogonali al piano ed essere quindi soggetti anche ad azioni flettenti e torcenti. Gli elementi in esame hanno formalmente tutti i sei gradi di libertà attivi, ma non posseggono rigidezza per la rotazione ortogonale al piano dell'elemento. Nei gruppi shell definiti "platea" viene attuato il blocco di tre gradi di libertà, uX, uY, rZ, per tutti i nodi del gruppo. Ogni gruppo può contenere uno o più elementi (max 1999). Ogni elemento viene definito da questi parametri:

1. elemento numero (massimo 1999 per ogni gruppo);
2. nodi di riferimento I, J, K, L;
3. spessore;
4. materiale;
5. pressioni e relative aliquote dinamiche;
6. temperatura;
7. gradiente termico;
8. carichi distribuiti e relative aliquote dinamiche.

ELEMENTO PLANE (STATO PIANO DI TENSIONE, STATO PIANO DI DEFORMAZIONE, ASSIALSIMMETRICO)

L'elemento plane implementa i modelli dell'elasticità piana nelle tre classiche varianti degli stati piani di tensione, di deformazione e dei problemi assialsimmetrici, per materiali ortotropi nello spazio bidimensionale. È caratterizzato da 3 o 4 nodi I, J, K, L posti nei vertici e 2 gradi di libertà per ogni nodo.

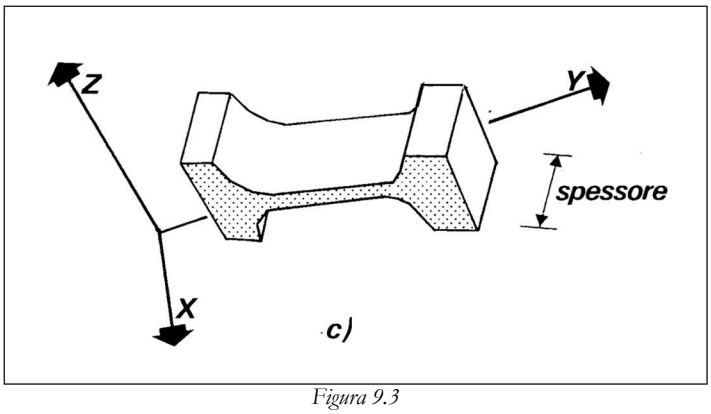

Figura 9.3

Gli elementi in stato piano di tensione, di deformazione o assialsimmetrici sono elementi piani quadrilateri (4 nodi) o triangolari (3 nodi) bidimensionali, caratterizzati da due dimensioni dello stesso ordine di grandezza, prevalenti sulla terza dimensione, che individua lo spessore. Vengono utilizzati per rappresentare strutture bidimensionali caricate nel piano: sono nulle le tensioni ortogonali al piano dell'elemento. Gli elementi in Stato Piano di Deformazione sono elementi per cui è nulla la deformazione ortogonale al piano, ma non la tensione relativa. Vanno obbligatoriamente analizzati nel piano YZ e si assume uno sviluppo unitario sulla terza dimensione (lungo X). Hanno attivi i due gradi di libertà relativi agli spostamenti nel piano YZ. Gli elementi Assialsimmetrici rappresentano solidi simmetrici, ottenuti per rotazione intorno all'asse verticale Z e simmetricamente caricati; sono individuati dalla loro sezione

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nel piano YZ. Anche gli elementi assialsimmetrici vanno studiati nel piano YZ e hanno attivi i gradi di libertà relativi agli spostamenti in questo piano. Il programma analizza il loro comportamento per uno sviluppo angolare di un radiante. Ogni gruppo può contenere uno o più elementi (max 1999). Ogni elemento viene definito con questi parametri:

1. numero elemento (massimo 1999 per gruppo);
2. nodi di riferimento I, J, K, L;
3. spessore;
4. materiale;
5. carichi (o pressioni) e relative aliquote dinamiche;
6. temperatura.

ELEMENTO BOUNDARY (VINCOLO)

L'elemento boundary è sostanzialmente un elemento molla con rigidezza assiale in una direzione specificata e rigidezza torsionale attorno alla stessa direzione. È utile quando si vogliono determinare le reazioni vincolari oppure quando si vogliono imporre degli spostamenti o delle rotazioni di alcuni nodi (cedimenti vincolari). I parametri relativi ad ogni singolo vincolo sono:

1. il nodo a cui è collegato il vincolo (o i vincoli, massimo sei);
2. la traslazione imposta (L) o la rotazione imposta (radianti);
3. la rigidezza (per le traslazioni in F/L, per le rotazioni in F*L/rad).

ELEMENTO PLINTO

Il plinto viene modellato mediante vincoli elastici alla traslazione e alla rotazione. Il nodo I è il nodo di attacco del plinto e generalmente corrisponde con il nodo al piede di un pilastro. Si suppone, implicitamente, l'esistenza di un nodo J posizionato sopra I, sulla sua verticale (vedi figura). Il nodo K consente, assieme a I e J, di orientare il plinto nello spazio. Valgono al riguardo considerazioni analoghe a quelle fatte per i pilastri. L'asse locale x è diretto da I verso J, l'asse locale y è ortogonale a x e punta verso K, l'asse locale z forma, con x e y l'usuale terna cartesiana destrorsa. La sezione del plinto è quella orizzontale in pianta, esclusivamente rettangolare. La base della sezione si misura parallelamente all'asse locale z, l'altezza si valuta secondo y. L'altezza h del plinto si misura in verticale (secondo l'asse globale Z).

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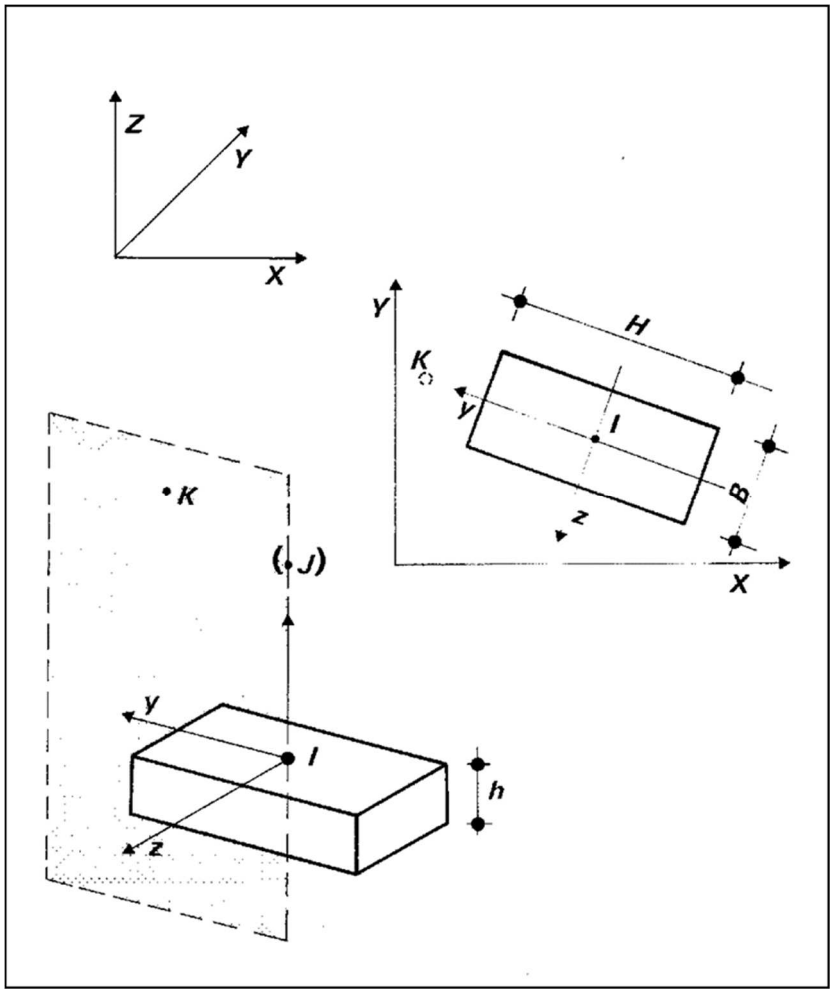

Figura 9.4

La struttura ed il suo comportamento sotto le azioni statiche e dinamiche è stato adeguatamente valutato, interpretato e trasferito el modello che si caratterizza per la sua impostazione completamente tridimensionale. A tal fine, ai nodi strutturali possono convergere diverse tipologie di elementi, che nel codice numerico di calcolo corrispondono ad altrettante tipologie di elementi finiti. Travi e pilastri, ovvero componenti tridimensionali in cui una dimensione prevale sulle altre due, vengono modellati come elementi definiti beam, il cui comportamento può essere opportunamente perfezionato attraverso alcune opzioni, quale può essere la definizione della modalità di connessione all'estremità.

Eventuali elementi soggetti a solo sforzo normale, invece, possono essere trattati come elementi di tipo truss, oppure con elementi di tipo beam opportunamente svincolati.

Le pareti, le piastre e le platee, ovvero i componenti strutturali bidimensionali in cui due dimensioni prevalgono sulla terza, sono modellati con elementi di tipo shell a comportamento flessionale e membranale.

I vincoli con l'ambiente esterno sono rappresentati nei casi più semplici (apparecchi di appoggio, cerniere e carrelli) con elementi in grado di definire le modalità di vincolo e le rigidezze nello spazio. Tali elementi, coniugati con i precedenti, consentono di modellare i casi più complessi, ma più frequenti, di interazione con il terreno, realizzabile tipicamente mediante fondazioni, pali, platee, nonché attraverso una combinazione di tali situazioni.

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Il comportamento del terreno è sostanzialmente rappresentato mediante una schematizzazione lineare alla Winkler, caratterizzata principalmente da una opportuna costante di sottofondo, che può essere anche variata nella superficie di contatto tra la struttura e il terreno di fondazione, e quindi essere in grado di descrivere anche situazioni più complesse.

I parametri dei materiali utilizzati per la modellazione riguardano, sostanzialmente, il modulo di Young e il coefficiente di Poisson; ma sono anche disponibili altre opzioni che consentono di ridurre la rigidezza flessionale e tagliante dei materiali stessi, per considerare l'effetto di fenomeni fessurativi sugli stessi.

Il calcolo viene condotto mediante l'analisi lineare, ma vengono anche considerati gli effetti del secondo ordine e si può simulare il comportamento di elementi resistenti a sola trazione o compressione.

La presenza di diaframmi orizzontali nel piano, se rigidi, sono gestiti attraverso l'impostazione di un'apposita relazione fra i nodi strutturali coinvolti, che ne condiziona il movimento relativo; relazioni analoghe possono essere impostate anche fra elementi contigui.

Si ritiene che il modello utilizzato sia rappresentativo del comportamento reale della struttura; sono stati valutati, inoltre, tutti i possibili effetti e le azioni anche transitorie che possano essere significative ad avere implicazioni per la struttura.

Per le valutazioni in questione è stata impiegata un'analisi dinamica in campo lineare, con adozione di spettro di risposta conforme al D.M. Infrastrutture del 17/01/2018; agli effetti della verifica è stato, quindi, impiegato il metodo semiprobabilistico degli stati limite.

10 METODOLOGIE DI CALCOLO, TIPO DI ANALISI E STRUMENTI UTILIZZATI

L'analisi di tipo numerico della struttura è stata realizzata mediante il programma di calcolo MasterSap, prodotto da Studio Software AMV s.r.l. di Ronchi dei Legionari (GO).

E' stata utilizzata un'analisi lineare sismica statica nel rispetto delle norme indicate precedentemente. Le procedure di verifica adottate seguono il metodo degli stati limite ultimo e di esercizio, secondo quanto prescritto nel D.M. Infrastrutture del 17/01/2018 – Norme Tecniche per le Costruzioni.

10.1 Informazioni integrative sull'uso dei codici di calcolo

Sulla scorta di quanto richiesto al § 10.2 del D.M. Infrastrutture del 17/01/2018, il produttore e distributore Studio Software AMV s.r.l. espone la seguente relazione riguardante il solutore numerico e, più in generale, la procedura di analisi e dimensionamento MasterSap. Si sottolinea che sul proprio sito internet – www.amv.it – è disponibile sia il manuale teorico del solutore, sia il documento comprendente i numerosi esempi di validazione dello stesso.

Dal momento che tali monumentali documenti sono di assoluto pubblico dominio, si ritiene sufficiente proporre in questa sede una sintesi dell'argomento, sia pure adeguatamente esauriente.

Il motore di calcolo adottato da MasterSap, denominato LiFE-Pack, è un programma ad elementi finiti che permette l'analisi statica e dinamica in ambito lineare e non lineare, con estensioni per il calcolo degli effetti del secondo ordine.

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Il solutore lineare usato in analisi statica ed in analisi modale è basato su un classico algoritmo di fattorizzazione multifrontale per matrici sparse che utilizza la tecnica di condensazione supernodale ai fini di velocizzare le operazioni.

Prima della fattorizzazione viene eseguito un riordino simmetrico delle righe e delle colonne del sistema lineare al fine di calcolare un percorso di eliminazione ottimale che massimizza la dispersione del fattore.

Il solutore modale è basato sulla formulazione inversa dell'algoritmo di Lanczos noto come Thick Restarted Lanczos ed è particolarmente adatto alla soluzione di problemi di grande e grandissima dimensione ovvero con molti gradi di libertà.

L'algoritmo di Lanczos oltre ad essere supportato da una rigorosa teoria matematica, è estremamente efficiente e competitivo e non ha limiti superiori nella dimensione dei problemi, se non quelli delle risorse hardware della macchina utilizzata per il calcolo.

L'analisi con i contributi del secondo ordine viene realizzata aggiornando la matrice di rigidezza elastica del sistema con i contributi della matrice di rigidezza geometrica.

Un'estensione non lineare, che introduce elementi a comportamento multilineare, si avvale di un solutore incrementale che utilizza nella fase iterativa della soluzione il metodo del gradiente coniugato precondizionato.

Grande attenzione è stata riservata agli esempi di validazione del solutore.

Gli esempi sono stati tratti dalla letteratura tecnica consolidata e i confronti sono stati realizzati con i risultati teorici e, in molti casi, con quelli prodotti, sugli esempi stessi, da prodotti internazionali di comparabile e riconosciuta validità.

In MasterSap sono presenti moltissime procedure di controllo e filtri di autodiagnostica. In fase di input, su ogni dato, viene eseguito un controllo di compatibilità. Un ulteriore procedura di controllo può essere lanciata dall'utente in modo da individuare tutti gli errori gravi o gli eventuali difetti della modellazione.

Analoghi controlli vengono eseguiti da MasterSap in fase di calcolo prima della preparazione dei dati per il solutore.

I dati trasferiti al solutore sono facilmente consultabili attraverso la lettura del file di input in formato XML, leggibili in modo immediato dall'utente. Apposite procedure di controllo sono predisposte per i programmi di dimensionamento per il c.a., acciaio, legno, alluminio, muratura etc.

Tali controlli riguardano l'esito della verifica: vengono segnalati, per via numerica e grafica (vedi esempio a fianco), i casi in contrasto con le comuni tecniche costruttive e gli errori di dimensionamento (che bloccano lo sviluppo delle fasi successive della progettazione, ad esempio il disegno esecutivo).

Nei casi previsti dalla norma, ad esempio qualora contemplato dalle disposizioni sismiche in applicazione, vengono eseguiti i controlli sulla geometria strutturale, che vengono segnalati con la stessa modalità dei difetti di progettazione.

Ulteriori funzioni, a disposizione dell'utente, agevolano il controllo dei dati e dei risultati. È possibile eseguire una funzione di ricerca su tutte le proprietà (geometriche, fisiche, di carico ecc.) del modello individuando gli elementi interessati.

Si possono rappresentare e interrogare graficamente, in ogni sezione desiderata, tutti i risultati dell'analisi e del dimensionamento strutturale.

Interventi volti all'installazione di un ponteggio nell'ambito del progetto di riqualificazione paesaggistica ed ambientale del Complesso denominato "La Torricella" ed aree annesse.

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Nel caso sismico viene evidenziata la posizione del centro di massa e di rigidezza del sistema. Per gli edifici è possibile, per ogni piano, a partire delle fondazioni, conoscere la risultante delle azioni verticali orizzontali. Analoghi risultati sono disponibili per i vincoli esterni.

Il software a disposizione del sottoscritto è denominato MASTERSAP TOP, MASTERARM TOP, MASTERMURI TOP, SOLAI TOP con licenza d'uso n.35955 e n.36235.

10.2 Valutazione dei risultati e giudizio motivato sulla loro accettabilità

Il programma di calcolo utilizzato MasterSap è idoneo a riprodurre nel modello matematico il comportamento della struttura e gli elementi finiti disponibili e utilizzati sono rappresentativi della realtà costruttiva. Le funzioni di controllo disponibili, innanzitutto quelle grafiche, consentono di verificare la riproduzione della realtà costruttiva ed accertare la corrispondenza del modello con la geometria strutturale e con le condizioni di carico ipotizzate.

In ogni caso sono stati effettuati alcuni controlli dimensionali con gli strumenti software a disposizione dell'utente. Tutte le proprietà di rilevanza strutturale (materiali, sezioni, carichi, sconnessioni, etc.) sono state controllate attraverso le funzioni di indagine specificatamente previste. Sono state sfruttate le funzioni di autodiagnostica presenti nel software che hanno accertato che non sussistono difetti formali di impostazione. E' stato accertato che le risultanti delle azioni verticali sono in equilibrio con i carichi applicati. Sono state controllate le azioni taglianti di piano ed accertata la loro congruenza con quella ricavabile da semplici ed agevoli elaborazioni. Le sollecitazioni prodotte da alcune combinazioni di carico di prova hanno prodotto valori prossimi a quelli ricavabili adottando consolidate formulazioni ricavate della Scienza delle Costruzioni. Anche le deformazioni risultano prossime ai valori attesi.

11 CARICHI APPLICATI AGLI ELEMENTI STRUTTURALI

STAMPA DEI DATI DI PROGETTO

INTESTAZIONE E DATI CARATTERISTICI DELLA STRUTTURA

Nome dell'archivio di lavoro	**Torricella_Ponteggio**
Intestazione del lavoro	**Torricella_Ponteggio**
Tipo di struttura	Nello Spazio
Tipo di analisi	Statica
Tipo di soluzione	Lineare
Unita' di misura delle forze	daN
Unita' di misura delle lunghezze	cm

CARICHI PER ELEMENTI TRAVE, TRAVE DI FONDAZIONE E RETICOLARE

Carico distribuito con riferimento globale X

Descrizione	Cod.	Cond. carico	Tipo Azione/categoria	Val. iniz.	Dist. iniz. nodo I	Val. finale	Dist.fin. nodo I	Aliq.inerz.	Aliq.inerz. SLD
Vento +X	2	Condizione 2	Variabile: Vento	0.020000	0.000	0.020000	0.000	0.0000	0.0000
Vento -X	3	Condizione 3	Variabile: Vento	-0.020000	0.000	-0.020000	0.000	0.0000	0.0000

Carico distribuito con riferimento globale Y

Descrizione	Cod.	Cond. carico	Tipo Azione/categoria	Val. iniz.	Dist. iniz. nodo I	Val. finale	Dist.fin. nodo I	Aliq.inerz.	Aliq.inerz. SLD
Vento +Y	4	Condizione 4	Variabile: Vento	0.020000	0.000	0.020000	0.000	0.0000	0.0000

Interventi volti all'installazione di un ponteggio nell'ambito del progetto di riqualificazione paesaggistica ed ambientale del Complesso denominato "La Torricella" ed aree annesse.

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Descrizione	Cod.	Cond. carico	Tipo Azione/categoria	Val. iniz.	Dist. iniz. nodo I	Val. finale	Dist.fin. nodo I	Aliq.inerz.	Aliq.inerz. SLD
Vento -Y	5	Condizione 5	Variabile: Vento	-0.020000	0.000	-0.020000	0.000	0.0000	0.0000

Carico distribuito con riferimento globale Z, agente sulla lunghezza reale

Descrizione	Cod.	Cond. carico	Tipo Azione/categoria	Val. iniz.	Dist.iniz. nodo I	Val. finale	Dist.fin. nodo I	Aliq.inerz.	Aliq.inerz. SLD
Carico su ponteggio classe 2	1	Condizione 1	Permanente: Permanente portato	-0.015000	0.000	-0.015000	0.000	0.0000	0.0000

LISTA MATERIALI UTILIZZATI

Codice	Descrizione	Tipo materiale	Mod. elast.	Coef. Poisson	Peso unit.	Dil. term.	Aliq. inerz.	Rigid. taglio	Rigid. fless.
1	Acciaio	Acciaio	+2.10e+06	0.300	0.00785	+1.20e-05	1.000	+1.00e+00	+1.00e+00

RIEPILOGO DELLE SEZIONI UTILIZZATE NEL MODELLO STRUTTURALE

Codice	Codice famiglia	Codice profilo	Asse Y capovolto
1	CIRCOLARI	48.3x 5.1	

GRUPPI DELLA STRUTTURA

ELEMENTO FINITO: TRAVE

Numero gruppo	Descrizione gruppo		
1	Montanti ponteggio		
2	Traversi ponteggio P2		
3	Diagonali ponteggio		
4	Traversi Ponteggio P1		

ELEMENTO FINITO: VINCOLO

Numero gruppo	Descrizione gruppo		
1	Vincoli profondi		
2	Vincoli superficiali		

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NODI DEL MODELLO

Nodo	Coord. X	Coord. Y	Coord. Z	Temper.	uX	uY	uZ	rX	rY	rZ
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2	0.000	110.000	0.000	0.000	0	0	0	0	0	0
3	114.000	110.000	0.000	0.000	0	0	0	0	0	0
4	114.000	0.000	0.000	0.000	0	0	0	0	0	0
5	205.000	0.000	0.000	0.000	0	0	0	0	0	0
6	114.000	188.000	0.000	0.000	0	0	0	0	0	0
7	205.000	197.000	0.000	0.000	0	0	0	0	0	0
8	205.000	87.000	0.000	0.000	0	0	0	0	0	0
9	385.000	87.000	0.000	0.000	0	0	0	0	0	0
10	385.000	197.000	0.000	0.000	0	0	0	0	0	0
11	385.000	197.000	200.000	0.000	0	0	0	0	0	0
12	385.000	87.000	200.000	0.000	0	0	0	0	0	0
13	205.000	87.000	200.000	0.000	0	0	0	0	0	0
14	205.000	197.000	200.000	0.000	0	0	0	0	0	0
15	114.000	188.000	200.000	0.000	0	0	0	0	0	0
16	205.000	0.000	200.000	0.000	0	0	0	0	0	0
17	114.000	0.000	200.000	0.000	0	0	0	0	0	0
18	114.000	110.000	200.000	0.000	0	0	0	0	0	0
19	0.000	110.000	200.000	0.000	0	0	0	0	0	0
20	0.000	0.000	200.000	0.000	0	0	0	0	0	0
21	0.000	110.000	100.000	0.000	0	0	0	0	0	0
22	0.000	0.000	100.000	0.000	0	0	0	0	0	0
23	114.000	188.000	100.000	0.000	0	0	0	0	0	0
24	114.000	110.000	100.000	0.000	0	0	0	0	0	0
25	114.000	0.000	100.000	0.000	0	0	0	0	0	0
26	205.000	197.000	100.000	0.000	0	0	0	0	0	0
27	205.000	87.000	100.000	0.000	0	0	0	0	0	0
28	205.000	0.000	100.000	0.000	0	0	0	0	0	0
29	385.000	197.000	100.000	0.000	0	0	0	0	0	0
30	385.000	87.000	100.000	0.000	0	0	0	0	0	0
31	565.000	197.000	0.000	0.000	0	0	0	0	0	0
32	565.000	87.000	0.000	0.000	0	0	0	0	0	0
33	745.000	197.000	0.000	0.000	0	0	0	0	0	0
34	745.000	87.000	0.000	0.000	0	0	0	0	0	0
35	925.000	197.000	0.000	0.000	0	0	0	0	0	0
36	925.000	87.000	0.000	0.000	0	0	0	0	0	0
37	1105.000	197.000	0.000	0.000	0	0	0	0	0	0
38	1105.000	87.000	0.000	0.000	0	0	0	0	0	0
39	1285.000	197.000	0.000	0.000	0	0	0	0	0	0
40	1285.000	87.000	0.000	0.000	0	0	0	0	0	0
41	1465.000	197.000	0.000	0.000	0	0	0	0	0	0
42	1465.000	87.000	0.000	0.000	0	0	0	0	0	0
43	565.000	197.000	200.000	0.000	0	0	0	0	0	0
44	745.000	197.000	200.000	0.000	0	0	0	0	0	0
45	925.000	197.000	200.000	0.000	0	0	0	0	0	0
46	1105.000	197.000	200.000	0.000	0	0	0	0	0	0
47	1285.000	197.000	200.000	0.000	0	0	0	0	0	0
48	1465.000	197.000	200.000	0.000	0	0	0	0	0	0
49	565.000	87.000	200.000	0.000	0	0	0	0	0	0
50	745.000	87.000	200.000	0.000	0	0	0	0	0	0
51	925.000	87.000	200.000	0.000	0	0	0	0	0	0
52	1105.000	87.000	200.000	0.000	0	0	0	0	0	0
53	1285.000	87.000	200.000	0.000	0	0	0	0	0	0
54	1465.000	87.000	200.000	0.000	0	0	0	0	0	0
55	565.000	87.000	100.000	0.000	0	0	0	0	0	0
56	745.000	87.000	100.000	0.000	0	0	0	0	0	0
57	925.000	87.000	100.000	0.000	0	0	0	0	0	0
58	1105.000	87.000	100.000	0.000	0	0	0	0	0	0

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Nodo	Coord. X	Coord. Y	Coord. Z	Temper.	uX	uY	uZ	rX	rY	rZ
59	1285.000	87.000	100.000	0.000	0	0	0	0	0	0
60	1465.000	87.000	100.000	0.000	0	0	0	0	0	0
61	565.000	197.000	100.000	0.000	0	0	0	0	0	0
62	745.000	197.000	100.000	0.000	0	0	0	0	0	0
63	925.000	197.000	100.000	0.000	0	0	0	0	0	0
64	1105.000	197.000	100.000	0.000	0	0	0	0	0	0
65	1285.000	197.000	100.000	0.000	0	0	0	0	0	0
66	1465.000	197.000	100.000	0.000	0	0	0	0	0	0
67	1574.000	62.000	100.000	0.000	0	0	0	0	0	0
68	1574.000	62.000	200.000	0.000	0	0	0	0	0	0
69	1574.000	62.000	0.000	0.000	0	0	0	0	0	0
70	1599.000	172.000	100.000	0.000	0	0	0	0	0	0
71	1599.000	172.000	200.000	0.000	0	0	0	0	0	0
72	1599.000	172.000	0.000	0.000	0	0	0	0	0	0
73	1874.667	-11.346	200.000	0.000	0	0	0	0	0	0
74	1804.714	-96.653	200.000	0.000	0	0	0	0	0	0
75	1804.714	-96.653	100.000	0.000	0	0	0	0	0	0
76	1643.953	147.308	200.000	0.000	0	0	0	0	0	0
77	1643.953	147.308	100.000	0.000	0	0	0	0	0	0
78	1643.953	147.308	0.000	0.000	0	0	0	0	0	0
79	1722.316	-39.992	200.000	0.000	0	0	0	0	0	0
80	1792.269	45.316	200.000	0.000	0	0	0	0	0	0
81	1722.316	-39.992	100.000	0.000	0	0	0	0	0	0
82	1792.269	45.316	100.000	0.000	0	0	0	0	0	0
83	1722.316	-39.992	0.000	0.000	0	0	0	0	0	0
84	1792.269	45.316	0.000	0.000	0	0	0	0	0	0
85	1874.667	-11.346	100.000	0.000	0	0	0	0	0	0
86	1804.714	-96.653	0.000	0.000	0	0	0	0	0	0
87	1874.667	-11.346	0.000	0.000	0	0	0	0	0	0
88	1965.304	-73.674	200.000	0.000	0	0	0	0	0	0
89	1895.352	-158.982	200.000	0.000	0	0	0	0	0	0
90	1895.352	-158.982	100.000	0.000	0	0	0	0	0	0
91	1965.304	-73.674	100.000	0.000	0	0	0	0	0	0
92	1895.352	-158.982	0.000	0.000	0	0	0	0	0	0
93	1965.304	-73.674	0.000	0.000	0	0	0	0	0	0
94	1988.801	127.843	100.000	0.000	0	0	0	0	0	0
95	2079.439	65.514	100.000	0.000	0	0	0	0	0	0
96	2102.936	267.031	100.000	0.000	0	0	0	0	0	0
97	2193.573	204.703	100.000	0.000	0	0	0	0	0	0
98	1988.801	127.843	200.000	0.000	0	0	0	0	0	0
99	2079.439	65.514	200.000	0.000	0	0	0	0	0	0
100	2102.936	267.031	200.000	0.000	0	0	0	0	0	0
101	2193.573	204.703	200.000	0.000	0	0	0	0	0	0
102	2079.439	65.514	0.000	0.000	0	0	0	0	0	0
103	2193.573	204.703	0.000	0.000	0	0	0	0	0	0
104	1988.801	127.843	0.000	0.000	0	0	0	0	0	0
105	2102.936	267.031	0.000	0.000	0	0	0	0	0	0
106	1704.009	672.915	100.000	0.000	0	0	0	0	0	0
107	1657.987	573.005	100.000	0.000	0	0	0	0	0	0
108	1704.009	672.915	200.000	0.000	0	0	0	0	0	0
109	1657.987	573.005	200.000	0.000	0	0	0	0	0	0
110	1704.009	672.915	-0.000	0.000	0	0	0	0	0	0
111	1657.987	573.005	-0.000	0.000	0	0	0	0	0	0
113	1954.619	369.022	200.000	0.000	0	0	0	0	0	0
115	1806.303	471.014	200.000	0.000	0	0	0	0	0	0
117	1954.619	369.022	100.000	0.000	0	0	0	0	0	0
119	1806.303	471.014	100.000	0.000	0	0	0	0	0	0
122	1954.619	369.022	-0.000	0.000	0	0	0	0	0	0
123	1806.303	471.014	-0.000	0.000	0	0	0	0	0	0
124	2000.641	468.932	100.000	0.000	0	0	0	0	0	0

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Nodo	Coord. X	Coord. Y	Coord. Z	Temper.	uX	uY	uZ	rX	rY	rZ
125	2000.641	468.932	200.000	0.000	0	0	0	0	0	0
126	1852.325	570.924	200.000	0.000	0	0	0	0	0	0
127	1852.325	570.924	100.000	0.000	0	0	0	0	0	0
128	2148.958	366.941	200.000	0.000	0	0	0	0	0	0
129	2239.595	304.613	200.000	0.000	0	0	0	0	0	0
130	2148.958	366.941	100.000	0.000	0	0	0	0	0	0
131	2239.595	304.613	100.000	0.000	0	0	0	0	0	0
132	1852.325	570.924	-0.000	0.000	0	0	0	0	0	0
133	2000.641	468.932	-0.000	0.000	0	0	0	0	0	0
134	2148.958	366.941	0.000	0.000	0	0	0	0	0	0
135	2239.595	304.613	0.000	0.000	0	0	0	0	0	0

Legenda: descrizione della simbologia adottata per i gradi di liberta'

Simbolo	Descrizione del Grado di Liberta'
0	libero
1	bloccato
MASTER	Master di una o piu' relazioni

GRUPPI ELEMENTO FINITO TRAVE

GRUPPO NUMERO: 1 - DESCRIZIONE: MONTANTI PONTEGGIO

	Nodi			Connessioni				Offset strutturali/Conci rigidi
Asta	I	J	K	Nodo I	Nodo J	Mat.	Sez.	
1	1	22	0	Rigida	Rigida	1	1	
2	4	25	0	Rigida	Rigida	1	1	
3	5	28	0	Rigida	Rigida	1	1	
4	8	27	0	Rigida	Rigida	1	1	
5	9	30	0	Rigida	Rigida	1	1	
6	2	21	0	Rigida	Rigida	1	1	
7	3	24	0	Rigida	Rigida	1	1	
8	6	23	0	Rigida	Rigida	1	1	
9	7	26	0	Rigida	Rigida	1	1	
10	10	29	0	Rigida	Rigida	1	1	
11	21	19	0	Rigida	Rigida	1	1	
12	22	20	0	Rigida	Rigida	1	1	
13	23	15	0	Rigida	Rigida	1	1	
14	24	18	0	Rigida	Rigida	1	1	
15	25	17	0	Rigida	Rigida	1	1	
16	26	14	0	Rigida	Rigida	1	1	
17	27	13	0	Rigida	Rigida	1	1	
18	28	16	0	Rigida	Rigida	1	1	
19	29	11	0	Rigida	Rigida	1	1	
20	30	12	0	Rigida	Rigida	1	1	
21	55	49	0	Rigida	Rigida	1	1	
22	56	50	0	Rigida	Rigida	1	1	

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	Nodi			Connessioni				Offset strutturali/Conci rigidi
Asta	I	J	K	Nodo I	Nodo J	Mat.	Sez.	
23	57	51	0	Rigida	Rigida	1	1	
24	58	52	0	Rigida	Rigida	1	1	
25	60	54	0	Rigida	Rigida	1	1	
26	32	55	0	Rigida	Rigida	1	1	
27	34	56	0	Rigida	Rigida	1	1	
28	36	57	0	Rigida	Rigida	1	1	
29	38	58	0	Rigida	Rigida	1	1	
30	42	60	0	Rigida	Rigida	1	1	
31	61	43	0	Rigida	Rigida	1	1	
32	62	44	0	Rigida	Rigida	1	1	
33	63	45	0	Rigida	Rigida	1	1	
34	64	46	0	Rigida	Rigida	1	1	
35	65	47	0	Rigida	Rigida	1	1	
36	66	48	0	Rigida	Rigida	1	1	
37	31	61	0	Rigida	Rigida	1	1	
38	33	62	0	Rigida	Rigida	1	1	
39	35	63	0	Rigida	Rigida	1	1	
40	37	64	0	Rigida	Rigida	1	1	
41	39	65	0	Rigida	Rigida	1	1	
42	41	66	0	Rigida	Rigida	1	1	
43	40	59	0	Rigida	Rigida	1	1	
44	59	53	0	Rigida	Rigida	1	1	
45	69	67	0	Rigida	Rigida	1	1	
46	67	68	0	Rigida	Rigida	1	1	
47	72	70	0	Rigida	Rigida	1	1	
48	70	71	0	Rigida	Rigida	1	1	
49	78	77	0	Rigida	Rigida	1	1	
50	77	76	0	Rigida	Rigida	1	1	
51	82	80	0	Rigida	Rigida	1	1	
52	84	82	0	Rigida	Rigida	1	1	
53	83	81	0	Rigida	Rigida	1	1	
54	81	79	0	Rigida	Rigida	1	1	
55	86	75	0	Rigida	Rigida	1	1	
56	75	74	0	Rigida	Rigida	1	1	
57	87	85	0	Rigida	Rigida	1	1	
58	85	73	0	Rigida	Rigida	1	1	
59	92	90	0	Rigida	Rigida	1	1	
60	90	89	0	Rigida	Rigida	1	1	

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	Nodi			Connessioni				Offset strutturali/Conci rigidi
Asta	I	J	K	Nodo I	Nodo J	Mat.	Sez.	
61	93	91	0	Rigida	Rigida	1	1	
62	91	88	0	Rigida	Rigida	1	1	
63	102	95	0	Rigida	Rigida	1	1	
64	103	97	0	Rigida	Rigida	1	1	
65	95	99	0	Rigida	Rigida	1	1	
66	97	101	0	Rigida	Rigida	1	1	
67	94	98	0	Rigida	Rigida	1	1	
68	96	100	0	Rigida	Rigida	1	1	
69	104	94	0	Rigida	Rigida	1	1	
70	105	96	0	Rigida	Rigida	1	1	
71	130	128	0	Rigida	Rigida	1	1	
72	131	129	0	Rigida	Rigida	1	1	
73	135	131	0	Rigida	Rigida	1	1	
74	134	130	0	Rigida	Rigida	1	1	
75	133	124	0	Rigida	Rigida	1	1	
76	132	127	0	Rigida	Rigida	1	1	
77	124	125	0	Rigida	Rigida	1	1	
78	127	126	0	Rigida	Rigida	1	1	
79	122	117	0	Rigida	Rigida	1	1	
80	123	119	0	Rigida	Rigida	1	1	
81	117	113	0	Rigida	Rigida	1	1	
82	119	115	0	Rigida	Rigida	1	1	
83	110	106	0	Rigida	Rigida	1	1	
84	106	108	0	Rigida	Rigida	1	1	
85	107	109	0	Rigida	Rigida	1	1	
86	111	107	0	Rigida	Rigida	1	1	

GRUPPO NUMERO: 2 - DESCRIZIONE: TRAVERSI PONTEGGIO P2

	Nodi			Connessioni				Offset strutturali/Conci rigidi
Asta	I	J	K	Nodo I	Nodo J	Mat.	Sez.	
1	53	54	0	Rigida	Rigida	1	1	
2	52	53	0	Rigida	Rigida	1	1	
3	51	52	0	Rigida	Rigida	1	1	
4	50	51	0	Rigida	Rigida	1	1	
5	49	50	0	Rigida	Rigida	1	1	
6	12	49	0	Rigida	Rigida	1	1	
7	54	48	0	Rigida	Rigida	1	1	
8	53	47	0	Rigida	Rigida	1	1	

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	Nodi			Connessioni				Offset strutturali/Conci rigidi
Asta	I	J	K	Nodo I	Nodo J	Mat.	Sez.	
9	52	46	0	Rigida	Rigida	1	1	
10	51	45	0	Rigida	Rigida	1	1	
11	50	44	0	Rigida	Rigida	1	1	
12	49	43	0	Rigida	Rigida	1	1	
13	48	47	0	Rigida	Rigida	1	1	
14	47	46	0	Rigida	Rigida	1	1	
15	46	45	0	Rigida	Rigida	1	1	
16	45	44	0	Rigida	Rigida	1	1	
17	44	43	0	Rigida	Rigida	1	1	
18	43	11	0	Rigida	Rigida	1	1	
19	18	13	0	Rigida	Rigida	1	1	
20	19	18	0	Rigida	Rigida	1	1	
21	15	18	0	Rigida	Rigida	1	1	
22	14	15	0	Rigida	Rigida	1	1	
23	14	13	0	Rigida	Rigida	1	1	
24	11	14	0	Rigida	Rigida	1	1	
25	12	11	0	Rigida	Rigida	1	1	
26	13	12	0	Rigida	Rigida	1	1	
27	20	17	0	Rigida	Rigida	1	1	
28	19	20	0	Rigida	Rigida	1	1	
29	54	68	0	Rigida	Rigida	1	1	
30	68	71	0	Rigida	Rigida	1	1	
31	71	48	0	Rigida	Rigida	1	1	
32	71	76	0	Rigida	Rigida	1	1	
33	68	76	0	Rigida	Rigida	1	1	
34	18	17	0	Rigida	Rigida	1	1	
35	16	13	0	Rigida	Rigida	1	1	
36	17	16	0	Rigida	Rigida	1	1	
37	76	80	0	Rigida	Rigida	1	1	
38	79	80	0	Rigida	Rigida	1	1	
39	68	79	0	Rigida	Rigida	1	1	
40	79	74	0	Rigida	Rigida	1	1	
41	74	73	0	Rigida	Rigida	1	1	
42	80	73	0	Rigida	Rigida	1	1	
43	74	89	0	Rigida	Rigida	1	1	
44	89	88	0	Rigida	Rigida	1	1	
45	73	88	0	Rigida	Rigida	1	1	
46	98	99	0	Rigida	Rigida	1	1	

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	Nodi			Connessioni				Offset strutturali/Conci rigidi
Asta	I	J	K	Nodo I	Nodo J	Mat.	Sez.	
47	100	101	0	Rigida	Rigida	1	1	
48	88	99	0	Rigida	Rigida	1	1	
49	73	98	0	Rigida	Rigida	1	1	
50	99	101	0	Rigida	Rigida	1	1	
51	98	100	0	Rigida	Rigida	1	1	
52	101	129	0	Rigida	Rigida	1	1	
53	129	128	0	Rigida	Rigida	1	1	
54	128	100	0	Rigida	Rigida	1	1	
55	125	113	0	Rigida	Rigida	1	1	
56	126	115	0	Rigida	Rigida	1	1	
57	128	125	0	Rigida	Rigida	1	1	
58	100	113	0	Rigida	Rigida	1	1	
59	125	126	0	Rigida	Rigida	1	1	
60	113	115	0	Rigida	Rigida	1	1	
61	108	109	0	Rigida	Rigida	1	1	
62	126	108	0	Rigida	Rigida	1	1	
63	115	109	0	Rigida	Rigida	1	1	

GRUPPO NUMERO: 3 - DESCRIZIONE: DIAGONALI PONTEGGIO

	Nodi			Connessioni				Offset strutturali/Conci rigidi
Asta	I	J	K	Nodo I	Nodo J	Mat.	Sez.	
1	42	53	0	Rigida	Rigida	1	1	
2	40	52	0	Rigida	Rigida	1	1	
3	38	51	0	Rigida	Rigida	1	1	
4	36	50	0	Rigida	Rigida	1	1	
5	32	50	0	Rigida	Rigida	1	1	
6	9	49	0	Rigida	Rigida	1	1	
7	22	19	0	Rigida	Rigida	1	1	
8	1	21	0	Rigida	Rigida	1	1	
9	5	27	0	Rigida	Rigida	1	1	
10	1	16	0	Rigida	Rigida	1	1	
11	8	12	0	Rigida	Rigida	1	1	
12	28	13	0	Rigida	Rigida	1	1	
13	42	68	0	Rigida	Rigida	1	1	
14	69	79	0	Rigida	Rigida	1	1	
15	79	86	0	Rigida	Rigida	1	1	
16	74	92	0	Rigida	Rigida	1	1	
17	88	92	0	Rigida	Rigida	1	1	

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	Nodi			Connessioni				Offset strutturali/Conci rigidi
Asta	I	J	K	Nodo I	Nodo J	Mat.	Sez.	
18	93	99	0	Rigida	Rigida	1	1	
19	102	101	0	Rigida	Rigida	1	1	
20	103	129	0	Rigida	Rigida	1	1	
21	133	128	0	Rigida	Rigida	1	1	
22	132	125	0	Rigida	Rigida	1	1	
23	110	126	0	Rigida	Rigida	1	1	
24	110	109	0	Rigida	Rigida	1	1	

GRUPPO NUMERO: 4 - DESCRIZIONE: TRAVERSI PONTEGGIO P1

	Nodi			Connessioni				Offset strutturali/Conci rigidi
Asta	I	J	K	Nodo I	Nodo J	Mat.	Sez.	
1	119	107	0	Rigida	Rigida	1	1	
2	127	106	0	Rigida	Rigida	1	1	
3	106	107	0	Rigida	Rigida	1	1	
4	117	119	0	Rigida	Rigida	1	1	
5	124	127	0	Rigida	Rigida	1	1	
6	96	117	0	Rigida	Rigida	1	1	
7	130	124	0	Rigida	Rigida	1	1	
8	130	131	0	Rigida	Rigida	1	1	
9	130	96	0	Rigida	Rigida	1	1	
10	97	131	0	Rigida	Rigida	1	1	
11	124	117	0	Rigida	Rigida	1	1	
12	127	119	0	Rigida	Rigida	1	1	
13	94	96	0	Rigida	Rigida	1	1	
14	95	97	0	Rigida	Rigida	1	1	
15	85	94	0	Rigida	Rigida	1	1	
16	91	95	0	Rigida	Rigida	1	1	
17	96	97	0	Rigida	Rigida	1	1	
18	94	95	0	Rigida	Rigida	1	1	
19	75	90	0	Rigida	Rigida	1	1	
20	90	91	0	Rigida	Rigida	1	1	
21	85	91	0	Rigida	Rigida	1	1	
22	82	85	0	Rigida	Rigida	1	1	
23	75	85	0	Rigida	Rigida	1	1	
24	81	75	0	Rigida	Rigida	1	1	
25	81	82	0	Rigida	Rigida	1	1	
26	67	81	0	Rigida	Rigida	1	1	
27	77	82	0	Rigida	Rigida	1	1	

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	Nodi			Connessioni				Offset strutturali/Conci rigidi
Asta	I	J	K	Nodo I	Nodo J	Mat.	Sez.	
28	70	77	0	Rigida	Rigida	1	1	
29	67	77	0	Rigida	Rigida	1	1	
30	70	66	0	Rigida	Rigida	1	1	
31	67	70	0	Rigida	Rigida	1	1	
32	60	67	0	Rigida	Rigida	1	1	
33	21	22	0	Rigida	Rigida	1	1	
34	22	25	0	Rigida	Rigida	1	1	
35	25	24	0	Rigida	Rigida	1	1	
36	24	23	0	Rigida	Rigida	1	1	
37	21	24	0	Rigida	Rigida	1	1	
38	25	28	0	Rigida	Rigida	1	1	
39	28	27	0	Rigida	Rigida	1	1	
40	24	27	0	Rigida	Rigida	1	1	
41	27	26	0	Rigida	Rigida	1	1	
42	23	26	0	Rigida	Rigida	1	1	
43	30	29	0	Rigida	Rigida	1	1	
44	29	26	0	Rigida	Rigida	1	1	
45	27	30	0	Rigida	Rigida	1	1	
46	30	55	0	Rigida	Rigida	1	1	
47	55	56	0	Rigida	Rigida	1	1	
48	56	57	0	Rigida	Rigida	1	1	
49	57	58	0	Rigida	Rigida	1	1	
50	58	59	0	Rigida	Rigida	1	1	
51	59	60	0	Rigida	Rigida	1	1	
52	61	29	0	Rigida	Rigida	1	1	
53	62	61	0	Rigida	Rigida	1	1	
54	63	62	0	Rigida	Rigida	1	1	
55	64	63	0	Rigida	Rigida	1	1	
56	65	64	0	Rigida	Rigida	1	1	
57	66	65	0	Rigida	Rigida	1	1	
58	55	61	0	Rigida	Rigida	1	1	
59	56	62	0	Rigida	Rigida	1	1	
60	57	63	0	Rigida	Rigida	1	1	
61	58	64	0	Rigida	Rigida	1	1	
62	59	65	0	Rigida	Rigida	1	1	
63	60	66	0	Rigida	Rigida	1	1	

COMUNE DI PRAIANO c_g976 0007113 Uscita 07/08/2025 15:08
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GRUPPI ELEMENTO FINITO VINCOLO

GRUPPO NUMERO: 1 - DESCRIZIONE: VINCOLI PROFONDI

VINCOLI STANDARD

Nodo	Rigid. Trasl. X	Rigid. Rotaz. X	Rigid. Trasl. Y	Rigid. Rotaz. Y	Rigid. Trasl. Z	Rigid. Rotaz. Z
1	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09
2	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09
3	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09
4	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09
5	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09
6	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09
7	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09
8	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09
9	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09
32	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09
34	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09
36	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09
38	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09
40	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09
42	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09
69	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09
72	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09
78	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09
83	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09
84	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09
86	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09
87	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09
92	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09
93	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09
102	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09
103	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09
104	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09
105	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09
110	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09
132	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09
133	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09
134	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09
135	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09	+1.00e+09

GRUPPO NUMERO: 2 - DESCRIZIONE: VINCOLI SUPERFICIALI

VINCOLI STANDARD

Nodo	Rigid. Trasl. X	Rigid. Rotaz. X	Rigid. Trasl. Y	Rigid. Rotaz. Y	Rigid. Trasl. Z	Rigid. Rotaz. Z
10					+1.00e+06	
31					+1.00e+06	
33					+1.00e+06	
35					+1.00e+06	
37					+1.00e+06	
39					+1.00e+06	
41					+1.00e+06	
111					+1.00e+06	
122					+1.00e+06	

COMUNE DI PRAIANO cc_g976 0007113 Uscita 07/08/2025 15:08
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Nodo	Rigid. Trasl. X	Rigid. Rotaz. X	Rigid. Trasl. Y	Rigid. Rotaz. Y	Rigid. Trasl. Z	Rigid. Rotaz. Z
123					+1.00e+06	

GRUPPI ELEMENTO FINITO TRAVE - ELEMENTI CON CARICO APPLICATO

GRUPPO NUMERO: 1- DESCRIZIONE: MONTANTI PONTEGGIO

Asta		Carichi			
1	Codice carico	2	3	4	5
	Moltiplicatore	1.00	1.00	1.00	1.00
2	Codice carico	2	3	4	5
	Moltiplicatore	1.00	1.00	1.00	1.00
3	Codice carico	2	3	4	5
	Moltiplicatore	1.00	1.00	1.00	1.00
4	Codice carico	2	3	4	5
	Moltiplicatore	1.00	1.00	1.00	1.00
5	Codice carico	2	3	4	5
	Moltiplicatore	1.00	1.00	1.00	1.00
6	Codice carico	2	3	4	5
	Moltiplicatore	1.00	1.00	1.00	1.00
7	Codice carico	2	3	4	5
	Moltiplicatore	1.00	1.00	1.00	1.00
8	Codice carico	2	3	4	5
	Moltiplicatore	1.00	1.00	1.00	1.00
9	Codice carico	2	3	4	5
	Moltiplicatore	1.00	1.00	1.00	1.00
10	Codice carico	2	3	4	5
	Moltiplicatore	1.00	1.00	1.00	1.00
11	Codice carico	2	3	4	5
	Moltiplicatore	1.00	1.00	1.00	1.00
12	Codice carico	2	3	4	5
	Moltiplicatore	1.00	1.00	1.00	1.00
13	Codice carico	2	3	4	5
	Moltiplicatore	1.00	1.00	1.00	1.00
14	Codice carico	2	3	4	5
	Moltiplicatore	1.00	1.00	1.00	1.00
15	Codice carico	2	3	4	5
	Moltiplicatore	1.00	1.00	1.00	1.00
16	Codice carico	2	3	4	5
	Moltiplicatore	1.00	1.00	1.00	1.00

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Asta		Carichi			
17	Codice carico	2	3	4	5
	Moltiplicatore	1.00	1.00	1.00	1.00
18	Codice carico	2	3	4	5
	Moltiplicatore	1.00	1.00	1.00	1.00
19	Codice carico	2	3	4	5
	Moltiplicatore	1.00	1.00	1.00	1.00
20	Codice carico	2	3	4	5
	Moltiplicatore	1.00	1.00	1.00	1.00
21	Codice carico	2	3	4	5
	Moltiplicatore	1.00	1.00	1.00	1.00
22	Codice carico	2	3	4	5
	Moltiplicatore	1.00	1.00	1.00	1.00
23	Codice carico	2	3	4	5
	Moltiplicatore	1.00	1.00	1.00	1.00
24	Codice carico	2	3	4	5
	Moltiplicatore	1.00	1.00	1.00	1.00
25	Codice carico	2	3	4	5
	Moltiplicatore	1.00	1.00	1.00	1.00
26	Codice carico	2	3	4	5
	Moltiplicatore	1.00	1.00	1.00	1.00
27	Codice carico	2	3	4	5
	Moltiplicatore	1.00	1.00	1.00	1.00
28	Codice carico	2	3	4	5
	Moltiplicatore	1.00	1.00	1.00	1.00
29	Codice carico	2	3	4	5
	Moltiplicatore	1.00	1.00	1.00	1.00
30	Codice carico	2	3	4	5
	Moltiplicatore	1.00	1.00	1.00	1.00
31	Codice carico	2	3	4	5
	Moltiplicatore	1.00	1.00	1.00	1.00
32	Codice carico	2	3	4	5
	Moltiplicatore	1.00	1.00	1.00	1.00
33	Codice carico	2	3	4	5
	Moltiplicatore	1.00	1.00	1.00	1.00
34	Codice carico	2	3	4	5
	Moltiplicatore	1.00	1.00	1.00	1.00

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Asta						Carichi
35	Codice carico	2	3	4	5	
	Moltiplicatore	1.00	1.00	1.00	1.00	
36	Codice carico	2	3	4	5	
	Moltiplicatore	1.00	1.00	1.00	1.00	
37	Codice carico	2	3	4	5	
	Moltiplicatore	1.00	1.00	1.00	1.00	
38	Codice carico	2	3	4	5	
	Moltiplicatore	1.00	1.00	1.00	1.00	
39	Codice carico	2	3	4	5	
	Moltiplicatore	1.00	1.00	1.00	1.00	
40	Codice carico	2	3	4	5	
	Moltiplicatore	1.00	1.00	1.00	1.00	
41	Codice carico	2	3	4	5	
	Moltiplicatore	1.00	1.00	1.00	1.00	
42	Codice carico	2	3	4	5	
	Moltiplicatore	1.00	1.00	1.00	1.00	
43	Codice carico	2	3	4	5	
	Moltiplicatore	1.00	1.00	1.00	1.00	
44	Codice carico	2	3	4	5	
	Moltiplicatore	1.00	1.00	1.00	1.00	
45	Codice carico	2	3	4	5	
	Moltiplicatore	1.00	1.00	1.00	1.00	
46	Codice carico	2	3	4	5	
	Moltiplicatore	1.00	1.00	1.00	1.00	
47	Codice carico	2	3	4	5	
	Moltiplicatore	1.00	1.00	1.00	1.00	
48	Codice carico	2	3	4	5	
	Moltiplicatore	1.00	1.00	1.00	1.00	
49	Codice carico	2	3	4	5	
	Moltiplicatore	1.00	1.00	1.00	1.00	
50	Codice carico	2	3	4	5	
	Moltiplicatore	1.00	1.00	1.00	1.00	
51	Codice carico	2	3	4	5	
	Moltiplicatore	1.00	1.00	1.00	1.00	
52	Codice carico	2	3	4	5	
	Moltiplicatore	1.00	1.00	1.00	1.00	

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Asta		Carichi			
53	Codice carico	2	3	4	5
	Moltiplicatore	1.00	1.00	1.00	1.00
54	Codice carico	2	3	4	5
	Moltiplicatore	1.00	1.00	1.00	1.00
55	Codice carico	2	3	4	5
	Moltiplicatore	1.00	1.00	1.00	1.00
56	Codice carico	2	3	4	5
	Moltiplicatore	1.00	1.00	1.00	1.00
57	Codice carico	2	3	4	5
	Moltiplicatore	1.00	1.00	1.00	1.00
58	Codice carico	2	3	4	5
	Moltiplicatore	1.00	1.00	1.00	1.00
59	Codice carico	2	3	4	5
	Moltiplicatore	1.00	1.00	1.00	1.00
60	Codice carico	2	3	4	5
	Moltiplicatore	1.00	1.00	1.00	1.00
61	Codice carico	2	3	4	5
	Moltiplicatore	1.00	1.00	1.00	1.00
62	Codice carico	2	3	4	5
	Moltiplicatore	1.00	1.00	1.00	1.00
63	Codice carico	2	3	4	5
	Moltiplicatore	1.00	1.00	1.00	1.00
64	Codice carico	2	3	4	5
	Moltiplicatore	1.00	1.00	1.00	1.00
65	Codice carico	2	3	4	5
	Moltiplicatore	1.00	1.00	1.00	1.00
66	Codice carico	2	3	4	5
	Moltiplicatore	1.00	1.00	1.00	1.00
67	Codice carico	2	3	4	5
	Moltiplicatore	1.00	1.00	1.00	1.00
68	Codice carico	2	3	4	5
	Moltiplicatore	1.00	1.00	1.00	1.00
69	Codice carico	2	3	4	5
	Moltiplicatore	1.00	1.00	1.00	1.00
70	Codice carico	2	3	4	5
	Moltiplicatore	1.00	1.00	1.00	1.00

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Asta						Carichi
71	Codice carico	2	3	4	5	
	Moltiplicatore	1.00	1.00	1.00	1.00	
72	Codice carico	2	3	4	5	
	Moltiplicatore	1.00	1.00	1.00	1.00	
73	Codice carico	2	3	4	5	
	Moltiplicatore	1.00	1.00	1.00	1.00	
74	Codice carico	2	3	4	5	
	Moltiplicatore	1.00	1.00	1.00	1.00	
75	Codice carico	2	3	4	5	
	Moltiplicatore	1.00	1.00	1.00	1.00	
76	Codice carico	2	3	4	5	
	Moltiplicatore	1.00	1.00	1.00	1.00	
77	Codice carico	2	3	4	5	
	Moltiplicatore	1.00	1.00	1.00	1.00	
78	Codice carico	2	3	4	5	
	Moltiplicatore	1.00	1.00	1.00	1.00	
79	Codice carico	2	3	4	5	
	Moltiplicatore	1.00	1.00	1.00	1.00	
80	Codice carico	2	3	4	5	
	Moltiplicatore	1.00	1.00	1.00	1.00	
81	Codice carico	2	3	4	5	
	Moltiplicatore	1.00	1.00	1.00	1.00	
82	Codice carico	2	3	4	5	
	Moltiplicatore	1.00	1.00	1.00	1.00	
83	Codice carico	2	3	4	5	
	Moltiplicatore	1.00	1.00	1.00	1.00	
84	Codice carico	2	3	4	5	
	Moltiplicatore	1.00	1.00	1.00	1.00	
85	Codice carico	2	3	4	5	
	Moltiplicatore	1.00	1.00	1.00	1.00	
86	Codice carico	2	3	4	5	
	Moltiplicatore	1.00	1.00	1.00	1.00	

GRUPPO NUMERO: 2- DESCRIZIONE: TRAVERSI PONTEGGIO P2

Asta			Carichi
7	Codice carico	1	
	Moltiplicatore	180.00	

Interventi volti all'installazione di un ponteggio nell'ambito del progetto di riqualificazione paesaggistica ed ambientale del Complesso denominato "La Torricella" ed aree annesse.

COMUNE DI PRAIANO c_g976 0007113 Uscita 07/08/2025 15:08
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Asta		Carichi
8	Codice carico	1
	Moltiplicatore	180.00
9	Codice carico	1
	Moltiplicatore	180.00
10	Codice carico	1
	Moltiplicatore	180.00
11	Codice carico	1
	Moltiplicatore	180.00
12	Codice carico	1
	Moltiplicatore	180.00
19	Codice carico	1
	Moltiplicatore	180.00
22	Codice carico	1
	Moltiplicatore	180.00
23	Codice carico	1
	Moltiplicatore	180.00
25	Codice carico	1
	Moltiplicatore	180.00
28	Codice carico	1
	Moltiplicatore	180.00
30	Codice carico	1
	Moltiplicatore	180.00
33	Codice carico	1
	Moltiplicatore	180.00
34	Codice carico	1
	Moltiplicatore	180.00
35	Codice carico	1
	Moltiplicatore	180.00
36	Codice carico	1
	Moltiplicatore	180.00
38	Codice carico	1
	Moltiplicatore	180.00
41	Codice carico	1
	Moltiplicatore	180.00
43	Codice carico	1
	Moltiplicatore	180.00

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Asta		Carichi
44	Codice carico	1
	Moltiplicatore	180.00
45	Codice carico	1
	Moltiplicatore	180.00
46	Codice carico	1
	Moltiplicatore	180.00
47	Codice carico	1
	Moltiplicatore	180.00
52	Codice carico	1
	Moltiplicatore	180.00
54	Codice carico	1
	Moltiplicatore	180.00
55	Codice carico	1
	Moltiplicatore	180.00
56	Codice carico	1
	Moltiplicatore	180.00
61	Codice carico	1
	Moltiplicatore	180.00

GRUPPO NUMERO: 4- DESCRIZIONE: TRAVERSI PONTEGGIO P1

Asta		Carichi
3	Codice carico	1
	Moltiplicatore	180.00
9	Codice carico	1
	Moltiplicatore	180.00
10	Codice carico	1
	Moltiplicatore	180.00
11	Codice carico	1
	Moltiplicatore	180.00
12	Codice carico	1
	Moltiplicatore	180.00
17	Codice carico	1
	Moltiplicatore	180.00
18	Codice carico	1
	Moltiplicatore	180.00
19	Codice carico	1
	Moltiplicatore	180.00

COMUNE DI PRAIANO c_g976 0007113 Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 Ingresso 09/09/2024 12:39

Asta		Carichi
20	Codice carico	1
	Moltiplicatore	180.00
21	Codice carico	1
	Moltiplicatore	180.00
23	Codice carico	1
	Moltiplicatore	180.00
25	Codice carico	1
	Moltiplicatore	180.00
29	Codice carico	1
	Moltiplicatore	180.00
31	Codice carico	1
	Moltiplicatore	180.00
33	Codice carico	1
	Moltiplicatore	180.00
35	Codice carico	1
	Moltiplicatore	180.00
38	Codice carico	1
	Moltiplicatore	180.00
39	Codice carico	1
	Moltiplicatore	180.00
40	Codice carico	1
	Moltiplicatore	180.00
41	Codice carico	1
	Moltiplicatore	180.00
42	Codice carico	1
	Moltiplicatore	180.00
43	Codice carico	1
	Moltiplicatore	180.00
58	Codice carico	1
	Moltiplicatore	180.00
59	Codice carico	1
	Moltiplicatore	180.00
60	Codice carico	1
	Moltiplicatore	180.00
61	Codice carico	1
	Moltiplicatore	180.00

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Asta			Carichi
62	Codice carico	1	
	Moltiplicatore	180.00	
63	Codice carico	1	
	Moltiplicatore	180.00	

COMBINAZIONI DI CARICO

NORMATIVA: NORME TECNICHE PER LE COSTRUZIONI 2018 ITALIA

COMBINAZIONI PER LE VERIFICHE ALLO STATO LIMITE ULTIMO

Num.	Descrizione	Parametri	Tipo azione/categoria	Condizione	Moltiplicatore
1	Carichi totali	Azione sismica: Sisma assente	Permanente: Peso Proprio	Condizione peso proprio	1.300
			Permanente: Permanente portato	Condizione 1	1.300
			Variabile: Vento	Condizione 2	1.500
			Variabile: Vento	Condizione 3	1.500
			Variabile: Vento	Condizione 4	1.500
			Variabile: Vento	Condizione 5	1.500

COMBINAZIONI PER LE VERIFICHE ALLO STATO LIMITE D'ESERCIZIO

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

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SPOSTAMENTI/ROTAZIONI NODI NON BLOCCATI

COMBINAZIONE DI CARICO: 1 - DESCRIZIONE: VENTO +X

Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
1	+8.61e-09	-9.32e-09	-4.18e-07	+5.53e-08	+9.04e-07	-1.36e-07
2	+4.72e-09	+1.44e-08	-4.20e-07	-4.96e-07	+1.92e-07	+4.75e-09
3	-4.05e-09	+1.52e-08	-8.14e-07	-5.46e-07	-9.78e-08	-2.15e-09
4	-2.56e-09	-1.45e-08	-7.49e-07	+4.39e-07	-2.69e-08	+1.31e-08
5	+1.99e-08	-1.26e-08	-6.30e-07	+5.87e-08	+7.14e-07	-2.24e-07
6	-3.91e-09	-3.50e-10	-3.10e-07	-3.10e-08	-4.57e-08	-1.59e-08
7	+1.55e-08	+1.81e-08	-7.38e-07	-6.59e-07	+5.95e-07	+1.56e-08
8	-2.87e-08	-4.94e-09	-1.20e-06	+7.80e-08	+7.86e-07	-1.35e-07
9	-5.02e-08	-3.96e-09	-4.69e-07	-2.49e-07	+5.19e-07	-9.82e-08
10	+3.00e-02	+1.81e-01	-4.20e-04	+1.33e-03	-1.76e-04	+5.89e-05
11	+1.11e-02	+3.86e-02	-4.70e-03	+1.39e-03	+5.18e-05	+3.67e-05
12	+2.63e-03	+3.90e-02	-3.93e-03	-1.20e-03	-5.30e-05	-1.52e-05
13	+2.74e-03	+1.72e-02	-1.18e-02	-3.44e-04	-7.00e-04	-5.50e-05
14	+1.13e-02	+1.70e-02	-7.54e-03	+1.19e-03	-7.31e-04	+6.80e-06
15	+1.12e-02	+2.01e-02	-3.13e-03	-2.14e-04	+9.22e-04	-1.00e-04
16	+6.14e-03	+1.74e-02	-6.30e-03	-7.18e-04	-9.38e-04	-2.79e-05
17	+6.32e-03	+2.04e-02	-7.70e-03	-1.45e-03	+6.83e-04	+4.82e-05
18	+3.67e-03	+2.01e-02	-8.40e-03	+1.01e-03	+6.64e-04	+4.33e-06
19	+3.66e-03	+4.10e-03	-4.31e-03	+1.26e-03	-1.36e-04	+7.80e-05
20	+6.35e-03	+4.46e-03	-4.04e-03	-1.50e-03	-1.63e-04	+8.39e-05
21	+8.82e-03	+2.64e-03	-2.86e-03	+6.57e-04	+1.82e-05	+1.80e-05
22	+1.20e-02	+2.49e-03	-2.71e-03	-7.80e-04	+2.03e-05	+2.77e-05
23	+1.58e-02	+6.20e-03	-2.11e-03	-1.41e-04	+5.82e-04	-6.01e-05
24	+8.83e-03	+6.19e-03	-5.58e-03	+6.25e-04	+4.49e-04	-8.13e-06
25	+1.20e-02	+6.00e-03	-5.13e-03	-8.33e-04	+4.39e-04	+4.95e-05
26	+1.57e-02	+9.01e-03	-5.06e-03	+7.08e-04	-3.74e-04	+5.91e-05
27	+9.59e-03	+8.85e-03	-7.82e-03	-3.37e-04	-3.80e-04	+4.95e-06
28	+1.21e-02	+8.68e-03	-4.24e-03	-3.98e-04	-4.16e-04	-6.17e-05
29	+1.59e-02	+4.86e-02	-3.28e-03	+1.33e-03	-3.08e-05	+5.89e-05
30	+9.61e-03	+4.83e-02	-2.72e-03	-1.09e-03	+4.13e-05	+5.57e-05
31	+3.24e-02	+1.97e-01	-4.28e-04	+1.36e-03	-1.98e-04	-4.06e-06
32	-5.40e-08	-6.88e-10	-4.62e-07	-4.50e-07	+5.08e-07	-9.28e-08
33	+3.31e-02	+2.02e-01	-4.27e-04	+1.37e-03	-2.02e-04	-2.52e-05
34	+5.32e-09	+1.30e-09	-3.03e-07	-4.89e-07	+2.17e-07	-5.94e-09
35	+3.36e-02	+2.00e-01	-4.28e-04	+1.36e-03	-2.05e-04	-3.84e-05
36	+8.65e-08	-1.09e-10	-4.65e-07	-4.83e-07	-5.10e-08	+8.59e-08
37	+3.39e-02	+1.97e-01	-4.28e-04	+1.36e-03	-2.07e-04	-5.21e-05
38	+7.91e-08	-1.08e-09	-4.67e-07	-4.27e-07	-6.89e-08	+9.64e-08
39	+3.33e-02	+1.87e-01	-4.26e-04	+1.38e-03	-1.99e-04	-1.01e-04
40	+7.16e-08	-4.21e-09	-4.56e-07	-2.33e-07	-6.39e-08	+9.60e-08
41	+4.20e-02	+1.56e-01	-4.18e-04	+1.35e-03	-2.85e-04	-9.52e-05
42	-4.98e-08	+1.10e-08	-7.61e-07	+5.80e-07	-8.36e-08	-1.81e-07
43	+1.10e-02	+5.38e-02	-4.80e-03	+1.38e-03	-4.29e-05	+2.20e-06
44	+1.09e-02	+5.93e-02	-4.78e-03	+1.35e-03	-2.71e-05	-3.64e-05
45	+1.08e-02	+5.87e-02	-4.80e-03	+1.37e-03	-2.56e-05	-6.26e-05
46	+1.06e-02	+5.37e-02	-4.80e-03	+1.38e-03	-2.92e-05	-8.45e-05
47	+1.05e-02	+3.57e-02	-4.78e-03	+1.42e-03	-2.29e-05	-1.55e-04
48	+1.03e-02	-2.87e-03	-4.70e-03	+1.55e-03	-9.35e-05	-7.81e-05
49	+1.90e-03	+5.42e-02	-3.77e-03	-1.25e-03	-1.24e-04	-4.87e-05
50	+4.48e-04	+5.97e-02	-2.61e-03	-1.17e-03	-4.34e-05	-2.96e-05
51	-8.18e-04	+5.91e-02	-3.48e-03	-1.25e-03	+1.64e-05	-9.41e-06
52	-1.28e-03	+5.41e-02	-3.60e-03	-1.25e-03	+3.77e-06	-3.61e-05
53	-1.01e-03	+3.61e-02	-3.56e-03	-1.23e-03	+1.46e-05	-8.02e-05
54	+6.18e-05	-2.55e-03	-4.46e-03	-1.35e-03	-5.20e-05	-4.90e-05
55	+9.61e-03	+6.07e-02	-2.64e-03	-1.19e-03	+1.96e-05	-8.68e-06
56	+9.61e-03	+6.49e-02	-2.06e-03	-1.23e-03	+4.33e-06	-2.25e-05
57	+9.64e-03	+6.37e-02	-2.49e-03	-1.22e-03	-8.32e-06	-3.07e-05

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Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
58	+9.73e-03	+6.03e-02	-2.56e-03	-1.19e-03	-8.17e-06	-4.54e-05
59	+9.88e-03	+4.86e-02	-2.54e-03	-1.10e-03	-8.09e-06	-8.54e-05
60	+1.01e-02	+2.04e-02	-2.99e-03	-9.02e-04	-3.16e-06	-8.90e-05
61	+1.62e-02	+6.11e-02	-3.35e-03	+1.36e-03	-5.23e-05	-4.06e-06
62	+1.65e-02	+6.53e-02	-3.34e-03	+1.37e-03	-5.66e-05	-2.52e-05
63	+1.67e-02	+6.41e-02	-3.35e-03	+1.36e-03	-5.94e-05	-3.84e-05
64	+1.69e-02	+6.07e-02	-3.35e-03	+1.36e-03	-6.12e-05	-5.21e-05
65	+1.70e-02	+4.89e-02	-3.33e-03	+1.38e-03	-5.38e-05	-1.01e-04
66	+1.71e-02	+2.08e-02	-3.27e-03	+1.35e-03	-1.40e-04	-9.52e-05
67	+8.26e-03	+1.15e-02	-4.10e-03	-1.20e-03	+5.97e-04	-5.38e-05
68	+2.74e-03	+6.28e-03	-5.42e-03	-1.69e-03	+7.64e-04	-7.01e-05
69	-9.15e-08	+3.56e-08	-7.21e-07	+8.12e-07	+7.75e-09	-1.94e-07
70	+1.51e-02	+1.02e-02	-2.91e-03	+8.18e-04	-2.10e-04	-6.33e-05
71	+1.15e-02	+3.89e-03	-4.33e-03	+1.59e-03	-5.74e-04	-4.62e-05
72	+1.19e-08	+2.08e-08	-4.26e-07	-7.57e-07	+4.73e-07	-1.67e-08
73	+1.27e-02	+5.46e-03	-8.95e-03	+1.53e-03	+1.63e-04	-5.49e-05
74	+5.05e-03	+1.22e-02	-5.83e-03	-4.76e-04	+1.51e-03	+2.72e-06
75	+5.06e-03	+6.21e-03	-4.34e-03	-3.17e-04	+1.05e-03	-3.62e-05
76	+9.49e-03	+3.54e-04	-4.61e-03	+1.37e-03	-9.42e-04	-5.90e-05
77	+1.36e-02	+7.42e-03	-3.10e-03	+6.60e-04	-4.64e-04	-4.83e-05
78	+1.65e-08	+1.64e-08	-4.54e-07	-5.95e-07	+6.13e-07	-1.28e-08
79	+8.28e-03	+1.55e-02	-2.02e-03	-1.08e-03	+5.99e-04	-3.78e-05
80	+1.54e-02	+9.18e-03	-4.06e-03	+1.03e-03	-1.02e-03	-3.09e-05
81	+7.46e-03	+9.87e-03	-1.69e-03	-7.83e-04	+4.94e-04	-3.86e-05
82	+1.26e-02	+5.93e-03	-2.74e-03	+5.40e-04	-4.89e-04	-3.90e-05
83	-5.51e-09	-1.19e-08	-2.49e-07	+3.26e-07	-1.56e-07	-1.02e-08
84	+1.66e-08	+1.34e-08	-4.02e-07	-4.84e-07	+6.09e-07	-1.03e-08
85	+1.01e-02	+2.31e-03	-5.96e-03	+9.07e-04	+1.53e-04	-3.48e-05
86	+2.77e-09	-2.28e-08	-6.96e-07	+2.03e-07	-7.87e-07	+1.65e-07
87	+2.49e-09	+1.94e-08	-8.70e-07	-6.57e-07	+1.27e-07	-9.21e-09
88	+1.11e-02	+3.70e-03	-7.34e-03	+3.63e-05	-1.59e-03	-1.13e-04
89	+3.44e-03	+1.05e-02	-8.05e-03	-1.98e-03	-2.71e-04	-5.60e-05
90	+4.15e-03	+4.47e-03	-5.40e-03	-1.11e-03	-1.25e-04	-3.66e-05
91	+9.17e-03	+6.50e-04	-5.08e-03	+5.89e-05	-1.03e-03	-3.41e-05
92	+7.00e-08	-1.26e-07	-1.11e-06	+3.31e-07	+2.09e-07	-4.20e-08
93	+7.57e-08	+5.73e-08	-6.69e-07	-2.28e-07	+1.23e-06	-2.62e-07
94	+1.17e-02	+9.74e-04	-2.78e-03	+4.54e-04	+7.03e-04	-2.03e-05
95	+1.09e-02	-5.97e-04	-3.48e-03	-4.73e-04	-5.75e-04	-2.26e-05
96	+1.59e-02	-2.50e-03	-5.91e-03	-2.41e-04	+9.20e-04	+3.28e-05
97	+1.51e-02	-3.89e-03	-5.63e-03	-1.04e-03	-2.59e-04	-1.14e-05
98	+1.85e-02	+5.83e-04	-4.14e-03	+8.79e-04	+1.18e-03	-1.48e-05
99	+1.65e-02	-1.64e-03	-5.51e-03	-7.60e-04	-1.09e-03	-1.02e-04
100	+1.93e-02	-2.54e-04	-8.89e-03	-3.90e-04	+1.39e-03	+4.78e-05
101	+1.75e-02	-2.20e-03	-8.47e-03	-1.48e-03	-6.28e-04	-5.08e-05
102	+1.90e-08	-1.33e-08	-5.18e-07	+3.32e-07	+8.39e-07	-2.81e-07
103	+5.57e-09	-4.10e-08	-8.76e-07	+3.17e-07	+7.93e-07	-5.41e-08
104	-8.03e-09	+9.62e-09	-4.08e-07	-3.25e-07	-2.10e-07	-5.36e-09
105	-1.07e-08	-5.91e-09	-8.62e-07	+2.13e-07	-2.71e-07	+8.68e-09
106	-3.90e-03	-2.73e-02	-2.89e-03	+8.86e-04	-3.65e-04	-4.59e-06
107	-1.93e-03	-2.86e-02	-3.34e-03	-1.21e-03	+7.00e-04	-1.66e-06
108	-5.38e-04	-1.01e-02	-4.30e-03	+1.17e-03	-5.73e-04	+2.60e-05
109	+9.77e-03	-1.44e-02	-4.85e-03	-1.05e-03	+6.42e-04	+3.70e-05
110	+5.98e-09	+1.81e-09	-4.39e-07	+5.90e-07	+2.59e-07	+1.74e-07
111	-6.09e-02	-1.50e-01	-4.27e-04	-1.21e-03	+5.54e-04	-1.66e-06
113	+7.31e-03	-1.78e-02	-4.63e-03	-1.29e-03	+6.20e-04	+9.12e-05
115	+3.41e-03	-2.36e-02	-4.78e-03	-1.23e-03	+7.10e-04	+1.90e-05
117	-2.81e-03	-2.99e-02	-3.23e-03	-1.17e-03	+5.74e-04	+8.58e-05
119	-6.91e-03	-3.58e-02	-3.33e-03	-1.17e-03	+6.57e-04	-8.84e-07
122	-4.93e-02	-1.47e-01	-4.13e-04	-1.17e-03	+4.29e-04	+8.58e-05
123	-6.17e-02	-1.53e-01	-4.26e-04	-1.17e-03	+5.12e-04	-8.84e-07

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Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
124	-4.79e-03	-2.86e-02	-3.09e-03	+8.58e-04	-4.28e-04	+7.78e-05
125	-3.01e-03	-1.35e-02	-4.64e-03	+1.02e-03	-6.94e-04	+1.45e-04
126	-6.94e-03	-1.93e-02	-4.67e-03	+1.01e-03	-6.95e-04	+9.10e-05
127	-8.86e-03	-3.46e-02	-3.10e-03	+8.94e-04	-4.55e-04	+7.88e-06
128	+9.03e-03	+4.08e-03	-4.48e-03	+1.05e-03	-6.80e-04	+1.26e-04
129	+7.72e-03	+2.15e-03	-3.75e-03	+1.01e-03	-7.15e-04	+1.21e-05
130	+1.39e-02	-1.38e-03	-2.97e-03	+6.84e-04	-3.29e-04	+5.49e-05
131	+1.30e-02	-2.69e-03	-2.61e-03	+7.12e-04	-3.80e-04	-3.02e-06
132	+8.36e-09	+5.79e-09	-4.64e-07	+2.17e-07	+4.38e-07	+1.86e-07
133	+1.28e-08	+5.83e-09	-4.58e-07	+7.50e-08	+5.24e-07	+2.49e-07
134	+1.38e-08	+1.34e-08	-4.34e-07	-4.32e-07	+5.28e-07	+1.45e-08
135	+1.45e-08	+1.34e-08	-3.82e-07	-4.25e-07	+5.44e-07	-7.98e-10

MASSIME DEFORMAZIONI NODALI

	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z	DLMax
Deform. nodali	-6.17e-02	+2.02e-01	-1.18e-02	-1.98e-03	-1.59e-03	-1.55e-04	+2.05e-01
Nodo	123	33	13	89	88	47	33

COMBINAZIONE DI CARICO: 2 - DESCRIZIONE: RARA 01

Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
1	+5.48e-09	-7.52e-09	-3.23e-07	+4.30e-08	+6.79e-07	-1.01e-07
2	+3.24e-09	+1.11e-08	-3.22e-07	-3.81e-07	+1.32e-07	+3.90e-09
3	-3.54e-09	+1.17e-08	-6.26e-07	-4.18e-07	-9.15e-08	-7.92e-10
4	-2.30e-09	-1.12e-08	-5.76e-07	+3.40e-07	-3.26e-08	+1.02e-08
5	+1.49e-08	-9.43e-09	-4.84e-07	+4.48e-08	+5.33e-07	-1.68e-07
6	-3.62e-09	-3.14e-10	-2.38e-07	-2.14e-08	-6.23e-08	-1.05e-08
7	+1.13e-08	+1.39e-08	-5.68e-07	-5.07e-07	+4.30e-07	+1.26e-08
8	-2.35e-08	-3.80e-09	-9.22e-07	+6.04e-08	+5.89e-07	-1.03e-07
9	-3.99e-08	-3.05e-09	-3.61e-07	-1.91e-07	+3.83e-07	-7.50e-08
10	+2.00e-02	+1.40e-01	-3.23e-04	+1.02e-03	-1.15e-04	+4.85e-05
11	+7.45e-03	+2.97e-02	-3.61e-03	+1.07e-03	+4.10e-05	+3.26e-05
12	+1.96e-03	+3.00e-02	-3.01e-03	-9.25e-04	-3.75e-05	-7.67e-06
13	+2.03e-03	+1.33e-02	-9.07e-03	-2.65e-04	-5.34e-04	-3.93e-05
14	+7.55e-03	+1.31e-02	-5.80e-03	+9.19e-04	-5.60e-04	+9.40e-06
15	+7.49e-03	+1.52e-02	-2.41e-03	-1.63e-04	+7.13e-04	-6.77e-05
16	+4.68e-03	+1.34e-02	-4.84e-03	-5.52e-04	-7.18e-04	-1.96e-05
17	+4.82e-03	+1.54e-02	-5.92e-03	-1.12e-03	+5.27e-04	+3.76e-05
18	+2.65e-03	+1.52e-02	-6.46e-03	+7.77e-04	+5.13e-04	+7.98e-06
19	+2.64e-03	+3.13e-03	-3.31e-03	+9.67e-04	-1.00e-04	+5.85e-05
20	+4.84e-03	+3.41e-03	-3.11e-03	-1.15e-03	-1.22e-04	+6.40e-05
21	+6.09e-03	+2.02e-03	-2.20e-03	+5.06e-04	+1.18e-05	+1.48e-05
22	+8.74e-03	+1.91e-03	-2.09e-03	-6.00e-04	+1.49e-05	+2.13e-05
23	+1.08e-02	+4.62e-03	-1.62e-03	-1.08e-04	+4.43e-04	-3.98e-05
24	+6.09e-03	+4.61e-03	-4.29e-03	+4.82e-04	+3.45e-04	-3.00e-06
25	+8.75e-03	+4.47e-03	-3.95e-03	-6.40e-04	+3.37e-04	+3.88e-05
26	+1.07e-02	+6.94e-03	-3.89e-03	+5.45e-04	-2.92e-04	+4.77e-05
27	+6.72e-03	+6.81e-03	-6.02e-03	-2.59e-04	-2.94e-04	+7.19e-06
28	+8.84e-03	+6.69e-03	-3.25e-03	-3.07e-04	-3.20e-04	-4.64e-05
29	+1.09e-02	+3.74e-02	-2.53e-03	+1.02e-03	-1.81e-05	+4.85e-05
30	+6.73e-03	+3.71e-02	-2.08e-03	-8.39e-04	+3.15e-05	+4.56e-05
31	+2.20e-02	+1.52e-01	-3.30e-04	+1.05e-03	-1.33e-04	-7.61e-09
32	-4.28e-08	-5.34e-10	-3.56e-07	-3.46e-07	+3.74e-07	-7.08e-08
33	+2.25e-02	+1.56e-01	-3.29e-04	+1.05e-03	-1.36e-04	-1.62e-05
34	+3.67e-09	+1.00e-09	-2.33e-07	-3.76e-07	+1.51e-07	-3.83e-09
35	+2.28e-02	+1.54e-01	-3.30e-04	+1.05e-03	-1.38e-04	-2.65e-05
36	+6.52e-08	-8.11e-11	-3.57e-07	-3.72e-07	-5.60e-08	+6.66e-08
37	+2.31e-02	+1.52e-01	-3.29e-04	+1.05e-03	-1.40e-04	-3.70e-05
38	+5.97e-08	-8.30e-10	-3.59e-07	-3.29e-07	-6.99e-08	+7.47e-08
39	+2.27e-02	+1.43e-01	-3.28e-04	+1.06e-03	-1.34e-04	-7.51e-05

Fascicolo dei Calcoli
(Par. 10.1. Caratteristiche generali – D.M. Infrastrutture 17 gennaio 2018)

Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
40	+5.38e-08	-3.25e-09	-3.51e-07	-1.79e-07	-6.61e-08	+7.44e-08
41	+2.93e-02	+1.19e-01	-3.21e-04	+1.04e-03	-1.99e-04	-7.05e-05
42	-4.03e-08	+8.47e-09	-5.85e-07	+4.52e-07	-8.25e-08	-1.39e-07
43	+7.35e-03	+4.14e-02	-3.70e-03	+1.06e-03	-3.13e-05	+6.01e-06
44	+7.25e-03	+4.56e-02	-3.68e-03	+1.04e-03	-1.93e-05	-2.36e-05
45	+7.15e-03	+4.51e-02	-3.70e-03	+1.05e-03	-1.81e-05	-4.39e-05
46	+7.06e-03	+4.12e-02	-3.69e-03	+1.06e-03	-2.09e-05	-6.07e-05
47	+6.95e-03	+2.74e-02	-3.67e-03	+1.09e-03	-1.60e-05	-1.15e-04
48	+6.82e-03	-2.29e-03	-3.62e-03	+1.19e-03	-7.08e-05	-5.62e-05
49	+1.42e-03	+4.17e-02	-2.88e-03	-9.59e-04	-9.18e-05	-3.34e-05
50	+3.08e-04	+4.59e-02	-2.00e-03	-9.02e-04	-3.02e-05	-1.91e-05
51	-6.70e-04	+4.54e-02	-2.68e-03	-9.65e-04	+1.63e-05	-3.22e-06
52	-1.03e-03	+4.15e-02	-2.79e-03	-9.61e-04	+6.50e-06	-2.38e-05
53	-8.38e-04	+2.77e-02	-2.75e-03	-9.45e-04	+1.48e-05	-5.77e-05
54	-2.85e-05	-2.04e-03	-3.43e-03	-1.04e-03	-3.63e-05	-3.43e-05
55	+6.73e-03	+4.67e-02	-2.03e-03	-9.16e-04	+1.46e-05	-3.79e-06
56	+6.73e-03	+5.00e-02	-1.58e-03	-9.49e-04	+3.03e-06	-1.45e-05
57	+6.75e-03	+4.90e-02	-1.92e-03	-9.35e-04	-6.82e-06	-2.08e-05
58	+6.81e-03	+4.64e-02	-1.97e-03	-9.14e-04	-6.72e-06	-3.21e-05
59	+6.93e-03	+3.73e-02	-1.96e-03	-8.46e-04	-6.72e-06	-6.33e-05
60	+7.10e-03	+1.54e-02	-2.30e-03	-6.93e-04	-2.94e-06	-6.62e-05
61	+1.11e-02	+4.70e-02	-2.58e-03	+1.05e-03	-3.59e-05	-7.61e-09
62	+1.13e-02	+5.03e-02	-2.57e-03	+1.05e-03	-3.89e-05	-1.62e-05
63	+1.14e-02	+4.93e-02	-2.58e-03	+1.05e-03	-4.12e-05	-2.65e-05
64	+1.16e-02	+4.67e-02	-2.57e-03	+1.05e-03	-4.26e-05	-3.70e-05
65	+1.17e-02	+3.76e-02	-2.56e-03	+1.06e-03	-3.71e-05	-7.51e-05
66	+1.18e-02	+1.57e-02	-2.51e-03	+1.04e-03	-1.02e-04	-7.05e-05
67	+5.70e-03	+8.65e-03	-3.14e-03	-9.22e-04	+4.58e-04	-3.83e-05
68	+2.01e-03	+4.70e-03	-4.15e-03	-1.30e-03	+5.90e-04	-5.08e-05
69	-7.10e-08	+2.74e-08	-5.54e-07	+6.30e-07	-1.12e-08	-1.50e-07
70	+1.03e-02	+7.76e-03	-2.24e-03	+6.30e-04	-1.66e-04	-4.32e-05
71	+7.72e-03	+3.09e-03	-3.33e-03	+1.22e-03	-4.39e-04	-2.73e-05
72	+8.55e-09	+1.60e-08	-3.28e-07	-5.81e-07	+3.37e-07	-1.14e-08
73	+8.61e-03	+4.26e-03	-6.89e-03	+1.18e-03	+1.26e-04	-3.65e-05
74	+3.47e-03	+8.83e-03	-4.49e-03	-3.65e-04	+1.16e-03	+7.97e-06
75	+3.22e-03	+4.55e-03	-3.34e-03	-2.41e-04	+8.06e-04	-2.49e-05
76	+6.42e-03	+7.76e-04	-3.55e-03	+1.05e-03	-7.22e-04	-3.83e-05
77	+9.28e-03	+5.92e-03	-2.38e-03	+5.07e-04	-3.60e-04	-3.22e-05
78	+1.21e-08	+1.27e-08	-3.49e-07	-4.61e-07	+4.47e-07	-8.51e-09
79	+5.80e-03	+1.11e-02	-1.55e-03	-8.26e-04	+4.61e-04	-2.64e-05
80	+1.05e-02	+6.89e-03	-3.12e-03	+7.96e-04	-7.85e-04	-2.11e-05
81	+5.00e-03	+7.27e-03	-1.30e-03	-5.99e-04	+3.78e-04	-2.75e-05
82	+8.44e-03	+4.64e-03	-2.11e-03	+4.17e-04	-3.81e-04	-2.80e-05
83	-4.65e-09	-9.22e-09	-1.92e-07	+2.55e-07	-1.36e-07	-7.26e-09
84	+1.22e-08	+1.04e-08	-3.09e-07	-3.75e-07	+4.44e-07	-7.39e-09
85	+6.60e-03	+1.96e-03	-4.58e-03	+6.97e-04	+1.14e-04	-2.42e-05
86	+1.62e-09	-1.76e-08	-5.36e-07	+1.61e-07	-6.22e-07	+1.29e-07
87	+1.35e-09	+1.50e-08	-6.69e-07	-5.09e-07	+7.37e-08	-6.39e-09
88	+7.74e-03	+3.45e-03	-5.63e-03	+2.75e-05	-1.22e-03	-8.00e-05
89	+2.60e-03	+8.01e-03	-6.19e-03	-1.52e-03	-2.04e-04	-3.54e-05
90	+2.65e-03	+3.39e-03	-4.15e-03	-8.55e-04	-9.70e-05	-2.39e-05
91	+6.01e-03	+8.62e-04	-3.90e-03	+4.25e-05	-7.96e-04	-2.30e-05
92	+5.30e-08	-9.72e-08	-8.54e-07	+2.55e-07	+1.44e-07	-2.76e-08
93	+5.71e-08	+4.35e-08	-5.15e-07	-1.82e-07	+9.20e-07	-1.98e-07
94	+7.79e-03	+9.72e-04	-2.14e-03	+3.47e-04	+5.34e-04	-1.46e-05
95	+7.28e-03	-5.53e-05	-2.67e-03	-3.68e-04	-4.48e-04	-1.62e-05
96	+1.10e-02	-1.68e-03	-4.55e-03	-1.86e-04	+7.04e-04	+2.53e-05
97	+1.05e-02	-2.57e-03	-4.32e-03	-7.99e-04	-2.02e-04	-1.05e-05
98	+1.25e-02	+9.27e-04	-3.19e-03	+6.75e-04	+9.08e-04	-9.36e-06
99	+1.14e-02	-2.55e-04	-4.23e-03	-5.88e-04	-8.40e-04	-7.55e-05

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Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
100	+1.38e-02	-2.49e-04	-6.84e-03	-2.98e-04	+1.07e-03	+3.66e-05
101	+1.28e-02	-1.23e-03	-6.50e-03	-1.14e-03	-4.80e-04	-4.09e-05
102	+1.34e-08	-1.10e-08	-3.98e-07	+2.49e-07	+6.22e-07	-2.14e-07
103	+4.20e-09	-3.04e-08	-6.71e-07	+2.37e-07	+5.86e-07	-4.13e-08
104	-6.69e-09	+7.44e-09	-3.14e-07	-2.53e-07	-1.84e-07	-3.87e-09
105	-8.84e-09	-4.46e-09	-6.63e-07	+1.59e-07	-2.33e-07	+6.70e-09
106	-3.80e-03	-2.12e-02	-2.22e-03	+6.83e-04	-2.83e-04	-8.77e-06
107	-2.90e-03	-2.19e-02	-2.58e-03	-9.33e-04	+5.48e-04	-7.36e-06
108	-4.81e-04	-7.79e-03	-3.31e-03	+8.98e-04	-4.33e-04	+1.24e-05
109	+6.73e-03	-1.08e-02	-3.74e-03	-8.05e-04	+4.96e-04	+2.05e-05
110	+3.38e-09	+1.32e-09	-3.37e-07	+4.58e-07	+1.78e-07	+1.28e-07
111	-5.04e-02	-1.15e-01	-3.29e-04	-9.33e-04	+4.51e-04	-7.36e-06
113	+3.93e-03	-1.47e-02	-3.56e-03	-9.91e-04	+4.77e-04	+6.91e-05
115	+9.72e-04	-1.91e-02	-3.68e-03	-9.43e-04	+5.47e-04	+8.83e-06
117	-4.01e-03	-2.36e-02	-2.49e-03	-9.01e-04	+4.48e-04	+6.51e-05
119	-7.18e-03	-2.82e-02	-2.56e-03	-9.03e-04	+5.11e-04	-4.89e-06
122	-4.15e-02	-1.14e-01	-3.18e-04	-9.01e-04	+3.51e-04	+6.51e-05
123	-5.10e-02	-1.18e-01	-3.28e-04	-9.03e-04	+4.14e-04	-4.89e-06
124	-4.93e-03	-2.29e-02	-2.37e-03	+6.67e-04	-3.34e-04	+5.89e-05
125	-3.29e-03	-1.17e-02	-3.56e-03	+7.88e-04	-5.31e-04	+1.09e-04
126	-6.26e-03	-1.61e-02	-3.58e-03	+7.76e-04	-5.31e-04	+6.38e-05
127	-8.07e-03	-2.75e-02	-2.38e-03	+6.94e-04	-3.55e-04	+2.11e-06
128	+6.63e-03	+2.75e-03	-3.43e-03	+8.09e-04	-5.21e-04	+9.84e-05
129	+5.97e-03	+1.78e-03	-2.91e-03	+7.76e-04	-5.45e-04	+8.60e-06
130	+1.00e-02	-1.08e-03	-2.27e-03	+5.28e-04	-2.55e-04	+4.26e-05
131	+9.44e-03	-1.91e-03	-2.02e-03	+5.48e-04	-2.93e-04	-4.47e-06
132	+5.29e-09	+4.61e-09	-3.57e-07	+1.82e-07	+3.10e-07	+1.39e-07
133	+8.64e-09	+4.69e-09	-3.52e-07	+7.13e-08	+3.78e-07	+1.90e-07
134	+1.03e-08	+1.03e-08	-3.33e-07	-3.33e-07	+3.91e-07	+1.13e-08
135	+1.08e-08	+1.04e-08	-2.96e-07	-3.29e-07	+4.05e-07	-1.18e-09

MASSIME DEFORMAZIONI NODALI

	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z	DLMax
Deform. nodali	-5.10e-02	+1.56e-01	-9.07e-03	-1.52e-03	-1.22e-03	-1.15e-04	+1.57e-01
Nodo	123	33	13	89	88	47	33

COMBINAZIONE DI CARICO: 3 - DESCRIZIONE: FREQUENTE 01

Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
1	-4.57e-10	-9.36e-09	-3.29e-07	+4.52e-08	+5.94e-07	-8.06e-08
2	+1.20e-09	+1.11e-08	-3.19e-07	-3.81e-07	+5.32e-08	+5.17e-09
3	-5.73e-09	+1.14e-08	-6.26e-07	-4.05e-07	-1.76e-07	+3.69e-09
4	-4.06e-09	-1.14e-08	-5.76e-07	+3.51e-07	-9.42e-08	+1.12e-08
5	+1.27e-08	-7.86e-09	-4.78e-07	+4.31e-08	+4.47e-07	-1.45e-07
6	-6.82e-09	-5.50e-10	-2.39e-07	-8.23e-09	-2.04e-07	-1.64e-09
7	+8.02e-09	+1.39e-08	-5.67e-07	-5.07e-07	+2.86e-07	+1.58e-08
8	-3.10e-08	-3.80e-09	-9.31e-07	+6.24e-08	+5.06e-07	-9.92e-08
9	-4.62e-08	-3.08e-09	-3.59e-07	-1.88e-07	+2.95e-07	-7.20e-08
10	+3.90e-03	+1.40e-01	-3.23e-04	+1.02e-03	-7.99e-06	+6.54e-05
11	+1.62e-03	+2.98e-02	-3.61e-03	+1.07e-03	+4.71e-05	+5.49e-05
12	+1.65e-03	+3.01e-02	-2.93e-03	-9.24e-04	-2.02e-05	+1.34e-05
13	+1.61e-03	+1.35e-02	-9.11e-03	-2.67e-04	-5.13e-04	-2.41e-05
14	+1.70e-03	+1.32e-02	-5.80e-03	+9.21e-04	-5.47e-04	+3.11e-05
15	+1.81e-03	+1.36e-02	-2.40e-03	-1.58e-04	+7.30e-04	-1.81e-05
16	+4.49e-03	+1.35e-02	-4.79e-03	-5.52e-04	-7.03e-04	-9.73e-06
17	+4.61e-03	+1.39e-02	-5.92e-03	-1.11e-03	+5.35e-04	+4.01e-05
18	+1.77e-03	+1.37e-02	-6.46e-03	+7.76e-04	+5.25e-04	+3.22e-05
19	+1.75e-03	+3.02e-03	-3.28e-03	+9.68e-04	-7.51e-05	+5.09e-05
20	+4.61e-03	+3.30e-03	-3.11e-03	-1.15e-03	-9.95e-05	+6.10e-05
21	+2.46e-03	+1.97e-03	-2.18e-03	+5.07e-04	+2.05e-07	+1.96e-05

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Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
22	+6.30e-03	+1.84e-03	-2.09e-03	-5.99e-04	+1.14e-05	+2.14e-05
23	+3.65e-03	+3.85e-03	-1.62e-03	-1.04e-04	+4.18e-04	-6.20e-06
24	+2.46e-03	+3.84e-03	-4.29e-03	+4.86e-04	+3.41e-04	+1.40e-05
25	+6.31e-03	+3.71e-03	-3.95e-03	-6.34e-04	+3.36e-04	+4.22e-05
26	+3.45e-03	+7.01e-03	-3.89e-03	+5.43e-04	-3.16e-04	+5.97e-05
27	+3.29e-03	+6.87e-03	-6.04e-03	-2.58e-04	-3.02e-04	+2.48e-05
28	+6.40e-03	+6.75e-03	-3.23e-03	-3.07e-04	-3.19e-04	-4.05e-05
29	+3.57e-03	+3.75e-02	-2.52e-03	+1.02e-03	+1.14e-05	+6.54e-05
30	+3.29e-03	+3.72e-02	-2.04e-03	-8.40e-04	+2.98e-05	+6.01e-05
31	+6.55e-03	+1.52e-01	-3.30e-04	+1.05e-03	-3.29e-05	+1.62e-05
32	-4.96e-08	-5.59e-10	-3.56e-07	-3.44e-07	+2.88e-07	-6.80e-08
33	+6.90e-03	+1.56e-01	-3.29e-04	+1.05e-03	-3.47e-05	-5.14e-08
34	+1.50e-09	+1.00e-09	-2.33e-07	-3.76e-07	+6.87e-08	+1.61e-11
35	+7.33e-03	+1.54e-01	-3.30e-04	+1.05e-03	-3.72e-05	-1.04e-05
36	+5.84e-08	-6.68e-11	-3.56e-07	-3.74e-07	-1.43e-07	+6.94e-08
37	+7.64e-03	+1.51e-01	-3.29e-04	+1.05e-03	-3.86e-05	-2.10e-05
38	+5.38e-08	-8.27e-10	-3.60e-07	-3.30e-07	-1.58e-07	+7.78e-08
39	+7.36e-03	+1.43e-01	-3.28e-04	+1.06e-03	-3.41e-05	-6.17e-05
40	+4.73e-08	-3.32e-09	-3.52e-07	-1.76e-07	-1.54e-07	+7.71e-08
41	+1.35e-02	+1.17e-01	-3.22e-04	+1.03e-03	-9.43e-05	-5.60e-05
42	-5.07e-08	+8.55e-09	-5.84e-07	+4.83e-07	-1.77e-07	-1.37e-07
43	+1.52e-03	+4.15e-02	-3.70e-03	+1.06e-03	-2.25e-05	+2.84e-05
44	+1.42e-03	+4.56e-02	-3.68e-03	+1.04e-03	-1.12e-05	-8.17e-07
45	+1.31e-03	+4.49e-02	-3.70e-03	+1.05e-03	-9.61e-06	-2.16e-05
46	+1.21e-03	+4.10e-02	-3.69e-03	+1.06e-03	-1.28e-05	-3.82e-05
47	+1.09e-03	+2.70e-02	-3.67e-03	+1.10e-03	-7.70e-06	-9.25e-05
48	+9.47e-04	-2.72e-03	-3.62e-03	+1.18e-03	-6.50e-05	-3.61e-05
49	+1.18e-03	+4.18e-02	-2.82e-03	-9.58e-04	-7.27e-05	-1.25e-05
50	+1.19e-04	+4.59e-02	-2.00e-03	-9.02e-04	-1.37e-05	-4.27e-07
51	-8.85e-04	+4.52e-02	-2.74e-03	-9.66e-04	+3.55e-05	+1.77e-05
52	-1.28e-03	+4.13e-02	-2.85e-03	-9.62e-04	+2.52e-05	-3.29e-06
53	-1.14e-03	+2.73e-02	-2.83e-03	-9.46e-04	+3.31e-05	-3.69e-05
54	-4.24e-04	-2.47e-03	-3.42e-03	-1.05e-03	-1.74e-05	-1.70e-05
55	+3.28e-03	+4.68e-02	-1.99e-03	-9.16e-04	+1.22e-05	+1.12e-05
56	+3.26e-03	+4.99e-02	-1.58e-03	-9.49e-04	+1.45e-06	+6.11e-08
57	+3.27e-03	+4.89e-02	-1.95e-03	-9.34e-04	-9.04e-06	-5.97e-06
58	+3.32e-03	+4.62e-02	-2.01e-03	-9.13e-04	-8.98e-06	-1.76e-05
59	+3.42e-03	+3.69e-02	-2.00e-03	-8.44e-04	-9.30e-06	-5.07e-05
60	+3.57e-03	+1.38e-02	-2.30e-03	-6.88e-04	-5.58e-06	-5.45e-05
61	+3.74e-03	+4.71e-02	-2.58e-03	+1.05e-03	-1.35e-05	+1.62e-05
62	+3.91e-03	+5.02e-02	-2.57e-03	+1.05e-03	-1.53e-05	-5.14e-08
63	+4.09e-03	+4.92e-02	-2.58e-03	+1.05e-03	-1.78e-05	-1.04e-05
64	+4.26e-03	+4.65e-02	-2.57e-03	+1.05e-03	-1.92e-05	-2.10e-05
65	+4.42e-03	+3.72e-02	-2.56e-03	+1.06e-03	-1.48e-05	-6.17e-05
66	+4.57e-03	+1.41e-02	-2.52e-03	+1.03e-03	-7.49e-05	-5.60e-05
67	+2.28e-03	+7.55e-03	-3.11e-03	-9.21e-04	+4.54e-04	-2.26e-05
68	+1.52e-03	+4.02e-03	-4.08e-03	-1.30e-03	+6.02e-04	-3.45e-05
69	-7.43e-08	+2.77e-08	-5.50e-07	+6.60e-07	-1.00e-07	-1.55e-07
70	+3.42e-03	+7.45e-03	-2.25e-03	+6.33e-04	-1.86e-04	-1.43e-05
71	+2.02e-03	+3.60e-03	-3.34e-03	+1.21e-03	-4.26e-04	+1.58e-05
72	+5.38e-09	+1.59e-08	-3.30e-07	-5.77e-07	+1.98e-07	-3.78e-09
73	+2.47e-03	+4.60e-03	-6.88e-03	+1.18e-03	+1.30e-04	-6.64e-06
74	+1.35e-03	+5.87e-03	-4.51e-03	-3.60e-04	+1.17e-03	+3.85e-05
75	-2.79e-04	+3.36e-03	-3.35e-03	-2.28e-04	+7.96e-04	-9.59e-06
76	+1.87e-03	+3.40e-03	-3.55e-03	+1.04e-03	-7.10e-04	-1.55e-06
77	+3.20e-03	+7.00e-03	-2.38e-03	+5.04e-04	-3.73e-04	-6.22e-06
78	+9.08e-09	+1.31e-08	-3.48e-07	-4.81e-07	+3.19e-07	-1.64e-09
79	+2.86e-03	+6.90e-03	-1.55e-03	-8.11e-04	+4.64e-04	-1.24e-05
80	+3.51e-03	+6.02e-03	-3.12e-03	+8.00e-04	-7.78e-04	-7.16e-06
81	+1.14e-03	+5.56e-03	-1.31e-03	-5.83e-04	+3.65e-04	-1.58e-05

Fascicolo dei Calcoli
(Par. 10.1. Caratteristiche generali – D.M. Infrastrutture 17 gennaio 2018)

Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
82	+1.98e-03	+5.08e-03	-2.11e-03	+4.22e-04	-4.07e-04	-1.71e-05
83	-6.75e-09	-9.59e-09	-1.92e-07	+2.79e-07	-2.19e-07	-4.18e-09
84	+9.28e-09	+1.06e-08	-3.09e-07	-3.87e-07	+3.17e-07	-4.53e-09
85	+5.10e-04	+2.90e-03	-4.58e-03	+6.97e-04	+9.64e-05	-1.06e-05
86	-1.06e-09	-1.75e-08	-5.36e-07	+1.86e-07	-7.11e-07	+1.42e-07
87	-1.55e-09	+1.54e-08	-6.69e-07	-5.28e-07	-5.12e-08	-2.81e-09
88	+3.51e-03	+6.56e-03	-5.57e-03	+2.53e-05	-1.22e-03	-4.46e-05
89	+2.38e-03	+7.83e-03	-6.19e-03	-1.52e-03	-1.82e-04	+4.44e-06
90	-2.00e-04	+3.16e-03	-4.15e-03	-8.54e-04	-1.03e-04	-1.88e-06
91	+5.82e-04	+2.74e-03	-3.87e-03	+2.79e-05	-8.16e-04	-6.41e-06
92	+4.89e-08	-9.88e-08	-8.58e-07	+2.58e-07	+5.93e-08	-2.88e-09
93	+5.14e-08	+4.04e-08	-5.15e-07	-2.17e-07	+7.97e-07	-1.80e-07
94	+1.43e-03	+2.13e-03	-2.15e-03	+3.35e-04	+4.98e-04	-9.69e-06
95	+1.57e-03	+2.05e-03	-2.62e-03	-3.89e-04	-4.77e-04	-9.87e-06
96	+4.46e-03	-3.91e-04	-4.55e-03	-1.88e-04	+6.81e-04	+2.58e-05
97	+4.64e-03	-3.64e-04	-4.28e-03	-8.10e-04	-2.20e-04	-1.96e-05
98	+3.76e-03	+3.41e-03	-3.20e-03	+6.70e-04	+9.06e-04	+1.02e-06
99	+4.52e-03	+5.00e-03	-4.14e-03	-6.03e-04	-8.42e-04	-6.05e-05
100	+8.41e-03	-5.29e-04	-6.84e-03	-2.91e-04	+1.08e-03	+3.58e-05
101	+9.29e-03	+1.21e-03	-6.41e-03	-1.14e-03	-4.63e-04	-5.02e-05
102	+7.10e-09	-1.49e-08	-3.98e-07	+2.15e-07	+5.01e-07	-2.02e-07
103	+3.79e-09	-2.43e-08	-6.53e-07	+1.97e-07	+4.61e-07	-3.97e-08
104	-9.35e-09	+7.68e-09	-3.16e-07	-2.69e-07	-3.03e-07	-2.56e-09
105	-1.18e-08	-3.98e-09	-6.64e-07	+1.34e-07	-3.64e-07	+6.81e-09
106	-7.96e-03	-2.24e-02	-2.23e-03	+6.92e-04	-2.92e-04	-3.60e-05
107	-1.03e-02	-2.16e-02	-2.60e-03	-9.46e-04	+6.00e-04	-3.90e-05
108	-8.28e-04	-7.89e-03	-3.31e-03	+8.90e-04	-3.93e-04	-2.70e-05
109	+2.63e-03	-9.13e-03	-3.79e-03	-8.06e-04	+5.08e-04	-2.09e-05
110	-2.98e-09	+9.60e-10	-3.38e-07	+4.82e-07	+6.60e-08	+9.43e-08
111	-6.88e-02	-1.16e-01	-3.32e-04	-9.46e-04	+5.81e-04	-3.90e-05
113	-4.85e-03	-1.99e-02	-3.57e-03	-9.78e-04	+4.77e-04	+6.37e-05
115	-7.59e-03	-2.40e-02	-3.68e-03	-9.30e-04	+5.51e-04	-2.11e-05
117	-1.36e-02	-2.67e-02	-2.49e-03	-9.01e-04	+4.80e-04	+6.07e-05
119	-1.69e-02	-3.13e-02	-2.57e-03	-9.11e-04	+5.39e-04	-2.68e-05
122	-6.02e-02	-1.17e-01	-3.19e-04	-9.01e-04	+4.61e-04	+6.07e-05
123	-6.94e-02	-1.22e-01	-3.28e-04	-9.11e-04	+5.20e-04	-2.68e-05
124	-1.14e-02	-2.74e-02	-2.34e-03	+7.03e-04	-3.62e-04	+5.38e-05
125	-8.32e-03	-1.87e-02	-3.50e-03	+7.94e-04	-5.17e-04	+9.71e-05
126	-1.11e-02	-2.27e-02	-3.52e-03	+7.77e-04	-5.16e-04	+3.14e-05
127	-1.46e-02	-3.20e-02	-2.35e-03	+7.30e-04	-3.83e-04	-1.84e-05
128	+4.97e-03	+7.56e-04	-3.37e-03	+8.15e-04	-5.09e-04	+1.05e-04
129	+6.13e-03	+2.47e-03	-3.07e-03	+7.76e-04	-5.21e-04	+5.05e-06
130	+6.53e-03	-1.20e-03	-2.24e-03	+5.37e-04	-2.65e-04	+4.43e-05
131	+6.60e-03	-1.10e-03	-2.10e-03	+5.45e-04	-2.97e-04	-1.56e-05
132	-6.71e-10	+5.40e-09	-3.56e-07	+2.62e-07	+1.70e-07	+1.17e-07
133	+2.48e-09	+5.77e-09	-3.52e-07	+1.42e-07	+2.44e-07	+1.83e-07
134	+8.25e-09	+1.04e-08	-3.28e-07	-3.37e-07	+3.14e-07	+1.17e-08
135	+8.92e-09	+1.06e-08	-3.08e-07	-3.44e-07	+3.37e-07	-4.14e-09

MASSIME DEFORMAZIONI NODALI

	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z	DLMax
Deform. nodali	-6.94e-02	+1.56e-01	-9.11e-03	-1.52e-03	-1.22e-03	+1.05e-04	+1.56e-01
Nodo	123	33	13	89	88	128	33

COMBINAZIONE DI CARICO: 4 - DESCRIZIONE: QUASI PERMANENTE

Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
1	-1.94e-09	-9.82e-09	-3.30e-07	+4.58e-08	+5.73e-07	-7.56e-08
2	+6.88e-10	+1.11e-08	-3.19e-07	-3.80e-07	+3.34e-08	+5.49e-09
3	-6.28e-09	+1.14e-08	-6.26e-07	-4.02e-07	-1.97e-07	+4.81e-09

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
4	-4.50e-09	-1.14e-08	-5.77e-07	+3.54e-07	-1.10e-07	+1.14e-08
5	+1.21e-08	-7.47e-09	-4.76e-07	+4.27e-08	+4.26e-07	-1.39e-07
6	-7.62e-09	-6.09e-10	-2.39e-07	-4.95e-09	-2.39e-07	+5.79e-10
7	+7.21e-09	+1.39e-08	-5.67e-07	-5.07e-07	+2.50e-07	+1.66e-08
8	-3.29e-08	-3.81e-09	-9.33e-07	+6.29e-08	+4.85e-07	-9.83e-08
9	-4.78e-08	-3.09e-09	-3.59e-07	-1.88e-07	+2.73e-07	-7.12e-08
10	-1.21e-04	+1.40e-01	-3.22e-04	+1.02e-03	+1.88e-05	+6.96e-05
11	+1.58e-04	+2.98e-02	-3.61e-03	+1.07e-03	+4.86e-05	+6.05e-05
12	+1.57e-03	+3.01e-02	-2.90e-03	-9.24e-04	-1.59e-05	+1.86e-05
13	+1.50e-03	+1.35e-02	-9.11e-03	-2.68e-04	-5.08e-04	-2.03e-05
14	+2.43e-04	+1.33e-02	-5.80e-03	+9.22e-04	-5.44e-04	+3.65e-05
15	+3.96e-04	+1.33e-02	-2.40e-03	-1.57e-04	+7.35e-04	-5.72e-06
16	+4.44e-03	+1.36e-02	-4.77e-03	-5.52e-04	-6.99e-04	-7.28e-06
17	+4.55e-03	+1.35e-02	-5.92e-03	-1.11e-03	+5.38e-04	+4.08e-05
18	+1.55e-03	+1.33e-02	-6.46e-03	+7.76e-04	+5.28e-04	+3.82e-05
19	+1.53e-03	+2.99e-03	-3.27e-03	+9.68e-04	-6.88e-05	+4.90e-05
20	+4.55e-03	+3.27e-03	-3.11e-03	-1.15e-03	-9.39e-05	+6.03e-05
21	+1.56e-03	+1.96e-03	-2.17e-03	+5.07e-04	-2.68e-06	+2.08e-05
22	+5.69e-03	+1.83e-03	-2.09e-03	-5.99e-04	+1.05e-05	+2.14e-05
23	+1.87e-03	+3.65e-03	-1.62e-03	-1.03e-04	+4.12e-04	+2.19e-06
24	+1.55e-03	+3.65e-03	-4.29e-03	+4.87e-04	+3.40e-04	+1.82e-05
25	+5.70e-03	+3.51e-03	-3.95e-03	-6.33e-04	+3.35e-04	+4.30e-05
26	+1.65e-03	+7.02e-03	-3.88e-03	+5.42e-04	-3.22e-04	+6.27e-05
27	+2.43e-03	+6.89e-03	-6.05e-03	-2.58e-04	-3.04e-04	+2.92e-05
28	+5.79e-03	+6.77e-03	-3.22e-03	-3.07e-04	-3.19e-04	-3.91e-05
29	+1.75e-03	+3.75e-02	-2.52e-03	+1.02e-03	+1.88e-05	+6.96e-05
30	+2.43e-03	+3.72e-02	-2.03e-03	-8.40e-04	+2.94e-05	+6.37e-05
31	+2.70e-03	+1.52e-01	-3.30e-04	+1.05e-03	-7.87e-06	+2.02e-05
32	-5.13e-08	-5.65e-10	-3.56e-07	-3.43e-07	+2.66e-07	-6.73e-08
33	+3.01e-03	+1.56e-01	-3.29e-04	+1.05e-03	-9.34e-06	+4.00e-06
34	+9.54e-10	+9.99e-10	-2.33e-07	-3.76e-07	+4.80e-08	+9.77e-10
35	+3.45e-03	+1.54e-01	-3.30e-04	+1.05e-03	-1.20e-05	-6.36e-06
36	+5.67e-08	-6.32e-11	-3.56e-07	-3.74e-07	-1.65e-07	+7.01e-08
37	+3.77e-03	+1.51e-01	-3.29e-04	+1.05e-03	-1.34e-05	-1.70e-05
38	+5.23e-08	-8.26e-10	-3.60e-07	-3.30e-07	-1.80e-07	+7.86e-08
39	+3.53e-03	+1.43e-01	-3.28e-04	+1.06e-03	-9.17e-06	-5.84e-05
40	+4.56e-08	-3.34e-09	-3.52e-07	-1.75e-07	-1.76e-07	+7.78e-08
41	+9.58e-03	+1.16e-01	-3.22e-04	+1.03e-03	-6.80e-05	-5.24e-05
42	-5.33e-08	+8.57e-09	-5.84e-07	+4.91e-07	-2.01e-07	-1.37e-07
43	+5.83e-05	+4.15e-02	-3.70e-03	+1.06e-03	-2.03e-05	+3.41e-05
44	-4.17e-05	+4.56e-02	-3.68e-03	+1.04e-03	-9.17e-06	+4.89e-06
45	-1.46e-04	+4.49e-02	-3.70e-03	+1.05e-03	-7.50e-06	-1.60e-05
46	-2.54e-04	+4.09e-02	-3.69e-03	+1.06e-03	-1.07e-05	-3.26e-05
47	-3.71e-04	+2.69e-02	-3.67e-03	+1.10e-03	-5.62e-06	-8.70e-05
48	-5.20e-04	-2.83e-03	-3.62e-03	+1.18e-03	-6.35e-05	-3.11e-05
49	+1.11e-03	+4.18e-02	-2.81e-03	-9.58e-04	-6.79e-05	-7.30e-06
50	+7.21e-05	+4.59e-02	-2.00e-03	-9.02e-04	-9.61e-06	+4.25e-06
51	-9.38e-04	+4.52e-02	-2.75e-03	-9.66e-04	+4.03e-05	+2.29e-05
52	-1.34e-03	+4.12e-02	-2.87e-03	-9.62e-04	+2.99e-05	+1.85e-06
53	-1.22e-03	+2.72e-02	-2.85e-03	-9.47e-04	+3.77e-05	-3.17e-05
54	-5.23e-04	-2.57e-03	-3.42e-03	-1.06e-03	-1.27e-05	-1.26e-05
55	+2.42e-03	+4.68e-02	-1.99e-03	-9.17e-04	+1.16e-05	+1.50e-05
56	+2.40e-03	+4.99e-02	-1.58e-03	-9.49e-04	+1.06e-06	+3.70e-06
57	+2.40e-03	+4.88e-02	-1.96e-03	-9.34e-04	-9.59e-06	-2.27e-06
58	+2.45e-03	+4.62e-02	-2.02e-03	-9.12e-04	-9.54e-06	-1.40e-05
59	+2.54e-03	+3.68e-02	-2.01e-03	-8.43e-04	-9.94e-06	-4.76e-05
60	+2.69e-03	+1.34e-02	-2.29e-03	-6.87e-04	-6.24e-06	-5.16e-05
61	+1.91e-03	+4.71e-02	-2.58e-03	+1.05e-03	-7.87e-06	+2.02e-05
62	+2.08e-03	+5.02e-02	-2.57e-03	+1.05e-03	-9.34e-06	+4.00e-06
63	+2.25e-03	+4.91e-02	-2.58e-03	+1.05e-03	-1.20e-05	-6.36e-06

Fascicolo dei Calcoli
(Par. 10.1. Caratteristiche generali – D.M. Infrastrutture 17 gennaio 2018)

Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
64	+2.43e-03	+4.65e-02	-2.57e-03	+1.05e-03	-1.34e-05	-1.70e-05
65	+2.61e-03	+3.71e-02	-2.56e-03	+1.06e-03	-9.17e-06	-5.84e-05
66	+2.78e-03	+1.37e-02	-2.52e-03	+1.03e-03	-6.80e-05	-5.24e-05
67	+1.42e-03	+7.28e-03	-3.10e-03	-9.21e-04	+4.53e-04	-1.87e-05
68	+1.40e-03	+3.85e-03	-4.06e-03	-1.30e-03	+6.05e-04	-3.04e-05
69	-7.51e-08	+2.78e-08	-5.49e-07	+6.68e-07	-1.23e-07	-1.56e-07
70	+1.70e-03	+7.37e-03	-2.25e-03	+6.34e-04	-1.92e-04	-7.09e-06
71	+5.90e-04	+3.73e-03	-3.35e-03	+1.21e-03	-4.23e-04	+2.65e-05
72	+4.59e-09	+1.59e-08	-3.30e-07	-5.76e-07	+1.64e-07	-1.87e-09
73	+9.32e-04	+4.68e-03	-6.88e-03	+1.18e-03	+1.31e-04	+8.16e-07
74	+8.14e-04	+5.12e-03	-4.51e-03	-3.58e-04	+1.17e-03	+4.62e-05
75	-1.15e-03	+3.07e-03	-3.35e-03	-2.25e-04	+7.94e-04	-5.77e-06
76	+7.33e-04	+4.05e-03	-3.55e-03	+1.04e-03	-7.07e-04	+7.64e-06
77	+1.68e-03	+7.27e-03	-2.37e-03	+5.03e-04	-3.76e-04	+2.69e-07
78	+8.33e-09	+1.32e-08	-3.48e-07	-4.86e-07	+2.87e-07	+7.12e-11
79	+2.12e-03	+5.85e-03	-1.56e-03	-8.08e-04	+4.64e-04	-8.92e-06
80	+1.77e-03	+5.80e-03	-3.12e-03	+8.01e-04	-7.77e-04	-3.68e-06
81	+1.79e-04	+5.14e-03	-1.31e-03	-5.79e-04	+3.62e-04	-1.29e-05
82	+3.66e-04	+5.18e-03	-2.10e-03	+4.24e-04	-4.14e-04	-1.44e-05
83	-7.28e-09	-9.68e-09	-1.92e-07	+2.85e-07	-2.40e-07	-3.41e-09
84	+8.56e-09	+1.07e-08	-3.09e-07	-3.90e-07	+2.86e-07	-3.81e-09
85	-1.01e-03	+3.13e-03	-4.58e-03	+6.97e-04	+9.19e-05	-7.22e-06
86	-1.73e-09	-1.75e-08	-5.36e-07	+1.92e-07	-7.33e-07	+1.45e-07
87	-2.28e-09	+1.55e-08	-6.69e-07	-5.33e-07	-8.24e-08	-1.91e-09
88	+2.45e-03	+7.34e-03	-5.56e-03	+2.48e-05	-1.21e-03	-3.57e-05
89	+2.32e-03	+7.79e-03	-6.19e-03	-1.52e-03	-1.77e-04	+1.44e-05
90	-9.12e-04	+3.11e-03	-4.15e-03	-8.54e-04	-1.04e-04	+3.63e-06
91	-7.75e-04	+3.21e-03	-3.86e-03	+2.43e-05	-8.21e-04	-2.25e-06
92	+4.79e-08	-9.93e-08	-8.59e-07	+2.59e-07	+3.80e-08	+3.29e-09
93	+5.00e-08	+3.96e-08	-5.16e-07	-2.26e-07	+7.66e-07	-1.75e-07
94	-1.64e-04	+2.42e-03	-2.16e-03	+3.32e-04	+4.89e-04	-8.46e-06
95	+1.38e-04	+2.57e-03	-2.61e-03	-3.95e-04	-4.84e-04	-8.30e-06
96	+2.84e-03	-6.88e-05	-4.55e-03	-1.89e-04	+6.75e-04	+2.59e-05
97	+3.17e-03	+1.88e-04	-4.27e-03	-8.12e-04	-2.25e-04	-2.18e-05
98	+1.57e-03	+4.03e-03	-3.20e-03	+6.68e-04	+9.05e-04	+3.61e-06
99	+2.81e-03	+6.31e-03	-4.12e-03	-6.07e-04	-8.42e-04	-5.67e-05
100	+7.07e-03	-5.99e-04	-6.84e-03	-2.89e-04	+1.09e-03	+3.56e-05
101	+8.41e-03	+1.82e-03	-6.39e-03	-1.14e-03	-4.59e-04	-5.25e-05
102	+5.52e-09	-1.59e-08	-3.98e-07	+2.07e-07	+4.71e-07	-1.98e-07
103	+3.68e-09	-2.27e-08	-6.49e-07	+1.87e-07	+4.29e-07	-3.93e-08
104	-1.00e-08	+7.74e-09	-3.16e-07	-2.73e-07	-3.32e-07	-2.24e-09
105	-1.26e-08	-3.86e-09	-6.64e-07	+1.28e-07	-3.97e-07	+6.84e-09
106	-9.00e-03	-2.27e-02	-2.23e-03	+6.94e-04	-2.95e-04	-4.28e-05
107	-1.21e-02	-2.15e-02	-2.60e-03	-9.49e-04	+6.13e-04	-4.69e-05
108	-9.15e-04	-7.92e-03	-3.32e-03	+8.88e-04	-3.83e-04	-3.68e-05
109	+1.60e-03	-8.72e-03	-3.80e-03	-8.06e-04	+5.11e-04	-3.12e-05
110	-4.57e-09	+8.69e-10	-3.38e-07	+4.88e-07	+3.80e-08	+8.59e-08
111	-7.34e-02	-1.16e-01	-3.32e-04	-9.49e-04	+6.13e-04	-4.69e-05
113	-7.05e-03	-2.12e-02	-3.57e-03	-9.75e-04	+4.77e-04	+6.23e-05
115	-9.74e-03	-2.52e-02	-3.68e-03	-9.26e-04	+5.51e-04	-2.86e-05
117	-1.60e-02	-2.74e-02	-2.50e-03	-9.01e-04	+4.88e-04	+5.96e-05
119	-1.93e-02	-3.21e-02	-2.57e-03	-9.13e-04	+5.47e-04	-3.23e-05
122	-6.49e-02	-1.18e-01	-3.19e-04	-9.01e-04	+4.88e-04	+5.96e-05
123	-7.40e-02	-1.23e-01	-3.28e-04	-9.13e-04	+5.47e-04	-3.23e-05
124	-1.30e-02	-2.85e-02	-2.33e-03	+7.12e-04	-3.69e-04	+5.25e-05
125	-9.58e-03	-2.04e-02	-3.48e-03	+7.96e-04	-5.14e-04	+9.41e-05
126	-1.23e-02	-2.44e-02	-3.51e-03	+7.77e-04	-5.12e-04	+2.33e-05
127	-1.62e-02	-3.32e-02	-2.34e-03	+7.39e-04	-3.90e-04	-2.36e-05
128	+4.56e-03	+2.57e-04	-3.35e-03	+8.16e-04	-5.06e-04	+1.07e-04
129	+6.17e-03	+2.64e-03	-3.11e-03	+7.76e-04	-5.15e-04	+4.16e-06

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Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
130	+5.66e-03	-1.23e-03	-2.23e-03	+5.40e-04	-2.68e-04	+4.48e-05
131	+5.89e-03	-8.99e-04	-2.12e-03	+5.44e-04	-2.98e-04	-1.84e-05
132	-2.16e-09	+5.59e-09	-3.56e-07	+2.82e-07	+1.35e-07	+1.12e-07
133	+9.36e-10	+6.04e-09	-3.52e-07	+1.60e-07	+2.11e-07	+1.81e-07
134	+7.75e-09	+1.05e-08	-3.27e-07	-3.38e-07	+2.95e-07	+1.18e-08
135	+8.45e-09	+1.07e-08	-3.10e-07	-3.48e-07	+3.20e-07	-4.87e-09

MASSIME DEFORMAZIONI NODALI

	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z	DLMax
Deform. nodali	-7.40e-02	+1.56e-01	-9.11e-03	-1.52e-03	-1.21e-03	+1.07e-04	+1.56e-01
Nodo	123	33	13	89	88	128	33

COMBINAZIONE DI CARICO: 5 - DESCRIZIONE: VENTO - X

Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
1	-1.37e-08	-1.62e-08	-4.40e-07	+6.38e-08	+5.87e-07	-6.10e-08
2	-2.93e-09	+1.44e-08	-4.09e-07	-4.94e-07	-1.05e-07	+9.52e-09
3	-1.23e-08	+1.44e-08	-8.14e-07	-4.99e-07	-4.15e-07	+1.47e-08
4	-9.14e-09	-1.52e-08	-7.49e-07	+4.82e-07	-2.58e-07	+1.65e-08
5	+1.17e-08	-6.77e-09	-6.08e-07	+5.22e-08	+3.93e-07	-1.38e-07
6	-1.59e-08	-1.23e-09	-3.10e-07	+1.82e-08	-5.76e-07	+1.74e-08
7	+3.27e-09	+1.80e-08	-7.36e-07	-6.59e-07	+5.45e-08	+2.75e-08
8	-5.68e-08	-4.96e-09	-1.23e-06	+8.55e-08	+4.76e-07	-1.21e-07
9	-7.42e-08	-4.07e-09	-4.64e-07	-2.39e-07	+1.91e-07	-8.70e-08
10	-3.03e-02	+1.82e-01	-4.19e-04	+1.33e-03	+2.25e-04	+1.22e-04
11	-1.07e-02	+3.89e-02	-4.69e-03	+1.39e-03	+7.45e-05	+1.21e-04
12	+1.45e-03	+3.93e-02	-3.62e-03	-1.20e-03	+1.17e-05	+6.36e-05
13	+1.17e-03	+1.78e-02	-1.19e-02	-3.53e-04	-6.20e-04	+2.22e-06
14	-1.06e-02	+1.75e-02	-7.55e-03	+1.20e-03	-6.83e-04	+8.82e-05
15	-1.01e-02	+1.43e-02	-3.11e-03	-1.94e-04	+9.87e-04	+8.55e-05
16	+5.40e-03	+1.79e-02	-6.11e-03	-7.17e-04	-8.79e-04	+8.98e-06
17	+5.51e-03	+1.47e-02	-7.70e-03	-1.44e-03	+7.15e-04	+5.78e-05
18	+3.57e-04	+1.44e-02	-8.40e-03	+1.01e-03	+7.08e-04	+9.51e-05
19	+3.11e-04	+3.68e-03	-4.20e-03	+1.26e-03	-4.26e-05	+4.93e-05
20	+5.49e-03	+4.03e-03	-4.05e-03	-1.49e-03	-8.08e-05	+7.29e-05
21	-4.77e-03	+2.44e-03	-2.79e-03	+6.60e-04	-2.51e-05	+3.60e-05
22	+2.81e-03	+2.26e-03	-2.73e-03	-7.77e-04	+6.92e-06	+2.80e-05
23	-1.09e-02	+3.30e-03	-2.11e-03	-1.27e-04	+4.90e-04	+6.58e-05
24	-4.80e-03	+3.30e-03	-5.58e-03	+6.42e-04	+4.35e-04	+5.54e-05
25	+2.83e-03	+3.13e-03	-5.13e-03	-8.12e-04	+4.32e-04	+6.23e-05
26	-1.14e-02	+9.25e-03	-5.04e-03	+7.01e-04	-4.62e-04	+1.04e-04
27	-3.27e-03	+9.06e-03	-7.90e-03	-3.35e-04	-4.10e-04	+7.10e-05
28	+2.95e-03	+8.92e-03	-4.13e-03	-4.01e-04	-4.12e-04	-3.99e-05
29	-1.14e-02	+4.88e-02	-3.28e-03	+1.33e-03	+7.96e-05	+1.22e-04
30	-3.29e-03	+4.84e-02	-2.56e-03	-1.09e-03	+3.53e-05	+1.10e-04
31	-2.54e-02	+1.98e-01	-4.28e-04	+1.36e-03	+1.77e-04	+5.66e-05
32	-7.94e-08	-7.81e-10	-4.64e-07	-4.41e-07	+1.85e-07	-8.22e-08
33	-2.52e-02	+2.02e-01	-4.27e-04	+1.37e-03	+1.78e-04	+3.56e-05
34	-2.84e-09	+1.29e-09	-3.03e-07	-4.89e-07	-9.25e-08	+8.48e-09
35	-2.46e-02	+2.00e-01	-4.28e-04	+1.36e-03	+1.74e-04	+2.19e-05
36	+6.11e-08	-5.53e-11	-4.61e-07	-4.90e-07	-3.77e-07	+9.65e-08
37	-2.42e-02	+1.96e-01	-4.28e-04	+1.36e-03	+1.72e-04	+7.91e-06
38	+5.70e-08	-1.07e-09	-4.69e-07	-4.32e-07	-3.99e-07	+1.08e-07
39	-2.42e-02	+1.85e-01	-4.26e-04	+1.37e-03	+1.75e-04	-5.08e-05
40	+4.71e-08	-4.46e-09	-4.60e-07	-2.22e-07	-3.95e-07	+1.06e-07
41	-1.71e-02	+1.47e-01	-4.19e-04	+1.32e-03	+1.08e-04	-4.10e-05
42	-8.89e-08	+1.13e-08	-7.57e-07	+6.96e-07	-4.38e-07	-1.75e-07
43	-1.09e-02	+5.42e-02	-4.80e-03	+1.38e-03	-9.74e-06	+8.63e-05
44	-1.10e-02	+5.93e-02	-4.78e-03	+1.35e-03	+3.29e-06	+4.91e-05
45	-1.11e-02	+5.80e-02	-4.80e-03	+1.37e-03	+6.12e-06	+2.11e-05

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Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
46	-1.13e-02	+5.27e-02	-4.80e-03	+1.38e-03	+1.31e-06	-4.08e-07
47	-1.15e-02	+3.43e-02	-4.78e-03	+1.43e-03	+8.29e-06	-7.16e-05
48	-1.17e-02	-4.48e-03	-4.72e-03	+1.53e-03	-7.17e-05	-2.73e-06
49	+9.94e-04	+5.46e-02	-3.53e-03	-1.24e-03	-5.24e-05	+2.97e-05
50	-2.61e-04	+5.97e-02	-2.61e-03	-1.17e-03	+1.85e-05	+4.06e-05
51	-1.62e-03	+5.84e-02	-3.68e-03	-1.26e-03	+8.84e-05	+6.89e-05
52	-2.22e-03	+5.31e-02	-3.85e-03	-1.25e-03	+7.40e-05	+4.10e-05
53	-2.16e-03	+3.47e-02	-3.86e-03	-1.23e-03	+8.34e-05	-2.17e-06
54	-1.42e-03	-4.14e-03	-4.43e-03	-1.39e-03	+1.90e-05	+1.61e-05
55	-3.33e-03	+6.09e-02	-2.52e-03	-1.19e-03	+1.05e-05	+4.76e-05
56	-3.38e-03	+6.49e-02	-2.06e-03	-1.23e-03	-1.59e-06	+3.21e-05
57	-3.40e-03	+6.33e-02	-2.60e-03	-1.21e-03	-1.66e-05	+2.48e-05
58	-3.37e-03	+5.97e-02	-2.68e-03	-1.18e-03	-1.66e-05	+9.10e-06
59	-3.28e-03	+4.72e-02	-2.69e-03	-1.09e-03	-1.78e-05	-3.83e-05
60	-3.11e-03	+1.44e-02	-2.98e-03	-8.83e-04	-1.31e-05	-4.51e-05
61	-1.12e-02	+6.13e-02	-3.35e-03	+1.36e-03	+3.19e-05	+5.66e-05
62	-1.11e-02	+6.53e-02	-3.34e-03	+1.37e-03	+3.23e-05	+3.56e-05
63	-1.08e-02	+6.37e-02	-3.35e-03	+1.36e-03	+2.82e-05	+2.19e-05
64	-1.05e-02	+6.01e-02	-3.35e-03	+1.36e-03	+2.65e-05	+7.91e-06
65	-1.02e-02	+4.75e-02	-3.33e-03	+1.37e-03	+2.99e-05	-5.08e-05
66	-9.87e-03	+1.47e-02	-3.28e-03	+1.32e-03	-3.71e-05	-4.10e-05
67	-4.56e-03	+7.40e-03	-3.96e-03	-1.20e-03	+5.82e-04	+5.11e-06
68	+9.05e-04	+3.72e-03	-5.15e-03	-1.68e-03	+8.09e-04	-8.84e-06
69	-1.04e-07	+3.66e-08	-7.07e-07	+9.25e-07	-3.27e-07	-2.11e-07
70	-1.07e-02	+8.98e-03	-2.95e-03	+8.30e-04	-2.88e-04	+4.49e-05
71	-9.93e-03	+5.82e-03	-4.37e-03	+1.55e-03	-5.26e-04	+1.15e-04
72	+2.39e-11	+2.05e-08	-4.32e-07	-7.41e-07	-4.79e-08	+1.19e-08
73	-1.03e-02	+6.71e-03	-8.95e-03	+1.54e-03	+1.78e-04	+5.70e-05
74	-2.93e-03	+1.10e-03	-5.89e-03	-4.56e-04	+1.53e-03	+1.17e-04
75	-8.06e-03	+1.77e-03	-4.38e-03	-2.68e-04	+1.01e-03	+2.11e-05
76	-7.58e-03	+1.02e-02	-4.61e-03	+1.33e-03	-8.96e-04	+7.89e-05
77	-9.22e-03	+1.15e-02	-3.07e-03	+6.47e-04	-5.14e-04	+4.90e-05
78	+5.19e-09	+1.78e-08	-4.50e-07	-6.68e-07	+1.33e-07	+1.30e-08
79	-2.76e-03	-2.34e-04	-2.02e-03	-1.02e-03	+6.08e-04	+1.46e-05
80	-1.08e-02	+5.89e-03	-4.04e-03	+1.05e-03	-9.97e-04	+2.13e-05
81	-6.99e-03	+3.48e-03	-1.70e-03	-7.23e-04	+4.47e-04	+5.13e-06
82	-1.16e-02	+7.55e-03	-2.73e-03	+5.61e-04	-5.87e-04	+1.53e-06
83	-1.34e-08	-1.33e-08	-2.51e-07	+4.15e-07	-4.67e-07	+1.36e-09
84	+5.71e-09	+1.45e-08	-4.00e-07	-5.31e-07	+1.34e-07	+4.05e-10
85	-1.27e-02	+5.83e-03	-5.95e-03	+9.07e-04	+8.58e-05	+1.61e-05
86	-7.26e-09	-2.25e-08	-6.97e-07	+2.96e-07	-1.12e-06	+2.11e-07
87	-8.42e-09	+2.08e-08	-8.69e-07	-7.28e-07	-3.41e-07	+4.25e-09
88	-4.77e-03	+1.54e-02	-7.11e-03	+2.81e-05	-1.56e-03	+2.01e-05
89	+2.59e-03	+9.78e-03	-8.05e-03	-1.98e-03	-1.89e-04	+9.34e-05
90	-6.52e-03	+3.61e-03	-5.40e-03	-1.11e-03	-1.47e-04	+4.61e-05
91	-1.12e-02	+7.70e-03	-4.96e-03	+4.17e-06	-1.10e-03	+2.83e-05
92	+5.46e-08	-1.32e-07	-1.12e-06	+3.42e-07	-1.10e-07	+5.06e-08
93	+5.43e-08	+4.56e-08	-6.71e-07	-3.59e-07	+7.64e-07	-1.95e-07
94	-1.21e-02	+5.33e-03	-2.82e-03	+4.10e-04	+5.69e-04	-1.70e-06
95	-1.05e-02	+7.28e-03	-3.31e-03	-5.53e-04	-6.84e-04	+1.02e-06
96	-8.54e-03	+2.32e-03	-5.93e-03	-2.50e-04	+8.36e-04	+3.44e-05
97	-6.87e-03	+4.38e-03	-5.46e-03	-1.08e-03	-3.26e-04	-4.53e-05
98	-1.44e-02	+9.90e-03	-4.19e-03	+8.58e-04	+1.17e-03	+2.42e-05
99	-9.20e-03	+1.80e-02	-5.20e-03	-8.18e-04	-1.10e-03	-4.56e-05
100	-8.97e-04	-1.30e-03	-8.90e-03	-3.63e-04	+1.44e-03	+4.49e-05
101	+4.38e-03	+6.93e-03	-8.14e-03	-1.48e-03	-5.67e-04	-8.57e-05
102	-4.64e-09	-2.82e-08	-5.17e-07	+2.07e-07	+3.85e-07	-2.34e-07
103	+4.01e-09	-1.81e-08	-8.11e-07	+1.69e-07	+3.23e-07	-4.81e-08
104	-1.80e-08	+1.05e-08	-4.13e-07	-3.84e-07	-6.54e-07	-4.50e-10
105	-2.20e-08	-4.13e-09	-8.65e-07	+1.21e-07	-7.60e-07	+9.10e-09

COMUNE DI PRAIANO cc_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO cc_g976 0007619 - Ingresso 09/09/2024 12:39

Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
106	-1.95e-02	-3.17e-02	-2.91e-03	+9.18e-04	-4.01e-04	-1.07e-04
107	-2.95e-02	-2.74e-02	-3.42e-03	-1.26e-03	+8.94e-04	-1.20e-04
108	-1.84e-03	-1.05e-02	-4.32e-03	+1.14e-03	-4.23e-04	-1.22e-04
109	-5.61e-03	-8.27e-03	-5.02e-03	-1.05e-03	+6.88e-04	-1.18e-04
110	-1.79e-08	+4.46e-10	-4.41e-07	+6.79e-07	-1.60e-07	+4.94e-08
111	-1.30e-01	-1.53e-01	-4.37e-04	-1.26e-03	+1.04e-03	-1.20e-04
113	-2.56e-02	-3.74e-02	-4.66e-03	-1.24e-03	+6.21e-04	+7.09e-05
115	-2.87e-02	-4.19e-02	-4.80e-03	-1.18e-03	+7.23e-04	-9.34e-05
117	-3.88e-02	-4.15e-02	-3.26e-03	-1.17e-03	+6.95e-04	+6.91e-05
119	-4.33e-02	-4.76e-02	-3.35e-03	-1.20e-03	+7.64e-04	-8.30e-05
122	-1.19e-01	-1.58e-01	-4.17e-04	-1.17e-03	+8.41e-04	+6.91e-05
123	-1.31e-01	-1.68e-01	-4.28e-04	-1.20e-03	+9.10e-04	-8.30e-05
124	-2.91e-02	-4.55e-02	-2.97e-03	+9.93e-04	-5.32e-04	+5.86e-05
125	-2.19e-02	-3.95e-02	-4.42e-03	+1.05e-03	-6.42e-04	+1.00e-04
126	-2.49e-02	-4.41e-02	-4.46e-03	+1.01e-03	-6.35e-04	-3.05e-05
127	-3.33e-02	-5.17e-02	-2.99e-03	+1.03e-03	-5.59e-04	-6.91e-05
128	+2.82e-03	-3.41e-03	-4.24e-03	+1.07e-03	-6.36e-04	+1.52e-04
129	+8.33e-03	+4.71e-03	-4.34e-03	+1.01e-03	-6.25e-04	-1.24e-06
130	+8.39e-04	-1.82e-03	-2.84e-03	+7.19e-04	-3.67e-04	+6.15e-05
131	+2.32e-03	+3.50e-04	-2.90e-03	+7.03e-04	-3.94e-04	-4.49e-05
132	-1.40e-08	+8.74e-09	-4.62e-07	+5.16e-07	-8.64e-08	+1.05e-07
133	-1.03e-08	+9.88e-09	-4.56e-07	+3.41e-07	+2.39e-08	+2.22e-07
134	+6.31e-09	+1.39e-08	-4.16e-07	-4.47e-07	+2.39e-07	+1.63e-08
135	+7.46e-09	+1.44e-08	-4.25e-07	-4.80e-07	+2.87e-07	-1.19e-08

MASSIME DEFORMAZIONI NODALI

	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z	DLMax
Deform. nodali	-1.31e-01	+2.02e-01	-1.19e-02	-1.98e-03	-1.56e-03	+1.52e-04	+2.13e-01
Nodo	123	33	13	89	88	128	123

COMBINAZIONE DI CARICO: 6 - DESCRIZIONE: VENTO +Y

Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
1	-1.28e-09	+1.82e-10	-4.15e-07	+2.43e-08	+7.57e-07	-9.74e-08
2	+1.15e-09	+1.60e-08	-4.28e-07	-5.23e-07	+5.76e-08	+9.15e-09
3	-7.88e-09	+1.74e-08	-8.14e-07	-6.07e-07	-2.41e-07	+6.57e-09
4	-5.73e-09	-1.24e-08	-7.49e-07	+3.82e-07	-1.37e-07	+1.39e-08
5	+1.60e-08	+1.74e-08	-5.80e-07	+1.25e-08	+5.65e-07	-1.87e-07
6	-9.83e-09	+1.71e-09	-3.11e-07	-8.63e-08	-3.08e-07	-2.52e-09
7	+9.50e-09	+1.98e-08	-7.37e-07	-6.99e-07	+3.31e-07	+2.64e-08
8	-4.08e-08	-2.84e-09	-1.25e-06	+1.49e-09	+6.35e-07	-7.71e-08
9	-5.97e-08	+4.61e-09	-4.64e-07	-7.14e-07	+3.62e-07	-7.71e-09
10	+4.97e-04	+2.21e-01	-4.21e-04	+1.53e-03	+2.05e-05	+1.47e-04
11	-3.51e-04	+6.55e-02	-4.71e-03	+1.35e-03	+5.94e-05	+1.45e-04
12	+2.13e-03	+6.59e-02	-3.79e-03	-1.19e-03	-2.23e-05	+1.01e-04
13	+2.03e-03	+1.92e-02	-1.22e-02	-3.47e-04	-6.60e-04	-9.64e-06
14	-2.29e-04	+1.89e-02	-7.55e-03	+1.20e-03	-7.10e-04	+7.60e-05
15	-1.74e-04	+2.04e-02	-3.12e-03	-1.95e-04	+9.52e-04	-1.53e-05
16	+5.75e-03	+1.93e-02	-6.14e-03	-7.17e-04	-9.10e-04	-2.45e-05
17	+5.90e-03	+2.07e-02	-7.70e-03	-1.43e-03	+6.98e-04	+5.19e-05
18	+2.48e-03	+2.04e-02	-8.40e-03	+1.01e-03	+6.85e-04	+5.41e-05
19	+2.45e-03	+4.44e-03	-4.37e-03	+1.26e-03	-9.08e-05	+7.06e-05
20	+5.91e-03	+4.81e-03	-4.02e-03	-1.49e-03	-1.24e-04	+9.04e-05
21	+2.83e-03	+2.84e-03	-2.92e-03	+6.55e-04	-1.14e-07	+3.46e-05
22	+7.67e-03	+2.73e-03	-2.70e-03	-7.83e-04	+1.57e-05	+3.73e-05
23	+2.48e-03	+7.92e-03	-2.11e-03	-1.48e-04	+5.33e-04	-9.54e-06
24	+2.83e-03	+7.91e-03	-5.58e-03	+6.26e-04	+4.44e-04	+2.49e-05
25	+7.67e-03	+7.74e-03	-5.13e-03	-8.39e-04	+4.35e-04	+5.26e-05
26	+2.41e-03	+1.00e-02	-5.05e-03	+7.00e-04	-4.19e-04	+9.97e-05
27	+3.41e-03	+9.80e-03	-8.13e-03	-3.44e-04	-3.92e-04	+4.93e-05

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
28	+7.79e-03	+9.73e-03	-4.11e-03	-4.09e-04	-4.15e-04	-6.66e-05
29	+2.55e-03	+7.18e-02	-3.30e-03	+1.39e-03	+2.05e-05	+1.47e-04
30	+3.44e-03	+7.14e-02	-2.64e-03	-1.24e-03	+3.81e-05	+1.36e-04
31	+4.17e-03	+2.46e-01	-4.32e-04	+1.56e-03	-1.39e-05	+3.97e-05
32	-6.30e-08	+1.03e-08	-4.58e-07	-1.07e-06	+3.52e-07	-1.07e-08
33	+4.62e-03	+2.51e-01	-4.32e-04	+1.56e-03	-1.59e-05	+8.51e-06
34	+1.35e-09	+1.20e-08	-2.99e-07	-1.05e-06	+6.81e-08	+2.06e-09
35	+5.23e-03	+2.50e-01	-4.33e-04	+1.55e-03	-1.94e-05	-7.99e-06
36	+7.61e-08	+1.16e-08	-4.58e-07	-1.15e-06	-2.08e-07	+1.71e-08
37	+5.70e-03	+2.46e-01	-4.32e-04	+1.56e-03	-2.13e-05	-3.26e-05
38	+7.10e-08	+1.03e-08	-4.61e-07	-1.07e-06	-2.28e-07	+2.08e-08
39	+5.41e-03	+2.30e-01	-4.28e-04	+1.58e-03	-1.57e-05	-1.11e-04
40	+6.48e-08	+5.44e-09	-4.51e-07	-7.66e-07	-2.23e-07	+1.83e-08
41	+1.37e-02	+1.84e-01	-4.17e-04	+1.57e-03	-9.60e-05	-1.08e-04
42	-6.45e-08	+1.82e-08	-7.79e-07	+3.34e-07	-2.61e-07	-2.40e-07
43	-4.67e-04	+9.38e-02	-4.84e-03	+1.32e-03	-3.01e-05	+6.41e-05
44	-5.75e-04	+1.02e-01	-4.83e-03	+1.28e-03	-1.58e-05	+1.40e-05
45	-6.91e-04	+1.02e-01	-4.85e-03	+1.30e-03	-1.37e-05	-1.49e-05
46	-8.18e-04	+9.46e-02	-4.84e-03	+1.32e-03	-1.80e-05	-5.26e-05
47	-9.73e-04	+6.65e-02	-4.80e-03	+1.38e-03	-1.15e-05	-1.62e-04
48	-1.20e-03	+3.62e-03	-4.69e-03	+1.55e-03	-8.73e-05	-8.44e-05
49	+1.55e-03	+9.42e-02	-3.65e-03	-1.26e-03	-8.94e-05	+3.43e-05
50	+2.14e-04	+1.02e-01	-2.58e-03	-1.22e-03	-1.34e-05	+1.21e-05
51	-1.00e-03	+1.03e-01	-3.49e-03	-1.28e-03	+5.17e-05	+8.65e-06
52	-1.39e-03	+9.50e-02	-3.61e-03	-1.26e-03	+3.87e-05	-2.93e-05
53	-1.02e-03	+6.69e-02	-3.55e-03	-1.22e-03	+5.10e-05	-1.04e-04
54	+2.46e-04	+3.92e-03	-4.46e-03	-1.32e-03	-2.06e-05	-6.81e-05
55	+3.43e-03	+9.28e-02	-2.57e-03	-1.40e-03	+1.54e-05	+3.45e-05
56	+3.41e-03	+9.86e-02	-2.04e-03	-1.45e-03	+1.71e-06	+7.80e-06
57	+3.42e-03	+9.80e-02	-2.49e-03	-1.44e-03	-1.18e-05	-5.16e-06
58	+3.48e-03	+9.31e-02	-2.55e-03	-1.40e-03	-1.12e-05	-2.98e-05
59	+3.61e-03	+7.48e-02	-2.53e-03	-1.27e-03	-1.14e-05	-9.40e-05
60	+3.83e-03	+2.99e-02	-2.99e-03	-9.54e-04	-1.03e-06	-1.12e-04
61	+2.78e-03	+9.33e-02	-3.38e-03	+1.42e-03	-1.39e-05	+3.97e-05
62	+3.03e-03	+9.90e-02	-3.38e-03	+1.41e-03	-1.59e-05	+8.51e-06
63	+3.29e-03	+9.84e-02	-3.39e-03	+1.41e-03	-1.94e-05	-7.99e-06
64	+3.57e-03	+9.36e-02	-3.38e-03	+1.41e-03	-2.13e-05	-3.26e-05
65	+3.84e-03	+7.53e-02	-3.35e-03	+1.44e-03	-1.57e-05	-1.11e-04
66	+4.08e-03	+3.03e-02	-3.26e-03	+1.43e-03	-9.60e-05	-1.08e-04
67	+7.38e-04	+1.56e-02	-3.98e-03	-1.21e-03	+5.88e-04	-3.79e-05
68	+1.81e-03	+7.09e-03	-5.19e-03	-1.67e-03	+7.93e-04	-3.28e-05
69	-1.14e-07	+5.11e-08	-7.28e-07	+7.09e-07	-1.76e-07	-1.90e-07
70	+1.48e-03	+1.56e-02	-2.93e-03	+8.15e-04	-2.51e-04	-2.28e-05
71	-7.05e-04	+7.31e-03	-4.33e-03	+1.60e-03	-5.60e-04	+3.51e-05
72	+5.71e-09	+2.44e-08	-4.29e-07	-8.90e-07	+1.99e-07	-6.04e-09
73	+4.18e-03	+1.52e-02	-8.96e-03	+1.54e-03	+1.75e-04	-1.45e-05
74	+5.51e-03	+1.46e-02	-6.04e-03	-4.60e-04	+1.53e-03	+2.57e-05
75	-8.93e-04	+1.25e-02	-4.44e-03	-3.28e-04	+1.05e-03	-2.27e-05
76	-2.06e-04	+8.34e-03	-4.61e-03	+1.38e-03	-9.27e-04	+3.57e-05
77	+1.37e-03	+1.53e-02	-3.08e-03	+6.37e-04	-4.88e-04	+7.01e-06
78	+1.05e-08	+2.07e-08	-4.52e-07	-7.64e-07	+3.56e-07	+1.85e-09
79	+8.12e-03	+1.69e-02	-2.01e-03	-1.06e-03	+6.26e-04	+5.60e-06
80	+6.18e-03	+1.80e-02	-4.06e-03	+1.05e-03	-1.00e-03	+8.17e-06
81	+1.12e-03	+1.56e-02	-1.69e-03	-7.92e-04	+4.90e-04	-1.05e-05
82	+1.63e-03	+1.55e-02	-2.75e-03	+5.05e-04	-5.21e-04	-1.66e-05
83	-9.51e-09	-8.25e-09	-2.49e-07	+1.90e-07	-3.07e-07	-2.76e-09
84	+1.13e-08	+1.81e-08	-4.03e-07	-6.79e-07	+3.83e-07	-4.39e-09
85	-4.45e-04	+1.24e-02	-5.96e-03	+8.75e-04	+1.29e-04	-1.74e-05
86	-1.14e-08	-1.18e-08	-6.87e-07	+3.89e-08	-9.38e-07	+1.68e-07
87	-2.80e-09	+2.43e-08	-8.70e-07	-8.65e-07	-9.58e-08	-4.61e-09

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
88	+1.20e-03	+1.15e-02	-7.28e-03	+5.39e-05	-1.58e-03	-5.24e-05
89	+2.53e-03	+1.09e-02	-8.07e-03	-1.93e-03	-2.24e-04	-1.58e-05
90	-2.37e-03	+9.96e-03	-5.41e-03	-1.12e-03	-1.39e-04	-1.35e-05
91	-1.93e-03	+9.89e-03	-5.05e-03	+1.86e-05	-1.08e-03	-9.11e-06
92	+5.73e-08	-1.19e-07	-1.10e-06	+1.63e-07	+2.90e-08	-1.04e-08
93	+6.69e-08	+5.80e-08	-6.70e-07	-4.46e-07	+9.69e-07	-2.11e-07
94	-1.52e-03	+1.33e-02	-2.81e-03	+3.72e-04	+6.23e-04	-1.82e-05
95	-2.93e-03	+1.08e-02	-3.41e-03	-5.45e-04	-6.57e-04	-1.94e-05
96	+2.44e-03	+9.99e-03	-5.92e-03	-2.80e-04	+8.77e-04	+1.40e-06
97	+1.07e-03	+7.67e-03	-5.56e-03	-1.07e-03	-3.09e-04	-4.90e-05
98	-6.12e-04	+1.90e-02	-4.18e-03	+8.69e-04	+1.17e-03	-2.56e-05
99	-3.99e-03	+1.47e-02	-5.40e-03	-7.77e-04	-1.12e-03	-9.85e-05
100	+1.05e-02	+9.74e-03	-8.89e-03	-3.66e-04	+1.43e-03	-1.63e-05
101	+7.23e-03	+5.55e-03	-8.34e-03	-1.46e-03	-5.98e-04	-1.14e-04
102	+7.49e-09	-1.52e-08	-5.18e-07	+9.81e-08	+5.55e-07	-2.46e-07
103	+8.55e-09	-1.48e-08	-8.25e-07	+6.09e-08	+5.01e-07	-5.51e-08
104	-1.33e-08	+1.45e-08	-4.13e-07	-5.45e-07	-4.50e-07	-4.80e-09
105	-1.68e-08	-1.36e-10	-8.63e-07	-3.95e-08	-5.40e-07	+3.70e-10
106	-9.04e-03	-1.89e-02	-2.88e-03	+8.65e-04	-3.66e-04	-5.26e-05
107	-1.58e-02	-1.62e-02	-3.28e-03	-1.12e-03	+7.64e-04	-5.81e-05
108	-8.44e-04	-9.33e-03	-4.27e-03	+1.24e-03	-5.20e-04	-3.22e-05
109	-1.75e-03	-8.49e-03	-4.73e-03	-1.03e-03	+6.50e-04	-2.88e-05
110	-4.69e-09	+1.71e-08	-4.57e-07	+3.66e-07	+9.97e-08	+1.46e-07
111	-9.22e-02	-1.17e-01	-4.19e-04	-9.74e-04	+7.64e-04	-5.81e-05
113	+2.09e-04	-5.44e-03	-4.63e-03	-1.29e-03	+6.46e-04	+3.75e-05
115	-4.76e-03	-1.28e-02	-4.78e-03	-1.22e-03	+7.41e-04	-1.58e-05
117	-1.52e-02	-1.55e-02	-3.23e-03	-1.12e-03	+6.40e-04	+4.14e-05
119	-1.98e-02	-2.21e-02	-3.33e-03	-1.12e-03	+6.98e-04	-3.33e-05
122	-7.92e-02	-1.16e-01	-4.13e-04	-9.70e-04	+6.40e-04	+4.14e-05
123	-8.96e-02	-1.23e-01	-4.26e-04	-9.76e-04	+6.98e-04	-3.33e-05
124	-8.56e-03	-1.82e-02	-3.01e-03	+8.20e-04	-4.06e-04	+3.90e-05
125	+1.19e-03	-6.32e-03	-4.49e-03	+1.04e-03	-6.47e-04	+9.92e-05
126	-3.83e-03	-1.37e-02	-4.51e-03	+1.03e-03	-6.56e-04	+6.22e-05
127	-1.31e-02	-2.48e-02	-3.02e-03	+8.61e-04	-4.38e-04	-2.28e-05
128	+1.16e-02	+8.87e-03	-4.32e-03	+1.07e-03	-6.39e-04	+7.80e-05
129	+8.59e-03	+4.58e-03	-4.32e-03	+1.04e-03	-6.67e-04	-5.17e-05
130	+8.88e-03	+7.20e-03	-2.89e-03	+6.62e-04	-3.22e-04	+1.82e-05
131	+7.36e-03	+4.98e-03	-2.89e-03	+6.96e-04	-3.84e-04	-5.16e-05
132	-3.67e-09	+1.67e-08	-4.64e-07	-1.17e-08	+3.18e-07	+1.94e-07
133	+6.49e-10	+1.69e-08	-4.58e-07	-1.58e-07	+4.08e-07	+2.49e-07
134	+1.02e-08	+1.79e-08	-4.23e-07	-6.17e-07	+3.97e-07	+4.80e-09
135	+1.08e-08	+1.77e-08	-4.24e-07	-5.94e-07	+4.07e-07	-1.36e-08

MASSIME DEFORMAZIONI NODALI

	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z	DLMax
Deform. nodali	-9.22e-02	+2.51e-01	-1.22e-02	-1.93e-03	-1.58e-03	-1.62e-04	+2.52e-01
Nodo	111	33	13	89	88	47	33

COMBINAZIONE DI CARICO: 7 - DESCRIZIONE: VENTO -Y

Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
1	-3.77e-09	-2.57e-08	-4.44e-07	+9.48e-08	+7.34e-07	-9.93e-08
2	+6.35e-10	+1.29e-08	-4.01e-07	-4.66e-07	+2.94e-08	+5.12e-09
3	-8.45e-09	+1.22e-08	-8.13e-07	-4.38e-07	-2.71e-07	+5.93e-09
4	-5.96e-09	-1.73e-08	-7.50e-07	+5.39e-07	-1.48e-07	+1.57e-08
5	+1.56e-08	-3.68e-08	-6.59e-07	+9.84e-08	+5.42e-07	-1.74e-07
6	-9.97e-09	-3.29e-09	-3.10e-07	+7.34e-08	-3.14e-07	+4.03e-09
7	+9.23e-09	+1.63e-08	-7.37e-07	-6.20e-07	+3.18e-07	+1.68e-08
8	-4.46e-08	-7.05e-09	-1.18e-06	+1.62e-07	+6.27e-07	-1.78e-07
9	-6.46e-08	-1.26e-08	-4.69e-07	+2.26e-07	+3.49e-07	-1.78e-07

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Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
10	-8.13e-04	+1.42e-01	-4.17e-04	+1.12e-03	+2.83e-05	+3.40e-05
11	+7.61e-04	+1.19e-02	-4.68e-03	+1.43e-03	+6.70e-05	+1.19e-05
12	+1.95e-03	+1.23e-02	-3.76e-03	-1.21e-03	-1.90e-05	-5.30e-05
13	+1.88e-03	+1.59e-02	-1.15e-02	-3.50e-04	-6.60e-04	-4.31e-05
14	+8.61e-04	+1.56e-02	-7.54e-03	+1.19e-03	-7.04e-04	+1.89e-05
15	+1.20e-03	+1.40e-02	-3.12e-03	-2.13e-04	+9.58e-04	+4.70e-07
16	+5.79e-03	+1.60e-02	-6.27e-03	-7.18e-04	-9.07e-04	+5.60e-06
17	+5.93e-03	+1.43e-02	-7.70e-03	-1.45e-03	+7.00e-04	+5.42e-05
18	+1.55e-03	+1.40e-02	-8.39e-03	+1.01e-03	+6.87e-04	+4.53e-05
19	+1.52e-03	+3.34e-03	-4.14e-03	+1.25e-03	-8.81e-05	+5.67e-05
20	+5.93e-03	+3.68e-03	-4.07e-03	-1.50e-03	-1.20e-04	+6.64e-05
21	+1.22e-03	+2.25e-03	-2.73e-03	+6.62e-04	-6.86e-06	+1.94e-05
22	+7.12e-03	+2.02e-03	-2.74e-03	-7.73e-04	+1.15e-05	+1.84e-05
23	+2.38e-03	+1.58e-03	-2.11e-03	-1.20e-04	+5.38e-04	+1.52e-05
24	+1.20e-03	+1.58e-03	-5.57e-03	+6.41e-04	+4.40e-04	+2.24e-05
25	+7.14e-03	+1.40e-03	-5.13e-03	-8.07e-04	+4.36e-04	+5.93e-05
26	+1.88e-03	+8.24e-03	-5.05e-03	+7.10e-04	-4.17e-04	+6.34e-05
27	+2.91e-03	+8.10e-03	-7.59e-03	-3.27e-04	-3.97e-04	+2.66e-05
28	+7.26e-03	+7.87e-03	-4.25e-03	-3.90e-04	-4.14e-04	-3.50e-05
29	+2.01e-03	+2.57e-02	-3.26e-03	+1.27e-03	+2.83e-05	+3.40e-05
30	+2.88e-03	+2.54e-02	-2.64e-03	-9.47e-04	+3.85e-05	+3.01e-05
31	+2.85e-03	+1.49e-01	-4.25e-04	+1.17e-03	-6.60e-06	+1.28e-05
32	-7.04e-08	-1.18e-08	-4.69e-07	+1.74e-07	+3.40e-07	-1.64e-07
33	+3.21e-03	+1.53e-01	-4.22e-04	+1.18e-03	-8.39e-06	+1.88e-06
34	+1.13e-09	-9.42e-09	-3.06e-07	+7.22e-08	+5.68e-08	+4.78e-10
35	+3.74e-03	+1.50e-01	-4.24e-04	+1.17e-03	-1.18e-05	-8.54e-06
36	+7.14e-08	-1.18e-08	-4.68e-07	+1.72e-07	-2.20e-07	+1.65e-07
37	+4.09e-03	+1.47e-01	-4.24e-04	+1.17e-03	-1.34e-05	-1.16e-05
38	+6.50e-08	-1.24e-08	-4.75e-07	+2.08e-07	-2.40e-07	+1.84e-07
39	+3.76e-03	+1.41e-01	-4.23e-04	+1.16e-03	-8.14e-06	-4.06e-05
40	+5.39e-08	-1.41e-08	-4.64e-07	+3.11e-07	-2.36e-07	+1.84e-07
41	+1.12e-02	+1.18e-01	-4.20e-04	+1.10e-03	-8.09e-05	-2.80e-05
42	-7.42e-08	+4.09e-09	-7.39e-07	+9.43e-07	-2.61e-07	-1.15e-07
43	+6.19e-04	+1.42e-02	-4.77e-03	+1.44e-03	-2.26e-05	+2.44e-05
44	+4.67e-04	+1.66e-02	-4.73e-03	+1.41e-03	-8.08e-06	-1.32e-06
45	+3.10e-04	+1.46e-02	-4.76e-03	+1.44e-03	-5.81e-06	-2.66e-05
46	+1.59e-04	+1.18e-02	-4.75e-03	+1.45e-03	-9.91e-06	-3.23e-05
47	+9.18e-06	+3.52e-03	-4.75e-03	+1.47e-03	-3.11e-06	-6.40e-05
48	-1.53e-04	-1.10e-02	-4.73e-03	+1.53e-03	-7.79e-05	+3.54e-06
49	+1.35e-03	+1.46e-02	-3.65e-03	-1.23e-03	-8.71e-05	-5.33e-05
50	-2.71e-05	+1.70e-02	-2.63e-03	-1.13e-03	-1.15e-05	-1.05e-06
51	-1.44e-03	+1.49e-02	-3.67e-03	-1.24e-03	+5.31e-05	+5.09e-05
52	-2.10e-03	+1.22e-02	-3.85e-03	-1.24e-03	+3.91e-05	+3.41e-05
53	-2.16e-03	+3.91e-03	-3.87e-03	-1.24e-03	+4.70e-05	+2.12e-05
54	-1.60e-03	-1.06e-02	-4.43e-03	-1.43e-03	-1.24e-05	+3.53e-05
55	+2.86e-03	+2.88e-02	-2.59e-03	-9.83e-04	+1.47e-05	+4.43e-06
56	+2.83e-03	+3.13e-02	-2.08e-03	-1.02e-03	+1.04e-06	+1.81e-06
57	+2.83e-03	+2.90e-02	-2.60e-03	-9.85e-04	-1.32e-05	-7.48e-07
58	+2.88e-03	+2.69e-02	-2.69e-03	-9.69e-04	-1.36e-05	-6.49e-06
59	+2.99e-03	+2.09e-02	-2.70e-03	-9.25e-04	-1.44e-05	-2.98e-05
60	+3.16e-03	+4.85e-03	-2.97e-03	-8.31e-04	-1.52e-05	-2.17e-05
61	+2.19e-03	+2.91e-02	-3.32e-03	+1.31e-03	-6.60e-06	+1.28e-05
62	+2.38e-03	+3.16e-02	-3.30e-03	+1.32e-03	-8.39e-06	+1.88e-06
63	+2.56e-03	+2.93e-02	-3.32e-03	+1.31e-03	-1.18e-05	-8.54e-06
64	+2.75e-03	+2.73e-02	-3.31e-03	+1.31e-03	-1.34e-05	-1.16e-05
65	+2.94e-03	+2.12e-02	-3.31e-03	+1.31e-03	-8.14e-06	-4.06e-05
66	+3.13e-03	+5.18e-03	-3.29e-03	+1.24e-03	-8.09e-05	-2.80e-05
67	+2.96e-03	+3.35e-03	-4.08e-03	-1.19e-03	+5.90e-04	-1.08e-05
68	+1.83e-03	+2.91e-03	-5.38e-03	-1.70e-03	+7.80e-04	-4.61e-05
69	-8.11e-08	+2.10e-08	-6.99e-07	+1.03e-06	-1.43e-07	-2.15e-07

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Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
70	+2.95e-03	+3.55e-03	-2.93e-03	+8.34e-04	-2.47e-04	+4.41e-06
71	+2.24e-03	+2.39e-03	-4.36e-03	+1.54e-03	-5.40e-04	+3.39e-05
72	+6.22e-09	+1.69e-08	-4.30e-07	-6.08e-07	+2.26e-07	+1.16e-09
73	-1.75e-03	-3.07e-03	-8.94e-03	+1.53e-03	+1.66e-04	+1.67e-05
74	-3.40e-03	-1.27e-03	-5.69e-03	-4.71e-04	+1.51e-03	+9.43e-05
75	-2.11e-03	-4.54e-03	-4.28e-03	-2.57e-04	+1.01e-03	+7.73e-06
76	+2.11e-03	+2.21e-03	-4.62e-03	+1.32e-03	-9.11e-04	-1.58e-05
77	+3.00e-03	+3.57e-03	-3.09e-03	+6.71e-04	-4.90e-04	-6.31e-06
78	+1.12e-08	+1.36e-08	-4.52e-07	-4.99e-07	+3.90e-07	-1.67e-09
79	-2.60e-03	-1.65e-03	-2.03e-03	-1.04e-03	+5.81e-04	-2.88e-05
80	-1.59e-03	-2.93e-03	-4.04e-03	+1.03e-03	-1.02e-03	-1.77e-05
81	-6.55e-04	-2.28e-03	-1.71e-03	-7.14e-04	+4.50e-04	-2.31e-05
82	-6.81e-04	-2.00e-03	-2.72e-03	+5.97e-04	-5.55e-04	-2.09e-05
83	-9.42e-09	-1.69e-08	-2.52e-07	+5.51e-07	-3.16e-07	-6.10e-09
84	+1.10e-08	+9.82e-09	-3.99e-07	-3.36e-07	+3.59e-07	-5.53e-09
85	-2.19e-03	-4.24e-03	-5.95e-03	+9.39e-04	+1.10e-04	-1.33e-06
86	+6.91e-09	-3.36e-08	-7.07e-07	+4.60e-07	-9.67e-07	+2.08e-07
87	-3.13e-09	+1.59e-08	-8.68e-07	-5.20e-07	-1.18e-07	-3.53e-10
88	+5.16e-03	+7.57e-03	-7.17e-03	+1.05e-05	-1.58e-03	-4.05e-05
89	+3.50e-03	+9.33e-03	-8.03e-03	-2.03e-03	-2.36e-04	+5.32e-05
90	-4.13e-06	-1.89e-03	-5.39e-03	-1.10e-03	-1.33e-04	+2.30e-05
91	-8.48e-05	-1.53e-03	-4.99e-03	+4.45e-05	-1.06e-03	+3.27e-06
92	+6.73e-08	-1.39e-07	-1.13e-06	+5.10e-07	+6.98e-08	+1.89e-08
93	+6.30e-08	+4.49e-08	-6.70e-07	-1.41e-07	+1.02e-06	-2.45e-07
94	+1.09e-03	-6.96e-03	-2.79e-03	+4.91e-04	+6.48e-04	-3.82e-06
95	+3.28e-03	-4.14e-03	-3.38e-03	-4.81e-04	-6.02e-04	-2.21e-06
96	+4.93e-03	-1.02e-02	-5.92e-03	-2.10e-04	+8.79e-04	+6.59e-05
97	+7.17e-03	-7.18e-03	-5.53e-03	-1.04e-03	-2.76e-04	-7.73e-06
98	+4.69e-03	-8.53e-03	-4.15e-03	+8.68e-04	+1.18e-03	+3.50e-05
99	+1.13e-02	+1.68e-03	-5.32e-03	-8.01e-04	-1.07e-03	-4.89e-05
100	+7.85e-03	-1.13e-02	-8.90e-03	-3.86e-04	+1.40e-03	+1.09e-04
101	+1.46e-02	-8.24e-04	-8.27e-03	-1.50e-03	-5.96e-04	-2.25e-05
102	+6.87e-09	-2.62e-08	-5.17e-07	+4.40e-07	+6.69e-07	-2.70e-07
103	+1.02e-09	-4.43e-08	-8.62e-07	+4.25e-07	+6.15e-07	-4.72e-08
104	-1.27e-08	+5.66e-09	-4.09e-07	-1.64e-07	-4.14e-07	-1.01e-09
105	-1.59e-08	-9.91e-09	-8.64e-07	+3.73e-07	-4.91e-07	+1.74e-08
106	-1.43e-02	-4.00e-02	-2.92e-03	+9.39e-04	-4.00e-04	-5.87e-05
107	-1.56e-02	-3.99e-02	-3.49e-03	-1.35e-03	+8.30e-04	-6.37e-05
108	-1.53e-03	-1.13e-02	-4.35e-03	+1.07e-03	-4.76e-04	-6.35e-05
109	+5.92e-03	-1.42e-02	-5.14e-03	-1.07e-03	+6.79e-04	-5.23e-05
110	-7.18e-09	-1.49e-08	-4.22e-07	+9.03e-07	-8.45e-10	+7.71e-08
111	-9.86e-02	-1.86e-01	-4.46e-04	-1.49e-03	+8.30e-04	-6.37e-05
113	-1.85e-02	-4.97e-02	-4.66e-03	-1.25e-03	+5.95e-04	+1.25e-04
115	-2.06e-02	-5.27e-02	-4.80e-03	-1.19e-03	+6.92e-04	-5.86e-05
117	-2.65e-02	-5.58e-02	-3.26e-03	-1.23e-03	+6.29e-04	+1.14e-04
119	-3.03e-02	-6.13e-02	-3.35e-03	-1.25e-03	+7.23e-04	-5.06e-05
122	-8.94e-02	-1.89e-01	-4.16e-04	-1.37e-03	+6.29e-04	+1.14e-04
123	-1.03e-01	-1.97e-01	-4.28e-04	-1.40e-03	+7.23e-04	-5.06e-05
124	-2.54e-02	-5.59e-02	-3.04e-03	+1.03e-03	-5.54e-04	+9.74e-05
125	-2.61e-02	-4.67e-02	-4.57e-03	+1.03e-03	-6.89e-04	+1.46e-04
126	-2.80e-02	-4.97e-02	-4.62e-03	+9.89e-04	-6.74e-04	-1.71e-06
127	-2.91e-02	-6.14e-02	-3.07e-03	+1.06e-03	-5.76e-04	-3.84e-05
128	+2.68e-04	-8.20e-03	-4.40e-03	+1.06e-03	-6.78e-04	+2.00e-04
129	+7.46e-03	+2.28e-03	-3.76e-03	+9.78e-04	-6.73e-04	+6.25e-05
130	+5.84e-03	-1.04e-02	-2.92e-03	+7.41e-04	-3.74e-04	+9.83e-05
131	+7.95e-03	-7.32e-03	-2.61e-03	+7.19e-04	-3.90e-04	+3.68e-06
132	-1.95e-09	-2.16e-09	-4.63e-07	+7.45e-07	+3.36e-08	+9.69e-08
133	+1.79e-09	-1.23e-09	-4.56e-07	+5.73e-07	+1.40e-07	+2.22e-07
134	+9.98e-09	+9.34e-09	-4.28e-07	-2.62e-07	+3.70e-07	+2.60e-08
135	+1.12e-08	+1.01e-08	-3.83e-07	-3.10e-07	+4.24e-07	+9.74e-10

COMUNE DI PRAIANO cc_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO cc_g976 0007619 - Ingresso 09/09/2024 12:39

MASSIME DEFORMAZIONI NODALI

	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z	DLMax
Deform. nodali	-1.03e-01	-1.97e-01	-1.15e-02	-2.03e-03	-1.58e-03	+2.00e-04	+2.23e-01
Nodo	123	123	13	89	88	128	123

COMBINAZIONE DI CARICO: 8 - DESCRIZIONE: RARA 02

Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
1	-9.36e-09	-1.21e-08	-3.38e-07	+4.86e-08	+4.68e-07	-5.07e-08
2	-1.86e-09	+1.11e-08	-3.15e-07	-3.80e-07	-6.55e-08	+7.08e-09
3	-9.03e-09	+1.11e-08	-6.26e-07	-3.86e-07	-3.03e-07	+1.04e-08
4	-6.69e-09	-1.17e-08	-5.77e-07	+3.69e-07	-1.87e-07	+1.25e-08
5	+9.39e-09	-5.51e-09	-4.69e-07	+4.05e-08	+3.19e-07	-1.10e-07
6	-1.16e-08	-9.04e-10	-2.39e-07	+1.15e-08	-4.16e-07	+1.17e-08
7	+3.14e-09	+1.39e-08	-5.66e-07	-5.07e-07	+6.96e-08	+2.05e-08
8	-4.22e-08	-3.81e-09	-9.44e-07	+6.54e-08	+3.82e-07	-9.37e-08
9	-5.58e-08	-3.13e-09	-3.57e-07	-1.84e-07	+1.64e-07	-6.75e-08
10	-2.02e-02	+1.40e-01	-3.22e-04	+1.02e-03	+1.53e-04	+9.07e-05
11	-7.14e-03	+2.99e-02	-3.61e-03	+1.07e-03	+5.61e-05	+8.84e-05
12	+1.17e-03	+3.02e-02	-2.80e-03	-9.23e-04	+5.68e-06	+4.49e-05
13	+9.78e-04	+1.37e-02	-9.15e-03	-2.71e-04	-4.81e-04	-1.22e-06
14	-7.06e-03	+1.35e-02	-5.80e-03	+9.24e-04	-5.28e-04	+6.37e-05
15	-6.70e-03	+1.13e-02	-2.39e-03	-1.51e-04	+7.56e-04	+5.62e-05
16	+4.19e-03	+1.38e-02	-4.71e-03	-5.51e-04	-6.79e-04	+5.02e-06
17	+4.28e-03	+1.16e-02	-5.92e-03	-1.11e-03	+5.48e-04	+4.40e-05
18	+4.44e-04	+1.13e-02	-6.46e-03	+7.76e-04	+5.42e-04	+6.85e-05
19	+4.11e-04	+2.85e-03	-3.23e-03	+9.68e-04	-3.76e-05	+3.94e-05
20	+4.26e-03	+3.12e-03	-3.11e-03	-1.15e-03	-6.64e-05	+5.67e-05
21	-2.97e-03	+1.89e-03	-2.15e-03	+5.08e-04	-1.71e-05	+2.68e-05
22	+2.63e-03	+1.75e-03	-2.10e-03	-5.98e-04	+6.01e-06	+2.15e-05
23	-7.03e-03	+2.69e-03	-1.62e-03	-9.82e-05	+3.81e-04	+4.41e-05
24	-2.99e-03	+2.69e-03	-4.29e-03	+4.93e-04	+3.35e-04	+3.94e-05
25	+2.65e-03	+2.56e-03	-3.95e-03	-6.26e-04	+3.33e-04	+4.73e-05
26	-7.37e-03	+7.10e-03	-3.88e-03	+5.40e-04	-3.51e-04	+7.77e-05
27	-1.85e-03	+6.96e-03	-6.07e-03	-2.58e-04	-3.14e-04	+5.12e-05
28	+2.74e-03	+6.85e-03	-3.18e-03	-3.08e-04	-3.17e-04	-3.18e-05
29	-7.35e-03	+3.75e-02	-2.52e-03	+1.02e-03	+5.56e-05	+9.07e-05
30	-1.87e-03	+3.73e-02	-1.98e-03	-8.41e-04	+2.74e-05	+8.18e-05
31	-1.66e-02	+1.52e-01	-3.30e-04	+1.05e-03	+1.17e-04	+4.05e-05
32	-5.97e-08	-5.96e-10	-3.57e-07	-3.40e-07	+1.59e-07	-6.38e-08
33	-1.64e-02	+1.56e-01	-3.29e-04	+1.05e-03	+1.17e-04	+2.42e-05
34	-1.77e-09	+9.96e-10	-2.33e-07	-3.76e-07	-5.52e-08	+5.78e-09
35	-1.59e-02	+1.54e-01	-3.30e-04	+1.05e-03	+1.14e-04	+1.37e-05
36	+4.83e-08	-4.53e-11	-3.55e-07	-3.77e-07	-2.74e-07	+7.37e-08
37	-1.56e-02	+1.51e-01	-3.29e-04	+1.05e-03	+1.13e-04	+3.01e-06
38	+4.50e-08	-8.21e-10	-3.61e-07	-3.32e-07	-2.90e-07	+8.25e-08
39	-1.56e-02	+1.42e-01	-3.28e-04	+1.06e-03	+1.16e-04	-4.16e-05
40	+3.75e-08	-3.42e-09	-3.53e-07	-1.72e-07	-2.87e-07	+8.12e-08
41	-1.01e-02	+1.13e-01	-3.23e-04	+1.02e-03	+6.31e-05	-3.43e-05
42	-6.63e-08	+8.67e-09	-5.83e-07	+5.30e-07	-3.19e-07	-1.35e-07
43	-7.24e-03	+4.17e-02	-3.70e-03	+1.06e-03	-9.19e-06	+6.21e-05
44	-7.34e-03	+4.56e-02	-3.68e-03	+1.04e-03	+9.72e-07	+3.34e-05
45	-7.45e-03	+4.47e-02	-3.70e-03	+1.05e-03	+3.08e-06	+1.19e-05
46	-7.56e-03	+4.06e-02	-3.69e-03	+1.06e-03	-5.57e-07	-4.62e-06
47	-7.69e-03	+2.65e-02	-3.68e-03	+1.10e-03	+4.77e-06	-5.93e-05
48	-7.86e-03	-3.36e-03	-3.63e-03	+1.18e-03	-5.63e-05	-5.97e-06
49	+8.11e-04	+4.20e-02	-2.73e-03	-9.56e-04	-4.40e-05	+1.88e-05
50	-1.64e-04	+4.59e-02	-2.00e-03	-9.02e-04	+1.10e-05	+2.76e-05
51	-1.21e-03	+4.50e-02	-2.82e-03	-9.67e-04	+6.43e-05	+4.90e-05
52	-1.66e-03	+4.09e-02	-2.95e-03	-9.63e-04	+5.33e-05	+2.76e-05

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
53	-1.61e-03	+2.68e-02	-2.95e-03	-9.49e-04	+6.07e-05	-5.67e-06
54	-1.02e-03	-3.11e-03	-3.41e-03	-1.07e-03	+1.10e-05	+9.04e-06
55	-1.90e-03	+4.69e-02	-1.95e-03	-9.18e-04	+8.54e-06	+3.37e-05
56	-1.93e-03	+4.99e-02	-1.58e-03	-9.49e-04	-9.17e-07	+2.19e-05
57	-1.94e-03	+4.87e-02	-1.99e-03	-9.32e-04	-1.24e-05	+1.62e-05
58	-1.92e-03	+4.60e-02	-2.06e-03	-9.10e-04	-1.24e-05	+4.20e-06
59	-1.85e-03	+3.63e-02	-2.06e-03	-8.40e-04	-1.32e-05	-3.19e-05
60	-1.72e-03	+1.14e-02	-2.29e-03	-6.80e-04	-9.54e-06	-3.70e-05
61	-7.24e-03	+4.72e-02	-2.58e-03	+1.05e-03	+2.02e-05	+4.05e-05
62	-7.09e-03	+5.02e-02	-2.57e-03	+1.05e-03	+2.03e-05	+2.42e-05
63	-6.92e-03	+4.90e-02	-2.58e-03	+1.05e-03	+1.72e-05	+1.37e-05
64	-6.71e-03	+4.63e-02	-2.57e-03	+1.05e-03	+1.59e-05	+3.01e-06
65	-6.47e-03	+3.66e-02	-2.56e-03	+1.06e-03	+1.87e-05	-4.16e-05
66	-6.21e-03	+1.16e-02	-2.52e-03	+1.02e-03	-3.38e-05	-3.43e-05
67	-2.85e-03	+5.91e-03	-3.06e-03	-9.20e-04	+4.48e-04	+9.12e-07
68	+7.90e-04	+2.99e-03	-3.97e-03	-1.29e-03	+6.20e-04	-9.94e-06
69	-7.93e-08	+2.81e-08	-5.44e-07	+7.06e-07	-2.34e-07	-1.61e-07
70	-6.89e-03	+6.97e-03	-2.27e-03	+6.38e-04	-2.18e-04	+2.90e-05
71	-6.54e-03	+4.37e-03	-3.36e-03	+1.20e-03	-4.07e-04	+8.03e-05
72	+6.28e-10	+1.58e-08	-3.32e-07	-5.71e-07	-1.01e-08	+7.66e-09
73	-6.75e-03	+5.10e-03	-6.88e-03	+1.18e-03	+1.36e-04	+3.81e-05
74	-1.84e-03	+1.42e-03	-4.53e-03	-3.52e-04	+1.17e-03	+8.44e-05
75	-5.53e-03	+1.59e-03	-3.37e-03	-2.09e-04	+7.82e-04	+1.33e-05
76	-4.96e-03	+7.33e-03	-3.55e-03	+1.02e-03	-6.92e-04	+5.36e-05
77	-5.92e-03	+8.62e-03	-2.37e-03	+4.99e-04	-3.92e-04	+3.27e-05
78	+4.57e-09	+1.36e-08	-3.46e-07	-5.10e-07	+1.27e-07	+8.65e-09
79	-1.55e-03	+6.24e-04	-1.56e-03	-7.90e-04	+4.67e-04	+8.53e-06
80	-6.95e-03	+4.70e-03	-3.11e-03	+8.07e-04	-7.69e-04	+1.37e-05
81	-4.64e-03	+3.01e-03	-1.31e-03	-5.59e-04	+3.46e-04	+1.70e-06
82	-7.71e-03	+5.73e-03	-2.10e-03	+4.31e-04	-4.47e-04	-9.03e-07
83	-9.92e-09	-1.01e-08	-1.93e-07	+3.15e-07	-3.43e-07	+4.50e-10
84	+4.95e-09	+1.11e-08	-3.08e-07	-4.06e-07	+1.27e-07	-2.39e-10
85	-8.62e-03	+4.31e-03	-4.58e-03	+6.98e-04	+6.95e-05	+9.75e-06
86	-5.07e-09	-1.73e-08	-5.36e-07	+2.23e-07	-8.43e-07	+1.60e-07
87	-5.92e-09	+1.59e-08	-6.68e-07	-5.57e-07	-2.38e-07	+2.58e-09
88	-2.85e-03	+1.12e-02	-5.48e-03	+2.20e-05	-1.20e-03	+8.61e-06
89	+2.04e-03	+7.56e-03	-6.20e-03	-1.52e-03	-1.49e-04	+6.42e-05
90	-4.47e-03	+2.82e-03	-4.15e-03	-8.53e-04	-1.12e-04	+3.12e-05
91	-7.56e-03	+5.56e-03	-3.82e-03	+6.02e-06	-8.46e-04	+1.86e-05
92	+4.28e-08	-1.01e-07	-8.63e-07	+2.62e-07	-6.85e-08	+3.42e-08
93	+4.29e-08	+3.57e-08	-5.16e-07	-2.69e-07	+6.11e-07	-1.53e-07
94	-8.11e-03	+3.88e-03	-2.17e-03	+3.18e-04	+4.44e-04	-2.26e-06
95	-7.01e-03	+5.20e-03	-2.55e-03	-4.21e-04	-5.21e-04	-4.24e-07
96	-5.31e-03	+1.54e-03	-4.56e-03	-1.92e-04	+6.47e-04	+2.64e-05
97	-4.16e-03	+2.95e-03	-4.21e-03	-8.25e-04	-2.47e-04	-3.31e-05
98	-9.38e-03	+7.14e-03	-3.22e-03	+6.61e-04	+9.03e-04	+1.66e-05
99	-5.76e-03	+1.29e-02	-4.02e-03	-6.26e-04	-8.45e-04	-3.80e-05
100	+3.45e-04	-9.50e-04	-6.84e-03	-2.80e-04	+1.10e-03	+3.47e-05
101	+4.04e-03	+4.86e-03	-6.28e-03	-1.14e-03	-4.39e-04	-6.41e-05
102	-2.36e-09	-2.09e-08	-3.98e-07	+1.66e-07	+3.19e-07	-1.83e-07
103	+3.17e-09	-1.51e-08	-6.27e-07	+1.37e-07	+2.72e-07	-3.73e-08
104	-1.33e-08	+8.03e-09	-3.18e-07	-2.92e-07	-4.80e-07	-5.98e-10
105	-1.63e-08	-3.27e-09	-6.65e-07	+9.76e-08	-5.60e-07	+6.98e-09
106	-1.42e-02	-2.41e-02	-2.24e-03	+7.05e-04	-3.07e-04	-7.69e-05
107	-2.13e-02	-2.12e-02	-2.63e-03	-9.65e-04	+6.78e-04	-8.64e-05
108	-1.35e-03	-8.05e-03	-3.32e-03	+8.78e-04	-3.33e-04	-8.60e-05
109	-3.52e-03	-6.68e-03	-3.85e-03	-8.07e-04	+5.27e-04	-8.29e-05
110	-1.25e-08	+4.13e-10	-3.39e-07	+5.18e-07	-1.02e-07	+4.44e-08
111	-9.64e-02	-1.18e-01	-3.36e-04	-9.65e-04	+7.75e-04	-8.64e-05
113	-1.80e-02	-2.77e-02	-3.58e-03	-9.58e-04	+4.77e-04	+5.56e-05

Fascicolo dei Calcoli
(Par. 10.1. Caratteristiche generali – D.M. Infrastrutture 17 gennaio 2018)

Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
115	-2.04e-02	-3.13e-02	-3.69e-03	-9.09e-04	+5.56e-04	-6.61e-05
117	-2.80e-02	-3.13e-02	-2.51e-03	-9.00e-04	+5.29e-04	+5.40e-05
119	-3.14e-02	-3.60e-02	-2.57e-03	-9.23e-04	+5.82e-04	-5.97e-05
122	-8.82e-02	-1.21e-01	-3.20e-04	-9.00e-04	+6.26e-04	+5.40e-05
123	-9.70e-02	-1.28e-01	-3.29e-04	-9.23e-04	+6.79e-04	-5.97e-05
124	-2.12e-02	-3.41e-02	-2.29e-03	+7.57e-04	-4.04e-04	+4.61e-05
125	-1.59e-02	-2.91e-02	-3.41e-03	+8.04e-04	-4.96e-04	+7.93e-05
126	-1.83e-02	-3.26e-02	-3.44e-03	+7.79e-04	-4.92e-04	-1.72e-05
127	-2.44e-02	-3.89e-02	-2.31e-03	+7.84e-04	-4.25e-04	-4.92e-05
128	+2.48e-03	-2.24e-03	-3.27e-03	+8.24e-04	-4.92e-04	+1.16e-04
129	+6.37e-03	+3.49e-03	-3.31e-03	+7.75e-04	-4.85e-04	-2.73e-07
130	+1.31e-03	-1.38e-03	-2.19e-03	+5.51e-04	-2.81e-04	+4.70e-05
131	+2.33e-03	+1.13e-04	-2.22e-03	+5.41e-04	-3.03e-04	-3.24e-05
132	-9.61e-09	+6.58e-09	-3.56e-07	+3.82e-07	-3.96e-08	+8.52e-08
133	-6.77e-09	+7.39e-09	-3.51e-07	+2.48e-07	+4.41e-08	+1.72e-07
134	+5.24e-09	+1.06e-08	-3.21e-07	-3.43e-07	+1.99e-07	+1.24e-08
135	+6.10e-09	+1.10e-08	-3.25e-07	-3.66e-07	+2.34e-07	-8.57e-09

MASSIME DEFORMAZIONI NODALI

	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z	DLMax
Deform. nodali	-9.70e-02	+1.56e-01	-9.15e-03	-1.52e-03	-1.20e-03	+1.16e-04	+1.61e-01
Nodo	123	33	13	89	88	128	123

COMBINAZIONE DI CARICO: 9 - DESCRIZIONE: RARA 03

Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
1	-1.11e-09	-1.19e-09	-3.20e-07	+2.23e-08	+5.81e-07	-7.50e-08
2	+8.60e-10	+1.21e-08	-3.28e-07	-4.00e-07	+4.28e-08	+6.83e-09
3	-6.09e-09	+1.31e-08	-6.26e-07	-4.58e-07	-1.87e-07	+5.02e-09
4	-4.42e-09	-9.80e-09	-5.76e-07	+3.02e-07	-1.06e-07	+1.08e-08
5	+1.23e-08	+1.06e-08	-4.50e-07	+1.40e-08	+4.33e-07	-1.43e-07
6	-7.57e-09	+1.06e-09	-2.39e-07	-5.82e-08	-2.37e-07	-1.60e-09
7	+7.30e-09	+1.50e-08	-5.67e-07	-5.34e-07	+2.54e-07	+1.98e-08
8	-3.16e-08	-2.40e-09	-9.58e-07	+9.38e-09	+4.88e-07	-6.45e-08
9	-4.62e-08	+2.66e-09	-3.57e-07	-5.01e-07	+2.77e-07	-1.46e-08
10	+3.15e-04	+1.66e-01	-3.24e-04	+1.16e-03	+1.62e-05	+1.07e-04
11	-2.13e-04	+4.77e-02	-3.62e-03	+1.04e-03	+4.61e-05	+1.05e-04
12	+1.63e-03	+4.80e-02	-2.91e-03	-9.19e-04	-1.70e-05	+7.01e-05
13	+1.56e-03	+1.46e-02	-9.35e-03	-2.67e-04	-5.08e-04	-9.13e-06
14	-1.20e-04	+1.44e-02	-5.80e-03	+9.25e-04	-5.46e-04	+5.56e-05
15	-6.30e-05	+1.54e-02	-2.40e-03	-1.51e-04	+7.32e-04	-1.10e-05
16	+4.43e-03	+1.47e-02	-4.73e-03	-5.51e-04	-7.00e-04	-1.73e-05
17	+4.54e-03	+1.56e-02	-5.92e-03	-1.10e-03	+5.37e-04	+4.00e-05
18	+1.86e-03	+1.54e-02	-6.46e-03	+7.79e-04	+5.27e-04	+4.12e-05
19	+1.83e-03	+3.36e-03	-3.35e-03	+9.71e-04	-6.97e-05	+5.36e-05
20	+4.54e-03	+3.64e-03	-3.10e-03	-1.15e-03	-9.55e-05	+6.83e-05
21	+2.09e-03	+2.15e-03	-2.24e-03	+5.04e-04	-4.34e-07	+2.58e-05
22	+5.87e-03	+2.06e-03	-2.08e-03	-6.02e-04	+1.18e-05	+2.77e-05
23	+1.90e-03	+5.77e-03	-1.63e-03	-1.12e-04	+4.10e-04	-6.07e-06
24	+2.09e-03	+5.76e-03	-4.29e-03	+4.82e-04	+3.42e-04	+1.90e-05
25	+5.88e-03	+5.63e-03	-3.95e-03	-6.44e-04	+3.35e-04	+4.08e-05
26	+1.82e-03	+7.62e-03	-3.88e-03	+5.39e-04	-3.23e-04	+7.48e-05
27	+2.60e-03	+7.45e-03	-6.23e-03	-2.64e-04	-3.02e-04	+3.68e-05
28	+5.97e-03	+7.39e-03	-3.17e-03	-3.13e-04	-3.19e-04	-4.96e-05
29	+1.93e-03	+5.29e-02	-2.53e-03	+1.06e-03	+1.62e-05	+1.07e-04
30	+2.62e-03	+5.25e-02	-2.03e-03	-9.37e-04	+2.93e-05	+9.88e-05
31	+3.14e-03	+1.84e-01	-3.32e-04	+1.18e-03	-1.03e-05	+2.92e-05
32	-4.88e-08	+6.81e-09	-3.53e-07	-7.56e-07	+2.70e-07	-1.61e-08
33	+3.48e-03	+1.88e-01	-3.32e-04	+1.18e-03	-1.18e-05	+6.21e-06
34	+1.03e-09	+8.15e-09	-2.31e-07	-7.50e-07	+5.18e-08	+1.51e-09

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Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
35	+3.95e-03	+1.87e-01	-3.33e-04	+1.17e-03	-1.45e-05	-6.17e-06
36	+5.83e-08	+7.74e-09	-3.53e-07	-8.14e-07	-1.61e-07	+2.07e-08
37	+4.30e-03	+1.84e-01	-3.32e-04	+1.18e-03	-1.60e-05	-2.40e-05
38	+5.43e-08	+6.75e-09	-3.55e-07	-7.55e-07	-1.76e-07	+2.44e-08
39	+4.07e-03	+1.72e-01	-3.29e-04	+1.20e-03	-1.17e-05	-8.19e-05
40	+4.93e-08	+3.18e-09	-3.48e-07	-5.34e-07	-1.72e-07	+2.26e-08
41	+1.04e-02	+1.38e-01	-3.21e-04	+1.18e-03	-7.31e-05	-7.91e-05
42	-5.01e-08	+1.33e-08	-5.97e-07	+2.88e-07	-2.01e-07	-1.78e-07
43	-3.04e-04	+6.81e-02	-3.72e-03	+1.02e-03	-2.28e-05	+4.73e-05
44	-3.89e-04	+7.41e-02	-3.71e-03	+9.94e-04	-1.17e-05	+1.00e-05
45	-4.80e-04	+7.41e-02	-3.73e-03	+1.01e-03	-1.01e-05	-1.21e-05
46	-5.79e-04	+6.85e-02	-3.72e-03	+1.02e-03	-1.34e-05	-3.94e-05
47	-6.98e-04	+4.79e-02	-3.69e-03	+1.07e-03	-8.42e-06	-1.20e-04
48	-8.69e-04	+2.03e-03	-3.61e-03	+1.19e-03	-6.67e-05	-6.04e-05
49	+1.18e-03	+6.84e-02	-2.81e-03	-9.65e-04	-6.86e-05	+2.19e-05
50	+1.53e-04	+7.44e-02	-1.99e-03	-9.32e-04	-1.02e-05	+8.64e-06
51	-7.94e-04	+7.44e-02	-2.70e-03	-9.80e-04	+3.98e-05	+8.82e-06
52	-1.11e-03	+6.88e-02	-2.79e-03	-9.71e-04	+2.98e-05	-1.93e-05
53	-8.44e-04	+4.82e-02	-2.74e-03	-9.42e-04	+3.90e-05	-7.33e-05
54	+9.40e-05	+2.27e-03	-3.43e-03	-1.02e-03	-1.54e-05	-4.71e-05
55	+2.61e-03	+6.81e-02	-1.98e-03	-1.06e-03	+1.18e-05	+2.50e-05
56	+2.59e-03	+7.24e-02	-1.57e-03	-1.10e-03	+1.28e-06	+5.69e-06
57	+2.60e-03	+7.18e-02	-1.92e-03	-1.09e-03	-9.14e-06	-3.74e-06
58	+2.65e-03	+6.82e-02	-1.97e-03	-1.06e-03	-8.76e-06	-2.17e-05
59	+2.74e-03	+5.48e-02	-1.95e-03	-9.57e-04	-8.95e-06	-6.90e-05
60	+2.92e-03	+2.18e-02	-2.30e-03	-7.28e-04	-1.52e-06	-8.19e-05
61	+2.11e-03	+6.85e-02	-2.60e-03	+1.08e-03	-1.03e-05	+2.92e-05
62	+2.30e-03	+7.27e-02	-2.60e-03	+1.08e-03	-1.18e-05	+6.21e-06
63	+2.50e-03	+7.22e-02	-2.60e-03	+1.08e-03	-1.45e-05	-6.17e-06
64	+2.70e-03	+6.86e-02	-2.59e-03	+1.08e-03	-1.60e-05	-2.40e-05
65	+2.91e-03	+5.51e-02	-2.58e-03	+1.10e-03	-1.17e-05	-8.19e-05
66	+3.09e-03	+2.21e-02	-2.51e-03	+1.09e-03	-7.31e-05	-7.91e-05
67	+6.82e-04	+1.14e-02	-3.07e-03	-9.29e-04	+4.53e-04	-2.78e-05
68	+1.40e-03	+5.24e-03	-4.00e-03	-1.28e-03	+6.09e-04	-2.59e-05
69	-8.62e-08	+3.78e-08	-5.59e-07	+5.62e-07	-1.34e-07	-1.47e-07
70	+1.21e-03	+1.14e-02	-2.25e-03	+6.28e-04	-1.93e-04	-1.62e-05
71	-3.91e-04	+5.37e-03	-3.33e-03	+1.23e-03	-4.29e-04	+2.69e-05
72	+4.42e-09	+1.84e-08	-3.30e-07	-6.70e-07	+1.55e-07	-4.28e-09
73	+2.91e-03	+1.08e-02	-6.89e-03	+1.18e-03	+1.34e-04	-9.58e-06
74	+3.78e-03	+1.04e-02	-4.63e-03	-3.55e-04	+1.17e-03	+2.33e-05
75	-7.49e-04	+8.76e-03	-3.41e-03	-2.48e-04	+8.07e-04	-1.59e-05
76	-3.95e-05	+6.10e-03	-3.55e-03	+1.06e-03	-7.12e-04	+2.48e-05
77	+1.13e-03	+1.12e-02	-2.37e-03	+4.92e-04	-3.75e-04	+4.71e-06
78	+8.09e-09	+1.55e-08	-3.47e-07	-5.74e-07	+2.76e-07	+1.25e-09
79	+5.70e-03	+1.20e-02	-1.55e-03	-8.11e-04	+4.79e-04	+2.54e-06
80	+4.36e-03	+1.28e-02	-3.12e-03	+8.07e-04	-7.72e-04	+4.96e-06
81	+7.70e-04	+1.11e-02	-1.30e-03	-6.05e-04	+3.75e-04	-8.69e-06
82	+1.14e-03	+1.10e-02	-2.11e-03	+3.93e-04	-4.02e-04	-1.30e-05
83	-7.31e-09	-6.79e-09	-1.91e-07	+1.65e-07	-2.37e-07	-2.30e-09
84	+8.64e-09	+1.35e-08	-3.10e-07	-5.05e-07	+2.94e-07	-3.44e-09
85	-4.32e-04	+8.68e-03	-4.59e-03	+6.76e-04	+9.83e-05	-1.26e-05
86	-7.83e-09	-1.02e-08	-5.29e-07	+5.15e-08	-7.23e-07	+1.31e-07
87	-2.17e-09	+1.83e-08	-6.69e-07	-6.48e-07	-7.49e-08	-3.33e-09
88	+1.13e-03	+8.66e-03	-5.59e-03	+3.92e-05	-1.21e-03	-3.97e-05
89	+1.99e-03	+8.31e-03	-6.21e-03	-1.49e-03	-1.73e-04	-8.62e-06
90	-1.70e-03	+7.06e-03	-4.16e-03	-8.63e-04	-1.06e-04	-8.55e-06
91	-1.39e-03	+7.02e-03	-3.88e-03	+1.56e-05	-8.27e-04	-6.38e-06
92	+4.46e-08	-9.25e-08	-8.47e-07	+1.43e-07	+2.44e-08	-6.49e-09
93	+5.13e-08	+4.39e-08	-5.16e-07	-3.27e-07	+7.48e-07	-1.64e-07
94	-1.03e-03	+9.16e-03	-2.16e-03	+2.93e-04	+4.81e-04	-1.32e-05

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Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
95	-1.93e-03	+7.56e-03	-2.62e-03	-4.16e-04	-5.03e-04	-1.40e-05
96	+2.01e-03	+6.65e-03	-4.55e-03	-2.12e-04	+6.74e-04	+4.38e-06
97	+1.14e-03	+5.14e-03	-4.28e-03	-8.23e-04	-2.36e-04	-3.56e-05
98	-1.99e-04	+1.32e-02	-3.21e-03	+6.68e-04	+9.03e-04	-1.66e-05
99	-2.28e-03	+1.07e-02	-4.15e-03	-5.99e-04	-8.57e-04	-7.32e-05
100	+7.96e-03	+6.41e-03	-6.84e-03	-2.83e-04	+1.10e-03	-6.10e-06
101	+5.94e-03	+3.94e-03	-6.41e-03	-1.13e-03	-4.60e-04	-8.30e-05
102	+5.73e-09	-1.23e-08	-3.98e-07	+9.30e-08	+4.33e-07	-1.91e-07
103	+6.19e-09	-1.29e-08	-6.36e-07	+6.55e-08	+3.91e-07	-4.20e-08
104	-1.02e-08	+1.07e-08	-3.17e-07	-4.00e-07	-3.44e-07	-3.50e-09
105	-1.29e-08	-6.06e-10	-6.64e-07	-9.21e-09	-4.13e-07	+1.16e-09
106	-7.23e-03	-1.56e-02	-2.21e-03	+6.69e-04	-2.84e-04	-4.08e-05
107	-1.22e-02	-1.36e-02	-2.53e-03	-8.73e-04	+5.91e-04	-4.50e-05
108	-6.85e-04	-7.28e-03	-3.29e-03	+9.42e-04	-3.98e-04	-2.64e-05
109	-9.51e-04	-6.83e-03	-3.66e-03	-7.93e-04	+5.02e-04	-2.34e-05
110	-3.73e-09	+1.15e-08	-3.50e-07	+3.09e-07	+7.16e-08	+1.09e-07
111	-7.13e-02	-9.36e-02	-3.23e-04	-7.76e-04	+5.91e-04	-4.50e-05
113	-8.01e-04	-6.46e-03	-3.56e-03	-9.88e-04	+4.94e-04	+3.33e-05
115	-4.47e-03	-1.19e-02	-3.68e-03	-9.35e-04	+5.68e-04	-1.43e-05
117	-1.23e-02	-1.40e-02	-2.49e-03	-8.64e-04	+4.92e-04	+3.55e-05
119	-1.58e-02	-1.90e-02	-2.56e-03	-8.70e-04	+5.38e-04	-2.65e-05
122	-6.15e-02	-9.30e-02	-3.18e-04	-7.67e-04	+4.92e-04	+3.55e-05
123	-6.96e-02	-9.87e-02	-3.27e-04	-7.73e-04	+5.38e-04	-2.65e-05
124	-7.45e-03	-1.59e-02	-2.32e-03	+6.41e-04	-3.20e-04	+3.30e-05
125	-4.85e-04	-6.93e-03	-3.46e-03	+8.01e-04	-5.00e-04	+7.87e-05
126	-4.19e-03	-1.24e-02	-3.47e-03	+7.92e-04	-5.06e-04	+4.46e-05
127	-1.09e-02	-2.10e-02	-2.33e-03	+6.73e-04	-3.44e-04	-1.84e-05
128	+8.33e-03	+5.95e-03	-3.32e-03	+8.19e-04	-4.93e-04	+6.63e-05
129	+6.55e-03	+3.40e-03	-3.30e-03	+7.96e-04	-5.13e-04	-3.39e-05
130	+6.68e-03	+4.64e-03	-2.22e-03	+5.13e-04	-2.50e-04	+1.81e-05
131	+5.69e-03	+3.20e-03	-2.21e-03	+5.36e-04	-2.95e-04	-3.69e-05
132	-2.73e-09	+1.19e-08	-3.57e-07	+2.98e-08	+2.30e-07	+1.45e-07
133	+5.57e-10	+1.21e-08	-3.52e-07	-8.37e-08	+3.00e-07	+1.90e-07
134	+7.80e-09	+1.33e-08	-3.26e-07	-4.56e-07	+3.04e-07	+4.78e-09
135	+8.32e-09	+1.32e-08	-3.24e-07	-4.42e-07	+3.14e-07	-9.75e-09

MASSIME DEFORMAZIONI NODALI

	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z	DLMax
Deform. nodali	-7.13e-02	+1.88e-01	-9.35e-03	-1.49e-03	-1.21e-03	-1.20e-04	+1.88e-01
Nodo	111	33	13	89	88	47	33

COMBINAZIONE DI CARICO: 10 - DESCRIZIONE: RARA 04

Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
1	-2.77e-09	-1.84e-08	-3.40e-07	+6.93e-08	+5.66e-07	-7.63e-08
2	+5.15e-10	+1.01e-08	-3.10e-07	-3.61e-07	+2.40e-08	+4.15e-09
3	-6.47e-09	+9.64e-09	-6.26e-07	-3.46e-07	-2.07e-07	+4.59e-09
4	-4.57e-09	-1.31e-08	-5.77e-07	+4.07e-07	-1.13e-07	+1.20e-08
5	+1.20e-08	-2.55e-08	-5.03e-07	+7.13e-08	+4.18e-07	-1.35e-07
6	-7.67e-09	-2.28e-09	-2.38e-07	+4.83e-08	-2.41e-07	+2.76e-09
7	+7.12e-09	+1.27e-08	-5.67e-07	-4.81e-07	+2.45e-07	+1.34e-08
8	-3.41e-08	-5.21e-09	-9.08e-07	+1.16e-07	+4.83e-07	-1.32e-07
9	-4.95e-08	-8.84e-09	-3.61e-07	+1.25e-07	+2.69e-07	-1.28e-07
10	-5.58e-04	+1.13e-01	-3.21e-04	+8.85e-04	+2.14e-05	+3.19e-05
11	+5.29e-04	+1.19e-02	-3.60e-03	+1.09e-03	+5.11e-05	+1.60e-05
12	+1.51e-03	+1.22e-02	-2.90e-03	-9.29e-04	-1.48e-05	-3.29e-05
13	+1.45e-03	+1.24e-02	-8.88e-03	-2.69e-04	-5.08e-04	-3.14e-05
14	+6.06e-04	+1.22e-02	-5.80e-03	+9.18e-04	-5.42e-04	+1.75e-05
15	+8.56e-04	+1.11e-02	-2.40e-03	-1.63e-04	+7.37e-04	-4.49e-07
16	+4.45e-03	+1.25e-02	-4.82e-03	-5.52e-04	-6.98e-04	+2.76e-06

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
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Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
17	+4.56e-03	+1.14e-02	-5.92e-03	-1.12e-03	+5.38e-04	+4.16e-05
18	+1.24e-03	+1.11e-02	-6.46e-03	+7.74e-04	+5.28e-04	+3.53e-05
19	+1.22e-03	+2.62e-03	-3.20e-03	+9.65e-04	-6.79e-05	+4.43e-05
20	+4.56e-03	+2.89e-03	-3.12e-03	-1.16e-03	-9.24e-05	+5.23e-05
21	+1.02e-03	+1.76e-03	-2.11e-03	+5.09e-04	-4.93e-06	+1.57e-05
22	+5.51e-03	+1.59e-03	-2.11e-03	-5.95e-04	+9.08e-06	+1.51e-05
23	+1.84e-03	+1.54e-03	-1.62e-03	-9.37e-05	+4.14e-04	+1.05e-05
24	+1.01e-03	+1.54e-03	-4.29e-03	+4.93e-04	+3.38e-04	+1.74e-05
25	+5.52e-03	+1.40e-03	-3.95e-03	-6.22e-04	+3.35e-04	+4.52e-05
26	+1.47e-03	+6.43e-03	-3.88e-03	+5.46e-04	-3.21e-04	+5.06e-05
27	+2.26e-03	+6.32e-03	-5.86e-03	-2.53e-04	-3.05e-04	+2.16e-05
28	+5.61e-03	+6.15e-03	-3.26e-03	-3.01e-04	-3.18e-04	-2.86e-05
29	+1.58e-03	+2.21e-02	-2.51e-03	+9.82e-04	+2.14e-05	+3.19e-05
30	+2.24e-03	+2.19e-02	-2.03e-03	-7.43e-04	+2.96e-05	+2.85e-05
31	+2.26e-03	+1.20e-01	-3.27e-04	+9.17e-04	-5.45e-06	+1.13e-05
32	-5.38e-08	-7.94e-09	-3.60e-07	+7.02e-08	+2.62e-07	-1.18e-07
33	+2.55e-03	+1.23e-01	-3.25e-04	+9.26e-04	-6.84e-06	+1.79e-06
34	+8.80e-10	-6.15e-09	-2.35e-07	-2.04e-09	+4.43e-08	+4.49e-10
35	+2.95e-03	+1.20e-01	-3.27e-04	+9.17e-04	-9.43e-06	-6.54e-06
36	+5.52e-08	-7.86e-09	-3.60e-07	+6.49e-08	-1.69e-07	+1.20e-07
37	+3.23e-03	+1.19e-01	-3.26e-04	+9.17e-04	-1.07e-05	-9.99e-06
38	+5.03e-08	-8.40e-09	-3.64e-07	+9.46e-08	-1.84e-07	+1.33e-07
39	+2.98e-03	+1.13e-01	-3.26e-04	+9.17e-04	-6.65e-06	-3.49e-05
40	+4.20e-08	-9.85e-09	-3.57e-07	+1.84e-07	-1.81e-07	+1.33e-07
41	+8.76e-03	+9.45e-02	-3.23e-04	+8.68e-04	-6.30e-05	-2.57e-05
42	-5.66e-08	+3.87e-09	-5.71e-07	+6.94e-07	-2.01e-07	-9.51e-08
43	+4.20e-04	+1.50e-02	-3.67e-03	+1.10e-03	-1.78e-05	+2.08e-05
44	+3.05e-04	+1.71e-02	-3.65e-03	+1.08e-03	-6.61e-06	-2.31e-07
45	+1.87e-04	+1.57e-02	-3.66e-03	+1.10e-03	-4.87e-06	-1.99e-05
46	+7.21e-05	+1.33e-02	-3.66e-03	+1.11e-03	-8.04e-06	-2.59e-05
47	-4.33e-05	+5.93e-03	-3.66e-03	+1.12e-03	-2.83e-06	-5.42e-05
48	-1.71e-04	-7.69e-03	-3.64e-03	+1.17e-03	-6.04e-05	-1.79e-06
49	+1.05e-03	+1.53e-02	-2.81e-03	-9.50e-04	-6.72e-05	-3.65e-05
50	-8.45e-06	+1.74e-02	-2.02e-03	-8.72e-04	-8.98e-06	-1.36e-07
51	-1.08e-03	+1.60e-02	-2.81e-03	-9.52e-04	+4.08e-05	+3.70e-05
52	-1.58e-03	+1.36e-02	-2.95e-03	-9.53e-04	+3.00e-05	+2.30e-05
53	-1.60e-03	+6.24e-03	-2.96e-03	-9.52e-04	+3.64e-05	+9.94e-06
54	-1.14e-03	-7.42e-03	-3.41e-03	-1.09e-03	-9.95e-06	+2.18e-05
55	+2.23e-03	+2.54e-02	-1.99e-03	-7.78e-04	+1.13e-05	+4.95e-06
56	+2.21e-03	+2.75e-02	-1.60e-03	-8.03e-04	+8.31e-07	+1.70e-06
57	+2.21e-03	+2.58e-02	-1.99e-03	-7.81e-04	-1.01e-05	-8.01e-07
58	+2.25e-03	+2.41e-02	-2.06e-03	-7.68e-04	-1.03e-05	-6.19e-06
59	+2.33e-03	+1.88e-02	-2.07e-03	-7.29e-04	-1.09e-05	-2.62e-05
60	+2.47e-03	+5.02e-03	-2.29e-03	-6.46e-04	-1.10e-05	-2.13e-05
61	+1.72e-03	+2.57e-02	-2.56e-03	+1.01e-03	-5.45e-06	+1.13e-05
62	+1.86e-03	+2.78e-02	-2.55e-03	+1.02e-03	-6.84e-06	+1.79e-06
63	+2.01e-03	+2.61e-02	-2.56e-03	+1.01e-03	-9.43e-06	-6.54e-06
64	+2.16e-03	+2.44e-02	-2.55e-03	+1.01e-03	-1.07e-05	-9.99e-06
65	+2.31e-03	+1.91e-02	-2.55e-03	+1.01e-03	-6.65e-06	-3.49e-05
66	+2.46e-03	+5.27e-03	-2.53e-03	+9.65e-04	-6.30e-05	-2.57e-05
67	+2.17e-03	+3.20e-03	-3.13e-03	-9.13e-04	+4.54e-04	-9.68e-06
68	+1.41e-03	+2.45e-03	-4.13e-03	-1.31e-03	+6.00e-04	-3.48e-05
69	-6.41e-08	+1.77e-08	-5.39e-07	+7.74e-07	-1.12e-07	-1.64e-07
70	+2.20e-03	+3.35e-03	-2.26e-03	+6.40e-04	-1.90e-04	+1.99e-06
71	+1.57e-03	+2.09e-03	-3.36e-03	+1.19e-03	-4.16e-04	+2.61e-05
72	+4.76e-09	+1.34e-08	-3.30e-07	-4.82e-07	+1.72e-07	+5.27e-10
73	-1.04e-03	-1.42e-03	-6.88e-03	+1.17e-03	+1.28e-04	+1.12e-05
74	-2.16e-03	-1.63e-04	-4.39e-03	-3.62e-04	+1.16e-03	+6.91e-05
75	-1.56e-03	-2.62e-03	-3.30e-03	-2.02e-04	+7.81e-04	+4.38e-06
76	+1.51e-03	+2.01e-03	-3.55e-03	+1.02e-03	-7.02e-04	-9.52e-06

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Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
77	+2.23e-03	+3.35e-03	-2.38e-03	+5.14e-04	-3.77e-04	-4.17e-06
78	+8.56e-09	+1.08e-08	-3.48e-07	-3.97e-07	+2.98e-07	-1.10e-09
79	-1.45e-03	-3.17e-04	-1.56e-03	-8.04e-04	+4.49e-04	-2.04e-05
80	-8.21e-04	-1.18e-03	-3.11e-03	+7.95e-04	-7.82e-04	-1.23e-05
81	-4.13e-04	-8.36e-04	-1.31e-03	-5.53e-04	+3.49e-04	-1.71e-05
82	-4.05e-04	-6.42e-04	-2.10e-03	+4.54e-04	-4.25e-04	-1.59e-05
83	-7.25e-09	-1.26e-08	-1.94e-07	+4.06e-07	-2.43e-07	-4.52e-09
84	+8.48e-09	+7.98e-09	-3.07e-07	-2.76e-07	+2.78e-07	-4.19e-09
85	-1.59e-03	-2.41e-03	-4.58e-03	+7.19e-04	+8.56e-05	-1.85e-06
86	+4.38e-09	-2.47e-08	-5.43e-07	+3.32e-07	-7.43e-07	+1.58e-07
87	-2.39e-09	+1.26e-08	-6.68e-07	-4.18e-07	-8.99e-08	-4.89e-10
88	+3.77e-03	+6.03e-03	-5.52e-03	+1.03e-05	-1.21e-03	-3.17e-05
89	+2.65e-03	+7.26e-03	-6.18e-03	-1.55e-03	-1.81e-04	+3.74e-05
90	-1.24e-04	-8.43e-04	-4.15e-03	-8.45e-04	-1.03e-04	+1.58e-05
91	-1.60e-04	-5.94e-04	-3.84e-03	+3.29e-05	-8.14e-04	+1.88e-06
92	+5.13e-08	-1.06e-07	-8.70e-07	+3.75e-07	+5.16e-08	+1.31e-08
93	+4.87e-08	+3.52e-08	-5.16e-07	-1.24e-07	+7.84e-07	-1.87e-07
94	+7.05e-04	-4.31e-03	-2.15e-03	+3.72e-04	+4.97e-04	-3.67e-06
95	+2.21e-03	-2.42e-03	-2.60e-03	-3.73e-04	-4.66e-04	-2.58e-06
96	+3.67e-03	-6.79e-03	-4.55e-03	-1.65e-04	+6.76e-04	+4.74e-05
97	+5.21e-03	-4.76e-03	-4.26e-03	-8.02e-04	-2.14e-04	-8.06e-06
98	+3.34e-03	-5.15e-03	-3.20e-03	+6.68e-04	+9.08e-04	+2.38e-05
99	+7.90e-03	+1.96e-03	-4.09e-03	-6.15e-04	-8.27e-04	-4.02e-05
100	+6.18e-03	-7.61e-03	-6.84e-03	-2.96e-04	+1.08e-03	+7.74e-05
101	+1.09e-02	-3.07e-04	-6.36e-03	-1.15e-03	-4.59e-04	-2.20e-05
102	+5.32e-09	-1.96e-08	-3.98e-07	+3.21e-07	+5.09e-07	-2.06e-07
103	+1.17e-09	-3.25e-08	-6.61e-07	+3.08e-07	+4.68e-07	-3.67e-08
104	-9.82e-09	+4.81e-09	-3.15e-07	-1.46e-07	-3.20e-07	-9.70e-10
105	-1.23e-08	-7.12e-09	-6.64e-07	+2.66e-07	-3.80e-07	+1.25e-08
106	-1.08e-02	-2.97e-02	-2.25e-03	+7.19e-04	-3.06e-04	-4.49e-05
107	-1.20e-02	-2.94e-02	-2.67e-03	-1.02e-03	+6.35e-04	-4.87e-05
108	-1.14e-03	-8.56e-03	-3.34e-03	+8.34e-04	-3.68e-04	-4.73e-05
109	+4.16e-03	-1.06e-02	-3.93e-03	-8.19e-04	+5.21e-04	-3.91e-05
110	-5.40e-09	-9.81e-09	-3.27e-07	+6.67e-07	+4.51e-09	+6.29e-08
111	-7.55e-02	-1.39e-01	-3.42e-04	-1.12e-03	+6.35e-04	-4.87e-05
113	-1.33e-02	-3.60e-02	-3.59e-03	-9.61e-04	+4.61e-04	+9.14e-05
115	-1.50e-02	-3.85e-02	-3.69e-03	-9.18e-04	+5.35e-04	-4.29e-05
117	-1.98e-02	-4.09e-02	-2.50e-03	-9.38e-04	+4.85e-04	+8.37e-05
119	-2.28e-02	-4.52e-02	-2.57e-03	-9.56e-04	+5.55e-04	-3.80e-05
122	-6.82e-02	-1.42e-01	-3.20e-04	-1.03e-03	+4.85e-04	+8.37e-05
123	-7.83e-02	-1.48e-01	-3.29e-04	-1.05e-03	+5.55e-04	-3.80e-05
124	-1.86e-02	-4.11e-02	-2.34e-03	+7.83e-04	-4.19e-04	+7.19e-05
125	-1.87e-02	-3.38e-02	-3.51e-03	+7.91e-04	-5.28e-04	+1.10e-04
126	-2.03e-02	-3.64e-02	-3.55e-03	+7.63e-04	-5.17e-04	+1.97e-06
127	-2.15e-02	-4.54e-02	-2.36e-03	+8.06e-04	-4.36e-04	-2.88e-05
128	+7.86e-04	-5.43e-03	-3.38e-03	+8.13e-04	-5.19e-04	+1.48e-04
129	+5.79e-03	+1.87e-03	-2.92e-03	+7.56e-04	-5.17e-04	+4.22e-05
130	+4.64e-03	-7.10e-03	-2.24e-03	+5.66e-04	-2.85e-04	+7.15e-05
131	+6.09e-03	-5.00e-03	-2.02e-03	+5.52e-04	-3.00e-04	-2.31e-09
132	-1.59e-09	-6.92e-10	-3.56e-07	+5.34e-07	+4.04e-08	+7.96e-08
133	+1.31e-09	-1.25e-11	-3.51e-07	+4.03e-07	+1.21e-07	+1.72e-07
134	+7.69e-09	+7.62e-09	-3.29e-07	-2.20e-07	+2.86e-07	+1.89e-08
135	+8.57e-09	+8.19e-09	-2.97e-07	-2.53e-07	+3.25e-07	-6.11e-13

MASSIME DEFORMAZIONI NODALI

	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z	DLMax
Deform. nodali	-7.83e-02	-1.48e-01	-8.88e-03	-1.55e-03	-1.21e-03	+1.48e-04	+1.67e-01
Nodo	123	123	13	89	88	128	123

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COMBINAZIONE DI CARICO: 11 - DESCRIZIONE: FREQUENTE 02

Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
1	-9.36e-09	-1.21e-08	-3.38e-07	+4.86e-08	+4.68e-07	-5.07e-08
2	-1.86e-09	+1.11e-08	-3.15e-07	-3.80e-07	-6.55e-08	+7.08e-09
3	-9.03e-09	+1.11e-08	-6.26e-07	-3.86e-07	-3.03e-07	+1.04e-08
4	-6.69e-09	-1.17e-08	-5.77e-07	+3.69e-07	-1.87e-07	+1.25e-08
5	+9.39e-09	-5.51e-09	-4.69e-07	+4.05e-08	+3.19e-07	-1.10e-07
6	-1.16e-08	-9.04e-10	-2.39e-07	+1.15e-08	-4.16e-07	+1.17e-08
7	+3.14e-09	+1.39e-08	-5.66e-07	-5.07e-07	+6.96e-08	+2.05e-08
8	-4.22e-08	-3.81e-09	-9.44e-07	+6.54e-08	+3.82e-07	-9.37e-08
9	-5.58e-08	-3.13e-09	-3.57e-07	-1.84e-07	+1.64e-07	-6.75e-08
10	-2.02e-02	+1.40e-01	-3.22e-04	+1.02e-03	+1.53e-04	+9.07e-05
11	-7.14e-03	+2.99e-02	-3.61e-03	+1.07e-03	+5.61e-05	+8.84e-05
12	+1.17e-03	+3.02e-02	-2.80e-03	-9.23e-04	+5.68e-06	+4.49e-05
13	+9.78e-04	+1.37e-02	-9.15e-03	-2.71e-04	-4.81e-04	-1.22e-06
14	-7.06e-03	+1.35e-02	-5.80e-03	+9.24e-04	-5.28e-04	+6.37e-05
15	-6.70e-03	+1.13e-02	-2.39e-03	-1.51e-04	+7.56e-04	+5.62e-05
16	+4.19e-03	+1.38e-02	-4.71e-03	-5.51e-04	-6.79e-04	+5.02e-06
17	+4.28e-03	+1.16e-02	-5.92e-03	-1.11e-03	+5.48e-04	+4.40e-05
18	+4.44e-04	+1.13e-02	-6.46e-03	+7.76e-04	+5.42e-04	+6.85e-05
19	+4.11e-04	+2.85e-03	-3.23e-03	+9.68e-04	-3.76e-05	+3.94e-05
20	+4.26e-03	+3.12e-03	-3.11e-03	-1.15e-03	-6.64e-05	+5.67e-05
21	-2.97e-03	+1.89e-03	-2.15e-03	+5.08e-04	-1.71e-05	+2.68e-05
22	+2.63e-03	+1.75e-03	-2.10e-03	-5.98e-04	+6.01e-06	+2.15e-05
23	-7.03e-03	+2.69e-03	-1.62e-03	-9.82e-05	+3.81e-04	+4.41e-05
24	-2.99e-03	+2.69e-03	-4.29e-03	+4.93e-04	+3.35e-04	+3.94e-05
25	+2.65e-03	+2.56e-03	-3.95e-03	-6.26e-04	+3.33e-04	+4.73e-05
26	-7.37e-03	+7.10e-03	-3.88e-03	+5.40e-04	-3.51e-04	+7.77e-05
27	-1.85e-03	+6.96e-03	-6.07e-03	-2.58e-04	-3.14e-04	+5.12e-05
28	+2.74e-03	+6.85e-03	-3.18e-03	-3.08e-04	-3.17e-04	-3.18e-05
29	-7.35e-03	+3.75e-02	-2.52e-03	+1.02e-03	+5.56e-05	+9.07e-05
30	-1.87e-03	+3.73e-02	-1.98e-03	-8.41e-04	+2.74e-05	+8.18e-05
31	-1.66e-02	+1.52e-01	-3.30e-04	+1.05e-03	+1.17e-04	+4.05e-05
32	-5.97e-08	-5.96e-10	-3.57e-07	-3.40e-07	+1.59e-07	-6.38e-08
33	-1.64e-02	+1.56e-01	-3.29e-04	+1.05e-03	+1.17e-04	+2.42e-05
34	-1.77e-09	+9.96e-10	-2.33e-07	-3.76e-07	-5.52e-08	+5.78e-09
35	-1.59e-02	+1.54e-01	-3.30e-04	+1.05e-03	+1.14e-04	+1.37e-05
36	+4.83e-08	-4.53e-11	-3.55e-07	-3.77e-07	-2.74e-07	+7.37e-08
37	-1.56e-02	+1.51e-01	-3.29e-04	+1.05e-03	+1.13e-04	+3.01e-06
38	+4.50e-08	-8.21e-10	-3.61e-07	-3.32e-07	-2.90e-07	+8.25e-08
39	-1.56e-02	+1.42e-01	-3.28e-04	+1.06e-03	+1.16e-04	-4.16e-05
40	+3.75e-08	-3.42e-09	-3.53e-07	-1.72e-07	-2.87e-07	+8.12e-08
41	-1.01e-02	+1.13e-01	-3.23e-04	+1.02e-03	+6.31e-05	-3.43e-05
42	-6.63e-08	+8.67e-09	-5.83e-07	+5.30e-07	-3.19e-07	-1.35e-07
43	-7.24e-03	+4.17e-02	-3.70e-03	+1.06e-03	-9.19e-06	+6.21e-05
44	-7.34e-03	+4.56e-02	-3.68e-03	+1.04e-03	+9.72e-07	+3.34e-05
45	-7.45e-03	+4.47e-02	-3.70e-03	+1.05e-03	+3.08e-06	+1.19e-05
46	-7.56e-03	+4.06e-02	-3.69e-03	+1.06e-03	-5.57e-07	-4.62e-06
47	-7.69e-03	+2.65e-02	-3.68e-03	+1.10e-03	+4.77e-06	-5.93e-05
48	-7.86e-03	-3.36e-03	-3.63e-03	+1.18e-03	-5.63e-05	-5.97e-06
49	+8.11e-04	+4.20e-02	-2.73e-03	-9.56e-04	-4.40e-05	+1.88e-05
50	-1.64e-04	+4.59e-02	-2.00e-03	-9.02e-04	+1.10e-05	+2.76e-05
51	-1.21e-03	+4.50e-02	-2.82e-03	-9.67e-04	+6.43e-05	+4.90e-05
52	-1.66e-03	+4.09e-02	-2.95e-03	-9.63e-04	+5.33e-05	+2.76e-05
53	-1.61e-03	+2.68e-02	-2.95e-03	-9.49e-04	+6.07e-05	-5.67e-06
54	-1.02e-03	-3.11e-03	-3.41e-03	-1.07e-03	+1.10e-05	+9.04e-06
55	-1.90e-03	+4.69e-02	-1.95e-03	-9.18e-04	+8.54e-06	+3.37e-05
56	-1.93e-03	+4.99e-02	-1.58e-03	-9.49e-04	-9.17e-07	+2.19e-05
57	-1.94e-03	+4.87e-02	-1.99e-03	-9.32e-04	-1.24e-05	+1.62e-05
58	-1.92e-03	+4.60e-02	-2.06e-03	-9.10e-04	-1.24e-05	+4.20e-06
59	-1.85e-03	+3.63e-02	-2.06e-03	-8.40e-04	-1.32e-05	-3.19e-05

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Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
60	-1.72e-03	+1.14e-02	-2.29e-03	-6.80e-04	-9.54e-06	-3.70e-05
61	-7.24e-03	+4.72e-02	-2.58e-03	+1.05e-03	+2.02e-05	+4.05e-05
62	-7.09e-03	+5.02e-02	-2.57e-03	+1.05e-03	+2.03e-05	+2.42e-05
63	-6.92e-03	+4.90e-02	-2.58e-03	+1.05e-03	+1.72e-05	+1.37e-05
64	-6.71e-03	+4.63e-02	-2.57e-03	+1.05e-03	+1.59e-05	+3.01e-06
65	-6.47e-03	+3.66e-02	-2.56e-03	+1.06e-03	+1.87e-05	-4.16e-05
66	-6.21e-03	+1.16e-02	-2.52e-03	+1.02e-03	-3.38e-05	-3.43e-05
67	-2.85e-03	+5.91e-03	-3.06e-03	-9.20e-04	+4.48e-04	+9.12e-07
68	+7.90e-04	+2.99e-03	-3.97e-03	-1.29e-03	+6.20e-04	-9.94e-06
69	-7.93e-08	+2.81e-08	-5.44e-07	+7.06e-07	-2.34e-07	-1.61e-07
70	-6.89e-03	+6.97e-03	-2.27e-03	+6.38e-04	-2.18e-04	+2.90e-05
71	-6.54e-03	+4.37e-03	-3.36e-03	+1.20e-03	-4.07e-04	+8.03e-05
72	+6.28e-10	+1.58e-08	-3.32e-07	-5.71e-07	-1.01e-08	+7.66e-09
73	-6.75e-03	+5.10e-03	-6.88e-03	+1.18e-03	+1.36e-04	+3.81e-05
74	-1.84e-03	+1.42e-03	-4.53e-03	-3.52e-04	+1.17e-03	+8.44e-05
75	-5.53e-03	+1.59e-03	-3.37e-03	-2.09e-04	+7.82e-04	+1.33e-05
76	-4.96e-03	+7.33e-03	-3.55e-03	+1.02e-03	-6.92e-04	+5.36e-05
77	-5.92e-03	+8.62e-03	-2.37e-03	+4.99e-04	-3.92e-04	+3.27e-05
78	+4.57e-09	+1.36e-08	-3.46e-07	-5.10e-07	+1.27e-07	+8.65e-09
79	-1.55e-03	+6.24e-04	-1.56e-03	-7.90e-04	+4.67e-04	+8.53e-06
80	-6.95e-03	+4.70e-03	-3.11e-03	+8.07e-04	-7.69e-04	+1.37e-05
81	-4.64e-03	+3.01e-03	-1.31e-03	-5.59e-04	+3.46e-04	+1.70e-06
82	-7.71e-03	+5.73e-03	-2.10e-03	+4.31e-04	-4.47e-04	-9.03e-07
83	-9.92e-09	-1.01e-08	-1.93e-07	+3.15e-07	-3.43e-07	+4.50e-10
84	+4.95e-09	+1.11e-08	-3.08e-07	-4.06e-07	+1.27e-07	-2.39e-10
85	-8.62e-03	+4.31e-03	-4.58e-03	+6.98e-04	+6.95e-05	+9.75e-06
86	-5.07e-09	-1.73e-08	-5.36e-07	+2.23e-07	-8.43e-07	+1.60e-07
87	-5.92e-09	+1.59e-08	-6.68e-07	-5.57e-07	-2.38e-07	+2.58e-09
88	-2.85e-03	+1.12e-02	-5.48e-03	+2.20e-05	-1.20e-03	+8.61e-06
89	+2.04e-03	+7.56e-03	-6.20e-03	-1.52e-03	-1.49e-04	+6.42e-05
90	-4.47e-03	+2.82e-03	-4.15e-03	-8.53e-04	-1.12e-04	+3.12e-05
91	-7.56e-03	+5.56e-03	-3.82e-03	+6.02e-06	-8.46e-04	+1.86e-05
92	+4.28e-08	-1.01e-07	-8.63e-07	+2.62e-07	-6.85e-08	+3.42e-08
93	+4.29e-08	+3.57e-08	-5.16e-07	-2.69e-07	+6.11e-07	-1.53e-07
94	-8.11e-03	+3.88e-03	-2.17e-03	+3.18e-04	+4.44e-04	-2.26e-06
95	-7.01e-03	+5.20e-03	-2.55e-03	-4.21e-04	-5.21e-04	-4.24e-07
96	-5.31e-03	+1.54e-03	-4.56e-03	-1.92e-04	+6.47e-04	+2.64e-05
97	-4.16e-03	+2.95e-03	-4.21e-03	-8.25e-04	-2.47e-04	-3.31e-05
98	-9.38e-03	+7.14e-03	-3.22e-03	+6.61e-04	+9.03e-04	+1.66e-05
99	-5.76e-03	+1.29e-02	-4.02e-03	-6.26e-04	-8.45e-04	-3.80e-05
100	+3.45e-04	-9.50e-04	-6.84e-03	-2.80e-04	+1.10e-03	+3.47e-05
101	+4.04e-03	+4.86e-03	-6.28e-03	-1.14e-03	-4.39e-04	-6.41e-05
102	-2.36e-09	-2.09e-08	-3.98e-07	+1.66e-07	+3.19e-07	-1.83e-07
103	+3.17e-09	-1.51e-08	-6.27e-07	+1.37e-07	+2.72e-07	-3.73e-08
104	-1.33e-08	+8.03e-09	-3.18e-07	-2.92e-07	-4.80e-07	-5.98e-10
105	-1.63e-08	-3.27e-09	-6.65e-07	+9.76e-08	-5.60e-07	+6.98e-09
106	-1.42e-02	-2.41e-02	-2.24e-03	+7.05e-04	-3.07e-04	-7.69e-05
107	-2.13e-02	-2.12e-02	-2.63e-03	-9.65e-04	+6.78e-04	-8.64e-05
108	-1.35e-03	-8.05e-03	-3.32e-03	+8.78e-04	-3.33e-04	-8.60e-05
109	-3.52e-03	-6.68e-03	-3.85e-03	-8.07e-04	+5.27e-04	-8.29e-05
110	-1.25e-08	+4.13e-10	-3.39e-07	+5.18e-07	-1.02e-07	+4.44e-08
111	-9.64e-02	-1.18e-01	-3.36e-04	-9.65e-04	+7.75e-04	-8.64e-05
113	-1.80e-02	-2.77e-02	-3.58e-03	-9.58e-04	+4.77e-04	+5.56e-05
115	-2.04e-02	-3.13e-02	-3.69e-03	-9.09e-04	+5.56e-04	-6.61e-05
117	-2.80e-02	-3.13e-02	-2.51e-03	-9.00e-04	+5.29e-04	+5.40e-05
119	-3.14e-02	-3.60e-02	-2.57e-03	-9.23e-04	+5.82e-04	-5.97e-05
122	-8.82e-02	-1.21e-01	-3.20e-04	-9.00e-04	+6.26e-04	+5.40e-05
123	-9.70e-02	-1.28e-01	-3.29e-04	-9.23e-04	+6.79e-04	-5.97e-05
124	-2.12e-02	-3.41e-02	-2.29e-03	+7.57e-04	-4.04e-04	+4.61e-05
125	-1.59e-02	-2.91e-02	-3.41e-03	+8.04e-04	-4.96e-04	+7.93e-05

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COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
126	-1.83e-02	-3.26e-02	-3.44e-03	+7.79e-04	-4.92e-04	-1.72e-05
127	-2.44e-02	-3.89e-02	-2.31e-03	+7.84e-04	-4.25e-04	-4.92e-05
128	+2.48e-03	-2.24e-03	-3.27e-03	+8.24e-04	-4.92e-04	+1.16e-04
129	+6.37e-03	+3.49e-03	-3.31e-03	+7.75e-04	-4.85e-04	-2.73e-07
130	+1.31e-03	-1.38e-03	-2.19e-03	+5.51e-04	-2.81e-04	+4.70e-05
131	+2.33e-03	+1.13e-04	-2.22e-03	+5.41e-04	-3.03e-04	-3.24e-05
132	-9.61e-09	+6.58e-09	-3.56e-07	+3.82e-07	-3.96e-08	+8.52e-08
133	-6.77e-09	+7.39e-09	-3.51e-07	+2.48e-07	+4.41e-08	+1.72e-07
134	+5.24e-09	+1.06e-08	-3.21e-07	-3.43e-07	+1.99e-07	+1.24e-08
135	+6.10e-09	+1.10e-08	-3.25e-07	-3.66e-07	+2.34e-07	-8.57e-09

MASSIME DEFORMAZIONI NODALI

	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z	DLMax
Deform. nodali	-9.70e-02	+1.56e-01	-9.15e-03	-1.52e-03	-1.20e-03	+1.16e-04	+1.61e-01
Nodo	123	33	13	89	88	128	123

COMBINAZIONE DI CARICO: 12 - DESCRIZIONE: FREQUENTE 03

Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
1	-1.11e-09	-1.19e-09	-3.20e-07	+2.23e-08	+5.81e-07	-7.50e-08
2	+8.60e-10	+1.21e-08	-3.28e-07	-4.00e-07	+4.28e-08	+6.83e-09
3	-6.09e-09	+1.31e-08	-6.26e-07	-4.58e-07	-1.87e-07	+5.02e-09
4	-4.42e-09	-9.80e-09	-5.76e-07	+3.02e-07	-1.06e-07	+1.08e-08
5	+1.23e-08	+1.06e-08	-4.50e-07	+1.40e-08	+4.33e-07	-1.43e-07
6	-7.57e-09	+1.06e-09	-2.39e-07	-5.82e-08	-2.37e-07	-1.60e-09
7	+7.30e-09	+1.50e-08	-5.67e-07	-5.34e-07	+2.54e-07	+1.98e-08
8	-3.16e-08	-2.40e-09	-9.58e-07	+9.38e-09	+4.88e-07	-6.45e-08
9	-4.62e-08	+2.66e-09	-3.57e-07	-5.01e-07	+2.77e-07	-1.46e-08
10	+3.15e-04	+1.66e-01	-3.24e-04	+1.16e-03	+1.62e-05	+1.07e-04
11	-2.13e-04	+4.77e-02	-3.62e-03	+1.04e-03	+4.61e-05	+1.05e-04
12	+1.63e-03	+4.80e-02	-2.91e-03	-9.19e-04	-1.70e-05	+7.01e-05
13	+1.56e-03	+1.46e-02	-9.35e-03	-2.67e-04	-5.08e-04	-9.13e-06
14	-1.20e-04	+1.44e-02	-5.80e-03	+9.25e-04	-5.46e-04	+5.56e-05
15	-6.30e-05	+1.54e-02	-2.40e-03	-1.51e-04	+7.32e-04	-1.10e-05
16	+4.43e-03	+1.47e-02	-4.73e-03	-5.51e-04	-7.00e-04	-1.73e-05
17	+4.54e-03	+1.56e-02	-5.92e-03	-1.10e-03	+5.37e-04	+4.00e-05
18	+1.86e-03	+1.54e-02	-6.46e-03	+7.79e-04	+5.27e-04	+4.12e-05
19	+1.83e-03	+3.36e-03	-3.35e-03	+9.71e-04	-6.97e-05	+5.36e-05
20	+4.54e-03	+3.64e-03	-3.10e-03	-1.15e-03	-9.55e-05	+6.83e-05
21	+2.09e-03	+2.15e-03	-2.24e-03	+5.04e-04	-4.34e-07	+2.58e-05
22	+5.87e-03	+2.06e-03	-2.08e-03	-6.02e-04	+1.18e-05	+2.77e-05
23	+1.90e-03	+5.77e-03	-1.63e-03	-1.12e-04	+4.10e-04	-6.07e-06
24	+2.09e-03	+5.76e-03	-4.29e-03	+4.82e-04	+3.42e-04	+1.90e-05
25	+5.88e-03	+5.63e-03	-3.95e-03	-6.44e-04	+3.35e-04	+4.08e-05
26	+1.82e-03	+7.62e-03	-3.88e-03	+5.39e-04	-3.23e-04	+7.48e-05
27	+2.60e-03	+7.45e-03	-6.23e-03	-2.64e-04	-3.02e-04	+3.68e-05
28	+5.97e-03	+7.39e-03	-3.17e-03	-3.13e-04	-3.19e-04	-4.96e-05
29	+1.93e-03	+5.29e-02	-2.53e-03	+1.06e-03	+1.62e-05	+1.07e-04
30	+2.62e-03	+5.25e-02	-2.03e-03	-9.37e-04	+2.93e-05	+9.88e-05
31	+3.14e-03	+1.84e-01	-3.32e-04	+1.18e-03	-1.03e-05	+2.92e-05
32	-4.88e-08	+6.81e-09	-3.53e-07	-7.56e-07	+2.70e-07	-1.61e-08
33	+3.48e-03	+1.88e-01	-3.32e-04	+1.18e-03	-1.18e-05	+6.21e-06
34	+1.03e-09	+8.15e-09	-2.31e-07	-7.50e-07	+5.18e-08	+1.51e-09
35	+3.95e-03	+1.87e-01	-3.33e-04	+1.17e-03	-1.45e-05	-6.17e-06
36	+5.83e-08	+7.74e-09	-3.53e-07	-8.14e-07	-1.61e-07	+2.07e-08
37	+4.30e-03	+1.84e-01	-3.32e-04	+1.18e-03	-1.60e-05	-2.40e-05
38	+5.43e-08	+6.75e-09	-3.55e-07	-7.55e-07	-1.76e-07	+2.44e-08
39	+4.07e-03	+1.72e-01	-3.29e-04	+1.20e-03	-1.17e-05	-8.19e-05
40	+4.93e-08	+3.18e-09	-3.48e-07	-5.34e-07	-1.72e-07	+2.26e-08
41	+1.04e-02	+1.38e-01	-3.21e-04	+1.18e-03	-7.31e-05	-7.91e-05

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
42	-5.01e-08	+1.33e-08	-5.97e-07	+2.88e-07	-2.01e-07	-1.78e-07
43	-3.04e-04	+6.81e-02	-3.72e-03	+1.02e-03	-2.28e-05	+4.73e-05
44	-3.89e-04	+7.41e-02	-3.71e-03	+9.94e-04	-1.17e-05	+1.00e-05
45	-4.80e-04	+7.41e-02	-3.73e-03	+1.01e-03	-1.01e-05	-1.21e-05
46	-5.79e-04	+6.85e-02	-3.72e-03	+1.02e-03	-1.34e-05	-3.94e-05
47	-6.98e-04	+4.79e-02	-3.69e-03	+1.07e-03	-8.42e-06	-1.20e-04
48	-8.69e-04	+2.03e-03	-3.61e-03	+1.19e-03	-6.67e-05	-6.04e-05
49	+1.18e-03	+6.84e-02	-2.81e-03	-9.65e-04	-6.86e-05	+2.19e-05
50	+1.53e-04	+7.44e-02	-1.99e-03	-9.32e-04	-1.02e-05	+8.64e-06
51	-7.94e-04	+7.44e-02	-2.70e-03	-9.80e-04	+3.98e-05	+8.82e-06
52	-1.11e-03	+6.88e-02	-2.79e-03	-9.71e-04	+2.98e-05	-1.93e-05
53	-8.44e-04	+4.82e-02	-2.74e-03	-9.42e-04	+3.90e-05	-7.33e-05
54	+9.40e-05	+2.27e-03	-3.43e-03	-1.02e-03	-1.54e-05	-4.71e-05
55	+2.61e-03	+6.81e-02	-1.98e-03	-1.06e-03	+1.18e-05	+2.50e-05
56	+2.59e-03	+7.24e-02	-1.57e-03	-1.10e-03	+1.28e-06	+5.69e-06
57	+2.60e-03	+7.18e-02	-1.92e-03	-1.09e-03	-9.14e-06	-3.74e-06
58	+2.65e-03	+6.82e-02	-1.97e-03	-1.06e-03	-8.76e-06	-2.17e-05
59	+2.74e-03	+5.48e-02	-1.95e-03	-9.57e-04	-8.95e-06	-6.90e-05
60	+2.92e-03	+2.18e-02	-2.30e-03	-7.28e-04	-1.52e-06	-8.19e-05
61	+2.11e-03	+6.85e-02	-2.60e-03	+1.08e-03	-1.03e-05	+2.92e-05
62	+2.30e-03	+7.27e-02	-2.60e-03	+1.08e-03	-1.18e-05	+6.21e-06
63	+2.50e-03	+7.22e-02	-2.60e-03	+1.08e-03	-1.45e-05	-6.17e-06
64	+2.70e-03	+6.86e-02	-2.59e-03	+1.08e-03	-1.60e-05	-2.40e-05
65	+2.91e-03	+5.51e-02	-2.58e-03	+1.10e-03	-1.17e-05	-8.19e-05
66	+3.09e-03	+2.21e-02	-2.51e-03	+1.09e-03	-7.31e-05	-7.91e-05
67	+6.82e-04	+1.14e-02	-3.07e-03	-9.29e-04	+4.53e-04	-2.78e-05
68	+1.40e-03	+5.24e-03	-4.00e-03	-1.28e-03	+6.09e-04	-2.59e-05
69	-8.62e-08	+3.78e-08	-5.59e-07	+5.62e-07	-1.34e-07	-1.47e-07
70	+1.21e-03	+1.14e-02	-2.25e-03	+6.28e-04	-1.93e-04	-1.62e-05
71	-3.91e-04	+5.37e-03	-3.33e-03	+1.23e-03	-4.29e-04	+2.69e-05
72	+4.42e-09	+1.84e-08	-3.30e-07	-6.70e-07	+1.55e-07	-4.28e-09
73	+2.91e-03	+1.08e-02	-6.89e-03	+1.18e-03	+1.34e-04	-9.58e-06
74	+3.78e-03	+1.04e-02	-4.63e-03	-3.55e-04	+1.17e-03	+2.33e-05
75	-7.49e-04	+8.76e-03	-3.41e-03	-2.48e-04	+8.07e-04	-1.59e-05
76	-3.95e-05	+6.10e-03	-3.55e-03	+1.06e-03	-7.12e-04	+2.48e-05
77	+1.13e-03	+1.12e-02	-2.37e-03	+4.92e-04	-3.75e-04	+4.71e-06
78	+8.09e-09	+1.55e-08	-3.47e-07	-5.74e-07	+2.76e-07	+1.25e-09
79	+5.70e-03	+1.20e-02	-1.55e-03	-8.11e-04	+4.79e-04	+2.54e-06
80	+4.36e-03	+1.28e-02	-3.12e-03	+8.07e-04	-7.72e-04	+4.96e-06
81	+7.70e-04	+1.11e-02	-1.30e-03	-6.05e-04	+3.75e-04	-8.69e-06
82	+1.14e-03	+1.10e-02	-2.11e-03	+3.93e-04	-4.02e-04	-1.30e-05
83	-7.31e-09	-6.79e-09	-1.91e-07	+1.65e-07	-2.37e-07	-2.30e-09
84	+8.64e-09	+1.35e-08	-3.10e-07	-5.05e-07	+2.94e-07	-3.44e-09
85	-4.32e-04	+8.68e-03	-4.59e-03	+6.76e-04	+9.83e-05	-1.26e-05
86	-7.83e-09	-1.02e-08	-5.29e-07	+5.15e-08	-7.23e-07	+1.31e-07
87	-2.17e-09	+1.83e-08	-6.69e-07	-6.48e-07	-7.49e-08	-3.33e-09
88	+1.13e-03	+8.66e-03	-5.59e-03	+3.92e-05	-1.21e-03	-3.97e-05
89	+1.99e-03	+8.31e-03	-6.21e-03	-1.49e-03	-1.73e-04	-8.62e-06
90	-1.70e-03	+7.06e-03	-4.16e-03	-8.63e-04	-1.06e-04	-8.55e-06
91	-1.39e-03	+7.02e-03	-3.88e-03	+1.56e-05	-8.27e-04	-6.38e-06
92	+4.46e-08	-9.25e-08	-8.47e-07	+1.43e-07	+2.44e-08	-6.49e-09
93	+5.13e-08	+4.39e-08	-5.16e-07	-3.27e-07	+7.48e-07	-1.64e-07
94	-1.03e-03	+9.16e-03	-2.16e-03	+2.93e-04	+4.81e-04	-1.32e-05
95	-1.93e-03	+7.56e-03	-2.62e-03	-4.16e-04	-5.03e-04	-1.40e-05
96	+2.01e-03	+6.65e-03	-4.55e-03	-2.12e-04	+6.74e-04	+4.38e-06
97	+1.14e-03	+5.14e-03	-4.28e-03	-8.23e-04	-2.36e-04	-3.56e-05
98	-1.99e-04	+1.32e-02	-3.21e-03	+6.68e-04	+9.03e-04	-1.66e-05
99	-2.28e-03	+1.07e-02	-4.15e-03	-5.99e-04	-8.57e-04	-7.32e-05
100	+7.96e-03	+6.41e-03	-6.84e-03	-2.83e-04	+1.10e-03	-6.10e-06
101	+5.94e-03	+3.94e-03	-6.41e-03	-1.13e-03	-4.60e-04	-8.30e-05

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Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
102	+5.73e-09	-1.23e-08	-3.98e-07	+9.30e-08	+4.33e-07	-1.91e-07
103	+6.19e-09	-1.29e-08	-6.36e-07	+6.55e-08	+3.91e-07	-4.20e-08
104	-1.02e-08	+1.07e-08	-3.17e-07	-4.00e-07	-3.44e-07	-3.50e-09
105	-1.29e-08	-6.06e-10	-6.64e-07	-9.21e-09	-4.13e-07	+1.16e-09
106	-7.23e-03	-1.56e-02	-2.21e-03	+6.69e-04	-2.84e-04	-4.08e-05
107	-1.22e-02	-1.36e-02	-2.53e-03	-8.73e-04	+5.91e-04	-4.50e-05
108	-6.85e-04	-7.28e-03	-3.29e-03	+9.42e-04	-3.98e-04	-2.64e-05
109	-9.51e-04	-6.83e-03	-3.66e-03	-7.93e-04	+5.02e-04	-2.34e-05
110	-3.73e-09	+1.15e-08	-3.50e-07	+3.09e-07	+7.16e-08	+1.09e-07
111	-7.13e-02	-9.36e-02	-3.23e-04	-7.76e-04	+5.91e-04	-4.50e-05
113	-8.01e-04	-6.46e-03	-3.56e-03	-9.88e-04	+4.94e-04	+3.33e-05
115	-4.47e-03	-1.19e-02	-3.68e-03	-9.35e-04	+5.68e-04	-1.43e-05
117	-1.23e-02	-1.40e-02	-2.49e-03	-8.64e-04	+4.92e-04	+3.55e-05
119	-1.58e-02	-1.90e-02	-2.56e-03	-8.70e-04	+5.38e-04	-2.65e-05
122	-6.15e-02	-9.30e-02	-3.18e-04	-7.67e-04	+4.92e-04	+3.55e-05
123	-6.96e-02	-9.87e-02	-3.27e-04	-7.73e-04	+5.38e-04	-2.65e-05
124	-7.45e-03	-1.59e-02	-2.32e-03	+6.41e-04	-3.20e-04	+3.30e-05
125	-4.85e-04	-6.93e-03	-3.46e-03	+8.01e-04	-5.00e-04	+7.87e-05
126	-4.19e-03	-1.24e-02	-3.47e-03	+7.92e-04	-5.06e-04	+4.46e-05
127	-1.09e-02	-2.10e-02	-2.33e-03	+6.73e-04	-3.44e-04	-1.84e-05
128	+8.33e-03	+5.95e-03	-3.32e-03	+8.19e-04	-4.93e-04	+6.63e-05
129	+6.55e-03	+3.40e-03	-3.30e-03	+7.96e-04	-5.13e-04	-3.39e-05
130	+6.68e-03	+4.64e-03	-2.22e-03	+5.13e-04	-2.50e-04	+1.81e-05
131	+5.69e-03	+3.20e-03	-2.21e-03	+5.36e-04	-2.95e-04	-3.69e-05
132	-2.73e-09	+1.19e-08	-3.57e-07	+2.98e-08	+2.30e-07	+1.45e-07
133	+5.57e-10	+1.21e-08	-3.52e-07	-8.37e-08	+3.00e-07	+1.90e-07
134	+7.80e-09	+1.33e-08	-3.26e-07	-4.56e-07	+3.04e-07	+4.78e-09
135	+8.32e-09	+1.32e-08	-3.24e-07	-4.42e-07	+3.14e-07	-9.75e-09

MASSIME DEFORMAZIONI NODALI

	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z	DLMax
Deform. nodali	-7.13e-02	+1.88e-01	-9.35e-03	-1.49e-03	-1.21e-03	-1.20e-04	+1.88e-01
Nodo	111	33	13	89	88	47	33

COMBINAZIONE DI CARICO: 13 - DESCRIZIONE: FREQUENTE 04

Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
1	-2.77e-09	-1.84e-08	-3.40e-07	+6.93e-08	+5.66e-07	-7.63e-08
2	+5.15e-10	+1.01e-08	-3.10e-07	-3.61e-07	+2.40e-08	+4.15e-09
3	-6.47e-09	+9.64e-09	-6.26e-07	-3.46e-07	-2.07e-07	+4.59e-09
4	-4.57e-09	-1.31e-08	-5.77e-07	+4.07e-07	-1.13e-07	+1.20e-08
5	+1.20e-08	-2.55e-08	-5.03e-07	+7.13e-08	+4.18e-07	-1.35e-07
6	-7.67e-09	-2.28e-09	-2.38e-07	+4.83e-08	-2.41e-07	+2.76e-09
7	+7.12e-09	+1.27e-08	-5.67e-07	-4.81e-07	+2.45e-07	+1.34e-08
8	-3.41e-08	-5.21e-09	-9.08e-07	+1.16e-07	+4.83e-07	-1.32e-07
9	-4.95e-08	-8.84e-09	-3.61e-07	+1.25e-07	+2.69e-07	-1.28e-07
10	-5.58e-04	+1.13e-01	-3.21e-04	+8.85e-04	+2.14e-05	+3.19e-05
11	+5.29e-04	+1.19e-02	-3.60e-03	+1.09e-03	+5.11e-05	+1.60e-05
12	+1.51e-03	+1.22e-02	-2.90e-03	-9.29e-04	-1.48e-05	-3.29e-05
13	+1.45e-03	+1.24e-02	-8.88e-03	-2.69e-04	-5.08e-04	-3.14e-05
14	+6.06e-04	+1.22e-02	-5.80e-03	+9.18e-04	-5.42e-04	+1.75e-05
15	+8.56e-04	+1.11e-02	-2.40e-03	-1.63e-04	+7.37e-04	-4.49e-07
16	+4.45e-03	+1.25e-02	-4.82e-03	-5.52e-04	-6.98e-04	+2.76e-06
17	+4.56e-03	+1.14e-02	-5.92e-03	-1.12e-03	+5.38e-04	+4.16e-05
18	+1.24e-03	+1.11e-02	-6.46e-03	+7.74e-04	+5.28e-04	+3.53e-05
19	+1.22e-03	+2.62e-03	-3.20e-03	+9.65e-04	-6.79e-05	+4.43e-05
20	+4.56e-03	+2.89e-03	-3.12e-03	-1.16e-03	-9.24e-05	+5.23e-05
21	+1.02e-03	+1.76e-03	-2.11e-03	+5.09e-04	-4.93e-06	+1.57e-05
22	+5.51e-03	+1.59e-03	-2.11e-03	-5.95e-04	+9.08e-06	+1.51e-05
23	+1.84e-03	+1.54e-03	-1.62e-03	-9.37e-05	+4.14e-04	+1.05e-05

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Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
24	+1.01e-03	+1.54e-03	-4.29e-03	+4.93e-04	+3.38e-04	+1.74e-05
25	+5.52e-03	+1.40e-03	-3.95e-03	-6.22e-04	+3.35e-04	+4.52e-05
26	+1.47e-03	+6.43e-03	-3.88e-03	+5.46e-04	-3.21e-04	+5.06e-05
27	+2.26e-03	+6.32e-03	-5.86e-03	-2.53e-04	-3.05e-04	+2.16e-05
28	+5.61e-03	+6.15e-03	-3.26e-03	-3.01e-04	-3.18e-04	-2.86e-05
29	+1.58e-03	+2.21e-02	-2.51e-03	+9.82e-04	+2.14e-05	+3.19e-05
30	+2.24e-03	+2.19e-02	-2.03e-03	-7.43e-04	+2.96e-05	+2.85e-05
31	+2.26e-03	+1.20e-01	-3.27e-04	+9.17e-04	-5.45e-06	+1.13e-05
32	-5.38e-08	-7.94e-09	-3.60e-07	+7.02e-08	+2.62e-07	-1.18e-07
33	+2.55e-03	+1.23e-01	-3.25e-04	+9.26e-04	-6.84e-06	+1.79e-06
34	+8.80e-10	-6.15e-09	-2.35e-07	-2.04e-09	+4.43e-08	+4.49e-10
35	+2.95e-03	+1.20e-01	-3.27e-04	+9.17e-04	-9.43e-06	-6.54e-06
36	+5.52e-08	-7.86e-09	-3.60e-07	+6.49e-08	-1.69e-07	+1.20e-07
37	+3.23e-03	+1.19e-01	-3.26e-04	+9.17e-04	-1.07e-05	-9.99e-06
38	+5.03e-08	-8.40e-09	-3.64e-07	+9.46e-08	-1.84e-07	+1.33e-07
39	+2.98e-03	+1.13e-01	-3.26e-04	+9.17e-04	-6.65e-06	-3.49e-05
40	+4.20e-08	-9.85e-09	-3.57e-07	+1.84e-07	-1.81e-07	+1.33e-07
41	+8.76e-03	+9.45e-02	-3.23e-04	+8.68e-04	-6.30e-05	-2.57e-05
42	-5.66e-08	+3.87e-09	-5.71e-07	+6.94e-07	-2.01e-07	-9.51e-08
43	+4.20e-04	+1.50e-02	-3.67e-03	+1.10e-03	-1.78e-05	+2.08e-05
44	+3.05e-04	+1.71e-02	-3.65e-03	+1.08e-03	-6.61e-06	-2.31e-07
45	+1.87e-04	+1.57e-02	-3.66e-03	+1.10e-03	-4.87e-06	-1.99e-05
46	+7.21e-05	+1.33e-02	-3.66e-03	+1.11e-03	-8.04e-06	-2.59e-05
47	-4.33e-05	+5.93e-03	-3.66e-03	+1.12e-03	-2.83e-06	-5.42e-05
48	-1.71e-04	-7.69e-03	-3.64e-03	+1.17e-03	-6.04e-05	-1.79e-06
49	+1.05e-03	+1.53e-02	-2.81e-03	-9.50e-04	-6.72e-05	-3.65e-05
50	-8.45e-06	+1.74e-02	-2.02e-03	-8.72e-04	-8.98e-06	-1.36e-07
51	-1.08e-03	+1.60e-02	-2.81e-03	-9.52e-04	+4.08e-05	+3.70e-05
52	-1.58e-03	+1.36e-02	-2.95e-03	-9.53e-04	+3.00e-05	+2.30e-05
53	-1.60e-03	+6.24e-03	-2.96e-03	-9.52e-04	+3.64e-05	+9.94e-06
54	-1.14e-03	-7.42e-03	-3.41e-03	-1.09e-03	-9.95e-06	+2.18e-05
55	+2.23e-03	+2.54e-02	-1.99e-03	-7.78e-04	+1.13e-05	+4.95e-06
56	+2.21e-03	+2.75e-02	-1.60e-03	-8.03e-04	+8.31e-07	+1.70e-06
57	+2.21e-03	+2.58e-02	-1.99e-03	-7.81e-04	-1.01e-05	-8.01e-07
58	+2.25e-03	+2.41e-02	-2.06e-03	-7.68e-04	-1.03e-05	-6.19e-06
59	+2.33e-03	+1.88e-02	-2.07e-03	-7.29e-04	-1.09e-05	-2.62e-05
60	+2.47e-03	+5.02e-03	-2.29e-03	-6.46e-04	-1.10e-05	-2.13e-05
61	+1.72e-03	+2.57e-02	-2.56e-03	+1.01e-03	-5.45e-06	+1.13e-05
62	+1.86e-03	+2.78e-02	-2.55e-03	+1.02e-03	-6.84e-06	+1.79e-06
63	+2.01e-03	+2.61e-02	-2.56e-03	+1.01e-03	-9.43e-06	-6.54e-06
64	+2.16e-03	+2.44e-02	-2.55e-03	+1.01e-03	-1.07e-05	-9.99e-06
65	+2.31e-03	+1.91e-02	-2.55e-03	+1.01e-03	-6.65e-06	-3.49e-05
66	+2.46e-03	+5.27e-03	-2.53e-03	+9.65e-04	-6.30e-05	-2.57e-05
67	+2.17e-03	+3.20e-03	-3.13e-03	-9.13e-04	+4.54e-04	-9.68e-06
68	+1.41e-03	+2.45e-03	-4.13e-03	-1.31e-03	+6.00e-04	-3.48e-05
69	-6.41e-08	+1.77e-08	-5.39e-07	+7.74e-07	-1.12e-07	-1.64e-07
70	+2.20e-03	+3.35e-03	-2.26e-03	+6.40e-04	-1.90e-04	+1.99e-06
71	+1.57e-03	+2.09e-03	-3.36e-03	+1.19e-03	-4.16e-04	+2.61e-05
72	+4.76e-09	+1.34e-08	-3.30e-07	-4.82e-07	+1.72e-07	+5.27e-10
73	-1.04e-03	-1.42e-03	-6.88e-03	+1.17e-03	+1.28e-04	+1.12e-05
74	-2.16e-03	-1.63e-04	-4.39e-03	-3.62e-04	+1.16e-03	+6.91e-05
75	-1.56e-03	-2.62e-03	-3.30e-03	-2.02e-04	+7.81e-04	+4.38e-06
76	+1.51e-03	+2.01e-03	-3.55e-03	+1.02e-03	-7.02e-04	-9.52e-06
77	+2.23e-03	+3.35e-03	-2.38e-03	+5.14e-04	-3.77e-04	-4.17e-06
78	+8.56e-09	+1.08e-08	-3.48e-07	-3.97e-07	+2.98e-07	-1.10e-09
79	-1.45e-03	-3.17e-04	-1.56e-03	-8.04e-04	+4.49e-04	-2.04e-05
80	-8.21e-04	-1.18e-03	-3.11e-03	+7.95e-04	-7.82e-04	-1.23e-05
81	-4.13e-04	-8.36e-04	-1.31e-03	-5.53e-04	+3.49e-04	-1.71e-05
82	-4.05e-04	-6.42e-04	-2.10e-03	+4.54e-04	-4.25e-04	-1.59e-05
83	-7.25e-09	-1.26e-08	-1.94e-07	+4.06e-07	-2.43e-07	-4.52e-09

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Nodo	Trasl.X	Trasl.Y	Trasl._Z	Rotaz.X	Rotaz.Y	Rotaz.Z
84	+8.48e-09	+7.98e-09	-3.07e-07	-2.76e-07	+2.78e-07	-4.19e-09
85	-1.59e-03	-2.41e-03	-4.58e-03	+7.19e-04	+8.56e-05	-1.85e-06
86	+4.38e-09	-2.47e-08	-5.43e-07	+3.32e-07	-7.43e-07	+1.58e-07
87	-2.39e-09	+1.26e-08	-6.68e-07	-4.18e-07	-8.99e-08	-4.89e-10
88	+3.77e-03	+6.03e-03	-5.52e-03	+1.03e-05	-1.21e-03	-3.17e-05
89	+2.65e-03	+7.26e-03	-6.18e-03	-1.55e-03	-1.81e-04	+3.74e-05
90	-1.24e-04	-8.43e-04	-4.15e-03	-8.45e-04	-1.03e-04	+1.58e-05
91	-1.60e-04	-5.94e-04	-3.84e-03	+3.29e-05	-8.14e-04	+1.88e-06
92	+5.13e-08	-1.06e-07	-8.70e-07	+3.75e-07	+5.16e-08	+1.31e-08
93	+4.87e-08	+3.52e-08	-5.16e-07	-1.24e-07	+7.84e-07	-1.87e-07
94	+7.05e-04	-4.31e-03	-2.15e-03	+3.72e-04	+4.97e-04	-3.67e-06
95	+2.21e-03	-2.42e-03	-2.60e-03	-3.73e-04	-4.66e-04	-2.58e-06
96	+3.67e-03	-6.79e-03	-4.55e-03	-1.65e-04	+6.76e-04	+4.74e-05
97	+5.21e-03	-4.76e-03	-4.26e-03	-8.02e-04	-2.14e-04	-8.06e-06
98	+3.34e-03	-5.15e-03	-3.20e-03	+6.68e-04	+9.08e-04	+2.38e-05
99	+7.90e-03	+1.96e-03	-4.09e-03	-6.15e-04	-8.27e-04	-4.02e-05
100	+6.18e-03	-7.61e-03	-6.84e-03	-2.96e-04	+1.08e-03	+7.74e-05
101	+1.09e-02	-3.07e-04	-6.36e-03	-1.15e-03	-4.59e-04	-2.20e-05
102	+5.32e-09	-1.96e-08	-3.98e-07	+3.21e-07	+5.09e-07	-2.06e-07
103	+1.17e-09	-3.25e-08	-6.61e-07	+3.08e-07	+4.68e-07	-3.67e-08
104	-9.82e-09	+4.81e-09	-3.15e-07	-1.46e-07	-3.20e-07	-9.70e-10
105	-1.23e-08	-7.12e-09	-6.64e-07	+2.66e-07	-3.80e-07	+1.25e-08
106	-1.08e-02	-2.97e-02	-2.25e-03	+7.19e-04	-3.06e-04	-4.49e-05
107	-1.20e-02	-2.94e-02	-2.67e-03	-1.02e-03	+6.35e-04	-4.87e-05
108	-1.14e-03	-8.56e-03	-3.34e-03	+8.34e-04	-3.68e-04	-4.73e-05
109	+4.16e-03	-1.06e-02	-3.93e-03	-8.19e-04	+5.21e-04	-3.91e-05
110	-5.40e-09	-9.81e-09	-3.27e-07	+6.67e-07	+4.51e-09	+6.29e-08
111	-7.55e-02	-1.39e-01	-3.42e-04	-1.12e-03	+6.35e-04	-4.87e-05
113	-1.33e-02	-3.60e-02	-3.59e-03	-9.61e-04	+4.61e-04	+9.14e-05
115	-1.50e-02	-3.85e-02	-3.69e-03	-9.18e-04	+5.35e-04	-4.29e-05
117	-1.98e-02	-4.09e-02	-2.50e-03	-9.38e-04	+4.85e-04	+8.37e-05
119	-2.28e-02	-4.52e-02	-2.57e-03	-9.56e-04	+5.55e-04	-3.80e-05
122	-6.82e-02	-1.42e-01	-3.20e-04	-1.03e-03	+4.85e-04	+8.37e-05
123	-7.83e-02	-1.48e-01	-3.29e-04	-1.05e-03	+5.55e-04	-3.80e-05
124	-1.86e-02	-4.11e-02	-2.34e-03	+7.83e-04	-4.19e-04	+7.19e-05
125	-1.87e-02	-3.38e-02	-3.51e-03	+7.91e-04	-5.28e-04	+1.10e-04
126	-2.03e-02	-3.64e-02	-3.55e-03	+7.63e-04	-5.17e-04	+1.97e-06
127	-2.15e-02	-4.54e-02	-2.36e-03	+8.06e-04	-4.36e-04	-2.88e-05
128	+7.86e-04	-5.43e-03	-3.38e-03	+8.13e-04	-5.19e-04	+1.48e-04
129	+5.79e-03	+1.87e-03	-2.92e-03	+7.56e-04	-5.17e-04	+4.22e-05
130	+4.64e-03	-7.10e-03	-2.24e-03	+5.66e-04	-2.85e-04	+7.15e-05
131	+6.09e-03	-5.00e-03	-2.02e-03	+5.52e-04	-3.00e-04	-2.31e-09
132	-1.59e-09	-6.92e-10	-3.56e-07	+5.34e-07	+4.04e-08	+7.96e-08
133	+1.31e-09	-1.25e-11	-3.51e-07	+4.03e-07	+1.21e-07	+1.72e-07
134	+7.69e-09	+7.62e-09	-3.29e-07	-2.20e-07	+2.86e-07	+1.89e-08
135	+8.57e-09	+8.19e-09	-2.97e-07	-2.53e-07	+3.25e-07	-6.11e-13

MASSIME DEFORMAZIONI NODALI

	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z	DLMax
Deform. nodali	-7.83e-02	-1.48e-01	-8.88e-03	-1.55e-03	-1.21e-03	+1.48e-04	+1.67e-01
Nodo	123	123	13	89	88	128	123

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FORZE/MOMENTI

FORZE MOMENTI PER GRUPPI TRAVE

GRUPPO NUMERO: 1 - DESCRIZIONE: MONTANTI PONTEGGIO

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 1 - C.c: 1	3.976e+02	-3.906e+02	5.943e+00	-2.943e+00	-1.484e+01	1.484e+01	-7.350e+00	7.350e+00	4.742e+02	1.010e+03	2.538e+02	1.905e+02
El: 2 - C.c: 1	3.060e+02	-3.006e+02	4.240e+00	-2.240e+00	-1.142e+01	1.142e+01	-5.658e+00	5.658e+00	3.649e+02	7.771e+02	1.836e+02	1.405e+02
El: 3 - C.c: 1	3.066e+02	-3.011e+02	2.520e+00	-2.120e+00	-1.143e+01	1.143e+01	-5.678e+00	5.678e+00	3.657e+02	7.774e+02	1.230e+02	1.090e+02
El: 4 - C.c: 1	3.067e+02	-3.013e+02	2.090e+00	-2.090e+00	-1.143e+01	1.143e+01	-5.683e+00	5.683e+00	3.659e+02	7.775e+02	1.079e+02	1.011e+02
El: 5 - C.c: 1	3.998e+02	-3.927e+02	-5.088e-01	-2.491e+00	-1.488e+01	1.488e+01	-7.426e+00	7.426e+00	4.771e+02	1.011e+03	2.674e+01	7.238e+01
El: 6 - C.c: 1	3.954e+02	-3.884e+02	2.785e+00	-2.785e+00	-1.332e+01	1.632e+01	-9.881e+00	9.881e+00	4.467e+02	1.035e+03	1.444e+02	1.341e+02
El: 7 - C.c: 1	4.020e+02	-3.949e+02	2.649e+00	-2.649e+00	-1.641e+01	1.341e+01	-4.895e+00	4.895e+00	5.046e+02	9.864e+02	1.362e+02	1.287e+02
El: 8 - C.c: 1	3.074e+02	-3.020e+02	-6.058e-02	-1.939e+00	-1.145e+01	1.145e+01	-5.708e+00	5.708e+00	3.668e+02	7.778e+02	3.221e+01	6.173e+01
El: 9 - C.c: 1	3.045e+02	-2.991e+02	2.135e+00	-2.135e+00	-1.040e+01	1.240e+01	-7.345e+00	7.345e+00	3.466e+02	7.937e+02	1.106e+02	1.029e+02
El: 10 - C.c: 1	3.089e+02	-3.035e+02	2.045e+00	-2.045e+00	-1.246e+01	1.046e+01	-4.021e+00	4.021e+00	3.852e+02	7.613e+02	1.052e+02	9.931e+01
El: 11 - C.c: 1	3.074e+02	-3.020e+02	-6.058e-02	-1.939e+00	-1.145e+01	1.145e+01	-5.708e+00	5.708e+00	3.668e+02	7.778e+02	3.221e+01	6.173e+01
El: 12 - C.c: 1	3.045e+02	-2.991e+02	2.135e+00	-2.135e+00	-1.040e+01	1.240e+01	-7.345e+00	7.345e+00	3.466e+02	7.937e+02	1.106e+02	1.029e+02
El: 13 - C.c: 1	3.089e+02	-3.035e+02	2.045e+00	-2.045e+00	-1.246e+01	1.046e+01	-4.021e+00	4.021e+00	3.852e+02	7.613e+02	1.052e+02	9.931e+01
El: 1 - C.c: 2	7.494e+02	-7.424e+02	-2.558e+00	5.558e+00	-1.450e+01	1.450e+01	-1.310e+01	1.310e+01	4.385e+02	1.012e+03	-2.692e+01	-3.789e+02
El: 2 - C.c: 2	5.765e+02	-5.711e+02	-2.305e+00	4.305e+00	-1.119e+01	1.119e+01	-1.025e+01	1.025e+01	3.396e+02	7.799e+02	-3.256e+01	-2.979e+02
El: 3 - C.c: 2	5.765e+02	-5.711e+02	-4.059e+00	4.459e+00	-1.139e+01	1.139e+01	-1.115e+01	1.115e+01	3.513e+02	7.876e+02	-9.423e+01	-3.317e+02
El: 4 - C.c: 2	5.765e+02	-5.711e+02	-4.498e+00	4.498e+00	-1.144e+01	1.144e+01	-1.138e+01	1.138e+01	3.542e+02	7.896e+02	-1.096e+02	-3.402e+02
El: 5 - C.c: 2	7.495e+02	-7.424e+02	-9.137e+00	6.137e+00	-1.523e+01	1.523e+01	-1.648e+01	1.648e+01	4.824e+02	1.041e+03	-2.582e+02	-5.055e+02
El: 6 - C.c: 2	7.493e+02	-7.422e+02	-5.734e+00	5.734e+00	-1.241e+01	1.541e+01	-1.391e+01	1.391e+01	3.819e+02	1.009e+03	-1.370e+02	-4.364e+02
El: 7 - C.c: 2	7.496e+02	-7.426e+02	-5.961e+00	5.961e+00	-1.733e+01	1.433e+01	-1.567e+01	1.567e+01	5.390e+02	1.044e+03	-1.481e+02	-4.480e+02
El: 8 - C.c: 2	5.765e+02	-5.711e+02	-6.691e+00	4.691e+00	-1.168e+01	1.168e+01	-1.250e+01	1.250e+01	3.688e+02	7.992e+02	-1.867e+02	-3.824e+02
El: 9 - C.c: 2	5.764e+02	-5.710e+02	-4.422e+00	4.422e+00	-9.796e+00	1.180e+01	-1.079e+01	1.079e+01	3.018e+02	7.778e+02	-1.059e+02	-3.363e+02
El: 10 - C.c: 2	5.766e+02	-5.712e+02	-4.574e+00	4.574e+00	-1.308e+01	1.108e+01	-1.196e+01	1.196e+01	4.066e+02	8.013e+02	-1.134e+02	-3.440e+02
El: 11 - C.c: 2	5.765e+02	-5.711e+02	-6.691e+00	4.691e+00	-1.168e+01	1.168e+01	-1.250e+01	1.250e+01	3.688e+02	7.992e+02	-1.867e+02	-3.824e+02
El: 12 - C.c: 2	5.764e+02	-5.710e+02	-4.422e+00	4.422e+00	-9.796e+00	1.180e+01	-1.079e+01	1.079e+01	3.018e+02	7.778e+02	-1.059e+02	-3.363e+02
El: 13 - C.c: 2	5.766e+02	-5.712e+02	-4.574e+00	4.574e+00	-1.308e+01	1.108e+01	-1.196e+01	1.196e+01	4.066e+02	8.013e+02	-1.134e+02	-3.440e+02
El: 1 - C.c: 3	6.192e+02	-6.122e+02	1.487e+01	-1.187e+01	-4.571e+00	4.571e+00	1.626e+01	-1.626e+01	9.156e+01	3.656e+02	5.503e+02	7.867e+02
El: 2 - C.c: 3	4.755e+02	-4.701e+02	1.109e+01	-9.090e+00	-3.514e+00	3.514e+00	1.221e+01	-1.221e+01	7.026e+01	2.811e+02	4.111e+02	5.979e+02
El: 3 - C.c: 3	4.713e+02	-4.659e+02	9.280e+00	-8.880e+00	-3.500e+00	3.500e+00	1.068e+01	-1.068e+01	6.939e+01	2.806e+02	3.476e+02	5.604e+02
El: 4 - C.c: 3	4.703e+02	-4.648e+02	8.828e+00	-8.828e+00	-3.497e+00	3.497e+00	1.030e+01	-1.030e+01	6.918e+01	2.805e+02	3.317e+02	5.511e+02
El: 5 - C.c: 3	6.035e+02	-5.964e+02	8.083e+00	-1.108e+01	-4.520e+00	4.520e+00	1.052e+01	-1.052e+01	8.830e+01	3.637e+02	3.123e+02	6.461e+02
El: 6 - C.c: 3	6.012e+02	-5.941e+02	1.159e+01	-1.159e+01	-2.852e+00	5.852e+00	1.756e+01	-1.756e+01	5.213e+01	3.830e+02	4.369e+02	7.223e+02
El: 7 - C.c: 3	6.216e+02	-6.145e+02	1.136e+01	-1.136e+01	-6.240e+00	3.240e+00	9.221e+00	-9.221e+00	1.277e+02	3.463e+02	4.256e+02	7.104e+02
El: 8 - C.c: 3	4.650e+02	-4.596e+02	6.566e+00	-8.566e+00	-3.480e+00	3.480e+00	8.384e+00	-8.384e+00	6.809e+01	2.799e+02	2.524e+02	5.042e+02
El: 9 - C.c: 3	4.635e+02	-4.580e+02	8.906e+00	-8.906e+00	-2.367e+00	4.367e+00	1.308e+01	-1.308e+01	4.398e+01	2.928e+02	3.355e+02	5.550e+02
El: 3 - C.c:	4.771e+02	-4.716e+02	8.751e+00	-8.751e+00	-4.626e+00	2.626e+00	7.521e+00	-7.521e+00	9.438e+01	2.682e+02	3.280e+02	5.471e+02

COMUNE DI PRAIANO c_g976 0007113 Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 Ingresso 09/09/2024 12:39

Elem./C.c.		Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
10													
El: 11	3 - C.c:	4.650e+02	-4.596e+02	6.566e+00	-8.566e+00	-3.480e+00	3.480e+00	8.384e+00	-8.384e+00	6.809e+01	2.799e+02	2.524e+02	5.042e+02
El: 12	3 - C.c:	4.635e+02	-4.580e+02	8.906e+00	-8.906e+00	-2.367e+00	4.367e+00	1.308e+01	-1.308e+01	4.398e+01	2.928e+02	3.355e+02	5.550e+02
El: 13	3 - C.c:	4.771e+02	-4.716e+02	8.751e+00	-8.751e+00	-4.626e+00	2.626e+00	7.521e+00	-7.521e+00	9.438e+01	2.682e+02	3.280e+02	5.471e+02
El: 1	4 - C.c:	1.140e+03	-1.133e+03	1.311e+01	-1.011e+01	-3.249e+00	3.249e+00	-1.343e+00	1.343e+00	4.666e+01	2.782e+02	4.747e+02	6.864e+02
El: 2	4 - C.c:	8.772e+02	-8.718e+02	9.696e+00	-7.696e+00	-2.493e+00	2.493e+00	-1.929e+00	1.929e+00	3.562e+01	2.137e+02	3.503e+02	5.193e+02
El: 3	4 - C.c:	8.803e+02	-8.749e+02	7.667e+00	-7.267e+00	-2.461e+00	2.461e+00	-6.584e+00	6.584e+00	3.418e+01	2.119e+02	2.728e+02	4.739e+02
El: 4	4 - C.c:	8.811e+02	-8.756e+02	7.160e+00	-7.160e+00	-2.453e+00	2.453e+00	-7.748e+00	7.748e+00	3.382e+01	2.115e+02	2.534e+02	4.626e+02
El: 5	4 - C.c:	1.151e+03	-1.144e+03	5.503e+00	-8.503e+00	-3.130e+00	3.130e+00	-1.880e+01	1.880e+01	4.128e+01	2.718e+02	1.840e+02	5.163e+02
El: 6	4 - C.c:	1.185e+03	-1.178e+03	9.358e+00	-9.358e+00	-1.519e+00	4.519e+00	-1.307e+01	1.307e+01	7.549e+00	2.944e+02	3.328e+02	6.030e+02
El: 7	4 - C.c:	1.106e+03	-1.099e+03	9.257e+00	-9.257e+00	-4.860e+00	1.860e+00	-7.077e+00	7.077e+00	8.039e+01	2.556e+02	3.260e+02	5.997e+02
El: 8	4 - C.c:	8.849e+02	-8.795e+02	4.623e+00	-6.623e+00	-2.414e+00	2.414e+00	-1.357e+01	1.357e+01	3.203e+01	2.094e+02	1.565e+02	4.059e+02
El: 9	4 - C.c:	9.075e+02	-9.021e+02	7.193e+00	-7.193e+00	-1.340e+00	3.340e+00	-9.745e+00	9.745e+00	9.543e+00	2.245e+02	2.556e+02	4.637e+02
El: 10	4 - C.c:	8.546e+02	-8.492e+02	7.126e+00	-7.126e+00	-3.567e+00	1.567e+00	-5.751e+00	5.751e+00	5.810e+01	1.986e+02	2.511e+02	4.615e+02
El: 11	4 - C.c:	8.849e+02	-8.795e+02	4.623e+00	-6.623e+00	-2.414e+00	2.414e+00	-1.357e+01	1.357e+01	3.203e+01	2.094e+02	1.565e+02	4.059e+02
El: 12	4 - C.c:	9.075e+02	-9.021e+02	7.193e+00	-7.193e+00	-1.340e+00	3.340e+00	-9.745e+00	9.745e+00	9.543e+00	2.245e+02	2.556e+02	4.637e+02
El: 13	4 - C.c:	8.546e+02	-8.492e+02	7.126e+00	-7.126e+00	-3.567e+00	1.567e+00	-5.751e+00	5.751e+00	5.810e+01	1.986e+02	2.511e+02	4.615e+02
El: 1	5 - C.c:	3.984e+02	-3.913e+02	4.558e+00	-1.558e+00	-2.564e+00	2.564e+00	-1.475e+01	1.475e+01	-2.468e+02	5.032e+02	1.919e+02	1.139e+02
El: 2	5 - C.c:	3.053e+02	-2.999e+02	3.090e+00	-1.090e+00	-1.971e+00	1.971e+00	-1.208e+01	1.208e+01	-1.900e+02	3.871e+02	1.318e+02	7.714e+01
El: 3	5 - C.c:	2.993e+02	-2.939e+02	9.253e-01	-5.253e-01	-1.965e+00	1.965e+00	-1.591e+01	1.591e+01	-1.905e+02	3.870e+02	4.976e+01	2.277e+01
El: 4	5 - C.c:	2.978e+02	-2.924e+02	3.841e-01	-3.841e-01	-1.964e+00	1.964e+00	-1.686e+01	1.686e+01	-1.906e+02	3.870e+02	2.924e+01	9.178e+00
El: 5	5 - C.c:	3.760e+02	-3.689e+02	-3.559e+00	5.591e-01	-2.542e+00	2.542e+00	-2.909e+01	2.909e+01	-2.488e+02	5.030e+02	-1.159e+02	-9.001e+01
El: 6	5 - C.c:	3.874e+02	-3.803e+02	6.161e-01	-6.161e-01	5.341e+00	-2.341e+00	-3.584e+01	3.584e+01	-6.423e+02	2.582e+02	4.377e+01	1.783e+01
El: 7	5 - C.c:	3.870e+02	-3.799e+02	3.827e-01	-3.827e-01	-1.045e+01	7.446e+00	-8.003e+00	8.003e+00	1.467e+02	7.480e+02	3.224e+01	6.031e+00
El: 8	5 - C.c:	2.904e+02	-2.850e+02	-2.322e+00	3.215e-01	-1.956e+00	1.956e+00	-2.164e+01	2.164e+01	-1.913e+02	3.869e+02	-7.337e+01	-5.878e+01
El: 9	5 - C.c:	2.980e+02	-2.925e+02	4.619e-01	-4.619e-01	3.299e+00	-1.299e+00	-2.614e+01	2.614e+01	-4.536e+02	2.237e+02	3.308e+01	1.311e+01
El: 10	5 - C.c:	2.977e+02	-2.923e+02	3.063e-01	-3.063e-01	-7.226e+00	5.226e+00	-7.583e+00	7.583e+00	7.236e+01	5.503e+02	2.539e+01	5.245e+00
El: 11	5 - C.c:	2.904e+02	-2.850e+02	-2.322e+00	3.215e-01	-1.956e+00	1.956e+00	-2.164e+01	2.164e+01	-1.913e+02	3.869e+02	-7.337e+01	-5.878e+01
El: 12	5 - C.c:	2.980e+02	-2.925e+02	4.619e-01	-4.619e-01	3.299e+00	-1.299e+00	-2.614e+01	2.614e+01	-4.536e+02	2.237e+02	3.308e+01	1.311e+01
El: 13	5 - C.c:	2.977e+02	-2.923e+02	3.063e-01	-3.063e-01	-7.226e+00	5.226e+00	-7.583e+00	7.583e+00	7.236e+01	5.503e+02	2.539e+01	5.245e+00
El: 1	6 - C.c:	4.197e+02	-4.126e+02	4.715e+00	-1.715e+00	1.444e+01	-1.444e+01	-4.753e+00	4.753e+00	-4.957e+02	-9.481e+02	1.920e+02	1.296e+02
El: 2	6 - C.c:	3.223e+02	-3.168e+02	3.235e+00	-1.235e+00	1.111e+01	-1.111e+01	-3.901e+00	3.901e+00	-3.812e+02	-7.293e+02	1.324e+02	9.110e+01
El: 3	6 - C.c:	3.193e+02	-3.139e+02	1.197e+00	-7.972e-01	1.110e+01	-1.110e+01	-5.171e+00	5.171e+00	-3.806e+02	-7.292e+02	5.324e+01	4.647e+01
El: 4	6 - C.c:	3.186e+02	-3.132e+02	6.876e-01	-6.876e-01	1.110e+01	-1.110e+01	-5.489e+00	5.489e+00	-3.805e+02	-7.291e+02	3.345e+01	3.531e+01
El: 5	6 - C.c:	4.087e+02	-4.016e+02	-2.928e+00	-7.238e-02	1.441e+01	-1.441e+01	-9.518e+00	9.518e+00	-4.935e+02	-9.477e+02	-1.050e+02	-3.777e+01
El: 6	6 - C.c:	4.277e+02	-4.206e+02	1.153e+00	-1.153e+00	1.598e+01	-1.298e+01	-9.151e+00	9.151e+00	-5.233e+02	-9.243e+02	5.758e+01	5.770e+01
El: 7	6 - C.c:	4.007e+02	-3.936e+02	6.350e-01	-6.350e-01	1.287e+01	-1.587e+01	-5.120e+00	5.120e+00	-4.659e+02	-9.715e+02	2.938e+01	3.412e+01
El: 8	6 - C.c:	3.149e+02	-3.095e+02	-1.860e+00	-1.399e-01	1.109e+01	-1.109e+01	-7.077e+00	7.077e+00	-3.798e+02	-7.290e+02	-6.553e+01	-2.047e+01
El: 9	6 - C.c:	3.276e+02	-3.222e+02	8.602e-01	-8.602e-01	1.213e+01	-1.013e+01	-6.833e+00	6.833e+00	-3.996e+02	-7.134e+02	4.285e+01	4.318e+01
El: 10	6 - C.c:	3.096e+02	-3.042e+02	5.150e-01	-5.150e-01	1.006e+01	-1.206e+01	-4.145e+00	4.145e+00	-3.614e+02	-7.449e+02	2.405e+01	2.745e+01

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Elem./C.c.		Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 11	6 - C.c:	3.149e+02	-3.095e+02	-1.860e+00	-1.399e-01	1.109e+01	-1.109e+01	-7.077e+00	7.077e+00	-3.798e+02	-7.290e+02	-6.553e+01	-2.047e+01
El: 12	6 - C.c:	3.276e+02	-3.222e+02	8.602e-01	-8.602e-01	1.213e+01	-1.013e+01	-6.833e+00	6.833e+00	-3.996e+02	-7.134e+02	4.285e+01	4.318e+01
El: 13	6 - C.c:	3.096e+02	-3.042e+02	5.150e-01	-5.150e-01	1.006e+01	-1.206e+01	-4.145e+00	4.145e+00	-3.614e+02	-7.449e+02	2.405e+01	2.745e+01
El: 1	7 - C.c:	8.136e+02	-8.065e+02	-4.046e+00	7.046e+00	1.522e+01	-1.522e+01	2.149e+00	-2.149e+00	-5.461e+02	-9.763e+02	-9.783e+01	-4.568e+02
El: 2	7 - C.c:	6.259e+02	-6.204e+02	-3.535e+00	5.535e+00	1.167e+01	-1.167e+01	7.919e-01	-7.919e-01	-4.176e+02	-7.492e+02	-9.151e+01	-3.620e+02
El: 3	7 - C.c:	6.259e+02	-6.205e+02	-5.732e+00	6.132e+00	1.145e+01	-1.145e+01	-3.688e+00	3.688e+00	-4.050e+02	-7.397e+02	-1.760e+02	-4.172e+02
El: 4	7 - C.c:	6.259e+02	-6.205e+02	-6.281e+00	6.281e+00	1.139e+01	-1.139e+01	-4.808e+00	4.808e+00	-4.019e+02	-7.373e+02	-1.971e+02	-4.310e+02
El: 5	7 - C.c:	8.138e+02	-8.068e+02	-1.228e+01	9.285e+00	1.439e+01	-1.439e+01	-1.465e+01	1.465e+01	-4.988e+02	-9.406e+02	-4.147e+02	-6.638e+02
El: 6	7 - C.c:	8.140e+02	-8.069e+02	-7.884e+00	7.884e+00	1.744e+01	-1.444e+01	-6.572e+00	6.572e+00	-6.065e+02	-9.873e+02	-2.414e+02	-5.471e+02
El: 7	7 - C.c:	8.135e+02	-8.064e+02	-8.447e+00	8.447e+00	1.218e+01	-1.518e+01	-5.929e+00	5.929e+00	-4.384e+02	-9.296e+02	-2.712e+02	-5.735e+02
El: 8	7 - C.c:	6.260e+02	-6.206e+02	-9.027e+00	7.027e+00	1.112e+01	-1.112e+01	-1.041e+01	1.041e+01	-3.861e+02	-7.254e+02	-3.027e+02	-5.000e+02
El: 9	7 - C.c:	6.261e+02	-6.207e+02	-6.094e+00	6.094e+00	1.314e+01	-1.114e+01	-5.023e+00	5.023e+00	-4.579e+02	-7.565e+02	-1.872e+02	-4.222e+02
El: 10	7 - C.c:	6.258e+02	-6.203e+02	-6.469e+00	6.469e+00	9.639e+00	-1.164e+01	-4.593e+00	4.593e+00	-3.458e+02	-7.181e+02	-2.071e+02	-4.398e+02
El: 11	7 - C.c:	6.260e+02	-6.206e+02	-9.027e+00	7.027e+00	1.112e+01	-1.112e+01	-1.041e+01	1.041e+01	-3.861e+02	-7.254e+02	-3.027e+02	-5.000e+02
El: 12	7 - C.c:	6.261e+02	-6.207e+02	-6.094e+00	6.094e+00	1.314e+01	-1.114e+01	-5.023e+00	5.023e+00	-4.579e+02	-7.565e+02	-1.872e+02	-4.222e+02
El: 13	7 - C.c:	6.258e+02	-6.203e+02	-6.469e+00	6.469e+00	9.639e+00	-1.164e+01	-4.593e+00	4.593e+00	-3.458e+02	-7.181e+02	-2.071e+02	-4.398e+02
El: 1	8 - C.c:	3.100e+02	-3.029e+02	-3.912e+00	6.912e+00	-3.496e-01	3.496e-01	1.588e+01	-1.588e+01	-3.105e+01	6.601e+01	-4.567e+01	-4.956e+02
El: 2	8 - C.c:	2.385e+02	-2.330e+02	-3.624e+00	5.624e+00	-3.143e-01	3.143e-01	1.051e+01	-1.051e+01	-2.136e+01	5.279e+01	-6.233e+01	-4.000e+02
El: 3	8 - C.c:	2.385e+02	-2.331e+02	-6.818e+00	7.218e+00	-5.504e-01	5.504e-01	1.639e+00	-1.639e+00	-8.233e+00	6.327e+01	-2.037e+02	-4.980e+02
El: 4	8 - C.c:	2.385e+02	-2.331e+02	-7.616e+00	7.616e+00	-6.094e-01	6.094e-01	-5.794e-01	5.794e-01	-4.952e+00	6.589e+01	-2.391e+02	-5.225e+02
El: 5	8 - C.c:	3.101e+02	-3.031e+02	-1.589e+01	1.289e+01	-1.235e+00	1.235e+00	-1.739e+01	1.739e+01	1.817e+01	1.053e+02	-5.759e+02	-8.630e+02
El: 6	8 - C.c:	3.106e+02	-3.035e+02	-9.827e+00	9.827e+00	1.709e+00	1.291e+00	2.522e+00	-2.522e+00	-8.630e+01	6.537e+01	-3.081e+02	-6.747e+02
El: 7	8 - C.c:	3.096e+02	-3.025e+02	-9.975e+00	9.975e+00	-3.294e+00	2.937e-01	-4.029e+00	4.029e+00	7.343e+01	1.059e+02	-3.136e+02	-6.839e+02
El: 8	8 - C.c:	2.386e+02	-2.331e+02	-1.161e+01	9.609e+00	-9.044e-01	9.044e-01	-1.167e+01	1.167e+01	1.145e+01	7.899e+01	-4.158e+02	-6.450e+02
El: 9	8 - C.c:	2.389e+02	-2.334e+02	-7.567e+00	7.567e+00	1.058e+00	9.417e-01	1.604e+00	-1.604e+00	-5.820e+01	5.237e+01	-2.372e+02	-5.194e+02
El: 10	8 - C.c:	2.382e+02	-2.327e+02	-7.665e+00	7.665e+00	-2.277e+00	2.771e-01	-2.763e+00	2.763e+00	4.829e+01	7.941e+01	-2.409e+02	-5.256e+02
El: 11	8 - C.c:	2.386e+02	-2.331e+02	-1.161e+01	9.609e+00	-9.044e-01	9.044e-01	-1.167e+01	1.167e+01	1.145e+01	7.899e+01	-4.158e+02	-6.450e+02
El: 12	8 - C.c:	2.389e+02	-2.334e+02	-7.567e+00	7.567e+00	1.058e+00	9.417e-01	1.604e+00	-1.604e+00	-5.820e+01	5.237e+01	-2.372e+02	-5.194e+02
El: 13	8 - C.c:	2.382e+02	-2.327e+02	-7.665e+00	7.665e+00	-2.277e+00	2.771e-01	-2.763e+00	2.763e+00	4.829e+01	7.941e+01	-2.409e+02	-5.256e+02
El: 1	9 - C.c:	7.383e+02	-7.312e+02	1.547e+01	-1.247e+01	1.806e+01	-1.806e+01	-1.562e+01	1.562e+01	-6.595e+02	-1.147e+03	5.948e+02	8.022e+02
El: 2	9 - C.c:	5.678e+02	-5.623e+02	1.127e+01	-9.274e+00	1.389e+01	-1.389e+01	-1.262e+01	1.262e+01	-5.073e+02	-8.821e+02	4.298e+02	5.976e+02
El: 3	9 - C.c:	5.672e+02	-5.618e+02	8.020e+00	-7.620e+00	1.388e+01	-1.388e+01	-1.579e+01	1.579e+01	-5.073e+02	-8.807e+02	2.857e+02	4.963e+02
El: 4	9 - C.c:	5.671e+02	-5.616e+02	7.207e+00	-7.207e+00	1.388e+01	-1.388e+01	-1.658e+01	1.658e+01	-5.072e+02	-8.804e+02	2.497e+02	4.710e+02
El: 5	9 - C.c:	7.361e+02	-7.291e+02	3.268e+00	-6.268e+00	1.801e+01	-1.801e+01	-2.750e+01	2.750e+01	-6.594e+02	-1.142e+03	5.447e+01	4.223e+02
El: 6	9 - C.c:	7.374e+02	-7.303e+02	9.505e+00	-9.505e+00	1.980e+01	-1.680e+01	-2.636e+01	2.636e+01	-6.991e+02	-1.131e+03	3.309e+02	6.195e+02
El: 7	9 - C.c:	7.370e+02	-7.300e+02	9.233e+00	-9.233e+00	1.628e+01	-1.928e+01	-1.676e+01	1.676e+01	-6.198e+02	-1.158e+03	3.183e+02	6.050e+02
El: 8	9 - C.c:	5.664e+02	-5.609e+02	3.140e+00	-5.140e+00	1.386e+01	-1.386e+01	-2.054e+01	2.054e+01	-5.072e+02	-8.787e+02	6.961e+01	3.444e+02
El: 9	9 - C.c:	5.672e+02	-5.618e+02	7.297e+00	-7.297e+00	1.505e+01	-1.305e+01	-1.978e+01	1.978e+01	-5.337e+02	-8.711e+02	2.539e+02	4.758e+02
El: 10	9 - C.c:	5.670e+02	-5.615e+02	7.116e+00	-7.116e+00	1.270e+01	-1.470e+01	-1.338e+01	1.338e+01	-4.808e+02	-8.896e+02	2.455e+02	4.661e+02
El:	9 - C.c:	5.664e+02	-5.609e+02	3.140e+00	-5.140e+00	1.386e+01	-1.386e+01	-2.054e+01	2.054e+01	-5.072e+02	-8.787e+02	6.961e+01	3.444e+02

Interventi volti all'installazione di un ponteggio nell'ambito del progetto di riqualificazione paesaggistica ed ambientale del Complesso denominato "La Torricella" ed aree annesse.

COMUNE DI PRAIANO cc_g976 0007103 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO cc_g976 0007619 - Ingresso 09/09/2024 12:39

Elem./C.c.		Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
11													
El: 12	9 - C.c:	5.672e+02	-5.618e+02	7.297e+00	-7.297e+00	1.505e+01	-1.305e+01	-1.978e+01	1.978e+01	-5.337e+02	-8.711e+02	2.539e+02	4.758e+02
El: 13	9 - C.c:	5.670e+02	-5.615e+02	7.116e+00	-7.116e+00	1.270e+01	-1.470e+01	-1.338e+01	1.338e+01	-4.808e+02	-8.896e+02	2.455e+02	4.661e+02
El: 1	10 - C.c:	4.198e+02	-4.127e+02	-5.873e-17	3.000e+00	2.565e-15	-2.565e-15	9.440e-16	-9.440e-16	1.124e-12	1.787e-13	-2.837e-15	-1.500e+02
El: 2	10 - C.c:	3.229e+02	-3.174e+02	-4.518e-17	2.000e+00	1.973e-15	-1.973e-15	6.949e-16	-6.949e-16	8.647e-13	1.375e-13	-1.635e-15	-1.000e+02
El: 3	10 - C.c:	3.226e+02	-3.171e+02	-4.518e-17	4.000e-01	1.976e-15	-1.976e-15	5.327e-16	-5.327e-16	8.647e-13	1.374e-13	1.207e-15	-2.000e+01
El: 4	10 - C.c:	3.225e+02	-3.171e+02	-4.518e-17	4.518e-17	1.977e-15	-1.977e-15	4.921e-16	-4.921e-16	8.647e-13	1.373e-13	1.917e-15	-1.458e-15
El: 5	10 - C.c:	4.187e+02	-4.116e+02	-5.873e-17	-3.000e+00	2.576e-15	-2.576e-15	3.354e-16	-3.354e-16	1.124e-12	1.784e-13	7.822e-15	1.500e+02
El: 6	10 - C.c:	4.212e+02	-4.141e+02	-5.472e-17	5.472e-17	-7.604e-16	3.000e+00	-5.418e-16	5.418e-16	1.295e-12	1.500e+02	3.557e-16	-2.159e-15
El: 7	10 - C.c:	4.173e+02	-4.102e+02	-6.274e-17	6.274e-17	5.901e-15	-3.000e+00	1.821e-15	-1.821e-15	9.536e-13	-1.500e+02	4.629e-15	-1.632e-15
El: 8	10 - C.c:	3.221e+02	-3.167e+02	-4.518e-17	-2.000e+00	1.981e-15	-1.981e-15	2.892e-16	-2.892e-16	8.646e-13	1.372e-13	5.470e-15	1.000e+02
El: 9	10 - C.c:	3.238e+02	-3.184e+02	-4.251e-17	4.251e-17	-2.433e-16	2.000e+00	-2.956e-16	2.956e-16	9.784e-13	1.000e+02	4.927e-16	-1.634e-15
El: 10	10 - C.c:	3.212e+02	-3.158e+02	-4.785e-17	4.785e-17	4.198e-15	-2.000e+00	1.280e-15	-1.280e-15	7.510e-13	-1.000e+02	3.342e-15	-1.282e-15
El: 11	10 - C.c:	3.221e+02	-3.167e+02	-4.518e-17	-2.000e+00	1.981e-15	-1.981e-15	2.892e-16	-2.892e-16	8.646e-13	1.372e-13	5.470e-15	1.000e+02
El: 12	10 - C.c:	3.238e+02	-3.184e+02	-4.251e-17	4.251e-17	-2.433e-16	2.000e+00	-2.956e-16	2.956e-16	9.784e-13	1.000e+02	4.927e-16	-1.634e-15
El: 13	10 - C.c:	3.212e+02	-3.158e+02	-4.785e-17	4.785e-17	4.198e-15	-2.000e+00	1.280e-15	-1.280e-15	7.510e-13	-1.000e+02	3.342e-15	-1.282e-15
El: 1	11 - C.c:	2.140e+02	-2.070e+02	1.803e+00	1.197e+00	3.955e+01	-3.955e+01	-1.587e+01	1.587e+01	-1.771e+03	-2.184e+03	-1.295e+01	4.328e+01
El: 2	11 - C.c:	1.644e+02	-1.589e+02	1.394e+00	6.055e-01	3.042e+01	-3.042e+01	-1.157e+01	1.157e+01	-1.363e+03	-1.680e+03	-2.052e+00	4.150e+01
El: 3	11 - C.c:	1.628e+02	-1.574e+02	1.433e+00	-1.033e+00	3.042e+01	-3.042e+01	-8.278e+00	8.278e+00	-1.362e+03	-1.679e+03	3.908e+01	8.418e+01
El: 4	11 - C.c:	1.625e+02	-1.570e+02	1.442e+00	-1.442e+00	3.042e+01	-3.042e+01	-7.454e+00	7.454e+00	-1.362e+03	-1.679e+03	4.936e+01	9.484e+01
El: 5	11 - C.c:	2.083e+02	-2.013e+02	1.946e+00	-4.946e+00	3.953e+01	-3.953e+01	-3.514e+00	3.514e+00	-1.771e+03	-2.182e+03	1.413e+02	2.033e+02
El: 6	11 - C.c:	2.144e+02	-2.074e+02	1.694e+00	-1.694e+00	4.116e+01	-3.816e+01	-9.518e+00	9.518e+00	-1.800e+03	-2.167e+03	5.350e+01	1.159e+02
El: 7	11 - C.c:	2.080e+02	-2.009e+02	2.056e+00	-2.056e+00	3.792e+01	-4.092e+01	-9.863e+00	9.863e+00	-1.743e+03	-2.199e+03	7.485e+01	1.307e+02
El: 8	11 - C.c:	1.606e+02	-1.551e+02	1.490e+00	-3.490e+00	3.041e+01	-3.041e+01	-3.337e+00	3.337e+00	-1.362e+03	-1.679e+03	1.008e+02	1.482e+02
El: 9	11 - C.c:	1.646e+02	-1.592e+02	1.321e+00	-1.321e+00	3.150e+01	-2.950e+01	-7.339e+00	7.339e+00	-1.381e+03	-1.668e+03	4.225e+01	8.989e+01
El: 10	11 - C.c:	1.603e+02	-1.549e+02	1.563e+00	-1.563e+00	2.934e+01	-3.134e+01	-7.569e+00	7.569e+00	-1.343e+03	-1.690e+03	5.648e+01	9.980e+01
El: 11	11 - C.c:	1.606e+02	-1.551e+02	1.490e+00	-3.490e+00	3.041e+01	-3.041e+01	-3.337e+00	3.337e+00	-1.362e+03	-1.679e+03	1.008e+02	1.482e+02
El: 12	11 - C.c:	1.646e+02	-1.592e+02	1.321e+00	-1.321e+00	3.150e+01	-2.950e+01	-7.339e+00	7.339e+00	-1.381e+03	-1.668e+03	4.225e+01	8.989e+01
El: 13	11 - C.c:	1.603e+02	-1.549e+02	1.563e+00	-1.563e+00	2.934e+01	-3.134e+01	-7.569e+00	7.569e+00	-1.343e+03	-1.690e+03	5.648e+01	9.980e+01
El: 1	12 - C.c:	1.969e+02	-1.899e+02	2.121e+00	8.787e-01	-4.551e+01	4.551e+01	-1.487e+01	1.487e+01	2.029e+03	2.522e+03	-7.101e+00	6.924e+01
El: 2	12 - C.c:	1.514e+02	-1.460e+02	1.579e+00	4.210e-01	-3.500e+01	3.500e+01	-1.128e+01	1.128e+01	1.561e+03	1.940e+03	-1.283e+00	5.918e+01
El: 3	12 - C.c:	1.509e+02	-1.455e+02	1.304e+00	-9.042e-01	-3.500e+01	3.500e+01	-1.048e+01	1.048e+01	1.560e+03	1.940e+03	2.045e+01	8.997e+01
El: 4	12 - C.c:	1.508e+02	-1.454e+02	1.235e+00	-1.235e+00	-3.500e+01	3.500e+01	-1.028e+01	1.028e+01	1.560e+03	1.939e+03	2.588e+01	9.767e+01
El: 5	12 - C.c:	1.951e+02	-1.881e+02	1.091e+00	-4.091e+00	-4.548e+01	4.548e+01	-1.187e+01	1.187e+01	2.028e+03	2.521e+03	7.440e+01	1.847e+02
El: 6	12 - C.c:	1.963e+02	-1.893e+02	1.497e+00	-1.497e+00	-4.385e+01	4.685e+01	-1.404e+01	1.404e+01	2.000e+03	2.535e+03	2.668e+01	1.230e+02
El: 7	12 - C.c:	1.957e+02	-1.887e+02	1.715e+00	-1.715e+00	-4.714e+01	4.414e+01	-1.270e+01	1.270e+01	2.056e+03	2.508e+03	4.061e+01	1.309e+02
El: 8	12 - C.c:	1.502e+02	-1.448e+02	8.920e-01	-2.892e+00	-3.499e+01	3.499e+01	-9.287e+00	9.287e+00	1.560e+03	1.939e+03	5.305e+01	1.362e+02
El: 9	12 - C.c:	1.510e+02	-1.456e+02	1.163e+00	-1.163e+00	-3.390e+01	3.590e+01	-1.073e+01	1.073e+01	1.541e+03	1.948e+03	2.124e+01	9.504e+01
El: 10	12 - C.c:	1.506e+02	-1.452e+02	1.308e+00	-1.308e+00	-3.609e+01	3.409e+01	-9.835e+00	9.835e+00	1.579e+03	1.930e+03	3.053e+01	1.003e+02
El: 11	12 - C.c:	1.502e+02	-1.448e+02	8.920e-01	-2.892e+00	-3.499e+01	3.499e+01	-9.287e+00	9.287e+00	1.560e+03	1.939e+03	5.305e+01	1.362e+02

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 12 - 12 - C.c:	1.510e+02	-1.456e+02	1.163e+00	-1.163e+00	-3.390e+01	3.590e+01	-1.073e+01	1.073e+01	1.541e+03	1.948e+03	2.124e+01	9.504e+01
El: 13 - 12 - C.c:	1.506e+02	-1.452e+02	1.308e+00	-1.308e+00	-3.609e+01	3.409e+01	-9.835e+00	9.835e+00	1.579e+03	1.930e+03	3.053e+01	1.003e+02
El: 1 - 13 - C.c:	1.517e+02	-1.446e+02	-3.097e+01	3.397e+01	-1.555e+00	1.555e+00	1.065e+01	-1.065e+01	5.276e+01	1.027e+02	-1.482e+03	-1.766e+03
El: 2 - 13 - C.c:	1.165e+02	-1.111e+02	-2.384e+01	2.584e+01	-1.221e+00	1.221e+00	7.381e+00	-7.381e+00	4.192e+01	8.016e+01	-1.132e+03	-1.352e+03
El: 3 - 13 - C.c:	1.157e+02	-1.102e+02	-2.391e+01	2.431e+01	-1.351e+00	1.351e+00	3.149e+00	-3.149e+00	4.889e+01	8.623e+01	-1.095e+03	-1.316e+03
El: 4 - 13 - C.c:	1.154e+02	-1.100e+02	-2.392e+01	2.392e+01	-1.384e+00	1.384e+00	2.092e+00	-2.092e+00	5.064e+01	8.774e+01	-1.085e+03	-1.307e+03
El: 5 - 13 - C.c:	1.485e+02	-1.414e+02	-3.123e+01	2.823e+01	-2.043e+00	2.043e+00	-5.215e+00	5.215e+00	7.890e+01	1.254e+02	-1.340e+03	-1.632e+03
El: 6 - 13 - C.c:	1.498e+02	-1.428e+02	-3.128e+01	3.128e+01	-3.824e-01	3.382e+00	1.533e+00	-1.533e+00	5.300e+01	1.352e+02	-1.420e+03	-1.708e+03
El: 7 - 13 - C.c:	1.503e+02	-1.433e+02	-3.092e+01	3.092e+01	-3.215e+00	2.154e-01	3.905e+00	-3.905e+00	7.865e+01	9.289e+01	-1.402e+03	-1.690e+03
El: 8 - 13 - C.c:	1.144e+02	-1.089e+02	-2.401e+01	2.201e+01	-1.547e+00	1.547e+00	-3.198e+00	3.198e+00	5.935e+01	9.532e+01	-1.038e+03	-1.263e+03
El: 9 - 13 - C.c:	1.153e+02	-1.098e+02	-2.404e+01	2.404e+01	-4.394e-01	2.439e+00	1.301e+00	-1.301e+00	4.209e+01	1.019e+02	-1.091e+03	-1.313e+03
El: 10 - 13 - C.c:	1.156e+02	-1.102e+02	-2.380e+01	2.380e+01	-2.328e+00	3.281e-01	2.882e+00	-2.882e+00	5.919e+01	7.362e+01	-1.079e+03	-1.301e+03
El: 11 - 13 - C.c:	1.144e+02	-1.089e+02	-2.401e+01	2.201e+01	-1.547e+00	1.547e+00	-3.198e+00	3.198e+00	5.935e+01	9.532e+01	-1.038e+03	-1.263e+03
El: 12 - 13 - C.c:	1.153e+02	-1.098e+02	-2.404e+01	2.404e+01	-4.394e-01	2.439e+00	1.301e+00	-1.301e+00	4.209e+01	1.019e+02	-1.091e+03	-1.313e+03
El: 13 - 13 - C.c:	1.156e+02	-1.102e+02	-2.380e+01	2.380e+01	-2.328e+00	3.281e-01	2.882e+00	-2.882e+00	5.919e+01	7.362e+01	-1.079e+03	-1.301e+03
El: 1 - 14 - C.c:	4.138e+02	-4.067e+02	-2.325e+01	2.625e+01	3.894e+01	-3.894e+01	-3.295e+00	3.295e+00	-1.815e+03	-2.079e+03	-1.139e+03	-1.336e+03
El: 2 - 14 - C.c:	3.183e+02	-3.129e+02	-1.785e+01	1.985e+01	2.991e+01	-2.991e+01	-2.904e+00	2.904e+00	-1.394e+03	-1.597e+03	-8.681e+02	-1.017e+03
El: 3 - 14 - C.c:	3.183e+02	-3.128e+02	-1.769e+01	1.809e+01	2.968e+01	-2.968e+01	-4.823e+00	4.823e+00	-1.384e+03	-1.584e+03	-8.281e+02	-9.611e+02
El: 4 - 14 - C.c:	3.182e+02	-3.128e+02	-1.765e+01	1.765e+01	2.962e+01	-2.962e+01	-5.303e+00	5.303e+00	-1.382e+03	-1.580e+03	-8.181e+02	-9.471e+02
El: 5 - 14 - C.c:	4.136e+02	-4.066e+02	-2.265e+01	1.965e+01	3.807e+01	-3.807e+01	-1.049e+01	1.049e+01	-1.777e+03	-2.029e+03	-9.884e+02	-1.126e+03
El: 6 - 14 - C.c:	4.141e+02	-4.070e+02	-2.312e+01	2.312e+01	3.994e+01	-3.694e+01	-7.738e+00	7.738e+00	-1.814e+03	-2.030e+03	-1.073e+03	-1.239e+03
El: 7 - 14 - C.c:	4.134e+02	-4.063e+02	-2.278e+01	2.278e+01	3.707e+01	-4.007e+01	-6.051e+00	6.051e+00	-1.778e+03	-2.079e+03	-1.054e+03	-1.224e+03
El: 8 - 14 - C.c:	3.182e+02	-3.128e+02	-1.745e+01	1.545e+01	2.933e+01	-2.933e+01	-7.703e+00	7.703e+00	-1.369e+03	-1.563e+03	-7.680e+02	-8.772e+02
El: 9 - 14 - C.c:	3.185e+02	-3.130e+02	-1.777e+01	1.777e+01	3.057e+01	-2.857e+01	-5.865e+00	5.865e+00	-1.393e+03	-1.564e+03	-8.245e+02	-9.520e+02
El: 10 - 14 - C.c:	3.180e+02	-3.126e+02	-1.754e+01	1.754e+01	2.866e+01	-3.066e+01	-4.741e+00	4.741e+00	-1.370e+03	-1.596e+03	-8.116e+02	-9.422e+02
El: 11 - 14 - C.c:	3.182e+02	-3.128e+02	-1.745e+01	1.545e+01	2.933e+01	-2.933e+01	-7.703e+00	7.703e+00	-1.369e+03	-1.563e+03	-7.680e+02	-8.772e+02
El: 12 - 14 - C.c:	3.185e+02	-3.130e+02	-1.777e+01	1.777e+01	3.057e+01	-2.857e+01	-5.865e+00	5.865e+00	-1.393e+03	-1.564e+03	-8.245e+02	-9.520e+02
El: 13 - 14 - C.c:	3.180e+02	-3.126e+02	-1.754e+01	1.754e+01	2.866e+01	-3.066e+01	-4.741e+00	4.741e+00	-1.370e+03	-1.596e+03	-8.116e+02	-9.422e+02
El: 1 - 15 - C.c:	3.764e+02	-3.693e+02	-2.363e+01	2.663e+01	-4.061e+01	4.061e+01	3.440e-01	-3.440e-01	1.818e+03	2.242e+03	-1.148e+03	-1.365e+03
El: 2 - 15 - C.c:	2.895e+02	-2.841e+02	-1.818e+01	2.018e+01	-3.126e+01	3.126e+01	3.085e-01	-3.085e-01	1.400e+03	1.726e+03	-8.772e+02	-1.041e+03
El: 3 - 15 - C.c:	2.894e+02	-2.840e+02	-1.821e+01	1.861e+01	-3.137e+01	3.137e+01	5.370e-01	-5.370e-01	1.405e+03	1.733e+03	-8.486e+02	-9.926e+02
El: 4 - 15 - C.c:	2.894e+02	-2.840e+02	-1.822e+01	1.822e+01	-3.140e+01	3.140e+01	5.941e-01	-5.941e-01	1.406e+03	1.734e+03	-8.414e+02	-9.806e+02
El: 5 - 15 - C.c:	3.761e+02	-3.690e+02	-2.375e+01	2.075e+01	-4.104e+01	4.104e+01	1.201e+00	-1.201e+00	1.837e+03	2.266e+03	-1.040e+03	-1.184e+03
El: 6 - 15 - C.c:	3.764e+02	-3.694e+02	-2.378e+01	2.378e+01	-3.941e+01	4.241e+01	1.964e-01	-1.964e-01	1.816e+03	2.274e+03	-1.099e+03	-1.279e+03
El: 7 - 15 - C.c:	3.760e+02	-3.689e+02	-2.360e+01	2.360e+01	-4.224e+01	3.924e+01	1.348e+00	-1.348e+00	1.839e+03	2.235e+03	-1.089e+03	-1.271e+03
El: 8 - 15 - C.c:	2.893e+02	-2.839e+02	-1.826e+01	1.626e+01	-3.155e+01	3.155e+01	8.796e-01	-8.796e-01	1.412e+03	1.742e+03	-8.056e+02	-9.204e+02
El: 9 - 15 - C.c:	2.896e+02	-2.841e+02	-1.828e+01	1.828e+01	-3.046e+01	3.246e+01	2.102e-01	-2.102e-01	1.398e+03	1.748e+03	-8.446e+02	-9.834e+02
El: 10 - 15 - C.c:	2.892e+02	-2.838e+02	-1.816e+01	1.816e+01	-3.235e+01	3.035e+01	9.780e-01	-9.780e-01	1.414e+03	1.721e+03	-8.382e+02	-9.778e+02
El: 11 - 15 - C.c:	2.893e+02	-2.839e+02	-1.826e+01	1.626e+01	-3.155e+01	3.155e+01	8.796e-01	-8.796e-01	1.412e+03	1.742e+03	-8.056e+02	-9.204e+02
El: 15 - C.c:	2.896e+02	-2.841e+02	-1.828e+01	1.828e+01	-3.046e+01	3.246e+01	2.102e-01	-2.102e-01	1.398e+03	1.748e+03	-8.446e+02	-9.834e+02

COMUNE DI PRAIANO cc_g976 0007103 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO cc_g976 0007619 - Ingresso 09/09/2024 12:39

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
12												
El: 15 - C.c: 13	2.892e+02	-2.838e+02	-1.816e+01	1.816e+01	-3.235e+01	3.035e+01	9.780e-01	-9.780e-01	1.414e+03	1.721e+03	-8.382e+02	-9.778e+02
El: 16 - C.c: 1	3.651e+02	-3.580e+02	2.218e+01	-1.918e+01	4.195e+01	-4.195e+01	1.382e+01	-1.382e+01	-1.930e+03	-2.264e+03	9.363e+02	1.132e+03
El: 16 - C.c: 2	2.809e+02	-2.755e+02	1.706e+01	-1.506e+01	3.227e+01	-3.227e+01	1.014e+01	-1.014e+01	-1.485e+03	-1.742e+03	7.276e+02	8.782e+02
El: 16 - C.c: 3	2.815e+02	-2.761e+02	1.704e+01	-1.664e+01	3.231e+01	-3.231e+01	7.570e+00	-7.570e+00	-1.486e+03	-1.746e+03	7.658e+02	9.182e+02
El: 16 - C.c: 4	2.817e+02	-2.763e+02	1.704e+01	-1.704e+01	3.232e+01	-3.232e+01	6.928e+00	-6.928e+00	-1.486e+03	-1.747e+03	7.753e+02	9.282e+02
El: 16 - C.c: 5	3.673e+02	-3.603e+02	2.211e+01	-2.511e+01	4.209e+01	-4.209e+01	4.188e+00	-4.188e+00	-1.933e+03	-2.277e+03	1.080e+03	1.282e+03
El: 16 - C.c: 6	3.661e+02	-3.590e+02	2.190e+01	-2.190e+01	4.382e+01	-4.082e+01	6.256e+00	-6.256e+00	-1.968e+03	-2.264e+03	9.952e+02	1.195e+03
El: 16 - C.c: 7	3.663e+02	-3.593e+02	2.239e+01	-2.239e+01	4.022e+01	-4.322e+01	1.176e+01	-1.176e+01	-1.895e+03	-2.277e+03	1.021e+03	1.219e+03
El: 16 - C.c: 8	2.825e+02	-2.770e+02	1.701e+01	-1.901e+01	3.237e+01	-3.237e+01	3.716e+00	-3.716e+00	-1.486e+03	-1.751e+03	8.231e+02	9.782e+02
El: 16 - C.c: 9	2.816e+02	-2.762e+02	1.687e+01	-1.687e+01	3.352e+01	-3.152e+01	5.094e+00	-5.094e+00	-1.510e+03	-1.742e+03	7.668e+02	9.203e+02
El: 16 - C.c: 10	2.818e+02	-2.763e+02	1.720e+01	-1.720e+01	3.112e+01	-3.312e+01	8.762e+00	-8.762e+00	-1.461e+03	-1.751e+03	7.839e+02	9.361e+02
El: 16 - C.c: 11	2.825e+02	-2.770e+02	1.701e+01	-1.901e+01	3.237e+01	-3.237e+01	3.716e+00	-3.716e+00	-1.486e+03	-1.751e+03	8.231e+02	9.782e+02
El: 16 - C.c: 12	2.816e+02	-2.762e+02	1.687e+01	-1.687e+01	3.352e+01	-3.152e+01	5.094e+00	-5.094e+00	-1.510e+03	-1.742e+03	7.668e+02	9.203e+02
El: 16 - C.c: 13	2.818e+02	-2.763e+02	1.720e+01	-1.720e+01	3.112e+01	-3.312e+01	8.762e+00	-8.762e+00	-1.461e+03	-1.751e+03	7.839e+02	9.361e+02
El: 17 - C.c: 1	5.805e+02	-5.735e+02	2.068e+01	-1.768e+01	-1.042e+01	1.042e+01	1.584e+01	-1.584e+01	5.186e+02	5.234e+02	8.739e+02	1.044e+03
El: 17 - C.c: 2	4.468e+02	-4.414e+02	1.594e+01	-1.394e+01	-8.017e+00	8.017e+00	1.230e+01	-1.230e+01	3.988e+02	4.029e+02	6.808e+02	8.128e+02
El: 17 - C.c: 3	4.484e+02	-4.430e+02	1.609e+01	-1.569e+01	-8.023e+00	8.023e+00	1.293e+01	-1.293e+01	3.981e+02	4.042e+02	7.253e+02	8.639e+02
El: 17 - C.c: 4	4.488e+02	-4.434e+02	1.613e+01	-1.613e+01	-8.025e+00	8.025e+00	1.308e+01	-1.308e+01	3.979e+02	4.046e+02	7.365e+02	8.766e+02
El: 17 - C.c: 5	5.864e+02	-5.793e+02	2.126e+01	-2.426e+01	-1.044e+01	1.044e+01	1.818e+01	-1.818e+01	5.159e+02	5.285e+02	1.041e+03	1.235e+03
El: 17 - C.c: 6	5.942e+02	-5.871e+02	2.085e+01	-2.085e+01	-8.772e+00	1.177e+01	1.560e+01	-1.560e+01	4.876e+02	5.396e+02	9.507e+02	1.135e+03
El: 17 - C.c: 7	5.727e+02	-5.656e+02	2.109e+01	-2.109e+01	-1.209e+01	9.092e+00	1.842e+01	-1.842e+01	5.469e+02	5.123e+02	9.641e+02	1.145e+03
El: 17 - C.c: 8	4.508e+02	-4.453e+02	1.633e+01	-1.833e+01	-8.032e+00	8.032e+00	1.387e+01	-1.387e+01	3.970e+02	4.063e+02	7.921e+02	9.404e+02
El: 17 - C.c: 9	4.560e+02	-4.505e+02	1.605e+01	-1.605e+01	-6.918e+00	8.918e+00	1.214e+01	-1.214e+01	3.781e+02	4.137e+02	7.320e+02	8.734e+02
El: 17 - C.c: 10	4.416e+02	-4.362e+02	1.621e+01	-1.621e+01	-9.131e+00	7.131e+00	1.403e+01	-1.403e+01	4.177e+02	3.954e+02	7.409e+02	8.799e+02
El: 17 - C.c: 11	4.508e+02	-4.453e+02	1.633e+01	-1.833e+01	-8.032e+00	8.032e+00	1.387e+01	-1.387e+01	3.970e+02	4.063e+02	7.921e+02	9.404e+02
El: 17 - C.c: 12	4.560e+02	-4.505e+02	1.605e+01	-1.605e+01	-6.918e+00	8.918e+00	1.214e+01	-1.214e+01	3.781e+02	4.137e+02	7.320e+02	8.734e+02
El: 17 - C.c: 13	4.416e+02	-4.362e+02	1.621e+01	-1.621e+01	-9.131e+00	7.131e+00	1.403e+01	-1.403e+01	4.177e+02	3.954e+02	7.409e+02	8.799e+02
El: 18 - C.c: 1	3.033e+02	-2.963e+02	2.661e+01	-2.361e+01	-1.917e+01	1.917e+01	-8.943e+00	8.943e+00	8.488e+02	1.069e+03	1.101e+03	1.410e+03
El: 18 - C.c: 2	2.327e+02	-2.273e+02	2.043e+01	-1.843e+01	-1.474e+01	1.474e+01	-7.084e+00	7.084e+00	6.527e+02	8.216e+02	8.511e+02	1.092e+03
El: 18 - C.c: 3	2.296e+02	-2.242e+02	2.020e+01	-1.980e+01	-1.471e+01	1.471e+01	-8.146e+00	8.146e+00	6.515e+02	8.197e+02	8.715e+02	1.129e+03
El: 18 - C.c: 4	2.289e+02	-2.234e+02	2.015e+01	-2.015e+01	-1.470e+01	1.470e+01	-8.412e+00	8.412e+00	6.512e+02	8.193e+02	8.767e+02	1.138e+03
El: 18 - C.c: 5	2.917e+02	-2.846e+02	2.577e+01	-2.877e+01	-1.906e+01	1.906e+01	-1.293e+01	1.293e+01	8.442e+02	1.062e+03	1.178e+03	1.549e+03
El: 18 - C.c: 6	2.988e+02	-2.917e+02	2.612e+01	-2.612e+01	-1.750e+01	2.050e+01	-1.112e+01	1.112e+01	8.191e+02	1.081e+03	1.136e+03	1.477e+03
El: 18 - C.c: 7	2.962e+02	-2.892e+02	2.626e+01	-2.626e+01	-2.073e+01	1.773e+01	-1.075e+01	1.075e+01	8.739e+02	1.049e+03	1.144e+03	1.483e+03
El: 18 - C.c: 8	2.250e+02	-2.195e+02	1.987e+01	-2.187e+01	-1.467e+01	1.467e+01	-9.740e+00	9.740e+00	6.496e+02	8.170e+02	9.023e+02	1.185e+03
El: 18 - C.c: 9	2.297e+02	-2.243e+02	2.010e+01	-2.010e+01	-1.363e+01	1.563e+01	-8.537e+00	8.537e+00	6.329e+02	8.299e+02	8.740e+02	1.136e+03
El: 18 - C.c: 10	2.280e+02	-2.226e+02	2.020e+01	-2.020e+01	-1.578e+01	1.378e+01	-8.287e+00	8.287e+00	6.694e+02	8.087e+02	8.794e+02	1.140e+03
El: 18 - C.c: 11	2.250e+02	-2.195e+02	1.987e+01	-2.187e+01	-1.467e+01	1.467e+01	-9.740e+00	9.740e+00	6.496e+02	8.170e+02	9.023e+02	1.185e+03
El: 18 - C.c: 12	2.297e+02	-2.243e+02	2.010e+01	-2.010e+01	-1.363e+01	1.563e+01	-8.537e+00	8.537e+00	6.329e+02	8.299e+02	8.740e+02	1.136e+03

COMUNE DI PRAIANO cc_g976 0007113 Uscita 07/08/2025 15:08
COMUNE DI PRAIANO cc_g976 0007619 Ingresso 09/09/2024 12:39

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 13 18 - C.c:	2.280e+02	-2.226e+02	2.020e+01	-2.020e+01	-1.578e+01	1.378e+01	-8.287e+00	8.287e+00	6.694e+02	8.087e+02	8.794e+02	1.140e+03
El: 1 19 - C.c:	2.092e+02	-2.021e+02	-8.730e-01	3.873e+00	5.122e+01	-5.122e+01	5.848e+00	-5.848e+00	-2.539e+03	-2.582e+03	-6.523e+01	-1.721e+02
El: 2 19 - C.c:	1.609e+02	-1.555e+02	-8.513e-01	2.851e+00	3.940e+01	-3.940e+01	4.221e+00	-4.221e+00	-1.953e+03	-1.986e+03	-5.559e+01	-1.295e+02
El: 3 19 - C.c:	1.609e+02	-1.555e+02	-1.786e+00	2.186e+00	3.939e+01	-3.939e+01	2.776e+00	-2.776e+00	-1.953e+03	-1.986e+03	-8.371e+01	-1.149e+02
El: 4 19 - C.c:	1.609e+02	-1.555e+02	-2.020e+00	2.020e+00	3.939e+01	-3.939e+01	2.415e+00	-2.415e+00	-1.953e+03	-1.986e+03	-9.075e+01	-1.112e+02
El: 5 19 - C.c:	2.091e+02	-2.021e+02	-4.379e+00	1.379e+00	5.119e+01	-5.119e+01	4.320e-01	-4.320e-01	-2.539e+03	-2.580e+03	-1.707e+02	-1.172e+02
El: 6 19 - C.c:	2.096e+02	-2.026e+02	-2.805e+00	2.805e+00	5.469e+01	-5.169e+01	4.526e-01	-4.526e-01	-2.696e+03	-2.623e+03	-1.269e+02	-1.536e+02
El: 7 19 - C.c:	2.087e+02	-2.016e+02	-2.447e+00	2.447e+00	4.772e+01	-5.072e+01	5.827e+00	-5.827e+00	-2.382e+03	-2.539e+03	-1.091e+02	-1.357e+02
El: 8 19 - C.c:	1.609e+02	-1.554e+02	-3.189e+00	1.189e+00	3.938e+01	-3.938e+01	6.101e-01	-6.101e-01	-1.953e+03	-1.985e+03	-1.259e+02	-9.295e+01
El: 9 19 - C.c:	1.612e+02	-1.558e+02	-2.139e+00	2.139e+00	4.171e+01	-3.971e+01	6.238e-01	-6.238e-01	-2.057e+03	-2.014e+03	-9.668e+01	-1.172e+02
El: 10 19 - C.c:	1.606e+02	-1.551e+02	-1.901e+00	1.901e+00	3.706e+01	-3.906e+01	4.207e+00	-4.207e+00	-1.849e+03	-1.958e+03	-8.481e+01	-1.053e+02
El: 11 19 - C.c:	1.609e+02	-1.554e+02	-3.189e+00	1.189e+00	3.938e+01	-3.938e+01	6.101e-01	-6.101e-01	-1.953e+03	-1.985e+03	-1.259e+02	-9.295e+01
El: 12 19 - C.c:	1.612e+02	-1.558e+02	-2.139e+00	2.139e+00	4.171e+01	-3.971e+01	6.238e-01	-6.238e-01	-2.057e+03	-2.014e+03	-9.668e+01	-1.172e+02
El: 13 19 - C.c:	1.606e+02	-1.551e+02	-1.901e+00	1.901e+00	3.706e+01	-3.906e+01	4.207e+00	-4.207e+00	-1.849e+03	-1.958e+03	-8.481e+01	-1.053e+02
El: 1 20 - C.c:	1.797e+02	-1.726e+02	-1.102e+00	4.102e+00	-5.045e+01	5.045e+01	1.875e+01	-1.875e+01	2.484e+03	2.561e+03	-1.375e+02	-1.227e+02
El: 2 20 - C.c:	1.371e+02	-1.316e+02	-8.182e-01	2.818e+00	-3.880e+01	3.880e+01	1.409e+01	-1.409e+01	1.911e+03	1.970e+03	-9.794e+01	-8.389e+01
El: 3 20 - C.c:	1.311e+02	-1.257e+02	-6.653e-01	1.065e+00	-3.879e+01	3.879e+01	1.235e+01	-1.235e+01	1.910e+03	1.968e+03	-5.714e+01	-2.939e+01
El: 4 20 - C.c:	1.297e+02	-1.242e+02	-6.271e-01	6.271e-01	-3.878e+01	3.878e+01	1.192e+01	-1.192e+01	1.910e+03	1.968e+03	-4.694e+01	-1.577e+01
El: 5 20 - C.c:	1.574e+02	-1.504e+02	-5.286e-01	-2.471e+00	-5.038e+01	5.038e+01	1.225e+01	-1.225e+01	2.483e+03	2.555e+03	1.547e+01	8.167e+01
El: 6 20 - C.c:	1.702e+02	-1.631e+02	-8.536e-01	8.536e-01	-5.016e+01	5.316e+01	9.013e+00	-9.013e+00	2.573e+03	2.593e+03	-6.345e+01	-2.191e+01
El: 7 20 - C.c:	1.669e+02	-1.599e+02	-7.769e-01	7.769e-01	-5.067e+01	4.767e+01	2.198e+01	-2.198e+01	2.393e+03	2.523e+03	-5.859e+01	-1.910e+01
El: 8 20 - C.c:	1.222e+02	-1.168e+02	-4.360e-01	-1.564e+00	-3.876e+01	3.876e+01	9.754e+00	-9.754e+00	1.910e+03	1.966e+03	4.057e+00	5.234e+01
El: 9 20 - C.c:	1.307e+02	-1.253e+02	-6.527e-01	6.527e-01	-3.861e+01	4.061e+01	7.598e+00	-7.598e+00	1.970e+03	1.991e+03	-4.856e+01	-1.671e+01
El: 10 20 - C.c:	1.286e+02	-1.231e+02	-6.016e-01	6.016e-01	-3.895e+01	3.695e+01	1.624e+01	-1.624e+01	1.850e+03	1.945e+03	-4.532e+01	-1.483e+01
El: 11 20 - C.c:	1.222e+02	-1.168e+02	-4.360e-01	-1.564e+00	-3.876e+01	3.876e+01	9.754e+00	-9.754e+00	1.910e+03	1.966e+03	4.057e+00	5.234e+01
El: 12 20 - C.c:	1.307e+02	-1.253e+02	-6.527e-01	6.527e-01	-3.861e+01	4.061e+01	7.598e+00	-7.598e+00	1.970e+03	1.991e+03	-4.856e+01	-1.671e+01
El: 13 20 - C.c:	1.286e+02	-1.231e+02	-6.016e-01	6.016e-01	-3.895e+01	3.695e+01	1.624e+01	-1.624e+01	1.850e+03	1.945e+03	-4.532e+01	-1.483e+01
El: 1 21 - C.c:	1.671e+02	-1.601e+02	4.899e-01	2.510e+00	-5.222e+01	5.222e+01	1.058e+01	-1.058e+01	2.592e+03	2.631e+03	-7.489e+01	-2.611e+01
El: 2 21 - C.c:	1.277e+02	-1.222e+02	4.088e-01	1.591e+00	-4.017e+01	4.017e+01	7.836e+00	-7.836e+00	1.993e+03	2.023e+03	-4.946e+01	-9.660e+00
El: 3 21 - C.c:	1.231e+02	-1.177e+02	5.746e-01	-1.746e-01	-4.014e+01	4.014e+01	6.281e+00	-6.281e+00	1.993e+03	2.021e+03	-7.104e+00	4.456e+01
El: 4 21 - C.c:	1.220e+02	-1.165e+02	6.160e-01	-6.160e-01	-4.014e+01	4.014e+01	5.892e+00	-5.892e+00	1.993e+03	2.021e+03	3.486e+00	5.812e+01
El: 5 21 - C.c:	1.500e+02	-1.429e+02	1.112e+00	-4.112e+00	-5.214e+01	5.214e+01	4.744e+00	-4.744e+00	2.590e+03	2.624e+03	8.396e+01	1.772e+02
El: 6 21 - C.c:	1.599e+02	-1.529e+02	7.393e-01	-7.393e-01	-5.199e+01	5.499e+01	5.832e-02	-5.832e-02	2.699e+03	2.650e+03	9.526e-01	7.298e+01
El: 7 21 - C.c:	1.572e+02	-1.501e+02	8.623e-01	-8.623e-01	-5.237e+01	4.937e+01	1.526e+01	-1.526e+01	2.482e+03	2.605e+03	8.110e+00	7.812e+01
El: 8 21 - C.c:	1.162e+02	-1.108e+02	8.233e-01	-2.823e+00	-4.011e+01	4.011e+01	3.948e+00	-3.948e+00	1.992e+03	2.019e+03	5.643e+01	1.259e+02
El: 9 21 - C.c:	1.229e+02	-1.174e+02	5.750e-01	-5.750e-01	-4.001e+01	4.201e+01	8.245e-01	-8.245e-01	2.065e+03	2.036e+03	1.100e+00	5.640e+01
El: 10 21 - C.c:	1.210e+02	-1.156e+02	6.570e-01	-6.570e-01	-4.027e+01	3.827e+01	1.096e+01	-1.096e+01	1.921e+03	2.006e+03	5.871e+00	5.983e+01
El: 11 21 - C.c:	1.162e+02	-1.108e+02	8.233e-01	-2.823e+00	-4.011e+01	4.011e+01	3.948e+00	-3.948e+00	1.992e+03	2.019e+03	5.643e+01	1.259e+02
El: 12 21 - C.c:	1.229e+02	-1.174e+02	5.750e-01	-5.750e-01	-4.001e+01	4.201e+01	8.245e-01	-8.245e-01	2.065e+03	2.036e+03	1.100e+00	5.640e+01
El: 21 - C.c:	1.210e+02	-1.156e+02	6.570e-01	-6.570e-01	-4.027e+01	3.827e+01	1.096e+01	-1.096e+01	1.921e+03	2.006e+03	5.871e+00	5.983e+01

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
13												
El: 1 22 - C.c:	8.304e+01	-7.598e+01	-1.433e+00	4.433e+00	-5.108e+01	5.108e+01	1.878e+00	-1.878e+00	2.575e+03	2.533e+03	-1.381e+02	-1.552e+02
El: 2 22 - C.c:	6.387e+01	-5.844e+01	-1.058e+00	3.058e+00	-3.929e+01	3.929e+01	1.232e+00	-1.232e+00	1.981e+03	1.948e+03	-9.768e+01	-1.081e+02
El: 3 22 - C.c:	6.388e+01	-5.844e+01	-8.298e-01	1.230e+00	-3.929e+01	3.929e+01	1.292e-01	-1.292e-01	1.981e+03	1.948e+03	-5.338e+01	-4.960e+01
El: 4 22 - C.c:	6.388e+01	-5.844e+01	-7.727e-01	7.727e-01	-3.929e+01	3.929e+01	-1.467e-01	1.467e-01	1.981e+03	1.948e+03	-4.230e+01	-3.497e+01
El: 5 22 - C.c:	8.304e+01	-7.598e+01	-5.760e-01	-2.424e+00	-5.108e+01	5.108e+01	-2.259e+00	2.259e+00	2.575e+03	2.533e+03	2.809e+01	6.431e+01
El: 6 22 - C.c:	8.270e+01	-7.564e+01	-1.060e+00	1.060e+00	-5.126e+01	5.426e+01	-1.138e+00	1.138e+00	2.694e+03	2.582e+03	-5.822e+01	-4.781e+01
El: 7 22 - C.c:	8.337e+01	-7.631e+01	-9.486e-01	9.486e-01	-5.090e+01	4.790e+01	7.568e-01	-7.568e-01	2.457e+03	2.484e+03	-5.176e+01	-4.311e+01
El: 8 22 - C.c:	6.388e+01	-5.844e+01	-4.870e-01	-1.513e+00	-3.929e+01	3.929e+01	-1.526e+00	1.526e+00	1.981e+03	1.948e+03	1.309e+01	3.821e+01
El: 9 22 - C.c:	6.365e+01	-5.822e+01	-8.099e-01	8.099e-01	-3.941e+01	4.141e+01	-7.783e-01	7.783e-01	2.060e+03	1.981e+03	-4.445e+01	-3.653e+01
El: 10 22 - C.c:	6.410e+01	-5.867e+01	-7.354e-01	7.354e-01	-3.917e+01	3.717e+01	4.850e-01	-4.850e-01	1.902e+03	1.915e+03	-4.014e+01	-3.340e+01
El: 11 22 - C.c:	6.388e+01	-5.844e+01	-4.870e-01	-1.513e+00	-3.929e+01	3.929e+01	-1.526e+00	1.526e+00	1.981e+03	1.948e+03	1.309e+01	3.821e+01
El: 12 22 - C.c:	6.365e+01	-5.822e+01	-8.099e-01	8.099e-01	-3.941e+01	4.141e+01	-7.783e-01	7.783e-01	2.060e+03	1.981e+03	-4.445e+01	-3.653e+01
El: 13 22 - C.c:	6.410e+01	-5.867e+01	-7.354e-01	7.354e-01	-3.917e+01	3.717e+01	4.850e-01	-4.850e-01	1.902e+03	1.915e+03	-4.014e+01	-3.340e+01
El: 1 23 - C.c:	1.463e+02	-1.393e+02	-2.921e+00	5.921e+00	-5.211e+01	5.211e+01	-5.628e+00	5.628e+00	2.592e+03	2.619e+03	-1.876e+02	-2.546e+02
El: 2 23 - C.c:	1.133e+02	-1.079e+02	-2.212e+00	4.212e+00	-4.009e+01	4.009e+01	-4.640e+00	4.640e+00	1.994e+03	2.015e+03	-1.360e+02	-1.852e+02
El: 3 23 - C.c:	1.174e+02	-1.119e+02	-2.029e+00	2.429e+00	-4.011e+01	4.011e+01	-6.253e+00	6.253e+00	1.995e+03	2.017e+03	-9.283e+01	-1.301e+02
El: 4 23 - C.c:	1.184e+02	-1.129e+02	-1.984e+00	1.984e+00	-4.012e+01	4.012e+01	-6.656e+00	6.656e+00	1.995e+03	2.017e+03	-8.204e+01	-1.163e+02
El: 5 23 - C.c:	1.614e+02	-1.544e+02	-2.237e+00	-7.631e-01	-5.220e+01	5.220e+01	-1.168e+01	1.168e+01	2.594e+03	2.626e+03	-2.574e+01	-4.794e+01
El: 6 23 - C.c:	1.492e+02	-1.421e+02	-2.610e+00	2.610e+00	-5.193e+01	5.493e+01	-3.652e+00	3.652e+00	2.704e+03	2.640e+03	-1.087e+02	-1.523e+02
El: 7 23 - C.c:	1.586e+02	-1.515e+02	-2.548e+00	2.548e+00	-5.238e+01	4.938e+01	-1.365e+01	1.365e+01	2.483e+03	2.605e+03	-1.046e+02	-1.502e+02
El: 8 23 - C.c:	1.234e+02	-1.180e+02	-1.756e+00	-2.442e-01	-4.015e+01	4.015e+01	-8.672e+00	8.672e+00	1.996e+03	2.020e+03	-2.810e+01	-4.748e+01
El: 9 23 - C.c:	1.152e+02	-1.098e+02	-2.005e+00	2.005e+00	-3.997e+01	4.197e+01	-3.322e+00	3.322e+00	2.068e+03	2.029e+03	-8.339e+01	-1.171e+02
El: 10 23 - C.c:	1.215e+02	-1.161e+02	-1.963e+00	1.963e+00	-4.027e+01	3.827e+01	-9.989e+00	9.989e+00	1.921e+03	2.006e+03	-8.069e+01	-1.156e+02
El: 11 23 - C.c:	1.234e+02	-1.180e+02	-1.756e+00	-2.442e-01	-4.015e+01	4.015e+01	-8.672e+00	8.672e+00	1.996e+03	2.020e+03	-2.810e+01	-4.748e+01
El: 12 23 - C.c:	1.152e+02	-1.098e+02	-2.005e+00	2.005e+00	-3.997e+01	4.197e+01	-3.322e+00	3.322e+00	2.068e+03	2.029e+03	-8.339e+01	-1.171e+02
El: 13 23 - C.c:	1.215e+02	-1.161e+02	-1.963e+00	1.963e+00	-4.027e+01	3.827e+01	-9.989e+00	9.989e+00	1.921e+03	2.006e+03	-8.069e+01	-1.156e+02
El: 1 24 - C.c:	1.555e+02	-1.484e+02	-2.889e+00	5.889e+00	-5.214e+01	5.214e+01	-2.453e+00	2.453e+00	2.587e+03	2.628e+03	-1.904e+02	-2.486e+02
El: 2 24 - C.c:	1.205e+02	-1.151e+02	-2.187e+00	4.187e+00	-4.011e+01	4.011e+01	-2.193e+00	2.193e+00	1.990e+03	2.022e+03	-1.381e+02	-1.806e+02
El: 3 24 - C.c:	1.252e+02	-1.198e+02	-2.003e+00	2.403e+00	-4.014e+01	4.014e+01	-3.785e+00	3.785e+00	1.990e+03	2.024e+03	-9.505e+01	-1.252e+02
El: 4 24 - C.c:	1.264e+02	-1.210e+02	-1.957e+00	1.957e+00	-4.015e+01	4.015e+01	-4.183e+00	4.183e+00	1.990e+03	2.024e+03	-8.427e+01	-1.114e+02
El: 5 24 - C.c:	1.732e+02	-1.662e+02	-2.198e+00	-8.019e-01	-5.224e+01	5.224e+01	-8.424e+00	8.424e+00	2.588e+03	2.636e+03	-2.876e+01	-4.106e+01
El: 6 24 - C.c:	1.571e+02	-1.501e+02	-2.542e+00	2.542e+00	-5.200e+01	5.500e+01	-1.383e-01	1.383e-01	2.698e+03	2.652e+03	-1.099e+02	-1.443e+02
El: 7 24 - C.c:	1.716e+02	-1.645e+02	-2.545e+00	2.545e+00	-5.238e+01	4.938e+01	-1.074e+01	1.074e+01	2.477e+03	2.611e+03	-1.092e+02	-1.454e+02
El: 8 24 - C.c:	1.324e+02	-1.269e+02	-1.726e+00	-2.737e-01	-4.018e+01	4.018e+01	-6.174e+00	6.174e+00	1.991e+03	2.027e+03	-3.041e+01	-4.222e+01
El: 9 24 - C.c:	1.216e+02	-1.162e+02	-1.956e+00	1.956e+00	-4.002e+01	4.202e+01	-6.500e-01	6.500e-01	2.064e+03	2.038e+03	-8.453e+01	-1.110e+02
El: 10 24 - C.c:	1.312e+02	-1.258e+02	-1.958e+00	1.958e+00	-4.027e+01	3.827e+01	-7.717e+00	7.717e+00	1.917e+03	2.011e+03	-8.402e+01	-1.118e+02
El: 11 24 - C.c:	1.324e+02	-1.269e+02	-1.726e+00	-2.737e-01	-4.018e+01	4.018e+01	-6.174e+00	6.174e+00	1.991e+03	2.027e+03	-3.041e+01	-4.222e+01
El: 12 24 - C.c:	1.216e+02	-1.162e+02	-1.956e+00	1.956e+00	-4.002e+01	4.202e+01	-6.500e-01	6.500e-01	2.064e+03	2.038e+03	-8.453e+01	-1.110e+02
El: 13 24 - C.c:	1.312e+02	-1.258e+02	-1.958e+00	1.958e+00	-4.027e+01	3.827e+01	-7.717e+00	7.717e+00	1.917e+03	2.011e+03	-8.402e+01	-1.118e+02

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 1 25 - C.c:	2.174e+02	-2.103e+02	-1.467e+00	4.467e+00	-5.525e+01	5.525e+01	-1.060e+01	1.060e+01	2.607e+03	2.918e+03	-1.402e+02	-1.566e+02
El: 2 25 - C.c:	1.671e+02	-1.617e+02	-1.101e+00	3.101e+00	-4.243e+01	4.243e+01	-8.439e+00	8.439e+00	2.001e+03	2.242e+03	-9.988e+01	-1.102e+02
El: 3 25 - C.c:	1.666e+02	-1.612e+02	-9.583e-01	1.358e+00	-4.205e+01	4.205e+01	-9.929e+00	9.929e+00	1.977e+03	2.229e+03	-5.866e+01	-5.718e+01
El: 4 25 - C.c:	1.665e+02	-1.611e+02	-9.226e-01	9.226e-01	-4.196e+01	4.196e+01	-1.030e+01	1.030e+01	1.971e+03	2.225e+03	-4.835e+01	-4.391e+01
El: 5 25 - C.c:	2.155e+02	-2.085e+02	-9.313e-01	-2.069e+00	-5.384e+01	5.384e+01	-1.619e+01	1.619e+01	2.517e+03	2.867e+03	1.445e+01	4.242e+01
El: 6 25 - C.c:	2.172e+02	-2.102e+02	-1.020e+00	1.020e+00	-5.530e+01	5.830e+01	-1.172e+01	1.172e+01	2.690e+03	2.990e+03	-5.771e+01	-4.424e+01
El: 7 25 - C.c:	2.157e+02	-2.086e+02	-1.379e+00	1.379e+00	-5.379e+01	5.079e+01	-1.506e+01	1.506e+01	2.434e+03	2.795e+03	-6.800e+01	-6.992e+01
El: 8 25 - C.c:	1.659e+02	-1.605e+02	-7.439e-01	-1.256e+00	-4.148e+01	4.148e+01	-1.216e+01	1.216e+01	1.941e+03	2.208e+03	3.187e+00	2.243e+01
El: 9 25 - C.c:	1.670e+02	-1.616e+02	-8.027e-01	8.027e-01	-4.246e+01	4.446e+01	-9.189e+00	9.189e+00	2.056e+03	2.290e+03	-4.492e+01	-3.535e+01
El: 10 25 - C.c:	1.660e+02	-1.606e+02	-1.042e+00	1.042e+00	-4.145e+01	3.945e+01	-1.141e+01	1.141e+01	1.885e+03	2.160e+03	-5.178e+01	-5.247e+01
El: 11 25 - C.c:	1.659e+02	-1.605e+02	-7.439e-01	-1.256e+00	-4.148e+01	4.148e+01	-1.216e+01	1.216e+01	1.941e+03	2.208e+03	3.187e+00	2.243e+01
El: 12 25 - C.c:	1.670e+02	-1.616e+02	-8.027e-01	8.027e-01	-4.246e+01	4.446e+01	-9.189e+00	9.189e+00	2.056e+03	2.290e+03	-4.492e+01	-3.535e+01
El: 13 25 - C.c:	1.660e+02	-1.606e+02	-1.042e+00	1.042e+00	-4.145e+01	3.945e+01	-1.141e+01	1.141e+01	1.885e+03	2.160e+03	-5.178e+01	-5.247e+01
El: 1 26 - C.c:	3.872e+02	-3.801e+02	5.002e+00	-2.002e+00	4.716e-01	-4.716e-01	2.270e+00	-2.270e+00	-4.325e+02	3.854e+02	2.066e+02	1.435e+02
El: 2 26 - C.c:	2.969e+02	-2.915e+02	3.433e+00	-1.433e+00	3.649e-01	-3.649e-01	9.830e-01	-9.830e-01	-3.329e+02	2.964e+02	1.432e+02	1.001e+02
El: 3 26 - C.c:	2.924e+02	-2.869e+02	1.281e+00	-8.805e-01	3.761e-01	-3.761e-01	-2.986e+00	2.986e+00	-3.337e+02	2.961e+02	6.145e+01	4.660e+01
El: 4 26 - C.c:	2.912e+02	-2.858e+02	7.423e-01	-7.423e-01	3.789e-01	-3.789e-01	-3.978e+00	3.978e+00	-3.340e+02	2.961e+02	4.100e+01	3.323e+01
El: 5 26 - C.c:	3.700e+02	-3.629e+02	-3.072e+00	7.169e-02	5.134e-01	-5.134e-01	-1.261e+01	1.261e+01	-4.357e+02	3.844e+02	-1.000e+02	-5.713e+01
El: 6 26 - C.c:	3.773e+02	-3.703e+02	1.073e+00	-1.073e+00	1.076e+01	-7.765e+00	-9.129e+00	9.129e+00	-9.693e+02	4.284e+01	5.885e+01	4.849e+01
El: 7 26 - C.c:	3.798e+02	-3.728e+02	8.565e-01	-8.565e-01	-9.779e+00	6.779e+00	-1.215e+00	1.215e+00	1.010e+02	7.269e+02	4.776e+01	3.790e+01
El: 8 26 - C.c:	2.855e+02	-2.801e+02	-1.949e+00	-5.118e-02	3.928e-01	-3.928e-01	-8.940e+00	8.940e+00	-3.350e+02	2.957e+02	-6.123e+01	-3.366e+01
El: 9 26 - C.c:	2.904e+02	-2.849e+02	8.146e-01	-8.146e-01	7.227e+00	-5.227e+00	-6.616e+00	6.616e+00	-6.907e+02	6.803e+01	4.470e+01	3.676e+01
El: 10 26 - C.c:	2.921e+02	-2.866e+02	6.700e-01	-6.700e-01	-6.469e+00	4.469e+00	-1.341e+00	1.341e+00	2.281e+01	5.241e+02	3.730e+01	2.969e+01
El: 11 26 - C.c:	2.855e+02	-2.801e+02	-1.949e+00	-5.118e-02	3.928e-01	-3.928e-01	-8.940e+00	8.940e+00	-3.350e+02	2.957e+02	-6.123e+01	-3.366e+01
El: 12 26 - C.c:	2.904e+02	-2.849e+02	8.146e-01	-8.146e-01	7.227e+00	-5.227e+00	-6.616e+00	6.616e+00	-6.907e+02	6.803e+01	4.470e+01	3.676e+01
El: 13 26 - C.c:	2.921e+02	-2.866e+02	6.700e-01	-6.700e-01	-6.469e+00	4.469e+00	-1.341e+00	1.341e+00	2.281e+01	5.241e+02	3.730e+01	2.969e+01
El: 1 27 - C.c:	3.027e+02	-2.956e+02	5.318e+00	-2.318e+00	1.304e+00	-1.304e+00	5.936e+00	-5.936e+00	-4.893e+02	3.590e+02	2.173e+02	1.645e+02
El: 2 27 - C.c:	2.328e+02	-2.274e+02	3.673e+00	-1.673e+00	1.002e+00	-1.002e+00	3.827e+00	-3.827e+00	-3.764e+02	2.761e+02	1.513e+02	1.160e+02
El: 3 27 - C.c:	2.328e+02	-2.274e+02	1.497e+00	-1.097e+00	9.996e-01	-9.996e-01	-1.614e-02	1.614e-02	-3.762e+02	2.762e+02	6.868e+01	6.106e+01
El: 4 27 - C.c:	2.328e+02	-2.274e+02	9.536e-01	-9.536e-01	9.989e-01	-9.989e-01	-9.770e-01	9.770e-01	-3.762e+02	2.763e+02	4.802e+01	4.733e+01
El: 5 27 - C.c:	3.027e+02	-2.956e+02	-2.839e+00	-1.608e-01	1.294e+00	-1.294e+00	-8.476e+00	8.476e+00	-4.887e+02	3.593e+02	-9.247e+01	-4.144e+01
El: 6 27 - C.c:	2.994e+02	-2.924e+02	1.350e+00	-1.350e+00	1.202e+01	-9.021e+00	-2.062e+00	2.062e+00	-1.050e+03	-1.904e+00	6.807e+01	6.694e+01
El: 7 27 - C.c:	3.059e+02	-2.988e+02	1.129e+00	-1.129e+00	-9.424e+00	6.424e+00	-4.781e-01	4.781e-01	7.217e+01	7.202e+02	5.680e+01	5.612e+01
El: 8 27 - C.c:	2.328e+02	-2.274e+02	-1.766e+00	-2.344e-01	9.956e-01	-9.956e-01	-5.781e+00	5.781e+00	-3.760e+02	2.764e+02	-5.524e+01	-2.132e+01
El: 9 27 - C.c:	2.307e+02	-2.252e+02	1.027e+00	-1.027e+00	8.147e+00	-6.147e+00	-1.505e+00	1.505e+00	-7.503e+02	3.557e+01	5.178e+01	5.094e+01
El: 10 27 - C.c:	2.350e+02	-2.295e+02	8.799e-01	-8.799e-01	-6.149e+00	4.149e+00	-4.490e-01	4.490e-01	-2.042e+00	5.170e+02	4.427e+01	4.373e+01
El: 11 27 - C.c:	2.328e+02	-2.274e+02	-1.766e+00	-2.344e-01	9.956e-01	-9.956e-01	-5.781e+00	5.781e+00	-3.760e+02	2.764e+02	-5.524e+01	-2.132e+01
El: 12 27 - C.c:	2.307e+02	-2.252e+02	1.027e+00	-1.027e+00	8.147e+00	-6.147e+00	-1.505e+00	1.505e+00	-7.503e+02	3.557e+01	5.178e+01	5.094e+01
El: 13 27 - C.c:	2.350e+02	-2.295e+02	8.799e-01	-8.799e-01	-6.149e+00	4.149e+00	-4.490e-01	4.490e-01	-2.042e+00	5.170e+02	4.427e+01	4.373e+01
El: 28 - C.c:	3.658e+02	-3.587e+02	5.594e+00	-2.594e+00	1.163e+00	-1.163e+00	8.140e+00	-8.140e+00	-4.760e+02	3.596e+02	2.269e+02	1.825e+02

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Fascicolo dei Calcoli
(Par. 10.1. Caratteristiche generali – D.M. Infrastrutture 17 gennaio 2018)

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
1												
El: 28 - C.c: 2	2.821e+02	-2.767e+02	3.886e+00	-1.886e+00	8.909e-01	-8.909e-01	5.509e+00	-5.509e+00	-3.659e+02	2.768e+02	1.586e+02	1.300e+02
El: 28 - C.c: 3	2.862e+02	-2.808e+02	1.718e+00	-1.318e+00	8.700e-01	-8.700e-01	1.597e+00	-1.597e+00	-3.644e+02	2.774e+02	7.617e+01	7.562e+01
El: 28 - C.c: 4	2.872e+02	-2.818e+02	1.176e+00	-1.176e+00	8.647e-01	-8.647e-01	6.191e-01	-6.191e-01	-3.640e+02	2.776e+02	5.556e+01	6.204e+01
El: 28 - C.c: 5	3.809e+02	-3.739e+02	-2.536e+00	-4.636e-01	1.085e+00	-1.085e+00	-6.531e+00	6.531e+00	-4.705e+02	3.621e+02	-8.241e+01	-2.124e+01
El: 28 - C.c: 6	3.656e+02	-3.585e+02	1.634e+00	-1.634e+00	1.200e+01	-9.003e+00	1.368e+00	-1.368e+00	-1.045e+03	-4.814e+00	7.771e+01	8.567e+01
El: 28 - C.c: 7	3.811e+02	-3.740e+02	1.424e+00	-1.424e+00	-9.755e+00	6.755e+00	2.415e-01	-2.415e-01	9.897e+01	7.265e+02	6.674e+01	7.563e+01
El: 28 - C.c: 8	2.922e+02	-2.868e+02	-1.534e+00	-4.658e-01	8.386e-01	-8.386e-01	-4.271e+00	4.271e+00	-3.622e+02	2.784e+02	-4.753e+01	-5.885e+00
El: 28 - C.c: 9	2.820e+02	-2.766e+02	1.246e+00	-1.246e+00	8.117e+00	-6.117e+00	9.947e-01	-9.947e-01	-7.455e+02	3.380e+01	5.921e+01	6.538e+01
El: 28 - C.c: 10	2.924e+02	-2.869e+02	1.106e+00	-1.106e+00	-6.388e+00	4.388e+00	2.435e-01	-2.435e-01	1.744e+01	5.213e+02	5.190e+01	5.869e+01
El: 28 - C.c: 11	2.922e+02	-2.868e+02	-1.534e+00	-4.658e-01	8.386e-01	-8.386e-01	-4.271e+00	4.271e+00	-3.622e+02	2.784e+02	-4.753e+01	-5.885e+00
El: 28 - C.c: 12	2.820e+02	-2.766e+02	1.246e+00	-1.246e+00	8.117e+00	-6.117e+00	9.947e-01	-9.947e-01	-7.455e+02	3.380e+01	5.921e+01	6.538e+01
El: 28 - C.c: 13	2.924e+02	-2.869e+02	1.106e+00	-1.106e+00	-6.388e+00	4.388e+00	2.435e-01	-2.435e-01	1.744e+01	5.213e+02	5.190e+01	5.869e+01
El: 29 - C.c: 1	3.753e+02	-3.683e+02	5.627e+00	-2.627e+00	3.400e-01	-3.400e-01	1.203e+01	-1.203e+01	-4.256e+02	3.916e+02	2.286e+02	1.841e+02
El: 29 - C.c: 2	2.896e+02	-2.842e+02	3.910e+00	-1.910e+00	2.558e-01	-2.558e-01	8.518e+00	-8.518e+00	-3.270e+02	3.014e+02	1.599e+02	1.311e+02
El: 29 - C.c: 3	2.944e+02	-2.890e+02	1.737e+00	-1.337e+00	2.255e-01	-2.255e-01	4.675e+00	-4.675e+00	-3.250e+02	3.024e+02	7.715e+01	7.654e+01
El: 29 - C.c: 4	2.956e+02	-2.902e+02	1.194e+00	-1.194e+00	2.179e-01	-2.179e-01	3.714e+00	-3.714e+00	-3.244e+02	3.027e+02	5.646e+01	6.289e+01
El: 29 - C.c: 5	3.932e+02	-3.861e+02	-2.524e+00	-4.763e-01	2.266e-01	-2.266e-01	-2.378e+00	2.378e+00	-4.179e+02	3.953e+02	-8.177e+01	-2.060e+01
El: 29 - C.c: 6	3.743e+02	-3.672e+02	1.649e+00	-1.649e+00	1.081e+01	-7.809e+00	7.892e+00	-7.892e+00	-9.726e+02	4.165e+01	7.866e+01	8.622e+01
El: 29 - C.c: 7	3.943e+02	-3.872e+02	1.454e+00	-1.454e+00	-1.024e+01	7.243e+00	1.764e+00	-1.764e+00	1.290e+02	7.452e+02	6.813e+01	7.730e+01
El: 29 - C.c: 8	3.015e+02	-2.961e+02	-1.523e+00	-4.767e-01	1.801e-01	-1.801e-01	-1.090e+00	1.090e+00	-3.219e+02	3.039e+02	-4.698e+01	-5.347e+00
El: 29 - C.c: 9	2.889e+02	-2.835e+02	1.258e+00	-1.258e+00	7.235e+00	-5.235e+00	5.757e+00	-5.757e+00	-6.916e+02	6.812e+01	5.997e+01	6.587e+01
El: 29 - C.c: 10	3.022e+02	-2.968e+02	1.129e+00	-1.129e+00	-6.799e+00	4.799e+00	1.672e+00	-1.672e+00	4.276e+01	5.372e+02	5.294e+01	5.992e+01
El: 29 - C.c: 11	3.015e+02	-2.961e+02	-1.523e+00	-4.767e-01	1.801e-01	-1.801e-01	-1.090e+00	1.090e+00	-3.219e+02	3.039e+02	-4.698e+01	-5.347e+00
El: 29 - C.c: 12	2.889e+02	-2.835e+02	1.258e+00	-1.258e+00	7.235e+00	-5.235e+00	5.757e+00	-5.757e+00	-6.916e+02	6.812e+01	5.997e+01	6.587e+01
El: 29 - C.c: 13	3.022e+02	-2.968e+02	1.129e+00	-1.129e+00	-6.799e+00	4.799e+00	1.672e+00	-1.672e+00	4.276e+01	5.372e+02	5.294e+01	5.992e+01
El: 30 - C.c: 1	4.378e+02	-4.307e+02	5.680e+00	-2.680e+00	-1.003e+01	1.003e+01	2.350e+01	-2.350e+01	1.914e+02	8.120e+02	2.330e+02	1.851e+02
El: 30 - C.c: 2	3.366e+02	-3.312e+02	3.950e+00	-1.950e+00	-7.824e+00	7.824e+00	1.748e+01	-1.748e+01	1.528e+02	6.296e+02	1.632e+02	1.318e+02
El: 30 - C.c: 3	3.361e+02	-3.307e+02	1.771e+00	-1.371e+00	-8.376e+00	8.376e+00	1.438e+01	-1.438e+01	1.821e+02	6.554e+02	8.003e+01	7.707e+01
El: 30 - C.c: 4	3.360e+02	-3.306e+02	1.226e+00	-1.226e+00	-8.513e+00	8.513e+00	1.361e+01	-1.361e+01	1.895e+02	6.619e+02	5.923e+01	6.338e+01
El: 30 - C.c: 5	4.359e+02	-4.288e+02	-2.492e+00	-5.076e-01	-1.210e+01	1.210e+01	1.189e+01	-1.189e+01	3.012e+02	9.089e+02	-7.896e+01	-2.028e+01
El: 30 - C.c: 6	4.383e+02	-4.312e+02	1.586e+00	-1.586e+00	-5.719e+00	8.719e+00	2.968e+01	-2.968e+01	7.828e+00	7.141e+02	7.905e+01	7.959e+01
El: 30 - C.c: 7	4.353e+02	-4.283e+02	1.602e+00	-1.602e+00	-1.642e+01	1.342e+01	5.704e+00	-5.704e+00	4.847e+02	1.007e+03	7.495e+01	8.521e+01
El: 30 - C.c: 8	3.354e+02	-3.300e+02	-1.498e+00	-5.019e-01	-9.203e+00	9.203e+00	9.738e+00	-9.738e+00	2.261e+02	6.942e+02	-4.474e+01	-5.067e+00
El: 30 - C.c: 9	3.370e+02	-3.316e+02	1.221e+00	-1.221e+00	-4.948e+00	6.948e+00	2.160e+01	-2.160e+01	3.048e+01	5.643e+02	6.060e+01	6.151e+01
El: 30 - C.c: 10	3.350e+02	-3.296e+02	1.231e+00	-1.231e+00	-1.208e+01	1.008e+01	5.617e+00	-5.617e+00	3.484e+02	7.595e+02	5.786e+01	6.526e+01
El: 30 - C.c: 11	3.354e+02	-3.300e+02	-1.498e+00	-5.019e-01	-9.203e+00	9.203e+00	9.738e+00	-9.738e+00	2.261e+02	6.942e+02	-4.474e+01	-5.067e+00
El: 30 - C.c: 12	3.370e+02	-3.316e+02	1.221e+00	-1.221e+00	-4.948e+00	6.948e+00	2.160e+01	-2.160e+01	3.048e+01	5.643e+02	6.060e+01	6.151e+01
El: 30 - C.c: 13	3.350e+02	-3.296e+02	1.231e+00	-1.231e+00	-1.208e+01	1.008e+01	5.617e+00	-5.617e+00	3.484e+02	7.595e+02	5.786e+01	6.526e+01
El: 31 - C.c: 1	2.146e+02	-2.076e+02	1.324e+00	1.676e+00	5.282e+01	-5.282e+01	-1.656e+00	1.656e+00	-2.635e+03	-2.646e+03	1.945e+01	-3.702e+01

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 2 31 - C.c:	1.651e+02	-1.597e+02	8.585e-01	1.141e+00	4.063e+01	-4.063e+01	-1.591e+00	1.591e+00	-2.027e+03	-2.036e+03	1.118e+01	-2.533e+01
El: 3 31 - C.c:	1.651e+02	-1.596e+02	2.567e-02	3.743e-01	4.063e+01	-4.063e+01	-3.244e+00	3.244e+00	-2.028e+03	-2.035e+03	-8.472e+00	-8.962e+00
El: 4 31 - C.c:	1.651e+02	-1.596e+02	-1.826e-01	1.826e-01	4.063e+01	-4.063e+01	-3.657e+00	3.657e+00	-2.028e+03	-2.035e+03	-1.339e+01	-4.870e+00
El: 5 31 - C.c:	2.145e+02	-2.075e+02	-1.799e+00	-1.201e+00	5.281e+01	-5.281e+01	-7.853e+00	7.853e+00	-2.636e+03	-2.645e+03	-5.426e+01	2.436e+01
El: 6 31 - C.c:	2.158e+02	-2.087e+02	-4.271e-01	4.271e-01	5.729e+01	-5.429e+01	-6.442e+00	6.442e+00	-2.848e+03	-2.731e+03	-2.693e+01	-1.578e+01
El: 7 31 - C.c:	2.134e+02	-2.063e+02	-4.754e-02	4.754e-02	4.834e+01	-5.134e+01	-3.067e+00	3.067e+00	-2.423e+03	-2.561e+03	-7.870e+00	3.116e+00
El: 8 31 - C.c:	1.650e+02	-1.596e+02	-1.224e+00	-7.763e-01	4.063e+01	-4.063e+01	-5.723e+00	5.723e+00	-2.028e+03	-2.035e+03	-3.796e+01	1.559e+01
El: 9 31 - C.c:	1.659e+02	-1.604e+02	-3.091e-01	3.091e-01	4.361e+01	-4.161e+01	-4.782e+00	4.782e+00	-2.169e+03	-2.092e+03	-1.974e+01	-1.117e+01
El: 10 31 - C.c:	1.643e+02	-1.588e+02	-5.603e-02	5.603e-02	3.764e+01	-3.964e+01	-2.532e+00	2.532e+00	-1.886e+03	-1.979e+03	-7.032e+00	1.428e+00
El: 11 31 - C.c:	1.650e+02	-1.596e+02	-1.224e+00	-7.763e-01	4.063e+01	-4.063e+01	-5.723e+00	5.723e+00	-2.028e+03	-2.035e+03	-3.796e+01	1.559e+01
El: 12 31 - C.c:	1.659e+02	-1.604e+02	-3.091e-01	3.091e-01	4.361e+01	-4.161e+01	-4.782e+00	4.782e+00	-2.169e+03	-2.092e+03	-1.974e+01	-1.117e+01
El: 13 31 - C.c:	1.643e+02	-1.588e+02	-5.603e-02	5.603e-02	3.764e+01	-3.964e+01	-2.532e+00	2.532e+00	-1.886e+03	-1.979e+03	-7.032e+00	1.428e+00
El: 1 32 - C.c:	2.130e+02	-2.059e+02	9.344e-01	2.066e+00	5.280e+01	-5.280e+01	2.975e+00	-2.975e+00	-2.648e+03	-2.632e+03	6.837e+00	-6.340e+01
El: 2 32 - C.c:	1.638e+02	-1.584e+02	5.581e-01	1.442e+00	4.062e+01	-4.062e+01	1.952e+00	-1.952e+00	-2.037e+03	-2.025e+03	1.323e+00	-4.552e+01
El: 3 32 - C.c:	1.638e+02	-1.584e+02	-2.776e-01	6.776e-01	4.062e+01	-4.062e+01	2.023e-01	-2.023e-01	-2.037e+03	-2.025e+03	-1.915e+01	-2.861e+01
El: 4 32 - C.c:	1.638e+02	-1.584e+02	-4.865e-01	4.865e-01	4.062e+01	-4.062e+01	-2.351e-01	2.351e-01	-2.037e+03	-2.025e+03	-2.426e+01	-2.439e+01
El: 5 32 - C.c:	2.130e+02	-2.059e+02	-2.199e+00	-8.007e-01	5.280e+01	-5.280e+01	-3.586e+00	3.586e+00	-2.648e+03	-2.632e+03	-6.992e+01	-7.114e-03
El: 6 32 - C.c:	2.148e+02	-2.077e+02	-8.232e-01	8.232e-01	5.762e+01	-5.462e+01	-1.459e+00	1.459e+00	-2.876e+03	-2.736e+03	-4.111e+01	-4.121e+01
El: 7 32 - C.c:	2.112e+02	-2.041e+02	-4.417e-01	4.417e-01	4.799e+01	-5.099e+01	8.477e-01	-8.477e-01	-2.420e+03	-2.529e+03	-2.198e+01	-2.219e+01
El: 8 32 - C.c:	1.638e+02	-1.584e+02	-1.531e+00	-4.689e-01	4.061e+01	-4.061e+01	-2.422e+00	2.422e+00	-2.037e+03	-2.025e+03	-4.985e+01	-3.256e+00
El: 9 32 - C.c:	1.650e+02	-1.596e+02	-6.136e-01	6.136e-01	4.383e+01	-4.183e+01	-1.004e+00	1.004e+00	-2.189e+03	-2.094e+03	-3.064e+01	-3.072e+01
El: 10 32 - C.c:	1.626e+02	-1.572e+02	-3.594e-01	3.594e-01	3.741e+01	-3.941e+01	5.338e-01	-5.338e-01	-1.885e+03	-1.956e+03	-1.789e+01	-1.805e+01
El: 11 32 - C.c:	1.638e+02	-1.584e+02	-1.531e+00	-4.689e-01	4.061e+01	-4.061e+01	-2.422e+00	2.422e+00	-2.037e+03	-2.025e+03	-4.985e+01	-3.256e+00
El: 12 32 - C.c:	1.650e+02	-1.596e+02	-6.136e-01	6.136e-01	4.383e+01	-4.183e+01	-1.004e+00	1.004e+00	-2.189e+03	-2.094e+03	-3.064e+01	-3.072e+01
El: 13 32 - C.c:	1.626e+02	-1.572e+02	-3.594e-01	3.594e-01	3.741e+01	-3.941e+01	5.338e-01	-5.338e-01	-1.885e+03	-1.956e+03	-1.789e+01	-1.805e+01
El: 1 33 - C.c:	2.144e+02	-2.074e+02	8.203e-01	2.180e+00	5.325e+01	-5.325e+01	6.402e+00	-6.402e+00	-2.660e+03	-2.665e+03	2.617e+00	-7.058e+01
El: 2 33 - C.c:	1.649e+02	-1.595e+02	4.696e-01	1.530e+00	4.096e+01	-4.096e+01	4.607e+00	-4.607e+00	-2.046e+03	-2.050e+03	-1.915e+00	-5.112e+01
El: 3 33 - C.c:	1.650e+02	-1.595e+02	-3.698e-01	7.698e-01	4.096e+01	-4.096e+01	2.957e+00	-2.957e+00	-2.046e+03	-2.050e+03	-2.234e+01	-3.464e+01
El: 4 33 - C.c:	1.650e+02	-1.595e+02	-5.797e-01	5.797e-01	4.096e+01	-4.096e+01	2.545e+00	-2.545e+00	-2.046e+03	-2.050e+03	-2.745e+01	-3.052e+01
El: 5 33 - C.c:	2.145e+02	-2.074e+02	-2.328e+00	-6.725e-01	5.324e+01	-5.324e+01	2.145e-01	-2.145e-01	-2.658e+03	-2.665e+03	-7.397e+01	-8.780e+00
El: 6 33 - C.c:	2.160e+02	-2.089e+02	-9.486e-01	9.486e-01	5.804e+01	-5.504e+01	1.830e+00	-1.830e+00	-2.890e+03	-2.764e+03	-4.547e+01	-4.939e+01
El: 7 33 - C.c:	2.130e+02	-2.059e+02	-5.586e-01	5.586e-01	4.845e+01	-5.145e+01	4.787e+00	-4.787e+00	-2.429e+03	-2.566e+03	-2.589e+01	-2.997e+01
El: 8 33 - C.c:	1.650e+02	-1.596e+02	-1.629e+00	-3.710e-01	4.095e+01	-4.095e+01	4.823e-01	-4.823e-01	-2.045e+03	-2.050e+03	-5.298e+01	-9.923e+00
El: 9 33 - C.c:	1.660e+02	-1.605e+02	-7.097e-01	7.097e-01	4.416e+01	-4.216e+01	1.559e+00	-1.559e+00	-2.199e+03	-2.116e+03	-3.397e+01	-3.700e+01
El: 10 33 - C.c:	1.640e+02	-1.585e+02	-4.497e-01	4.497e-01	3.776e+01	-3.976e+01	3.530e+00	-3.530e+00	-1.892e+03	-1.984e+03	-2.092e+01	-2.405e+01
El: 11 33 - C.c:	1.650e+02	-1.596e+02	-1.629e+00	-3.710e-01	4.095e+01	-4.095e+01	4.823e-01	-4.823e-01	-2.045e+03	-2.050e+03	-5.298e+01	-9.923e+00
El: 12 33 - C.c:	1.660e+02	-1.605e+02	-7.097e-01	7.097e-01	4.416e+01	-4.216e+01	1.559e+00	-1.559e+00	-2.199e+03	-2.116e+03	-3.397e+01	-3.700e+01
El: 13 33 - C.c:	1.640e+02	-1.585e+02	-4.497e-01	4.497e-01	3.776e+01	-3.976e+01	3.530e+00	-3.530e+00	-1.892e+03	-1.984e+03	-2.092e+01	-2.405e+01
El: 1 34 - C.c:	2.141e+02	-2.071e+02	8.057e-01	2.194e+00	5.292e+01	-5.292e+01	8.563e+00	-8.563e+00	-2.640e+03	-2.652e+03	1.266e+00	-7.070e+01
El: 34 - C.c:	1.647e+02	-1.593e+02	4.569e-01	1.543e+00	4.071e+01	-4.071e+01	6.261e+00	-6.261e+00	-2.031e+03	-2.040e+03	-3.046e+00	-5.126e+01

COMUNE DI PRAIANO c_g976 0007103 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 2 34 - C.c:	1.647e+02	-1.593e+02	-3.898e-01	7.898e-01	4.070e+01	-4.070e+01	4.564e+00	-4.564e+00	-2.030e+03	-2.040e+03	-2.395e+01	-3.503e+01
El: 3 34 - C.c:	1.647e+02	-1.593e+02	-6.015e-01	6.015e-01	4.069e+01	-4.069e+01	4.139e+00	-4.139e+00	-2.030e+03	-2.040e+03	-2.918e+01	-3.097e+01
El: 4 34 - C.c:	2.142e+02	-2.071e+02	-2.370e+00	-6.305e-01	5.288e+01	-5.288e+01	2.199e+00	-2.199e+00	-2.637e+03	-2.651e+03	-7.712e+01	-9.830e+00
El: 5 34 - C.c:	2.154e+02	-2.084e+02	-9.830e-01	9.830e-01	5.748e+01	-5.448e+01	5.292e+00	-5.292e+00	-2.858e+03	-2.741e+03	-4.801e+01	-5.030e+01
El: 6 34 - C.c:	2.129e+02	-2.058e+02	-5.809e-01	5.809e-01	4.832e+01	-5.132e+01	5.470e+00	-5.470e+00	-2.419e+03	-2.563e+03	-2.785e+01	-3.023e+01
El: 7 34 - C.c:	1.647e+02	-1.593e+02	-1.660e+00	-3.401e-01	4.068e+01	-4.068e+01	2.018e+00	-2.018e+00	-2.029e+03	-2.040e+03	-5.531e+01	-1.068e+01
El: 8 34 - C.c:	1.656e+02	-1.601e+02	-7.355e-01	7.355e-01	4.375e+01	-4.175e+01	4.080e+00	-4.080e+00	-2.176e+03	-2.099e+03	-3.589e+01	-3.766e+01
El: 9 34 - C.c:	1.639e+02	-1.584e+02	-4.674e-01	4.674e-01	3.764e+01	-3.964e+01	4.199e+00	-4.199e+00	-1.884e+03	-1.980e+03	-2.246e+01	-2.429e+01
El: 10 34 - C.c:	1.647e+02	-1.593e+02	-1.660e+00	-3.401e-01	4.068e+01	-4.068e+01	2.018e+00	-2.018e+00	-2.029e+03	-2.040e+03	-5.531e+01	-1.068e+01
El: 11 34 - C.c:	1.656e+02	-1.601e+02	-7.355e-01	7.355e-01	4.375e+01	-4.175e+01	4.080e+00	-4.080e+00	-2.176e+03	-2.099e+03	-3.589e+01	-3.766e+01
El: 12 34 - C.c:	1.639e+02	-1.584e+02	-4.674e-01	4.674e-01	3.764e+01	-3.964e+01	4.199e+00	-4.199e+00	-1.884e+03	-1.980e+03	-2.246e+01	-2.429e+01
El: 13 34 - C.c:	2.135e+02	-2.064e+02	4.144e-01	2.586e+00	5.155e+01	-5.155e+01	1.420e+01	-1.420e+01	-2.562e+03	-2.593e+03	-1.866e+01	-8.990e+01
El: 1 35 - C.c:	1.642e+02	-1.588e+02	1.548e-01	1.845e+00	3.965e+01	-3.965e+01	1.047e+01	-1.047e+01	-1.970e+03	-1.995e+03	-1.835e+01	-6.617e+01
El: 2 35 - C.c:	1.643e+02	-1.588e+02	-6.977e-01	1.098e+00	3.965e+01	-3.965e+01	8.155e+00	-8.155e+00	-1.970e+03	-1.996e+03	-3.913e+01	-5.064e+01
El: 3 35 - C.c:	1.643e+02	-1.588e+02	-9.109e-01	9.109e-01	3.965e+01	-3.965e+01	7.575e+00	-7.575e+00	-1.970e+03	-1.996e+03	-4.432e+01	-4.676e+01
El: 4 35 - C.c:	2.137e+02	-2.066e+02	-2.783e+00	-2.174e-01	5.155e+01	-5.155e+01	5.500e+00	-5.500e+00	-2.559e+03	-2.596e+03	-9.658e+01	-3.169e+01
El: 5 35 - C.c:	2.141e+02	-2.070e+02	-1.403e+00	1.403e+00	5.530e+01	-5.230e+01	1.352e+01	-1.352e+01	-2.735e+03	-2.645e+03	-6.872e+01	-7.160e+01
El: 6 35 - C.c:	2.130e+02	-2.060e+02	-9.650e-01	9.650e-01	4.779e+01	-5.079e+01	6.173e+00	-6.173e+00	-2.386e+03	-2.544e+03	-4.652e+01	-4.998e+01
El: 7 35 - C.c:	1.643e+02	-1.589e+02	-1.977e+00	-2.346e-02	3.965e+01	-3.965e+01	4.677e+00	-4.677e+00	-1.969e+03	-1.996e+03	-7.029e+01	-2.736e+01
El: 8 35 - C.c:	1.646e+02	-1.592e+02	-1.057e+00	1.057e+00	4.216e+01	-4.016e+01	1.003e+01	-1.003e+01	-2.086e+03	-2.029e+03	-5.172e+01	-5.397e+01
El: 9 35 - C.c:	1.639e+02	-1.585e+02	-7.648e-01	7.648e-01	3.715e+01	-3.915e+01	5.126e+00	-5.126e+00	-1.853e+03	-1.962e+03	-3.692e+01	-3.955e+01
El: 10 35 - C.c:	1.643e+02	-1.589e+02	-1.977e+00	-2.346e-02	3.965e+01	-3.965e+01	4.677e+00	-4.677e+00	-1.969e+03	-1.996e+03	-7.029e+01	-2.736e+01
El: 11 35 - C.c:	1.646e+02	-1.592e+02	-1.057e+00	1.057e+00	4.216e+01	-4.016e+01	1.003e+01	-1.003e+01	-2.086e+03	-2.029e+03	-5.172e+01	-5.397e+01
El: 12 35 - C.c:	1.639e+02	-1.585e+02	-7.648e-01	7.648e-01	3.715e+01	-3.915e+01	5.126e+00	-5.126e+00	-1.853e+03	-1.962e+03	-3.692e+01	-3.955e+01
El: 13 35 - C.c:	2.119e+02	-2.048e+02	3.495e+00	-4.949e-01	4.933e+01	-4.933e+01	-4.518e+00	4.518e+00	-2.398e+03	-2.535e+03	1.407e+02	5.884e+01
El: 1 36 - C.c:	1.630e+02	-1.576e+02	2.508e+00	-5.081e-01	3.799e+01	-3.799e+01	-3.762e+00	3.762e+00	-1.847e+03	-1.952e+03	1.029e+02	4.793e+01
El: 2 36 - C.c:	1.632e+02	-1.578e+02	1.570e+00	-1.170e+00	3.819e+01	-3.819e+01	-5.255e+00	5.255e+00	-1.856e+03	-1.963e+03	7.525e+01	6.179e+01
El: 3 36 - C.c:	1.633e+02	-1.578e+02	1.336e+00	-1.336e+00	3.824e+01	-3.824e+01	-5.629e+00	5.629e+00	-1.858e+03	-1.966e+03	6.834e+01	6.525e+01
El: 4 36 - C.c:	2.126e+02	-2.055e+02	-2.139e-02	-2.979e+00	5.008e+01	-5.008e+01	-1.012e+01	1.012e+01	-2.432e+03	-2.576e+03	3.704e+01	1.108e+02
El: 5 36 - C.c:	2.111e+02	-2.041e+02	1.580e+00	-1.580e+00	5.117e+01	-4.817e+01	-6.290e+00	6.290e+00	-2.466e+03	-2.502e+03	8.198e+01	7.603e+01
El: 6 36 - C.c:	2.134e+02	-2.063e+02	1.893e+00	-1.893e+00	4.824e+01	-5.124e+01	-8.345e+00	8.345e+00	-2.365e+03	-2.609e+03	9.571e+01	9.362e+01
El: 7 36 - C.c:	1.635e+02	-1.581e+02	1.639e-01	-2.164e+00	3.849e+01	-3.849e+01	-7.495e+00	7.495e+00	-1.869e+03	-1.979e+03	3.381e+01	8.258e+01
El: 8 36 - C.c:	1.625e+02	-1.571e+02	1.232e+00	-1.232e+00	3.921e+01	-3.721e+01	-4.944e+00	4.944e+00	-1.892e+03	-1.930e+03	6.377e+01	5.939e+01
El: 9 36 - C.c:	1.640e+02	-1.586e+02	1.440e+00	-1.440e+00	3.726e+01	-3.926e+01	-6.314e+00	6.314e+00	-1.824e+03	-2.002e+03	7.292e+01	7.112e+01
El: 10 36 - C.c:	1.635e+02	-1.581e+02	1.639e-01	-2.164e+00	3.849e+01	-3.849e+01	-7.495e+00	7.495e+00	-1.869e+03	-1.979e+03	3.381e+01	8.258e+01
El: 11 36 - C.c:	1.625e+02	-1.571e+02	1.232e+00	-1.232e+00	3.921e+01	-3.721e+01	-4.944e+00	4.944e+00	-1.892e+03	-1.930e+03	6.377e+01	5.939e+01
El: 12 36 - C.c:	1.640e+02	-1.586e+02	1.440e+00	-1.440e+00	3.726e+01	-3.926e+01	-6.314e+00	6.314e+00	-1.824e+03	-2.002e+03	7.292e+01	7.112e+01
El: 13 36 - C.c:	4.284e+02	-4.213e+02	2.541e-15	3.000e+00	2.567e-15	-2.567e-15	4.732e-17	-4.732e-17	-1.822e-13	-1.026e-12	-3.114e-14	-1.500e+02
El: 1 37 - C.c:	3.295e+02	-3.241e+02	1.681e-15	2.000e+00	1.977e-15	-1.977e-15	1.702e-17	-1.702e-17	-1.402e-13	-7.896e-13	-2.177e-14	-1.000e+02
El: 2 37 - C.c:												

COMUNE DI PRAIANO c_g976 0007113 Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 Ingresso 09/09/2024 12:39

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 3 37 - C.c:	3.295e+02	-3.241e+02	2.600e-16	4.000e-01	1.986e-15	-1.986e-15	-8.374e-17	8.374e-17	-1.403e-13	-7.901e-13	-1.040e-14	-2.000e+01
El: 4 37 - C.c:	3.295e+02	-3.241e+02	-9.526e-17	9.526e-17	1.988e-15	-1.988e-15	-1.089e-16	1.089e-16	-1.404e-13	-7.903e-13	-7.558e-15	1.055e-14
El: 5 37 - C.c:	4.284e+02	-4.213e+02	-2.788e-15	-3.000e+00	2.602e-15	-2.602e-15	-3.305e-16	3.305e-16	-1.828e-13	-1.028e-12	1.149e-14	1.500e+02
El: 6 37 - C.c:	4.322e+02	-4.252e+02	-9.597e-17	9.597e-17	2.918e-15	3.000e+00	6.043e-17	-6.043e-17	-3.861e-14	1.500e+02	-1.137e-14	1.517e-14
El: 7 37 - C.c:	4.246e+02	-4.175e+02	-1.517e-16	1.517e-16	2.252e-15	-3.000e+00	-3.437e-16	3.437e-16	-3.264e-13	-1.500e+02	-8.283e-15	1.226e-14
El: 8 37 - C.c:	3.295e+02	-3.241e+02	-1.872e-15	-2.000e+00	2.000e-15	-2.000e-15	-2.349e-16	2.349e-16	-1.406e-13	-7.910e-13	6.653e-15	1.000e+02
El: 9 37 - C.c:	3.321e+02	-3.266e+02	-7.668e-17	7.668e-17	2.210e-15	2.000e+00	2.576e-17	-2.576e-17	-4.446e-14	1.000e+02	-8.587e-15	1.152e-14
El: 10 37 - C.c:	3.270e+02	-3.215e+02	-1.138e-16	1.138e-16	1.766e-15	-2.000e+00	-2.436e-16	2.436e-16	-2.363e-13	-1.000e+02	-6.530e-15	9.576e-15
El: 11 37 - C.c:	3.295e+02	-3.241e+02	-1.872e-15	-2.000e+00	2.000e-15	-2.000e-15	-2.349e-16	2.349e-16	-1.406e-13	-7.910e-13	6.653e-15	1.000e+02
El: 12 37 - C.c:	3.321e+02	-3.266e+02	-7.668e-17	7.668e-17	2.210e-15	2.000e+00	2.576e-17	-2.576e-17	-4.446e-14	1.000e+02	-8.587e-15	1.152e-14
El: 13 37 - C.c:	3.270e+02	-3.215e+02	-1.138e-16	1.138e-16	1.766e-15	-2.000e+00	-2.436e-16	2.436e-16	-2.363e-13	-1.000e+02	-6.530e-15	9.576e-15
El: 1 38 - C.c:	4.271e+02	-4.200e+02	2.331e-15	3.000e+00	2.337e-15	-2.337e-15	6.576e-16	-6.576e-16	4.275e-13	-7.438e-13	-5.266e-14	-1.500e+02
El: 2 38 - C.c:	3.285e+02	-3.231e+02	1.571e-15	2.000e+00	1.798e-15	-1.798e-15	4.382e-16	-4.382e-16	3.289e-13	-5.721e-13	-3.614e-14	-1.000e+02
El: 3 38 - C.c:	3.285e+02	-3.231e+02	4.164e-16	4.000e-01	1.797e-15	-1.797e-15	8.639e-17	-8.639e-17	3.289e-13	-5.721e-13	-1.340e-14	-2.000e+01
El: 4 38 - C.c:	3.285e+02	-3.231e+02	1.278e-16	-1.278e-16	1.796e-15	-1.796e-15	-1.558e-18	1.558e-18	3.289e-13	-5.721e-13	-7.714e-15	1.282e-14
El: 5 38 - C.c:	4.271e+02	-4.200e+02	-1.999e-15	-3.000e+00	2.333e-15	-2.333e-15	-6.617e-16	6.617e-16	4.275e-13	-7.435e-13	3.260e-14	1.500e+02
El: 6 38 - C.c:	4.318e+02	-4.247e+02	1.691e-16	-1.691e-16	4.001e-15	3.000e+00	-1.836e-17	1.836e-17	3.049e-13	1.500e+02	-8.907e-15	2.111e-14
El: 7 38 - C.c:	4.224e+02	-4.153e+02	1.631e-16	-1.631e-16	6.700e-16	-3.000e+00	1.431e-17	-1.431e-17	5.501e-13	-1.500e+02	-1.115e-14	1.222e-14
El: 8 38 - C.c:	3.285e+02	-3.231e+02	-1.316e-15	-2.000e+00	1.795e-15	-1.795e-15	-4.413e-16	4.413e-16	3.289e-13	-5.720e-13	2.071e-14	1.000e+02
El: 9 38 - C.c:	3.316e+02	-3.262e+02	1.298e-16	-1.298e-16	2.907e-15	2.000e+00	-1.245e-17	1.245e-17	2.471e-13	1.000e+02	-6.966e-15	1.578e-14
El: 10 38 - C.c:	3.254e+02	-3.200e+02	1.257e-16	-1.257e-16	6.862e-16	-2.000e+00	9.329e-18	-9.329e-18	4.106e-13	-1.000e+02	-8.461e-15	9.855e-15
El: 11 38 - C.c:	3.285e+02	-3.231e+02	-1.316e-15	-2.000e+00	1.795e-15	-1.795e-15	-4.413e-16	4.413e-16	3.289e-13	-5.720e-13	2.071e-14	1.000e+02
El: 12 38 - C.c:	3.316e+02	-3.262e+02	1.298e-16	-1.298e-16	2.907e-15	2.000e+00	-1.245e-17	1.245e-17	2.471e-13	1.000e+02	-6.966e-15	1.578e-14
El: 13 38 - C.c:	3.254e+02	-3.200e+02	1.257e-16	-1.257e-16	6.862e-16	-2.000e+00	9.329e-18	-9.329e-18	4.106e-13	-1.000e+02	-8.461e-15	9.855e-15
El: 1 39 - C.c:	4.285e+02	-4.214e+02	9.117e-16	3.000e+00	-1.396e-14	1.396e-14	3.522e-16	-3.522e-16	6.818e-13	-7.753e-14	5.086e-15	-1.500e+02
El: 2 39 - C.c:	3.296e+02	-3.242e+02	6.159e-16	2.000e+00	-1.074e-14	1.074e-14	2.491e-16	-2.491e-16	5.245e-13	-5.961e-14	3.912e-15	-1.000e+02
El: 3 39 - C.c:	3.296e+02	-3.242e+02	1.718e-16	4.000e-01	-1.074e-14	1.074e-14	1.356e-16	-1.356e-16	5.246e-13	-5.948e-14	3.912e-15	-2.000e+01
El: 4 39 - C.c:	3.296e+02	-3.242e+02	6.078e-17	-6.078e-17	-1.074e-14	1.074e-14	1.072e-16	-1.072e-16	5.246e-13	-5.944e-14	3.912e-15	9.342e-15
El: 5 39 - C.c:	4.285e+02	-4.214e+02	-7.537e-16	-3.000e+00	-1.397e-14	1.397e-14	-7.347e-17	7.347e-17	6.821e-13	-7.702e-14	5.086e-15	1.500e+02
El: 6 39 - C.c:	4.330e+02	-4.259e+02	8.930e-17	-8.930e-17	-1.896e-14	3.000e+00	1.423e-16	-1.423e-16	9.271e-13	1.500e+02	3.055e-15	1.165e-14
El: 7 39 - C.c:	4.240e+02	-4.169e+02	6.872e-17	-6.872e-17	-8.969e-15	-3.000e+00	1.364e-16	-1.364e-16	4.368e-13	-1.500e+02	7.117e-15	1.264e-14
El: 8 39 - C.c:	3.296e+02	-3.242e+02	-4.943e-16	-2.000e+00	-1.074e-14	1.074e-14	-3.468e-17	3.468e-17	5.247e-13	-5.927e-14	3.912e-15	1.000e+02
El: 9 39 - C.c:	3.326e+02	-3.272e+02	6.764e-17	-6.764e-17	-1.407e-14	2.000e+00	1.092e-16	-1.092e-16	6.880e-13	1.000e+02	2.558e-15	9.014e-15
El: 10 39 - C.c:	3.266e+02	-3.212e+02	5.392e-17	-5.392e-17	-7.412e-15	-2.000e+00	1.053e-16	-1.053e-16	3.612e-13	-1.000e+02	5.266e-15	9.670e-15
El: 11 39 - C.c:	3.296e+02	-3.242e+02	-4.943e-16	-2.000e+00	-1.074e-14	1.074e-14	-3.468e-17	3.468e-17	5.247e-13	-5.927e-14	3.912e-15	1.000e+02
El: 12 39 - C.c:	3.326e+02	-3.272e+02	6.764e-17	-6.764e-17	-1.407e-14	2.000e+00	1.092e-16	-1.092e-16	6.880e-13	1.000e+02	2.558e-15	9.014e-15
El: 13 39 - C.c:	3.266e+02	-3.212e+02	5.392e-17	-5.392e-17	-7.412e-15	-2.000e+00	1.053e-16	-1.053e-16	3.612e-13	-1.000e+02	5.266e-15	9.670e-15
El: 1 40 - C.c:	4.276e+02	-4.206e+02	-8.870e-16	3.000e+00	-2.635e-15	2.635e-15	1.610e-16	-1.610e-16	7.427e-13	-1.117e-13	-1.049e-13	-1.500e+02
El: 2 40 - C.c:	3.289e+02	-3.235e+02	-5.457e-16	2.000e+00	-2.027e-15	2.027e-15	7.021e-17	-7.021e-17	5.712e-13	-8.590e-14	-7.029e-14	-1.000e+02
El: 40 - C.c:	3.289e+02	-3.235e+02	1.649e-16	4.000e-01	-2.029e-15	2.029e-15	-2.087e-16	2.087e-16	5.709e-13	-8.583e-14	-1.629e-14	-2.000e+01

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
3												
El: 40 - C.c: 4	3.289e+02	-3.235e+02	3.425e-16	-3.425e-16	-2.029e-15	2.029e-15	-2.784e-16	2.784e-16	5.708e-13	-8.582e-14	-2.793e-15	1.129e-14
El: 40 - C.c: 5	4.276e+02	-4.206e+02	1.778e-15	-3.000e+00	-2.640e-15	2.640e-15	-8.848e-16	8.848e-16	7.415e-13	-1.114e-13	9.762e-14	1.500e+02
El: 40 - C.c: 6	4.317e+02	-4.246e+02	5.148e-16	-5.148e-16	-3.637e-15	3.000e+00	-3.132e-16	3.132e-16	8.913e-13	1.500e+02	-2.542e-15	1.886e-14
El: 40 - C.c: 7	4.236e+02	-4.165e+02	3.757e-16	-3.757e-16	-1.639e-15	-3.000e+00	-4.106e-16	4.106e-16	5.929e-13	-1.500e+02	-4.721e-15	1.049e-14
El: 40 - C.c: 8	3.289e+02	-3.235e+02	1.231e-15	-2.000e+00	-2.031e-15	2.031e-15	-6.270e-16	6.270e-16	5.704e-13	-8.573e-14	6.471e-14	1.000e+02
El: 40 - C.c: 9	3.316e+02	-3.262e+02	3.888e-16	-3.888e-16	-2.695e-15	2.000e+00	-2.459e-16	2.459e-16	6.703e-13	1.000e+02	-2.067e-15	1.408e-14
El: 40 - C.c: 10	3.262e+02	-3.208e+02	2.962e-16	-2.962e-16	-1.363e-15	-2.000e+00	-3.108e-16	3.108e-16	4.714e-13	-1.000e+02	-3.520e-15	8.495e-15
El: 40 - C.c: 11	3.289e+02	-3.235e+02	1.231e-15	-2.000e+00	-2.031e-15	2.031e-15	-6.270e-16	6.270e-16	5.704e-13	-8.573e-14	6.471e-14	1.000e+02
El: 40 - C.c: 12	3.316e+02	-3.262e+02	3.888e-16	-3.888e-16	-2.695e-15	2.000e+00	-2.459e-16	2.459e-16	6.703e-13	1.000e+02	-2.067e-15	1.408e-14
El: 40 - C.c: 13	3.262e+02	-3.208e+02	2.962e-16	-2.962e-16	-1.363e-15	-2.000e+00	-3.108e-16	3.108e-16	4.714e-13	-1.000e+02	-3.520e-15	8.495e-15
El: 41 - C.c: 1	4.258e+02	-4.187e+02	3.437e-15	3.000e+00	8.458e-15	-8.458e-15	5.533e-16	-5.533e-16	-1.058e-13	-1.043e-12	3.344e-14	-1.500e+02
El: 41 - C.c: 2	3.275e+02	-3.221e+02	2.336e-15	2.000e+00	6.504e-15	-6.504e-15	4.596e-16	-4.596e-16	-8.162e-14	-8.020e-13	2.135e-14	-1.000e+02
El: 41 - C.c: 3	3.275e+02	-3.221e+02	7.376e-16	4.000e-01	6.492e-15	-6.492e-15	6.366e-16	-6.366e-16	-8.283e-14	-8.005e-13	-1.386e-15	-2.000e+01
El: 41 - C.c: 4	3.275e+02	-3.221e+02	3.380e-16	-3.380e-16	6.489e-15	-6.489e-15	6.809e-16	-6.809e-16	-8.313e-14	-8.001e-13	-7.070e-15	1.764e-14
El: 41 - C.c: 5	4.258e+02	-4.188e+02	-2.558e-15	-3.000e+00	8.413e-15	-8.413e-15	1.217e-15	-1.217e-15	-1.103e-13	-1.037e-12	-5.182e-14	1.500e+02
El: 41 - C.c: 6	4.281e+02	-4.211e+02	4.833e-16	-4.833e-16	1.343e-14	3.000e+00	7.116e-16	-7.116e-16	-9.209e-14	1.500e+02	-1.003e-14	2.595e-14
El: 41 - C.c: 7	4.235e+02	-4.164e+02	3.954e-16	-3.954e-16	3.440e-15	-3.000e+00	1.059e-15	-1.059e-15	-1.241e-13	-1.500e+02	-8.348e-15	1.991e-14
El: 41 - C.c: 8	3.276e+02	-3.221e+02	-1.660e-15	-2.000e+00	6.474e-15	-6.474e-15	9.021e-16	-9.021e-16	-8.465e-14	-7.981e-13	-3.549e-14	1.000e+02
El: 41 - C.c: 9	3.291e+02	-3.237e+02	3.673e-16	-3.673e-16	9.820e-15	2.000e+00	5.652e-16	-5.652e-16	-7.248e-14	1.000e+02	-7.632e-15	1.965e-14
El: 41 - C.c: 10	3.260e+02	-3.206e+02	3.086e-16	-3.086e-16	3.158e-15	-2.000e+00	7.966e-16	-7.966e-16	-9.379e-14	-1.000e+02	-6.508e-15	1.563e-14
El: 41 - C.c: 11	3.276e+02	-3.221e+02	-1.660e-15	-2.000e+00	6.474e-15	-6.474e-15	9.021e-16	-9.021e-16	-8.465e-14	-7.981e-13	-3.549e-14	1.000e+02
El: 41 - C.c: 12	3.291e+02	-3.237e+02	3.673e-16	-3.673e-16	9.820e-15	2.000e+00	5.652e-16	-5.652e-16	-7.248e-14	1.000e+02	-7.632e-15	1.965e-14
El: 41 - C.c: 13	3.260e+02	-3.206e+02	3.086e-16	-3.086e-16	3.158e-15	-2.000e+00	7.966e-16	-7.966e-16	-9.379e-14	-1.000e+02	-6.508e-15	1.563e-14
El: 42 - C.c: 1	4.176e+02	-4.105e+02	-2.993e-15	3.000e+00	1.106e-14	-1.106e-14	-7.701e-17	7.701e-17	9.335e-14	-8.832e-13	-2.570e-13	-1.500e+02
El: 42 - C.c: 2	3.213e+02	-3.159e+02	-2.029e-15	2.000e+00	8.515e-15	-8.515e-15	-5.031e-17	5.031e-17	6.905e-14	-6.799e-13	-1.775e-13	-1.000e+02
El: 42 - C.c: 3	3.218e+02	-3.164e+02	-6.077e-16	4.000e-01	8.552e-15	-8.552e-15	-3.903e-18	3.903e-18	5.467e-14	-6.828e-13	-7.231e-14	-2.000e+01
El: 42 - C.c: 4	3.219e+02	-3.165e+02	-2.524e-16	2.524e-16	8.561e-15	-8.561e-15	7.699e-18	-7.699e-18	5.108e-14	-6.835e-13	-4.602e-14	2.875e-14
El: 42 - C.c: 5	4.194e+02	-4.124e+02	2.336e-15	-3.000e+00	1.120e-14	-1.120e-14	9.702e-17	-9.702e-17	3.945e-14	-8.939e-13	1.374e-13	1.500e+02
El: 42 - C.c: 6	4.167e+02	-4.097e+02	-3.393e-16	3.393e-16	1.046e-14	3.000e+00	2.164e-16	-2.164e-16	6.107e-14	1.500e+02	-6.850e-14	3.559e-14
El: 42 - C.c: 7	4.203e+02	-4.132e+02	-3.170e-16	3.170e-16	1.180e-14	-3.000e+00	-1.964e-16	1.964e-16	7.173e-14	-1.500e+02	-5.114e-14	3.917e-14
El: 42 - C.c: 8	3.225e+02	-3.171e+02	1.524e-15	-2.000e+00	8.607e-15	-8.607e-15	6.571e-17	-6.571e-17	3.311e-14	-6.870e-13	8.543e-14	1.000e+02
El: 42 - C.c: 9	3.207e+02	-3.153e+02	-2.598e-16	2.598e-16	8.117e-15	2.000e+00	1.453e-16	-1.453e-16	4.753e-14	1.000e+02	-5.180e-14	2.756e-14
El: 42 - C.c: 10	3.231e+02	-3.177e+02	-2.450e-16	2.450e-16	9.005e-15	-2.000e+00	-1.299e-16	1.299e-16	5.463e-14	-1.000e+02	-4.023e-14	2.994e-14
El: 42 - C.c: 11	3.225e+02	-3.171e+02	1.524e-15	-2.000e+00	8.607e-15	-8.607e-15	6.571e-17	-6.571e-17	3.311e-14	-6.870e-13	8.543e-14	1.000e+02
El: 42 - C.c: 12	3.207e+02	-3.153e+02	-2.598e-16	2.598e-16	8.117e-15	2.000e+00	1.453e-16	-1.453e-16	4.753e-14	1.000e+02	-5.180e-14	2.756e-14
El: 42 - C.c: 13	3.231e+02	-3.177e+02	-2.450e-16	2.450e-16	9.005e-15	-2.000e+00	-1.299e-16	1.299e-16	5.463e-14	-1.000e+02	-4.023e-14	2.994e-14
El: 43 - C.c: 1	3.728e+02	-3.658e+02	5.686e+00	-2.686e+00	-2.643e+00	2.643e+00	2.261e+01	-2.261e+01	-2.462e+02	5.105e+02	2.315e+02	1.871e+02
El: 43 - C.c: 2	2.879e+02	-2.825e+02	3.956e+00	-1.956e+00	-2.052e+00	2.052e+00	1.675e+01	-1.675e+01	-1.883e+02	3.935e+02	1.622e+02	1.334e+02
El: 43 - C.c: 3	2.937e+02	-2.883e+02	1.782e+00	-1.382e+00	-2.152e+00	2.152e+00	1.344e+01	-1.344e+01	-1.824e+02	3.976e+02	7.928e+01	7.890e+01

COMUNE DI PRAIANO c_g976 0007113 Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 Ingresso 09/09/2024 12:39

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 4 43 - C.c:	2.952e+02	-2.897e+02	1.238e+00	-1.238e+00	-2.177e+00	2.177e+00	1.261e+01	-1.261e+01	-1.809e+02	3.986e+02	5.856e+01	6.527e+01
El: 5 43 - C.c:	3.946e+02	-3.875e+02	-2.466e+00	-5.339e-01	-3.017e+00	3.017e+00	1.017e+01	-1.017e+01	-2.242e+02	5.259e+02	-7.927e+01	-1.734e+01
El: 6 43 - C.c:	3.710e+02	-3.640e+02	1.706e+00	-1.706e+00	6.158e+00	-3.158e+00	2.486e+01	-2.486e+01	-6.932e+02	2.274e+02	8.142e+01	8.913e+01
El: 7 43 - C.c:	3.964e+02	-3.893e+02	1.514e+00	-1.514e+00	-1.182e+01	8.819e+00	7.919e+00	-7.919e+00	2.229e+02	8.090e+02	7.084e+01	8.058e+01
El: 8 43 - C.c:	3.024e+02	-2.970e+02	-1.479e+00	-5.210e-01	-2.302e+00	2.302e+00	8.460e+00	-8.460e+00	-1.736e+02	4.037e+02	-4.504e+01	-2.856e+00
El: 9 43 - C.c:	2.867e+02	-2.813e+02	1.302e+00	-1.302e+00	3.815e+00	-1.815e+00	1.825e+01	-1.825e+01	-4.863e+02	2.048e+02	6.209e+01	6.813e+01
El: 10 43 - C.c:	3.036e+02	-2.982e+02	1.175e+00	-1.175e+00	-8.169e+00	6.169e+00	6.961e+00	-6.961e+00	1.245e+02	5.925e+02	5.503e+01	6.242e+01
El: 11 43 - C.c:	3.024e+02	-2.970e+02	-1.479e+00	-5.210e-01	-2.302e+00	2.302e+00	8.460e+00	-8.460e+00	-1.736e+02	4.037e+02	-4.504e+01	-2.856e+00
El: 12 43 - C.c:	2.867e+02	-2.813e+02	1.302e+00	-1.302e+00	3.815e+00	-1.815e+00	1.825e+01	-1.825e+01	-4.863e+02	2.048e+02	6.209e+01	6.813e+01
El: 13 43 - C.c:	3.036e+02	-2.982e+02	1.175e+00	-1.175e+00	-8.169e+00	6.169e+00	6.961e+00	-6.961e+00	1.245e+02	5.925e+02	5.503e+01	6.242e+01
El: 1 44 - C.c:	1.512e+02	-1.442e+02	-3.065e+00	6.065e+00	-5.243e+01	5.243e+01	-1.377e+00	1.377e+00	2.578e+03	2.665e+03	-1.954e+02	-2.610e+02
El: 2 44 - C.c:	1.175e+02	-1.120e+02	-2.322e+00	4.322e+00	-4.033e+01	4.033e+01	-1.479e+00	1.479e+00	1.983e+03	2.050e+03	-1.421e+02	-1.902e+02
El: 3 44 - C.c:	1.232e+02	-1.178e+02	-2.140e+00	2.540e+00	-4.032e+01	4.032e+01	-3.663e+00	3.663e+00	1.980e+03	2.051e+03	-9.909e+01	-1.349e+02
El: 4 44 - C.c:	1.247e+02	-1.193e+02	-2.095e+00	2.095e+00	-4.031e+01	4.031e+01	-4.209e+00	4.209e+00	1.980e+03	2.051e+03	-8.835e+01	-1.211e+02
El: 5 44 - C.c:	1.729e+02	-1.659e+02	-2.382e+00	-6.183e-01	-5.237e+01	5.237e+01	-9.566e+00	9.566e+00	2.569e+03	2.668e+03	-3.430e+01	-5.387e+01
El: 6 44 - C.c:	1.512e+02	-1.441e+02	-2.689e+00	2.689e+00	-5.240e+01	5.540e+01	2.547e+00	-2.547e+00	2.685e+03	2.705e+03	-1.130e+02	-1.559e+02
El: 7 44 - C.c:	1.730e+02	-1.659e+02	-2.757e+00	2.757e+00	-5.241e+01	4.941e+01	-1.349e+01	1.349e+01	2.463e+03	2.628e+03	-1.167e+02	-1.590e+02
El: 8 44 - C.c:	1.319e+02	-1.265e+02	-1.867e+00	-1.329e-01	-4.029e+01	4.029e+01	-6.938e+00	6.938e+00	1.977e+03	2.052e+03	-3.465e+01	-5.206e+01
El: 9 44 - C.c:	1.174e+02	-1.120e+02	-2.072e+00	2.072e+00	-4.031e+01	4.231e+01	1.137e+00	-1.137e+00	2.054e+03	2.077e+03	-8.710e+01	-1.201e+02
El: 10 44 - C.c:	1.319e+02	-1.265e+02	-2.117e+00	2.117e+00	-4.032e+01	3.832e+01	-9.555e+00	9.555e+00	1.906e+03	2.026e+03	-8.961e+01	-1.221e+02
El: 11 44 - C.c:	1.319e+02	-1.265e+02	-1.867e+00	-1.329e-01	-4.029e+01	4.029e+01	-6.938e+00	6.938e+00	1.977e+03	2.052e+03	-3.465e+01	-5.206e+01
El: 12 44 - C.c:	1.174e+02	-1.120e+02	-2.072e+00	2.072e+00	-4.031e+01	4.231e+01	1.137e+00	-1.137e+00	2.054e+03	2.077e+03	-8.710e+01	-1.201e+02
El: 13 44 - C.c:	1.319e+02	-1.265e+02	-2.117e+00	2.117e+00	-4.032e+01	3.832e+01	-9.555e+00	9.555e+00	1.906e+03	2.026e+03	-8.961e+01	-1.221e+02
El: 1 45 - C.c:	5.988e+02	-5.917e+02	-7.276e+00	1.028e+01	-1.969e+01	1.969e+01	1.417e+01	-1.417e+01	5.719e+02	1.397e+03	-2.087e+02	-6.689e+02
El: 2 45 - C.c:	4.596e+02	-4.542e+02	-6.002e+00	8.002e+00	-1.523e+01	1.523e+01	1.010e+01	-1.010e+01	4.441e+02	1.078e+03	-1.759e+02	-5.243e+02
El: 3 45 - C.c:	4.544e+02	-4.490e+02	-8.110e+00	8.510e+00	-1.565e+01	1.565e+01	5.947e+00	-5.947e+00	4.657e+02	1.099e+03	-2.560e+02	-5.750e+02
El: 4 45 - C.c:	4.532e+02	-4.477e+02	-8.637e+00	8.637e+00	-1.576e+01	1.576e+01	4.909e+00	-4.909e+00	4.711e+02	1.105e+03	-2.760e+02	-5.877e+02
El: 5 45 - C.c:	5.794e+02	-5.724e+02	-1.518e+01	1.218e+01	-2.129e+01	2.129e+01	-1.407e+00	1.407e+00	6.530e+02	1.476e+03	-5.090e+02	-8.590e+02
El: 6 45 - C.c:	5.818e+02	-5.747e+02	-1.167e+01	1.167e+01	-1.675e+01	1.975e+01	9.971e+00	-9.971e+00	4.714e+02	1.353e+03	-3.810e+02	-7.857e+02
El: 7 45 - C.c:	5.964e+02	-5.893e+02	-1.079e+01	1.079e+01	-2.423e+01	2.123e+01	2.791e+00	-2.791e+00	7.536e+02	1.519e+03	-3.367e+02	-7.423e+02
El: 8 45 - C.c:	4.467e+02	-4.413e+02	-1.127e+01	9.272e+00	-1.629e+01	1.629e+01	-2.838e-01	2.838e-01	4.982e+02	1.131e+03	-3.761e+02	-6.510e+02
El: 9 45 - C.c:	4.483e+02	-4.428e+02	-8.929e+00	8.929e+00	-1.327e+01	1.527e+01	7.302e+00	-7.302e+00	3.771e+02	1.049e+03	-2.908e+02	-6.021e+02
El: 10 45 - C.c:	4.580e+02	-4.526e+02	-8.345e+00	8.345e+00	-1.825e+01	1.625e+01	2.515e+00	-2.515e+00	5.652e+02	1.160e+03	-2.613e+02	-5.732e+02
El: 11 45 - C.c:	4.467e+02	-4.413e+02	-1.127e+01	9.272e+00	-1.629e+01	1.629e+01	-2.838e-01	2.838e-01	4.982e+02	1.131e+03	-3.761e+02	-6.510e+02
El: 12 45 - C.c:	4.483e+02	-4.428e+02	-8.929e+00	8.929e+00	-1.327e+01	1.527e+01	7.302e+00	-7.302e+00	3.771e+02	1.049e+03	-2.908e+02	-6.021e+02
El: 13 45 - C.c:	4.580e+02	-4.526e+02	-8.345e+00	8.345e+00	-1.825e+01	1.625e+01	2.515e+00	-2.515e+00	5.652e+02	1.160e+03	-2.613e+02	-5.732e+02
El: 1 46 - C.c:	1.956e+02	-1.885e+02	-2.843e+01	3.143e+01	-6.086e+01	6.086e+01	4.323e+00	-4.323e+00	2.875e+03	3.211e+03	-1.414e+03	-1.579e+03
El: 2 46 - C.c:	1.494e+02	-1.440e+02	-2.183e+01	2.383e+01	-4.677e+01	4.677e+01	3.293e+00	-3.293e+00	2.209e+03	2.468e+03	-1.079e+03	-1.203e+03
El: 3 46 - C.c:	1.440e+02	-1.385e+02	-2.159e+01	2.199e+01	-4.655e+01	4.655e+01	3.124e+00	-3.124e+00	2.199e+03	2.457e+03	-1.035e+03	-1.144e+03
El: 46 - C.c:	1.426e+02	-1.372e+02	-2.153e+01	2.153e+01	-4.650e+01	4.650e+01	3.081e+00	-3.081e+00	2.196e+03	2.454e+03	-1.025e+03	-1.129e+03

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 4 46 - C.c:	1.752e+02	-1.681e+02	-2.756e+01	2.456e+01	-6.004e+01	6.004e+01	3.688e+00	-3.688e+00	2.834e+03	3.169e+03	-1.250e+03	-1.356e+03
El: 5 46 - C.c:	1.788e+02	-1.718e+02	-2.767e+01	2.767e+01	-6.045e+01	6.345e+01	-1.341e+00	1.341e+00	2.915e+03	3.280e+03	-1.313e+03	-1.454e+03
El: 6 46 - C.c:	1.920e+02	-1.849e+02	-2.832e+01	2.832e+01	-6.045e+01	5.745e+01	9.352e+00	-9.352e+00	2.794e+03	3.101e+03	-1.351e+03	-1.481e+03
El: 7 46 - C.c:	1.358e+02	-1.304e+02	-2.124e+01	1.924e+01	-4.622e+01	4.622e+01	2.870e+00	-2.870e+00	2.182e+03	2.440e+03	-9.697e+02	-1.054e+03
El: 8 46 - C.c:	1.382e+02	-1.328e+02	-2.132e+01	2.132e+01	-4.650e+01	4.850e+01	-4.828e-01	4.828e-01	2.236e+03	2.514e+03	-1.012e+03	-1.120e+03
El: 9 46 - C.c:	1.470e+02	-1.416e+02	-2.175e+01	2.175e+01	-4.650e+01	4.450e+01	6.646e+00	-6.646e+00	2.156e+03	2.394e+03	-1.037e+03	-1.138e+03
El: 10 46 - C.c:	1.358e+02	-1.304e+02	-2.124e+01	1.924e+01	-4.622e+01	4.622e+01	2.870e+00	-2.870e+00	2.182e+03	2.440e+03	-9.697e+02	-1.054e+03
El: 11 46 - C.c:	1.382e+02	-1.328e+02	-2.132e+01	2.132e+01	-4.650e+01	4.850e+01	-4.828e-01	4.828e-01	2.236e+03	2.514e+03	-1.012e+03	-1.120e+03
El: 12 46 - C.c:	1.470e+02	-1.416e+02	-2.175e+01	2.175e+01	-4.650e+01	4.450e+01	6.646e+00	-6.646e+00	2.156e+03	2.394e+03	-1.037e+03	-1.138e+03
El: 13 46 - C.c:	4.260e+02	-4.190e+02	1.191e+01	-8.907e+00	2.077e+01	-2.077e+01	1.674e+01	-1.674e+01	-7.569e+02	-1.320e+03	4.730e+02	5.677e+02
El: 1 47 - C.c:	3.281e+02	-3.226e+02	8.550e+00	-6.550e+00	1.596e+01	-1.596e+01	1.141e+01	-1.141e+01	-5.814e+02	-1.015e+03	3.371e+02	4.178e+02
El: 2 47 - C.c:	3.297e+02	-3.243e+02	5.381e+00	-4.981e+00	1.590e+01	-1.590e+01	3.782e+00	-3.782e+00	-5.771e+02	-1.013e+03	1.982e+02	3.199e+02
El: 3 47 - C.c:	3.301e+02	-3.247e+02	4.589e+00	-4.589e+00	1.588e+01	-1.588e+01	1.875e+00	-1.875e+00	-5.760e+02	-1.012e+03	1.635e+02	2.954e+02
El: 4 47 - C.c:	4.323e+02	-4.253e+02	2.391e-02	-3.024e+00	2.053e+01	-2.053e+01	-1.186e+01	1.186e+01	-7.407e+02	-1.312e+03	-4.792e+01	2.003e+02
El: 5 47 - C.c:	4.288e+02	-4.217e+02	5.711e+00	-5.711e+00	2.440e+01	-2.140e+01	6.039e+00	-6.039e+00	-8.898e+02	-1.400e+03	1.991e+02	3.720e+02
El: 6 47 - C.c:	4.296e+02	-4.225e+02	6.220e+00	-6.220e+00	1.689e+01	-1.989e+01	-1.165e+00	1.165e+00	-6.078e+02	-1.231e+03	2.260e+02	3.960e+02
El: 7 47 - C.c:	3.322e+02	-3.268e+02	6.278e-01	-2.628e+00	1.580e+01	-1.580e+01	-7.660e+00	7.660e+00	-5.706e+02	-1.010e+03	-1.015e+01	1.729e+02
El: 8 47 - C.c:	3.299e+02	-3.244e+02	4.419e+00	-4.419e+00	1.839e+01	-1.639e+01	4.276e+00	-4.276e+00	-6.700e+02	-1.069e+03	1.545e+02	2.874e+02
El: 9 47 - C.c:	3.304e+02	-3.250e+02	4.758e+00	-4.758e+00	1.338e+01	-1.538e+01	-5.265e-01	5.265e-01	-4.820e+02	-9.560e+02	1.725e+02	3.034e+02
El: 10 47 - C.c:	3.322e+02	-3.268e+02	6.278e-01	-2.628e+00	1.580e+01	-1.580e+01	-7.660e+00	7.660e+00	-5.706e+02	-1.010e+03	-1.015e+01	1.729e+02
El: 11 47 - C.c:	3.299e+02	-3.244e+02	4.419e+00	-4.419e+00	1.839e+01	-1.639e+01	4.276e+00	-4.276e+00	-6.700e+02	-1.069e+03	1.545e+02	2.874e+02
El: 12 47 - C.c:	3.304e+02	-3.250e+02	4.758e+00	-4.758e+00	1.338e+01	-1.538e+01	-5.265e-01	5.265e-01	-4.820e+02	-9.560e+02	1.725e+02	3.034e+02
El: 13 47 - C.c:	2.105e+02	-2.035e+02	1.596e+01	-1.296e+01	4.653e+01	-4.653e+01	-4.516e+00	4.516e+00	-2.060e+03	-2.593e+03	6.230e+02	8.230e+02
El: 1 48 - C.c:	1.619e+02	-1.564e+02	1.225e+01	-1.025e+01	3.583e+01	-3.583e+01	-4.196e+00	4.196e+00	-1.587e+03	-1.996e+03	4.850e+02	6.396e+02
El: 2 48 - C.c:	1.615e+02	-1.560e+02	1.209e+01	-1.169e+01	3.600e+01	-3.600e+01	-7.948e+00	7.948e+00	-1.601e+03	-1.999e+03	5.154e+02	6.734e+02
El: 3 48 - C.c:	1.614e+02	-1.559e+02	1.205e+01	-1.205e+01	3.604e+01	-3.604e+01	-8.887e+00	8.887e+00	-1.604e+03	-2.000e+03	5.229e+02	6.819e+02
El: 4 48 - C.c:	2.090e+02	-2.020e+02	1.537e+01	-1.837e+01	4.718e+01	-4.718e+01	-1.859e+01	1.859e+01	-2.111e+03	-2.607e+03	7.367e+02	9.500e+02
El: 5 48 - C.c:	2.080e+02	-2.009e+02	1.561e+01	-1.561e+01	4.733e+01	-4.433e+01	-1.531e+01	1.531e+01	-2.045e+03	-2.538e+03	6.746e+02	8.866e+02
El: 6 48 - C.c:	2.116e+02	-2.046e+02	1.571e+01	-1.571e+01	4.638e+01	-4.938e+01	-7.791e+00	7.791e+00	-2.125e+03	-2.663e+03	6.850e+02	8.864e+02
El: 7 48 - C.c:	1.609e+02	-1.554e+02	1.185e+01	-1.385e+01	3.626e+01	-3.626e+01	-1.358e+01	1.358e+01	-1.621e+03	-2.005e+03	5.608e+02	7.242e+02
El: 8 48 - C.c:	1.602e+02	-1.547e+02	1.201e+01	-1.201e+01	3.636e+01	-3.436e+01	-1.139e+01	1.139e+01	-1.577e+03	-1.959e+03	5.195e+02	6.820e+02
El: 9 48 - C.c:	1.626e+02	-1.572e+02	1.208e+01	-1.208e+01	3.573e+01	-3.773e+01	-6.379e+00	6.379e+00	-1.631e+03	-2.042e+03	5.264e+02	6.819e+02
El: 10 48 - C.c:	1.609e+02	-1.554e+02	1.185e+01	-1.385e+01	3.626e+01	-3.626e+01	-1.358e+01	1.358e+01	-1.621e+03	-2.005e+03	5.608e+02	7.242e+02
El: 11 48 - C.c:	1.602e+02	-1.547e+02	1.201e+01	-1.201e+01	3.636e+01	-3.436e+01	-1.139e+01	1.139e+01	-1.577e+03	-1.959e+03	5.195e+02	6.820e+02
El: 12 48 - C.c:	1.626e+02	-1.572e+02	1.208e+01	-1.208e+01	3.573e+01	-3.773e+01	-6.379e+00	6.379e+00	-1.631e+03	-2.042e+03	5.264e+02	6.819e+02
El: 13 48 - C.c:	4.540e+02	-4.469e+02	1.646e+01	-1.346e+01	1.644e+01	-1.644e+01	1.278e+01	-1.278e+01	-5.947e+02	-1.049e+03	6.132e+02	8.828e+02
El: 1 49 - C.c:	3.490e+02	-3.436e+02	1.208e+01	-1.008e+01	1.271e+01	-1.271e+01	8.508e+00	-8.508e+00	-4.612e+02	-8.102e+02	4.471e+02	6.613e+02
El: 2 49 - C.c:	3.480e+02	-3.425e+02	9.079e+00	-8.679e+00	1.308e+01	-1.308e+01	1.645e+00	-1.645e+00	-4.809e+02	-8.276e+02	3.190e+02	5.689e+02
El: 3 49 - C.c:	3.477e+02	-3.423e+02	8.328e+00	-8.328e+00	1.318e+01	-1.318e+01	-7.122e-02	7.122e-02	-4.858e+02	-8.319e+02	2.870e+02	5.457e+02
El: 4 49 - C.c:												

COMUNE DI PRAIANO c_g976 0007103 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 5 49 - C.c:	4.501e+02	-4.430e+02	5.191e+00	-8.191e+00	1.782e+01	-1.782e+01	-1.296e+01	1.296e+01	-6.684e+02	-1.114e+03	1.330e+02	5.361e+02
El: 6 49 - C.c:	4.516e+02	-4.446e+02	1.047e+01	-1.047e+01	2.067e+01	-1.767e+01	-1.854e+00	1.854e+00	-7.645e+02	-1.153e+03	3.559e+02	6.916e+02
El: 7 49 - C.c:	4.524e+02	-4.453e+02	1.118e+01	-1.118e+01	1.359e+01	-1.659e+01	1.669e+00	-1.669e+00	-4.986e+02	-1.010e+03	3.903e+02	7.273e+02
El: 8 49 - C.c:	3.464e+02	-3.410e+02	4.571e+00	-6.571e+00	1.364e+01	-1.364e+01	-8.650e+00	8.650e+00	-5.104e+02	-8.536e+02	1.269e+02	4.302e+02
El: 9 49 - C.c:	3.475e+02	-3.420e+02	8.094e+00	-8.094e+00	1.554e+01	-1.354e+01	-1.246e+00	1.246e+00	-5.744e+02	-8.795e+02	2.755e+02	5.338e+02
El: 10 49 - C.c:	3.480e+02	-3.425e+02	8.561e+00	-8.561e+00	1.082e+01	-1.282e+01	1.103e+00	-1.103e+00	-3.972e+02	-7.843e+02	2.985e+02	5.576e+02
El: 11 49 - C.c:	3.464e+02	-3.410e+02	4.571e+00	-6.571e+00	1.364e+01	-1.364e+01	-8.650e+00	8.650e+00	-5.104e+02	-8.536e+02	1.269e+02	4.302e+02
El: 12 49 - C.c:	3.475e+02	-3.420e+02	8.094e+00	-8.094e+00	1.554e+01	-1.354e+01	-1.246e+00	1.246e+00	-5.744e+02	-8.795e+02	2.755e+02	5.338e+02
El: 13 49 - C.c:	3.480e+02	-3.425e+02	8.561e+00	-8.561e+00	1.082e+01	-1.282e+01	1.103e+00	-1.103e+00	-3.972e+02	-7.843e+02	2.985e+02	5.576e+02
El: 1 50 - C.c:	2.235e+02	-2.164e+02	2.843e+01	-2.543e+01	3.852e+01	-3.852e+01	2.830e+00	-2.830e+00	-1.680e+03	-2.171e+03	1.207e+03	1.486e+03
El: 2 50 - C.c:	1.721e+02	-1.667e+02	2.184e+01	-1.984e+01	2.968e+01	-2.968e+01	1.626e+00	-1.626e+00	-1.296e+03	-1.673e+03	9.341e+02	1.150e+03
El: 3 50 - C.c:	1.732e+02	-1.678e+02	2.168e+01	-2.128e+01	2.998e+01	-2.998e+01	-1.235e+00	1.235e+00	-1.314e+03	-1.684e+03	9.616e+02	1.187e+03
El: 4 50 - C.c:	1.735e+02	-1.680e+02	2.164e+01	-2.164e+01	3.005e+01	-3.005e+01	-1.950e+00	1.950e+00	-1.318e+03	-1.687e+03	9.685e+02	1.196e+03
El: 5 50 - C.c:	2.276e+02	-2.205e+02	2.784e+01	-3.084e+01	3.961e+01	-3.961e+01	-7.900e+00	7.900e+00	-1.748e+03	-2.214e+03	1.311e+03	1.623e+03
El: 6 50 - C.c:	2.257e+02	-2.186e+02	2.814e+01	-2.814e+01	3.968e+01	-3.668e+01	-7.583e+00	7.583e+00	-1.679e+03	-2.139e+03	1.256e+03	1.558e+03
El: 7 50 - C.c:	2.254e+02	-2.183e+02	2.813e+01	-2.813e+01	3.845e+01	-4.145e+01	2.512e+00	-2.512e+00	-1.749e+03	-2.246e+03	1.262e+03	1.552e+03
El: 8 50 - C.c:	1.748e+02	-1.694e+02	2.145e+01	-2.345e+01	3.042e+01	-3.042e+01	-5.527e+00	5.527e+00	-1.341e+03	-1.701e+03	1.003e+03	1.242e+03
El: 9 50 - C.c:	1.736e+02	-1.681e+02	2.164e+01	-2.164e+01	3.046e+01	-2.846e+01	-5.316e+00	5.316e+00	-1.295e+03	-1.651e+03	9.665e+02	1.198e+03
El: 10 50 - C.c:	1.734e+02	-1.679e+02	2.164e+01	-2.164e+01	2.964e+01	-3.164e+01	1.415e+00	-1.415e+00	-1.342e+03	-1.722e+03	9.704e+02	1.194e+03
El: 11 50 - C.c:	1.748e+02	-1.694e+02	2.145e+01	-2.345e+01	3.042e+01	-3.042e+01	-5.527e+00	5.527e+00	-1.341e+03	-1.701e+03	1.003e+03	1.242e+03
El: 12 50 - C.c:	1.736e+02	-1.681e+02	2.164e+01	-2.164e+01	3.046e+01	-2.846e+01	-5.316e+00	5.316e+00	-1.295e+03	-1.651e+03	9.665e+02	1.198e+03
El: 13 50 - C.c:	1.734e+02	-1.679e+02	2.164e+01	-2.164e+01	2.964e+01	-3.164e+01	1.415e+00	-1.415e+00	-1.342e+03	-1.722e+03	9.704e+02	1.194e+03
El: 1 51 - C.c:	1.952e+02	-1.881e+02	3.337e+01	-3.037e+01	3.335e+01	-3.335e+01	-2.155e+00	2.155e+00	-1.498e+03	-1.837e+03	1.435e+03	1.752e+03
El: 2 51 - C.c:	1.501e+02	-1.446e+02	2.555e+01	-2.355e+01	2.559e+01	-2.559e+01	-1.816e+00	1.816e+00	-1.149e+03	-1.410e+03	1.105e+03	1.350e+03
El: 3 51 - C.c:	1.497e+02	-1.443e+02	2.494e+01	-2.454e+01	2.525e+01	-2.525e+01	-2.638e+00	2.638e+00	-1.133e+03	-1.393e+03	1.113e+03	1.361e+03
El: 4 51 - C.c:	1.497e+02	-1.442e+02	2.479e+01	-2.479e+01	2.517e+01	-2.517e+01	-2.843e+00	2.843e+00	-1.129e+03	-1.388e+03	1.115e+03	1.364e+03
El: 5 51 - C.c:	1.940e+02	-1.869e+02	3.109e+01	-3.409e+01	3.210e+01	-3.210e+01	-5.238e+00	5.238e+00	-1.437e+03	-1.773e+03	1.463e+03	1.795e+03
El: 6 51 - C.c:	1.946e+02	-1.875e+02	3.284e+01	-3.284e+01	3.417e+01	-3.117e+01	-6.554e+00	6.554e+00	-1.471e+03	-1.796e+03	1.476e+03	1.807e+03
El: 7 51 - C.c:	1.945e+02	-1.875e+02	3.162e+01	-3.162e+01	3.127e+01	-3.427e+01	-8.380e-01	8.380e-01	-1.464e+03	-1.814e+03	1.422e+03	1.740e+03
El: 8 51 - C.c:	1.493e+02	-1.438e+02	2.403e+01	-2.603e+01	2.475e+01	-2.475e+01	-3.871e+00	3.871e+00	-1.108e+03	-1.367e+03	1.124e+03	1.379e+03
El: 9 51 - C.c:	1.497e+02	-1.442e+02	2.520e+01	-2.520e+01	2.613e+01	-2.413e+01	-4.749e+00	4.749e+00	-1.131e+03	-1.382e+03	1.133e+03	1.387e+03
El: 10 51 - C.c:	1.497e+02	-1.442e+02	2.438e+01	-2.438e+01	2.421e+01	-2.621e+01	-9.378e-01	9.378e-01	-1.126e+03	-1.394e+03	1.097e+03	1.342e+03
El: 11 51 - C.c:	1.493e+02	-1.438e+02	2.403e+01	-2.603e+01	2.475e+01	-2.475e+01	-3.871e+00	3.871e+00	-1.108e+03	-1.367e+03	1.124e+03	1.379e+03
El: 12 51 - C.c:	1.497e+02	-1.442e+02	2.520e+01	-2.520e+01	2.613e+01	-2.413e+01	-4.749e+00	4.749e+00	-1.131e+03	-1.382e+03	1.133e+03	1.387e+03
El: 13 51 - C.c:	1.497e+02	-1.442e+02	2.438e+01	-2.438e+01	2.421e+01	-2.621e+01	-9.378e-01	9.378e-01	-1.126e+03	-1.394e+03	1.097e+03	1.342e+03
El: 1 52 - C.c:	4.021e+02	-3.950e+02	1.655e+01	-1.355e+01	1.340e+01	-1.340e+01	1.032e+01	-1.032e+01	-4.839e+02	-8.558e+02	6.093e+02	8.958e+02
El: 2 52 - C.c:	3.092e+02	-3.038e+02	1.218e+01	-1.018e+01	1.036e+01	-1.036e+01	7.390e+00	-7.390e+00	-3.746e+02	-6.615e+02	4.443e+02	6.732e+02
El: 3 52 - C.c:	3.087e+02	-3.032e+02	9.284e+00	-8.884e+00	1.065e+01	-1.065e+01	4.529e+00	-4.529e+00	-3.871e+02	-6.777e+02	3.174e+02	5.910e+02
El: 4 52 - C.c:	3.085e+02	-3.031e+02	8.561e+00	-8.561e+00	1.072e+01	-1.072e+01	3.814e+00	-3.814e+00	-3.902e+02	-6.818e+02	2.857e+02	5.704e+02
El: 52 - C.c:	4.001e+02	-3.931e+02	5.709e+00	-8.709e+00	1.448e+01	-1.448e+01	-4.049e-01	4.049e-01	-5.307e+02	-9.169e+02	1.335e+02	5.874e+02

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
5												
El: 52 - C.c: 6	4.029e+02	-3.959e+02	1.125e+01	-1.125e+01	1.805e+01	-1.505e+01	4.392e+00	-4.392e+00	-6.788e+02	-9.762e+02	3.834e+02	7.417e+02
El: 52 - C.c: 7	3.993e+02	-3.922e+02	1.101e+01	-1.101e+01	9.823e+00	-1.282e+01	5.525e+00	-5.525e+00	-3.358e+02	-7.965e+02	3.595e+02	7.414e+02
El: 52 - C.c: 8	3.079e+02	-3.025e+02	4.947e+00	-6.947e+00	1.108e+01	-1.108e+01	2.386e-01	-2.386e-01	-4.058e+02	-7.021e+02	1.271e+02	4.676e+02
El: 52 - C.c: 9	3.098e+02	-3.043e+02	8.642e+00	-8.642e+00	1.346e+01	-1.146e+01	3.437e+00	-3.437e+00	-5.046e+02	-7.417e+02	2.937e+02	5.705e+02
El: 52 - C.c: 10	3.073e+02	-3.019e+02	8.481e+00	-8.481e+00	7.978e+00	-9.978e+00	4.192e+00	-4.192e+00	-2.759e+02	-6.219e+02	2.777e+02	5.703e+02
El: 52 - C.c: 11	3.079e+02	-3.025e+02	4.947e+00	-6.947e+00	1.108e+01	-1.108e+01	2.386e-01	-2.386e-01	-4.058e+02	-7.021e+02	1.271e+02	4.676e+02
El: 52 - C.c: 12	3.098e+02	-3.043e+02	8.642e+00	-8.642e+00	1.346e+01	-1.146e+01	3.437e+00	-3.437e+00	-5.046e+02	-7.417e+02	2.937e+02	5.705e+02
El: 52 - C.c: 13	3.073e+02	-3.019e+02	8.481e+00	-8.481e+00	7.978e+00	-9.978e+00	4.192e+00	-4.192e+00	-2.759e+02	-6.219e+02	2.777e+02	5.703e+02
El: 53 - C.c: 1	2.493e+02	-2.423e+02	-5.513e+00	8.513e+00	-1.190e+01	1.190e+01	1.022e+01	-1.022e+01	3.258e+02	8.641e+02	-1.558e+02	-5.455e+02
El: 53 - C.c: 2	1.919e+02	-1.864e+02	-4.646e+00	6.646e+00	-9.224e+00	9.224e+00	7.265e+00	-7.265e+00	2.552e+02	6.672e+02	-1.358e+02	-4.288e+02
El: 53 - C.c: 3	1.923e+02	-1.869e+02	-6.754e+00	7.154e+00	-9.593e+00	9.593e+00	4.179e+00	-4.179e+00	2.791e+02	6.802e+02	-2.189e+02	-4.766e+02
El: 53 - C.c: 4	1.924e+02	-1.870e+02	-7.282e+00	7.282e+00	-9.685e+00	9.685e+00	3.408e+00	-3.408e+00	2.851e+02	6.834e+02	-2.396e+02	-4.885e+02
El: 53 - C.c: 5	2.510e+02	-2.440e+02	-1.342e+01	1.042e+01	-1.328e+01	1.328e+01	-1.356e+00	1.356e+00	4.154e+02	9.128e+02	-4.673e+02	-7.246e+02
El: 53 - C.c: 6	2.486e+02	-2.415e+02	-9.509e+00	9.509e+00	-8.245e+00	1.125e+01	2.764e+00	-2.764e+00	1.900e+02	7.846e+02	-3.069e+02	-6.441e+02
El: 53 - C.c: 7	2.518e+02	-2.447e+02	-9.423e+00	9.423e+00	-1.694e+01	1.394e+01	6.096e+00	-6.096e+00	5.512e+02	9.923e+02	-3.162e+02	-6.261e+02
El: 53 - C.c: 8	1.930e+02	-1.876e+02	-9.917e+00	7.917e+00	-1.015e+01	1.015e+01	-4.496e-01	4.496e-01	3.150e+02	6.996e+02	-3.435e+02	-5.482e+02
El: 53 - C.c: 9	1.914e+02	-1.860e+02	-7.310e+00	7.310e+00	-6.788e+00	8.788e+00	2.297e+00	-2.297e+00	1.647e+02	6.142e+02	-2.365e+02	-4.945e+02
El: 53 - C.c: 10	1.935e+02	-1.881e+02	-7.253e+00	7.253e+00	-1.258e+01	1.058e+01	4.518e+00	-4.518e+00	4.055e+02	7.526e+02	-2.427e+02	-4.825e+02
El: 53 - C.c: 11	1.930e+02	-1.876e+02	-9.917e+00	7.917e+00	-1.015e+01	1.015e+01	-4.496e-01	4.496e-01	3.150e+02	6.996e+02	-3.435e+02	-5.482e+02
El: 53 - C.c: 12	1.914e+02	-1.860e+02	-7.310e+00	7.310e+00	-6.788e+00	8.788e+00	2.297e+00	-2.297e+00	1.647e+02	6.142e+02	-2.365e+02	-4.945e+02
El: 53 - C.c: 13	1.935e+02	-1.881e+02	-7.253e+00	7.253e+00	-1.258e+01	1.058e+01	4.518e+00	-4.518e+00	4.055e+02	7.526e+02	-2.427e+02	-4.825e+02
El: 54 - C.c: 1	5.114e+01	-4.408e+01	-2.040e+01	2.340e+01	-3.557e+01	3.557e+01	-2.264e-01	2.264e-01	1.677e+03	1.880e+03	-1.034e+03	-1.156e+03
El: 54 - C.c: 2	3.929e+01	-3.386e+01	-1.573e+01	1.773e+01	-2.743e+01	2.743e+01	-2.907e-01	2.907e-01	1.294e+03	1.450e+03	-7.913e+02	-8.821e+02
El: 54 - C.c: 3	3.903e+01	-3.360e+01	-1.595e+01	1.635e+01	-2.782e+01	2.782e+01	-8.970e-01	8.970e-01	1.313e+03	1.470e+03	-7.705e+02	-8.450e+02
El: 54 - C.c: 4	3.897e+01	-3.354e+01	-1.601e+01	1.601e+01	-2.792e+01	2.792e+01	-1.049e+00	1.049e+00	1.317e+03	1.475e+03	-7.653e+02	-8.357e+02
El: 54 - C.c: 5	5.019e+01	-4.312e+01	-2.123e+01	1.823e+01	-3.703e+01	3.703e+01	-2.500e+00	2.500e+00	1.748e+03	1.954e+03	-9.559e+02	-1.017e+03
El: 54 - C.c: 6	5.042e+01	-4.336e+01	-1.986e+01	1.986e+01	-3.558e+01	3.858e+01	-4.245e+00	4.245e+00	1.739e+03	1.970e+03	-9.464e+02	-1.040e+03
El: 54 - C.c: 7	5.090e+01	-4.384e+01	-2.176e+01	2.176e+01	-3.701e+01	3.401e+01	1.519e+00	-1.519e+00	1.687e+03	1.864e+03	-1.043e+03	-1.133e+03
El: 54 - C.c: 8	3.865e+01	-3.322e+01	-1.629e+01	1.429e+01	-2.841e+01	2.841e+01	-1.806e+00	1.806e+00	1.341e+03	1.500e+03	-7.393e+02	-7.894e+02
El: 54 - C.c: 9	3.881e+01	-3.338e+01	-1.538e+01	1.538e+01	-2.745e+01	2.945e+01	-2.970e+00	2.970e+00	1.335e+03	1.510e+03	-7.329e+02	-8.047e+02
El: 54 - C.c: 10	3.913e+01	-3.370e+01	-1.664e+01	1.664e+01	-2.840e+01	2.640e+01	8.726e-01	-8.726e-01	1.300e+03	1.439e+03	-7.977e+02	-8.667e+02
El: 54 - C.c: 11	3.865e+01	-3.322e+01	-1.629e+01	1.429e+01	-2.841e+01	2.841e+01	-1.806e+00	1.806e+00	1.341e+03	1.500e+03	-7.393e+02	-7.894e+02
El: 54 - C.c: 12	3.881e+01	-3.338e+01	-1.538e+01	1.538e+01	-2.745e+01	2.945e+01	-2.970e+00	2.970e+00	1.335e+03	1.510e+03	-7.329e+02	-8.047e+02
El: 54 - C.c: 13	3.913e+01	-3.370e+01	-1.664e+01	1.664e+01	-2.840e+01	2.640e+01	8.726e-01	-8.726e-01	1.300e+03	1.439e+03	-7.977e+02	-8.667e+02
El: 55 - C.c: 1	6.339e+02	-6.268e+02	-1.780e+01	2.080e+01	-3.916e+00	3.916e+00	9.603e+00	-9.603e+00	8.680e+01	3.048e+02	-5.785e+02	-1.351e+03
El: 55 - C.c: 2	4.879e+02	-4.825e+02	-1.408e+01	1.608e+01	-3.054e+00	3.054e+00	6.611e+00	-6.611e+00	6.970e+01	2.356e+02	-4.599e+02	-1.048e+03
El: 55 - C.c: 3	4.894e+02	-4.840e+02	-1.610e+01	1.650e+01	-3.270e+00	3.270e+00	2.574e+00	-2.574e+00	8.498e+01	2.420e+02	-5.377e+02	-1.092e+03
El: 55 - C.c: 4	4.898e+02	-4.844e+02	-1.661e+01	1.661e+01	-3.324e+00	3.324e+00	1.565e+00	-1.565e+00	8.880e+01	2.436e+02	-5.571e+02	-1.103e+03
El: 55 - C.c: 5	6.396e+02	-6.325e+02	-2.538e+01	2.238e+01	-4.727e+00	4.727e+00	-5.535e+00	5.535e+00	1.441e+02	3.286e+02	-8.700e+02	-1.518e+03

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 6 55 - C.c:	6.488e+02	-6.417e+02	-2.173e+01	2.173e+01	-6.805e-02	3.068e+00	6.057e+00	-6.057e+00	-5.920e+01	2.160e+02	-7.249e+02	-1.448e+03
El: 7 55 - C.c:	6.247e+02	-6.176e+02	-2.144e+01	2.144e+01	-8.574e+00	5.574e+00	-1.989e+00	1.989e+00	2.901e+02	4.173e+02	-7.236e+02	-1.421e+03
El: 8 55 - C.c:	4.917e+02	-4.862e+02	-1.913e+01	1.713e+01	-3.594e+00	3.594e+00	-3.481e+00	3.481e+00	1.079e+02	2.515e+02	-6.543e+02	-1.159e+03
El: 9 55 - C.c:	4.978e+02	-4.924e+02	-1.670e+01	1.670e+01	-4.886e-01	2.489e+00	4.247e+00	-4.247e+00	-2.763e+01	1.765e+02	-5.575e+02	-1.113e+03
El: 10 55 - C.c:	4.818e+02	-4.763e+02	-1.651e+01	1.651e+01	-6.159e+00	4.159e+00	-1.117e+00	1.117e+00	2.052e+02	3.107e+02	-5.567e+02	-1.094e+03
El: 11 55 - C.c:	4.917e+02	-4.862e+02	-1.913e+01	1.713e+01	-3.594e+00	3.594e+00	-3.481e+00	3.481e+00	1.079e+02	2.515e+02	-6.543e+02	-1.159e+03
El: 12 55 - C.c:	4.978e+02	-4.924e+02	-1.670e+01	1.670e+01	-4.886e-01	2.489e+00	4.247e+00	-4.247e+00	-2.763e+01	1.765e+02	-5.575e+02	-1.113e+03
El: 13 55 - C.c:	4.818e+02	-4.763e+02	-1.651e+01	1.651e+01	-6.159e+00	4.159e+00	-1.117e+00	1.117e+00	2.052e+02	3.107e+02	-5.567e+02	-1.094e+03
El: 1 56 - C.c:	2.203e+02	-2.132e+02	-5.051e+01	5.351e+01	-1.368e+01	1.368e+01	-1.028e+01	1.028e+01	6.291e+02	7.384e+02	-2.419e+03	-2.782e+03
El: 2 56 - C.c:	1.696e+02	-1.642e+02	-3.889e+01	4.089e+01	-1.059e+01	1.059e+01	-8.685e+00	8.685e+00	4.868e+02	5.719e+02	-1.856e+03	-2.133e+03
El: 3 56 - C.c:	1.706e+02	-1.652e+02	-3.905e+01	3.945e+01	-1.094e+01	1.094e+01	-1.273e+01	1.273e+01	5.019e+02	5.922e+02	-1.832e+03	-2.093e+03
El: 4 56 - C.c:	1.709e+02	-1.655e+02	-3.909e+01	3.909e+01	-1.103e+01	1.103e+01	-1.374e+01	1.374e+01	5.056e+02	5.973e+02	-1.826e+03	-2.083e+03
El: 5 56 - C.c:	2.241e+02	-2.170e+02	-5.112e+01	4.812e+01	-1.500e+01	1.500e+01	-2.545e+01	2.545e+01	6.854e+02	8.146e+02	-2.329e+03	-2.633e+03
El: 6 56 - C.c:	2.354e+02	-2.284e+02	-4.986e+01	4.986e+01	-1.368e+01	1.668e+01	-1.282e+01	1.282e+01	6.884e+02	8.296e+02	-2.329e+03	-2.657e+03
El: 7 56 - C.c:	2.089e+02	-2.018e+02	-5.177e+01	5.177e+01	-1.500e+01	1.200e+01	-2.291e+01	2.291e+01	6.262e+02	7.234e+02	-2.419e+03	-2.758e+03
El: 8 56 - C.c:	1.722e+02	-1.667e+02	-3.929e+01	3.729e+01	-1.147e+01	1.147e+01	-1.880e+01	1.880e+01	5.244e+02	6.227e+02	-1.796e+03	-2.033e+03
El: 9 56 - C.c:	1.797e+02	-1.743e+02	-3.845e+01	3.845e+01	-1.059e+01	1.259e+01	-1.038e+01	1.038e+01	5.264e+02	6.327e+02	-1.796e+03	-2.049e+03
El: 10 56 - C.c:	1.621e+02	-1.566e+02	-3.972e+01	3.972e+01	-1.147e+01	9.467e+00	-1.710e+01	1.710e+01	4.848e+02	5.619e+02	-1.856e+03	-2.116e+03
El: 11 56 - C.c:	1.722e+02	-1.667e+02	-3.929e+01	3.729e+01	-1.147e+01	1.147e+01	-1.880e+01	1.880e+01	5.244e+02	6.227e+02	-1.796e+03	-2.033e+03
El: 12 56 - C.c:	1.797e+02	-1.743e+02	-3.845e+01	3.845e+01	-1.059e+01	1.259e+01	-1.038e+01	1.038e+01	5.264e+02	6.327e+02	-1.796e+03	-2.049e+03
El: 13 56 - C.c:	1.621e+02	-1.566e+02	-3.972e+01	3.972e+01	-1.147e+01	9.467e+00	-1.710e+01	1.710e+01	4.848e+02	5.619e+02	-1.856e+03	-2.116e+03
El: 1 57 - C.c:	8.696e+02	-8.626e+02	2.488e+00	5.121e-01	1.937e+01	-1.937e+01	9.210e+00	-9.210e+00	-6.567e+02	-1.281e+03	1.270e+02	-2.825e+01
El: 2 57 - C.c:	6.689e+02	-6.635e+02	1.355e+00	6.455e-01	1.498e+01	-1.498e+01	6.394e+00	-6.394e+00	-5.088e+02	-9.887e+02	7.371e+01	-3.826e+01
El: 3 57 - C.c:	6.686e+02	-6.632e+02	-1.554e+00	1.954e+00	1.536e+01	-1.536e+01	2.805e+00	-2.805e+00	-5.279e+02	-1.008e+03	-5.117e+01	-1.242e+02
El: 4 57 - C.c:	6.686e+02	-6.631e+02	-2.281e+00	2.281e+00	1.545e+01	-1.545e+01	1.908e+00	-1.908e+00	-5.327e+02	-1.013e+03	-8.239e+01	-1.457e+02
El: 5 57 - C.c:	8.686e+02	-8.616e+02	-8.417e+00	5.417e+00	2.080e+01	-2.080e+01	-4.249e+00	4.249e+00	-7.283e+02	-1.352e+03	-3.413e+02	-3.505e+02
El: 6 57 - C.c:	8.700e+02	-8.629e+02	-2.804e+00	2.804e+00	2.432e+01	-2.132e+01	4.608e+00	-4.608e+00	-8.648e+02	-1.417e+03	-9.581e+01	-1.846e+02
El: 7 57 - C.c:	8.682e+02	-8.612e+02	-3.125e+00	3.125e+00	1.586e+01	-1.886e+01	3.526e-01	-3.526e-01	-5.202e+02	-1.216e+03	-1.184e+02	-1.941e+02
El: 8 57 - C.c:	6.682e+02	-6.628e+02	-5.916e+00	3.916e+00	1.593e+01	-1.593e+01	-2.578e+00	2.578e+00	-5.565e+02	-1.036e+03	-2.385e+02	-2.531e+02
El: 9 57 - C.c:	6.691e+02	-6.637e+02	-2.173e+00	2.173e+00	1.827e+01	-1.627e+01	3.326e+00	-3.326e+00	-6.476e+02	-1.079e+03	-7.486e+01	-1.425e+02
El: 10 57 - C.c:	6.680e+02	-6.625e+02	-2.388e+00	2.388e+00	1.263e+01	-1.463e+01	4.894e-01	-4.894e-01	-4.178e+02	-9.457e+02	-8.992e+01	-1.488e+02
El: 11 57 - C.c:	6.682e+02	-6.628e+02	-5.916e+00	3.916e+00	1.593e+01	-1.593e+01	-2.578e+00	2.578e+00	-5.565e+02	-1.036e+03	-2.385e+02	-2.531e+02
El: 12 57 - C.c:	6.691e+02	-6.637e+02	-2.173e+00	2.173e+00	1.827e+01	-1.627e+01	3.326e+00	-3.326e+00	-6.476e+02	-1.079e+03	-7.486e+01	-1.425e+02
El: 13 57 - C.c:	6.680e+02	-6.625e+02	-2.388e+00	2.388e+00	1.263e+01	-1.463e+01	4.894e-01	-4.894e-01	-4.178e+02	-9.457e+02	-8.992e+01	-1.488e+02
El: 1 58 - C.c:	4.382e+02	-4.311e+02	-3.868e+00	6.868e+00	5.086e+01	-5.086e+01	5.297e+00	-5.297e+00	-2.328e+03	-2.757e+03	-2.399e+02	-2.969e+02
El: 2 58 - C.c:	3.371e+02	-3.316e+02	-3.079e+00	5.079e+00	3.908e+01	-3.908e+01	3.248e+00	-3.248e+00	-1.789e+03	-2.119e+03	-1.832e+02	-2.247e+02
El: 3 58 - C.c:	3.371e+02	-3.317e+02	-3.617e+00	4.017e+00	3.887e+01	-3.887e+01	-1.050e+00	1.050e+00	-1.778e+03	-2.109e+03	-1.759e+02	-2.058e+02
El: 4 58 - C.c:	3.371e+02	-3.317e+02	-3.751e+00	3.751e+00	3.882e+01	-3.882e+01	-2.124e+00	2.124e+00	-1.775e+03	-2.107e+03	-1.740e+02	-2.011e+02
El: 5 58 - C.c:	4.384e+02	-4.313e+02	-5.886e+00	2.886e+00	5.007e+01	-5.007e+01	-1.082e+01	1.082e+01	-2.287e+03	-2.720e+03	-2.125e+02	-2.260e+02
El: 58 - C.c:	4.384e+02	-4.313e+02	-4.309e+00	4.309e+00	5.180e+01	-4.880e+01	-7.668e-01	7.668e-01	-2.311e+03	-2.719e+03	-1.996e+02	-2.313e+02

COMUNE DI PRAIANO c_g976 0007103 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
6												
El: 58 - C.c: 7	4.381e+02	-4.311e+02	-5.444e+00	5.444e+00	4.913e+01	-5.213e+01	-4.756e+00	4.756e+00	-2.304e+03	-2.758e+03	-2.529e+02	-2.915e+02
El: 58 - C.c: 8	3.372e+02	-3.318e+02	-4.424e+00	2.424e+00	3.855e+01	-3.855e+01	-7.497e+00	7.497e+00	-1.761e+03	-2.094e+03	-1.649e+02	-1.775e+02
El: 58 - C.c: 9	3.372e+02	-3.318e+02	-3.373e+00	3.373e+00	3.971e+01	-3.771e+01	-7.944e-01	7.944e-01	-1.777e+03	-2.093e+03	-1.563e+02	-1.810e+02
El: 58 - C.c: 10	3.370e+02	-3.316e+02	-4.130e+00	4.130e+00	3.793e+01	-3.993e+01	-3.454e+00	3.454e+00	-1.773e+03	-2.120e+03	-1.918e+02	-2.212e+02
El: 58 - C.c: 11	3.372e+02	-3.318e+02	-4.424e+00	2.424e+00	3.855e+01	-3.855e+01	-7.497e+00	7.497e+00	-1.761e+03	-2.094e+03	-1.649e+02	-1.775e+02
El: 58 - C.c: 12	3.372e+02	-3.318e+02	-3.373e+00	3.373e+00	3.971e+01	-3.771e+01	-7.944e-01	7.944e-01	-1.777e+03	-2.093e+03	-1.563e+02	-1.810e+02
El: 58 - C.c: 13	3.370e+02	-3.316e+02	-4.130e+00	4.130e+00	3.793e+01	-3.993e+01	-3.454e+00	3.454e+00	-1.773e+03	-2.120e+03	-1.918e+02	-2.212e+02
El: 59 - C.c: 1	7.878e+02	-7.808e+02	5.720e+00	-2.720e+00	-2.078e+01	2.078e+01	9.676e+00	-9.676e+00	6.568e+02	1.421e+03	1.931e+02	2.289e+02
El: 59 - C.c: 2	6.060e+02	-6.006e+02	4.047e+00	-2.047e+00	-1.600e+01	1.600e+01	6.323e+00	-6.323e+00	5.060e+02	1.094e+03	1.356e+02	1.691e+02
El: 59 - C.c: 3	6.061e+02	-6.007e+02	2.212e+00	-1.812e+00	-1.608e+01	1.608e+01	4.967e-01	-4.967e-01	5.103e+02	1.098e+03	6.851e+01	1.327e+02
El: 59 - C.c: 4	6.061e+02	-6.007e+02	1.753e+00	-1.753e+00	-1.610e+01	1.610e+01	-9.598e-01	9.598e-01	5.113e+02	1.099e+03	5.174e+01	1.236e+02
El: 59 - C.c: 5	7.881e+02	-7.811e+02	-1.161e+00	-1.839e+00	-2.108e+01	2.108e+01	-1.217e+01	1.217e+01	6.727e+02	1.435e+03	-5.857e+01	9.244e+01
El: 59 - C.c: 6	7.892e+02	-7.821e+02	1.857e+00	-1.857e+00	-1.729e+01	2.029e+01	3.580e+00	-3.580e+00	5.285e+02	1.351e+03	4.517e+01	1.405e+02
El: 59 - C.c: 7	7.868e+02	-7.798e+02	2.701e+00	-2.701e+00	-2.456e+01	2.156e+01	-6.075e+00	6.075e+00	8.010e+02	1.505e+03	8.934e+01	1.808e+02
El: 59 - C.c: 8	6.062e+02	-6.008e+02	-5.405e-01	-1.460e+00	-1.620e+01	1.620e+01	-8.242e+00	8.242e+00	5.166e+02	1.103e+03	-3.215e+01	7.810e+01
El: 59 - C.c: 9	6.069e+02	-6.015e+02	1.472e+00	-1.472e+00	-1.368e+01	1.568e+01	2.259e+00	-2.259e+00	4.205e+02	1.047e+03	3.701e+01	1.102e+02
El: 59 - C.c: 10	6.054e+02	-5.999e+02	2.035e+00	-2.035e+00	-1.852e+01	1.652e+01	-4.178e+00	4.178e+00	6.022e+02	1.150e+03	6.646e+01	1.370e+02
El: 59 - C.c: 11	6.062e+02	-6.008e+02	-5.405e-01	-1.460e+00	-1.620e+01	1.620e+01	-8.242e+00	8.242e+00	5.166e+02	1.103e+03	-3.215e+01	7.810e+01
El: 59 - C.c: 12	6.069e+02	-6.015e+02	1.472e+00	-1.472e+00	-1.368e+01	1.568e+01	2.259e+00	-2.259e+00	4.205e+02	1.047e+03	3.701e+01	1.102e+02
El: 59 - C.c: 13	6.054e+02	-5.999e+02	2.035e+00	-2.035e+00	-1.852e+01	1.652e+01	-4.178e+00	4.178e+00	6.022e+02	1.150e+03	6.646e+01	1.370e+02
El: 60 - C.c: 1	3.889e+02	-3.818e+02	9.256e+00	-6.256e+00	-6.047e+01	6.047e+01	5.114e+00	-5.114e+00	2.725e+03	3.323e+03	3.625e+02	4.132e+02
El: 60 - C.c: 2	2.992e+02	-2.937e+02	7.109e+00	-5.109e+00	-4.651e+01	4.651e+01	3.030e+00	-3.030e+00	2.095e+03	2.556e+03	2.853e+02	3.257e+02
El: 60 - C.c: 3	2.993e+02	-2.938e+02	7.052e+00	-6.652e+00	-4.647e+01	4.647e+01	-1.671e+00	1.671e+00	2.093e+03	2.554e+03	3.186e+02	3.665e+02
El: 60 - C.c: 4	2.993e+02	-2.938e+02	7.038e+00	-7.038e+00	-4.646e+01	4.646e+01	-2.846e+00	2.846e+00	2.093e+03	2.553e+03	3.270e+02	3.768e+02
El: 60 - C.c: 5	3.892e+02	-3.821e+02	9.041e+00	-1.204e+01	-6.032e+01	6.032e+01	-1.251e+01	1.251e+01	2.716e+03	3.315e+03	4.877e+02	5.664e+02
El: 60 - C.c: 6	3.906e+02	-3.836e+02	9.361e+00	-9.361e+00	-6.032e+01	6.332e+01	5.963e-01	-5.963e-01	2.787e+03	3.395e+03	4.388e+02	4.973e+02
El: 60 - C.c: 7	3.875e+02	-3.804e+02	8.936e+00	-8.936e+00	-6.047e+01	5.747e+01	-7.996e+00	7.996e+00	2.654e+03	3.243e+03	4.113e+02	4.823e+02
El: 60 - C.c: 8	2.994e+02	-2.939e+02	6.966e+00	-8.966e+00	-4.641e+01	4.641e+01	-8.721e+00	8.721e+00	2.090e+03	2.551e+03	3.687e+02	4.279e+02
El: 60 - C.c: 9	3.003e+02	-2.949e+02	7.179e+00	-7.179e+00	-4.641e+01	4.841e+01	1.807e-02	-1.807e-02	2.137e+03	2.604e+03	3.362e+02	3.818e+02
El: 60 - C.c: 10	2.982e+02	-2.928e+02	6.896e+00	-6.896e+00	-4.651e+01	4.451e+01	-5.710e+00	5.710e+00	2.048e+03	2.503e+03	3.178e+02	3.718e+02
El: 60 - C.c: 11	2.994e+02	-2.939e+02	6.966e+00	-8.966e+00	-4.641e+01	4.641e+01	-8.721e+00	8.721e+00	2.090e+03	2.551e+03	3.687e+02	4.279e+02
El: 60 - C.c: 12	3.003e+02	-2.949e+02	7.179e+00	-7.179e+00	-4.641e+01	4.841e+01	1.807e-02	-1.807e-02	2.137e+03	2.604e+03	3.362e+02	3.818e+02
El: 60 - C.c: 13	2.982e+02	-2.928e+02	6.896e+00	-6.896e+00	-4.651e+01	4.451e+01	-5.710e+00	5.710e+00	2.048e+03	2.503e+03	3.178e+02	3.718e+02
El: 61 - C.c: 1	7.421e+02	-7.350e+02	2.614e+01	-2.314e+01	1.458e+00	-1.458e+00	8.954e+00	-8.954e+00	-5.259e+01	-9.326e+01	9.029e+02	1.561e+03
El: 61 - C.c: 2	5.699e+02	-5.645e+02	1.961e+01	-1.761e+01	1.212e+00	-1.212e+00	6.043e+00	-6.043e+00	-4.591e+01	-7.527e+01	6.734e+02	1.188e+03
El: 61 - C.c: 3	5.651e+02	-5.597e+02	1.701e+01	-1.661e+01	1.679e+00	-1.679e+00	1.647e+00	-1.647e+00	-7.429e+01	-9.363e+01	5.633e+02	1.118e+03
El: 61 - C.c: 4	5.639e+02	-5.585e+02	1.636e+01	-1.636e+01	1.796e+00	-1.796e+00	5.482e-01	-5.482e-01	-8.138e+01	-9.822e+01	5.358e+02	1.101e+03
El: 61 - C.c: 5	7.242e+02	-7.171e+02	1.640e+01	-1.940e+01	3.211e+00	-3.211e+00	-7.529e+00	7.529e+00	-1.590e+02	-1.621e+02	4.903e+02	1.300e+03
El: 61 - C.c: 6	7.371e+02	-7.300e+02	2.110e+01	-2.110e+01	5.891e+00	-2.891e+00	2.355e+00	-2.355e+00	-2.380e+02	-2.011e+02	6.847e+02	1.426e+03

COMUNE DI PRAIANO c_g976 0007193 Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 Ingresso 09/09/2024 12:39

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 7 61 - C.c:	7.292e+02	-7.221e+02	2.144e+01	-2.144e+01	-1.222e+00	-1.778e+00	-9.292e-01	9.292e-01	2.644e+01	-5.424e+01	7.085e+02	1.436e+03
El: 8 61 - C.c:	5.580e+02	-5.525e+02	1.312e+01	-1.512e+01	2.380e+00	-2.380e+00	-4.946e+00	4.946e+00	-1.168e+02	-1.212e+02	3.983e+02	1.014e+03
El: 9 61 - C.c:	5.666e+02	-5.611e+02	1.625e+01	-1.625e+01	4.167e+00	-2.167e+00	1.643e+00	-1.643e+00	-1.695e+02	-1.472e+02	5.279e+02	1.097e+03
El: 10 61 - C.c:	5.613e+02	-5.559e+02	1.648e+01	-1.648e+01	-5.752e-01	-1.425e+00	-5.464e-01	5.464e-01	6.773e+00	-4.925e+01	5.438e+02	1.104e+03
El: 11 61 - C.c:	5.580e+02	-5.525e+02	1.312e+01	-1.512e+01	2.380e+00	-2.380e+00	-4.946e+00	4.946e+00	-1.168e+02	-1.212e+02	3.983e+02	1.014e+03
El: 12 61 - C.c:	5.666e+02	-5.611e+02	1.625e+01	-1.625e+01	4.167e+00	-2.167e+00	1.643e+00	-1.643e+00	-1.695e+02	-1.472e+02	5.279e+02	1.097e+03
El: 13 61 - C.c:	5.613e+02	-5.559e+02	1.648e+01	-1.648e+01	-5.752e-01	-1.425e+00	-5.464e-01	5.464e-01	6.773e+00	-4.925e+01	5.438e+02	1.104e+03
El: 1 62 - C.c:	3.311e+02	-3.240e+02	5.565e+01	-5.265e+01	3.179e+00	-3.179e+00	2.083e+01	-2.083e+01	-1.667e+02	-1.512e+02	2.538e+03	2.876e+03
El: 2 62 - C.c:	2.539e+02	-2.485e+02	4.279e+01	-4.079e+01	2.476e+00	-2.476e+00	1.507e+01	-1.507e+01	-1.290e+02	-1.186e+02	1.959e+03	2.220e+03
El: 3 62 - C.c:	2.499e+02	-2.444e+02	4.271e+01	-4.231e+01	2.637e+00	-2.637e+00	1.009e+01	-1.009e+01	-1.328e+02	-1.310e+02	1.992e+03	2.260e+03
El: 4 62 - C.c:	2.488e+02	-2.434e+02	4.270e+01	-4.270e+01	2.678e+00	-2.678e+00	8.849e+00	-8.849e+00	-1.337e+02	-1.341e+02	2.000e+03	2.270e+03
El: 5 62 - C.c:	3.159e+02	-3.088e+02	5.536e+01	-5.836e+01	3.784e+00	-3.784e+00	2.175e+00	-2.175e+00	-1.810e+02	-1.974e+02	2.661e+03	3.026e+03
El: 6 62 - C.c:	3.278e+02	-3.207e+02	5.525e+01	-5.525e+01	3.640e+00	-6.396e-01	1.144e+01	-1.144e+01	-1.199e+02	-9.410e+01	2.591e+03	2.934e+03
El: 7 62 - C.c:	3.192e+02	-3.122e+02	5.576e+01	-5.576e+01	3.323e+00	-6.323e+00	1.157e+01	-1.157e+01	-2.278e+02	-2.545e+02	2.608e+03	2.968e+03
El: 8 62 - C.c:	2.438e+02	-2.384e+02	4.260e+01	-4.460e+01	2.879e+00	-2.879e+00	2.630e+00	-2.630e+00	-1.385e+02	-1.495e+02	2.040e+03	2.320e+03
El: 9 62 - C.c:	2.517e+02	-2.463e+02	4.253e+01	-4.253e+01	2.783e+00	-7.834e-01	8.806e+00	-8.806e+00	-9.774e+01	-8.061e+01	1.994e+03	2.259e+03
El: 10 62 - C.c:	2.460e+02	-2.406e+02	4.287e+01	-4.287e+01	2.572e+00	-4.572e+00	8.892e+00	-8.892e+00	-1.697e+02	-1.875e+02	2.006e+03	2.281e+03
El: 11 62 - C.c:	2.438e+02	-2.384e+02	4.260e+01	-4.460e+01	2.879e+00	-2.879e+00	2.630e+00	-2.630e+00	-1.385e+02	-1.495e+02	2.040e+03	2.320e+03
El: 12 62 - C.c:	2.517e+02	-2.463e+02	4.253e+01	-4.253e+01	2.783e+00	-7.834e-01	8.806e+00	-8.806e+00	-9.774e+01	-8.061e+01	1.994e+03	2.259e+03
El: 13 62 - C.c:	2.460e+02	-2.406e+02	4.287e+01	-4.287e+01	2.572e+00	-4.572e+00	8.892e+00	-8.892e+00	-1.697e+02	-1.875e+02	2.006e+03	2.281e+03
El: 1 63 - C.c:	5.091e+02	-5.021e+02	1.761e+01	-1.461e+01	-9.859e+00	9.859e+00	5.900e+00	-5.900e+00	3.302e+02	6.556e+02	6.326e+02	9.785e+02
El: 2 63 - C.c:	3.904e+02	-3.849e+02	1.306e+01	-1.106e+01	-7.502e+00	7.502e+00	4.219e+00	-4.219e+00	2.486e+02	5.017e+02	4.655e+02	7.406e+02
El: 3 63 - C.c:	3.837e+02	-3.783e+02	1.053e+01	-1.013e+01	-7.081e+00	7.081e+00	2.557e+00	-2.557e+00	2.202e+02	4.879e+02	3.557e+02	6.774e+02
El: 4 63 - C.c:	3.821e+02	-3.766e+02	9.899e+00	-9.899e+00	-6.975e+00	6.975e+00	2.141e+00	-2.141e+00	2.131e+02	4.845e+02	3.283e+02	6.616e+02
El: 5 63 - C.c:	4.842e+02	-4.772e+02	8.125e+00	-1.113e+01	-8.277e+00	8.277e+00	-3.325e-01	3.325e-01	2.238e+02	6.040e+02	2.209e+02	7.416e+02
El: 6 63 - C.c:	4.990e+02	-4.919e+02	1.217e+01	-1.217e+01	-5.181e+00	8.181e+00	5.056e+00	-5.056e+00	1.216e+02	5.465e+02	3.823e+02	8.345e+02
El: 7 63 - C.c:	4.944e+02	-4.874e+02	1.357e+01	-1.357e+01	-1.296e+01	9.955e+00	5.122e-01	-5.122e-01	4.324e+02	7.131e+02	4.712e+02	8.856e+02
El: 8 63 - C.c:	3.738e+02	-3.683e+02	6.736e+00	-8.736e+00	-6.448e+00	6.448e+00	6.385e-02	-6.385e-02	1.776e+02	4.672e+02	1.910e+02	5.826e+02
El: 9 63 - C.c:	3.836e+02	-3.781e+02	9.432e+00	-9.432e+00	-4.384e+00	6.384e+00	3.656e+00	-3.656e+00	1.095e+02	4.289e+02	2.986e+02	6.446e+02
El: 10 63 - C.c:	3.806e+02	-3.751e+02	1.037e+01	-1.037e+01	-9.567e+00	7.567e+00	6.270e-01	-6.270e-01	3.167e+02	5.400e+02	3.579e+02	6.786e+02
El: 11 63 - C.c:	3.738e+02	-3.683e+02	6.736e+00	-8.736e+00	-6.448e+00	6.448e+00	6.385e-02	-6.385e-02	1.776e+02	4.672e+02	1.910e+02	5.826e+02
El: 12 63 - C.c:	3.836e+02	-3.781e+02	9.432e+00	-9.432e+00	-4.384e+00	6.384e+00	3.656e+00	-3.656e+00	1.095e+02	4.289e+02	2.986e+02	6.446e+02
El: 13 63 - C.c:	3.806e+02	-3.751e+02	1.037e+01	-1.037e+01	-9.567e+00	7.567e+00	6.270e-01	-6.270e-01	3.167e+02	5.400e+02	3.579e+02	6.786e+02
El: 1 64 - C.c:	8.220e+02	-8.149e+02	1.289e+01	-9.894e+00	-2.266e+01	2.266e+01	2.997e+00	-2.997e+00	7.766e+02	1.489e+03	5.056e+02	6.339e+02
El: 2 64 - C.c:	6.310e+02	-6.256e+02	9.377e+00	-7.377e+00	-1.730e+01	1.730e+01	2.765e+00	-2.765e+00	5.901e+02	1.140e+03	3.658e+02	4.719e+02
El: 3 64 - C.c:	6.243e+02	-6.189e+02	6.561e+00	-6.161e+00	-1.661e+01	1.661e+01	5.159e+00	-5.159e+00	5.523e+02	1.109e+03	2.455e+02	3.906e+02
El: 4 64 - C.c:	6.227e+02	-6.172e+02	5.857e+00	-5.857e+00	-1.644e+01	1.644e+01	5.758e+00	-5.758e+00	5.429e+02	1.101e+03	2.154e+02	3.703e+02
El: 5 64 - C.c:	7.969e+02	-7.899e+02	2.334e+00	-5.334e+00	-2.009e+01	2.009e+01	1.197e+01	-1.197e+01	6.349e+02	1.375e+03	5.448e+01	3.290e+02
El: 6 64 - C.c:	8.115e+02	-8.044e+02	6.707e+00	-6.707e+00	-1.718e+01	2.018e+01	1.294e+01	-1.294e+01	5.406e+02	1.328e+03	2.291e+02	4.417e+02
El: 64 - C.c:	8.074e+02	-8.004e+02	8.521e+00	-8.521e+00	-2.557e+01	2.257e+01	2.032e+00	-2.032e+00	8.709e+02	1.536e+03	3.310e+02	5.212e+02

COMUNE DI PRAIANO c_g976 0007103 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 64 - C.c: 7	6.143e+02	-6.089e+02	2.337e+00	-4.337e+00	-1.559e+01	1.559e+01	8.751e+00	-8.751e+00	4.956e+02	1.063e+03	6.504e+01	2.687e+02
El: 64 - C.c: 8	6.240e+02	-6.186e+02	5.252e+00	-5.252e+00	-1.365e+01	1.565e+01	9.393e+00	-9.393e+00	4.328e+02	1.032e+03	1.814e+02	3.438e+02
El: 64 - C.c: 9	6.213e+02	-6.159e+02	6.462e+00	-6.462e+00	-1.924e+01	1.724e+01	2.123e+00	-2.123e+00	6.530e+02	1.171e+03	2.494e+02	3.968e+02
El: 64 - C.c: 10	6.143e+02	-6.089e+02	2.337e+00	-4.337e+00	-1.559e+01	1.559e+01	8.751e+00	-8.751e+00	4.956e+02	1.063e+03	6.504e+01	2.687e+02
El: 64 - C.c: 11	6.240e+02	-6.186e+02	5.252e+00	-5.252e+00	-1.365e+01	1.565e+01	9.393e+00	-9.393e+00	4.328e+02	1.032e+03	1.814e+02	3.438e+02
El: 64 - C.c: 12	6.213e+02	-6.159e+02	6.462e+00	-6.462e+00	-1.924e+01	1.724e+01	2.123e+00	-2.123e+00	6.530e+02	1.171e+03	2.494e+02	3.968e+02
El: 64 - C.c: 13	2.992e+02	-2.922e+02	3.768e+01	-3.468e+01	-2.551e+01	2.551e+01	2.096e+01	-2.096e+01	1.177e+03	1.374e+03	1.657e+03	1.962e+03
El: 65 - C.c: 1	2.291e+02	-2.237e+02	2.887e+01	-2.687e+01	-1.952e+01	1.952e+01	1.568e+01	-1.568e+01	9.005e+02	1.052e+03	1.275e+03	1.511e+03
El: 65 - C.c: 2	2.237e+02	-2.183e+02	2.823e+01	-2.783e+01	-1.899e+01	1.899e+01	1.338e+01	-1.338e+01	8.758e+02	1.023e+03	1.280e+03	1.524e+03
El: 65 - C.c: 3	2.223e+02	-2.169e+02	2.807e+01	-2.807e+01	-1.885e+01	1.885e+01	1.280e+01	-1.280e+01	8.696e+02	1.016e+03	1.281e+03	1.527e+03
El: 65 - C.c: 4	2.788e+02	-2.717e+02	3.531e+01	-3.831e+01	-2.351e+01	2.351e+01	1.233e+01	-1.233e+01	1.084e+03	1.267e+03	1.673e+03	2.008e+03
El: 65 - C.c: 5	2.927e+02	-2.857e+02	3.568e+01	-3.568e+01	-2.382e+01	2.682e+01	2.093e+01	-2.093e+01	1.161e+03	1.371e+03	1.625e+03	1.942e+03
El: 65 - C.c: 6	2.853e+02	-2.783e+02	3.732e+01	-3.732e+01	-2.520e+01	2.220e+01	1.236e+01	-1.236e+01	1.100e+03	1.270e+03	1.704e+03	2.028e+03
El: 65 - C.c: 7	2.155e+02	-2.101e+02	2.728e+01	-2.928e+01	-1.819e+01	1.819e+01	9.926e+00	-9.926e+00	8.388e+02	9.799e+02	1.286e+03	1.542e+03
El: 65 - C.c: 8	2.248e+02	-2.194e+02	2.753e+01	-2.753e+01	-1.840e+01	2.040e+01	1.566e+01	-1.566e+01	8.902e+02	1.049e+03	1.254e+03	1.498e+03
El: 65 - C.c: 9	2.199e+02	-2.144e+02	2.862e+01	-2.862e+01	-1.931e+01	1.731e+01	9.946e+00	-9.946e+00	8.491e+02	9.820e+02	1.307e+03	1.555e+03
El: 65 - C.c: 10	2.155e+02	-2.101e+02	2.728e+01	-2.928e+01	-1.819e+01	1.819e+01	9.926e+00	-9.926e+00	8.388e+02	9.799e+02	1.286e+03	1.542e+03
El: 65 - C.c: 11	2.248e+02	-2.194e+02	2.753e+01	-2.753e+01	-1.840e+01	2.040e+01	1.566e+01	-1.566e+01	8.902e+02	1.049e+03	1.254e+03	1.498e+03
El: 65 - C.c: 12	2.199e+02	-2.144e+02	2.862e+01	-2.862e+01	-1.931e+01	1.731e+01	9.946e+00	-9.946e+00	8.491e+02	9.820e+02	1.307e+03	1.555e+03
El: 65 - C.c: 13	4.151e+02	-4.081e+02	2.049e+01	-1.749e+01	-5.059e+01	5.059e+01	1.042e+01	-1.042e+01	2.375e+03	2.683e+03	8.479e+02	1.052e+03
El: 66 - C.c: 1	3.182e+02	-3.127e+02	1.580e+01	-1.380e+01	-3.893e+01	3.893e+01	8.032e+00	-8.032e+00	1.829e+03	2.064e+03	6.615e+02	8.188e+02
El: 66 - C.c: 2	3.122e+02	-3.068e+02	1.600e+01	-1.560e+01	-3.905e+01	3.905e+01	8.096e+00	-8.096e+00	1.838e+03	2.066e+03	7.099e+02	8.703e+02
El: 66 - C.c: 3	3.107e+02	-3.053e+02	1.605e+01	-1.605e+01	-3.907e+01	3.907e+01	8.112e+00	-8.112e+00	1.841e+03	2.067e+03	7.220e+02	8.831e+02
El: 66 - C.c: 4	3.927e+02	-3.857e+02	2.124e+01	-2.424e+01	-5.100e+01	5.100e+01	1.067e+01	-1.067e+01	2.410e+03	2.690e+03	1.029e+03	1.245e+03
El: 66 - C.c: 5	4.069e+02	-3.999e+02	2.095e+01	-2.095e+01	-5.093e+01	5.393e+01	1.718e+01	-1.718e+01	2.462e+03	2.781e+03	9.480e+02	1.147e+03
El: 66 - C.c: 6	4.009e+02	-3.938e+02	2.078e+01	-2.078e+01	-5.066e+01	4.766e+01	3.910e+00	-3.910e+00	2.324e+03	2.592e+03	9.291e+02	1.149e+03
El: 66 - C.c: 7	3.032e+02	-2.978e+02	1.630e+01	-1.830e+01	-3.921e+01	3.921e+01	8.193e+00	-8.193e+00	1.852e+03	2.069e+03	7.824e+02	9.475e+02
El: 66 - C.c: 8	3.127e+02	-3.073e+02	1.611e+01	-1.611e+01	-3.917e+01	4.117e+01	1.254e+01	-1.254e+01	1.887e+03	2.130e+03	7.283e+02	8.823e+02
El: 66 - C.c: 9	3.087e+02	-3.033e+02	1.600e+01	-1.600e+01	-3.898e+01	3.698e+01	3.688e+00	-3.688e+00	1.795e+03	2.004e+03	7.157e+02	8.840e+02
El: 66 - C.c: 10	3.032e+02	-2.978e+02	1.630e+01	-1.830e+01	-3.921e+01	3.921e+01	8.193e+00	-8.193e+00	1.852e+03	2.069e+03	7.824e+02	9.475e+02
El: 66 - C.c: 11	3.127e+02	-3.073e+02	1.611e+01	-1.611e+01	-3.917e+01	4.117e+01	1.254e+01	-1.254e+01	1.887e+03	2.130e+03	7.283e+02	8.823e+02
El: 66 - C.c: 12	3.087e+02	-3.033e+02	1.600e+01	-1.600e+01	-3.898e+01	3.698e+01	3.688e+00	-3.688e+00	1.795e+03	2.004e+03	7.157e+02	8.840e+02
El: 66 - C.c: 13	2.011e+02	-1.940e+02	-3.407e+01	3.707e+01	2.695e+01	-2.695e+01	-1.459e+00	1.459e+00	-1.201e+03	-1.494e+03	-1.589e+03	-1.967e+03
El: 67 - C.c: 1	1.547e+02	-1.493e+02	-2.640e+01	2.840e+01	2.077e+01	-2.077e+01	-1.398e+00	1.398e+00	-9.255e+02	-1.151e+03	-1.225e+03	-1.515e+03
El: 67 - C.c: 2	1.549e+02	-1.495e+02	-2.741e+01	2.781e+01	2.096e+01	-2.096e+01	-2.832e+00	2.832e+00	-9.329e+02	-1.163e+03	-1.237e+03	-1.524e+03
El: 67 - C.c: 3	1.550e+02	-1.496e+02	-2.766e+01	2.766e+01	2.100e+01	-2.100e+01	-3.190e+00	3.190e+00	-9.347e+02	-1.166e+03	-1.240e+03	-1.526e+03
El: 67 - C.c: 4	2.019e+02	-1.948e+02	-3.786e+01	3.486e+01	2.766e+01	-2.766e+01	-6.836e+00	6.836e+00	-1.229e+03	-1.537e+03	-1.635e+03	-2.001e+03
El: 67 - C.c: 5	2.017e+02	-1.947e+02	-3.618e+01	3.618e+01	2.909e+01	-2.609e+01	1.978e+00	-1.978e+00	-1.234e+03	-1.525e+03	-1.620e+03	-1.998e+03
El: 67 - C.c: 6	2.012e+02	-1.942e+02	-3.575e+01	3.575e+01	2.552e+01	-2.852e+01	-1.027e+01	1.027e+01	-1.196e+03	-1.506e+03	-1.604e+03	-1.971e+03
El: 67 - C.c: 7												

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 8 67 - C.c:	1.553e+02	-1.498e+02	-2.893e+01	2.693e+01	2.124e+01	-2.124e+01	-4.983e+00	4.983e+00	-9.440e+02	-1.180e+03	-1.255e+03	-1.538e+03
El: 9 67 - C.c:	1.552e+02	-1.497e+02	-2.781e+01	2.781e+01	2.219e+01	-2.019e+01	8.933e-01	-8.933e-01	-9.472e+02	-1.172e+03	-1.245e+03	-1.535e+03
El: 10 67 - C.c:	1.548e+02	-1.494e+02	-2.752e+01	2.752e+01	1.981e+01	-2.181e+01	-7.274e+00	7.274e+00	-9.222e+02	-1.159e+03	-1.235e+03	-1.517e+03
El: 11 67 - C.c:	1.553e+02	-1.498e+02	-2.893e+01	2.693e+01	2.124e+01	-2.124e+01	-4.983e+00	4.983e+00	-9.440e+02	-1.180e+03	-1.255e+03	-1.538e+03
El: 12 67 - C.c:	1.552e+02	-1.497e+02	-2.781e+01	2.781e+01	2.219e+01	-2.019e+01	8.933e-01	-8.933e-01	-9.472e+02	-1.172e+03	-1.245e+03	-1.535e+03
El: 13 67 - C.c:	1.548e+02	-1.494e+02	-2.752e+01	2.752e+01	1.981e+01	-2.181e+01	-7.274e+00	7.274e+00	-9.222e+02	-1.159e+03	-1.235e+03	-1.517e+03
El: 1 68 - C.c:	4.363e+02	-4.292e+02	-4.417e+01	4.717e+01	-1.190e+01	1.190e+01	-3.958e+00	3.958e+00	5.441e+02	6.464e+02	-2.096e+03	-2.471e+03
El: 2 68 - C.c:	3.356e+02	-3.301e+02	-3.400e+01	3.600e+01	-9.262e+00	9.262e+00	-2.983e+00	2.983e+00	4.244e+02	5.018e+02	-1.606e+03	-1.894e+03
El: 3 68 - C.c:	3.353e+02	-3.298e+02	-3.411e+01	3.451e+01	-9.803e+00	9.803e+00	-2.664e+00	2.664e+00	4.547e+02	5.256e+02	-1.574e+03	-1.858e+03
El: 4 68 - C.c:	3.352e+02	-3.297e+02	-3.414e+01	3.414e+01	-9.938e+00	9.938e+00	-2.585e+00	2.585e+00	4.623e+02	5.315e+02	-1.565e+03	-1.849e+03
El: 5 68 - C.c:	4.352e+02	-4.281e+02	-4.459e+01	4.159e+01	-1.393e+01	1.393e+01	-2.762e+00	2.762e+00	6.580e+02	7.355e+02	-1.973e+03	-2.336e+03
El: 6 68 - C.c:	4.354e+02	-4.283e+02	-4.357e+01	4.357e+01	-1.175e+01	1.475e+01	4.675e+00	-4.675e+00	6.080e+02	7.174e+02	-1.989e+03	-2.368e+03
El: 7 68 - C.c:	4.361e+02	-4.290e+02	-4.519e+01	4.519e+01	-1.409e+01	1.109e+01	-1.139e+01	1.139e+01	5.940e+02	6.645e+02	-2.080e+03	-2.439e+03
El: 8 68 - C.c:	3.348e+02	-3.294e+02	-3.428e+01	3.228e+01	-1.061e+01	1.061e+01	-2.186e+00	2.186e+00	5.003e+02	5.612e+02	-1.524e+03	-1.804e+03
El: 9 68 - C.c:	3.350e+02	-3.295e+02	-3.360e+01	3.360e+01	-9.161e+00	1.116e+01	2.772e+00	-2.772e+00	4.670e+02	5.491e+02	-1.535e+03	-1.825e+03
El: 10 68 - C.c:	3.354e+02	-3.300e+02	-3.468e+01	3.468e+01	-1.072e+01	8.715e+00	-7.941e+00	7.941e+00	4.577e+02	5.139e+02	-1.596e+03	-1.872e+03
El: 11 68 - C.c:	3.348e+02	-3.294e+02	-3.428e+01	3.228e+01	-1.061e+01	1.061e+01	-2.186e+00	2.186e+00	5.003e+02	5.612e+02	-1.524e+03	-1.804e+03
El: 12 68 - C.c:	3.350e+02	-3.295e+02	-3.360e+01	3.360e+01	-9.161e+00	1.116e+01	2.772e+00	-2.772e+00	4.670e+02	5.491e+02	-1.535e+03	-1.825e+03
El: 13 68 - C.c:	3.354e+02	-3.300e+02	-3.468e+01	3.468e+01	-1.072e+01	8.715e+00	-7.941e+00	7.941e+00	4.577e+02	5.139e+02	-1.596e+03	-1.872e+03
El: 1 69 - C.c:	4.081e+02	-4.011e+02	-8.034e+00	1.103e+01	9.617e+00	-9.617e+00	5.362e+00	-5.362e+00	-3.248e+02	-6.369e+02	-2.099e+02	-7.435e+02
El: 2 69 - C.c:	3.142e+02	-3.088e+02	-6.690e+00	8.690e+00	7.443e+00	-7.443e+00	3.873e+00	-3.873e+00	-2.529e+02	-4.914e+02	-1.842e+02	-5.848e+02
El: 3 69 - C.c:	3.157e+02	-3.102e+02	-9.346e+00	9.746e+00	7.679e+00	-7.679e+00	2.563e+00	-2.563e+00	-2.687e+02	-4.993e+02	-3.026e+02	-6.520e+02
El: 4 69 - C.c:	3.160e+02	-3.106e+02	-1.001e+01	1.001e+01	7.739e+00	-7.739e+00	2.235e+00	-2.235e+00	-2.726e+02	-5.012e+02	-3.322e+02	-6.688e+02
El: 5 69 - C.c:	4.135e+02	-4.064e+02	-1.799e+01	1.499e+01	1.050e+01	-1.050e+01	4.495e-01	-4.495e-01	-3.841e+02	-6.663e+02	-6.539e+02	-9.953e+02
El: 6 69 - C.c:	4.125e+02	-4.054e+02	-1.329e+01	1.329e+01	1.446e+01	-1.146e+01	4.803e+00	-4.803e+00	-5.448e+02	-7.512e+02	-4.501e+02	-8.790e+02
El: 7 69 - C.c:	4.091e+02	-4.020e+02	-1.274e+01	1.274e+01	5.661e+00	-8.661e+00	1.009e+00	-1.009e+00	-1.641e+02	-5.520e+02	-4.138e+02	-8.598e+02
El: 8 69 - C.c:	3.178e+02	-3.124e+02	-1.333e+01	1.133e+01	8.034e+00	-8.034e+00	5.977e-01	-5.977e-01	-2.924e+02	-5.110e+02	-4.803e+02	-7.527e+02
El: 9 69 - C.c:	3.171e+02	-3.117e+02	-1.020e+01	1.020e+01	1.067e+01	-8.672e+00	3.500e+00	-3.500e+00	-3.995e+02	-5.676e+02	-3.443e+02	-6.752e+02
El: 10 69 - C.c:	3.149e+02	-3.094e+02	-9.825e+00	9.825e+00	4.806e+00	-6.806e+00	9.705e-01	-9.705e-01	-1.457e+02	-4.348e+02	-3.202e+02	-6.623e+02
El: 11 69 - C.c:	3.178e+02	-3.124e+02	-1.333e+01	1.133e+01	8.034e+00	-8.034e+00	5.977e-01	-5.977e-01	-2.924e+02	-5.110e+02	-4.803e+02	-7.527e+02
El: 12 69 - C.c:	3.171e+02	-3.117e+02	-1.020e+01	1.020e+01	1.067e+01	-8.672e+00	3.500e+00	-3.500e+00	-3.995e+02	-5.676e+02	-3.443e+02	-6.752e+02
El: 13 69 - C.c:	3.149e+02	-3.094e+02	-9.825e+00	9.825e+00	4.806e+00	-6.806e+00	9.705e-01	-9.705e-01	-1.457e+02	-4.348e+02	-3.202e+02	-6.623e+02
El: 1 70 - C.c:	8.624e+02	-8.553e+02	-1.074e+01	1.374e+01	-5.910e+00	5.910e+00	-8.681e+00	8.681e+00	2.127e+02	3.783e+02	-2.707e+02	-9.535e+02
El: 2 70 - C.c:	6.635e+02	-6.581e+02	-8.838e+00	1.084e+01	-4.455e+00	4.455e+00	-6.699e+00	6.699e+00	1.589e+02	2.866e+02	-2.333e+02	-7.505e+02
El: 3 70 - C.c:	6.641e+02	-6.586e+02	-1.183e+01	1.223e+01	-3.981e+00	3.981e+00	-6.812e+00	6.812e+00	1.344e+02	2.638e+02	-3.639e+02	-8.390e+02
El: 4 70 - C.c:	6.642e+02	-6.588e+02	-1.258e+01	1.258e+01	-3.863e+00	3.863e+00	-6.840e+00	6.840e+00	1.283e+02	2.580e+02	-3.965e+02	-8.611e+02
El: 5 70 - C.c:	8.645e+02	-8.575e+02	-2.196e+01	1.896e+01	-4.134e+00	4.134e+00	-9.103e+00	9.103e+00	1.208e+02	2.926e+02	-7.603e+02	-1.285e+03
El: 6 70 - C.c:	8.631e+02	-8.560e+02	-1.683e+01	1.683e+01	-1.364e-01	3.136e+00	-3.700e-01	3.700e-01	-3.946e+01	2.031e+02	-5.398e+02	-1.143e+03
El: 7 70 - C.c:	8.639e+02	-8.568e+02	-1.587e+01	1.587e+01	-9.908e+00	6.908e+00	-1.741e+01	1.741e+01	3.729e+02	4.678e+02	-4.912e+02	-1.096e+03
El: 70 - C.c:	6.649e+02	-6.595e+02	-1.632e+01	1.432e+01	-3.271e+00	3.271e+00	-6.981e+00	6.981e+00	9.761e+01	2.295e+02	-5.598e+02	-9.718e+02

COMUNE DI PRAIANO cc_g976 0007103 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO cc_g976 0007619 - Ingresso 09/09/2024 12:39

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 8 70 - C.c:	6.639e+02	-6.585e+02	-1.289e+01	1.289e+01	-6.060e-01	2.606e+00	-1.159e+00	1.159e+00	-9.208e+00	1.698e+02	-4.128e+02	-8.767e+02
El: 9 70 - C.c:	6.645e+02	-6.590e+02	-1.226e+01	1.226e+01	-7.120e+00	5.120e+00	-1.252e+01	1.252e+01	2.657e+02	3.463e+02	-3.803e+02	-8.455e+02
El: 10 70 - C.c:	6.649e+02	-6.595e+02	-1.632e+01	1.432e+01	-3.271e+00	3.271e+00	-6.981e+00	6.981e+00	9.761e+01	2.295e+02	-5.598e+02	-9.718e+02
El: 11 70 - C.c:	6.639e+02	-6.585e+02	-1.289e+01	1.289e+01	-6.060e-01	2.606e+00	-1.159e+00	1.159e+00	-9.208e+00	1.698e+02	-4.128e+02	-8.767e+02
El: 12 70 - C.c:	6.645e+02	-6.590e+02	-1.226e+01	1.226e+01	-7.120e+00	5.120e+00	-1.252e+01	1.252e+01	2.657e+02	3.463e+02	-3.803e+02	-8.455e+02
El: 13 70 - C.c:	6.649e+02	-6.595e+02	-1.632e+01	1.432e+01	-3.271e+00	3.271e+00	-6.981e+00	6.981e+00	9.761e+01	2.295e+02	-5.598e+02	-9.718e+02
El: 1 71 - C.c:	2.238e+02	-2.168e+02	2.006e+01	-1.706e+01	3.750e+01	-3.750e+01	-1.886e+01	1.886e+01	-1.749e+03	-2.000e+03	8.323e+02	1.024e+03
El: 2 71 - C.c:	1.713e+02	-1.659e+02	1.541e+01	-1.341e+01	2.876e+01	-2.876e+01	-1.476e+01	1.476e+01	-1.341e+03	-1.534e+03	6.460e+02	7.955e+02
El: 3 71 - C.c:	1.666e+02	-1.612e+02	1.532e+01	-1.492e+01	2.830e+01	-2.830e+01	-1.611e+01	1.611e+01	-1.320e+03	-1.510e+03	6.757e+02	8.368e+02
El: 4 71 - C.c:	1.655e+02	-1.600e+02	1.530e+01	-1.530e+01	2.819e+01	-2.819e+01	-1.644e+01	1.644e+01	-1.314e+03	-1.504e+03	6.831e+02	8.471e+02
El: 5 71 - C.c:	2.064e+02	-1.993e+02	1.972e+01	-2.272e+01	3.579e+01	-3.579e+01	-2.390e+01	2.390e+01	-1.668e+03	-1.911e+03	9.437e+02	1.179e+03
El: 6 71 - C.c:	2.114e+02	-2.043e+02	2.064e+01	-2.064e+01	3.732e+01	-3.432e+01	-1.583e+01	1.583e+01	-1.677e+03	-1.904e+03	9.232e+02	1.141e+03
El: 7 71 - C.c:	2.189e+02	-2.118e+02	1.914e+01	-1.914e+01	3.597e+01	-3.897e+01	-2.693e+01	2.693e+01	-1.740e+03	-2.007e+03	8.529e+02	1.062e+03
El: 8 71 - C.c:	1.597e+02	-1.542e+02	1.519e+01	-1.719e+01	2.762e+01	-2.762e+01	-1.813e+01	1.813e+01	-1.287e+03	-1.475e+03	7.202e+02	8.987e+02
El: 9 71 - C.c:	1.630e+02	-1.576e+02	1.580e+01	-1.580e+01	2.864e+01	-2.664e+01	-1.275e+01	1.275e+01	-1.293e+03	-1.470e+03	7.065e+02	8.736e+02
El: 10 71 - C.c:	1.680e+02	-1.625e+02	1.480e+01	-1.480e+01	2.774e+01	-2.974e+01	-2.014e+01	2.014e+01	-1.335e+03	-1.539e+03	6.597e+02	8.206e+02
El: 11 71 - C.c:	1.597e+02	-1.542e+02	1.519e+01	-1.719e+01	2.762e+01	-2.762e+01	-1.813e+01	1.813e+01	-1.287e+03	-1.475e+03	7.202e+02	8.987e+02
El: 12 71 - C.c:	1.630e+02	-1.576e+02	1.580e+01	-1.580e+01	2.864e+01	-2.664e+01	-1.275e+01	1.275e+01	-1.293e+03	-1.470e+03	7.065e+02	8.736e+02
El: 13 71 - C.c:	1.680e+02	-1.625e+02	1.480e+01	-1.480e+01	2.774e+01	-2.974e+01	-2.014e+01	2.014e+01	-1.335e+03	-1.539e+03	6.597e+02	8.206e+02
El: 1 72 - C.c:	1.694e+02	-1.624e+02	2.163e+01	-1.863e+01	3.699e+01	-3.699e+01	-3.988e+00	3.988e+00	-1.747e+03	-1.951e+03	9.164e+02	1.097e+03
El: 2 72 - C.c:	1.325e+02	-1.271e+02	1.664e+01	-1.464e+01	2.843e+01	-2.843e+01	-3.456e+00	3.456e+00	-1.343e+03	-1.500e+03	7.120e+02	8.522e+02
El: 3 72 - C.c:	1.440e+02	-1.386e+02	1.665e+01	-1.625e+01	2.832e+01	-2.832e+01	-5.472e+00	5.472e+00	-1.337e+03	-1.495e+03	7.487e+02	8.964e+02
El: 4 72 - C.c:	1.469e+02	-1.415e+02	1.665e+01	-1.665e+01	2.829e+01	-2.829e+01	-5.976e+00	5.976e+00	-1.335e+03	-1.494e+03	7.579e+02	9.075e+02
El: 5 72 - C.c:	2.126e+02	-2.055e+02	2.167e+01	-2.467e+01	3.657e+01	-3.657e+01	-1.155e+01	1.155e+01	-1.724e+03	-1.933e+03	1.054e+03	1.263e+03
El: 6 72 - C.c:	2.113e+02	-2.043e+02	2.187e+01	-2.187e+01	3.661e+01	-3.361e+01	7.449e-03	-7.449e-03	-1.663e+03	-1.849e+03	9.961e+02	1.191e+03
El: 7 72 - C.c:	1.706e+02	-1.636e+02	2.143e+01	-2.143e+01	3.694e+01	-3.994e+01	-1.555e+01	1.555e+01	-1.808e+03	-2.036e+03	9.745e+02	1.169e+03
El: 8 72 - C.c:	1.613e+02	-1.559e+02	1.667e+01	-1.867e+01	2.815e+01	-2.815e+01	-8.497e+00	8.497e+00	-1.327e+03	-1.488e+03	8.039e+02	9.628e+02
El: 9 72 - C.c:	1.605e+02	-1.551e+02	1.680e+01	-1.680e+01	2.818e+01	-2.618e+01	-7.919e-01	7.919e-01	-1.287e+03	-1.432e+03	7.651e+02	9.149e+02
El: 10 72 - C.c:	1.334e+02	-1.279e+02	1.651e+01	-1.651e+01	2.840e+01	-3.040e+01	-1.116e+01	1.116e+01	-1.383e+03	-1.557e+03	7.507e+02	9.001e+02
El: 11 72 - C.c:	1.613e+02	-1.559e+02	1.667e+01	-1.867e+01	2.815e+01	-2.815e+01	-8.497e+00	8.497e+00	-1.327e+03	-1.488e+03	8.039e+02	9.628e+02
El: 12 72 - C.c:	1.605e+02	-1.551e+02	1.680e+01	-1.680e+01	2.818e+01	-2.618e+01	-7.919e-01	7.919e-01	-1.287e+03	-1.432e+03	7.651e+02	9.149e+02
El: 13 72 - C.c:	1.334e+02	-1.279e+02	1.651e+01	-1.651e+01	2.840e+01	-3.040e+01	-1.116e+01	1.116e+01	-1.383e+03	-1.557e+03	7.507e+02	9.001e+02
El: 1 73 - C.c:	3.823e+02	-3.752e+02	1.450e+01	-1.150e+01	1.339e+01	-1.339e+01	7.978e-01	-7.978e-01	-4.245e+02	-9.147e+02	5.442e+02	7.558e+02
El: 2 73 - C.c:	2.963e+02	-2.908e+02	1.079e+01	-8.793e+00	1.035e+01	-1.035e+01	1.182e+00	-1.182e+00	-3.294e+02	-7.061e+02	4.055e+02	5.738e+02
El: 3 73 - C.c:	3.076e+02	-3.022e+02	8.915e+00	-8.515e+00	1.063e+01	-1.063e+01	4.136e+00	-4.136e+00	-3.441e+02	-7.190e+02	3.370e+02	5.346e+02
El: 4 73 - C.c:	3.104e+02	-3.050e+02	8.446e+00	-8.446e+00	1.070e+01	-1.070e+01	4.874e+00	-4.874e+00	-3.477e+02	-7.222e+02	3.198e+02	5.248e+02
El: 5 73 - C.c:	4.248e+02	-4.178e+02	7.459e+00	-1.046e+01	1.443e+01	-1.443e+01	1.188e+01	-1.188e+01	-4.796e+02	-9.630e+02	2.873e+02	6.086e+02
El: 6 73 - C.c:	4.241e+02	-4.170e+02	1.079e+01	-1.079e+01	1.767e+01	-1.467e+01	1.365e+01	-1.365e+01	-5.940e+02	-1.023e+03	4.075e+02	6.715e+02
El: 7 73 - C.c:	3.831e+02	-3.760e+02	1.117e+01	-1.117e+01	1.015e+01	-1.315e+01	-9.739e-01	9.739e-01	-3.101e+02	-8.549e+02	4.241e+02	6.928e+02
El: 8 73 - C.c:	3.246e+02	-3.192e+02	6.099e+00	-8.099e+00	1.104e+01	-1.104e+01	8.567e+00	-8.567e+00	-3.661e+02	-7.383e+02	2.342e+02	4.757e+02

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 9 73 - C.c:	3.241e+02	-3.187e+02	8.320e+00	-8.320e+00	1.321e+01	-1.121e+01	9.748e+00	-9.748e+00	-4.424e+02	-7.782e+02	3.143e+02	5.177e+02
El: 10 73 - C.c:	2.968e+02	-2.913e+02	8.572e+00	-8.572e+00	8.193e+00	-1.019e+01	6.108e-04	-6.108e-04	-2.531e+02	-6.662e+02	3.254e+02	5.319e+02
El: 11 73 - C.c:	3.246e+02	-3.192e+02	6.099e+00	-8.099e+00	1.104e+01	-1.104e+01	8.567e+00	-8.567e+00	-3.661e+02	-7.383e+02	2.342e+02	4.757e+02
El: 12 73 - C.c:	3.241e+02	-3.187e+02	8.320e+00	-8.320e+00	1.321e+01	-1.121e+01	9.748e+00	-9.748e+00	-4.424e+02	-7.782e+02	3.143e+02	5.177e+02
El: 13 73 - C.c:	2.968e+02	-2.913e+02	8.572e+00	-8.572e+00	8.193e+00	-1.019e+01	6.108e-04	-6.108e-04	-2.531e+02	-6.662e+02	3.254e+02	5.319e+02
El: 1 74 - C.c:	4.344e+02	-4.273e+02	1.383e+01	-1.083e+01	1.335e+01	-1.335e+01	-1.452e+01	1.452e+01	-4.321e+02	-9.029e+02	5.282e+02	7.048e+02
El: 2 74 - C.c:	3.332e+02	-3.278e+02	1.025e+01	-8.253e+00	1.030e+01	-1.030e+01	-1.126e+01	1.126e+01	-3.331e+02	-6.965e+02	3.915e+02	5.338e+02
El: 3 74 - C.c:	3.283e+02	-3.229e+02	8.248e+00	-7.848e+00	1.044e+01	-1.044e+01	-1.172e+01	1.172e+01	-3.370e+02	-7.067e+02	3.144e+02	4.904e+02
El: 4 74 - C.c:	3.271e+02	-3.217e+02	7.746e+00	-7.746e+00	1.047e+01	-1.047e+01	-1.184e+01	1.184e+01	-3.380e+02	-7.093e+02	2.951e+02	4.795e+02
El: 5 74 - C.c:	4.162e+02	-4.091e+02	6.310e+00	-9.310e+00	1.388e+01	-1.388e+01	-1.626e+01	1.626e+01	-4.466e+02	-9.413e+02	2.391e+02	5.419e+02
El: 6 74 - C.c:	4.230e+02	-4.159e+02	1.016e+01	-1.016e+01	1.789e+01	-1.489e+01	-4.799e+00	4.799e+00	-6.166e+02	-1.022e+03	3.970e+02	6.186e+02
El: 7 74 - C.c:	4.276e+02	-4.205e+02	9.984e+00	-9.984e+00	9.341e+00	-1.234e+01	-2.598e+01	2.598e+01	-2.621e+02	-8.220e+02	3.704e+02	6.281e+02
El: 8 74 - C.c:	3.211e+02	-3.156e+02	5.240e+00	-7.240e+00	1.065e+01	-1.065e+01	-1.242e+01	1.242e+01	-3.428e+02	-7.221e+02	1.988e+02	4.252e+02
El: 9 74 - C.c:	3.256e+02	-3.202e+02	7.803e+00	-7.803e+00	1.332e+01	-1.132e+01	-4.778e+00	4.778e+00	-4.561e+02	-7.761e+02	3.040e+02	4.763e+02
El: 10 74 - C.c:	3.287e+02	-3.232e+02	7.689e+00	-7.689e+00	7.624e+00	-9.624e+00	-1.890e+01	1.890e+01	-2.198e+02	-6.426e+02	2.863e+02	4.826e+02
El: 11 74 - C.c:	3.211e+02	-3.156e+02	5.240e+00	-7.240e+00	1.065e+01	-1.065e+01	-1.242e+01	1.242e+01	-3.428e+02	-7.221e+02	1.988e+02	4.252e+02
El: 12 74 - C.c:	3.256e+02	-3.202e+02	7.803e+00	-7.803e+00	1.332e+01	-1.132e+01	-4.778e+00	4.778e+00	-4.561e+02	-7.761e+02	3.040e+02	4.763e+02
El: 13 74 - C.c:	3.287e+02	-3.232e+02	7.689e+00	-7.689e+00	7.624e+00	-9.624e+00	-1.890e+01	1.890e+01	-2.198e+02	-6.426e+02	2.863e+02	4.826e+02
El: 1 75 - C.c:	4.521e+02	-4.451e+02	8.240e+00	-5.240e+00	5.821e+00	-5.821e+00	-2.052e+01	2.052e+01	3.801e+00	-5.859e+02	2.148e+02	4.592e+02
El: 2 75 - C.c:	3.469e+02	-3.415e+02	5.787e+00	-3.787e+00	4.266e+00	-4.266e+00	-1.552e+01	1.552e+01	1.589e+01	-4.425e+02	1.409e+02	3.377e+02
El: 3 75 - C.c:	3.423e+02	-3.368e+02	2.917e+00	-2.517e+00	3.165e+00	-3.165e+00	-1.417e+01	1.417e+01	8.334e+01	-3.999e+02	1.457e+01	2.572e+02
El: 4 75 - C.c:	3.411e+02	-3.357e+02	2.200e+00	-2.200e+00	2.890e+00	-2.890e+00	-1.383e+01	1.383e+01	1.002e+02	-3.892e+02	-1.702e+01	2.370e+02
El: 5 75 - C.c:	4.347e+02	-4.277e+02	-2.520e+00	-4.798e-01	1.693e+00	-1.693e+00	-1.544e+01	1.544e+01	2.567e+02	-4.260e+02	-2.590e+02	1.570e+02
El: 6 75 - C.c:	4.413e+02	-4.343e+02	4.763e+00	-4.763e+00	1.076e+01	-7.760e+00	-1.025e+01	1.025e+01	-2.062e+02	-7.198e+02	9.853e+01	3.778e+02
El: 7 75 - C.c:	4.455e+02	-4.385e+02	9.570e-01	-9.570e-01	-3.246e+00	2.461e-01	-2.570e+01	2.570e+01	4.667e+02	-2.921e+02	-1.428e+02	2.385e+02
El: 8 75 - C.c:	3.353e+02	-3.299e+02	-1.387e+00	-6.132e-01	1.514e+00	-1.514e+00	-1.214e+01	1.214e+01	1.845e+02	-3.359e+02	-1.750e+02	1.363e+02
El: 9 75 - C.c:	3.397e+02	-3.343e+02	3.469e+00	-3.469e+00	7.559e+00	-5.559e+00	-8.678e+00	8.678e+00	-1.241e+02	-5.317e+02	6.342e+01	2.834e+02
El: 10 75 - C.c:	3.425e+02	-3.371e+02	9.314e-01	-9.314e-01	-1.779e+00	-2.213e-01	-1.898e+01	1.898e+01	3.245e+02	-2.466e+02	-9.745e+01	1.906e+02
El: 11 75 - C.c:	3.353e+02	-3.299e+02	-1.387e+00	-6.132e-01	1.514e+00	-1.514e+00	-1.214e+01	1.214e+01	1.845e+02	-3.359e+02	-1.750e+02	1.363e+02
El: 12 75 - C.c:	3.397e+02	-3.343e+02	3.469e+00	-3.469e+00	7.559e+00	-5.559e+00	-8.678e+00	8.678e+00	-1.241e+02	-5.317e+02	6.342e+01	2.834e+02
El: 13 75 - C.c:	3.425e+02	-3.371e+02	9.314e-01	-9.314e-01	-1.779e+00	-2.213e-01	-1.898e+01	1.898e+01	3.245e+02	-2.466e+02	-9.745e+01	1.906e+02
El: 1 76 - C.c:	4.542e+02	-4.472e+02	7.143e+00	-4.143e+00	4.126e+00	-4.126e+00	-2.035e+00	2.035e+00	1.008e+02	-5.135e+02	1.506e+02	4.137e+02
El: 2 76 - C.c:	3.486e+02	-3.431e+02	4.940e+00	-2.940e+00	2.957e+00	-2.957e+00	-5.221e-01	5.221e-01	9.078e+01	-3.865e+02	9.142e+01	3.026e+02
El: 3 76 - C.c:	3.443e+02	-3.388e+02	2.058e+00	-1.658e+00	1.827e+00	-1.827e+00	4.902e+00	-4.902e+00	1.596e+02	-3.423e+02	-3.557e+01	2.213e+02
El: 4 76 - C.c:	3.432e+02	-3.378e+02	1.337e+00	-1.337e+00	1.545e+00	-1.545e+00	6.259e+00	-6.259e+00	1.768e+02	-3.313e+02	-6.732e+01	2.010e+02
El: 5 76 - C.c:	4.381e+02	-4.310e+02	-3.667e+00	6.668e-01	-1.100e-01	1.100e-01	1.831e+01	-1.831e+01	3.589e+02	-3.479e+02	-3.256e+02	1.089e+02
El: 6 76 - C.c:	4.427e+02	-4.357e+02	3.580e+00	-3.580e+00	8.914e+00	-5.914e+00	6.087e+00	-6.087e+00	-9.969e+01	-6.417e+02	2.834e+01	3.296e+02
El: 7 76 - C.c:	4.496e+02	-4.425e+02	-1.035e-01	1.035e-01	-4.898e+00	1.898e+00	1.019e+01	-1.019e+01	5.594e+02	-2.196e+02	-2.034e+02	1.930e+02
El: 8 76 - C.c:	3.378e+02	-3.324e+02	-2.266e+00	2.663e-01	1.327e-01	-1.327e-01	1.304e+01	-1.304e+01	2.628e+02	-2.761e+02	-2.261e+02	9.943e+01
El: 76 - C.c:	3.409e+02	-3.355e+02	2.565e+00	-2.565e+00	6.149e+00	-4.149e+00	4.893e+00	-4.893e+00	-4.289e+01	-4.720e+02	9.918e+00	2.466e+02

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 9												
El: 10	76 - C.c: 3.455e+02	-3.400e+02	1.093e-01	-1.093e-01	-3.059e+00	1.059e+00	7.625e+00	-7.625e+00	3.965e+02	-1.906e+02	-1.446e+02	1.555e+02
El: 11	76 - C.c: 3.378e+02	-3.324e+02	-2.266e+00	2.663e-01	1.327e-01	-1.327e-01	1.304e+01	-1.304e+01	2.628e+02	-2.761e+02	-2.261e+02	9.943e+01
El: 12	76 - C.c: 3.409e+02	-3.355e+02	2.565e+00	-2.565e+00	6.149e+00	-4.149e+00	4.893e+00	-4.893e+00	-4.289e+01	-4.720e+02	9.918e+00	2.466e+02
El: 13	76 - C.c: 3.455e+02	-3.400e+02	1.093e-01	-1.093e-01	-3.059e+00	1.059e+00	7.625e+00	-7.625e+00	3.965e+02	-1.906e+02	-1.446e+02	1.555e+02
El: 1	77 - C.c: 2.295e+02	-2.224e+02	2.505e+01	-2.205e+01	4.441e+01	-4.441e+01	-1.768e+01	1.768e+01	-2.164e+03	-2.277e+03	1.111e+03	1.244e+03
El: 2	77 - C.c: 1.757e+02	-1.703e+02	1.928e+01	-1.728e+01	3.413e+01	-3.413e+01	-1.326e+01	1.326e+01	-1.665e+03	-1.748e+03	8.630e+02	9.651e+02
El: 3	77 - C.c: 1.716e+02	-1.661e+02	1.936e+01	-1.896e+01	3.401e+01	-3.401e+01	-1.147e+01	1.147e+01	-1.669e+03	-1.732e+03	9.078e+02	1.008e+03
El: 4	77 - C.c: 1.705e+02	-1.651e+02	1.937e+01	-1.937e+01	3.397e+01	-3.397e+01	-1.102e+01	1.102e+01	-1.670e+03	-1.727e+03	9.190e+02	1.018e+03
El: 5	77 - C.c: 2.140e+02	-2.069e+02	2.533e+01	-2.833e+01	4.393e+01	-4.393e+01	-1.097e+01	1.097e+01	-2.178e+03	-2.214e+03	1.279e+03	1.404e+03
El: 6	77 - C.c: 2.183e+02	-2.112e+02	2.539e+01	-2.539e+01	4.421e+01	-4.121e+01	-1.592e+01	1.592e+01	-2.084e+03	-2.187e+03	1.186e+03	1.353e+03
El: 7	77 - C.c: 2.251e+02	-2.181e+02	2.498e+01	-2.498e+01	4.412e+01	-4.712e+01	-1.273e+01	1.273e+01	-2.258e+03	-2.304e+03	1.203e+03	1.295e+03
El: 8	77 - C.c: 1.654e+02	-1.600e+02	1.947e+01	-2.147e+01	3.381e+01	-3.381e+01	-8.780e+00	8.780e+00	-1.675e+03	-1.707e+03	9.750e+02	1.072e+03
El: 9	77 - C.c: 1.683e+02	-1.628e+02	1.951e+01	-1.951e+01	3.400e+01	-3.200e+01	-1.208e+01	1.208e+01	-1.612e+03	-1.688e+03	9.135e+02	1.038e+03
El: 10	77 - C.c: 1.728e+02	-1.674e+02	1.924e+01	-1.924e+01	3.394e+01	-3.594e+01	-9.954e+00	9.954e+00	-1.728e+03	-1.766e+03	9.245e+02	9.993e+02
El: 11	77 - C.c: 1.654e+02	-1.600e+02	1.947e+01	-2.147e+01	3.381e+01	-3.381e+01	-8.780e+00	8.780e+00	-1.675e+03	-1.707e+03	9.750e+02	1.072e+03
El: 12	77 - C.c: 1.683e+02	-1.628e+02	1.951e+01	-1.951e+01	3.400e+01	-3.200e+01	-1.208e+01	1.208e+01	-1.612e+03	-1.688e+03	9.135e+02	1.038e+03
El: 13	77 - C.c: 1.728e+02	-1.674e+02	1.924e+01	-1.924e+01	3.394e+01	-3.594e+01	-9.954e+00	9.954e+00	-1.728e+03	-1.766e+03	9.245e+02	9.993e+02
El: 1	78 - C.c: 2.313e+02	-2.243e+02	2.567e+01	-2.267e+01	4.491e+01	-4.491e+01	-2.199e+01	2.199e+01	-2.206e+03	-2.285e+03	1.151e+03	1.266e+03
El: 2	78 - C.c: 1.772e+02	-1.718e+02	1.978e+01	-1.778e+01	3.453e+01	-3.453e+01	-1.631e+01	1.631e+01	-1.699e+03	-1.755e+03	8.949e+02	9.827e+02
El: 3	78 - C.c: 1.733e+02	-1.679e+02	1.992e+01	-1.952e+01	3.446e+01	-3.446e+01	-1.317e+01	1.317e+01	-1.707e+03	-1.739e+03	9.437e+02	1.028e+03
El: 4	78 - C.c: 1.723e+02	-1.669e+02	1.995e+01	-1.995e+01	3.444e+01	-3.444e+01	-1.238e+01	1.238e+01	-1.709e+03	-1.735e+03	9.559e+02	1.039e+03
El: 5	78 - C.c: 2.167e+02	-2.097e+02	2.620e+01	-2.920e+01	4.463e+01	-4.463e+01	-1.021e+01	1.021e+01	-2.237e+03	-2.226e+03	1.334e+03	1.436e+03
El: 6	78 - C.c: 2.197e+02	-2.127e+02	2.603e+01	-2.603e+01	4.456e+01	-4.156e+01	-2.248e+01	2.248e+01	-2.119e+03	-2.187e+03	1.226e+03	1.376e+03
El: 7	78 - C.c: 2.284e+02	-2.213e+02	2.585e+01	-2.585e+01	4.498e+01	-4.798e+01	-9.709e+00	9.709e+00	-2.324e+03	-2.324e+03	1.259e+03	1.326e+03
El: 8	78 - C.c: 1.675e+02	-1.620e+02	2.013e+01	-2.213e+01	3.434e+01	-3.434e+01	-8.456e+00	8.456e+00	-1.719e+03	-1.715e+03	1.017e+03	1.096e+03
El: 9	78 - C.c: 1.695e+02	-1.640e+02	2.001e+01	-2.001e+01	3.430e+01	-3.230e+01	-1.664e+01	1.664e+01	-1.641e+03	-1.689e+03	9.449e+02	1.056e+03
El: 10	78 - C.c: 1.752e+02	-1.698e+02	1.990e+01	-1.990e+01	3.458e+01	-3.658e+01	-8.124e+00	8.124e+00	-1.777e+03	-1.781e+03	9.669e+02	1.023e+03
El: 11	78 - C.c: 1.675e+02	-1.620e+02	2.013e+01	-2.213e+01	3.434e+01	-3.434e+01	-8.456e+00	8.456e+00	-1.719e+03	-1.715e+03	1.017e+03	1.096e+03
El: 12	78 - C.c: 1.695e+02	-1.640e+02	2.001e+01	-2.001e+01	3.430e+01	-3.230e+01	-1.664e+01	1.664e+01	-1.641e+03	-1.689e+03	9.449e+02	1.056e+03
El: 13	78 - C.c: 1.752e+02	-1.698e+02	1.990e+01	-1.990e+01	3.458e+01	-3.658e+01	-8.124e+00	8.124e+00	-1.777e+03	-1.781e+03	9.669e+02	1.023e+03
El: 1	79 - C.c: 4.131e+02	-4.061e+02	-2.057e-16	3.000e+00	-5.608e-15	5.608e-15	-7.864e-16	7.864e-16	-1.909e-13	1.195e-12	3.370e-13	-1.500e+02
El: 2	79 - C.c: 3.180e+02	-3.125e+02	-4.828e-16	2.000e+00	-4.252e-15	4.252e-15	-6.092e-16	6.092e-16	-1.495e-13	9.187e-13	2.652e-13	-1.000e+02
El: 3	79 - C.c: 3.189e+02	-3.135e+02	-2.170e-15	4.000e-01	-3.932e-15	3.932e-15	-6.313e-16	6.313e-16	-1.634e-13	9.168e-13	2.965e-13	-2.000e+01
El: 4	79 - C.c: 3.191e+02	-3.137e+02	-2.592e-15	2.592e-15	-3.852e-15	3.852e-15	-6.368e-16	6.368e-16	-1.669e-13	9.163e-13	3.043e-13	-5.142e-13
El: 5	79 - C.c: 4.166e+02	-4.095e+02	-6.534e-15	-3.000e+00	-4.406e-15	4.406e-15	-8.692e-16	8.692e-16	-2.429e-13	1.188e-12	4.542e-13	1.500e+02
El: 6	79 - C.c: 4.133e+02	-4.062e+02	-3.337e-15	3.337e-15	-4.507e-15	3.000e+00	-7.597e-16	7.597e-16	-3.022e-13	1.500e+02	3.772e-13	-6.860e-13
El: 7	79 - C.c: 4.164e+02	-4.094e+02	-3.403e-15	3.403e-15	-5.507e-15	-3.000e+00	-8.959e-16	8.959e-16	-1.316e-13	-1.500e+02	4.140e-13	-6.508e-13
El: 8	79 - C.c: 3.203e+02	-3.149e+02	-4.702e-15	-2.000e+00	-3.451e-15	3.451e-15	-6.644e-16	6.644e-16	-1.842e-13	9.139e-13	3.434e-13	1.000e+02
El: 9	79 - C.c: 3.181e+02	-3.126e+02	-2.570e-15	2.570e-15	-3.519e-15	2.000e+00	-5.914e-16	5.914e-16	-2.237e-13	1.000e+02	2.921e-13	-5.259e-13

COMUNE DI PRAIANO c_g976 0007113 Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 Ingresso 09/09/2024 12:39

Fascicolo dei Calcoli
(Par. 10.1. Caratteristiche generali – D.M. Infrastrutture 17 gennaio 2018)

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 10 79 - C.c:	3.202e+02	-3.147e+02	-2.614e-15	2.614e-15	-4.185e-15	-2.000e+00	-6.822e-16	6.822e-16	-1.100e-13	-1.000e+02	3.166e-13	-5.024e-13
El: 11 79 - C.c:	3.203e+02	-3.149e+02	-4.702e-15	-2.000e+00	-3.451e-15	3.451e-15	-6.644e-16	6.644e-16	-1.842e-13	9.139e-13	3.434e-13	1.000e+02
El: 12 79 - C.c:	3.181e+02	-3.126e+02	-2.570e-15	2.570e-15	-3.519e-15	2.000e+00	-5.914e-16	5.914e-16	-2.237e-13	1.000e+02	2.921e-13	-5.259e-13
El: 13 79 - C.c:	3.202e+02	-3.147e+02	-2.614e-15	2.614e-15	-4.185e-15	-2.000e+00	-6.822e-16	6.822e-16	-1.100e-13	-1.000e+02	3.166e-13	-5.024e-13
El: 1 80 - C.c:	4.256e+02	-4.186e+02	-1.318e-15	3.000e+00	9.929e-15	-9.929e-15	1.373e-15	-1.373e-15	1.484e-12	-2.774e-12	-4.072e-13	-1.500e+02
El: 2 80 - C.c:	3.275e+02	-3.221e+02	-8.769e-16	2.000e+00	7.717e-15	-7.717e-15	1.018e-15	-1.018e-15	1.143e-12	-2.143e-12	-3.252e-13	-1.000e+02
El: 3 80 - C.c:	3.281e+02	-3.226e+02	-1.664e-16	4.000e-01	8.132e-15	-8.132e-15	8.195e-16	-8.195e-16	1.149e-12	-2.190e-12	-3.878e-13	-2.000e+01
El: 4 80 - C.c:	3.282e+02	-3.228e+02	1.128e-17	-1.128e-17	8.236e-15	-8.236e-15	7.698e-16	-7.698e-16	1.151e-12	-2.202e-12	-4.034e-13	1.131e-12
El: 5 80 - C.c:	4.277e+02	-4.206e+02	1.347e-15	-3.000e+00	1.149e-14	-1.149e-14	6.285e-16	-6.285e-16	1.509e-12	-2.951e-12	-6.417e-13	1.500e+02
El: 6 80 - C.c:	4.255e+02	-4.185e+02	-4.971e-16	4.971e-16	7.043e-15	3.000e+00	8.697e-16	-8.697e-16	1.363e-12	1.500e+02	-5.403e-13	1.411e-12
El: 7 80 - C.c:	4.278e+02	-4.207e+02	5.265e-16	-5.265e-16	1.437e-14	-3.000e+00	1.132e-15	-1.132e-15	1.629e-12	-1.500e+02	-5.086e-13	1.529e-12
El: 8 80 - C.c:	3.289e+02	-3.235e+02	8.995e-16	-2.000e+00	8.755e-15	-8.755e-15	5.217e-16	-5.217e-16	1.159e-12	-2.261e-12	-4.816e-13	1.000e+02
El: 9 80 - C.c:	3.275e+02	-3.220e+02	-3.299e-16	3.299e-16	5.794e-15	2.000e+00	6.825e-16	-6.825e-16	1.062e-12	1.000e+02	-4.140e-13	1.091e-12
El: 10 80 - C.c:	3.290e+02	-3.235e+02	3.525e-16	-3.525e-16	1.068e-14	-2.000e+00	8.572e-16	-8.572e-16	1.240e-12	-1.000e+02	-3.928e-13	1.170e-12
El: 11 80 - C.c:	3.289e+02	-3.235e+02	8.995e-16	-2.000e+00	8.755e-15	-8.755e-15	5.217e-16	-5.217e-16	1.159e-12	-2.261e-12	-4.816e-13	1.000e+02
El: 12 80 - C.c:	3.275e+02	-3.220e+02	-3.299e-16	3.299e-16	5.794e-15	2.000e+00	6.825e-16	-6.825e-16	1.062e-12	1.000e+02	-4.140e-13	1.091e-12
El: 13 80 - C.c:	3.290e+02	-3.235e+02	3.525e-16	-3.525e-16	1.068e-14	-2.000e+00	8.572e-16	-8.572e-16	1.240e-12	-1.000e+02	-3.928e-13	1.170e-12
El: 1 81 - C.c:	2.068e+02	-1.998e+02	-1.869e+01	2.169e+01	-4.521e+01	4.521e+01	-1.419e+00	1.419e+00	2.219e+03	2.302e+03	-9.687e+02	-1.050e+03
El: 2 81 - C.c:	1.591e+02	-1.537e+02	-1.459e+01	1.659e+01	-3.489e+01	3.489e+01	-1.043e+00	1.043e+00	1.714e+03	1.776e+03	-7.529e+02	-8.062e+02
El: 3 81 - C.c:	1.593e+02	-1.539e+02	-1.571e+01	1.611e+01	-3.548e+01	3.548e+01	-7.913e-01	7.913e-01	1.747e+03	1.800e+03	-7.934e+02	-7.980e+02
El: 4 81 - C.c:	1.593e+02	-1.539e+02	-1.599e+01	1.599e+01	-3.562e+01	3.562e+01	-7.283e-01	7.283e-01	1.756e+03	1.807e+03	-8.035e+02	-7.959e+02
El: 5 81 - C.c:	2.074e+02	-2.004e+02	-2.290e+01	1.990e+01	-4.740e+01	4.740e+01	-4.750e-01	4.750e-01	2.345e+03	2.395e+03	-1.120e+03	-1.019e+03
El: 6 81 - C.c:	2.066e+02	-1.995e+02	-1.990e+01	1.990e+01	-4.328e+01	4.628e+01	1.017e+00	-1.017e+00	2.155e+03	2.323e+03	-9.931e+02	-9.968e+02
El: 7 81 - C.c:	2.077e+02	-2.006e+02	-2.169e+01	2.169e+01	-4.933e+01	4.633e+01	-2.910e+00	2.910e+00	2.410e+03	2.374e+03	-1.096e+03	-1.073e+03
El: 8 81 - C.c:	1.595e+02	-1.541e+02	-1.740e+01	1.540e+01	-3.635e+01	3.635e+01	-4.138e-01	4.138e-01	1.798e+03	1.838e+03	-8.540e+02	-7.856e+02
El: 9 81 - C.c:	1.590e+02	-1.535e+02	-1.540e+01	1.540e+01	-3.360e+01	3.560e+01	5.806e-01	-5.806e-01	1.671e+03	1.790e+03	-7.692e+02	-7.706e+02
El: 10 81 - C.c:	1.597e+02	-1.543e+02	-1.659e+01	1.659e+01	-3.764e+01	3.564e+01	-2.037e+00	2.037e+00	1.841e+03	1.823e+03	-8.378e+02	-8.212e+02
El: 11 81 - C.c:	1.595e+02	-1.541e+02	-1.740e+01	1.540e+01	-3.635e+01	3.635e+01	-4.138e-01	4.138e-01	1.798e+03	1.838e+03	-8.540e+02	-7.856e+02
El: 12 81 - C.c:	1.590e+02	-1.535e+02	-1.540e+01	1.540e+01	-3.360e+01	3.560e+01	5.806e-01	-5.806e-01	1.671e+03	1.790e+03	-7.692e+02	-7.706e+02
El: 13 81 - C.c:	1.597e+02	-1.543e+02	-1.659e+01	1.659e+01	-3.764e+01	3.564e+01	-2.037e+00	2.037e+00	1.841e+03	1.823e+03	-8.378e+02	-8.212e+02
El: 1 82 - C.c:	2.142e+02	-2.071e+02	-2.212e+01	2.512e+01	-4.387e+01	4.387e+01	-5.250e+00	5.250e+00	2.174e+03	2.214e+03	-1.138e+03	-1.224e+03
El: 2 82 - C.c:	1.648e+02	-1.593e+02	-1.721e+01	1.921e+01	-3.386e+01	3.386e+01	-3.629e+00	3.629e+00	1.679e+03	1.707e+03	-8.812e+02	-9.395e+02
El: 3 82 - C.c:	1.648e+02	-1.594e+02	-1.820e+01	1.860e+01	-3.446e+01	3.446e+01	-1.501e+00	1.501e+00	1.716e+03	1.729e+03	-9.128e+02	-9.271e+02
El: 4 82 - C.c:	1.649e+02	-1.594e+02	-1.845e+01	1.845e+01	-3.461e+01	3.461e+01	-9.690e-01	9.690e-01	1.726e+03	1.735e+03	-9.207e+02	-9.240e+02
El: 5 82 - C.c:	2.145e+02	-2.074e+02	-2.584e+01	2.284e+01	-4.610e+01	4.610e+01	2.731e+00	-2.731e+00	2.313e+03	2.297e+03	-1.256e+03	-1.178e+03
El: 6 82 - C.c:	2.141e+02	-2.071e+02	-2.314e+01	2.314e+01	-4.229e+01	4.529e+01	-4.641e+00	4.641e+00	2.132e+03	2.247e+03	-1.142e+03	-1.172e+03
El: 7 82 - C.c:	2.145e+02	-2.074e+02	-2.482e+01	2.482e+01	-4.769e+01	4.469e+01	2.122e+00	-2.122e+00	2.355e+03	2.264e+03	-1.252e+03	-1.230e+03
El: 8 82 - C.c:	1.650e+02	-1.595e+02	-1.969e+01	1.769e+01	-3.535e+01	3.535e+01	1.691e+00	-1.691e+00	1.772e+03	1.763e+03	-9.602e+02	-9.085e+02
El: 9 82 - C.c:	1.647e+02	-1.593e+02	-1.789e+01	1.789e+01	-3.281e+01	3.481e+01	-3.223e+00	3.223e+00	1.651e+03	1.729e+03	-8.843e+02	-9.046e+02
El: 82 - C.c:	1.650e+02	-1.596e+02	-1.900e+01	1.900e+01	-3.641e+01	3.441e+01	1.285e+00	-1.285e+00	1.800e+03	1.741e+03	-9.572e+02	-9.433e+02

COMUNE DI PRAIANO c_g976 0007103 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Fascicolo dei Calcoli
(Par. 10.1. Caratteristiche generali – D.M. Infrastrutture 17 gennaio 2018)

Elem./C.c.		Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
10													
El: 11	82 - C.c:	1.650e+02	-1.595e+02	-1.969e+01	1.769e+01	-3.535e+01	3.535e+01	1.691e+00	-1.691e+00	1.772e+03	1.763e+03	-9.602e+02	-9.085e+02
El: 12	82 - C.c:	1.647e+02	-1.593e+02	-1.789e+01	1.789e+01	-3.281e+01	3.481e+01	-3.223e+00	3.223e+00	1.651e+03	1.729e+03	-8.843e+02	-9.046e+02
El: 13	82 - C.c:	1.650e+02	-1.596e+02	-1.900e+01	1.900e+01	-3.641e+01	3.441e+01	1.285e+00	-1.285e+00	1.800e+03	1.741e+03	-9.572e+02	-9.433e+02
El: 1	83 - C.c:	4.236e+02	-4.166e+02	7.340e+00	-4.340e+00	6.921e+00	-6.921e+00	1.260e+00	-1.260e+00	-4.166e+01	-6.504e+02	1.913e+02	3.926e+02
El: 2	83 - C.c:	3.260e+02	-3.206e+02	5.205e+00	-3.205e+00	5.267e+00	-5.267e+00	2.353e+00	-2.353e+00	-2.865e+01	-4.981e+02	1.296e+02	2.908e+02
El: 3	83 - C.c:	3.266e+02	-3.212e+02	2.911e+00	-2.511e+00	4.973e+00	-4.973e+00	9.548e+00	-9.548e+00	-1.099e+01	-4.863e+02	3.831e+01	2.328e+02
El: 4	83 - C.c:	3.268e+02	-3.214e+02	2.337e+00	-2.337e+00	4.900e+00	-4.900e+00	1.135e+01	-1.135e+01	-6.571e+00	-4.834e+02	1.549e+01	2.183e+02
El: 5	83 - C.c:	4.261e+02	-4.190e+02	-1.262e+00	-1.738e+00	5.818e+00	-5.818e+00	2.824e+01	-2.824e+01	2.458e+01	-6.064e+02	-1.511e+02	1.748e+02
El: 6	83 - C.c:	4.214e+02	-4.144e+02	3.770e+00	-3.770e+00	1.141e+01	-8.408e+00	1.395e+01	-1.395e+01	-2.230e+02	-7.678e+02	6.254e+01	3.145e+02
El: 7	83 - C.c:	4.283e+02	-4.212e+02	2.307e+00	-2.307e+00	1.331e+00	-4.331e+00	1.556e+01	-1.556e+01	2.059e+02	-4.890e+02	-2.227e+01	2.530e+02
El: 8	83 - C.c:	3.276e+02	-3.222e+02	-5.299e-01	-1.470e+00	4.532e+00	-4.532e+00	2.034e+01	-2.034e+01	1.551e+01	-4.687e+02	-9.865e+01	1.457e+02
El: 9	83 - C.c:	3.245e+02	-3.191e+02	2.825e+00	-2.825e+00	8.258e+00	-6.258e+00	1.081e+01	-1.081e+01	-1.496e+02	-5.763e+02	4.376e+01	2.387e+02
El: 10	83 - C.c:	3.291e+02	-3.237e+02	1.850e+00	-1.850e+00	1.541e+00	-3.541e+00	1.188e+01	-1.188e+01	1.364e+02	-3.905e+02	-1.278e+01	1.978e+02
El: 11	83 - C.c:	3.276e+02	-3.222e+02	-5.299e-01	-1.470e+00	4.532e+00	-4.532e+00	2.034e+01	-2.034e+01	1.551e+01	-4.687e+02	-9.865e+01	1.457e+02
El: 12	83 - C.c:	3.245e+02	-3.191e+02	2.825e+00	-2.825e+00	8.258e+00	-6.258e+00	1.081e+01	-1.081e+01	-1.496e+02	-5.763e+02	4.376e+01	2.387e+02
El: 13	83 - C.c:	3.291e+02	-3.237e+02	1.850e+00	-1.850e+00	1.541e+00	-3.541e+00	1.188e+01	-1.188e+01	1.364e+02	-3.905e+02	-1.278e+01	1.978e+02
El: 1	84 - C.c:	2.079e+02	-2.009e+02	2.195e+01	-1.895e+01	4.883e+01	-4.883e+01	-8.084e+00	8.084e+00	-2.344e+03	-2.539e+03	9.762e+02	1.069e+03
El: 2	84 - C.c:	1.600e+02	-1.546e+02	1.691e+01	-1.491e+01	3.765e+01	-3.765e+01	-5.601e+00	5.601e+00	-1.808e+03	-1.956e+03	7.606e+02	8.306e+02
El: 3	84 - C.c:	1.602e+02	-1.548e+02	1.705e+01	-1.665e+01	3.808e+01	-3.808e+01	-2.391e+00	2.391e+00	-1.836e+03	-1.972e+03	8.112e+02	8.738e+02
El: 4	84 - C.c:	1.603e+02	-1.549e+02	1.708e+01	-1.708e+01	3.819e+01	-3.819e+01	-1.589e+00	1.589e+00	-1.843e+03	-1.976e+03	8.238e+02	8.846e+02
El: 5	84 - C.c:	2.089e+02	-2.018e+02	2.247e+01	-2.547e+01	5.047e+01	-5.047e+01	3.952e+00	-3.952e+00	-2.448e+03	-2.599e+03	1.166e+03	1.231e+03
El: 6	84 - C.c:	2.063e+02	-1.992e+02	2.137e+01	-2.137e+01	4.814e+01	-4.514e+01	-5.401e+00	5.401e+00	-2.230e+03	-2.434e+03	1.016e+03	1.122e+03
El: 7	84 - C.c:	2.105e+02	-2.035e+02	2.304e+01	-2.304e+01	5.116e+01	-5.416e+01	1.270e+00	-1.270e+00	-2.561e+03	-2.704e+03	1.126e+03	1.178e+03
El: 8	84 - C.c:	1.606e+02	-1.552e+02	1.725e+01	-1.925e+01	3.874e+01	-3.874e+01	2.423e+00	-2.423e+00	-1.877e+03	-1.996e+03	8.870e+02	9.385e+02
El: 9	84 - C.c:	1.589e+02	-1.534e+02	1.653e+01	-1.653e+01	3.719e+01	-3.519e+01	-3.813e+00	3.813e+00	-1.732e+03	-1.886e+03	7.870e+02	8.657e+02
El: 10	84 - C.c:	1.617e+02	-1.563e+02	1.764e+01	-1.764e+01	3.920e+01	-4.120e+01	6.345e-01	-6.345e-01	-1.953e+03	-2.066e+03	8.606e+02	9.034e+02
El: 11	84 - C.c:	1.606e+02	-1.552e+02	1.725e+01	-1.925e+01	3.874e+01	-3.874e+01	2.423e+00	-2.423e+00	-1.877e+03	-1.996e+03	8.870e+02	9.385e+02
El: 12	84 - C.c:	1.589e+02	-1.534e+02	1.653e+01	-1.653e+01	3.719e+01	-3.519e+01	-3.813e+00	3.813e+00	-1.732e+03	-1.886e+03	7.870e+02	8.657e+02
El: 13	84 - C.c:	1.617e+02	-1.563e+02	1.764e+01	-1.764e+01	3.920e+01	-4.120e+01	6.345e-01	-6.345e-01	-1.953e+03	-2.066e+03	8.606e+02	9.034e+02
El: 1	85 - C.c:	2.229e+02	-2.158e+02	-2.103e+01	2.403e+01	-4.012e+01	4.012e+01	-1.021e+01	1.021e+01	2.062e+03	1.950e+03	-1.121e+03	-1.132e+03
El: 2	85 - C.c:	1.721e+02	-1.667e+02	-1.633e+01	1.833e+01	-3.081e+01	3.081e+01	-7.360e+00	7.360e+00	1.584e+03	1.497e+03	-8.675e+02	-8.652e+02
El: 3	85 - C.c:	1.755e+02	-1.700e+02	-1.710e+01	1.750e+01	-3.055e+01	3.055e+01	-4.782e+00	4.782e+00	1.575e+03	1.479e+03	-8.932e+02	-8.369e+02
El: 4	85 - C.c:	1.763e+02	-1.709e+02	-1.729e+01	1.729e+01	-3.048e+01	3.048e+01	-4.137e+00	4.137e+00	1.573e+03	1.475e+03	-8.996e+02	-8.299e+02
El: 5	85 - C.c:	2.355e+02	-2.285e+02	-2.394e+01	2.094e+01	-3.913e+01	3.913e+01	-5.439e-01	5.439e-01	2.028e+03	1.885e+03	-1.218e+03	-1.026e+03
El: 6	85 - C.c:	2.148e+02	-2.077e+02	-2.302e+01	2.302e+01	-3.907e+01	4.207e+01	-7.754e+00	7.754e+00	2.035e+03	2.022e+03	-1.190e+03	-1.112e+03
El: 7	85 - C.c:	2.437e+02	-2.366e+02	-2.194e+01	2.194e+01	-4.018e+01	3.718e+01	-3.003e+00	3.003e+00	2.055e+03	1.813e+03	-1.149e+03	-1.045e+03
El: 8	85 - C.c:	1.805e+02	-1.751e+02	-1.826e+01	1.626e+01	-3.015e+01	3.015e+01	-9.142e-01	9.142e-01	1.562e+03	1.453e+03	-9.318e+02	-7.945e+02
El: 9	85 - C.c:	1.667e+02	-1.612e+02	-1.765e+01	1.765e+01	-3.011e+01	3.211e+01	-5.721e+00	5.721e+00	1.566e+03	1.545e+03	-9.134e+02	-8.521e+02
El: 10	85 - C.c:	1.859e+02	-1.805e+02	-1.693e+01	1.693e+01	-3.085e+01	2.885e+01	-2.553e+00	2.553e+00	1.580e+03	1.405e+03	-8.859e+02	-8.076e+02

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 11 85 - C.c:	1.805e+02	-1.751e+02	-1.826e+01	1.626e+01	-3.015e+01	3.015e+01	-9.142e-01	9.142e-01	1.562e+03	1.453e+03	-9.318e+02	-7.945e+02
El: 12 85 - C.c:	1.667e+02	-1.612e+02	-1.765e+01	1.765e+01	-3.011e+01	3.211e+01	-5.721e+00	5.721e+00	1.566e+03	1.545e+03	-9.134e+02	-8.521e+02
El: 13 85 - C.c:	1.859e+02	-1.805e+02	-1.693e+01	1.693e+01	-3.085e+01	2.885e+01	-2.553e+00	2.553e+00	1.580e+03	1.405e+03	-8.859e+02	-8.076e+02
El: 1 86 - C.c:	4.273e+02	-4.202e+02	7.661e-15	3.000e+00	2.906e-14	-2.906e-14	-1.005e-15	1.005e-15	-6.007e-14	-1.227e-12	2.504e-14	-1.500e+02
El: 2 86 - C.c:	3.292e+02	-3.237e+02	6.508e-15	2.000e+00	2.240e-14	-2.240e-14	-4.576e-16	4.576e-16	-4.621e-14	-9.453e-13	4.508e-15	-1.000e+02
El: 3 86 - C.c:	3.318e+02	-3.264e+02	9.705e-15	4.000e-01	2.262e-14	-2.262e-14	1.183e-15	-1.183e-15	-4.623e-14	-9.530e-13	-7.223e-14	-2.000e+01
El: 4 86 - C.c:	3.325e+02	-3.271e+02	1.050e-14	-1.050e-14	2.267e-14	-2.267e-14	1.593e-15	-1.593e-15	-4.623e-14	-9.550e-13	-9.142e-14	3.145e-13
El: 5 86 - C.c:	4.372e+02	-4.302e+02	1.965e-14	-3.000e+00	2.989e-14	-2.989e-14	5.147e-15	-5.147e-15	-6.014e-14	-1.256e-12	-2.627e-13	1.500e+02
El: 6 86 - C.c:	4.187e+02	-4.117e+02	1.314e-14	-1.314e-14	3.047e-14	3.000e+00	1.914e-15	-1.914e-15	-2.360e-13	1.500e+02	-1.020e-13	3.980e-13
El: 7 86 - C.c:	4.458e+02	-4.387e+02	1.417e-14	-1.417e-14	2.847e-14	-3.000e+00	2.228e-15	-2.228e-15	1.158e-13	-1.500e+02	-1.357e-13	4.197e-13
El: 8 86 - C.c:	3.358e+02	-3.304e+02	1.450e-14	-2.000e+00	2.295e-14	-2.295e-14	3.644e-15	-3.644e-15	-4.626e-14	-9.647e-13	-1.873e-13	1.000e+02
El: 9 86 - C.c:	3.235e+02	-3.180e+02	1.016e-14	-1.016e-14	2.334e-14	2.000e+00	1.489e-15	-1.489e-15	-1.635e-13	1.000e+02	-8.017e-14	3.073e-13
El: 10 86 - C.c:	3.415e+02	-3.361e+02	1.085e-14	-1.085e-14	2.200e-14	-2.000e+00	1.698e-15	-1.698e-15	7.101e-14	-1.000e+02	-1.027e-13	3.218e-13
El: 11 86 - C.c:	3.358e+02	-3.304e+02	1.450e-14	-2.000e+00	2.295e-14	-2.295e-14	3.644e-15	-3.644e-15	-4.626e-14	-9.647e-13	-1.873e-13	1.000e+02
El: 12 86 - C.c:	3.235e+02	-3.180e+02	1.016e-14	-1.016e-14	2.334e-14	2.000e+00	1.489e-15	-1.489e-15	-1.635e-13	1.000e+02	-8.017e-14	3.073e-13
El: 13 86 - C.c:	3.415e+02	-3.361e+02	1.085e-14	-1.085e-14	2.200e-14	-2.000e+00	1.698e-15	-1.698e-15	7.101e-14	-1.000e+02	-1.027e-13	3.218e-13

GRUPPO NUMERO: 2 - DESCRIZIONE: TRAVERSI PONTEGGIO P2

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 1 1 - C.c:	-8.670e+01	8.670e+01	6.656e+00	6.055e+00	-1.903e+00	1.903e+00	1.871e+01	-1.871e+01	1.653e+02	1.773e+02	2.050e+02	-1.509e+02
El: 2 1 - C.c:	-6.533e+01	6.533e+01	5.073e+00	4.704e+00	-1.511e+00	1.511e+00	1.462e+01	-1.462e+01	1.316e+02	1.405e+02	1.535e+02	-1.203e+02
El: 3 1 - C.c:	-5.821e+01	5.821e+01	4.831e+00	4.947e+00	-1.757e+00	1.757e+00	1.582e+01	-1.582e+01	1.543e+02	1.619e+02	1.318e+02	-1.422e+02
El: 4 1 - C.c:	-5.643e+01	5.643e+01	4.770e+00	5.007e+00	-1.819e+00	1.819e+00	1.613e+01	-1.613e+01	1.600e+02	1.673e+02	1.264e+02	-1.477e+02
El: 5 1 - C.c:	-6.001e+01	6.001e+01	5.747e+00	6.964e+00	-2.825e+00	2.825e+00	2.322e+01	-2.322e+01	2.507e+02	2.577e+02	1.236e+02	-2.331e+02
El: 6 1 - C.c:	-1.023e+02	1.023e+02	6.227e+00	6.483e+00	-3.347e+00	3.347e+00	1.381e+01	-1.381e+01	2.945e+02	3.080e+02	1.655e+02	-1.885e+02
El: 7 1 - C.c:	-4.443e+01	4.443e+01	6.175e+00	6.536e+00	-1.381e+00	1.381e+00	2.812e+01	-2.812e+01	1.216e+02	1.269e+02	1.631e+02	-1.955e+02
El: 8 1 - C.c:	-4.753e+01	4.753e+01	4.467e+00	5.310e+00	-2.126e+00	2.126e+00	1.763e+01	-1.763e+01	1.885e+02	1.941e+02	9.924e+01	-1.751e+02
El: 9 1 - C.c:	-7.571e+01	7.571e+01	4.788e+00	4.990e+00	-2.474e+00	2.474e+00	1.135e+01	-1.135e+01	2.177e+02	2.277e+02	1.272e+02	-1.454e+02
El: 10 1 - C.c:	-3.714e+01	3.714e+01	4.753e+00	5.025e+00	-1.163e+00	1.163e+00	2.090e+01	-2.090e+01	1.024e+02	1.069e+02	1.256e+02	-1.500e+02
El: 11 1 - C.c:	-4.753e+01	4.753e+01	4.467e+00	5.310e+00	-2.126e+00	2.126e+00	1.763e+01	-1.763e+01	1.885e+02	1.941e+02	9.924e+01	-1.751e+02
El: 12 1 - C.c:	-7.571e+01	7.571e+01	4.788e+00	4.990e+00	-2.474e+00	2.474e+00	1.135e+01	-1.135e+01	2.177e+02	2.277e+02	1.272e+02	-1.454e+02
El: 13 1 - C.c:	-3.714e+01	3.714e+01	4.753e+00	5.025e+00	-1.163e+00	1.163e+00	2.090e+01	-2.090e+01	1.024e+02	1.069e+02	1.256e+02	-1.500e+02
El: 1 2 - C.c:	-2.135e+01	2.135e+01	6.236e+00	6.475e+00	-5.275e-01	5.275e-01	-3.156e+00	3.156e+00	5.589e+01	3.906e+01	1.820e+02	-2.035e+02
El: 2 2 - C.c:	-1.555e+01	1.555e+01	4.752e+00	5.026e+00	-4.578e-01	4.578e-01	-2.399e+00	2.399e+00	4.766e+01	3.474e+01	1.359e+02	-1.606e+02
El: 3 2 - C.c:	-1.100e+01	1.100e+01	4.518e+00	5.260e+00	-7.281e-01	7.281e-01	-2.248e+00	2.248e+00	7.195e+01	5.912e+01	1.148e+02	-1.816e+02
El: 4 2 - C.c:	-9.860e+00	9.860e+00	4.459e+00	5.318e+00	-7.957e-01	7.957e-01	-2.210e+00	2.210e+00	7.802e+01	6.521e+01	1.095e+02	-1.868e+02
El: 5 2 - C.c:	-4.290e+00	4.290e+00	5.358e+00	7.353e+00	-1.541e+00	1.541e+00	-2.591e+00	2.591e+00	1.470e+02	1.305e+02	1.027e+02	-2.822e+02
El: 6 2 - C.c:	-3.015e+01	3.015e+01	5.782e+00	6.928e+00	-1.135e+00	1.135e+00	-5.966e+00	5.966e+00	1.164e+02	8.799e+01	1.414e+02	-2.446e+02
El: 7 2 - C.c:	4.515e+00	-4.515e+00	5.811e+00	6.900e+00	-9.336e-01	9.336e-01	2.193e-01	-2.193e-01	8.648e+01	8.156e+01	1.432e+02	-2.412e+02
El: 8 2 - C.c:	-4.175e+00	4.175e+00	4.167e+00	5.611e+00	-1.134e+00	1.134e+00	-2.022e+00	2.022e+00	1.084e+02	9.569e+01	8.308e+01	-2.131e+02
El: 2 2 - C.c:	-2.142e+01	2.142e+01	4.449e+00	5.328e+00	-8.630e-01	8.630e-01	-4.272e+00	4.272e+00	8.798e+01	6.735e+01	1.089e+02	-1.880e+02

Fascicolo dei Calcoli
(Par. 10.1. Caratteristiche generali – D.M. Infrastrutture 17 gennaio 2018)

Elem./C.c.		Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
9													
El: 10	2 - C.c:	1.695e+00	-1.695e+00	4.469e+00	5.309e+00	-7.285e-01	7.285e-01	-1.485e-01	1.485e-01	6.806e+01	6.307e+01	1.101e+02	-1.857e+02
El: 11	2 - C.c:	-4.175e+00	4.175e+00	4.167e+00	5.611e+00	-1.134e+00	1.134e+00	-2.022e+00	2.022e+00	1.084e+02	9.569e+01	8.308e+01	-2.131e+02
El: 12	2 - C.c:	-2.142e+01	2.142e+01	4.449e+00	5.328e+00	-8.630e-01	8.630e-01	-4.272e+00	4.272e+00	8.798e+01	6.735e+01	1.089e+02	-1.880e+02
El: 13	2 - C.c:	1.695e+00	-1.695e+00	4.469e+00	5.309e+00	-7.285e-01	7.285e-01	-1.485e-01	1.485e-01	6.806e+01	6.307e+01	1.101e+02	-1.857e+02
El: 1	3 - C.c:	3.702e+01	-3.702e+01	6.237e+00	6.474e+00	-6.686e-02	6.686e-02	-7.925e-01	7.925e-01	1.112e+01	9.138e-01	1.776e+02	-1.989e+02
El: 2	3 - C.c:	2.905e+01	-2.905e+01	4.751e+00	5.026e+00	-1.029e-01	1.029e-01	-6.114e-01	6.114e-01	1.320e+01	5.325e+00	1.324e+02	-1.572e+02
El: 3	3 - C.c:	3.202e+01	-3.202e+01	4.512e+00	5.266e+00	-3.707e-01	3.707e-01	-6.207e-01	6.207e-01	3.737e+01	2.936e+01	1.108e+02	-1.786e+02
El: 4	3 - C.c:	3.276e+01	-3.276e+01	4.452e+00	5.326e+00	-4.377e-01	4.377e-01	-6.230e-01	6.230e-01	4.341e+01	3.537e+01	1.053e+02	-1.840e+02
El: 5	3 - C.c:	4.816e+01	-4.816e+01	5.338e+00	7.373e+00	-1.071e+00	1.071e+00	-8.274e-01	8.274e-01	1.017e+02	9.105e+01	9.634e+01	-2.795e+02
El: 6	3 - C.c:	3.156e+01	-3.156e+01	5.791e+00	6.920e+00	-4.040e-01	4.040e-01	-1.867e+00	1.867e+00	4.361e+01	2.912e+01	1.373e+02	-2.390e+02
El: 7	3 - C.c:	5.361e+01	-5.361e+01	5.784e+00	6.927e+00	-7.338e-01	7.338e-01	2.472e-01	-2.472e-01	6.925e+01	6.284e+01	1.366e+02	-2.394e+02
El: 8	3 - C.c:	3.647e+01	-3.647e+01	4.152e+00	5.625e+00	-7.724e-01	7.724e-01	-6.346e-01	6.346e-01	7.361e+01	6.541e+01	7.827e+01	-2.109e+02
El: 9	3 - C.c:	2.541e+01	-2.541e+01	4.454e+00	5.324e+00	-3.277e-01	3.277e-01	-1.328e+00	1.328e+00	3.486e+01	2.413e+01	1.056e+02	-1.839e+02
El: 10	3 - C.c:	4.011e+01	-4.011e+01	4.450e+00	5.328e+00	-5.476e-01	5.476e-01	8.173e-02	-8.173e-02	5.195e+01	4.661e+01	1.051e+02	-1.841e+02
El: 11	3 - C.c:	3.647e+01	-3.647e+01	4.152e+00	5.625e+00	-7.724e-01	7.724e-01	-6.346e-01	6.346e-01	7.361e+01	6.541e+01	7.827e+01	-2.109e+02
El: 12	3 - C.c:	2.541e+01	-2.541e+01	4.454e+00	5.324e+00	-3.277e-01	3.277e-01	-1.328e+00	1.328e+00	3.486e+01	2.413e+01	1.056e+02	-1.839e+02
El: 13	3 - C.c:	4.011e+01	-4.011e+01	4.450e+00	5.328e+00	-5.476e-01	5.476e-01	8.173e-02	-8.173e-02	5.195e+01	4.661e+01	1.051e+02	-1.841e+02
El: 1	4 - C.c:	1.022e+02	-1.022e+02	6.588e+00	6.123e+00	2.033e-01	-2.033e-01	1.204e+01	-1.204e+01	-2.215e+01	-1.445e+01	2.230e+02	-1.812e+02
El: 2	4 - C.c:	7.903e+01	-7.903e+01	5.025e+00	4.753e+00	1.059e-01	-1.059e-01	9.293e+00	-9.293e+00	-1.257e+01	-6.491e+00	1.678e+02	-1.433e+02
El: 3	4 - C.c:	8.105e+01	-8.105e+01	4.803e+00	4.975e+00	-1.568e-01	1.568e-01	9.437e+00	-9.437e+00	1.065e+01	1.757e+01	1.483e+02	-1.638e+02
El: 4	4 - C.c:	8.156e+01	-8.156e+01	4.747e+00	5.031e+00	-2.224e-01	2.224e-01	9.473e+00	-9.473e+00	1.646e+01	2.358e+01	1.434e+02	-1.690e+02
El: 5	4 - C.c:	1.098e+02	-1.098e+02	5.754e+00	6.957e+00	-7.817e-01	7.817e-01	1.259e+01	-1.259e+01	6.494e+01	7.577e+01	1.499e+02	-2.581e+02
El: 6	4 - C.c:	9.836e+01	-9.836e+01	6.177e+00	6.534e+00	-1.193e-01	1.193e-01	8.724e+00	-8.724e+00	1.140e+01	1.008e+01	1.871e+02	-2.191e+02
El: 7	4 - C.c:	1.137e+02	-1.137e+02	6.165e+00	6.546e+00	-4.590e-01	4.590e-01	1.591e+01	-1.591e+01	3.139e+01	5.123e+01	1.859e+02	-2.201e+02
El: 8	4 - C.c:	8.408e+01	-8.408e+01	4.469e+00	5.309e+00	-5.508e-01	5.508e-01	9.653e+00	-9.653e+00	4.549e+01	5.365e+01	1.191e+02	-1.946e+02
El: 9	4 - C.c:	7.645e+01	-7.645e+01	4.751e+00	5.027e+00	-1.092e-01	1.092e-01	7.079e+00	-7.079e+00	9.794e+00	9.865e+00	1.438e+02	-1.686e+02
El: 10	4 - C.c:	8.667e+01	-8.667e+01	4.743e+00	5.035e+00	-3.357e-01	3.357e-01	1.187e+01	-1.187e+01	2.312e+01	3.730e+01	1.430e+02	-1.693e+02
El: 11	4 - C.c:	8.408e+01	-8.408e+01	4.469e+00	5.309e+00	-5.508e-01	5.508e-01	9.653e+00	-9.653e+00	4.549e+01	5.365e+01	1.191e+02	-1.946e+02
El: 12	4 - C.c:	7.645e+01	-7.645e+01	4.751e+00	5.027e+00	-1.092e-01	1.092e-01	7.079e+00	-7.079e+00	9.794e+00	9.865e+00	1.438e+02	-1.686e+02
El: 13	4 - C.c:	8.667e+01	-8.667e+01	4.743e+00	5.035e+00	-3.357e-01	3.357e-01	1.187e+01	-1.187e+01	2.312e+01	3.730e+01	1.430e+02	-1.693e+02
El: 1	5 - C.c:	1.176e+02	-1.176e+02	7.336e+00	5.375e+00	8.873e-01	-8.873e-01	-1.094e+01	1.094e+01	-8.351e+01	-7.621e+01	2.943e+02	-1.178e+02
El: 2	5 - C.c:	8.961e+01	-8.961e+01	5.600e+00	4.177e+00	6.324e-01	-6.324e-01	-8.387e+00	8.387e+00	-5.964e+01	-5.419e+01	2.224e+02	-9.439e+01
El: 3	5 - C.c:	8.528e+01	-8.528e+01	5.379e+00	4.399e+00	3.715e-01	-3.715e-01	-8.247e+00	8.247e+00	-3.575e+01	-3.112e+01	2.020e+02	-1.138e+02
El: 4	5 - C.c:	8.419e+01	-8.419e+01	5.324e+00	4.454e+00	3.063e-01	-3.063e-01	-8.212e+00	8.212e+00	-2.977e+01	-2.536e+01	1.969e+02	-1.187e+02
El: 5	5 - C.c:	1.013e+02	-1.013e+02	6.506e+00	6.205e+00	-9.101e-02	9.101e-02	-1.041e+01	1.041e+01	6.104e+00	1.028e+01	2.177e+02	-1.907e+02
El: 6	5 - C.c:	1.075e+02	-1.075e+02	6.932e+00	5.779e+00	2.828e-01	-2.828e-01	-5.732e+00	5.732e+00	-2.121e+01	-2.969e+01	2.570e+02	-1.533e+02
El: 7	5 - C.c:	1.114e+02	-1.114e+02	6.909e+00	5.801e+00	5.135e-01	-5.135e-01	-1.562e+01	1.562e+01	-5.619e+01	-3.624e+01	2.550e+02	-1.552e+02
El: 8	5 - C.c:	7.877e+01	-7.877e+01	5.047e+00	4.731e+00	-1.984e-02	1.984e-02	-8.036e+00	8.036e+00	9.991e-02	3.471e+00	1.714e+02	-1.429e+02
El: 9	5 - C.c:	8.291e+01	-8.291e+01	5.331e+00	4.447e+00	2.293e-01	-2.293e-01	-4.916e+00	4.916e+00	-1.811e+01	-2.317e+01	1.976e+02	-1.180e+02

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Elem./C.c.		Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 10	5 - C.c:	8.547e+01	-8.547e+01	5.316e+00	4.461e+00	3.832e-01	-3.832e-01	-1.151e+01	1.151e+01	-4.143e+01	-2.754e+01	1.962e+02	-1.193e+02
El: 11	5 - C.c:	7.877e+01	-7.877e+01	5.047e+00	4.731e+00	-1.984e-02	1.984e-02	-8.036e+00	8.036e+00	9.991e-02	3.471e+00	1.714e+02	-1.429e+02
El: 12	5 - C.c:	8.291e+01	-8.291e+01	5.331e+00	4.447e+00	2.293e-01	-2.293e-01	-4.916e+00	4.916e+00	-1.811e+01	-2.317e+01	1.976e+02	-1.180e+02
El: 13	5 - C.c:	8.547e+01	-8.547e+01	5.316e+00	4.461e+00	3.832e-01	-3.832e-01	-1.151e+01	1.151e+01	-4.143e+01	-2.754e+01	1.962e+02	-1.193e+02
El: 1	6 - C.c:	5.830e+01	-5.830e+01	7.466e+00	5.244e+00	1.476e+00	-1.476e+00	6.468e+00	-6.468e+00	-1.264e+02	-1.392e+02	2.771e+02	-7.710e+01
El: 2	6 - C.c:	4.373e+01	-4.373e+01	5.699e+00	4.078e+00	1.085e+00	-1.085e+00	4.971e+00	-4.971e+00	-9.270e+01	-1.025e+02	2.092e+02	-6.334e+01
El: 3	6 - C.c:	3.792e+01	-3.792e+01	5.470e+00	4.307e+00	8.216e-01	-8.216e-01	4.951e+00	-4.951e+00	-6.900e+01	-7.888e+01	1.890e+02	-8.432e+01
El: 4	6 - C.c:	3.647e+01	-3.647e+01	5.413e+00	4.365e+00	7.558e-01	-7.558e-01	4.946e+00	-4.946e+00	-6.307e+01	-7.297e+01	1.839e+02	-8.957e+01
El: 5	6 - C.c:	3.651e+01	-3.651e+01	6.607e+00	6.104e+00	4.893e-01	-4.893e-01	6.391e+00	-6.391e+00	-3.756e+01	-5.052e+01	2.011e+02	-1.558e+02
El: 6	6 - C.c:	4.687e+01	-4.687e+01	7.054e+00	5.657e+00	1.132e+00	-1.132e+00	9.254e+00	-9.254e+00	-8.904e+01	-1.147e+02	2.407e+02	-1.150e+02
El: 7	6 - C.c:	4.794e+01	-4.794e+01	7.020e+00	5.691e+00	8.333e-01	-8.333e-01	3.605e+00	-3.605e+00	-7.495e+01	-7.504e+01	2.375e+02	-1.178e+02
El: 8	6 - C.c:	2.920e+01	-2.920e+01	5.126e+00	4.651e+00	4.270e-01	-4.270e-01	4.920e+00	-4.920e+00	-3.345e+01	-4.341e+01	1.586e+02	-1.158e+02
El: 9	6 - C.c:	3.611e+01	-3.611e+01	5.424e+00	4.354e+00	8.553e-01	-8.553e-01	6.829e+00	-6.829e+00	-6.777e+01	-8.619e+01	1.850e+02	-8.863e+01
El: 10	6 - C.c:	3.682e+01	-3.682e+01	5.402e+00	4.376e+00	6.563e-01	-6.563e-01	3.063e+00	-3.063e+00	-5.837e+01	-5.976e+01	1.828e+02	-9.050e+01
El: 11	6 - C.c:	2.920e+01	-2.920e+01	5.126e+00	4.651e+00	4.270e-01	-4.270e-01	4.920e+00	-4.920e+00	-3.345e+01	-4.341e+01	1.586e+02	-1.158e+02
El: 12	6 - C.c:	3.611e+01	-3.611e+01	5.424e+00	4.354e+00	8.553e-01	-8.553e-01	6.829e+00	-6.829e+00	-6.777e+01	-8.619e+01	1.850e+02	-8.863e+01
El: 13	6 - C.c:	3.682e+01	-3.682e+01	5.402e+00	4.376e+00	6.563e-01	-6.563e-01	3.063e+00	-3.063e+00	-5.837e+01	-5.976e+01	1.828e+02	-9.050e+01
El: 1	7 - C.c:	4.327e+01	-4.327e+01	2.003e+02	1.936e+02	-1.005e+00	1.005e+00	9.984e+00	-9.984e+00	6.437e+01	4.614e+01	2.887e+03	-2.519e+03
El: 2	7 - C.c:	3.333e+01	-3.333e+01	1.540e+02	1.490e+02	-5.715e-01	5.715e-01	8.286e+00	-8.286e+00	3.828e+01	2.459e+01	2.218e+03	-1.940e+03
El: 3	7 - C.c:	3.354e+01	-3.354e+01	1.537e+02	1.492e+02	4.748e-01	-4.748e-01	1.144e+01	-1.144e+01	-2.013e+01	-3.210e+01	2.202e+03	-1.953e+03
El: 4	7 - C.c:	3.360e+01	-3.360e+01	1.537e+02	1.493e+02	7.364e-01	-7.364e-01	1.223e+01	-1.223e+01	-3.473e+01	-4.627e+01	2.198e+03	-1.957e+03
El: 5	7 - C.c:	4.408e+01	-4.408e+01	1.993e+02	1.946e+02	2.919e+00	-2.919e+00	2.180e+01	-2.180e+01	-1.547e+02	-1.664e+02	2.828e+03	-2.568e+03
El: 6	7 - C.c:	4.045e+01	-4.045e+01	2.009e+02	1.929e+02	3.013e+00	-3.013e+00	1.604e+01	-1.604e+01	-1.607e+02	-1.708e+02	2.934e+03	-2.494e+03
El: 7	7 - C.c:	4.690e+01	-4.690e+01	1.986e+02	1.952e+02	-1.099e+00	1.099e+00	1.575e+01	-1.575e+01	7.035e+01	5.052e+01	2.780e+03	-2.594e+03
El: 8	7 - C.c:	3.387e+01	-3.387e+01	1.534e+02	1.496e+02	2.044e+00	-2.044e+00	1.616e+01	-1.616e+01	-1.077e+02	-1.171e+02	2.178e+03	-1.973e+03
El: 9	7 - C.c:	3.145e+01	-3.145e+01	1.544e+02	1.485e+02	2.107e+00	-2.107e+00	1.232e+01	-1.232e+01	-1.117e+02	-1.200e+02	2.249e+03	-1.924e+03
El: 10	7 - C.c:	3.575e+01	-3.575e+01	1.529e+02	1.501e+02	-6.344e-01	6.344e-01	1.213e+01	-1.213e+01	4.227e+01	2.751e+01	2.147e+03	-1.990e+03
El: 11	7 - C.c:	3.387e+01	-3.387e+01	1.534e+02	1.496e+02	2.044e+00	-2.044e+00	1.616e+01	-1.616e+01	-1.077e+02	-1.171e+02	2.178e+03	-1.973e+03
El: 12	7 - C.c:	3.145e+01	-3.145e+01	1.544e+02	1.485e+02	2.107e+00	-2.107e+00	1.232e+01	-1.232e+01	-1.117e+02	-1.200e+02	2.249e+03	-1.924e+03
El: 13	7 - C.c:	3.575e+01	-3.575e+01	1.529e+02	1.501e+02	-6.344e-01	6.344e-01	1.213e+01	-1.213e+01	4.227e+01	2.751e+01	2.147e+03	-1.990e+03
El: 1	8 - C.c:	5.304e+01	-5.304e+01	2.006e+02	1.933e+02	4.300e-01	-4.300e-01	9.022e+00	-9.022e+00	-3.837e-01	-4.692e+01	2.984e+03	-2.581e+03
El: 2	8 - C.c:	4.080e+01	-4.080e+01	1.543e+02	1.487e+02	5.186e-01	-5.186e-01	7.404e+00	-7.404e+00	-1.071e+01	-4.634e+01	2.294e+03	-1.986e+03
El: 3	8 - C.c:	4.078e+01	-4.078e+01	1.543e+02	1.487e+02	1.495e+00	-1.495e+00	9.816e+00	-9.816e+00	-6.484e+01	-9.963e+01	2.291e+03	-1.987e+03
El: 4	8 - C.c:	4.077e+01	-4.077e+01	1.542e+02	1.487e+02	1.739e+00	-1.739e+00	1.042e+01	-1.042e+01	-7.837e+01	-1.130e+02	2.290e+03	-1.988e+03
El: 5	8 - C.c:	5.297e+01	-5.297e+01	2.004e+02	1.934e+02	4.092e+00	-4.092e+00	1.807e+01	-1.807e+01	-2.034e+02	-2.468e+02	2.972e+03	-2.587e+03
El: 6	8 - C.c:	5.455e+01	-5.455e+01	2.000e+02	1.939e+02	4.466e+00	-4.466e+00	1.503e+01	-1.503e+01	-2.273e+02	-2.639e+02	2.964e+03	-2.629e+03
El: 7	8 - C.c:	5.146e+01	-5.146e+01	2.011e+02	1.928e+02	5.659e-02	-5.659e-02	1.206e+01	-1.206e+01	2.352e+01	-2.974e+01	2.992e+03	-2.538e+03
El: 8	8 - C.c:	4.075e+01	-4.075e+01	1.542e+02	1.488e+02	2.960e+00	-2.960e+00	1.343e+01	-1.343e+01	-1.460e+02	-1.796e+02	2.286e+03	-1.989e+03
El: 9	8 - C.c:	4.180e+01	-4.180e+01	1.539e+02	1.491e+02	3.209e+00	-3.209e+00	1.141e+01	-1.141e+01	-1.620e+02	-1.910e+02	2.281e+03	-2.018e+03
El:	8 - C.c:	3.974e+01	-3.974e+01	1.546e+02	1.484e+02	2.696e-01	-2.696e-01	9.428e+00	-9.428e+00	5.230e+00	-3.489e+01	2.300e+03	-1.957e+03

COMUNE DI PRAIANO c_g976 0007113 Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 Ingresso 09/09/2024 12:39

Elem./C.c.		Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
10													
El: 11	8 - C.c:	4.075e+01	-4.075e+01	1.542e+02	1.488e+02	2.960e+00	-2.960e+00	1.343e+01	-1.343e+01	-1.460e+02	-1.796e+02	2.286e+03	-1.989e+03
El: 12	8 - C.c:	4.180e+01	-4.180e+01	1.539e+02	1.491e+02	3.209e+00	-3.209e+00	1.141e+01	-1.141e+01	-1.620e+02	-1.910e+02	2.281e+03	-2.018e+03
El: 13	8 - C.c:	3.974e+01	-3.974e+01	1.546e+02	1.484e+02	2.696e-01	-2.696e-01	9.428e+00	-9.428e+00	5.230e+00	-3.489e+01	2.300e+03	-1.957e+03
El: 1	9 - C.c:	5.325e+01	-5.325e+01	1.995e+02	1.944e+02	-1.617e+00	1.617e+00	7.935e+00	-7.935e+00	1.040e+02	7.383e+01	2.930e+03	-2.648e+03
El: 2	9 - C.c:	4.096e+01	-4.096e+01	1.535e+02	1.495e+02	-1.053e+00	1.053e+00	6.592e+00	-6.592e+00	6.944e+01	4.643e+01	2.254e+03	-2.037e+03
El: 3	9 - C.c:	4.095e+01	-4.095e+01	1.534e+02	1.495e+02	-6.281e-02	6.281e-02	9.134e+00	-9.134e+00	1.438e+01	-7.472e+00	2.252e+03	-2.037e+03
El: 4	9 - C.c:	4.095e+01	-4.095e+01	1.534e+02	1.495e+02	1.848e-01	-1.848e-01	9.770e+00	-9.770e+00	6.164e-01	-2.095e+01	2.252e+03	-2.037e+03
El: 5	9 - C.c:	5.322e+01	-5.322e+01	1.995e+02	1.944e+02	2.098e+00	-2.098e+00	1.747e+01	-1.747e+01	-1.024e+02	-1.283e+02	2.925e+03	-2.648e+03
El: 6	9 - C.c:	5.499e+01	-5.499e+01	1.982e+02	1.957e+02	1.204e+00	-1.204e+00	1.363e+01	-1.363e+01	-5.892e+01	-7.348e+01	2.874e+03	-2.734e+03
El: 7	9 - C.c:	5.147e+01	-5.147e+01	2.008e+02	1.931e+02	-7.231e-01	7.231e-01	1.177e+01	-1.177e+01	6.052e+01	1.902e+01	2.982e+03	-2.561e+03
El: 8	9 - C.c:	4.094e+01	-4.094e+01	1.534e+02	1.495e+02	1.423e+00	-1.423e+00	1.295e+01	-1.295e+01	-6.821e+01	-8.832e+01	2.250e+03	-2.037e+03
El: 9	9 - C.c:	4.212e+01	-4.212e+01	1.526e+02	1.504e+02	8.270e-01	-8.270e-01	1.039e+01	-1.039e+01	-3.919e+01	-5.178e+01	2.216e+03	-2.094e+03
El: 10	9 - C.c:	3.977e+01	-3.977e+01	1.543e+02	1.487e+02	-4.574e-01	4.574e-01	9.151e+00	-9.151e+00	4.043e+01	9.886e+00	2.288e+03	-1.979e+03
El: 11	9 - C.c:	4.094e+01	-4.094e+01	1.534e+02	1.495e+02	1.423e+00	-1.423e+00	1.295e+01	-1.295e+01	-6.821e+01	-8.832e+01	2.250e+03	-2.037e+03
El: 12	9 - C.c:	4.212e+01	-4.212e+01	1.526e+02	1.504e+02	8.270e-01	-8.270e-01	1.039e+01	-1.039e+01	-3.919e+01	-5.178e+01	2.216e+03	-2.094e+03
El: 13	9 - C.c:	3.977e+01	-3.977e+01	1.543e+02	1.487e+02	-4.574e-01	4.574e-01	9.151e+00	-9.151e+00	4.043e+01	9.886e+00	2.288e+03	-1.979e+03
El: 1	10 - C.c:	5.326e+01	-5.326e+01	1.992e+02	1.946e+02	-2.334e+00	2.334e+00	1.010e+01	-1.010e+01	1.450e+02	1.117e+02	2.917e+03	-2.666e+03
El: 2	10 - C.c:	4.097e+01	-4.097e+01	1.532e+02	1.497e+02	-1.604e+00	1.604e+00	8.267e+00	-8.267e+00	1.009e+02	7.549e+01	2.244e+03	-2.051e+03
El: 3	10 - C.c:	4.095e+01	-4.095e+01	1.532e+02	1.497e+02	-6.081e-01	6.081e-01	1.085e+01	-1.085e+01	4.571e+01	2.118e+01	2.242e+03	-2.051e+03
El: 4	10 - C.c:	4.095e+01	-4.095e+01	1.532e+02	1.497e+02	-3.592e-01	3.592e-01	1.149e+01	-1.149e+01	3.191e+01	7.606e+00	2.242e+03	-2.051e+03
El: 5	10 - C.c:	5.321e+01	-5.321e+01	1.992e+02	1.947e+02	1.400e+00	-1.400e+00	1.977e+01	-1.977e+01	-6.202e+01	-9.194e+01	2.912e+03	-2.666e+03
El: 6	10 - C.c:	5.517e+01	-5.517e+01	1.977e+02	1.962e+02	9.410e-03	-9.410e-03	1.572e+01	-1.572e+01	6.846e+00	-7.881e+00	2.848e+03	-2.764e+03
El: 7	10 - C.c:	5.130e+01	-5.130e+01	2.007e+02	1.932e+02	-9.434e-01	9.434e-01	1.416e+01	-1.416e+01	7.611e+01	2.766e+01	2.981e+03	-2.569e+03
El: 8	10 - C.c:	4.093e+01	-4.093e+01	1.532e+02	1.498e+02	8.852e-01	-8.852e-01	1.472e+01	-1.472e+01	-3.709e+01	-6.028e+01	2.240e+03	-2.051e+03
El: 9	10 - C.c:	4.224e+01	-4.224e+01	1.522e+02	1.507e+02	-4.162e-02	4.162e-02	1.201e+01	-1.201e+01	8.818e+00	-4.240e+00	2.198e+03	-2.116e+03
El: 10	10 - C.c:	3.966e+01	-3.966e+01	1.542e+02	1.488e+02	-6.768e-01	6.768e-01	1.097e+01	-1.097e+01	5.500e+01	1.945e+01	2.286e+03	-1.986e+03
El: 11	10 - C.c:	4.093e+01	-4.093e+01	1.532e+02	1.498e+02	8.852e-01	-8.852e-01	1.472e+01	-1.472e+01	-3.709e+01	-6.028e+01	2.240e+03	-2.051e+03
El: 12	10 - C.c:	4.224e+01	-4.224e+01	1.522e+02	1.507e+02	-4.162e-02	4.162e-02	1.201e+01	-1.201e+01	8.818e+00	-4.240e+00	2.198e+03	-2.116e+03
El: 13	10 - C.c:	3.966e+01	-3.966e+01	1.542e+02	1.488e+02	-6.768e-01	6.768e-01	1.097e+01	-1.097e+01	5.500e+01	1.945e+01	2.286e+03	-1.986e+03
El: 1	11 - C.c:	5.283e+01	-5.283e+01	2.005e+02	1.933e+02	-2.087e+00	2.087e+00	-3.923e+00	3.923e+00	1.169e+02	1.127e+02	3.021e+03	-2.625e+03
El: 2	11 - C.c:	4.064e+01	-4.064e+01	1.543e+02	1.487e+02	-1.407e+00	1.407e+00	-2.629e+00	2.629e+00	7.881e+01	7.600e+01	2.324e+03	-2.019e+03
El: 3	11 - C.c:	4.064e+01	-4.064e+01	1.543e+02	1.487e+02	-3.768e-01	3.768e-01	-6.112e-01	6.112e-01	2.084e+01	2.060e+01	2.324e+03	-2.019e+03
El: 4	11 - C.c:	4.064e+01	-4.064e+01	1.543e+02	1.487e+02	-1.191e-01	1.191e-01	-1.067e-01	1.067e-01	6.353e+00	6.749e+00	2.324e+03	-2.019e+03
El: 5	11 - C.c:	5.283e+01	-5.283e+01	2.005e+02	1.933e+02	1.778e+00	-1.778e+00	3.645e+00	-3.645e+00	-1.004e+02	-9.511e+01	3.022e+03	-2.625e+03
El: 6	11 - C.c:	5.468e+01	-5.468e+01	1.987e+02	1.951e+02	-1.985e-01	1.985e-01	5.567e-01	-5.567e-01	1.032e+01	1.152e+01	2.928e+03	-2.729e+03
El: 7	11 - C.c:	5.097e+01	-5.097e+01	2.023e+02	1.915e+02	-1.112e-01	1.112e-01	-8.341e-01	8.341e-01	6.201e+00	6.031e+00	3.115e+03	-2.520e+03
El: 8	11 - C.c:	4.064e+01	-4.064e+01	1.543e+02	1.487e+02	1.169e+00	-1.169e+00	2.416e+00	-2.416e+00	-6.610e+01	-6.251e+01	2.324e+03	-2.019e+03
El: 9	11 - C.c:	4.187e+01	-4.187e+01	1.531e+02	1.499e+02	-1.482e-01	1.482e-01	3.569e-01	-3.569e-01	7.725e+00	8.578e+00	2.262e+03	-2.089e+03
El: 10	11 - C.c:	3.940e+01	-3.940e+01	1.555e+02	1.475e+02	-9.001e-02	9.001e-02	-5.703e-01	5.703e-01	4.981e+00	4.921e+00	2.387e+03	-1.950e+03

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Elem./C.c.		Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 11	11 - C.c:	4.064e+01	-4.064e+01	1.543e+02	1.487e+02	1.169e+00	-1.169e+00	2.416e+00	-2.416e+00	-6.610e+01	-6.251e+01	2.324e+03	-2.019e+03
El: 12	11 - C.c:	4.187e+01	-4.187e+01	1.531e+02	1.499e+02	-1.482e-01	1.482e-01	3.569e-01	-3.569e-01	7.725e+00	8.578e+00	2.262e+03	-2.089e+03
El: 13	11 - C.c:	3.940e+01	-3.940e+01	1.555e+02	1.475e+02	-9.001e-02	9.001e-02	-5.703e-01	5.703e-01	4.981e+00	4.921e+00	2.387e+03	-1.950e+03
El: 1	12 - C.c:	5.303e+01	-5.303e+01	1.995e+02	1.944e+02	-2.009e+00	2.009e+00	-1.951e+01	1.951e+01	9.461e+01	1.264e+02	2.930e+03	-2.649e+03
El: 2	12 - C.c:	4.080e+01	-4.080e+01	1.535e+02	1.495e+02	-1.356e+00	1.356e+00	-1.453e+01	1.453e+01	6.228e+01	8.692e+01	2.254e+03	-2.038e+03
El: 3	12 - C.c:	4.081e+01	-4.081e+01	1.535e+02	1.495e+02	-3.730e-01	3.730e-01	-1.207e+01	1.207e+01	7.708e+00	3.332e+01	2.256e+03	-2.037e+03
El: 4	12 - C.c:	4.081e+01	-4.081e+01	1.535e+02	1.495e+02	-1.271e-01	1.271e-01	-1.145e+01	1.145e+01	-5.935e+00	1.992e+01	2.256e+03	-2.037e+03
El: 5	12 - C.c:	5.309e+01	-5.309e+01	1.996e+02	1.943e+02	1.679e+00	-1.679e+00	-1.026e+01	1.026e+01	-1.100e+02	-7.462e+01	2.936e+03	-2.648e+03
El: 6	12 - C.c:	5.487e+01	-5.487e+01	1.983e+02	1.955e+02	-1.041e+00	1.041e+00	-1.425e+01	1.425e+01	4.795e+01	6.658e+01	2.882e+03	-2.730e+03
El: 7	12 - C.c:	5.125e+01	-5.125e+01	2.007e+02	1.931e+02	7.107e-01	-7.107e-01	-1.552e+01	1.552e+01	-6.338e+01	-1.480e+01	2.984e+03	-2.567e+03
El: 8	12 - C.c:	4.083e+01	-4.083e+01	1.535e+02	1.495e+02	1.102e+00	-1.102e+00	-8.368e+00	8.368e+00	-7.415e+01	-4.709e+01	2.259e+03	-2.037e+03
El: 9	12 - C.c:	4.202e+01	-4.202e+01	1.527e+02	1.503e+02	-7.111e-01	7.111e-01	-1.102e+01	1.102e+01	3.117e+01	4.704e+01	2.222e+03	-2.092e+03
El: 10	12 - C.c:	3.961e+01	-3.961e+01	1.543e+02	1.487e+02	4.568e-01	-4.568e-01	-1.187e+01	1.187e+01	-4.304e+01	-7.209e+00	2.290e+03	-1.983e+03
El: 11	12 - C.c:	4.083e+01	-4.083e+01	1.535e+02	1.495e+02	1.102e+00	-1.102e+00	-8.368e+00	8.368e+00	-7.415e+01	-4.709e+01	2.259e+03	-2.037e+03
El: 12	12 - C.c:	4.202e+01	-4.202e+01	1.527e+02	1.503e+02	-7.111e-01	7.111e-01	-1.102e+01	1.102e+01	3.117e+01	4.704e+01	2.222e+03	-2.092e+03
El: 13	12 - C.c:	3.961e+01	-3.961e+01	1.543e+02	1.487e+02	4.568e-01	-4.568e-01	-1.187e+01	1.187e+01	-4.304e+01	-7.209e+00	2.290e+03	-1.983e+03
El: 1	13 - C.c:	1.380e+01	-1.380e+01	5.623e+00	7.088e+00	-1.241e+00	1.241e+00	-1.854e+01	1.854e+01	1.263e+02	9.710e+01	1.112e+02	-2.431e+02
El: 2	13 - C.c:	1.081e+01	-1.081e+01	4.342e+00	5.435e+00	-1.007e+00	1.007e+00	-1.408e+01	1.408e+01	1.018e+02	7.947e+01	8.702e+01	-1.854e+02
El: 3	13 - C.c:	1.184e+01	-1.184e+01	4.432e+00	5.346e+00	-1.279e+00	1.279e+00	-1.312e+01	1.312e+01	1.259e+02	1.043e+02	9.457e+01	-1.769e+02
El: 4	13 - C.c:	1.210e+01	-1.210e+01	4.454e+00	5.324e+00	-1.347e+00	1.347e+00	-1.288e+01	1.288e+01	1.319e+02	1.106e+02	9.646e+01	-1.747e+02
El: 5	13 - C.c:	1.766e+01	-1.766e+01	5.957e+00	6.753e+00	-2.261e+00	2.261e+00	-1.496e+01	1.496e+01	2.166e+02	1.903e+02	1.396e+02	-2.112e+02
El: 6	13 - C.c:	1.835e+01	-1.835e+01	5.737e+00	6.974e+00	-2.865e+00	2.865e+00	-2.495e+01	2.495e+01	2.727e+02	2.430e+02	1.205e+02	-2.319e+02
El: 7	13 - C.c:	1.311e+01	-1.311e+01	5.844e+00	6.867e+00	-6.370e-01	6.370e-01	-8.541e+00	8.541e+00	7.022e+01	4.444e+01	1.303e+02	-2.224e+02
El: 8	13 - C.c:	1.339e+01	-1.339e+01	4.565e+00	5.212e+00	-1.687e+00	1.687e+00	-1.169e+01	1.169e+01	1.620e+02	1.416e+02	1.059e+02	-1.641e+02
El: 9	13 - C.c:	1.385e+01	-1.385e+01	4.418e+00	5.359e+00	-2.090e+00	2.090e+00	-1.835e+01	1.835e+01	1.994e+02	1.767e+02	9.318e+01	-1.779e+02
El: 10	13 - C.c:	1.035e+01	-1.035e+01	4.490e+00	5.288e+00	-6.043e-01	6.043e-01	-7.411e+00	7.411e+00	6.440e+01	4.437e+01	9.974e+01	-1.716e+02
El: 11	13 - C.c:	1.339e+01	-1.339e+01	4.565e+00	5.212e+00	-1.687e+00	1.687e+00	-1.169e+01	1.169e+01	1.620e+02	1.416e+02	1.059e+02	-1.641e+02
El: 12	13 - C.c:	1.385e+01	-1.385e+01	4.418e+00	5.359e+00	-2.090e+00	2.090e+00	-1.835e+01	1.835e+01	1.994e+02	1.767e+02	9.318e+01	-1.779e+02
El: 13	13 - C.c:	1.035e+01	-1.035e+01	4.490e+00	5.288e+00	-6.043e-01	6.043e-01	-7.411e+00	7.411e+00	6.440e+01	4.437e+01	9.974e+01	-1.716e+02
El: 1	14 - C.c:	1.078e+01	-1.078e+01	6.026e+00	6.685e+00	2.509e-01	-2.509e-01	-6.276e+00	6.276e+00	-3.598e+01	-9.177e+00	1.622e+02	-2.215e+02
El: 2	14 - C.c:	8.448e+00	-8.448e+00	4.656e+00	5.122e+00	1.371e-01	-1.371e-01	-4.813e+00	4.813e+00	-2.266e+01	-2.019e+00	1.266e+02	-1.686e+02
El: 3	14 - C.c:	9.249e+00	-9.249e+00	4.760e+00	5.018e+00	-1.536e-01	1.536e-01	-4.741e+00	4.741e+00	3.453e+00	2.419e+01	1.360e+02	-1.592e+02
El: 4	14 - C.c:	9.449e+00	-9.449e+00	4.786e+00	4.992e+00	-2.263e-01	2.263e-01	-4.723e+00	4.723e+00	9.981e+00	3.074e+01	1.384e+02	-1.569e+02
El: 5	14 - C.c:	1.379e+01	-1.379e+01	6.418e+00	6.293e+00	-8.391e-01	8.391e-01	-6.004e+00	6.004e+00	6.193e+01	8.911e+01	1.976e+02	-1.864e+02
El: 6	14 - C.c:	1.248e+01	-1.248e+01	6.171e+00	6.540e+00	-6.157e-01	6.157e-01	-9.386e+00	9.386e+00	3.447e+01	7.635e+01	1.753e+02	-2.085e+02
El: 7	14 - C.c:	1.209e+01	-1.209e+01	6.273e+00	6.438e+00	2.744e-02	-2.744e-02	-2.894e+00	2.894e+00	-8.522e+00	3.582e+00	1.845e+02	-1.994e+02
El: 8	14 - C.c:	1.045e+01	-1.045e+01	4.916e+00	4.861e+00	-5.896e-01	5.896e-01	-4.632e+00	4.632e+00	4.262e+01	6.351e+01	1.502e+02	-1.452e+02
El: 9	14 - C.c:	9.582e+00	-9.582e+00	4.752e+00	5.026e+00	-4.406e-01	4.406e-01	-6.887e+00	6.887e+00	2.431e+01	5.500e+01	1.353e+02	-1.599e+02
El: 10	14 - C.c:	9.317e+00	-9.317e+00	4.820e+00	4.958e+00	-1.187e-02	1.187e-02	-2.559e+00	2.559e+00	-4.350e+00	6.487e+00	1.415e+02	-1.538e+02
El:	14 - C.c:	1.045e+01	-1.045e+01	4.916e+00	4.861e+00	-5.896e-01	5.896e-01	-4.632e+00	4.632e+00	4.262e+01	6.351e+01	1.502e+02	-1.452e+02

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
11												
El: 14 - C.c: 12	9.582e+00	-9.582e+00	4.752e+00	5.026e+00	-4.406e-01	4.406e-01	-6.887e+00	6.887e+00	2.431e+01	5.500e+01	1.353e+02	-1.599e+02
El: 14 - C.c: 13	9.317e+00	-9.317e+00	4.820e+00	4.958e+00	-1.187e-02	1.187e-02	-2.559e+00	2.559e+00	-4.350e+00	6.487e+00	1.415e+02	-1.538e+02
El: 15 - C.c: 1	1.020e+01	-1.020e+01	6.008e+00	6.703e+00	5.769e-01	-5.769e-01	-2.026e+00	2.026e+00	-5.609e+01	-4.775e+01	1.587e+02	-2.212e+02
El: 15 - C.c: 2	7.958e+00	-7.958e+00	4.642e+00	5.136e+00	3.882e-01	-3.882e-01	-1.566e+00	1.566e+00	-3.815e+01	-3.174e+01	1.239e+02	-1.683e+02
El: 15 - C.c: 3	8.522e+00	-8.522e+00	4.747e+00	5.030e+00	9.963e-02	-9.963e-02	-1.604e+00	1.604e+00	-1.215e+01	-5.780e+00	1.333e+02	-1.588e+02
El: 15 - C.c: 4	8.663e+00	-8.663e+00	4.774e+00	5.004e+00	2.748e-02	-2.748e-02	-1.613e+00	1.613e+00	-5.656e+00	7.092e-01	1.357e+02	-1.564e+02
El: 15 - C.c: 5	1.232e+01	-1.232e+01	6.403e+00	6.308e+00	-5.054e-01	5.054e-01	-2.168e+00	2.168e+00	4.138e+01	4.959e+01	1.940e+02	-1.854e+02
El: 15 - C.c: 6	1.030e+01	-1.030e+01	6.156e+00	6.555e+00	-1.069e-01	1.069e-01	-2.840e+00	2.840e+00	2.422e+00	1.682e+01	1.718e+02	-2.078e+02
El: 15 - C.c: 7	1.223e+01	-1.223e+01	6.256e+00	6.455e+00	1.784e-01	-1.784e-01	-1.355e+00	1.355e+00	-1.713e+01	-1.498e+01	1.809e+02	-1.988e+02
El: 15 - C.c: 8	9.368e+00	-9.368e+00	4.905e+00	4.872e+00	-3.333e-01	3.333e-01	-1.660e+00	1.660e+00	2.683e+01	3.316e+01	1.475e+02	-1.445e+02
El: 15 - C.c: 9	8.020e+00	-8.020e+00	4.740e+00	5.037e+00	-6.761e-02	6.761e-02	-2.108e+00	2.108e+00	8.609e-01	1.131e+01	1.327e+02	-1.594e+02
El: 15 - C.c: 10	9.306e+00	-9.306e+00	4.807e+00	4.970e+00	1.226e-01	-1.226e-01	-1.118e+00	1.118e+00	-1.217e+01	-9.890e+00	1.387e+02	-1.534e+02
El: 15 - C.c: 11	9.368e+00	-9.368e+00	4.905e+00	4.872e+00	-3.333e-01	3.333e-01	-1.660e+00	1.660e+00	2.683e+01	3.316e+01	1.475e+02	-1.445e+02
El: 15 - C.c: 12	8.020e+00	-8.020e+00	4.740e+00	5.037e+00	-6.761e-02	6.761e-02	-2.108e+00	2.108e+00	8.609e-01	1.131e+01	1.327e+02	-1.594e+02
El: 15 - C.c: 13	9.306e+00	-9.306e+00	4.807e+00	4.970e+00	1.226e-01	-1.226e-01	-1.118e+00	1.118e+00	-1.217e+01	-9.890e+00	1.387e+02	-1.534e+02
El: 16 - C.c: 1	1.036e+01	-1.036e+01	6.020e+00	6.691e+00	5.839e-01	-5.839e-01	-2.824e+00	2.824e+00	-5.756e+01	-4.755e+01	1.607e+02	-2.212e+02
El: 16 - C.c: 2	8.031e+00	-8.031e+00	4.651e+00	5.127e+00	3.919e-01	-3.919e-01	-2.201e+00	2.201e+00	-3.914e+01	-3.140e+01	1.255e+02	-1.683e+02
El: 16 - C.c: 3	8.360e+00	-8.360e+00	4.756e+00	5.022e+00	9.423e-02	-9.423e-02	-2.350e+00	2.350e+00	-1.244e+01	-4.519e+00	1.350e+02	-1.589e+02
El: 16 - C.c: 4	8.442e+00	-8.442e+00	4.782e+00	4.996e+00	1.981e-02	-1.981e-02	-2.388e+00	2.388e+00	-5.768e+00	2.203e+00	1.374e+02	-1.566e+02
El: 16 - C.c: 5	1.159e+01	-1.159e+01	6.414e+00	6.297e+00	-5.324e-01	5.324e-01	-3.385e+00	3.385e+00	4.257e+01	5.327e+01	1.964e+02	-1.860e+02
El: 16 - C.c: 6	9.338e+00	-9.338e+00	6.168e+00	6.543e+00	1.757e-02	-1.757e-02	-2.005e+00	2.005e+00	-7.107e+00	3.944e+00	1.742e+02	-2.080e+02
El: 16 - C.c: 7	1.261e+01	-1.261e+01	6.266e+00	6.445e+00	3.393e-02	-3.393e-02	-4.203e+00	4.203e+00	-7.890e+00	1.782e+00	1.830e+02	-1.992e+02
El: 16 - C.c: 8	8.853e+00	-8.853e+00	4.913e+00	4.864e+00	-3.523e-01	3.523e-01	-2.575e+00	2.575e+00	2.761e+01	3.581e+01	1.493e+02	-1.449e+02
El: 16 - C.c: 9	7.351e+00	-7.351e+00	4.749e+00	5.028e+00	1.435e-02	-1.435e-02	-1.655e+00	1.655e+00	-5.507e+00	2.923e+00	1.344e+02	-1.595e+02
El: 16 - C.c: 10	9.533e+00	-9.533e+00	4.815e+00	4.963e+00	2.526e-02	-2.526e-02	-3.120e+00	3.120e+00	-6.029e+00	1.482e+00	1.403e+02	-1.537e+02
El: 16 - C.c: 11	8.853e+00	-8.853e+00	4.913e+00	4.864e+00	-3.523e-01	3.523e-01	-2.575e+00	2.575e+00	2.761e+01	3.581e+01	1.493e+02	-1.449e+02
El: 16 - C.c: 12	7.351e+00	-7.351e+00	4.749e+00	5.028e+00	1.435e-02	-1.435e-02	-1.655e+00	1.655e+00	-5.507e+00	2.923e+00	1.344e+02	-1.595e+02
El: 16 - C.c: 13	9.533e+00	-9.533e+00	4.815e+00	4.963e+00	2.526e-02	-2.526e-02	-3.120e+00	3.120e+00	-6.029e+00	1.482e+00	1.403e+02	-1.537e+02
El: 17 - C.c: 1	1.038e+01	-1.038e+01	5.913e+00	6.798e+00	6.084e-01	-6.084e-01	4.780e+00	-4.780e+00	-6.213e+01	-4.738e+01	1.539e+02	-2.335e+02
El: 17 - C.c: 2	7.997e+00	-7.997e+00	4.569e+00	5.209e+00	4.110e-01	-4.110e-01	3.649e+00	-3.649e+00	-4.265e+01	-3.133e+01	1.202e+02	-1.777e+02
El: 17 - C.c: 3	8.059e+00	-8.059e+00	4.677e+00	5.101e+00	1.143e-01	-1.143e-01	3.505e+00	-3.505e+00	-1.588e+01	-4.700e+00	1.297e+02	-1.679e+02
El: 17 - C.c: 4	8.075e+00	-8.075e+00	4.703e+00	5.074e+00	4.016e-02	-4.016e-02	3.469e+00	-3.469e+00	-9.185e+00	1.957e+00	1.321e+02	-1.655e+02
El: 17 - C.c: 5	1.061e+01	-1.061e+01	6.316e+00	6.395e+00	-5.040e-01	5.040e-01	4.239e+00	-4.239e+00	3.825e+01	5.247e+01	1.896e+02	-1.967e+02
El: 17 - C.c: 6	8.714e+00	-8.714e+00	6.066e+00	6.645e+00	8.173e-02	-8.173e-02	4.824e+00	-4.824e+00	-1.692e+01	2.207e+00	1.673e+02	-2.195e+02
El: 17 - C.c: 7	1.228e+01	-1.228e+01	6.163e+00	6.547e+00	2.268e-02	-2.268e-02	4.195e+00	-4.195e+00	-6.964e+00	2.881e+00	1.761e+02	-2.107e+02
El: 17 - C.c: 8	8.153e+00	-8.153e+00	4.838e+00	4.940e+00	-3.307e-01	3.307e-01	3.289e+00	-3.289e+00	2.428e+01	3.524e+01	1.440e+02	-1.532e+02
El: 17 - C.c: 9	6.886e+00	-6.886e+00	4.671e+00	5.107e+00	5.984e-02	-5.984e-02	3.678e+00	-3.678e+00	-1.250e+01	1.732e+00	1.292e+02	-1.684e+02
El: 17 - C.c: 10	9.264e+00	-9.264e+00	4.736e+00	5.042e+00	2.048e-02	-2.048e-02	3.260e+00	-3.260e+00	-5.867e+00	2.181e+00	1.350e+02	-1.625e+02
El: 17 - C.c: 11	8.153e+00	-8.153e+00	4.838e+00	4.940e+00	-3.307e-01	3.307e-01	3.289e+00	-3.289e+00	2.428e+01	3.524e+01	1.440e+02	-1.532e+02

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 12 17 - C.c:	6.886e+00	-6.886e+00	4.671e+00	5.107e+00	5.984e-02	-5.984e-02	3.678e+00	-3.678e+00	-1.250e+01	1.732e+00	1.292e+02	-1.684e+02
El: 13 17 - C.c:	9.264e+00	-9.264e+00	4.736e+00	5.042e+00	2.048e-02	-2.048e-02	3.260e+00	-3.260e+00	-5.867e+00	2.181e+00	1.350e+02	-1.625e+02
El: 1 18 - C.c:	1.071e+01	-1.071e+01	6.405e+00	6.306e+00	8.231e-01	-8.231e-01	1.681e+00	-1.681e+00	-8.068e+01	-6.748e+01	1.770e+02	-1.681e+02
El: 2 18 - C.c:	8.212e+00	-8.212e+00	4.945e+00	4.833e+00	5.791e-01	-5.791e-01	1.297e+00	-1.297e+00	-5.719e+01	-4.705e+01	1.379e+02	-1.278e+02
El: 3 18 - C.c:	8.058e+00	-8.058e+00	5.039e+00	4.739e+00	2.979e-01	-2.979e-01	1.320e+00	-1.320e+00	-3.186e+01	-2.175e+01	1.469e+02	-1.199e+02
El: 4 18 - C.c:	8.019e+00	-8.019e+00	5.062e+00	4.715e+00	2.276e-01	-2.276e-01	1.326e+00	-1.326e+00	-2.553e+01	-1.543e+01	1.491e+02	-1.179e+02
El: 5 18 - C.c:	1.014e+01	-1.014e+01	6.758e+00	5.953e+00	-2.315e-01	2.315e-01	1.767e+00	-1.767e+00	1.430e+01	2.736e+01	2.108e+02	-1.384e+02
El: 6 18 - C.c:	9.328e+00	-9.328e+00	6.532e+00	6.179e+00	6.634e-01	-6.634e-01	5.367e+00	-5.367e+00	-7.523e+01	-4.419e+01	1.895e+02	-1.577e+02
El: 7 18 - C.c:	1.152e+01	-1.152e+01	6.630e+00	6.080e+00	-7.178e-02	7.178e-02	-1.919e+00	1.919e+00	8.851e+00	4.069e+00	1.983e+02	-1.488e+02
El: 8 18 - C.c:	7.827e+00	-7.827e+00	5.180e+00	4.597e+00	-1.240e-01	1.240e-01	1.355e+00	-1.355e+00	6.129e+00	1.618e+01	1.604e+02	-1.080e+02
El: 9 18 - C.c:	7.288e+00	-7.288e+00	5.030e+00	4.748e+00	4.726e-01	-4.726e-01	3.755e+00	-3.755e+00	-5.356e+01	-3.152e+01	1.462e+02	-1.208e+02
El: 10 18 - C.c:	8.751e+00	-8.751e+00	5.095e+00	4.682e+00	-1.751e-02	1.751e-02	-1.103e+00	1.103e+00	2.497e+00	6.551e-01	1.521e+02	-1.149e+02
El: 11 18 - C.c:	7.827e+00	-7.827e+00	5.180e+00	4.597e+00	-1.240e-01	1.240e-01	1.355e+00	-1.355e+00	6.129e+00	1.618e+01	1.604e+02	-1.080e+02
El: 12 18 - C.c:	7.288e+00	-7.288e+00	5.030e+00	4.748e+00	4.726e-01	-4.726e-01	3.755e+00	-3.755e+00	-5.356e+01	-3.152e+01	1.462e+02	-1.208e+02
El: 13 18 - C.c:	8.751e+00	-8.751e+00	5.095e+00	4.682e+00	-1.751e-02	1.751e-02	-1.103e+00	1.103e+00	2.497e+00	6.551e-01	1.521e+02	-1.149e+02
El: 1 19 - C.c:	2.904e+01	-2.904e+01	1.667e+02	1.693e+02	-3.191e-01	3.191e-01	2.756e+02	-2.756e+02	3.669e+01	-6.735e+00	1.962e+03	-2.084e+03
El: 2 19 - C.c:	2.137e+01	-2.137e+01	1.281e+02	1.304e+02	-2.545e-01	2.545e-01	2.122e+02	-2.122e+02	2.927e+01	-5.388e+00	1.504e+03	-1.610e+03
El: 3 19 - C.c:	1.630e+01	-1.630e+01	1.274e+02	1.311e+02	-3.014e-01	3.014e-01	2.135e+02	-2.135e+02	3.476e+01	-6.468e+00	1.474e+03	-1.646e+03
El: 4 19 - C.c:	1.504e+01	-1.504e+01	1.272e+02	1.313e+02	-3.131e-01	3.131e-01	2.138e+02	-2.138e+02	3.613e+01	-6.738e+00	1.466e+03	-1.655e+03
El: 5 19 - C.c:	1.006e+01	-1.006e+01	1.641e+02	1.720e+02	-4.950e-01	4.950e-01	2.802e+02	-2.802e+02	5.725e+01	-1.078e+01	1.850e+03	-2.220e+03
El: 6 19 - C.c:	1.763e+01	-1.763e+01	1.656e+02	1.705e+02	-1.693e+00	1.693e+00	2.787e+02	-2.787e+02	1.028e+02	5.611e+01	1.914e+03	-2.144e+03
El: 7 19 - C.c:	2.147e+01	-2.147e+01	1.653e+02	1.708e+02	8.789e-01	-8.789e-01	2.771e+02	-2.771e+02	-8.873e+00	-7.362e+01	1.898e+03	-2.160e+03
El: 8 19 - C.c:	8.709e+00	-8.709e+00	1.264e+02	1.322e+02	-3.718e-01	3.718e-01	2.153e+02	-2.153e+02	4.298e+01	-8.088e+00	1.429e+03	-1.700e+03
El: 9 19 - C.c:	1.376e+01	-1.376e+01	1.274e+02	1.312e+02	-1.170e+00	1.170e+00	2.143e+02	-2.143e+02	7.336e+01	3.650e+01	1.472e+03	-1.650e+03
El: 10 19 - C.c:	1.632e+01	-1.632e+01	1.271e+02	1.314e+02	5.442e-01	-5.442e-01	2.132e+02	-2.132e+02	-1.098e+00	-4.998e+01	1.461e+03	-1.660e+03
El: 11 19 - C.c:	8.709e+00	-8.709e+00	1.264e+02	1.322e+02	-3.718e-01	3.718e-01	2.153e+02	-2.153e+02	4.298e+01	-8.088e+00	1.429e+03	-1.700e+03
El: 12 19 - C.c:	1.376e+01	-1.376e+01	1.274e+02	1.312e+02	-1.170e+00	1.170e+00	2.143e+02	-2.143e+02	7.336e+01	3.650e+01	1.472e+03	-1.650e+03
El: 13 19 - C.c:	1.632e+01	-1.632e+01	1.271e+02	1.314e+02	5.442e-01	-5.442e-01	2.132e+02	-2.132e+02	-1.098e+00	-4.998e+01	1.461e+03	-1.660e+03
El: 1 20 - C.c:	-1.118e+00	1.118e+00	-3.134e+00	1.118e+01	3.125e+00	-3.125e+00	5.743e+01	-5.743e+01	-1.559e+02	-2.003e+02	-9.028e+01	-7.259e+02
El: 2 20 - C.c:	-1.103e+00	1.103e+00	-2.520e+00	8.713e+00	2.278e+00	-2.278e+00	4.421e+01	-4.421e+01	-1.146e+02	-1.451e+02	-7.645e+01	-5.638e+02
El: 3 20 - C.c:	-2.368e+00	2.368e+00	-3.089e+00	9.281e+00	1.624e+00	-1.624e+00	4.439e+01	-4.439e+01	-8.696e+01	-9.822e+01	-1.128e+02	-5.923e+02
El: 4 20 - C.c:	-2.684e+00	2.684e+00	-3.231e+00	9.424e+00	1.461e+00	-1.461e+00	4.444e+01	-4.444e+01	-8.004e+01	-8.650e+01	-1.219e+02	-5.994e+02
El: 5 20 - C.c:	-5.861e+00	5.861e+00	-5.266e+00	1.332e+01	6.731e-01	-6.731e-01	5.811e+01	-5.811e+01	-5.218e+01	-2.455e+01	-2.268e+02	-8.325e+02
El: 6 20 - C.c:	-3.905e+00	3.905e+00	-4.194e+00	1.224e+01	2.450e+00	-2.450e+00	5.790e+01	-5.790e+01	-1.347e+02	-1.446e+02	-1.581e+02	-7.789e+02
El: 7 20 - C.c:	-3.075e+00	3.075e+00	-4.206e+00	1.226e+01	1.348e+00	-1.348e+00	5.764e+01	-5.764e+01	-7.343e+01	-8.028e+01	-1.590e+02	-7.794e+02
El: 8 20 - C.c:	-4.265e+00	4.265e+00	-3.942e+00	1.013e+01	6.435e-01	-6.435e-01	4.467e+01	-4.467e+01	-4.546e+01	-2.790e+01	-1.674e+02	-6.349e+02
El: 9 20 - C.c:	-2.961e+00	2.961e+00	-3.227e+00	9.420e+00	1.828e+00	-1.828e+00	4.452e+01	-4.452e+01	-1.005e+02	-1.079e+02	-1.216e+02	-5.992e+02
El: 10 20 - C.c:	-2.408e+00	2.408e+00	-3.235e+00	9.428e+00	1.094e+00	-1.094e+00	4.435e+01	-4.435e+01	-5.963e+01	-6.506e+01	-1.222e+02	-5.995e+02
El: 11 20 - C.c:	-4.265e+00	4.265e+00	-3.942e+00	1.013e+01	6.435e-01	-6.435e-01	4.467e+01	-4.467e+01	-4.546e+01	-2.790e+01	-1.674e+02	-6.349e+02
El: 20 - C.c:	-2.961e+00	2.961e+00	-3.227e+00	9.420e+00	1.828e+00	-1.828e+00	4.452e+01	-4.452e+01	-1.005e+02	-1.079e+02	-1.216e+02	-5.992e+02

COMUNE DI PRAIANO cc_g976 0007103 Uscita 07/08/2025 15:08
COMUNE DI PRAIANO cc_g976 0007619 Ingresso 09/09/2024 12:39

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
12												
El: 20 - C.c: 13	-2.408e+00	2.408e+00	-3.235e+00	9.428e+00	1.094e+00	-1.094e+00	4.435e+01	-4.435e+01	-5.963e+01	-6.506e+01	-1.222e+02	-5.995e+02
El: 21 - C.c: 1	8.993e-01	-8.993e-01	-1.916e+01	2.467e+01	-3.180e+00	3.180e+00	-8.762e+01	8.762e+01	7.787e+01	1.702e+02	-2.793e+02	-1.430e+03
El: 21 - C.c: 2	8.272e-01	-8.272e-01	-1.477e+01	1.900e+01	-2.133e+00	2.133e+00	-6.776e+01	6.776e+01	4.985e+01	1.165e+02	-2.165e+02	-1.100e+03
El: 21 - C.c: 3	1.531e+00	-1.531e+00	-1.491e+01	1.915e+01	-5.066e-01	5.066e-01	-6.965e+01	6.965e+01	-2.411e+00	4.193e+01	-2.248e+02	-1.104e+03
El: 21 - C.c: 4	1.708e+00	-1.708e+00	-1.495e+01	1.919e+01	-9.996e-02	9.996e-02	-7.012e+01	7.012e+01	-1.548e+01	2.327e+01	-2.269e+02	-1.105e+03
El: 21 - C.c: 5	3.540e+00	-3.540e+00	-1.972e+01	2.523e+01	2.920e+00	-2.920e+00	-9.470e+01	9.470e+01	-1.181e+02	-1.096e+02	-3.106e+02	-1.442e+03
El: 21 - C.c: 6	2.097e+00	-2.097e+00	-1.987e+01	2.537e+01	9.672e-01	-9.672e-01	-9.043e+01	9.043e+01	-6.833e+01	-7.107e+00	-3.141e+02	-1.450e+03
El: 21 - C.c: 7	2.342e+00	-2.342e+00	-1.901e+01	2.452e+01	-1.227e+00	1.227e+00	-9.189e+01	9.189e+01	2.809e+01	6.762e+01	-2.759e+02	-1.422e+03
El: 21 - C.c: 8	2.588e+00	-2.588e+00	-1.514e+01	1.938e+01	1.933e+00	-1.933e+00	-7.249e+01	7.249e+01	-8.080e+01	-6.999e+01	-2.373e+02	-1.109e+03
El: 21 - C.c: 9	1.626e+00	-1.626e+00	-1.524e+01	1.947e+01	6.314e-01	-6.314e-01	-6.964e+01	6.964e+01	-4.762e+01	-1.635e+00	-2.397e+02	-1.114e+03
El: 21 - C.c: 10	1.789e+00	-1.789e+00	-1.467e+01	1.890e+01	-8.314e-01	8.314e-01	-7.061e+01	7.061e+01	1.667e+01	4.818e+01	-2.142e+02	-1.095e+03
El: 21 - C.c: 11	2.588e+00	-2.588e+00	-1.514e+01	1.938e+01	1.933e+00	-1.933e+00	-7.249e+01	7.249e+01	-8.080e+01	-6.999e+01	-2.373e+02	-1.109e+03
El: 21 - C.c: 12	1.626e+00	-1.626e+00	-1.524e+01	1.947e+01	6.314e-01	-6.314e-01	-6.964e+01	6.964e+01	-4.762e+01	-1.635e+00	-2.397e+02	-1.114e+03
El: 21 - C.c: 13	1.789e+00	-1.789e+00	-1.467e+01	1.890e+01	-8.314e-01	8.314e-01	-7.061e+01	7.061e+01	1.667e+01	4.818e+01	-2.142e+02	-1.095e+03
El: 22 - C.c: 1	3.089e+01	-3.089e+01	1.637e+02	1.638e+02	5.890e-01	-5.890e-01	-3.582e+02	3.582e+02	1.336e+01	-6.722e+01	1.822e+03	-1.827e+03
El: 22 - C.c: 2	2.379e+01	-2.379e+01	1.260e+02	1.258e+02	2.951e-01	-2.951e-01	-2.754e+02	2.754e+02	1.548e+01	-4.247e+01	1.407e+03	-1.399e+03
El: 22 - C.c: 3	2.397e+01	-2.397e+01	1.267e+02	1.251e+02	-5.262e-01	5.262e-01	-2.743e+02	2.743e+02	4.256e+01	5.561e+00	1.438e+03	-1.365e+03
El: 22 - C.c: 4	2.401e+01	-2.401e+01	1.269e+02	1.250e+02	-7.316e-01	7.316e-01	-2.740e+02	2.740e+02	4.933e+01	1.757e+01	1.445e+03	-1.357e+03
El: 22 - C.c: 5	3.155e+01	-3.155e+01	1.663e+02	1.611e+02	-2.491e+00	2.491e+00	-3.543e+02	3.543e+02	1.149e+02	1.129e+02	1.936e+03	-1.701e+03
El: 22 - C.c: 6	3.263e+01	-3.263e+01	1.648e+02	1.626e+02	-2.279e+00	2.279e+00	-3.550e+02	3.550e+02	1.386e+02	6.986e+01	1.871e+03	-1.772e+03
El: 22 - C.c: 7	2.980e+01	-2.980e+01	1.651e+02	1.623e+02	3.773e-01	-3.773e-01	-3.575e+02	3.575e+02	-1.031e+01	-2.419e+01	1.887e+03	-1.756e+03
El: 22 - C.c: 8	2.423e+01	-2.423e+01	1.278e+02	1.241e+02	-1.758e+00	1.758e+00	-2.727e+02	2.727e+02	8.318e+01	7.760e+01	1.484e+03	-1.315e+03
El: 22 - C.c: 9	2.496e+01	-2.496e+01	1.268e+02	1.251e+02	-1.617e+00	1.617e+00	-2.732e+02	2.732e+02	9.896e+01	4.892e+01	1.440e+03	-1.362e+03
El: 22 - C.c: 10	2.307e+01	-2.307e+01	1.270e+02	1.248e+02	1.540e-01	-1.540e-01	-2.749e+02	2.749e+02	-2.984e-01	-1.378e+01	1.451e+03	-1.351e+03
El: 22 - C.c: 11	2.423e+01	-2.423e+01	1.278e+02	1.241e+02	-1.758e+00	1.758e+00	-2.727e+02	2.727e+02	8.318e+01	7.760e+01	1.484e+03	-1.315e+03
El: 22 - C.c: 12	2.496e+01	-2.496e+01	1.268e+02	1.251e+02	-1.617e+00	1.617e+00	-2.732e+02	2.732e+02	9.896e+01	4.892e+01	1.440e+03	-1.362e+03
El: 22 - C.c: 13	2.307e+01	-2.307e+01	1.270e+02	1.248e+02	1.540e-01	-1.540e-01	-2.749e+02	2.749e+02	-2.984e-01	-1.378e+01	1.451e+03	-1.351e+03
El: 23 - C.c: 1	3.825e+01	-3.825e+01	1.839e+02	2.100e+02	-1.802e+00	1.802e+00	7.423e+00	-7.423e+00	1.184e+02	7.980e+01	2.413e+03	-3.847e+03
El: 23 - C.c: 2	2.932e+01	-2.932e+01	1.415e+02	1.615e+02	-1.186e+00	1.186e+00	6.109e+00	-6.109e+00	8.047e+01	5.001e+01	1.856e+03	-2.959e+03
El: 23 - C.c: 3	2.881e+01	-2.881e+01	1.415e+02	1.615e+02	-1.473e-01	1.473e-01	8.186e+00	-8.186e+00	2.535e+01	-9.145e+00	1.856e+03	-2.956e+03
El: 23 - C.c: 4	2.868e+01	-2.868e+01	1.415e+02	1.615e+02	1.124e-01	-1.124e-01	8.705e+00	-8.705e+00	1.157e+01	-2.393e+01	1.855e+03	-2.955e+03
El: 23 - C.c: 5	3.633e+01	-3.633e+01	1.840e+02	2.099e+02	2.094e+00	-2.094e+00	1.521e+01	-1.521e+01	-8.830e+01	-1.420e+02	2.411e+03	-3.837e+03
El: 23 - C.c: 6	3.346e+01	-3.346e+01	1.839e+02	2.099e+02	-4.261e-01	4.261e-01	1.191e+01	-1.191e+01	5.022e+01	-3.340e+00	2.411e+03	-3.841e+03
El: 23 - C.c: 7	4.111e+01	-4.111e+01	1.839e+02	2.099e+02	7.183e-01	-7.183e-01	1.072e+01	-1.072e+01	-2.013e+01	-5.888e+01	2.413e+03	-3.844e+03
El: 23 - C.c: 8	2.804e+01	-2.804e+01	1.415e+02	1.615e+02	1.411e+00	-1.411e+00	1.130e+01	-1.130e+01	-5.733e+01	-9.787e+01	1.855e+03	-2.952e+03
El: 23 - C.c: 9	2.613e+01	-2.613e+01	1.415e+02	1.615e+02	-2.691e-01	2.691e-01	9.103e+00	-9.103e+00	3.502e+01	-5.418e+00	1.855e+03	-2.954e+03
El: 23 - C.c: 10	3.123e+01	-3.123e+01	1.415e+02	1.615e+02	4.938e-01	-4.938e-01	8.306e+00	-8.306e+00	-1.187e+01	-4.245e+01	1.856e+03	-2.956e+03
El: 23 - C.c: 11	2.804e+01	-2.804e+01	1.415e+02	1.615e+02	1.411e+00	-1.411e+00	1.130e+01	-1.130e+01	-5.733e+01	-9.787e+01	1.855e+03	-2.952e+03
El: 23 - C.c: 12	2.613e+01	-2.613e+01	1.415e+02	1.615e+02	-2.691e-01	2.691e-01	9.103e+00	-9.103e+00	3.502e+01	-5.418e+00	1.855e+03	-2.954e+03

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 13 23 - C.c:	3.123e+01	-3.123e+01	1.415e+02	1.615e+02	4.938e-01	-4.938e-01	8.306e+00	-8.306e+00	-1.187e+01	-4.245e+01	1.856e+03	-2.956e+03
El: 1 24 - C.c:	9.815e+00	-9.815e+00	2.253e+00	1.046e+01	1.247e+00	-1.247e+00	-2.883e+01	2.883e+01	-1.065e+02	-1.179e+02	-2.913e+01	-7.094e+02
El: 2 24 - C.c:	7.463e+00	-7.463e+00	1.756e+00	8.022e+00	9.043e-01	-9.043e-01	-2.210e+01	2.210e+01	-7.697e+01	-8.581e+01	-2.060e+01	-5.434e+02
El: 3 24 - C.c:	7.013e+00	-7.013e+00	1.874e+00	7.904e+00	6.200e-01	-6.200e-01	-2.169e+01	2.169e+01	-5.125e+01	-6.034e+01	-1.121e+01	-5.315e+02
El: 4 24 - C.c:	6.901e+00	-6.901e+00	1.903e+00	7.874e+00	5.489e-01	-5.489e-01	-2.159e+01	2.159e+01	-4.482e+01	-5.398e+01	-8.860e+00	-5.285e+02
El: 5 24 - C.c:	8.127e+00	-8.127e+00	2.696e+00	1.001e+01	1.803e-01	-1.803e-01	-2.731e+01	2.731e+01	-1.005e+01	-2.241e+01	6.095e+00	-6.647e+02
El: 6 24 - C.c:	9.923e+00	-9.923e+00	2.432e+00	1.028e+01	1.881e+00	-1.881e+00	-2.208e+01	2.208e+01	-1.561e+02	-1.825e+02	-1.554e+01	-6.906e+02
El: 7 24 - C.c:	8.019e+00	-8.019e+00	2.517e+00	1.019e+01	-4.540e-01	4.540e-01	-3.405e+01	3.405e+01	3.953e+01	4.220e+01	-7.497e+00	-6.834e+02
El: 8 24 - C.c:	6.338e+00	-6.338e+00	2.051e+00	7.726e+00	1.934e-01	-1.934e-01	-2.108e+01	2.108e+01	-1.268e+01	-2.214e+01	2.882e+00	-5.136e+02
El: 9 24 - C.c:	7.535e+00	-7.535e+00	1.875e+00	7.902e+00	1.327e+00	-1.327e+00	-1.760e+01	1.760e+01	-1.100e+02	-1.289e+02	-1.154e+01	-5.309e+02
El: 10 24 - C.c:	6.266e+00	-6.266e+00	1.932e+00	7.846e+00	-2.295e-01	2.295e-01	-2.558e+01	2.558e+01	2.037e+01	2.093e+01	-6.179e+00	-5.261e+02
El: 11 24 - C.c:	6.338e+00	-6.338e+00	2.051e+00	7.726e+00	1.934e-01	-1.934e-01	-2.108e+01	2.108e+01	-1.268e+01	-2.214e+01	2.882e+00	-5.136e+02
El: 12 24 - C.c:	7.535e+00	-7.535e+00	1.875e+00	7.902e+00	1.327e+00	-1.327e+00	-1.760e+01	1.760e+01	-1.100e+02	-1.289e+02	-1.154e+01	-5.309e+02
El: 13 24 - C.c:	6.266e+00	-6.266e+00	1.932e+00	7.846e+00	-2.295e-01	2.295e-01	-2.558e+01	2.558e+01	2.037e+01	2.093e+01	-6.179e+00	-5.261e+02
El: 1 25 - C.c:	5.164e+01	-5.164e+01	2.003e+02	1.935e+02	-2.974e+00	2.974e+00	-2.521e+01	2.521e+01	1.473e+02	1.798e+02	2.987e+03	-2.613e+03
El: 2 25 - C.c:	3.972e+01	-3.972e+01	1.541e+02	1.489e+02	-2.103e+00	2.103e+00	-1.887e+01	1.887e+01	1.031e+02	1.282e+02	2.298e+03	-2.010e+03
El: 3 25 - C.c:	3.971e+01	-3.971e+01	1.541e+02	1.488e+02	-1.142e+00	1.142e+00	-1.617e+01	1.617e+01	4.981e+01	7.578e+01	2.300e+03	-2.009e+03
El: 4 25 - C.c:	3.971e+01	-3.971e+01	1.541e+02	1.488e+02	-9.015e-01	9.015e-01	-1.550e+01	1.550e+01	3.649e+01	6.267e+01	2.301e+03	-2.009e+03
El: 5 25 - C.c:	5.160e+01	-5.160e+01	2.004e+02	1.934e+02	6.304e-01	-6.304e-01	-1.509e+01	1.509e+01	-5.246e+01	-1.688e+01	2.994e+03	-2.609e+03
El: 6 25 - C.c:	5.290e+01	-5.290e+01	1.999e+02	1.940e+02	-3.400e+00	3.400e+00	-1.964e+01	1.964e+01	1.733e+02	2.007e+02	2.978e+03	-2.651e+03
El: 7 25 - C.c:	5.034e+01	-5.034e+01	2.009e+02	1.930e+02	1.056e+00	-1.056e+00	-2.066e+01	2.066e+01	-7.837e+01	-3.777e+01	3.003e+03	-2.572e+03
El: 8 25 - C.c:	3.970e+01	-3.970e+01	1.542e+02	1.488e+02	3.001e-01	-3.001e-01	-1.213e+01	1.213e+01	-3.011e+01	-2.899e+00	2.303e+03	-2.007e+03
El: 9 25 - C.c:	4.056e+01	-4.056e+01	1.538e+02	1.491e+02	-2.387e+00	2.387e+00	-1.516e+01	1.516e+01	1.204e+02	1.422e+02	2.292e+03	-2.035e+03
El: 10 25 - C.c:	3.885e+01	-3.885e+01	1.545e+02	1.485e+02	5.837e-01	-5.837e-01	-1.584e+01	1.584e+01	-4.738e+01	-1.682e+01	2.309e+03	-1.982e+03
El: 11 25 - C.c:	3.970e+01	-3.970e+01	1.542e+02	1.488e+02	3.001e-01	-3.001e-01	-1.213e+01	1.213e+01	-3.011e+01	-2.899e+00	2.303e+03	-2.007e+03
El: 12 25 - C.c:	4.056e+01	-4.056e+01	1.538e+02	1.491e+02	-2.387e+00	2.387e+00	-1.516e+01	1.516e+01	1.204e+02	1.422e+02	2.292e+03	-2.035e+03
El: 13 25 - C.c:	3.885e+01	-3.885e+01	1.545e+02	1.485e+02	5.837e-01	-5.837e-01	-1.584e+01	1.584e+01	-4.738e+01	-1.682e+01	2.309e+03	-1.982e+03
El: 1 26 - C.c:	9.398e+00	-9.398e+00	1.057e+01	2.137e+00	1.975e+00	-1.975e+00	1.262e+02	-1.262e+02	-1.853e+02	-1.701e+02	6.938e+02	6.546e+01
El: 2 26 - C.c:	5.586e+00	-5.586e+00	8.085e+00	1.692e+00	1.474e+00	-1.474e+00	9.699e+01	-9.699e+01	-1.387e+02	-1.266e+02	5.292e+02	4.614e+01
El: 3 26 - C.c:	-2.961e+00	2.961e+00	7.833e+00	1.944e+00	1.239e+00	-1.239e+00	9.648e+01	-9.648e+01	-1.187e+02	-1.044e+02	5.058e+02	2.422e+01
El: 4 26 - C.c:	-5.097e+00	5.097e+00	7.770e+00	2.007e+00	1.180e+00	-1.180e+00	9.635e+01	-9.635e+01	-1.137e+02	-9.880e+01	4.999e+02	1.875e+01
El: 5 26 - C.c:	-2.265e+01	2.265e+01	9.629e+00	3.082e+00	1.094e+00	-1.094e+00	1.243e+02	-1.243e+02	-1.102e+02	-8.675e+01	6.060e+02	-1.673e+01
El: 6 26 - C.c:	-7.566e+00	7.566e+00	1.009e+01	2.621e+00	2.713e+00	-2.713e+00	1.243e+02	-1.243e+02	-2.654e+02	-2.230e+02	6.486e+02	2.360e+01
El: 7 26 - C.c:	-5.687e+00	5.687e+00	1.011e+01	2.598e+00	3.558e-01	-3.558e-01	1.262e+02	-1.262e+02	-3.012e+01	-3.392e+01	6.512e+02	2.514e+01
El: 8 26 - C.c:	-1.578e+01	1.578e+01	7.455e+00	2.322e+00	8.868e-01	-8.868e-01	9.572e+01	-9.572e+01	-8.862e+01	-7.100e+01	4.706e+02	-8.652e+00
El: 9 26 - C.c:	-5.723e+00	5.723e+00	7.762e+00	2.015e+00	1.966e+00	-1.966e+00	9.570e+01	-9.570e+01	-1.921e+02	-1.618e+02	4.990e+02	1.823e+01
El: 10 26 - C.c:	-4.471e+00	4.471e+00	7.778e+00	1.999e+00	3.946e-01	-3.946e-01	9.701e+01	-9.701e+01	-3.524e+01	-3.579e+01	5.008e+02	1.926e+01
El: 11 26 - C.c:	-1.578e+01	1.578e+01	7.455e+00	2.322e+00	8.868e-01	-8.868e-01	9.572e+01	-9.572e+01	-8.862e+01	-7.100e+01	4.706e+02	-8.652e+00
El: 12 26 - C.c:	-5.723e+00	5.723e+00	7.762e+00	2.015e+00	1.966e+00	-1.966e+00	9.570e+01	-9.570e+01	-1.921e+02	-1.618e+02	4.990e+02	1.823e+01
El: 26 - C.c:	-4.471e+00	4.471e+00	7.778e+00	1.999e+00	3.946e-01	-3.946e-01	9.701e+01	-9.701e+01	-3.524e+01	-3.579e+01	5.008e+02	1.926e+01

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Elem./C.c.		Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
13													
El: 1	27 - C.c:	2.783e+00	-2.783e+00	-3.123e+00	1.117e+01	2.319e+00	-2.319e+00	-1.068e+01	1.068e+01	-1.214e+02	-1.429e+02	-7.576e+01	-7.391e+02
El: 2	27 - C.c:	1.812e+00	-1.812e+00	-2.495e+00	8.687e+00	1.710e+00	-1.710e+00	-8.361e+00	8.361e+00	-8.950e+01	-1.054e+02	-6.433e+01	-5.730e+02
El: 3	27 - C.c:	1.057e-01	-1.057e-01	-2.976e+00	9.169e+00	1.325e+00	-1.325e+00	-9.122e+00	9.122e+00	-6.921e+01	-8.181e+01	-9.583e+01	-5.964e+02
El: 4	27 - C.c:	-3.209e-01	3.209e-01	-3.096e+00	9.289e+00	1.228e+00	-1.228e+00	-9.313e+00	9.313e+00	-6.413e+01	-7.591e+01	-1.037e+02	-6.023e+02
El: 5	27 - C.c:	-3.617e+00	3.617e+00	-4.928e+00	1.298e+01	8.751e-01	-8.751e-01	-1.353e+01	1.353e+01	-4.532e+01	-5.444e+01	-1.939e+02	-8.268e+02
El: 6	27 - C.c:	1.559e-01	-1.559e-01	-3.967e+00	1.202e+01	2.154e+00	-2.154e+00	-1.292e+01	1.292e+01	-1.111e+02	-1.344e+02	-1.311e+02	-7.800e+02
El: 7	27 - C.c:	-9.904e-01	9.904e-01	-4.083e+00	1.213e+01	1.040e+00	-1.040e+00	-1.130e+01	1.130e+01	-5.561e+01	-6.300e+01	-1.385e+02	-7.858e+02
El: 8	27 - C.c:	-2.454e+00	2.454e+00	-3.698e+00	9.891e+00	7.472e-01	-7.472e-01	-1.026e+01	1.026e+01	-3.876e+01	-4.642e+01	-1.431e+02	-6.315e+02
El: 9	27 - C.c:	6.115e-02	-6.115e-02	-3.058e+00	9.250e+00	1.599e+00	-1.599e+00	-9.852e+00	9.852e+00	-8.264e+01	-9.970e+01	-1.012e+02	-6.003e+02
El: 10	27 - C.c:	-7.030e-01	7.030e-01	-3.135e+00	9.328e+00	8.574e-01	-8.574e-01	-8.773e+00	8.773e+00	-4.562e+01	-5.212e+01	-1.062e+02	-6.042e+02
El: 11	27 - C.c:	-2.454e+00	2.454e+00	-3.698e+00	9.891e+00	7.472e-01	-7.472e-01	-1.026e+01	1.026e+01	-3.876e+01	-4.642e+01	-1.431e+02	-6.315e+02
El: 12	27 - C.c:	6.115e-02	-6.115e-02	-3.058e+00	9.250e+00	1.599e+00	-1.599e+00	-9.852e+00	9.852e+00	-8.264e+01	-9.970e+01	-1.012e+02	-6.003e+02
El: 13	27 - C.c:	-7.030e-01	7.030e-01	-3.135e+00	9.328e+00	8.574e-01	-8.574e-01	-8.773e+00	8.773e+00	-4.562e+01	-5.212e+01	-1.062e+02	-6.042e+02
El: 1	28 - C.c:	4.782e+01	-4.782e+01	2.009e+02	1.930e+02	-1.904e+00	1.904e+00	-6.522e+00	6.522e+00	1.029e+02	1.066e+02	2.967e+03	-2.533e+03
El: 2	28 - C.c:	3.671e+01	-3.671e+01	1.545e+02	1.485e+02	-1.391e+00	1.391e+00	-5.153e+00	5.153e+00	7.482e+01	7.822e+01	2.282e+03	-1.948e+03
El: 3	28 - C.c:	3.632e+01	-3.632e+01	1.545e+02	1.485e+02	-1.010e+00	1.010e+00	-5.860e+00	5.860e+00	5.237e+01	5.872e+01	2.282e+03	-1.949e+03
El: 4	28 - C.c:	3.622e+01	-3.622e+01	1.545e+02	1.485e+02	-9.146e-01	9.146e-01	-6.037e+00	6.037e+00	4.675e+01	5.385e+01	2.282e+03	-1.949e+03
El: 5	28 - C.c:	4.636e+01	-4.636e+01	2.009e+02	1.930e+02	-4.738e-01	4.738e-01	-9.175e+00	9.175e+00	1.867e+01	3.345e+01	2.966e+03	-2.534e+03
El: 6	28 - C.c:	4.900e+01	-4.900e+01	2.006e+02	1.932e+02	-1.653e+00	1.653e+00	-8.084e+00	8.084e+00	8.473e+01	9.709e+01	2.954e+03	-2.548e+03
El: 7	28 - C.c:	4.518e+01	-4.518e+01	2.011e+02	1.928e+02	-7.249e-01	7.249e-01	-7.612e+00	7.612e+00	3.682e+01	4.291e+01	2.979e+03	-2.519e+03
El: 8	28 - C.c:	3.574e+01	-3.574e+01	1.545e+02	1.485e+02	-4.378e-01	4.378e-01	-6.921e+00	6.921e+00	1.868e+01	2.948e+01	2.282e+03	-1.949e+03
El: 9	28 - C.c:	3.750e+01	-3.750e+01	1.544e+02	1.486e+02	-1.224e+00	1.224e+00	-6.194e+00	6.194e+00	6.272e+01	7.191e+01	2.274e+03	-1.958e+03
El: 10	28 - C.c:	3.495e+01	-3.495e+01	1.547e+02	1.483e+02	-6.052e-01	6.052e-01	-5.880e+00	5.880e+00	3.078e+01	3.579e+01	2.290e+03	-1.939e+03
El: 11	28 - C.c:	3.574e+01	-3.574e+01	1.545e+02	1.485e+02	-4.378e-01	4.378e-01	-6.921e+00	6.921e+00	1.868e+01	2.948e+01	2.282e+03	-1.949e+03
El: 12	28 - C.c:	3.750e+01	-3.750e+01	1.544e+02	1.486e+02	-1.224e+00	1.224e+00	-6.194e+00	6.194e+00	6.272e+01	7.191e+01	2.274e+03	-1.958e+03
El: 13	28 - C.c:	3.495e+01	-3.495e+01	1.547e+02	1.483e+02	-6.052e-01	6.052e-01	-5.880e+00	5.880e+00	3.078e+01	3.579e+01	2.290e+03	-1.939e+03
El: 1	29 - C.c:	-8.228e+01	8.228e+01	4.002e+00	3.895e+00	4.627e+00	-4.627e+00	1.200e+02	-1.200e+02	-2.522e+02	-2.652e+02	2.982e+02	-2.922e+02
El: 2	29 - C.c:	-6.247e+01	6.247e+01	2.987e+00	3.088e+00	3.439e+00	-3.439e+00	9.170e+01	-9.170e+01	-1.872e+02	-1.973e+02	2.240e+02	-2.297e+02
El: 3	29 - C.c:	-5.817e+01	5.817e+01	2.509e+00	3.566e+00	2.810e+00	-2.810e+00	8.863e+01	-8.863e+01	-1.517e+02	-1.625e+02	1.960e+02	-2.550e+02
El: 4	29 - C.c:	-5.709e+01	5.709e+01	2.390e+00	3.685e+00	2.653e+00	-2.653e+00	8.787e+01	-8.787e+01	-1.429e+02	-1.538e+02	1.890e+02	-2.614e+02
El: 5	29 - C.c:	-6.616e+01	6.616e+01	2.211e+00	5.686e+00	2.270e+00	-2.270e+00	1.085e+02	-1.085e+02	-1.192e+02	-1.346e+02	1.931e+02	-3.874e+02
El: 6	29 - C.c:	-1.064e+02	1.064e+02	2.760e+00	5.137e+00	2.651e+00	-2.651e+00	1.235e+02	-1.235e+02	-1.591e+02	-1.374e+02	2.269e+02	-3.599e+02
El: 7	29 - C.c:	-4.207e+01	4.207e+01	3.454e+00	4.443e+00	4.246e+00	-4.246e+00	1.050e+02	-1.050e+02	-2.124e+02	-2.624e+02	2.644e+02	-3.198e+02
El: 8	29 - C.c:	-5.172e+01	5.172e+01	1.793e+00	4.282e+00	1.867e+00	-1.867e+00	8.403e+01	-8.403e+01	-9.854e+01	-1.102e+02	1.539e+02	-2.931e+02
El: 9	29 - C.c:	-7.853e+01	7.853e+01	2.158e+00	3.916e+00	2.121e+00	-2.121e+00	9.402e+01	-9.402e+01	-1.251e+02	-1.121e+02	1.765e+02	-2.748e+02
El: 10	29 - C.c:	-3.566e+01	3.566e+01	2.621e+00	3.454e+00	3.184e+00	-3.184e+00	8.171e+01	-8.171e+01	-1.606e+02	-1.954e+02	2.015e+02	-2.480e+02
El: 11	29 - C.c:	-5.172e+01	5.172e+01	1.793e+00	4.282e+00	1.867e+00	-1.867e+00	8.403e+01	-8.403e+01	-9.854e+01	-1.102e+02	1.539e+02	-2.931e+02
El: 12	29 - C.c:	-7.853e+01	7.853e+01	2.158e+00	3.916e+00	2.121e+00	-2.121e+00	9.402e+01	-9.402e+01	-1.251e+02	-1.121e+02	1.765e+02	-2.748e+02
El: 13	29 - C.c:	-3.566e+01	3.566e+01	2.621e+00	3.454e+00	3.184e+00	-3.184e+00	8.171e+01	-8.171e+01	-1.606e+02	-1.954e+02	2.015e+02	-2.480e+02

COMUNE DI PRAIANO c_g976 0007113 Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 Ingresso 09/09/2024 12:39

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 1 30 - C.c:	5.143e+01	-5.143e+01	1.995e+02	2.044e+02	-7.053e-01	7.053e-01	1.352e+02	-1.352e+02	3.250e+01	4.706e+01	2.593e+03	-2.869e+03
El: 2 30 - C.c:	3.931e+01	-3.931e+01	1.534e+02	1.573e+02	-4.330e-01	4.330e-01	1.041e+02	-1.041e+02	1.726e+01	3.158e+01	1.993e+03	-2.210e+03
El: 3 30 - C.c:	3.797e+01	-3.797e+01	1.532e+02	1.575e+02	1.369e-01	-1.369e-01	1.046e+02	-1.046e+02	-2.302e+01	7.581e+00	1.985e+03	-2.226e+03
El: 4 30 - C.c:	3.764e+01	-3.764e+01	1.532e+02	1.575e+02	2.793e-01	-2.793e-01	1.047e+02	-1.047e+02	-3.309e+01	1.580e+00	1.983e+03	-2.230e+03
El: 5 30 - C.c:	4.643e+01	-4.643e+01	1.987e+02	2.052e+02	1.432e+00	-1.432e+00	1.370e+02	-1.370e+02	-1.185e+02	-4.295e+01	2.562e+03	-2.929e+03
El: 6 30 - C.c:	4.460e+01	-4.460e+01	1.999e+02	2.040e+02	6.757e-01	-6.757e-01	1.393e+02	-1.393e+02	-5.880e+01	-1.742e+01	2.618e+03	-2.849e+03
El: 7 30 - C.c:	5.326e+01	-5.326e+01	1.983e+02	2.056e+02	5.059e-02	-5.059e-02	1.329e+02	-1.329e+02	-2.723e+01	2.153e+01	2.537e+03	-2.949e+03
El: 8 30 - C.c:	3.597e+01	-3.597e+01	1.529e+02	1.578e+02	9.916e-01	-9.916e-01	1.053e+02	-1.053e+02	-8.344e+01	-2.842e+01	1.972e+03	-2.250e+03
El: 9 30 - C.c:	3.475e+01	-3.475e+01	1.537e+02	1.570e+02	4.877e-01	-4.877e-01	1.068e+02	-1.068e+02	-4.361e+01	-1.140e+01	2.010e+03	-2.197e+03
El: 10 30 - C.c:	4.052e+01	-4.052e+01	1.526e+02	1.581e+02	7.097e-02	-7.097e-02	1.026e+02	-1.026e+02	-2.257e+01	1.456e+01	1.956e+03	-2.263e+03
El: 11 30 - C.c:	3.597e+01	-3.597e+01	1.529e+02	1.578e+02	9.916e-01	-9.916e-01	1.053e+02	-1.053e+02	-8.344e+01	-2.842e+01	1.972e+03	-2.250e+03
El: 12 30 - C.c:	3.475e+01	-3.475e+01	1.537e+02	1.570e+02	4.877e-01	-4.877e-01	1.068e+02	-1.068e+02	-4.361e+01	-1.140e+01	2.010e+03	-2.197e+03
El: 13 30 - C.c:	4.052e+01	-4.052e+01	1.526e+02	1.581e+02	7.097e-02	-7.097e-02	1.026e+02	-1.026e+02	-2.257e+01	1.456e+01	1.956e+03	-2.263e+03
El: 1 31 - C.c:	1.297e+01	-1.297e+01	3.998e+00	5.627e+00	2.479e+00	-2.479e+00	-2.582e+01	2.582e+01	-1.609e+02	-1.770e+02	-6.307e+01	-4.796e+01
El: 2 31 - C.c:	1.024e+01	-1.024e+01	3.108e+00	4.297e+00	1.803e+00	-1.803e+00	-1.961e+01	1.961e+01	-1.156e+02	-1.302e+02	-4.606e+01	-3.500e+01
El: 3 31 - C.c:	1.157e+01	-1.157e+01	3.274e+00	4.131e+00	1.261e+00	-1.261e+00	-1.832e+01	1.832e+01	-7.288e+01	-9.904e+01	-3.328e+01	-2.513e+01
El: 4 31 - C.c:	1.191e+01	-1.191e+01	3.315e+00	4.089e+00	1.126e+00	-1.126e+00	-1.800e+01	1.800e+01	-6.220e+01	-9.126e+01	-3.009e+01	-2.267e+01
El: 5 31 - C.c:	1.799e+01	-1.799e+01	4.621e+00	5.005e+00	4.485e-01	-4.485e-01	-2.097e+01	2.097e+01	-8.308e-01	-6.030e+01	-1.516e+01	-1.098e+01
El: 6 31 - C.c:	2.034e+01	-2.034e+01	4.237e+00	5.388e+00	1.146e+00	-1.146e+00	-2.695e+01	2.695e+01	-4.795e+01	-1.082e+02	-4.452e+01	-3.393e+01
El: 7 31 - C.c:	1.062e+01	-1.062e+01	4.382e+00	5.244e+00	1.782e+00	-1.782e+00	-1.984e+01	1.984e+01	-1.138e+02	-1.291e+02	-3.372e+01	-2.501e+01
El: 8 31 - C.c:	1.358e+01	-1.358e+01	3.523e+00	3.882e+00	4.491e-01	-4.491e-01	-1.638e+01	1.638e+01	-8.848e+00	-5.237e+01	-1.412e+01	-1.034e+01
El: 9 31 - C.c:	1.515e+01	-1.515e+01	3.267e+00	4.137e+00	9.138e-01	-9.138e-01	-2.036e+01	2.036e+01	-4.026e+01	-8.430e+01	-3.369e+01	-2.564e+01
El: 10 31 - C.c:	8.669e+00	-8.669e+00	3.363e+00	4.041e+00	1.338e+00	-1.338e+00	-1.563e+01	1.563e+01	-8.415e+01	-9.822e+01	-2.649e+01	-1.970e+01
El: 11 31 - C.c:	1.358e+01	-1.358e+01	3.523e+00	3.882e+00	4.491e-01	-4.491e-01	-1.638e+01	1.638e+01	-8.848e+00	-5.237e+01	-1.412e+01	-1.034e+01
El: 12 31 - C.c:	1.515e+01	-1.515e+01	3.267e+00	4.137e+00	9.138e-01	-9.138e-01	-2.036e+01	2.036e+01	-4.026e+01	-8.430e+01	-3.369e+01	-2.564e+01
El: 13 31 - C.c:	8.669e+00	-8.669e+00	3.363e+00	4.041e+00	1.338e+00	-1.338e+00	-1.563e+01	1.563e+01	-8.415e+01	-9.822e+01	-2.649e+01	-1.970e+01
El: 1 32 - C.c:	9.308e+00	-9.308e+00	-4.922e+00	8.544e+00	-3.929e+00	3.929e+00	7.920e+00	-7.920e+00	1.093e+02	9.219e+01	-4.444e+02	9.910e+01
El: 2 32 - C.c:	7.321e+00	-7.321e+00	-3.937e+00	6.723e+00	-2.823e+00	2.823e+00	6.240e+00	-6.240e+00	7.978e+01	6.498e+01	-3.459e+02	7.256e+01
El: 3 32 - C.c:	8.157e+00	-8.157e+00	-4.718e+00	7.504e+00	-1.784e+00	1.784e+00	7.004e+00	-7.004e+00	5.735e+01	3.415e+01	-3.668e+02	5.346e+01
El: 4 32 - C.c:	8.366e+00	-8.366e+00	-4.913e+00	7.699e+00	-1.524e+00	1.524e+00	7.195e+00	-7.195e+00	5.174e+01	2.644e+01	-3.721e+02	4.868e+01
El: 5 32 - C.c:	1.244e+01	-1.244e+01	-7.851e+00	1.147e+01	-3.445e-02	3.445e-02	1.079e+01	-1.079e+01	2.520e+01	-2.343e+01	-5.230e+02	2.748e+01
El: 6 32 - C.c:	1.571e+01	-1.571e+01	-7.344e+00	1.097e+01	-1.968e+00	1.968e+00	1.028e+01	-1.028e+01	5.006e+01	5.089e+01	-5.073e+02	3.776e+01
El: 7 32 - C.c:	6.038e+00	-6.038e+00	-5.430e+00	9.051e+00	-1.995e+00	1.995e+00	8.426e+00	-8.426e+00	8.447e+01	1.786e+01	-4.602e+02	8.881e+01
El: 8 32 - C.c:	9.411e+00	-9.411e+00	-5.889e+00	8.675e+00	-2.262e-01	2.262e-01	8.150e+00	-8.150e+00	2.370e+01	-1.210e+01	-3.983e+02	2.481e+01
El: 9 32 - C.c:	1.159e+01	-1.159e+01	-5.551e+00	8.337e+00	-1.515e+00	1.515e+00	7.813e+00	-7.813e+00	4.027e+01	3.745e+01	-3.878e+02	3.167e+01
El: 10 32 - C.c:	5.141e+00	-5.141e+00	-4.275e+00	7.061e+00	-1.534e+00	1.534e+00	6.577e+00	-6.577e+00	6.321e+01	1.544e+01	-3.564e+02	6.570e+01
El: 11 32 - C.c:	9.411e+00	-9.411e+00	-5.889e+00	8.675e+00	-2.262e-01	2.262e-01	8.150e+00	-8.150e+00	2.370e+01	-1.210e+01	-3.983e+02	2.481e+01
El: 12 32 - C.c:	1.159e+01	-1.159e+01	-5.551e+00	8.337e+00	-1.515e+00	1.515e+00	7.813e+00	-7.813e+00	4.027e+01	3.745e+01	-3.878e+02	3.167e+01
El: 13 32 - C.c:	5.141e+00	-5.141e+00	-4.275e+00	7.061e+00	-1.534e+00	1.534e+00	6.577e+00	-6.577e+00	6.321e+01	1.544e+01	-3.564e+02	6.570e+01
El: 33 - C.c:	4.009e+01	-4.009e+01	1.951e+02	1.999e+02	-5.639e-01	5.639e-01	-1.493e+02	1.493e+02	2.765e+01	3.456e+01	2.423e+03	-2.690e+03

COMUNE DI PRAIANO c_g976 0007193 Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 Ingresso 09/09/2024 12:39

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
1												
El: 33 - C.c: 2	3.135e+01	-3.135e+01	1.500e+02	1.539e+02	-2.990e-01	2.990e-01	-1.144e+02	1.144e+02	1.261e+01	2.037e+01	1.861e+03	-2.074e+03
El: 33 - C.c: 3	3.405e+01	-3.405e+01	1.496e+02	1.542e+02	4.021e-01	-4.021e-01	-1.123e+02	1.123e+02	-3.244e+01	-1.193e+01	1.843e+03	-2.099e+03
El: 33 - C.c: 4	3.473e+01	-3.473e+01	1.495e+02	1.543e+02	5.774e-01	-5.774e-01	-1.117e+02	1.117e+02	-4.370e+01	-2.001e+01	1.839e+03	-2.105e+03
El: 33 - C.c: 5	5.020e+01	-5.020e+01	1.937e+02	2.014e+02	2.065e+00	-2.065e+00	-1.412e+02	1.412e+02	-1.413e+02	-8.658e+01	2.357e+03	-2.783e+03
El: 33 - C.c: 6	4.231e+01	-4.231e+01	1.950e+02	2.000e+02	6.652e-01	-6.652e-01	-1.442e+02	1.442e+02	-5.804e+01	-1.534e+01	2.421e+03	-2.694e+03
El: 33 - C.c: 7	4.798e+01	-4.798e+01	1.937e+02	2.013e+02	8.361e-01	-8.361e-01	-1.463e+02	1.463e+02	-5.557e+01	-3.667e+01	2.359e+03	-2.778e+03
El: 33 - C.c: 8	3.810e+01	-3.810e+01	1.490e+02	1.548e+02	1.454e+00	-1.454e+00	-1.090e+02	1.090e+02	-1.000e+02	-6.039e+01	1.817e+03	-2.136e+03
El: 33 - C.c: 9	3.283e+01	-3.283e+01	1.500e+02	1.539e+02	5.204e-01	-5.204e-01	-1.110e+02	1.110e+02	-4.452e+01	-1.289e+01	1.859e+03	-2.077e+03
El: 33 - C.c: 10	3.662e+01	-3.662e+01	1.491e+02	1.548e+02	6.344e-01	-6.344e-01	-1.124e+02	1.124e+02	-4.287e+01	-2.712e+01	1.818e+03	-2.133e+03
El: 33 - C.c: 11	3.810e+01	-3.810e+01	1.490e+02	1.548e+02	1.454e+00	-1.454e+00	-1.090e+02	1.090e+02	-1.000e+02	-6.039e+01	1.817e+03	-2.136e+03
El: 33 - C.c: 12	3.283e+01	-3.283e+01	1.500e+02	1.539e+02	5.204e-01	-5.204e-01	-1.110e+02	1.110e+02	-4.452e+01	-1.289e+01	1.859e+03	-2.077e+03
El: 33 - C.c: 13	3.662e+01	-3.662e+01	1.491e+02	1.548e+02	6.344e-01	-6.344e-01	-1.124e+02	1.124e+02	-4.287e+01	-2.712e+01	1.818e+03	-2.133e+03
El: 34 - C.c: 1	3.616e+01	-3.616e+01	2.041e+02	1.897e+02	-7.159e-02	7.159e-02	4.531e+00	-4.531e+00	-9.785e+00	1.766e+01	3.238e+03	-2.445e+03
El: 34 - C.c: 2	2.803e+01	-2.803e+01	1.570e+02	1.460e+02	-1.025e-01	1.025e-01	3.339e+00	-3.339e+00	-3.617e+00	1.489e+01	2.491e+03	-1.881e+03
El: 34 - C.c: 3	2.913e+01	-2.913e+01	1.570e+02	1.460e+02	-3.491e-01	3.491e-01	2.578e+00	-2.578e+00	1.671e+01	2.169e+01	2.489e+03	-1.886e+03
El: 34 - C.c: 4	2.941e+01	-2.941e+01	1.570e+02	1.460e+02	-4.107e-01	4.107e-01	2.387e+00	-2.387e+00	2.180e+01	2.338e+01	2.488e+03	-1.887e+03
El: 34 - C.c: 5	4.029e+01	-4.029e+01	2.039e+02	1.899e+02	-9.963e-01	9.963e-01	1.676e+00	-1.676e+00	6.645e+01	4.314e+01	3.231e+03	-2.462e+03
El: 34 - C.c: 6	3.880e+01	-3.880e+01	2.038e+02	1.901e+02	-7.358e-01	7.358e-01	3.100e+00	-3.100e+00	4.118e+01	3.977e+01	3.223e+03	-2.469e+03
El: 34 - C.c: 7	3.765e+01	-3.765e+01	2.043e+02	1.896e+02	-3.320e-01	3.320e-01	3.107e+00	-3.107e+00	1.549e+01	2.103e+01	3.246e+03	-2.437e+03
El: 34 - C.c: 8	3.078e+01	-3.078e+01	1.569e+02	1.461e+02	-7.189e-01	7.189e-01	1.435e+00	-1.435e+00	4.721e+01	3.188e+01	2.486e+03	-1.893e+03
El: 34 - C.c: 9	2.979e+01	-2.979e+01	1.568e+02	1.462e+02	-5.453e-01	5.453e-01	2.385e+00	-2.385e+00	3.036e+01	2.963e+01	2.481e+03	-1.898e+03
El: 34 - C.c: 10	2.902e+01	-2.902e+01	1.571e+02	1.459e+02	-2.761e-01	2.761e-01	2.389e+00	-2.389e+00	1.323e+01	1.714e+01	2.496e+03	-1.876e+03
El: 34 - C.c: 11	3.078e+01	-3.078e+01	1.569e+02	1.461e+02	-7.189e-01	7.189e-01	1.435e+00	-1.435e+00	4.721e+01	3.188e+01	2.486e+03	-1.893e+03
El: 34 - C.c: 12	2.979e+01	-2.979e+01	1.568e+02	1.462e+02	-5.453e-01	5.453e-01	2.385e+00	-2.385e+00	3.036e+01	2.963e+01	2.481e+03	-1.898e+03
El: 34 - C.c: 13	2.902e+01	-2.902e+01	1.571e+02	1.459e+02	-2.761e-01	2.761e-01	2.389e+00	-2.389e+00	1.323e+01	1.714e+01	2.496e+03	-1.876e+03
El: 35 - C.c: 1	2.221e+01	-2.221e+01	1.307e+02	1.808e+02	4.306e+00	-4.306e+00	-7.236e+01	7.236e+01	-1.766e+02	-1.980e+02	1.022e+03	-3.200e+03
El: 35 - C.c: 2	1.696e+01	-1.696e+01	1.006e+02	1.391e+02	3.210e+00	-3.210e+00	-5.599e+01	5.599e+01	-1.318e+02	-1.474e+02	7.860e+02	-2.461e+03
El: 35 - C.c: 3	1.634e+01	-1.634e+01	1.005e+02	1.391e+02	2.676e+00	-2.676e+00	-5.770e+01	5.770e+01	-1.107e+02	-1.221e+02	7.867e+02	-2.463e+03
El: 35 - C.c: 4	1.619e+01	-1.619e+01	1.005e+02	1.391e+02	2.543e+00	-2.543e+00	-5.812e+01	5.812e+01	-1.055e+02	-1.158e+02	7.869e+02	-2.463e+03
El: 35 - C.c: 5	1.989e+01	-1.989e+01	1.307e+02	1.808e+02	2.306e+00	-2.306e+00	-7.876e+01	7.876e+01	-9.762e+01	-1.030e+02	1.024e+03	-3.205e+03
El: 35 - C.c: 6	2.282e+01	-2.282e+01	1.310e+02	1.805e+02	3.200e+00	-3.200e+00	-7.605e+01	7.605e+01	-1.451e+02	-1.333e+02	1.036e+03	-3.189e+03
El: 35 - C.c: 7	1.927e+01	-1.927e+01	1.304e+02	1.811e+02	3.411e+00	-3.411e+00	-7.508e+01	7.508e+01	-1.291e+02	-1.676e+02	1.010e+03	-3.216e+03
El: 35 - C.c: 8	1.542e+01	-1.542e+01	1.005e+02	1.391e+02	1.876e+00	-1.876e+00	-6.026e+01	6.026e+01	-7.914e+01	-8.407e+01	7.878e+02	-2.465e+03
El: 35 - C.c: 9	1.737e+01	-1.737e+01	1.007e+02	1.389e+02	2.473e+00	-2.473e+00	-5.845e+01	5.845e+01	-1.108e+02	-1.043e+02	7.955e+02	-2.455e+03
El: 35 - C.c: 10	1.500e+01	-1.500e+01	1.003e+02	1.393e+02	2.613e+00	-2.613e+00	-5.780e+01	5.780e+01	-1.002e+02	-1.272e+02	7.783e+02	-2.472e+03
El: 35 - C.c: 11	1.542e+01	-1.542e+01	1.005e+02	1.391e+02	1.876e+00	-1.876e+00	-6.026e+01	6.026e+01	-7.914e+01	-8.407e+01	7.878e+02	-2.465e+03
El: 35 - C.c: 12	1.737e+01	-1.737e+01	1.007e+02	1.389e+02	2.473e+00	-2.473e+00	-5.845e+01	5.845e+01	-1.108e+02	-1.043e+02	7.955e+02	-2.455e+03
El: 35 - C.c: 13	1.500e+01	-1.500e+01	1.003e+02	1.393e+02	2.613e+00	-2.613e+00	-5.780e+01	5.780e+01	-1.002e+02	-1.272e+02	7.783e+02	-2.472e+03
El: 36 - C.c: 1	2.948e+01	-2.948e+01	1.684e+02	1.574e+02	-2.128e+00	2.128e+00	-2.129e+02	2.129e+02	1.256e+02	6.808e+01	2.109e+03	-1.609e+03

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 2 36 - C.c:	2.210e+01	-2.210e+01	1.294e+02	1.212e+02	-1.521e+00	1.521e+00	-1.636e+02	1.636e+02	9.082e+01	4.763e+01	1.617e+03	-1.243e+03
El: 3 36 - C.c:	1.907e+01	-1.907e+01	1.288e+02	1.218e+02	-9.190e-01	9.190e-01	-1.625e+02	1.625e+02	6.066e+01	2.297e+01	1.592e+03	-1.274e+03
El: 4 36 - C.c:	1.831e+01	-1.831e+01	1.287e+02	1.220e+02	-7.684e-01	7.684e-01	-1.623e+02	1.623e+02	5.312e+01	1.681e+01	1.585e+03	-1.282e+03
El: 5 36 - C.c:	1.812e+01	-1.812e+01	1.661e+02	1.597e+02	1.305e-01	-1.305e-01	-2.090e+02	2.090e+02	1.250e+01	-2.438e+01	2.013e+03	-1.724e+03
El: 6 36 - C.c:	2.467e+01	-2.467e+01	1.673e+02	1.585e+02	-1.449e+00	1.449e+00	-2.079e+02	2.079e+02	9.480e+01	3.708e+01	2.062e+03	-1.665e+03
El: 7 36 - C.c:	2.294e+01	-2.294e+01	1.672e+02	1.586e+02	-5.487e-01	5.487e-01	-2.140e+02	2.140e+02	4.331e+01	6.617e+00	2.060e+03	-1.668e+03
El: 8 36 - C.c:	1.452e+01	-1.452e+01	1.279e+02	1.228e+02	-1.545e-02	1.545e-02	-1.610e+02	1.610e+02	1.542e+01	-1.401e+01	1.553e+03	-1.320e+03
El: 9 36 - C.c:	1.889e+01	-1.889e+01	1.287e+02	1.220e+02	-1.069e+00	1.069e+00	-1.603e+02	1.603e+02	7.028e+01	2.696e+01	1.586e+03	-1.281e+03
El: 10 36 - C.c:	1.773e+01	-1.773e+01	1.286e+02	1.220e+02	-4.683e-01	4.683e-01	-1.643e+02	1.643e+02	3.596e+01	6.653e+00	1.584e+03	-1.283e+03
El: 11 36 - C.c:	1.452e+01	-1.452e+01	1.279e+02	1.228e+02	-1.545e-02	1.545e-02	-1.610e+02	1.610e+02	1.542e+01	-1.401e+01	1.553e+03	-1.320e+03
El: 12 36 - C.c:	1.889e+01	-1.889e+01	1.287e+02	1.220e+02	-1.069e+00	1.069e+00	-1.603e+02	1.603e+02	7.028e+01	2.696e+01	1.586e+03	-1.281e+03
El: 13 36 - C.c:	1.773e+01	-1.773e+01	1.286e+02	1.220e+02	-4.683e-01	4.683e-01	-1.643e+02	1.643e+02	3.596e+01	6.653e+00	1.584e+03	-1.283e+03
El: 1 37 - C.c:	1.255e+01	-1.255e+01	7.924e+00	4.787e+00	1.317e+00	-1.317e+00	3.460e+01	-3.460e+01	-1.239e+02	-1.132e+02	2.823e+02	6.417e-02
El: 2 37 - C.c:	9.819e+00	-9.819e+00	6.083e+00	3.695e+00	8.937e-01	-8.937e-01	2.612e+01	-2.612e+01	-8.373e+01	-7.714e+01	2.162e+02	-1.302e+00
El: 3 37 - C.c:	1.066e+01	-1.066e+01	6.016e+00	3.762e+00	2.725e-01	-2.725e-01	2.354e+01	-2.354e+01	-2.345e+01	-2.560e+01	2.112e+02	-8.330e+00
El: 4 37 - C.c:	1.087e+01	-1.087e+01	5.999e+00	3.779e+00	1.172e-01	-1.172e-01	2.289e+01	-2.289e+01	-8.386e+00	-1.271e+01	2.099e+02	-1.009e+01
El: 5 37 - C.c:	1.570e+01	-1.570e+01	7.673e+00	5.038e+00	-1.012e+00	1.012e+00	2.491e+01	-2.491e+01	1.021e+02	8.013e+01	2.635e+02	-2.629e+01
El: 6 37 - C.c:	1.726e+01	-1.726e+01	7.663e+00	5.048e+00	5.376e-01	-5.376e-01	3.350e+01	-3.350e+01	-4.313e+01	-5.364e+01	2.609e+02	-2.543e+01
El: 7 37 - C.c:	1.099e+01	-1.099e+01	7.934e+00	4.777e+00	-2.329e-01	2.329e-01	2.601e+01	-2.601e+01	2.133e+01	2.059e+01	2.849e+02	-7.929e-01
El: 8 37 - C.c:	1.192e+01	-1.192e+01	5.915e+00	3.862e+00	-6.593e-01	6.593e-01	1.966e+01	-1.966e+01	6.696e+01	5.172e+01	2.036e+02	-1.887e+01
El: 9 37 - C.c:	1.296e+01	-1.296e+01	5.909e+00	3.869e+00	3.740e-01	-3.740e-01	2.539e+01	-2.539e+01	-2.987e+01	-3.745e+01	2.019e+02	-1.830e+01
El: 10 37 - C.c:	8.777e+00	-8.777e+00	6.089e+00	3.689e+00	-1.396e-01	1.396e-01	2.039e+01	-2.039e+01	1.310e+01	1.203e+01	2.179e+02	-1.874e+00
El: 11 37 - C.c:	1.192e+01	-1.192e+01	5.915e+00	3.862e+00	-6.593e-01	6.593e-01	1.966e+01	-1.966e+01	6.696e+01	5.172e+01	2.036e+02	-1.887e+01
El: 12 37 - C.c:	1.296e+01	-1.296e+01	5.909e+00	3.869e+00	3.740e-01	-3.740e-01	2.539e+01	-2.539e+01	-2.987e+01	-3.745e+01	2.019e+02	-1.830e+01
El: 13 37 - C.c:	8.777e+00	-8.777e+00	6.089e+00	3.689e+00	-1.396e-01	1.396e-01	2.039e+01	-2.039e+01	1.310e+01	1.203e+01	2.179e+02	-1.874e+00
El: 1 38 - C.c:	4.613e+01	-4.613e+01	2.021e+02	1.930e+02	-1.723e+00	1.723e+00	-2.039e+01	2.039e+01	9.287e+01	9.716e+01	3.054e+03	-2.552e+03
El: 2 38 - C.c:	3.550e+01	-3.550e+01	1.555e+02	1.484e+02	-1.110e+00	1.110e+00	-1.554e+01	1.554e+01	5.961e+01	6.290e+01	2.351e+03	-1.962e+03
El: 3 38 - C.c:	3.555e+01	-3.555e+01	1.556e+02	1.483e+02	5.124e-03	-5.124e-03	-1.475e+01	1.475e+01	-1.920e+00	1.355e+00	2.363e+03	-1.957e+03
El: 4 38 - C.c:	3.556e+01	-3.556e+01	1.556e+02	1.482e+02	2.840e-01	-2.840e-01	-1.456e+01	1.456e+01	-1.730e+01	-1.403e+01	2.365e+03	-1.956e+03
El: 5 38 - C.c:	4.633e+01	-4.633e+01	2.026e+02	1.924e+02	2.461e+00	-2.461e+00	-1.746e+01	1.746e+01	-1.379e+02	-1.336e+02	3.096e+03	-2.534e+03
El: 6 38 - C.c:	4.629e+01	-4.629e+01	2.021e+02	1.930e+02	4.437e-01	-4.437e-01	-1.825e+01	1.825e+01	-2.528e+01	-2.367e+01	3.054e+03	-2.551e+03
El: 7 38 - C.c:	4.618e+01	-4.618e+01	2.026e+02	1.924e+02	2.948e-01	-2.948e-01	-1.960e+01	1.960e+01	-1.971e+01	-1.281e+01	3.096e+03	-2.534e+03
El: 8 38 - C.c:	3.563e+01	-3.563e+01	1.558e+02	1.480e+02	1.679e+00	-1.679e+00	-1.358e+01	1.358e+01	-9.421e+01	-9.097e+01	2.380e+03	-1.950e+03
El: 9 38 - C.c:	3.560e+01	-3.560e+01	1.555e+02	1.484e+02	3.337e-01	-3.337e-01	-1.411e+01	1.411e+01	-1.916e+01	-1.765e+01	2.351e+03	-1.961e+03
El: 10 38 - C.c:	3.553e+01	-3.553e+01	1.558e+02	1.480e+02	2.344e-01	-2.344e-01	-1.501e+01	1.501e+01	-1.545e+01	-1.041e+01	2.380e+03	-1.950e+03
El: 11 38 - C.c:	3.563e+01	-3.563e+01	1.558e+02	1.480e+02	1.679e+00	-1.679e+00	-1.358e+01	1.358e+01	-9.421e+01	-9.097e+01	2.380e+03	-1.950e+03
El: 12 38 - C.c:	3.560e+01	-3.560e+01	1.555e+02	1.484e+02	3.337e-01	-3.337e-01	-1.411e+01	1.411e+01	-1.916e+01	-1.765e+01	2.351e+03	-1.961e+03
El: 13 38 - C.c:	3.553e+01	-3.553e+01	1.558e+02	1.480e+02	2.344e-01	-2.344e-01	-1.501e+01	1.501e+01	-1.545e+01	-1.041e+01	2.380e+03	-1.950e+03
El: 1 39 - C.c:	5.074e+01	-5.074e+01	8.930e+00	3.781e+00	1.437e+00	-1.437e+00	-8.771e+01	8.771e+01	-1.355e+02	-1.232e+02	4.625e+02	9.529e-01
El: 39 - C.c:	3.964e+01	-3.964e+01	6.845e+00	2.933e+00	1.011e+00	-1.011e+00	-6.792e+01	6.792e+01	-9.563e+01	-8.630e+01	3.535e+02	-1.455e+00

COMUNE DI PRAIANO cc_g976 0007113 Uscita 07/08/2025 15:08
COMUNE DI PRAIANO cc_g976 0007619 Ingresso 09/09/2024 12:39

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 2 39 - C.c:	4.280e+01	-4.280e+01	6.717e+00	3.060e+00	5.176e-01	-5.176e-01	-7.026e+01	7.026e+01	-5.079e+01	-4.237e+01	3.420e+02	-1.283e+01
El: 3 39 - C.c:	4.359e+01	-4.359e+01	6.686e+00	3.092e+00	3.943e-01	-3.943e-01	-7.085e+01	7.085e+01	-3.958e+01	-3.139e+01	3.391e+02	-1.568e+01
El: 4 39 - C.c:	6.260e+01	-6.260e+01	8.452e+00	4.259e+00	-4.121e-01	4.121e-01	-9.650e+01	9.650e+01	3.261e+01	4.156e+01	4.192e+02	-4.171e+01
El: 5 39 - C.c:	2.731e+01	-2.731e+01	8.495e+00	4.216e+00	9.911e-01	-9.911e-01	-8.783e+01	8.783e+01	-9.654e+01	-8.186e+01	4.231e+02	-3.794e+01
El: 6 39 - C.c:	8.603e+01	-8.603e+01	8.887e+00	3.824e+00	3.407e-02	-3.407e-02	-9.638e+01	9.638e+01	-6.377e+00	2.438e-01	4.585e+02	-2.812e+00
El: 7 39 - C.c:	4.755e+01	-4.755e+01	6.526e+00	3.251e+00	-2.221e-01	2.221e-01	-7.378e+01	7.378e+01	1.646e+01	2.352e+01	3.247e+02	-2.990e+01
El: 8 39 - C.c:	2.402e+01	-2.402e+01	6.555e+00	3.223e+00	7.133e-01	-7.133e-01	-6.800e+01	6.800e+01	-6.964e+01	-5.876e+01	3.273e+02	-2.739e+01
El: 9 39 - C.c:	6.317e+01	-6.317e+01	6.816e+00	2.961e+00	7.529e-02	-7.529e-02	-7.370e+01	7.370e+01	-9.529e+00	-4.023e+00	3.509e+02	-3.965e+00
El: 10 39 - C.c:	4.755e+01	-4.755e+01	6.526e+00	3.251e+00	-2.221e-01	2.221e-01	-7.378e+01	7.378e+01	1.646e+01	2.352e+01	3.247e+02	-2.990e+01
El: 11 39 - C.c:	2.402e+01	-2.402e+01	6.555e+00	3.223e+00	7.133e-01	-7.133e-01	-6.800e+01	6.800e+01	-6.964e+01	-5.876e+01	3.273e+02	-2.739e+01
El: 12 39 - C.c:	6.317e+01	-6.317e+01	6.816e+00	2.961e+00	7.529e-02	-7.529e-02	-7.370e+01	7.370e+01	-9.529e+00	-4.023e+00	3.509e+02	-3.965e+00
El: 13 40 - C.c:	1.207e+02	-1.207e+02	-1.230e+01	1.936e+01	-1.115e+00	1.115e+00	4.830e+00	-4.830e+00	4.184e+01	6.970e+01	-3.584e+02	-1.224e+03
El: 1 40 - C.c:	9.339e+01	-9.339e+01	-9.529e+00	1.496e+01	-9.176e-01	9.176e-01	4.203e+00	-4.203e+00	3.407e+01	5.769e+01	-2.793e+02	-9.451e+02
El: 2 40 - C.c:	9.617e+01	-9.617e+01	-9.890e+00	1.532e+01	-1.227e+00	1.227e+00	6.741e+00	-6.741e+00	4.383e+01	7.887e+01	-2.982e+02	-9.624e+02
El: 3 40 - C.c:	9.686e+01	-9.686e+01	-9.981e+00	1.541e+01	-1.304e+00	1.304e+00	7.375e+00	-7.375e+00	4.627e+01	8.416e+01	-3.029e+02	-9.667e+02
El: 4 40 - C.c:	1.311e+02	-1.311e+02	-1.365e+01	2.071e+01	-2.276e+00	2.276e+00	1.434e+01	-1.434e+01	7.845e+01	1.491e+02	-4.292e+02	-1.289e+03
El: 5 40 - C.c:	1.253e+02	-1.253e+02	-1.347e+01	2.053e+01	-2.000e+00	2.000e+00	5.351e+00	-5.351e+00	9.306e+01	1.069e+02	-4.195e+02	-1.280e+03
El: 6 40 - C.c:	1.265e+02	-1.265e+02	-1.248e+01	1.955e+01	-1.392e+00	1.392e+00	1.382e+01	-1.382e+01	2.724e+01	1.119e+02	-3.680e+02	-1.233e+03
El: 7 40 - C.c:	1.003e+02	-1.003e+02	-1.043e+01	1.586e+01	-1.691e+00	1.691e+00	1.055e+01	-1.055e+01	5.847e+01	1.106e+02	-3.265e+02	-9.882e+02
El: 8 40 - C.c:	9.645e+01	-9.645e+01	-1.031e+01	1.574e+01	-1.507e+00	1.507e+00	4.550e+00	-4.550e+00	6.821e+01	8.250e+01	-3.201e+02	-9.822e+02
El: 9 40 - C.c:	9.728e+01	-9.728e+01	-9.654e+00	1.509e+01	-1.102e+00	1.102e+00	1.020e+01	-1.020e+01	2.433e+01	8.583e+01	-2.857e+02	-9.512e+02
El: 10 40 - C.c:	1.003e+02	-1.003e+02	-1.043e+01	1.586e+01	-1.691e+00	1.691e+00	1.055e+01	-1.055e+01	5.847e+01	1.106e+02	-3.265e+02	-9.882e+02
El: 11 40 - C.c:	9.645e+01	-9.645e+01	-1.031e+01	1.574e+01	-1.507e+00	1.507e+00	4.550e+00	-4.550e+00	6.821e+01	8.250e+01	-3.201e+02	-9.822e+02
El: 12 40 - C.c:	9.728e+01	-9.728e+01	-9.654e+00	1.509e+01	-1.102e+00	1.102e+00	1.020e+01	-1.020e+01	2.433e+01	8.583e+01	-2.857e+02	-9.512e+02
El: 13 41 - C.c:	4.671e+01	-4.671e+01	1.944e+02	2.006e+02	-2.235e+00	2.235e+00	-5.610e+01	5.610e+01	1.412e+02	1.053e+02	2.711e+03	-3.055e+03
El: 1 41 - C.c:	3.588e+01	-3.588e+01	1.495e+02	1.543e+02	-1.610e+00	1.610e+00	-4.298e+01	4.298e+01	1.027e+02	7.496e+01	2.085e+03	-2.350e+03
El: 2 41 - C.c:	3.562e+01	-3.562e+01	1.495e+02	1.544e+02	-1.043e+00	1.043e+00	-4.207e+01	4.207e+01	7.161e+01	4.345e+01	2.084e+03	-2.352e+03
El: 3 41 - C.c:	3.556e+01	-3.556e+01	1.495e+02	1.544e+02	-9.011e-01	9.011e-01	-4.184e+01	4.184e+01	6.385e+01	3.557e+01	2.084e+03	-2.352e+03
El: 4 41 - C.c:	4.574e+01	-4.574e+01	1.943e+02	2.007e+02	-1.084e-01	1.084e-01	-5.270e+01	5.270e+01	2.480e+01	-1.284e+01	2.708e+03	-3.061e+03
El: 5 41 - C.c:	4.629e+01	-4.629e+01	1.943e+02	2.007e+02	2.491e-01	-2.491e-01	-5.348e+01	5.348e+01	-1.189e+00	-2.629e+01	2.705e+03	-3.059e+03
El: 6 41 - C.c:	4.615e+01	-4.615e+01	1.944e+02	2.006e+02	-2.592e+00	2.592e+00	-5.531e+01	5.531e+01	1.672e+02	1.188e+02	2.714e+03	-3.057e+03
El: 7 41 - C.c:	3.523e+01	-3.523e+01	1.495e+02	1.544e+02	-1.924e-01	1.924e-01	-4.071e+01	4.071e+01	2.504e+01	-3.816e+00	2.083e+03	-2.354e+03
El: 8 41 - C.c:	3.560e+01	-3.560e+01	1.495e+02	1.544e+02	4.591e-02	-4.591e-02	-4.123e+01	4.123e+01	7.721e+00	-1.279e+01	2.081e+03	-2.353e+03
El: 9 41 - C.c:	3.551e+01	-3.551e+01	1.495e+02	1.543e+02	-1.848e+00	1.848e+00	-4.246e+01	4.246e+01	1.200e+02	8.393e+01	2.087e+03	-2.352e+03
El: 10 41 - C.c:	3.523e+01	-3.523e+01	1.495e+02	1.544e+02	-1.924e-01	1.924e-01	-4.071e+01	4.071e+01	2.504e+01	-3.816e+00	2.083e+03	-2.354e+03
El: 11 41 - C.c:	3.560e+01	-3.560e+01	1.495e+02	1.544e+02	4.591e-02	-4.591e-02	-4.123e+01	4.123e+01	7.721e+00	-1.279e+01	2.081e+03	-2.353e+03
El: 12 41 - C.c:	3.551e+01	-3.551e+01	1.495e+02	1.543e+02	-1.848e+00	1.848e+00	-4.246e+01	4.246e+01	1.200e+02	8.393e+01	2.087e+03	-2.352e+03
El: 13 42 - C.c:	8.601e+00	-8.601e+00	-9.641e+00	1.670e+01	-1.124e-01	1.124e-01	6.935e+01	-6.935e+01	1.386e+01	-2.623e+00	-1.672e+02	-1.150e+03
El: 1 42 - C.c:	6.799e+00	-6.799e+00	-7.463e+00	1.289e+01	-1.428e-01	1.428e-01	5.338e+01	-5.338e+01	1.243e+01	1.850e+00	-1.312e+02	-8.867e+02
El: 2 42 - C.c:												

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 3 42 - C.c:	7.747e+00	-7.747e+00	-7.706e+00	1.314e+01	-4.357e-01	4.357e-01	5.357e+01	-5.357e+01	2.161e+01	2.196e+01	-1.446e+02	-8.976e+02
El: 4 42 - C.c:	7.984e+00	-7.984e+00	-7.767e+00	1.320e+01	-5.089e-01	5.089e-01	5.361e+01	-5.361e+01	2.390e+01	2.699e+01	-1.480e+02	-9.004e+02
El: 5 42 - C.c:	1.216e+01	-1.216e+01	-1.055e+01	1.762e+01	-1.211e+00	1.211e+00	7.004e+01	-7.004e+01	4.828e+01	7.279e+01	-2.176e+02	-1.191e+03
El: 6 42 - C.c:	1.221e+01	-1.221e+01	-1.049e+01	1.755e+01	-1.259e+00	1.259e+00	6.964e+01	-6.964e+01	7.076e+01	5.515e+01	-2.129e+02	-1.189e+03
El: 7 42 - C.c:	8.548e+00	-8.548e+00	-9.709e+00	1.677e+01	-6.400e-02	6.400e-02	6.975e+01	-6.975e+01	-8.619e+00	1.502e+01	-1.718e+02	-1.152e+03
El: 8 42 - C.c:	9.170e+00	-9.170e+00	-8.072e+00	1.350e+01	-8.750e-01	8.750e-01	5.384e+01	-5.384e+01	3.538e+01	5.213e+01	-1.648e+02	-9.140e+02
El: 9 42 - C.c:	9.205e+00	-9.205e+00	-8.026e+00	1.346e+01	-9.073e-01	9.073e-01	5.358e+01	-5.358e+01	5.036e+01	4.037e+01	-1.617e+02	-9.126e+02
El: 10 42 - C.c:	6.764e+00	-6.764e+00	-7.508e+00	1.294e+01	-1.105e-01	1.105e-01	5.365e+01	-5.365e+01	-2.559e+00	1.361e+01	-1.343e+02	-8.882e+02
El: 11 42 - C.c:	9.170e+00	-9.170e+00	-8.072e+00	1.350e+01	-8.750e-01	8.750e-01	5.384e+01	-5.384e+01	3.538e+01	5.213e+01	-1.648e+02	-9.140e+02
El: 12 42 - C.c:	9.205e+00	-9.205e+00	-8.026e+00	1.346e+01	-9.073e-01	9.073e-01	5.358e+01	-5.358e+01	5.036e+01	4.037e+01	-1.617e+02	-9.126e+02
El: 13 42 - C.c:	6.764e+00	-6.764e+00	-7.508e+00	1.294e+01	-1.105e-01	1.105e-01	5.365e+01	-5.365e+01	-2.559e+00	1.361e+01	-1.343e+02	-8.882e+02
El: 1 43 - C.c:	4.304e+01	-4.304e+01	2.039e+02	1.899e+02	1.739e-01	-1.739e-01	5.622e+01	-5.622e+01	8.777e+00	-2.791e+01	3.271e+03	-2.502e+03
El: 2 43 - C.c:	3.340e+01	-3.340e+01	1.568e+02	1.462e+02	1.042e-01	-1.042e-01	4.385e+01	-4.385e+01	7.821e+00	-1.928e+01	2.512e+03	-1.930e+03
El: 3 43 - C.c:	3.490e+01	-3.490e+01	1.563e+02	1.466e+02	-4.945e-02	4.945e-02	4.699e+01	-4.699e+01	1.338e+01	-7.940e+00	2.491e+03	-1.957e+03
El: 4 43 - C.c:	3.527e+01	-3.527e+01	1.562e+02	1.468e+02	-8.787e-02	8.787e-02	4.777e+01	-4.777e+01	1.477e+01	-5.104e+00	2.485e+03	-1.964e+03
El: 5 43 - C.c:	4.867e+01	-4.867e+01	2.023e+02	1.916e+02	-4.023e-01	4.023e-01	6.798e+01	-6.798e+01	2.962e+01	1.464e+01	3.191e+03	-2.606e+03
El: 6 43 - C.c:	4.927e+01	-4.927e+01	2.023e+02	1.916e+02	-1.616e+00	1.616e+00	5.348e+01	-5.348e+01	1.019e+02	7.589e+01	3.194e+03	-2.602e+03
El: 7 43 - C.c:	4.244e+01	-4.244e+01	2.039e+02	1.900e+02	1.387e+00	-1.387e+00	7.072e+01	-7.072e+01	-6.346e+01	-8.916e+01	3.268e+03	-2.505e+03
El: 8 43 - C.c:	3.715e+01	-3.715e+01	1.557e+02	1.473e+02	-2.799e-01	2.799e-01	5.169e+01	-5.169e+01	2.172e+01	9.077e+00	2.459e+03	-1.999e+03
El: 9 43 - C.c:	3.755e+01	-3.755e+01	1.557e+02	1.473e+02	-1.089e+00	1.089e+00	4.203e+01	-4.203e+01	6.988e+01	4.991e+01	2.461e+03	-1.997e+03
El: 10 43 - C.c:	3.300e+01	-3.300e+01	1.567e+02	1.462e+02	9.132e-01	-9.132e-01	5.352e+01	-5.352e+01	-4.034e+01	-6.012e+01	2.510e+03	-1.932e+03
El: 11 43 - C.c:	3.715e+01	-3.715e+01	1.557e+02	1.473e+02	-2.799e-01	2.799e-01	5.169e+01	-5.169e+01	2.172e+01	9.077e+00	2.459e+03	-1.999e+03
El: 12 43 - C.c:	3.755e+01	-3.755e+01	1.557e+02	1.473e+02	-1.089e+00	1.089e+00	4.203e+01	-4.203e+01	6.988e+01	4.991e+01	2.461e+03	-1.997e+03
El: 13 43 - C.c:	3.300e+01	-3.300e+01	1.567e+02	1.462e+02	9.132e-01	-9.132e-01	5.352e+01	-5.352e+01	-4.034e+01	-6.012e+01	2.510e+03	-1.932e+03
El: 1 44 - C.c:	4.625e+01	-4.625e+01	1.919e+02	2.031e+02	-2.768e-01	2.768e-01	-6.158e+01	6.158e+01	3.301e+01	-2.472e+00	2.574e+03	-3.194e+03
El: 2 44 - C.c:	3.544e+01	-3.544e+01	1.475e+02	1.563e+02	-1.523e-01	1.523e-01	-4.680e+01	4.680e+01	2.231e+01	-5.511e+00	1.976e+03	-2.460e+03
El: 3 44 - C.c:	3.471e+01	-3.471e+01	1.472e+02	1.567e+02	1.633e-01	-1.633e-01	-4.387e+01	4.387e+01	6.264e+00	-2.428e+01	1.954e+03	-2.478e+03
El: 4 44 - C.c:	3.452e+01	-3.452e+01	1.471e+02	1.568e+02	2.422e-01	-2.422e-01	-4.314e+01	4.314e+01	2.253e+00	-2.898e+01	1.949e+03	-2.483e+03
El: 5 44 - C.c:	4.351e+01	-4.351e+01	1.905e+02	2.045e+02	9.067e-01	-9.067e-01	-5.058e+01	5.058e+01	-2.716e+01	-7.287e+01	2.492e+03	-3.261e+03
El: 6 44 - C.c:	4.879e+01	-4.879e+01	1.920e+02	2.030e+02	1.572e+00	-1.572e+00	-5.148e+01	5.148e+01	-7.530e+01	-9.809e+01	2.583e+03	-3.188e+03
El: 7 44 - C.c:	4.097e+01	-4.097e+01	1.904e+02	2.046e+02	-9.419e-01	9.419e-01	-6.067e+01	6.067e+01	8.116e+01	2.275e+01	2.484e+03	-3.267e+03
El: 8 44 - C.c:	3.361e+01	-3.361e+01	1.466e+02	1.572e+02	6.367e-01	-6.367e-01	-3.947e+01	3.947e+01	-1.780e+01	-5.244e+01	1.921e+03	-2.505e+03
El: 9 44 - C.c:	3.713e+01	-3.713e+01	1.476e+02	1.562e+02	1.080e+00	-1.080e+00	-4.007e+01	4.007e+01	-4.990e+01	-6.926e+01	1.982e+03	-2.456e+03
El: 10 44 - C.c:	3.192e+01	-3.192e+01	1.466e+02	1.573e+02	-5.956e-01	5.956e-01	-4.620e+01	4.620e+01	5.441e+01	1.131e+01	1.916e+03	-2.509e+03
El: 11 44 - C.c:	3.361e+01	-3.361e+01	1.466e+02	1.572e+02	6.367e-01	-6.367e-01	-3.947e+01	3.947e+01	-1.780e+01	-5.244e+01	1.921e+03	-2.505e+03
El: 12 44 - C.c:	3.713e+01	-3.713e+01	1.476e+02	1.562e+02	1.080e+00	-1.080e+00	-4.007e+01	4.007e+01	-4.990e+01	-6.926e+01	1.982e+03	-2.456e+03
El: 13 44 - C.c:	3.192e+01	-3.192e+01	1.466e+02	1.573e+02	-5.956e-01	5.956e-01	-4.620e+01	4.620e+01	5.441e+01	1.131e+01	1.916e+03	-2.509e+03
El: 1 45 - C.c:	4.396e+01	-4.396e+01	2.013e+02	1.925e+02	2.106e+00	-2.106e+00	5.669e+01	-5.669e+01	-9.766e+01	-1.339e+02	3.135e+03	-2.652e+03
El: 2 45 - C.c:	3.392e+01	-3.392e+01	1.548e+02	1.481e+02	1.607e+00	-1.607e+00	4.387e+01	-4.387e+01	-7.476e+01	-1.020e+02	2.410e+03	-2.042e+03
El: 45 - C.c:	3.448e+01	-3.448e+01	1.547e+02	1.483e+02	1.540e+00	-1.540e+00	4.522e+01	-4.522e+01	-7.286e+01	-9.657e+01	2.400e+03	-2.052e+03

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
3												
El: 45 - C.c: 4	3.461e+01	-3.461e+01	1.546e+02	1.484e+02	1.524e+00	-1.524e+00	4.555e+01	-4.555e+01	-7.239e+01	-9.522e+01	2.398e+03	-2.055e+03
El: 45 - C.c: 5	4.604e+01	-4.604e+01	2.006e+02	1.932e+02	1.856e+00	-1.856e+00	6.175e+01	-6.175e+01	-9.055e+01	-1.136e+02	3.099e+03	-2.691e+03
El: 45 - C.c: 6	4.609e+01	-4.609e+01	2.006e+02	1.932e+02	-3.275e-01	3.275e-01	5.595e+01	-5.595e+01	2.984e+01	6.183e+00	3.100e+03	-2.692e+03
El: 45 - C.c: 7	4.390e+01	-4.390e+01	2.013e+02	1.925e+02	4.289e+00	-4.289e+00	6.249e+01	-6.249e+01	-2.180e+02	-2.538e+02	3.135e+03	-2.651e+03
El: 45 - C.c: 8	3.531e+01	-3.531e+01	1.544e+02	1.486e+02	1.441e+00	-1.441e+00	4.724e+01	-4.724e+01	-7.002e+01	-8.845e+01	2.386e+03	-2.068e+03
El: 45 - C.c: 9	3.534e+01	-3.534e+01	1.544e+02	1.486e+02	-1.514e-02	1.514e-02	4.338e+01	-4.338e+01	1.024e+01	-8.574e+00	2.387e+03	-2.069e+03
El: 45 - C.c: 10	3.388e+01	-3.388e+01	1.548e+02	1.481e+02	3.063e+00	-3.063e+00	4.773e+01	-4.773e+01	-1.550e+02	-1.819e+02	2.409e+03	-2.041e+03
El: 45 - C.c: 11	3.531e+01	-3.531e+01	1.544e+02	1.486e+02	1.441e+00	-1.441e+00	4.724e+01	-4.724e+01	-7.002e+01	-8.845e+01	2.386e+03	-2.068e+03
El: 45 - C.c: 12	3.534e+01	-3.534e+01	1.544e+02	1.486e+02	-1.514e-02	1.514e-02	4.338e+01	-4.338e+01	1.024e+01	-8.574e+00	2.387e+03	-2.069e+03
El: 45 - C.c: 13	3.388e+01	-3.388e+01	1.548e+02	1.481e+02	3.063e+00	-3.063e+00	4.773e+01	-4.773e+01	-1.550e+02	-1.819e+02	2.409e+03	-2.041e+03
El: 46 - C.c: 1	4.603e+01	-4.603e+01	1.950e+02	1.989e+02	1.064e+00	-1.064e+00	1.524e+01	-1.524e+01	-3.128e+01	-8.571e+01	2.628e+03	-2.842e+03
El: 46 - C.c: 2	3.540e+01	-3.540e+01	1.500e+02	1.529e+02	9.337e-01	-9.337e-01	1.210e+01	-1.210e+01	-3.070e+01	-7.201e+01	2.024e+03	-2.184e+03
El: 46 - C.c: 3	3.537e+01	-3.537e+01	1.503e+02	1.527e+02	1.535e+00	-1.535e+00	1.403e+01	-1.403e+01	-6.519e+01	-1.036e+02	2.034e+03	-2.170e+03
El: 46 - C.c: 4	3.536e+01	-3.536e+01	1.503e+02	1.527e+02	1.685e+00	-1.685e+00	1.452e+01	-1.452e+01	-7.381e+01	-1.115e+02	2.037e+03	-2.166e+03
El: 46 - C.c: 5	4.590e+01	-4.590e+01	1.958e+02	1.980e+02	3.317e+00	-3.317e+00	2.250e+01	-2.250e+01	-1.606e+02	-2.042e+02	2.667e+03	-2.790e+03
El: 46 - C.c: 6	4.609e+01	-4.609e+01	1.957e+02	1.982e+02	4.225e-01	-4.225e-01	1.408e+01	-1.408e+01	-4.692e-01	-4.601e+01	2.659e+03	-2.799e+03
El: 46 - C.c: 7	4.584e+01	-4.584e+01	1.951e+02	1.987e+02	3.958e+00	-3.958e+00	2.367e+01	-2.367e+01	-1.914e+02	-2.439e+02	2.636e+03	-2.834e+03
El: 46 - C.c: 8	3.531e+01	-3.531e+01	1.506e+02	1.524e+02	2.436e+00	-2.436e+00	1.694e+01	-1.694e+01	-1.169e+02	-1.510e+02	2.050e+03	-2.149e+03
El: 46 - C.c: 9	3.544e+01	-3.544e+01	1.505e+02	1.525e+02	5.063e-01	-5.063e-01	1.132e+01	-1.132e+01	-1.015e+01	-4.554e+01	2.045e+03	-2.155e+03
El: 46 - C.c: 10	3.528e+01	-3.528e+01	1.501e+02	1.528e+02	2.863e+00	-2.863e+00	1.771e+01	-1.771e+01	-1.375e+02	-1.775e+02	2.029e+03	-2.178e+03
El: 46 - C.c: 11	3.531e+01	-3.531e+01	1.506e+02	1.524e+02	2.436e+00	-2.436e+00	1.694e+01	-1.694e+01	-1.169e+02	-1.510e+02	2.050e+03	-2.149e+03
El: 46 - C.c: 12	3.544e+01	-3.544e+01	1.505e+02	1.525e+02	5.063e-01	-5.063e-01	1.132e+01	-1.132e+01	-1.015e+01	-4.554e+01	2.045e+03	-2.155e+03
El: 46 - C.c: 13	3.528e+01	-3.528e+01	1.501e+02	1.528e+02	2.863e+00	-2.863e+00	1.771e+01	-1.771e+01	-1.375e+02	-1.775e+02	2.029e+03	-2.178e+03
El: 47 - C.c: 1	4.736e+01	-4.736e+01	2.041e+02	1.898e+02	-7.498e-01	7.498e-01	-5.831e+01	5.831e+01	7.205e+01	1.042e+01	3.289e+03	-2.503e+03
El: 47 - C.c: 2	3.616e+01	-3.616e+01	1.569e+02	1.461e+02	-3.495e-01	3.495e-01	-4.447e+01	4.447e+01	4.344e+01	-4.999e+00	2.525e+03	-1.931e+03
El: 47 - C.c: 3	3.474e+01	-3.474e+01	1.564e+02	1.466e+02	8.324e-01	-8.324e-01	-4.250e+01	4.250e+01	-1.890e+01	-7.266e+01	2.498e+03	-1.958e+03
El: 47 - C.c: 4	3.439e+01	-3.439e+01	1.563e+02	1.467e+02	1.128e+00	-1.128e+00	-4.201e+01	4.201e+01	-3.448e+01	-8.957e+01	2.492e+03	-1.964e+03
El: 47 - C.c: 5	4.206e+01	-4.206e+01	2.023e+02	1.916e+02	3.682e+00	-3.682e+00	-5.091e+01	5.091e+01	-1.617e+02	-2.433e+02	3.189e+03	-2.604e+03
El: 47 - C.c: 6	4.476e+01	-4.476e+01	2.027e+02	1.911e+02	5.650e-01	-5.650e-01	-5.862e+01	5.862e+01	-5.457e-01	-6.160e+01	3.213e+03	-2.576e+03
El: 47 - C.c: 7	4.466e+01	-4.466e+01	2.036e+02	1.903e+02	2.367e+00	-2.367e+00	-5.060e+01	5.060e+01	-8.911e+01	-1.713e+02	3.266e+03	-2.531e+03
El: 47 - C.c: 8	3.263e+01	-3.263e+01	1.557e+02	1.473e+02	2.605e+00	-2.605e+00	-3.954e+01	3.954e+01	-1.124e+02	-1.742e+02	2.458e+03	-1.998e+03
El: 47 - C.c: 9	3.442e+01	-3.442e+01	1.560e+02	1.470e+02	5.271e-01	-5.271e-01	-4.468e+01	4.468e+01	-4.962e+00	-5.301e+01	2.474e+03	-1.979e+03
El: 47 - C.c: 10	3.436e+01	-3.436e+01	1.566e+02	1.464e+02	1.729e+00	-1.729e+00	-3.934e+01	3.934e+01	-6.401e+01	-1.261e+02	2.509e+03	-1.949e+03
El: 47 - C.c: 11	3.263e+01	-3.263e+01	1.557e+02	1.473e+02	2.605e+00	-2.605e+00	-3.954e+01	3.954e+01	-1.124e+02	-1.742e+02	2.458e+03	-1.998e+03
El: 47 - C.c: 12	3.442e+01	-3.442e+01	1.560e+02	1.470e+02	5.271e-01	-5.271e-01	-4.468e+01	4.468e+01	-4.962e+00	-5.301e+01	2.474e+03	-1.979e+03
El: 47 - C.c: 13	3.436e+01	-3.436e+01	1.566e+02	1.464e+02	1.729e+00	-1.729e+00	-3.934e+01	3.934e+01	-6.401e+01	-1.261e+02	2.509e+03	-1.949e+03
El: 48 - C.c: 1	5.825e+01	-5.825e+01	1.347e+01	-7.593e-01	8.295e-01	-8.295e-01	1.718e+01	-1.718e+01	-7.676e+01	-7.254e+01	1.009e+03	2.713e+02
El: 48 - C.c: 2	4.496e+01	-4.496e+01	1.034e+01	-5.623e-01	6.223e-01	-6.223e-01	1.368e+01	-1.368e+01	-5.688e+01	-5.514e+01	7.746e+02	2.066e+02
El: 48 - C.c: 3	4.576e+01	-4.576e+01	1.023e+01	-4.486e-01	5.404e-01	-5.404e-01	1.607e+01	-1.607e+01	-4.560e+01	-5.167e+01	7.651e+02	1.956e+02

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Fascicolo dei Calcoli
(Par. 10.1. Caratteristiche generali – D.M. Infrastrutture 17 gennaio 2018)

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 4 48 - C.c:	4.597e+01	-4.597e+01	1.020e+01	-4.202e-01	5.199e-01	-5.199e-01	1.667e+01	-1.667e+01	-4.278e+01	-5.080e+01	7.627e+02	1.929e+02
El: 5 48 - C.c:	6.126e+01	-6.126e+01	1.304e+01	-3.331e-01	5.223e-01	-5.223e-01	2.615e+01	-2.615e+01	-3.447e+01	-5.955e+01	9.738e+02	2.302e+02
El: 6 48 - C.c:	6.586e+01	-6.586e+01	1.350e+01	-7.941e-01	1.382e+00	-1.382e+00	2.534e+01	-2.534e+01	-1.155e+02	-1.332e+02	1.012e+03	2.745e+02
El: 7 48 - C.c:	5.365e+01	-5.365e+01	1.301e+01	-2.984e-01	-2.994e-02	2.994e-02	1.799e+01	-1.799e+01	4.310e+00	1.078e+00	9.707e+02	2.270e+02
El: 8 48 - C.c:	4.697e+01	-4.697e+01	1.006e+01	-2.781e-01	4.175e-01	-4.175e-01	1.966e+01	-1.966e+01	-2.869e+01	-4.647e+01	7.509e+02	1.792e+02
El: 9 48 - C.c:	5.004e+01	-5.004e+01	1.036e+01	-5.854e-01	9.905e-01	-9.905e-01	1.912e+01	-1.912e+01	-8.273e+01	-9.555e+01	7.767e+02	2.087e+02
El: 10 48 - C.c:	4.189e+01	-4.189e+01	1.003e+01	-2.549e-01	4.937e-02	-4.937e-02	1.422e+01	-1.422e+01	-2.831e+00	-6.055e+00	7.488e+02	1.771e+02
El: 11 48 - C.c:	4.697e+01	-4.697e+01	1.006e+01	-2.781e-01	4.175e-01	-4.175e-01	1.966e+01	-1.966e+01	-2.869e+01	-4.647e+01	7.509e+02	1.792e+02
El: 12 48 - C.c:	5.004e+01	-5.004e+01	1.036e+01	-5.854e-01	9.905e-01	-9.905e-01	1.912e+01	-1.912e+01	-8.273e+01	-9.555e+01	7.767e+02	2.087e+02
El: 13 48 - C.c:	4.189e+01	-4.189e+01	1.003e+01	-2.549e-01	4.937e-02	-4.937e-02	1.422e+01	-1.422e+01	-2.831e+00	-6.055e+00	7.488e+02	1.771e+02
El: 1 49 - C.c:	1.097e+01	-1.097e+01	1.243e+01	2.831e-01	-8.809e-02	8.809e-02	-5.484e+01	5.484e+01	2.684e-01	1.559e+01	9.565e+02	1.365e+02
El: 2 49 - C.c:	8.337e+00	-8.337e+00	9.555e+00	2.231e-01	-7.094e-02	7.094e-02	-4.193e+01	4.193e+01	1.207e+00	1.156e+01	7.354e+02	1.044e+02
El: 3 49 - C.c:	7.828e+00	-7.828e+00	9.527e+00	2.503e-01	-8.745e-02	8.745e-02	-4.061e+01	4.061e+01	6.408e+00	9.333e+00	7.333e+02	1.016e+02
El: 4 49 - C.c:	7.701e+00	-7.701e+00	9.520e+00	2.572e-01	-9.158e-02	9.158e-02	-4.028e+01	4.028e+01	7.709e+00	8.776e+00	7.328e+02	1.009e+02
El: 5 49 - C.c:	9.057e+00	-9.057e+00	1.233e+01	3.855e-01	-1.500e-01	1.500e-01	-4.990e+01	4.990e+01	1.977e+01	7.231e+00	9.488e+02	1.258e+02
El: 6 49 - C.c:	9.367e+00	-9.367e+00	1.241e+01	2.985e-01	6.842e-01	-6.842e-01	-5.074e+01	5.074e+01	-5.946e+01	-6.370e+01	9.559e+02	1.344e+02
El: 7 49 - C.c:	1.066e+01	-1.066e+01	1.234e+01	3.701e-01	-9.224e-01	9.224e-01	-5.400e+01	5.400e+01	7.950e+01	8.652e+01	9.494e+02	1.279e+02
El: 8 49 - C.c:	7.065e+00	-7.065e+00	9.486e+00	2.913e-01	-1.122e-01	1.122e-01	-3.863e+01	3.863e+01	1.421e+01	5.991e+00	7.302e+02	9.733e+01
El: 9 49 - C.c:	7.271e+00	-7.271e+00	9.544e+00	2.333e-01	4.439e-01	-4.439e-01	-3.919e+01	3.919e+01	-3.861e+01	-4.130e+01	7.349e+02	1.030e+02
El: 10 49 - C.c:	8.131e+00	-8.131e+00	9.497e+00	2.810e-01	-6.271e-01	6.271e-01	-4.137e+01	4.137e+01	5.403e+01	5.885e+01	7.307e+02	9.874e+01
El: 11 49 - C.c:	7.065e+00	-7.065e+00	9.486e+00	2.913e-01	-1.122e-01	1.122e-01	-3.863e+01	3.863e+01	1.421e+01	5.991e+00	7.302e+02	9.733e+01
El: 12 49 - C.c:	7.271e+00	-7.271e+00	9.544e+00	2.333e-01	4.439e-01	-4.439e-01	-3.919e+01	3.919e+01	-3.861e+01	-4.130e+01	7.349e+02	1.030e+02
El: 13 49 - C.c:	8.131e+00	-8.131e+00	9.497e+00	2.810e-01	-6.271e-01	6.271e-01	-4.137e+01	4.137e+01	5.403e+01	5.885e+01	7.307e+02	9.874e+01
El: 1 50 - C.c:	-1.577e+01	1.577e+01	2.472e+00	1.024e+01	8.889e-01	-8.889e-01	1.476e+01	-1.476e+01	-8.975e+01	-7.025e+01	4.243e+00	-7.033e+02
El: 2 50 - C.c:	-1.138e+01	1.138e+01	1.876e+00	7.902e+00	6.174e-01	-6.174e-01	1.067e+01	-1.067e+01	-6.218e+01	-4.896e+01	9.560e-01	-5.433e+02
El: 3 50 - C.c:	-7.466e+00	7.466e+00	1.744e+00	8.033e+00	2.726e-01	-2.726e-01	7.119e+00	-7.119e+00	-2.650e+01	-2.257e+01	-1.105e+01	-5.550e+02
El: 4 50 - C.c:	-6.487e+00	6.487e+00	1.711e+00	8.066e+00	1.864e-01	-1.864e-01	6.232e+00	-6.232e+00	-1.758e+01	-1.597e+01	-1.405e+01	-5.579e+02
El: 5 50 - C.c:	-1.091e+00	1.091e+00	1.978e+00	1.073e+01	-4.042e-01	4.042e-01	1.447e+00	-1.447e+00	4.403e+01	2.873e+01	-4.076e+01	-7.472e+02
El: 6 50 - C.c:	-1.895e+00	1.895e+00	2.474e+00	1.024e+01	3.262e-01	-3.262e-01	4.824e+00	-4.824e+00	-2.641e+01	-3.231e+01	5.613e+00	-7.042e+02
El: 7 50 - C.c:	-1.497e+01	1.497e+01	1.975e+00	1.074e+01	1.584e-01	-1.584e-01	1.138e+01	-1.138e+01	-1.931e+01	-9.212e+00	-4.213e+01	-7.463e+02
El: 8 50 - C.c:	-1.592e+00	1.592e+00	1.547e+00	8.231e+00	-2.446e-01	2.446e-01	1.795e+00	-1.795e+00	2.701e+01	1.702e+01	-2.905e+01	-5.725e+02
El: 9 50 - C.c:	-2.128e+00	2.128e+00	1.878e+00	7.900e+00	2.423e-01	-2.423e-01	4.047e+00	-4.047e+00	-1.995e+01	-2.367e+01	1.869e+00	-5.438e+02
El: 10 50 - C.c:	-1.085e+01	1.085e+01	1.545e+00	8.233e+00	1.305e-01	-1.305e-01	8.418e+00	-8.418e+00	-1.521e+01	-8.270e+00	-2.996e+01	-5.719e+02
El: 11 50 - C.c:	-1.592e+00	1.592e+00	1.547e+00	8.231e+00	-2.446e-01	2.446e-01	1.795e+00	-1.795e+00	2.701e+01	1.702e+01	-2.905e+01	-5.725e+02
El: 12 50 - C.c:	-2.128e+00	2.128e+00	1.878e+00	7.900e+00	2.423e-01	-2.423e-01	4.047e+00	-4.047e+00	-1.995e+01	-2.367e+01	1.869e+00	-5.438e+02
El: 13 50 - C.c:	-1.085e+01	1.085e+01	1.545e+00	8.233e+00	1.305e-01	-1.305e-01	8.418e+00	-8.418e+00	-1.521e+01	-8.270e+00	-2.996e+01	-5.719e+02
El: 1 51 - C.c:	1.081e+01	-1.081e+01	-1.251e+00	1.396e+01	-2.910e-01	2.910e-01	9.408e+01	-9.408e+01	1.424e+01	3.814e+01	-2.809e+02	-1.088e+03
El: 2 51 - C.c:	8.232e+00	-8.232e+00	-9.684e-01	1.075e+01	-2.947e-01	2.947e-01	7.185e+01	-7.185e+01	1.774e+01	3.530e+01	-2.167e+02	-8.376e+02
El: 3 51 - C.c:	7.805e+00	-7.805e+00	-1.001e+00	1.078e+01	-6.631e-01	6.631e-01	6.916e+01	-6.916e+01	5.303e+01	6.633e+01	-2.199e+02	-8.402e+02
El: 51 - C.c:	7.698e+00	-7.698e+00	-1.009e+00	1.079e+01	-7.552e-01	7.552e-01	6.849e+01	-6.849e+01	6.185e+01	7.408e+01	-2.207e+02	-8.409e+02

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Elem./C.c.		Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
4													
El: 5	51 - C.c:	9.207e+00	-9.207e+00	-1.372e+00	1.408e+01	-1.672e+00	1.672e+00	8.399e+01	-8.399e+01	1.466e+02	1.545e+02	-2.929e+02	-1.098e+03
El: 6	51 - C.c:	8.666e+00	-8.666e+00	-1.302e+00	1.401e+01	-7.549e-01	7.549e-01	8.620e+01	-8.620e+01	6.615e+01	6.973e+01	-2.853e+02	-1.093e+03
El: 7	51 - C.c:	1.135e+01	-1.135e+01	-1.321e+00	1.403e+01	-1.209e+00	1.209e+00	9.187e+01	-9.187e+01	9.465e+01	1.229e+02	-2.885e+02	-1.093e+03
El: 8	51 - C.c:	7.164e+00	-7.164e+00	-1.049e+00	1.083e+01	-1.216e+00	1.216e+00	6.512e+01	-6.512e+01	1.060e+02	1.129e+02	-2.247e+02	-8.442e+02
El: 9	51 - C.c:	6.804e+00	-6.804e+00	-1.002e+00	1.078e+01	-6.040e-01	6.040e-01	6.660e+01	-6.660e+01	5.235e+01	5.637e+01	-2.196e+02	-8.408e+02
El: 10	51 - C.c:	8.592e+00	-8.592e+00	-1.015e+00	1.079e+01	-9.064e-01	9.064e-01	7.038e+01	-7.038e+01	7.135e+01	9.180e+01	-2.218e+02	-8.410e+02
El: 11	51 - C.c:	7.164e+00	-7.164e+00	-1.049e+00	1.083e+01	-1.216e+00	1.216e+00	6.512e+01	-6.512e+01	1.060e+02	1.129e+02	-2.247e+02	-8.442e+02
El: 12	51 - C.c:	6.804e+00	-6.804e+00	-1.002e+00	1.078e+01	-6.040e-01	6.040e-01	6.660e+01	-6.660e+01	5.235e+01	5.637e+01	-2.196e+02	-8.408e+02
El: 13	51 - C.c:	8.592e+00	-8.592e+00	-1.015e+00	1.079e+01	-9.064e-01	9.064e-01	7.038e+01	-7.038e+01	7.135e+01	9.180e+01	-2.218e+02	-8.410e+02
El: 1	52 - C.c:	1.833e+01	-1.833e+01	1.977e+02	1.962e+02	3.931e+00	-3.931e+00	-2.317e+02	2.317e+02	-2.358e+02	-1.966e+02	2.933e+03	-2.850e+03
El: 2	52 - C.c:	1.561e+01	-1.561e+01	1.520e+02	1.510e+02	2.826e+00	-2.826e+00	-1.785e+02	1.785e+02	-1.709e+02	-1.400e+02	2.254e+03	-2.195e+03
El: 3	52 - C.c:	2.348e+01	-2.348e+01	1.518e+02	1.512e+02	1.800e+00	-1.800e+00	-1.802e+02	1.802e+02	-1.163e+02	-8.175e+01	2.244e+03	-2.208e+03
El: 4	52 - C.c:	2.545e+01	-2.545e+01	1.518e+02	1.512e+02	1.543e+00	-1.543e+00	-1.806e+02	1.806e+02	-1.026e+02	-6.718e+01	2.241e+03	-2.211e+03
El: 5	52 - C.c:	4.785e+01	-4.785e+01	1.969e+02	1.970e+02	8.197e-02	-8.197e-02	-2.378e+02	2.378e+02	-3.089e+01	2.187e+01	2.894e+03	-2.898e+03
El: 6	52 - C.c:	4.124e+01	-4.124e+01	1.981e+02	1.957e+02	2.289e+00	-2.289e+00	-2.366e+02	2.366e+02	-1.454e+02	-1.064e+02	2.957e+03	-2.826e+03
El: 7	52 - C.c:	2.494e+01	-2.494e+01	1.965e+02	1.974e+02	1.724e+00	-1.724e+00	-2.329e+02	2.329e+02	-1.214e+02	-6.826e+01	2.870e+03	-2.922e+03
El: 8	52 - C.c:	3.529e+01	-3.529e+01	1.515e+02	1.515e+02	2.604e-01	-2.604e-01	-1.826e+02	1.826e+02	-3.427e+01	5.625e+00	2.228e+03	-2.226e+03
El: 9	52 - C.c:	3.088e+01	-3.088e+01	1.523e+02	1.507e+02	1.732e+00	-1.732e+00	-1.818e+02	1.818e+02	-1.106e+02	-7.990e+01	2.270e+03	-2.179e+03
El: 10	52 - C.c:	2.002e+01	-2.002e+01	1.512e+02	1.518e+02	1.355e+00	-1.355e+00	-1.794e+02	1.794e+02	-9.460e+01	-5.447e+01	2.212e+03	-2.242e+03
El: 11	52 - C.c:	3.529e+01	-3.529e+01	1.515e+02	1.515e+02	2.604e-01	-2.604e-01	-1.826e+02	1.826e+02	-3.427e+01	5.625e+00	2.228e+03	-2.226e+03
El: 12	52 - C.c:	3.088e+01	-3.088e+01	1.523e+02	1.507e+02	1.732e+00	-1.732e+00	-1.818e+02	1.818e+02	-1.106e+02	-7.990e+01	2.270e+03	-2.179e+03
El: 13	52 - C.c:	2.002e+01	-2.002e+01	1.512e+02	1.518e+02	1.355e+00	-1.355e+00	-1.794e+02	1.794e+02	-9.460e+01	-5.447e+01	2.212e+03	-2.242e+03
El: 1	53 - C.c:	-2.015e+00	2.015e+00	4.391e+00	3.377e+00	-3.044e+00	3.044e+00	3.355e+00	-3.355e+00	1.318e+02	2.031e+02	8.297e+01	-2.717e+01
El: 2	53 - C.c:	-1.041e+00	1.041e+00	3.471e+00	2.504e+00	-2.162e+00	2.162e+00	3.144e+00	-3.144e+00	9.083e+01	1.470e+02	6.934e+01	-1.618e+01
El: 3	53 - C.c:	1.605e+00	-1.605e+00	3.954e+00	2.021e+00	-1.225e+00	1.225e+00	6.072e+00	-6.072e+00	3.607e+01	9.871e+01	9.799e+01	8.344e+00
El: 4	53 - C.c:	2.267e+00	-2.267e+00	4.075e+00	1.900e+00	-9.912e-01	9.912e-01	6.804e+00	-6.804e+00	2.239e+01	8.664e+01	1.052e+02	1.448e+01
El: 5	53 - C.c:	7.908e+00	-7.908e+00	6.204e+00	1.564e+00	4.673e-01	-4.673e-01	1.434e+01	-1.434e+01	-7.356e+01	2.215e+01	1.904e+02	6.481e+01
El: 6	53 - C.c:	3.912e+00	-3.912e+00	5.840e+00	1.928e+00	-2.047e+00	2.047e+00	1.497e+00	-1.497e+00	7.205e+01	1.531e+02	1.668e+02	4.834e+01
El: 7	53 - C.c:	1.981e+00	-1.981e+00	4.755e+00	3.012e+00	-5.302e-01	5.302e-01	1.619e+01	-1.619e+01	-1.385e+01	7.218e+01	1.066e+02	-1.070e+01
El: 8	53 - C.c:	5.574e+00	-5.574e+00	4.679e+00	1.296e+00	1.794e-01	-1.794e-01	1.046e+01	-1.046e+01	-4.605e+01	2.632e+01	1.410e+02	4.514e+01
El: 9	53 - C.c:	2.911e+00	-2.911e+00	4.437e+00	1.539e+00	-1.497e+00	1.497e+00	1.905e+00	-1.905e+00	5.102e+01	1.136e+02	1.252e+02	3.416e+01
El: 10	53 - C.c:	1.623e+00	-1.623e+00	3.714e+00	2.262e+00	-4.857e-01	4.857e-01	1.170e+01	-1.170e+01	-6.247e+00	5.967e+01	8.507e+01	-5.204e+00
El: 11	53 - C.c:	5.574e+00	-5.574e+00	4.679e+00	1.296e+00	1.794e-01	-1.794e-01	1.046e+01	-1.046e+01	-4.605e+01	2.632e+01	1.410e+02	4.514e+01
El: 12	53 - C.c:	2.911e+00	-2.911e+00	4.437e+00	1.539e+00	-1.497e+00	1.497e+00	1.905e+00	-1.905e+00	5.102e+01	1.136e+02	1.252e+02	3.416e+01
El: 13	53 - C.c:	1.623e+00	-1.623e+00	3.714e+00	2.262e+00	-4.857e-01	4.857e-01	1.170e+01	-1.170e+01	-6.247e+00	5.967e+01	8.507e+01	-5.204e+00
El: 1	54 - C.c:	4.657e+01	-4.657e+01	1.932e+02	2.007e+02	4.728e-01	-4.728e-01	3.078e+02	-3.078e+02	-1.495e+00	-5.051e+01	2.725e+03	-3.136e+03
El: 2	54 - C.c:	3.585e+01	-3.585e+01	1.486e+02	1.544e+02	1.026e-01	-1.026e-01	2.368e+02	-2.368e+02	1.367e+01	-2.495e+01	2.096e+03	-2.413e+03
El: 3	54 - C.c:	3.601e+01	-3.601e+01	1.486e+02	1.544e+02	-1.255e+00	1.255e+00	2.369e+02	-2.369e+02	9.073e+01	4.734e+01	2.096e+03	-2.414e+03
El: 4	54 - C.c:	3.605e+01	-3.605e+01	1.486e+02	1.544e+02	-1.595e+00	1.595e+00	2.369e+02	-2.369e+02	1.100e+02	6.541e+01	2.096e+03	-2.415e+03

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 5 54 - C.c:	4.717e+01	-4.717e+01	1.931e+02	2.007e+02	-4.619e+00	4.619e+00	3.081e+02	-3.081e+02	2.875e+02	2.206e+02	2.723e+03	-3.141e+03
El: 6 54 - C.c:	4.587e+01	-4.587e+01	1.932e+02	2.007e+02	-1.444e+00	1.444e+00	3.071e+02	-3.071e+02	1.089e+02	4.998e+01	2.728e+03	-3.139e+03
El: 7 54 - C.c:	4.787e+01	-4.787e+01	1.931e+02	2.007e+02	-2.702e+00	2.702e+00	3.088e+02	-3.088e+02	1.771e+02	1.201e+02	2.720e+03	-3.138e+03
El: 8 54 - C.c:	3.626e+01	-3.626e+01	1.486e+02	1.544e+02	-3.292e+00	3.292e+00	2.370e+02	-2.370e+02	2.063e+02	1.558e+02	2.095e+03	-2.416e+03
El: 9 54 - C.c:	3.539e+01	-3.539e+01	1.486e+02	1.544e+02	-1.176e+00	1.176e+00	2.363e+02	-2.363e+02	8.727e+01	4.204e+01	2.098e+03	-2.415e+03
El: 10 54 - C.c:	3.672e+01	-3.672e+01	1.486e+02	1.544e+02	-2.014e+00	2.014e+00	2.374e+02	-2.374e+02	1.327e+02	8.879e+01	2.093e+03	-2.414e+03
El: 11 54 - C.c:	3.626e+01	-3.626e+01	1.486e+02	1.544e+02	-3.292e+00	3.292e+00	2.370e+02	-2.370e+02	2.063e+02	1.558e+02	2.095e+03	-2.416e+03
El: 12 54 - C.c:	3.539e+01	-3.539e+01	1.486e+02	1.544e+02	-1.176e+00	1.176e+00	2.363e+02	-2.363e+02	8.727e+01	4.204e+01	2.098e+03	-2.415e+03
El: 13 54 - C.c:	3.672e+01	-3.672e+01	1.486e+02	1.544e+02	-2.014e+00	2.014e+00	2.374e+02	-2.374e+02	1.327e+02	8.879e+01	2.093e+03	-2.414e+03
El: 1 55 - C.c:	5.120e+01	-5.120e+01	2.005e+02	1.933e+02	-5.471e-01	5.471e-01	5.419e+01	-5.419e+01	4.682e+01	1.337e+01	2.979e+03	-2.584e+03
El: 2 55 - C.c:	3.951e+01	-3.951e+01	1.542e+02	1.488e+02	-6.081e-01	6.081e-01	4.124e+01	-4.124e+01	4.592e+01	2.097e+01	2.291e+03	-1.990e+03
El: 3 55 - C.c:	4.016e+01	-4.016e+01	1.540e+02	1.489e+02	-1.581e+00	1.581e+00	3.893e+01	-3.893e+01	9.742e+01	7.653e+01	2.285e+03	-2.004e+03
El: 4 55 - C.c:	4.033e+01	-4.033e+01	1.540e+02	1.490e+02	-1.825e+00	1.825e+00	3.835e+01	-3.835e+01	1.103e+02	9.042e+01	2.283e+03	-2.007e+03
El: 5 55 - C.c:	5.364e+01	-5.364e+01	1.999e+02	1.940e+02	-4.197e+00	4.197e+00	4.554e+01	-4.554e+01	2.399e+02	2.217e+02	2.957e+03	-2.635e+03
El: 6 55 - C.c:	5.128e+01	-5.128e+01	2.007e+02	1.931e+02	-2.690e+00	2.690e+00	4.802e+01	-4.802e+01	1.672e+02	1.287e+02	2.988e+03	-2.572e+03
El: 7 55 - C.c:	5.356e+01	-5.356e+01	1.997e+02	1.942e+02	-2.054e+00	2.054e+00	5.171e+01	-5.171e+01	1.195e+02	1.064e+02	2.948e+03	-2.647e+03
El: 8 55 - C.c:	4.114e+01	-4.114e+01	1.538e+02	1.492e+02	-3.041e+00	3.041e+00	3.547e+01	-3.547e+01	1.747e+02	1.599e+02	2.276e+03	-2.024e+03
El: 9 55 - C.c:	3.957e+01	-3.957e+01	1.543e+02	1.486e+02	-2.037e+00	2.037e+00	3.712e+01	-3.712e+01	1.262e+02	9.783e+01	2.297e+03	-1.982e+03
El: 10 55 - C.c:	4.109e+01	-4.109e+01	1.536e+02	1.493e+02	-1.613e+00	1.613e+00	3.958e+01	-3.958e+01	9.439e+01	8.301e+01	2.270e+03	-2.032e+03
El: 11 55 - C.c:	4.114e+01	-4.114e+01	1.538e+02	1.492e+02	-3.041e+00	3.041e+00	3.547e+01	-3.547e+01	1.747e+02	1.599e+02	2.276e+03	-2.024e+03
El: 12 55 - C.c:	3.957e+01	-3.957e+01	1.543e+02	1.486e+02	-2.037e+00	2.037e+00	3.712e+01	-3.712e+01	1.262e+02	9.783e+01	2.297e+03	-1.982e+03
El: 13 55 - C.c:	4.109e+01	-4.109e+01	1.536e+02	1.493e+02	-1.613e+00	1.613e+00	3.958e+01	-3.958e+01	9.439e+01	8.301e+01	2.270e+03	-2.032e+03
El: 1 56 - C.c:	5.181e+01	-5.181e+01	2.005e+02	1.934e+02	1.580e+00	-1.580e+00	8.171e+01	-8.171e+01	-6.436e+01	-1.094e+02	2.985e+03	-2.597e+03
El: 2 56 - C.c:	3.995e+01	-3.995e+01	1.542e+02	1.488e+02	1.173e+00	-1.173e+00	6.258e+01	-6.258e+01	-4.733e+01	-8.167e+01	2.297e+03	-2.000e+03
El: 3 56 - C.c:	4.044e+01	-4.044e+01	1.541e+02	1.489e+02	9.527e-01	-9.527e-01	6.111e+01	-6.111e+01	-3.599e+01	-6.880e+01	2.298e+03	-2.009e+03
El: 4 56 - C.c:	4.056e+01	-4.056e+01	1.541e+02	1.489e+02	8.976e-01	-8.976e-01	6.075e+01	-6.075e+01	-3.316e+01	-6.558e+01	2.299e+03	-2.011e+03
El: 5 56 - C.c:	5.364e+01	-5.364e+01	2.002e+02	1.937e+02	7.543e-01	-7.543e-01	7.623e+01	-7.623e+01	-2.185e+01	-6.112e+01	2.991e+03	-2.631e+03
El: 6 56 - C.c:	5.196e+01	-5.196e+01	2.004e+02	1.934e+02	-1.152e+00	1.152e+00	7.901e+01	-7.901e+01	8.773e+01	3.901e+01	2.982e+03	-2.597e+03
El: 7 56 - C.c:	5.349e+01	-5.349e+01	2.002e+02	1.936e+02	3.486e+00	-3.486e+00	7.893e+01	-7.893e+01	-1.739e+02	-2.095e+02	2.994e+03	-2.632e+03
El: 8 56 - C.c:	4.117e+01	-4.117e+01	1.540e+02	1.490e+02	6.226e-01	-6.226e-01	5.892e+01	-5.892e+01	-1.899e+01	-4.949e+01	2.300e+03	-2.022e+03
El: 9 56 - C.c:	4.005e+01	-4.005e+01	1.542e+02	1.488e+02	-6.485e-01	6.485e-01	6.077e+01	-6.077e+01	5.407e+01	1.726e+01	2.295e+03	-1.999e+03
El: 10 56 - C.c:	4.107e+01	-4.107e+01	1.540e+02	1.489e+02	2.444e+00	-2.444e+00	6.072e+01	-6.072e+01	-1.204e+02	-1.484e+02	2.303e+03	-2.023e+03
El: 11 56 - C.c:	4.117e+01	-4.117e+01	1.540e+02	1.490e+02	6.226e-01	-6.226e-01	5.892e+01	-5.892e+01	-1.899e+01	-4.949e+01	2.300e+03	-2.022e+03
El: 12 56 - C.c:	4.005e+01	-4.005e+01	1.542e+02	1.488e+02	-6.485e-01	6.485e-01	6.077e+01	-6.077e+01	5.407e+01	1.726e+01	2.295e+03	-1.999e+03
El: 13 56 - C.c:	4.107e+01	-4.107e+01	1.540e+02	1.489e+02	2.444e+00	-2.444e+00	6.072e+01	-6.072e+01	-1.204e+02	-1.484e+02	2.303e+03	-2.023e+03
El: 1 57 - C.c:	1.976e+00	-1.976e+00	6.631e+00	6.080e+00	-2.181e-01	2.181e-01	-2.104e+00	2.104e+00	1.610e+01	2.315e+01	2.206e+02	-1.709e+02
El: 2 57 - C.c:	1.820e+00	-1.820e+00	5.135e+00	4.642e+00	-8.035e-02	8.035e-02	-1.649e+00	1.649e+00	5.209e+00	9.254e+00	1.727e+02	-1.283e+02
El: 3 57 - C.c:	3.382e+00	-3.382e+00	5.314e+00	4.464e+00	3.741e-01	-3.741e-01	-1.806e+00	1.806e+00	-3.211e+01	-3.522e+01	1.884e+02	-1.119e+02
El: 4 57 - C.c:	3.772e+00	-3.772e+00	5.358e+00	4.419e+00	4.877e-01	-4.877e-01	-1.845e+00	1.845e+00	-4.144e+01	-4.634e+01	1.923e+02	-1.078e+02
El: 57 - C.c:	7.832e+00	-7.832e+00	7.300e+00	5.411e+00	1.486e+00	-1.486e+00	-2.693e+00	2.693e+00	-1.238e+02	-1.436e+02	2.794e+02	-1.093e+02

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 5 57 - C.c:	3.800e+00	-3.800e+00	7.219e+00	5.492e+00	1.728e-01	-1.728e-01	-2.051e+00	2.051e+00	-1.960e+01	-1.150e+01	2.723e+02	-1.168e+02
El: 6 57 - C.c:	6.008e+00	-6.008e+00	6.712e+00	5.999e+00	1.095e+00	-1.095e+00	-2.746e+00	2.746e+00	-8.815e+01	-1.090e+02	2.277e+02	-1.635e+02
El: 7 57 - C.c:	5.724e+00	-5.724e+00	5.581e+00	4.196e+00	1.056e+00	-1.056e+00	-2.041e+00	2.041e+00	-8.809e+01	-1.019e+02	2.119e+02	-8.724e+01
El: 8 57 - C.c:	3.036e+00	-3.036e+00	5.527e+00	4.250e+00	1.802e-01	-1.802e-01	-1.613e+00	1.613e+00	-1.859e+01	-1.385e+01	2.071e+02	-9.220e+01
El: 9 57 - C.c:	4.508e+00	-4.508e+00	5.189e+00	4.588e+00	7.951e-01	-7.951e-01	-2.077e+00	2.077e+00	-6.429e+01	-7.883e+01	1.775e+02	-1.234e+02
El: 10 57 - C.c:	5.724e+00	-5.724e+00	5.581e+00	4.196e+00	1.056e+00	-1.056e+00	-2.041e+00	2.041e+00	-8.809e+01	-1.019e+02	2.119e+02	-8.724e+01
El: 11 57 - C.c:	3.036e+00	-3.036e+00	5.527e+00	4.250e+00	1.802e-01	-1.802e-01	-1.613e+00	1.613e+00	-1.859e+01	-1.385e+01	2.071e+02	-9.220e+01
El: 12 57 - C.c:	4.508e+00	-4.508e+00	5.189e+00	4.588e+00	7.951e-01	-7.951e-01	-2.077e+00	2.077e+00	-6.429e+01	-7.883e+01	1.775e+02	-1.234e+02
El: 13 57 - C.c:	7.163e+00	-7.163e+00	1.053e+01	2.184e+00	6.150e-01	-6.150e-01	-4.500e+01	4.500e+01	-6.364e+01	-4.707e+01	7.853e+02	-3.435e+01
El: 1 58 - C.c:	5.348e+00	-5.348e+00	8.124e+00	1.654e+00	5.619e-01	-5.619e-01	-3.429e+01	3.429e+01	-5.677e+01	-4.437e+01	6.066e+02	-2.430e+01
El: 2 58 - C.c:	4.506e+00	-4.506e+00	8.259e+00	1.519e+00	1.023e+00	-1.023e+00	-3.260e+01	3.260e+01	-9.743e+01	-8.680e+01	6.199e+02	-1.329e+01
El: 3 58 - C.c:	4.296e+00	-4.296e+00	8.292e+00	1.485e+00	1.139e+00	-1.139e+00	-3.218e+01	3.218e+01	-1.076e+02	-9.740e+01	6.232e+02	-1.054e+01
El: 4 58 - C.c:	4.006e+00	-4.006e+00	1.103e+01	1.678e+00	2.346e+00	-2.346e+00	-3.866e+01	3.866e+01	-2.161e+02	-2.062e+02	8.351e+02	6.938e+00
El: 5 58 - C.c:	8.014e+00	-8.014e+00	1.094e+01	1.770e+00	1.158e+00	-1.158e+00	-4.645e+01	4.645e+01	-1.145e+02	-9.395e+01	8.261e+02	-5.805e-01
El: 6 58 - C.c:	3.154e+00	-3.154e+00	1.062e+01	2.092e+00	1.803e+00	-1.803e+00	-3.720e+01	3.720e+01	-1.653e+02	-1.593e+02	7.943e+02	-2.683e+01
El: 7 58 - C.c:	3.243e+00	-3.243e+00	8.461e+00	1.317e+00	1.716e+00	-1.716e+00	-3.006e+01	3.006e+01	-1.584e+02	-1.504e+02	6.398e+02	3.220e+00
El: 8 58 - C.c:	5.915e+00	-5.915e+00	8.400e+00	1.378e+00	9.238e-01	-9.238e-01	-3.526e+01	3.526e+01	-9.068e+01	-7.562e+01	6.338e+02	-1.792e+00
El: 9 58 - C.c:	2.676e+00	-2.676e+00	8.185e+00	1.592e+00	1.354e+00	-1.354e+00	-2.909e+01	2.909e+01	-1.245e+02	-1.192e+02	6.126e+02	-1.929e+01
El: 10 58 - C.c:	3.243e+00	-3.243e+00	8.461e+00	1.317e+00	1.716e+00	-1.716e+00	-3.006e+01	3.006e+01	-1.584e+02	-1.504e+02	6.398e+02	3.220e+00
El: 11 58 - C.c:	5.915e+00	-5.915e+00	8.400e+00	1.378e+00	9.238e-01	-9.238e-01	-3.526e+01	3.526e+01	-9.068e+01	-7.562e+01	6.338e+02	-1.792e+00
El: 12 58 - C.c:	2.676e+00	-2.676e+00	8.185e+00	1.592e+00	1.354e+00	-1.354e+00	-2.909e+01	2.909e+01	-1.245e+02	-1.192e+02	6.126e+02	-1.929e+01
El: 13 58 - C.c:	4.283e+00	-4.283e+00	6.399e+00	6.312e+00	-1.001e+00	1.001e+00	-1.662e+00	1.662e+00	1.003e+02	7.983e+01	1.962e+02	-1.884e+02
El: 1 59 - C.c:	3.383e+00	-3.383e+00	4.957e+00	4.821e+00	-7.215e-01	7.215e-01	-1.432e+00	1.432e+00	7.357e+01	5.630e+01	1.541e+02	-1.418e+02
El: 2 59 - C.c:	3.846e+00	-3.846e+00	5.139e+00	4.638e+00	-4.698e-01	4.698e-01	-2.231e+00	2.231e+00	5.484e+01	2.973e+01	1.708e+02	-1.257e+02
El: 3 59 - C.c:	3.961e+00	-3.961e+00	5.185e+00	4.593e+00	-4.069e-01	4.069e-01	-2.430e+00	2.430e+00	5.015e+01	2.308e+01	1.749e+02	-1.217e+02
El: 4 59 - C.c:	6.017e+00	-6.017e+00	7.082e+00	5.629e+00	-5.699e-02	5.699e-02	-4.656e+00	4.656e+00	3.007e+01	-1.981e+01	2.586e+02	-1.279e+02
El: 5 59 - C.c:	2.354e+00	-2.354e+00	6.998e+00	5.712e+00	-3.967e-01	3.967e-01	-4.799e-01	4.799e-01	4.277e+01	2.864e+01	2.510e+02	-1.353e+02
El: 6 59 - C.c:	7.945e+00	-7.945e+00	6.482e+00	6.229e+00	-6.612e-01	6.612e-01	-5.838e+00	5.838e+00	8.763e+01	3.138e+01	2.038e+02	-1.810e+02
El: 7 59 - C.c:	4.539e+00	-4.539e+00	5.413e+00	4.365e+00	-9.225e-02	9.225e-02	-3.428e+00	3.428e+00	2.674e+01	-1.013e+01	1.958e+02	-1.015e+02
El: 8 59 - C.c:	2.098e+00	-2.098e+00	5.357e+00	4.421e+00	-3.187e-01	3.187e-01	-6.440e-01	6.440e-01	3.520e+01	2.217e+01	1.907e+02	-1.064e+02
El: 9 59 - C.c:	5.825e+00	-5.825e+00	5.013e+00	4.765e+00	-4.950e-01	4.950e-01	-4.216e+00	4.216e+00	6.511e+01	2.400e+01	1.592e+02	-1.369e+02
El: 10 59 - C.c:	4.539e+00	-4.539e+00	5.413e+00	4.365e+00	-9.225e-02	9.225e-02	-3.428e+00	3.428e+00	2.674e+01	-1.013e+01	1.958e+02	-1.015e+02
El: 11 59 - C.c:	2.098e+00	-2.098e+00	5.357e+00	4.421e+00	-3.187e-01	3.187e-01	-6.440e-01	6.440e-01	3.520e+01	2.217e+01	1.907e+02	-1.064e+02
El: 12 59 - C.c:	5.825e+00	-5.825e+00	5.013e+00	4.765e+00	-4.950e-01	4.950e-01	-4.216e+00	4.216e+00	6.511e+01	2.400e+01	1.592e+02	-1.369e+02
El: 13 59 - C.c:	5.671e+00	-5.671e+00	4.259e+00	8.452e+00	-2.055e-01	2.055e-01	4.132e-02	-4.132e-02	3.228e+01	4.705e+00	-1.899e+01	-3.584e+02
El: 1 60 - C.c:	4.134e+00	-4.134e+00	3.298e+00	6.480e+00	-1.205e-01	1.205e-01	-1.318e-02	1.318e-02	2.235e+01	-6.625e-01	-1.273e+01	-2.736e+02
El: 2 60 - C.c:	2.947e+00	-2.947e+00	3.413e+00	6.365e+00	7.474e-02	-7.474e-02	-2.470e-01	2.470e-01	9.471e+00	-2.293e+01	-2.937e+00	-2.627e+02
El: 3 60 - C.c:	2.650e+00	-2.650e+00	3.442e+00	6.336e+00	1.236e-01	-1.236e-01	-3.055e-01	3.055e-01	6.250e+00	-2.849e+01	-4.891e-01	-2.600e+02
El: 4 60 - C.c:	1.220e+00	-1.220e+00	4.689e+00	8.021e+00	5.267e-01	-5.267e-01	-8.356e-01	8.356e-01	-1.603e+01	-7.878e+01	1.772e+01	-3.176e+02
El: 5 60 - C.c:												

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 6 60 - C.c:	6.477e+00	-6.477e+00	4.617e+00	8.094e+00	4.875e-01	-4.875e-01	6.309e-01	-6.309e-01	-3.370e+01	-5.405e+01	1.141e+01	-3.244e+02
El: 7 60 - C.c:	4.141e-01	-4.141e-01	4.331e+00	8.379e+00	-1.663e-01	1.663e-01	-1.425e+00	1.425e+00	4.996e+01	-2.003e+01	-1.268e+01	-3.516e+02
El: 8 60 - C.c:	1.167e+00	-1.167e+00	3.585e+00	6.192e+00	3.676e-01	-3.676e-01	-5.978e-01	5.978e-01	-9.853e+00	-5.632e+01	1.175e+01	-2.464e+02
El: 9 60 - C.c:	4.671e+00	-4.671e+00	3.537e+00	6.241e+00	3.415e-01	-3.415e-01	3.798e-01	-3.798e-01	-2.164e+01	-3.983e+01	7.543e+00	-2.510e+02
El: 10 60 - C.c:	6.295e-01	-6.295e-01	3.347e+00	6.431e+00	-9.437e-02	9.437e-02	-9.908e-01	9.908e-01	3.414e+01	-1.715e+01	-8.521e+00	-2.691e+02
El: 11 60 - C.c:	1.167e+00	-1.167e+00	3.585e+00	6.192e+00	3.676e-01	-3.676e-01	-5.978e-01	5.978e-01	-9.853e+00	-5.632e+01	1.175e+01	-2.464e+02
El: 12 60 - C.c:	4.671e+00	-4.671e+00	3.537e+00	6.241e+00	3.415e-01	-3.415e-01	3.798e-01	-3.798e-01	-2.164e+01	-3.983e+01	7.543e+00	-2.510e+02
El: 13 60 - C.c:	6.295e-01	-6.295e-01	3.347e+00	6.431e+00	-9.437e-02	9.437e-02	-9.908e-01	9.908e-01	3.414e+01	-1.715e+01	-8.521e+00	-2.691e+02
El: 1 61 - C.c:	5.287e+01	-5.287e+01	1.957e+02	1.982e+02	2.362e+00	-2.362e+00	4.239e+01	-4.239e+01	-1.334e+02	-1.265e+02	2.755e+03	-2.890e+03
El: 2 61 - C.c:	4.095e+01	-4.095e+01	1.506e+02	1.523e+02	1.835e+00	-1.835e+00	3.159e+01	-3.159e+01	-1.034e+02	-9.840e+01	2.126e+03	-2.219e+03
El: 3 61 - C.c:	4.240e+01	-4.240e+01	1.512e+02	1.518e+02	1.927e+00	-1.927e+00	2.628e+01	-2.628e+01	-1.079e+02	-1.041e+02	2.160e+03	-2.196e+03
El: 4 61 - C.c:	4.276e+01	-4.276e+01	1.513e+02	1.517e+02	1.950e+00	-1.950e+00	2.496e+01	-2.496e+01	-1.090e+02	-1.055e+02	2.168e+03	-2.191e+03
El: 5 61 - C.c:	5.831e+01	-5.831e+01	1.976e+02	1.962e+02	2.709e+00	-2.709e+00	2.249e+01	-2.249e+01	-1.501e+02	-1.479e+02	2.883e+03	-2.805e+03
El: 6 61 - C.c:	5.049e+01	-5.049e+01	1.948e+02	1.990e+02	6.693e-01	-6.693e-01	2.796e+01	-2.796e+01	-3.786e+01	-3.576e+01	2.699e+03	-2.931e+03
El: 7 61 - C.c:	6.069e+01	-6.069e+01	1.985e+02	1.954e+02	4.402e+00	-4.402e+00	3.693e+01	-3.693e+01	-2.456e+02	-2.386e+02	2.939e+03	-2.764e+03
El: 8 61 - C.c:	4.457e+01	-4.457e+01	1.519e+02	1.510e+02	2.066e+00	-2.066e+00	1.832e+01	-1.832e+01	-1.146e+02	-1.127e+02	2.211e+03	-2.162e+03
El: 9 61 - C.c:	3.936e+01	-3.936e+01	1.501e+02	1.529e+02	7.063e-01	-7.063e-01	2.196e+01	-2.196e+01	-3.978e+01	-3.791e+01	2.088e+03	-2.246e+03
El: 10 61 - C.c:	4.616e+01	-4.616e+01	1.525e+02	1.505e+02	3.195e+00	-3.195e+00	2.795e+01	-2.795e+01	-1.783e+02	-1.731e+02	2.248e+03	-2.135e+03
El: 11 61 - C.c:	4.457e+01	-4.457e+01	1.519e+02	1.510e+02	2.066e+00	-2.066e+00	1.832e+01	-1.832e+01	-1.146e+02	-1.127e+02	2.211e+03	-2.162e+03
El: 12 61 - C.c:	3.936e+01	-3.936e+01	1.501e+02	1.529e+02	7.063e-01	-7.063e-01	2.196e+01	-2.196e+01	-3.978e+01	-3.791e+01	2.088e+03	-2.246e+03
El: 13 61 - C.c:	4.616e+01	-4.616e+01	1.525e+02	1.505e+02	3.195e+00	-3.195e+00	2.795e+01	-2.795e+01	-1.783e+02	-1.731e+02	2.248e+03	-2.135e+03
El: 1 62 - C.c:	5.397e+00	-5.397e+00	7.533e+00	5.178e+00	-1.530e+00	1.530e+00	9.376e+00	-9.376e+00	1.501e+02	1.253e+02	2.600e+02	-4.807e+01
El: 2 62 - C.c:	3.894e+00	-3.894e+00	5.846e+00	3.931e+00	-1.196e+00	1.196e+00	6.615e+00	-6.615e+00	1.175e+02	9.784e+01	2.041e+02	-3.178e+01
El: 3 62 - C.c:	2.555e+00	-2.555e+00	6.116e+00	3.662e+00	-1.296e+00	1.296e+00	3.509e+00	-3.509e+00	1.278e+02	1.055e+02	2.256e+02	-4.725e+00
El: 4 62 - C.c:	2.220e+00	-2.220e+00	6.184e+00	3.594e+00	-1.321e+00	1.321e+00	2.732e+00	-2.732e+00	1.304e+02	1.074e+02	2.310e+02	2.038e+00
El: 5 62 - C.c:	3.755e-01	-3.755e-01	8.544e+00	4.166e+00	-1.905e+00	1.905e+00	-2.272e+00	2.272e+00	1.889e+02	1.541e+02	3.406e+02	5.337e+01
El: 6 62 - C.c:	4.695e-02	-4.695e-02	8.337e+00	4.374e+00	-5.610e-01	5.610e-01	1.326e+01	-1.326e+01	6.851e+01	3.247e+01	3.257e+02	3.105e+01
El: 7 62 - C.c:	5.725e+00	-5.725e+00	7.740e+00	4.971e+00	-2.874e+00	2.874e+00	-6.157e+00	6.157e+00	2.705e+02	2.469e+02	2.749e+02	-2.576e+01
El: 8 62 - C.c:	5.464e-01	-5.464e-01	6.521e+00	3.257e+00	-1.446e+00	1.446e+00	-1.150e+00	1.150e+00	1.433e+02	1.170e+02	2.579e+02	3.585e+01
El: 9 62 - C.c:	3.273e-01	-3.273e-01	6.383e+00	3.395e+00	-5.502e-01	5.502e-01	9.205e+00	-9.205e+00	6.306e+01	3.597e+01	2.479e+02	2.097e+01
El: 10 62 - C.c:	4.113e+00	-4.113e+00	5.984e+00	3.793e+00	-2.092e+00	2.092e+00	-3.740e+00	3.740e+00	1.977e+02	1.789e+02	2.141e+02	-1.690e+01
El: 11 62 - C.c:	5.464e-01	-5.464e-01	6.521e+00	3.257e+00	-1.446e+00	1.446e+00	-1.150e+00	1.150e+00	1.433e+02	1.170e+02	2.579e+02	3.585e+01
El: 12 62 - C.c:	3.273e-01	-3.273e-01	6.383e+00	3.395e+00	-5.502e-01	5.502e-01	9.205e+00	-9.205e+00	6.306e+01	3.597e+01	2.479e+02	2.097e+01
El: 13 62 - C.c:	4.113e+00	-4.113e+00	5.984e+00	3.793e+00	-2.092e+00	2.092e+00	-3.740e+00	3.740e+00	1.977e+02	1.789e+02	2.141e+02	-1.690e+01
El: 1 63 - C.c:	2.584e+00	-2.584e+00	5.249e+00	7.462e+00	-1.143e+00	1.143e+00	2.788e+01	-2.788e+01	9.943e+01	1.063e+02	8.201e+01	-2.811e+02
El: 2 63 - C.c:	1.863e+00	-1.863e+00	4.063e+00	5.715e+00	-8.992e-01	8.992e-01	2.097e+01	-2.097e+01	7.870e+01	8.315e+01	6.537e+01	-2.141e+02
El: 3 63 - C.c:	1.215e+00	-1.215e+00	4.193e+00	5.585e+00	-1.003e+00	1.003e+00	1.850e+01	-1.850e+01	9.022e+01	9.032e+01	7.725e+01	-2.025e+02
El: 4 63 - C.c:	1.052e+00	-1.052e+00	4.225e+00	5.552e+00	-1.029e+00	1.029e+00	1.788e+01	-1.788e+01	9.310e+01	9.211e+01	8.022e+01	-1.997e+02
El: 5 63 - C.c:	1.516e-01	-1.516e-01	5.737e+00	6.974e+00	-1.532e+00	1.532e+00	1.860e+01	-1.860e+01	1.426e+02	1.332e+02	1.266e+02	-2.380e+02
El: 63 - C.c:	3.105e+00	-3.105e+00	5.557e+00	7.153e+00	-8.781e-02	8.781e-02	3.039e+01	-3.039e+01	1.039e+01	5.410e+00	1.128e+02	-2.564e+02

COMUNE DI PRAIANO cc_g976 0007113 Uscita 07/08/2025 15:08
COMUNE DI PRAIANO cc_g976 0007619 Ingresso 09/09/2024 12:39

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
6												
El: 7 63 - C.c:	-3.688e-01	3.688e-01	5.428e+00	7.283e+00	-2.588e+00	2.588e+00	1.609e+01	-1.609e+01	2.317e+02	2.341e+02	9.578e+01	-2.627e+02
El: 8 63 - C.c:	2.414e-01	-2.414e-01	4.388e+00	5.390e+00	-1.159e+00	1.159e+00	1.479e+01	-1.479e+01	1.075e+02	1.011e+02	9.508e+01	-1.853e+02
El: 9 63 - C.c:	2.210e+00	-2.210e+00	4.268e+00	5.509e+00	-1.957e-01	1.957e-01	2.264e+01	-2.264e+01	1.934e+01	1.589e+01	8.590e+01	-1.976e+02
El: 10 63 - C.c:	-1.055e-01	1.055e-01	4.182e+00	5.595e+00	-1.862e+00	1.862e+00	1.311e+01	-1.311e+01	1.669e+02	1.683e+02	7.455e+01	-2.017e+02
El: 11 63 - C.c:	2.414e-01	-2.414e-01	4.388e+00	5.390e+00	-1.159e+00	1.159e+00	1.479e+01	-1.479e+01	1.075e+02	1.011e+02	9.508e+01	-1.853e+02
El: 12 63 - C.c:	2.210e+00	-2.210e+00	4.268e+00	5.509e+00	-1.957e-01	1.957e-01	2.264e+01	-2.264e+01	1.934e+01	1.589e+01	8.590e+01	-1.976e+02
El: 13 63 - C.c:	-1.055e-01	1.055e-01	4.182e+00	5.595e+00	-1.862e+00	1.862e+00	1.311e+01	-1.311e+01	1.669e+02	1.683e+02	7.455e+01	-2.017e+02

GRUPPO NUMERO: 3 - DESCRIZIONE: DIAGONALI PONTEGGIO

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 1 1 - C.c:	1.133e+02	-9.918e+01	6.462e+00	6.246e+00	1.983e+00	-1.983e+00	-7.489e+01	7.489e+01	-1.433e+02	-3.902e+02	2.975e+02	-2.686e+02
El: 2 1 - C.c:	8.564e+01	-7.477e+01	4.982e+00	4.794e+00	1.520e+00	-1.520e+00	-5.793e+01	5.793e+01	-1.098e+02	-2.992e+02	2.299e+02	-2.047e+02
El: 3 1 - C.c:	7.773e+01	-6.687e+01	5.039e+00	4.736e+00	1.492e+00	-1.492e+00	-5.957e+01	5.957e+01	-1.077e+02	-2.938e+02	2.353e+02	-1.945e+02
El: 4 1 - C.c:	7.576e+01	-6.490e+01	5.054e+00	4.722e+00	1.485e+00	-1.485e+00	-5.998e+01	5.998e+01	-1.072e+02	-2.925e+02	2.367e+02	-1.920e+02
El: 5 1 - C.c:	8.367e+01	-6.955e+01	6.679e+00	6.029e+00	1.879e+00	-1.879e+00	-8.107e+01	8.107e+01	-1.353e+02	-3.702e+02	3.179e+02	-2.306e+02
El: 6 1 - C.c:	1.125e+02	-9.834e+01	6.564e+00	6.144e+00	1.369e+00	-1.369e+00	-7.291e+01	7.291e+01	-5.907e+01	-3.092e+02	3.067e+02	-2.501e+02
El: 7 1 - C.c:	8.451e+01	-7.039e+01	6.576e+00	6.132e+00	2.493e+00	-2.493e+00	-8.305e+01	8.305e+01	-2.195e+02	-4.513e+02	3.087e+02	-2.491e+02
El: 8 1 - C.c:	6.588e+01	-5.502e+01	5.126e+00	4.649e+00	1.451e+00	-1.451e+00	-6.204e+01	6.204e+01	-1.045e+02	-2.858e+02	2.435e+02	-1.793e+02
El: 9 1 - C.c:	8.508e+01	-7.421e+01	5.050e+00	4.725e+00	1.110e+00	-1.110e+00	-5.660e+01	5.660e+01	-5.367e+01	-2.451e+02	2.360e+02	-1.923e+02
El: 10 1 - C.c:	6.644e+01	-5.558e+01	5.058e+00	4.718e+00	1.860e+00	-1.860e+00	-6.337e+01	6.337e+01	-1.606e+02	-3.399e+02	2.374e+02	-1.917e+02
El: 11 1 - C.c:	6.588e+01	-5.502e+01	5.126e+00	4.649e+00	1.451e+00	-1.451e+00	-6.204e+01	6.204e+01	-1.045e+02	-2.858e+02	2.435e+02	-1.793e+02
El: 12 1 - C.c:	8.508e+01	-7.421e+01	5.050e+00	4.725e+00	1.110e+00	-1.110e+00	-5.660e+01	5.660e+01	-5.367e+01	-2.451e+02	2.360e+02	-1.923e+02
El: 13 1 - C.c:	6.644e+01	-5.558e+01	5.058e+00	4.718e+00	1.860e+00	-1.860e+00	-6.337e+01	6.337e+01	-1.606e+02	-3.399e+02	2.374e+02	-1.917e+02
El: 1 2 - C.c:	1.056e+02	-9.149e+01	6.436e+00	6.272e+00	1.566e+00	-1.566e+00	-7.945e+01	7.945e+01	-8.903e+01	-3.324e+02	2.954e+02	-2.735e+02
El: 2 2 - C.c:	8.000e+01	-6.914e+01	4.962e+00	4.814e+00	1.199e+00	-1.199e+00	-6.142e+01	6.142e+01	-6.798e+01	-2.545e+02	2.283e+02	-2.084e+02
El: 3 2 - C.c:	7.356e+01	-6.270e+01	5.019e+00	4.756e+00	1.167e+00	-1.167e+00	-6.297e+01	6.297e+01	-6.536e+01	-2.486e+02	2.337e+02	-1.982e+02
El: 4 2 - C.c:	7.195e+01	-6.109e+01	5.034e+00	4.742e+00	1.159e+00	-1.159e+00	-6.336e+01	6.336e+01	-6.471e+01	-2.471e+02	2.350e+02	-1.957e+02
El: 5 2 - C.c:	8.146e+01	-6.734e+01	6.652e+00	6.056e+00	1.447e+00	-1.447e+00	-8.530e+01	8.530e+01	-7.921e+01	-3.100e+02	3.156e+02	-2.353e+02
El: 6 2 - C.c:	1.015e+02	-8.739e+01	6.536e+00	6.172e+00	7.214e-01	-7.214e-01	-8.091e+01	8.091e+01	2.542e+01	-2.195e+02	3.045e+02	-2.555e+02
El: 7 2 - C.c:	8.556e+01	-7.144e+01	6.552e+00	6.156e+00	2.291e+00	-2.291e+00	-8.383e+01	8.383e+01	-1.937e+02	-4.229e+02	3.065e+02	-2.533e+02
El: 8 2 - C.c:	6.390e+01	-5.304e+01	5.106e+00	4.669e+00	1.119e+00	-1.119e+00	-6.531e+01	6.531e+01	-6.144e+01	-2.396e+02	2.417e+02	-1.830e+02
El: 9 2 - C.c:	7.727e+01	-6.641e+01	5.029e+00	4.747e+00	6.354e-01	-6.354e-01	-6.239e+01	6.239e+01	8.321e+00	-1.793e+02	2.343e+02	-1.964e+02
El: 10 2 - C.c:	6.664e+01	-5.577e+01	5.039e+00	4.736e+00	1.682e+00	-1.682e+00	-6.434e+01	6.434e+01	-1.377e+02	-3.149e+02	2.357e+02	-1.950e+02
El: 11 2 - C.c:	6.390e+01	-5.304e+01	5.106e+00	4.669e+00	1.119e+00	-1.119e+00	-6.531e+01	6.531e+01	-6.144e+01	-2.396e+02	2.417e+02	-1.830e+02
El: 12 2 - C.c:	7.727e+01	-6.641e+01	5.029e+00	4.747e+00	6.354e-01	-6.354e-01	-6.239e+01	6.239e+01	8.321e+00	-1.793e+02	2.343e+02	-1.964e+02
El: 13 2 - C.c:	6.664e+01	-5.577e+01	5.039e+00	4.736e+00	1.682e+00	-1.682e+00	-6.434e+01	6.434e+01	-1.377e+02	-3.149e+02	2.357e+02	-1.950e+02
El: 1 3 - C.c:	1.170e+02	-1.029e+02	6.462e+00	6.246e+00	1.420e+00	-1.420e+00	-8.174e+01	8.174e+01	-7.121e+01	-3.110e+02	2.974e+02	-2.683e+02
El: 2 3 - C.c:	8.896e+01	-7.809e+01	4.982e+00	4.793e+00	1.086e+00	-1.086e+00	-6.319e+01	6.319e+01	-5.423e+01	-2.380e+02	2.298e+02	-2.044e+02
El: 3 3 - C.c:	8.345e+01	-7.258e+01	5.041e+00	4.735e+00	1.052e+00	-1.052e+00	-6.477e+01	6.477e+01	-5.136e+01	-2.318e+02	2.352e+02	-1.940e+02
El: 4 3 - C.c:	8.207e+01	-7.121e+01	5.055e+00	4.720e+00	1.044e+00	-1.044e+00	-6.517e+01	6.517e+01	-5.065e+01	-2.302e+02	2.366e+02	-1.914e+02

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Fascicolo dei Calcoli
(Par. 10.1. Caratteristiche generali – D.M. Infrastrutture 17 gennaio 2018)

Elem./C.c.		Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 5	3 - C.c:	9.636e+01	-8.224e+01	6.682e+00	6.026e+00	1.293e+00	-1.293e+00	-8.770e+01	8.770e+01	-6.048e+01	-2.875e+02	3.177e+02	-2.295e+02
El: 6	3 - C.c:	1.110e+02	-9.692e+01	6.566e+00	6.142e+00	5.162e-01	-5.162e-01	-8.450e+01	8.450e+01	5.097e+01	-1.899e+02	3.068e+02	-2.499e+02
El: 7	3 - C.c:	1.023e+02	-8.822e+01	6.579e+00	6.129e+00	2.198e+00	-2.198e+00	-8.494e+01	8.494e+01	-1.827e+02	-4.087e+02	3.084e+02	-2.479e+02
El: 8	3 - C.c:	7.518e+01	-6.432e+01	5.129e+00	4.647e+00	1.001e+00	-1.001e+00	-6.715e+01	6.715e+01	-4.707e+01	-2.224e+02	2.433e+02	-1.785e+02
El: 9	3 - C.c:	8.497e+01	-7.411e+01	5.051e+00	4.724e+00	4.833e-01	-4.833e-01	-6.502e+01	6.502e+01	2.723e+01	-1.573e+02	2.361e+02	-1.921e+02
El: 10	3 - C.c:	7.917e+01	-6.831e+01	5.060e+00	4.716e+00	1.604e+00	-1.604e+00	-6.532e+01	6.532e+01	-1.285e+02	-3.031e+02	2.371e+02	-1.908e+02
El: 11	3 - C.c:	7.518e+01	-6.432e+01	5.129e+00	4.647e+00	1.001e+00	-1.001e+00	-6.715e+01	6.715e+01	-4.707e+01	-2.224e+02	2.433e+02	-1.785e+02
El: 12	3 - C.c:	8.497e+01	-7.411e+01	5.051e+00	4.724e+00	4.833e-01	-4.833e-01	-6.502e+01	6.502e+01	2.723e+01	-1.573e+02	2.361e+02	-1.921e+02
El: 13	3 - C.c:	7.917e+01	-6.831e+01	5.060e+00	4.716e+00	1.604e+00	-1.604e+00	-6.532e+01	6.532e+01	-1.285e+02	-3.031e+02	2.371e+02	-1.908e+02
El: 1	4 - C.c:	1.278e+02	-1.137e+02	6.260e+00	6.448e+00	1.272e+00	-1.272e+00	-7.488e+01	7.488e+01	-5.738e+01	-2.850e+02	2.779e+02	-3.031e+02
El: 2	4 - C.c:	9.703e+01	-8.616e+01	4.825e+00	4.950e+00	9.721e-01	-9.721e-01	-5.786e+01	5.786e+01	-4.353e+01	-2.180e+02	2.146e+02	-2.315e+02
El: 3	4 - C.c:	9.019e+01	-7.933e+01	4.875e+00	4.901e+00	9.368e-01	-9.368e-01	-5.923e+01	5.923e+01	-4.039e+01	-2.117e+02	2.192e+02	-2.227e+02
El: 4	4 - C.c:	8.849e+01	-7.762e+01	4.887e+00	4.888e+00	9.280e-01	-9.280e-01	-5.957e+01	5.957e+01	-3.960e+01	-2.101e+02	2.203e+02	-2.205e+02
El: 5	4 - C.c:	1.022e+02	-8.810e+01	6.446e+00	6.262e+00	1.140e+00	-1.140e+00	-7.999e+01	7.999e+01	-4.559e+01	-2.612e+02	2.950e+02	-2.701e+02
El: 6	4 - C.c:	1.184e+02	-1.043e+02	6.348e+00	6.360e+00	3.879e-01	-3.879e-01	-8.084e+01	8.084e+01	6.228e+01	-1.667e+02	2.859e+02	-2.874e+02
El: 7	4 - C.c:	1.117e+02	-9.753e+01	6.358e+00	6.350e+00	2.025e+00	-2.025e+00	-7.403e+01	7.403e+01	-1.652e+02	-3.796e+02	2.870e+02	-2.858e+02
El: 8	4 - C.c:	7.994e+01	-6.908e+01	4.949e+00	4.826e+00	8.838e-01	-8.838e-01	-6.127e+01	6.127e+01	-3.567e+01	-2.021e+02	2.260e+02	-2.095e+02
El: 9	4 - C.c:	9.074e+01	-7.987e+01	4.884e+00	4.892e+00	3.823e-01	-3.823e-01	-6.184e+01	6.184e+01	3.624e+01	-1.391e+02	2.200e+02	-2.210e+02
El: 10	4 - C.c:	8.623e+01	-7.537e+01	4.890e+00	4.885e+00	1.474e+00	-1.474e+00	-5.729e+01	5.729e+01	-1.154e+02	-2.811e+02	2.207e+02	-2.200e+02
El: 11	4 - C.c:	7.994e+01	-6.908e+01	4.949e+00	4.826e+00	8.838e-01	-8.838e-01	-6.127e+01	6.127e+01	-3.567e+01	-2.021e+02	2.260e+02	-2.095e+02
El: 12	4 - C.c:	9.074e+01	-7.987e+01	4.884e+00	4.892e+00	3.823e-01	-3.823e-01	-6.184e+01	6.184e+01	3.624e+01	-1.391e+02	2.200e+02	-2.210e+02
El: 13	4 - C.c:	8.623e+01	-7.537e+01	4.890e+00	4.885e+00	1.474e+00	-1.474e+00	-5.729e+01	5.729e+01	-1.154e+02	-2.811e+02	2.207e+02	-2.200e+02
El: 1	5 - C.c:	9.545e+01	-8.133e+01	6.520e+00	6.188e+00	-1.160e+00	1.160e+00	7.920e+01	-7.920e+01	4.729e+01	2.648e+02	3.017e+02	-2.570e+02
El: 2	5 - C.c:	7.474e+01	-6.387e+01	5.006e+00	4.770e+00	-8.992e-01	8.992e-01	6.066e+01	-6.066e+01	3.700e+01	2.050e+02	2.312e+02	-1.994e+02
El: 3	5 - C.c:	8.157e+01	-7.071e+01	4.956e+00	4.819e+00	-9.351e-01	9.351e-01	5.929e+01	-5.929e+01	4.023e+01	2.114e+02	2.266e+02	-2.082e+02
El: 4	5 - C.c:	8.328e+01	-7.242e+01	4.944e+00	4.832e+00	-9.441e-01	9.441e-01	5.895e+01	-5.895e+01	4.104e+01	2.130e+02	2.255e+02	-2.104e+02
El: 5	5 - C.c:	1.211e+02	-1.070e+02	6.334e+00	6.374e+00	-1.295e+00	1.295e+00	7.406e+01	-7.406e+01	5.942e+01	2.889e+02	2.846e+02	-2.900e+02
El: 6	5 - C.c:	1.029e+02	-8.879e+01	6.431e+00	6.277e+00	-4.338e-01	4.338e-01	7.908e+01	-7.908e+01	-5.818e+01	1.749e+02	2.936e+02	-2.728e+02
El: 7	5 - C.c:	1.136e+02	-9.949e+01	6.423e+00	6.285e+00	-2.021e+00	2.021e+00	7.418e+01	-7.418e+01	1.649e+02	3.788e+02	2.927e+02	-2.742e+02
El: 8	5 - C.c:	9.182e+01	-8.096e+01	4.882e+00	4.894e+00	-9.889e-01	9.889e-01	5.724e+01	-5.724e+01	4.508e+01	2.210e+02	2.198e+02	-2.214e+02
El: 9	5 - C.c:	7.971e+01	-6.885e+01	4.947e+00	4.829e+00	-4.151e-01	4.151e-01	6.058e+01	-6.058e+01	-3.331e+01	1.450e+02	2.258e+02	-2.099e+02
El: 10	5 - C.c:	8.685e+01	-7.598e+01	4.941e+00	4.834e+00	-1.473e+00	1.473e+00	5.731e+01	-5.731e+01	1.154e+02	2.810e+02	2.252e+02	-2.108e+02
El: 11	5 - C.c:	9.182e+01	-8.096e+01	4.882e+00	4.894e+00	-9.889e-01	9.889e-01	5.724e+01	-5.724e+01	4.508e+01	2.210e+02	2.198e+02	-2.214e+02
El: 12	5 - C.c:	7.971e+01	-6.885e+01	4.947e+00	4.829e+00	-4.151e-01	4.151e-01	6.058e+01	-6.058e+01	-3.331e+01	1.450e+02	2.258e+02	-2.099e+02
El: 13	5 - C.c:	8.685e+01	-7.598e+01	4.941e+00	4.834e+00	-1.473e+00	1.473e+00	5.731e+01	-5.731e+01	1.154e+02	2.810e+02	2.252e+02	-2.108e+02
El: 1	6 - C.c:	8.941e+01	-7.529e+01	6.789e+00	5.920e+00	-1.398e+00	1.398e+00	8.550e+01	-8.550e+01	7.385e+01	3.023e+02	3.275e+02	-2.106e+02
El: 2	6 - C.c:	6.998e+01	-5.912e+01	5.211e+00	4.565e+00	-1.082e+00	1.082e+00	6.547e+01	-6.547e+01	5.739e+01	2.338e+02	2.509e+02	-1.640e+02
El: 3	6 - C.c:	7.622e+01	-6.536e+01	5.152e+00	4.624e+00	-1.117e+00	1.117e+00	6.387e+01	-6.387e+01	6.042e+01	2.402e+02	2.454e+02	-1.743e+02
El: 4	6 - C.c:	7.778e+01	-6.692e+01	5.137e+00	4.638e+00	-1.126e+00	1.126e+00	6.348e+01	-6.348e+01	6.118e+01	2.418e+02	2.440e+02	-1.769e+02
El:	6 - C.c:	1.128e+02	-9.871e+01	6.568e+00	6.140e+00	-1.530e+00	1.530e+00	7.953e+01	-7.953e+01	8.521e+01	3.263e+02	3.070e+02	-2.494e+02

Fascicolo dei Calcoli
(Par. 10.1. Caratteristiche generali – D.M. Infrastrutture 17 gennaio 2018)

Elem./C.c.		Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
5													
El: 6	6 - C.c:	9.765e+01	-8.353e+01	6.683e+00	6.025e+00	-7.309e-01	7.309e-01	8.005e+01	-8.005e+01	-2.385e+01	2.205e+02	3.177e+02	-2.292e+02
El: 7	6 - C.c:	1.046e+02	-9.047e+01	6.674e+00	6.034e+00	-2.197e+00	2.197e+00	8.499e+01	-8.499e+01	1.829e+02	4.082e+02	3.168e+02	-2.308e+02
El: 8	6 - C.c:	8.559e+01	-7.473e+01	5.064e+00	4.712e+00	-1.170e+00	1.170e+00	6.149e+01	-6.149e+01	6.496e+01	2.498e+02	2.372e+02	-1.899e+02
El: 9	6 - C.c:	7.547e+01	-6.461e+01	5.140e+00	4.635e+00	-6.374e-01	6.374e-01	6.183e+01	-6.183e+01	-7.744e+00	1.792e+02	2.444e+02	-1.764e+02
El: 10	6 - C.c:	8.010e+01	-6.924e+01	5.134e+00	4.641e+00	-1.615e+00	1.615e+00	6.512e+01	-6.512e+01	1.301e+02	3.043e+02	2.437e+02	-1.774e+02
El: 11	6 - C.c:	8.559e+01	-7.473e+01	5.064e+00	4.712e+00	-1.170e+00	1.170e+00	6.149e+01	-6.149e+01	6.496e+01	2.498e+02	2.372e+02	-1.899e+02
El: 12	6 - C.c:	7.547e+01	-6.461e+01	5.140e+00	4.635e+00	-6.374e-01	6.374e-01	6.183e+01	-6.183e+01	-7.744e+00	1.792e+02	2.444e+02	-1.764e+02
El: 13	6 - C.c:	8.010e+01	-6.924e+01	5.134e+00	4.641e+00	-1.615e+00	1.615e+00	6.512e+01	-6.512e+01	1.301e+02	3.043e+02	2.437e+02	-1.774e+02
El: 1	7 - C.c:	-7.585e+00	1.465e+01	8.600e+00	-8.329e-01	-4.109e-01	4.109e-01	1.459e+01	-1.459e+01	-2.433e+00	6.351e+01	-2.429e+01	7.254e+02
El: 2	7 - C.c:	-5.564e+00	1.100e+01	6.616e+00	-6.410e-01	-3.176e-01	3.176e-01	1.068e+01	-1.068e+01	-6.466e-01	4.786e+01	-1.864e+01	5.580e+02
El: 3	7 - C.c:	-4.157e+00	9.589e+00	6.617e+00	-6.426e-01	-3.257e-01	3.257e-01	7.850e+00	-7.850e+00	5.723e+00	4.270e+01	-1.842e+01	5.580e+02
El: 4	7 - C.c:	-3.805e+00	9.237e+00	6.618e+00	-6.430e-01	-3.277e-01	3.277e-01	7.142e+00	-7.142e+00	7.316e+00	4.141e+01	-1.837e+01	5.580e+02
El: 5	7 - C.c:	-2.309e+00	9.370e+00	8.606e+00	-8.388e-01	-4.413e-01	4.413e-01	3.976e+00	-3.976e+00	2.145e+01	4.415e+01	-2.346e+01	7.255e+02
El: 6	7 - C.c:	-1.012e+01	1.718e+01	8.628e+00	-8.606e-01	-5.580e-01	5.580e-01	1.003e+01	-1.003e+01	1.920e+01	6.374e+01	-2.412e+01	7.294e+02
El: 7	7 - C.c:	2.228e-01	6.839e+00	8.578e+00	-8.111e-01	-2.942e-01	2.942e-01	8.541e+00	-8.541e+00	-1.829e-01	4.392e+01	-2.363e+01	7.215e+02
El: 8	7 - C.c:	-2.046e+00	7.478e+00	6.620e+00	-6.449e-01	-3.379e-01	3.379e-01	3.603e+00	-3.603e+00	1.528e+01	3.495e+01	-1.809e+01	5.581e+02
El: 9	7 - C.c:	-7.252e+00	1.268e+01	6.634e+00	-6.594e-01	-4.157e-01	4.157e-01	7.638e+00	-7.638e+00	1.378e+01	4.802e+01	-1.853e+01	5.607e+02
El: 10	7 - C.c:	-3.588e-01	5.791e+00	6.601e+00	-6.265e-01	-2.398e-01	2.398e-01	6.646e+00	-6.646e+00	8.535e-01	3.480e+01	-1.820e+01	5.554e+02
El: 11	7 - C.c:	-2.046e+00	7.478e+00	6.620e+00	-6.449e-01	-3.379e-01	3.379e-01	3.603e+00	-3.603e+00	1.528e+01	3.495e+01	-1.809e+01	5.581e+02
El: 12	7 - C.c:	-7.252e+00	1.268e+01	6.634e+00	-6.594e-01	-4.157e-01	4.157e-01	7.638e+00	-7.638e+00	1.378e+01	4.802e+01	-1.853e+01	5.607e+02
El: 13	7 - C.c:	-3.588e-01	5.791e+00	6.601e+00	-6.265e-01	-2.398e-01	2.398e-01	6.646e+00	-6.646e+00	8.535e-01	3.480e+01	-1.820e+01	5.554e+02
El: 1	8 - C.c:	8.330e-01	6.229e+00	1.047e+01	-2.700e+00	-1.104e+00	1.104e+00	-4.440e+00	4.440e+00	8.166e+01	8.249e+01	4.336e+02	5.452e+02
El: 2	8 - C.c:	1.111e+00	4.321e+00	8.052e+00	-2.077e+00	-7.827e-01	7.827e-01	-3.235e+00	3.235e+00	5.736e+01	5.900e+01	3.335e+02	4.194e+02
El: 3	8 - C.c:	3.557e+00	1.875e+00	8.052e+00	-2.078e+00	-4.361e-01	4.361e-01	-2.299e+00	2.299e+00	2.900e+01	3.584e+01	3.334e+02	4.196e+02
El: 4	8 - C.c:	4.168e+00	1.264e+00	8.052e+00	-2.078e+00	-3.495e-01	3.495e-01	-2.065e+00	2.065e+00	2.191e+01	3.005e+01	3.333e+02	4.196e+02
El: 5	8 - C.c:	1.000e+01	-2.943e+00	1.047e+01	-2.702e+00	1.955e-01	-1.955e-01	-9.291e-01	9.291e-01	-2.470e+01	-4.357e+00	4.331e+02	5.459e+02
El: 6	8 - C.c:	-9.905e+00	1.697e+01	1.047e+01	-2.703e+00	-5.861e-01	5.861e-01	-4.039e+00	4.039e+00	3.749e+01	4.964e+01	4.342e+02	5.449e+02
El: 7	8 - C.c:	2.074e+01	-1.368e+01	1.047e+01	-2.699e+00	-3.226e-01	3.226e-01	-1.330e+00	1.330e+00	1.947e+01	2.849e+01	4.324e+02	5.462e+02
El: 8	8 - C.c:	7.225e+00	-1.793e+00	8.053e+00	-2.078e+00	8.372e-02	-8.372e-02	-8.947e-01	8.947e-01	-1.355e+01	1.102e+00	3.332e+02	4.199e+02
El: 9	8 - C.c:	-6.048e+00	1.148e+01	8.053e+00	-2.079e+00	-4.373e-01	4.373e-01	-2.968e+00	2.968e+00	2.791e+01	3.710e+01	3.339e+02	4.192e+02
El: 10	8 - C.c:	1.438e+01	-8.952e+00	8.051e+00	-2.077e+00	-2.617e-01	2.617e-01	-1.162e+00	1.162e+00	1.590e+01	2.300e+01	3.327e+02	4.201e+02
El: 11	8 - C.c:	7.225e+00	-1.793e+00	8.053e+00	-2.078e+00	8.372e-02	-8.372e-02	-8.947e-01	8.947e-01	-1.355e+01	1.102e+00	3.332e+02	4.199e+02
El: 12	8 - C.c:	-6.048e+00	1.148e+01	8.053e+00	-2.079e+00	-4.373e-01	4.373e-01	-2.968e+00	2.968e+00	2.791e+01	3.710e+01	3.339e+02	4.192e+02
El: 13	8 - C.c:	1.438e+01	-8.952e+00	8.051e+00	-2.077e+00	-2.617e-01	2.617e-01	-1.162e+00	1.162e+00	1.590e+01	2.300e+01	3.327e+02	4.201e+02
El: 1	9 - C.c:	1.371e+01	-6.649e+00	1.225e+00	4.918e+00	-5.053e+00	5.053e+00	4.906e+01	-4.906e+01	2.595e+02	4.102e+02	3.284e+01	-2.775e+02
El: 2	9 - C.c:	1.009e+01	-4.663e+00	9.455e-01	3.780e+00	-3.811e+00	3.811e+00	3.743e+01	-3.743e+01	1.937e+02	3.114e+02	2.543e+01	-2.133e+02
El: 3	9 - C.c:	7.744e+00	-2.312e+00	9.602e-01	3.765e+00	-3.414e+00	3.414e+00	3.582e+01	-3.582e+01	1.629e+02	2.897e+02	2.630e+01	-2.122e+02
El: 4	9 - C.c:	7.156e+00	-1.724e+00	9.639e-01	3.761e+00	-3.315e+00	3.315e+00	3.542e+01	-3.542e+01	1.552e+02	2.842e+02	2.652e+01	-2.119e+02
El: 5	9 - C.c:	4.895e+00	2.167e+00	1.281e+00	4.862e+00	-3.567e+00	3.567e+00	4.304e+01	-4.304e+01	1.440e+02	3.288e+02	3.610e+01	-2.735e+02

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Elem./C.c.		Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 6	9 - C.c:	-2.931e+01	3.637e+01	1.297e+00	4.846e+00	-4.419e+00	4.419e+00	4.401e+01	-4.401e+01	2.075e+02	3.782e+02	3.959e+01	-2.748e+02
El: 7	9 - C.c:	4.792e+01	-4.085e+01	1.209e+00	4.934e+00	-4.201e+00	4.201e+00	4.809e+01	-4.809e+01	1.960e+02	3.609e+02	2.935e+01	-2.762e+02
El: 8	9 - C.c:	4.217e+00	1.215e+00	9.823e-01	3.743e+00	-2.820e+00	2.820e+00	3.342e+01	-3.342e+01	1.167e+02	2.571e+02	2.760e+01	-2.106e+02
El: 9	9 - C.c:	-1.859e+01	2.402e+01	9.932e-01	3.732e+00	-3.388e+00	3.388e+00	3.406e+01	-3.406e+01	1.590e+02	2.900e+02	2.993e+01	-2.115e+02
El: 10	9 - C.c:	3.290e+01	-2.747e+01	9.346e-01	3.791e+00	-3.243e+00	3.243e+00	3.678e+01	-3.678e+01	1.514e+02	2.785e+02	2.310e+01	-2.124e+02
El: 11	9 - C.c:	4.217e+00	1.215e+00	9.823e-01	3.743e+00	-2.820e+00	2.820e+00	3.342e+01	-3.342e+01	1.167e+02	2.571e+02	2.760e+01	-2.106e+02
El: 12	9 - C.c:	-1.859e+01	2.402e+01	9.932e-01	3.732e+00	-3.388e+00	3.388e+00	3.406e+01	-3.406e+01	1.590e+02	2.900e+02	2.993e+01	-2.115e+02
El: 13	9 - C.c:	3.290e+01	-2.747e+01	9.346e-01	3.791e+00	-3.243e+00	3.243e+00	3.678e+01	-3.678e+01	1.514e+02	2.785e+02	2.310e+01	-2.124e+02
El: 1	10 - C.c:	7.325e+00	6.797e+00	9.744e+00	4.732e+00	-9.035e-01	9.035e-01	4.925e+01	-4.925e+01	7.158e+01	1.872e+02	5.917e+02	1.261e+02
El: 2	10 - C.c:	6.667e+00	4.196e+00	7.488e+00	3.648e+00	-6.978e-01	6.978e-01	3.776e+01	-3.776e+01	5.530e+01	1.445e+02	4.544e+02	9.549e+01
El: 3	10 - C.c:	1.203e+01	-1.170e+00	7.445e+00	3.690e+00	-7.123e-01	7.123e-01	3.710e+01	-3.710e+01	5.657e+01	1.474e+02	4.502e+02	8.758e+01
El: 4	10 - C.c:	1.337e+01	-2.511e+00	7.435e+00	3.700e+00	-7.159e-01	7.159e-01	3.694e+01	-3.694e+01	5.688e+01	1.482e+02	4.492e+02	8.560e+01
El: 5	10 - C.c:	2.745e+01	-1.333e+01	9.587e+00	4.889e+00	-9.579e-01	9.579e-01	4.679e+01	-4.679e+01	7.631e+01	1.980e+02	5.762e+02	9.646e+01
El: 6	10 - C.c:	1.594e+01	-1.813e+00	9.669e+00	4.807e+00	-8.739e-01	8.739e-01	4.894e+01	-4.894e+01	6.716e+01	1.831e+02	5.842e+02	1.120e+02
El: 7	10 - C.c:	1.884e+01	-4.716e+00	9.662e+00	4.814e+00	-9.876e-01	9.876e-01	4.710e+01	-4.710e+01	8.073e+01	2.021e+02	5.837e+02	1.106e+02
El: 8	10 - C.c:	2.008e+01	-9.219e+00	7.382e+00	3.753e+00	-7.341e-01	7.341e-01	3.612e+01	-3.612e+01	5.846e+01	1.518e+02	4.440e+02	7.572e+01
El: 9	10 - C.c:	1.241e+01	-1.544e+00	7.437e+00	3.698e+00	-6.780e-01	6.780e-01	3.755e+01	-3.755e+01	5.236e+01	1.418e+02	4.494e+02	8.608e+01
El: 10	10 - C.c:	1.434e+01	-3.479e+00	7.433e+00	3.703e+00	-7.538e-01	7.538e-01	3.632e+01	-3.632e+01	6.140e+01	1.545e+02	4.490e+02	8.513e+01
El: 11	10 - C.c:	2.008e+01	-9.219e+00	7.382e+00	3.753e+00	-7.341e-01	7.341e-01	3.612e+01	-3.612e+01	5.846e+01	1.518e+02	4.440e+02	7.572e+01
El: 12	10 - C.c:	1.241e+01	-1.544e+00	7.437e+00	3.698e+00	-6.780e-01	6.780e-01	3.755e+01	-3.755e+01	5.236e+01	1.418e+02	4.494e+02	8.608e+01
El: 13	10 - C.c:	1.434e+01	-3.479e+00	7.433e+00	3.703e+00	-7.538e-01	7.538e-01	3.632e+01	-3.632e+01	6.140e+01	1.545e+02	4.490e+02	8.513e+01
El: 1	11 - C.c:	6.985e+01	-5.573e+01	6.599e+00	6.109e+00	-1.689e+00	1.689e+00	8.019e+01	-8.019e+01	1.143e+02	3.402e+02	3.111e+02	-2.451e+02
El: 2	11 - C.c:	5.529e+01	-4.442e+01	5.066e+00	4.710e+00	-1.306e+00	1.306e+00	6.137e+01	-6.137e+01	8.854e+01	2.630e+02	2.383e+02	-1.904e+02
El: 3	11 - C.c:	6.338e+01	-5.251e+01	5.011e+00	4.765e+00	-1.343e+00	1.343e+00	5.978e+01	-5.978e+01	9.173e+01	2.696e+02	2.331e+02	-2.000e+02
El: 4	11 - C.c:	6.540e+01	-5.454e+01	4.997e+00	4.778e+00	-1.352e+00	1.352e+00	5.938e+01	-5.938e+01	9.252e+01	2.712e+02	2.318e+02	-2.024e+02
El: 5	11 - C.c:	1.002e+02	-8.606e+01	6.393e+00	6.315e+00	-1.826e+00	1.826e+00	7.421e+01	-7.421e+01	1.263e+02	3.650e+02	2.917e+02	-2.811e+02
El: 6	11 - C.c:	8.225e+01	-6.812e+01	6.503e+00	6.205e+00	-1.322e+00	1.322e+00	7.105e+01	-7.105e+01	5.580e+01	2.998e+02	3.020e+02	-2.620e+02
El: 7	11 - C.c:	8.779e+01	-7.367e+01	6.490e+00	6.218e+00	-2.193e+00	2.193e+00	8.335e+01	-8.335e+01	1.848e+02	4.054e+02	3.007e+02	-2.642e+02
El: 8	11 - C.c:	7.551e+01	-6.465e+01	4.928e+00	4.847e+00	-1.397e+00	1.397e+00	5.739e+01	-5.739e+01	9.651e+01	2.795e+02	2.254e+02	-2.144e+02
El: 9	11 - C.c:	6.355e+01	-5.269e+01	5.001e+00	4.774e+00	-1.061e+00	1.061e+00	5.528e+01	-5.528e+01	4.953e+01	2.360e+02	2.323e+02	-2.017e+02
El: 10	11 - C.c:	6.725e+01	-5.638e+01	4.993e+00	4.782e+00	-1.642e+00	1.642e+00	6.349e+01	-6.349e+01	1.355e+02	3.064e+02	2.314e+02	-2.031e+02
El: 11	11 - C.c:	7.551e+01	-6.465e+01	4.928e+00	4.847e+00	-1.397e+00	1.397e+00	5.739e+01	-5.739e+01	9.651e+01	2.795e+02	2.254e+02	-2.144e+02
El: 12	11 - C.c:	6.355e+01	-5.269e+01	5.001e+00	4.774e+00	-1.061e+00	1.061e+00	5.528e+01	-5.528e+01	4.953e+01	2.360e+02	2.323e+02	-2.017e+02
El: 13	11 - C.c:	6.725e+01	-5.638e+01	4.993e+00	4.782e+00	-1.642e+00	1.642e+00	6.349e+01	-6.349e+01	1.355e+02	3.064e+02	2.314e+02	-2.031e+02
El: 1	12 - C.c:	1.183e+01	-4.765e+00	-3.566e+00	9.709e+00	-7.268e+00	7.268e+00	3.616e+01	-3.616e+01	4.250e+02	5.384e+02	-3.862e+02	-4.935e+02
El: 2	12 - C.c:	8.815e+00	-3.383e+00	-2.746e+00	7.472e+00	-5.652e+00	5.652e+00	2.703e+01	-2.703e+01	3.314e+02	4.178e+02	-2.972e+02	-3.800e+02
El: 3	12 - C.c:	7.347e+00	-1.915e+00	-2.764e+00	7.490e+00	-5.973e+00	5.973e+00	2.295e+01	-2.295e+01	3.551e+02	4.367e+02	-2.979e+02	-3.817e+02
El: 4	12 - C.c:	6.980e+00	-1.548e+00	-2.769e+00	7.494e+00	-6.053e+00	6.053e+00	2.194e+01	-2.194e+01	3.610e+02	4.414e+02	-2.980e+02	-3.821e+02
El: 5	12 - C.c:	6.322e+00	7.397e-01	-3.633e+00	9.776e+00	-8.471e+00	8.471e+00	2.087e+01	-2.087e+01	5.136e+02	6.093e+02	-3.887e+02	-5.000e+02
El:	12 - C.c:	-5.864e+00	1.293e+01	-3.553e+00	9.696e+00	-7.849e+00	7.849e+00	2.360e+01	-2.360e+01	4.624e+02	5.780e+02	-3.870e+02	-4.910e+02

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Elem./C.c.		Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
6													
El: 7	12 - C.c:	2.401e+01	-1.695e+01	-3.646e+00	9.789e+00	-7.890e+00	7.890e+00	3.344e+01	-3.344e+01	4.761e+02	5.697e+02	-3.879e+02	-5.024e+02
El: 8	12 - C.c:	5.145e+00	2.867e-01	-2.791e+00	7.516e+00	-6.455e+00	6.455e+00	1.684e+01	-1.684e+01	3.905e+02	4.650e+02	-2.989e+02	-3.842e+02
El: 9	12 - C.c:	-2.979e+00	8.410e+00	-2.738e+00	7.463e+00	-6.040e+00	6.040e+00	1.866e+01	-1.866e+01	3.564e+02	4.442e+02	-2.977e+02	-3.783e+02
El: 10	12 - C.c:	1.694e+01	-1.151e+01	-2.800e+00	7.525e+00	-6.067e+00	6.067e+00	2.521e+01	-2.521e+01	3.655e+02	4.386e+02	-2.984e+02	-3.859e+02
El: 11	12 - C.c:	5.145e+00	2.867e-01	-2.791e+00	7.516e+00	-6.455e+00	6.455e+00	1.684e+01	-1.684e+01	3.905e+02	4.650e+02	-2.989e+02	-3.842e+02
El: 12	12 - C.c:	-2.979e+00	8.410e+00	-2.738e+00	7.463e+00	-6.040e+00	6.040e+00	1.866e+01	-1.866e+01	3.564e+02	4.442e+02	-2.977e+02	-3.783e+02
El: 13	12 - C.c:	1.694e+01	-1.151e+01	-2.800e+00	7.525e+00	-6.067e+00	6.067e+00	2.521e+01	-2.521e+01	3.655e+02	4.386e+02	-2.984e+02	-3.859e+02
El: 1	13 - C.c:	2.679e+02	-2.537e+02	2.637e+00	5.260e+00	-5.844e+00	5.844e+00	1.094e+02	-1.094e+02	4.368e+02	9.024e+02	5.565e+01	-3.562e+02
El: 2	13 - C.c:	2.072e+02	-1.963e+02	2.017e+00	4.057e+00	-4.508e+00	4.508e+00	8.383e+01	-8.383e+01	3.371e+02	6.958e+02	4.189e+01	-2.756e+02
El: 3	13 - C.c:	2.132e+02	-2.023e+02	1.960e+00	4.114e+00	-4.569e+00	4.569e+00	8.225e+01	-8.225e+01	3.428e+02	7.041e+02	3.713e+01	-2.839e+02
El: 4	13 - C.c:	2.147e+02	-2.038e+02	1.946e+00	4.129e+00	-4.584e+00	4.584e+00	8.185e+01	-8.185e+01	3.442e+02	7.062e+02	3.595e+01	-2.860e+02
El: 5	13 - C.c:	2.903e+02	-2.761e+02	2.422e+00	5.475e+00	-6.074e+00	6.074e+00	1.034e+02	-1.034e+02	4.581e+02	9.338e+02	3.781e+01	-3.875e+02
El: 6	13 - C.c:	2.885e+02	-2.744e+02	2.472e+00	5.425e+00	-5.846e+00	5.846e+00	1.048e+02	-1.048e+02	4.362e+02	9.034e+02	4.176e+01	-3.800e+02
El: 7	13 - C.c:	2.696e+02	-2.555e+02	2.587e+00	5.310e+00	-6.073e+00	6.073e+00	1.080e+02	-1.080e+02	4.587e+02	9.328e+02	5.170e+01	-3.636e+02
El: 8	13 - C.c:	2.221e+02	-2.113e+02	1.874e+00	4.200e+00	-4.661e+00	4.661e+00	7.987e+01	-7.987e+01	3.513e+02	7.167e+02	3.000e+01	-2.965e+02
El: 9	13 - C.c:	2.209e+02	-2.101e+02	1.908e+00	4.167e+00	-4.509e+00	4.509e+00	8.076e+01	-8.076e+01	3.367e+02	6.964e+02	3.263e+01	-2.915e+02
El: 10	13 - C.c:	2.084e+02	-1.975e+02	1.984e+00	4.090e+00	-4.660e+00	4.660e+00	8.294e+01	-8.294e+01	3.517e+02	7.160e+02	3.926e+01	-2.805e+02
El: 11	13 - C.c:	2.221e+02	-2.113e+02	1.874e+00	4.200e+00	-4.661e+00	4.661e+00	7.987e+01	-7.987e+01	3.513e+02	7.167e+02	3.000e+01	-2.965e+02
El: 12	13 - C.c:	2.209e+02	-2.101e+02	1.908e+00	4.167e+00	-4.509e+00	4.509e+00	8.076e+01	-8.076e+01	3.367e+02	6.964e+02	3.263e+01	-2.915e+02
El: 13	13 - C.c:	2.084e+02	-1.975e+02	1.984e+00	4.090e+00	-4.660e+00	4.660e+00	8.294e+01	-8.294e+01	3.517e+02	7.160e+02	3.926e+01	-2.805e+02
El: 1	14 - C.c:	1.580e+02	-1.438e+02	6.683e+00	6.025e+00	-2.151e+00	2.151e+00	8.346e+01	-8.346e+01	1.761e+02	4.028e+02	3.143e+02	-2.256e+02
El: 2	14 - C.c:	1.219e+02	-1.110e+02	5.135e+00	4.640e+00	-1.676e+00	1.676e+00	6.387e+01	-6.387e+01	1.383e+02	3.128e+02	2.412e+02	-1.746e+02
El: 3	14 - C.c:	1.239e+02	-1.131e+02	5.106e+00	4.670e+00	-1.789e+00	1.789e+00	6.216e+01	-6.216e+01	1.532e+02	3.281e+02	2.385e+02	-1.799e+02
El: 4	14 - C.c:	1.244e+02	-1.136e+02	5.098e+00	4.677e+00	-1.817e+00	1.817e+00	6.173e+01	-6.173e+01	1.569e+02	3.319e+02	2.379e+02	-1.812e+02
El: 5	14 - C.c:	1.656e+02	-1.514e+02	6.572e+00	6.136e+00	-2.572e+00	2.572e+00	7.704e+01	-7.704e+01	2.319e+02	4.601e+02	3.042e+02	-2.456e+02
El: 6	14 - C.c:	1.912e+02	-1.771e+02	6.570e+00	6.138e+00	-2.206e+00	2.206e+00	8.014e+01	-8.014e+01	1.800e+02	4.137e+02	3.035e+02	-2.454e+02
El: 7	14 - C.c:	1.323e+02	-1.182e+02	6.685e+00	6.023e+00	-2.517e+00	2.517e+00	8.036e+01	-8.036e+01	2.280e+02	4.492e+02	3.150e+02	-2.258e+02
El: 8	14 - C.c:	1.270e+02	-1.161e+02	5.061e+00	4.714e+00	-1.957e+00	1.957e+00	5.959e+01	-5.959e+01	1.755e+02	3.510e+02	2.345e+02	-1.879e+02
El: 9	14 - C.c:	1.440e+02	-1.332e+02	5.060e+00	4.716e+00	-1.713e+00	1.713e+00	6.166e+01	-6.166e+01	1.409e+02	3.200e+02	2.340e+02	-1.877e+02
El: 10	14 - C.c:	1.048e+02	-9.395e+01	5.137e+00	4.639e+00	-1.920e+00	1.920e+00	6.181e+01	-6.181e+01	1.729e+02	3.438e+02	2.417e+02	-1.747e+02
El: 11	14 - C.c:	1.270e+02	-1.161e+02	5.061e+00	4.714e+00	-1.957e+00	1.957e+00	5.959e+01	-5.959e+01	1.755e+02	3.510e+02	2.345e+02	-1.879e+02
El: 12	14 - C.c:	1.440e+02	-1.332e+02	5.060e+00	4.716e+00	-1.713e+00	1.713e+00	6.166e+01	-6.166e+01	1.409e+02	3.200e+02	2.340e+02	-1.877e+02
El: 13	14 - C.c:	1.048e+02	-9.395e+01	5.137e+00	4.639e+00	-1.920e+00	1.920e+00	6.181e+01	-6.181e+01	1.729e+02	3.438e+02	2.417e+02	-1.747e+02
El: 1	15 - C.c:	5.405e+01	-6.817e+01	3.917e+00	3.144e+00	3.941e+00	-3.941e+00	-6.091e+01	6.091e+01	-6.120e+02	-2.692e+02	1.927e+02	-1.062e+02
El: 2	15 - C.c:	4.129e+01	-5.215e+01	3.005e+00	2.426e+00	3.055e+00	-3.055e+00	-4.703e+01	4.703e+01	-4.730e+02	-2.102e+02	1.470e+02	-8.235e+01
El: 3	15 - C.c:	3.979e+01	-5.065e+01	2.961e+00	2.470e+00	3.178e+00	-3.178e+00	-4.795e+01	4.795e+01	-4.843e+02	-2.264e+02	1.406e+02	-8.565e+01
El: 4	15 - C.c:	3.942e+01	-5.028e+01	2.950e+00	2.481e+00	3.209e+00	-3.209e+00	-4.818e+01	4.818e+01	-4.872e+02	-2.304e+02	1.389e+02	-8.647e+01
El: 5	15 - C.c:	4.843e+01	-6.256e+01	3.754e+00	3.307e+00	4.403e+00	-4.403e+00	-6.436e+01	6.436e+01	-6.547e+02	-3.299e+02	1.685e+02	-1.186e+02
El: 6	15 - C.c:	2.643e+01	-4.055e+01	3.744e+00	3.317e+00	3.813e+00	-3.813e+00	-6.537e+01	6.537e+01	-5.944e+02	-2.582e+02	1.680e+02	-1.202e+02

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 7 15 - C.c:	7.605e+01	-9.018e+01	3.927e+00	3.134e+00	4.531e+00	-4.531e+00	-5.990e+01	5.990e+01	-6.723e+02	-3.408e+02	1.933e+02	-1.046e+02
El: 8 15 - C.c:	3.754e+01	-4.841e+01	2.896e+00	2.536e+00	3.363e+00	-3.363e+00	-4.933e+01	4.933e+01	-5.014e+02	-2.506e+02	1.309e+02	-9.060e+01
El: 9 15 - C.c:	2.287e+01	-3.374e+01	2.889e+00	2.542e+00	2.970e+00	-2.970e+00	-5.000e+01	5.000e+01	-4.612e+02	-2.029e+02	1.305e+02	-9.166e+01
El: 10 15 - C.c:	5.596e+01	-6.682e+01	3.011e+00	2.420e+00	3.448e+00	-3.448e+00	-4.636e+01	4.636e+01	-5.131e+02	-2.579e+02	1.474e+02	-8.129e+01
El: 11 15 - C.c:	3.754e+01	-4.841e+01	2.896e+00	2.536e+00	3.363e+00	-3.363e+00	-4.933e+01	4.933e+01	-5.014e+02	-2.506e+02	1.309e+02	-9.060e+01
El: 12 15 - C.c:	2.287e+01	-3.374e+01	2.889e+00	2.542e+00	2.970e+00	-2.970e+00	-5.000e+01	5.000e+01	-4.612e+02	-2.029e+02	1.305e+02	-9.166e+01
El: 13 15 - C.c:	5.596e+01	-6.682e+01	3.011e+00	2.420e+00	3.448e+00	-3.448e+00	-4.636e+01	4.636e+01	-5.131e+02	-2.579e+02	1.474e+02	-8.129e+01
El: 1 16 - C.c:	2.333e+02	-2.474e+02	-1.348e-01	7.900e+00	3.855e+00	-3.855e+00	-6.981e+01	6.981e+01	-6.041e+02	-2.758e+02	-4.570e+02	-4.600e+02
El: 2 16 - C.c:	1.792e+02	-1.901e+02	-1.101e-01	6.084e+00	2.978e+00	-2.978e+00	-5.429e+01	5.429e+01	-4.657e+02	-2.140e+02	-3.525e+02	-3.543e+02
El: 3 16 - C.c:	1.779e+02	-1.888e+02	-1.433e-01	6.117e+00	3.042e+00	-3.042e+00	-5.734e+01	5.734e+01	-4.707e+02	-2.237e+02	-3.575e+02	-3.569e+02
El: 4 16 - C.c:	1.776e+02	-1.884e+02	-1.516e-01	6.125e+00	3.058e+00	-3.058e+00	-5.810e+01	5.810e+01	-4.719e+02	-2.261e+02	-3.587e+02	-3.576e+02
El: 5 16 - C.c:	2.284e+02	-2.426e+02	-2.593e-01	8.025e+00	4.097e+00	-4.097e+00	-8.125e+01	8.125e+01	-6.229e+02	-3.122e+02	-4.757e+02	-4.697e+02
El: 6 16 - C.c:	2.153e+02	-2.294e+02	-2.723e-01	8.038e+00	3.733e+00	-3.733e+00	-7.212e+01	7.212e+01	-5.885e+02	-2.636e+02	-4.768e+02	-4.716e+02
El: 7 16 - C.c:	2.464e+02	-2.605e+02	-1.218e-01	7.887e+00	4.218e+00	-4.218e+00	-7.893e+01	7.893e+01	-6.385e+02	-3.243e+02	-4.559e+02	-4.581e+02
El: 8 16 - C.c:	1.760e+02	-1.868e+02	-1.931e-01	6.166e+00	3.139e+00	-3.139e+00	-6.191e+01	6.191e+01	-4.782e+02	-2.383e+02	-3.650e+02	-3.608e+02
El: 9 16 - C.c:	1.672e+02	-1.781e+02	-2.018e-01	6.175e+00	2.897e+00	-2.897e+00	-5.583e+01	5.583e+01	-4.552e+02	-2.059e+02	-3.657e+02	-3.621e+02
El: 10 16 - C.c:	1.880e+02	-1.988e+02	-1.014e-01	6.075e+00	3.220e+00	-3.220e+00	-6.037e+01	6.037e+01	-4.886e+02	-2.464e+02	-3.518e+02	-3.531e+02
El: 11 16 - C.c:	1.760e+02	-1.868e+02	-1.931e-01	6.166e+00	3.139e+00	-3.139e+00	-6.191e+01	6.191e+01	-4.782e+02	-2.383e+02	-3.650e+02	-3.608e+02
El: 12 16 - C.c:	1.672e+02	-1.781e+02	-2.018e-01	6.175e+00	2.897e+00	-2.897e+00	-5.583e+01	5.583e+01	-4.552e+02	-2.059e+02	-3.657e+02	-3.621e+02
El: 13 16 - C.c:	1.880e+02	-1.988e+02	-1.014e-01	6.075e+00	3.220e+00	-3.220e+00	-6.037e+01	6.037e+01	-4.886e+02	-2.464e+02	-3.518e+02	-3.531e+02
El: 1 17 - C.c:	9.684e+01	-1.110e+02	-6.223e-01	8.411e+00	-4.174e+00	4.174e+00	7.907e+01	-7.907e+01	6.278e+02	3.255e+02	-5.238e+02	-5.078e+02
El: 2 17 - C.c:	7.548e+01	-8.635e+01	-4.717e-01	6.463e+00	-3.185e+00	3.185e+00	6.007e+01	-6.007e+01	4.804e+02	2.471e+02	-4.019e+02	-3.900e+02
El: 3 17 - C.c:	8.062e+01	-9.148e+01	-4.353e-01	6.426e+00	-3.055e+00	3.055e+00	5.620e+01	-5.620e+01	4.674e+02	2.303e+02	-3.967e+02	-3.869e+02
El: 4 17 - C.c:	8.190e+01	-9.277e+01	-4.262e-01	6.417e+00	-3.022e+00	3.022e+00	5.523e+01	-5.523e+01	4.642e+02	2.261e+02	-3.954e+02	-3.861e+02
El: 5 17 - C.c:	1.161e+02	-1.302e+02	-4.858e-01	8.274e+00	-3.684e+00	3.684e+00	6.454e+01	-6.454e+01	5.790e+02	2.623e+02	-5.043e+02	-4.962e+02
El: 6 17 - C.c:	1.013e+02	-1.154e+02	-6.253e-01	8.414e+00	-3.770e+00	3.770e+00	7.157e+01	-7.157e+01	5.830e+02	2.782e+02	-5.246e+02	-5.077e+02
El: 7 17 - C.c:	1.116e+02	-1.258e+02	-4.828e-01	8.271e+00	-4.087e+00	4.087e+00	7.204e+01	-7.204e+01	6.239e+02	3.096e+02	-5.035e+02	-4.963e+02
El: 8 17 - C.c:	8.832e+01	-9.919e+01	-3.807e-01	6.372e+00	-2.859e+00	2.859e+00	5.039e+01	-5.039e+01	4.479e+02	2.050e+02	-3.889e+02	-3.823e+02
El: 9 17 - C.c:	7.846e+01	-8.933e+01	-4.737e-01	6.465e+00	-2.917e+00	2.917e+00	5.508e+01	-5.508e+01	4.505e+02	2.156e+02	-4.025e+02	-3.900e+02
El: 10 17 - C.c:	8.534e+01	-9.621e+01	-3.787e-01	6.370e+00	-3.128e+00	3.128e+00	5.539e+01	-5.539e+01	4.778e+02	2.365e+02	-3.884e+02	-3.823e+02
El: 11 17 - C.c:	8.832e+01	-9.919e+01	-3.807e-01	6.372e+00	-2.859e+00	2.859e+00	5.039e+01	-5.039e+01	4.479e+02	2.050e+02	-3.889e+02	-3.823e+02
El: 12 17 - C.c:	7.846e+01	-8.933e+01	-4.737e-01	6.465e+00	-2.917e+00	2.917e+00	5.508e+01	-5.508e+01	4.505e+02	2.156e+02	-4.025e+02	-3.900e+02
El: 13 17 - C.c:	8.534e+01	-9.621e+01	-3.787e-01	6.370e+00	-3.128e+00	3.128e+00	5.539e+01	-5.539e+01	4.778e+02	2.365e+02	-3.884e+02	-3.823e+02
El: 1 18 - C.c:	-1.038e+02	1.180e+02	6.871e+00	5.837e+00	-2.898e+00	2.898e+00	9.464e+01	-9.464e+01	2.726e+02	5.072e+02	3.410e+02	-2.020e+02
El: 2 18 - C.c:	-7.853e+01	8.939e+01	5.278e+00	4.497e+00	-2.204e+00	2.204e+00	7.273e+01	-7.273e+01	2.059e+02	3.873e+02	2.616e+02	-1.566e+02
El: 3 18 - C.c:	-7.148e+01	8.235e+01	5.242e+00	4.534e+00	-2.075e+00	2.075e+00	7.238e+01	-7.238e+01	1.861e+02	3.721e+02	2.581e+02	-1.628e+02
El: 4 18 - C.c:	-6.972e+01	8.058e+01	5.233e+00	4.543e+00	-2.042e+00	2.042e+00	7.229e+01	-7.229e+01	1.811e+02	3.684e+02	2.573e+02	-1.644e+02
El: 5 18 - C.c:	-7.743e+01	9.155e+01	6.735e+00	5.973e+00	-2.412e+00	2.412e+00	9.330e+01	-9.330e+01	1.984e+02	4.506e+02	3.279e+02	-2.254e+02
El: 6 18 - C.c:	-9.602e+01	1.101e+02	6.873e+00	5.835e+00	-2.417e+00	2.417e+00	9.645e+01	-9.645e+01	2.047e+02	4.458e+02	3.408e+02	-2.013e+02
El: 18 - C.c:	-8.526e+01	9.938e+01	6.733e+00	5.975e+00	-2.892e+00	2.892e+00	9.150e+01	-9.150e+01	2.663e+02	5.120e+02	3.281e+02	-2.261e+02

COMUNE DI PRAIANO cc_g976 0007103 Uscita 07/08/2025 15:08
COMUNE DI PRAIANO cc_g976 0007619 Ingresso 09/09/2024 12:39

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 7 18 - C.c:	-6.092e+01	7.178e+01	5.188e+00	4.588e+00	-1.880e+00	1.880e+00	7.184e+01	-7.184e+01	1.564e+02	3.495e+02	2.529e+02	-1.722e+02
El: 8 18 - C.c:	-7.331e+01	8.417e+01	5.279e+00	4.496e+00	-1.884e+00	1.884e+00	7.394e+01	-7.394e+01	1.606e+02	3.463e+02	2.615e+02	-1.561e+02
El: 9 18 - C.c:	-6.613e+01	7.700e+01	5.186e+00	4.589e+00	-2.201e+00	2.201e+00	7.064e+01	-7.064e+01	2.017e+02	3.905e+02	2.530e+02	-1.727e+02
El: 10 18 - C.c:	-6.092e+01	7.178e+01	5.188e+00	4.588e+00	-1.880e+00	1.880e+00	7.184e+01	-7.184e+01	1.564e+02	3.495e+02	2.529e+02	-1.722e+02
El: 11 18 - C.c:	-7.331e+01	8.417e+01	5.279e+00	4.496e+00	-1.884e+00	1.884e+00	7.394e+01	-7.394e+01	1.606e+02	3.463e+02	2.615e+02	-1.561e+02
El: 12 18 - C.c:	-6.613e+01	7.700e+01	5.186e+00	4.589e+00	-2.201e+00	2.201e+00	7.064e+01	-7.064e+01	2.017e+02	3.905e+02	2.530e+02	-1.727e+02
El: 13 18 - C.c:	7.584e+00	6.537e+00	4.488e+00	8.220e+00	-3.231e+00	3.231e+00	9.752e+01	-9.752e+01	3.035e+02	5.659e+02	1.297e+02	-6.317e+02
El: 1 19 - C.c:	7.492e+00	3.370e+00	3.446e+00	6.329e+00	-2.460e+00	2.460e+00	7.498e+01	-7.498e+01	2.304e+02	4.315e+02	9.913e+01	-4.871e+02
El: 2 19 - C.c:	1.612e+01	-5.253e+00	3.411e+00	6.364e+00	-2.325e+00	2.325e+00	7.481e+01	-7.481e+01	2.143e+02	4.114e+02	9.575e+01	-4.930e+02
El: 3 19 - C.c:	1.827e+01	-7.409e+00	3.403e+00	6.373e+00	-2.292e+00	2.292e+00	7.477e+01	-7.477e+01	2.103e+02	4.063e+02	9.490e+01	-4.945e+02
El: 4 19 - C.c:	3.992e+01	-2.580e+01	4.359e+00	8.349e+00	-2.727e+00	2.727e+00	9.688e+01	-9.688e+01	2.433e+02	4.905e+02	1.170e+02	-6.540e+02
El: 5 19 - C.c:	2.103e+01	-6.907e+00	4.471e+00	8.237e+00	-2.764e+00	2.764e+00	9.973e+01	-9.973e+01	2.495e+02	4.942e+02	1.277e+02	-6.344e+02
El: 6 19 - C.c:	2.648e+01	-1.236e+01	4.376e+00	8.332e+00	-3.195e+00	3.195e+00	9.466e+01	-9.466e+01	2.973e+02	5.623e+02	1.190e+02	-6.513e+02
El: 7 19 - C.c:	2.905e+01	-1.819e+01	3.359e+00	6.416e+00	-2.124e+00	2.124e+00	7.455e+01	-7.455e+01	1.902e+02	3.812e+02	9.068e+01	-5.019e+02
El: 8 19 - C.c:	1.646e+01	-5.593e+00	3.434e+00	6.341e+00	-2.148e+00	2.148e+00	7.646e+01	-7.646e+01	1.944e+02	3.836e+02	9.780e+01	-4.888e+02
El: 9 19 - C.c:	2.009e+01	-9.225e+00	3.371e+00	6.405e+00	-2.435e+00	2.435e+00	7.308e+01	-7.308e+01	2.262e+02	4.290e+02	9.200e+01	-5.001e+02
El: 10 19 - C.c:	2.905e+01	-1.819e+01	3.359e+00	6.416e+00	-2.124e+00	2.124e+00	7.455e+01	-7.455e+01	1.902e+02	3.812e+02	9.068e+01	-5.019e+02
El: 11 19 - C.c:	1.646e+01	-5.593e+00	3.434e+00	6.341e+00	-2.148e+00	2.148e+00	7.646e+01	-7.646e+01	1.944e+02	3.836e+02	9.780e+01	-4.888e+02
El: 12 19 - C.c:	2.009e+01	-9.225e+00	3.371e+00	6.405e+00	-2.435e+00	2.435e+00	7.308e+01	-7.308e+01	2.262e+02	4.290e+02	9.200e+01	-5.001e+02
El: 13 19 - C.c:	5.711e+01	-4.299e+01	8.902e+00	-1.136e+00	-1.017e+00	1.017e+00	1.150e+01	-1.150e+01	8.514e+01	1.471e+02	5.374e+02	6.082e+02
El: 1 20 - C.c:	4.156e+01	-3.070e+01	6.844e+00	-8.708e-01	-7.660e-01	7.660e-01	8.681e+00	-8.681e+00	6.420e+01	1.106e+02	4.133e+02	4.672e+02
El: 2 20 - C.c:	2.923e+01	-1.836e+01	6.827e+00	-8.535e-01	-6.796e-01	6.796e-01	7.820e+00	-7.820e+00	5.749e+01	9.764e+01	4.129e+02	4.636e+02
El: 3 20 - C.c:	2.614e+01	-1.528e+01	6.823e+00	-8.491e-01	-6.580e-01	6.580e-01	7.605e+00	-7.605e+00	5.581e+01	9.439e+01	4.128e+02	4.627e+02
El: 4 20 - C.c:	1.087e+01	3.256e+00	8.837e+00	-1.071e+00	-6.935e-01	6.935e-01	8.272e+00	-8.272e+00	5.997e+01	9.832e+01	5.359e+02	5.949e+02
El: 5 20 - C.c:	1.036e+01	3.760e+00	9.015e+00	-1.249e+00	-6.954e-01	6.954e-01	1.482e+01	-1.482e+01	6.047e+01	9.826e+01	5.493e+02	6.221e+02
El: 6 20 - C.c:	5.761e+01	-4.349e+01	8.724e+00	-9.585e-01	-1.015e+00	1.015e+00	4.958e+00	-4.958e+00	8.464e+01	1.471e+02	5.240e+02	5.810e+02
El: 7 20 - C.c:	1.073e+01	1.330e-01	6.801e+00	-8.274e-01	-5.501e-01	5.501e-01	6.529e+00	-6.529e+00	4.742e+01	7.813e+01	4.123e+02	4.583e+02
El: 8 20 - C.c:	1.039e+01	4.692e-01	6.919e+00	-9.460e-01	-5.513e-01	5.513e-01	1.089e+01	-1.089e+01	4.776e+01	7.809e+01	4.213e+02	4.764e+02
El: 9 20 - C.c:	4.189e+01	-3.103e+01	6.726e+00	-7.522e-01	-7.647e-01	7.647e-01	4.319e+00	-4.319e+00	6.387e+01	1.107e+02	4.044e+02	4.491e+02
El: 10 20 - C.c:	1.073e+01	1.330e-01	6.801e+00	-8.274e-01	-5.501e-01	5.501e-01	6.529e+00	-6.529e+00	4.742e+01	7.813e+01	4.123e+02	4.583e+02
El: 11 20 - C.c:	1.039e+01	4.692e-01	6.919e+00	-9.460e-01	-5.513e-01	5.513e-01	1.089e+01	-1.089e+01	4.776e+01	7.809e+01	4.213e+02	4.764e+02
El: 12 20 - C.c:	4.189e+01	-3.103e+01	6.726e+00	-7.522e-01	-7.647e-01	7.647e-01	4.319e+00	-4.319e+00	6.387e+01	1.107e+02	4.044e+02	4.491e+02
El: 13 20 - C.c:	1.532e+00	1.259e+01	6.399e+00	6.309e+00	2.581e+00	-2.581e+00	-9.143e+01	9.143e+01	-2.392e+02	-4.552e+02	2.954e+02	-2.832e+02
El: 1 21 - C.c:	2.306e+00	8.557e+00	4.915e+00	4.861e+00	1.972e+00	-1.972e+00	-7.040e+01	7.040e+01	-1.823e+02	-3.482e+02	2.264e+02	-2.192e+02
El: 2 21 - C.c:	8.166e+00	2.696e+00	4.873e+00	4.902e+00	1.901e+00	-1.901e+00	-7.078e+01	7.078e+01	-1.735e+02	-3.379e+02	2.225e+02	-2.265e+02
El: 3 21 - C.c:	9.631e+00	1.231e+00	4.863e+00	4.913e+00	1.883e+00	-1.883e+00	-7.088e+01	7.088e+01	-1.714e+02	-3.353e+02	2.216e+02	-2.283e+02
El: 4 21 - C.c:	2.351e+01	-9.389e+00	6.244e+00	6.465e+00	2.315e+00	-2.315e+00	-9.285e+01	9.285e+01	-2.063e+02	-4.166e+02	2.807e+02	-3.104e+02
El: 5 21 - C.c:	1.727e+01	-3.145e+00	6.266e+00	6.442e+00	2.764e+00	-2.764e+00	-8.721e+01	8.721e+01	-2.607e+02	-4.829e+02	2.829e+02	-3.067e+02
El: 6 21 - C.c:	7.776e+00	6.346e+00	6.377e+00	6.331e+00	2.132e+00	-2.132e+00	-9.708e+01	9.708e+01	-1.848e+02	-3.889e+02	2.932e+02	-2.869e+02
El: 7 21 - C.c:												

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Fascicolo dei Calcoli
(Par. 10.1. Caratteristiche generali – D.M. Infrastrutture 17 gennaio 2018)

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 8 21 - C.c:	1.696e+01	-6.095e+00	4.811e+00	4.965e+00	1.794e+00	-1.794e+00	-7.135e+01	7.135e+01	-1.604e+02	-3.224e+02	2.167e+02	-2.374e+02
El: 9 21 - C.c:	1.280e+01	-1.933e+00	4.825e+00	4.950e+00	2.093e+00	-2.093e+00	-6.759e+01	6.759e+01	-1.966e+02	-3.666e+02	2.181e+02	-2.349e+02
El: 10 21 - C.c:	6.468e+00	4.395e+00	4.900e+00	4.876e+00	1.673e+00	-1.673e+00	-7.417e+01	7.417e+01	-1.461e+02	-3.040e+02	2.250e+02	-2.217e+02
El: 11 21 - C.c:	1.696e+01	-6.095e+00	4.811e+00	4.965e+00	1.794e+00	-1.794e+00	-7.135e+01	7.135e+01	-1.604e+02	-3.224e+02	2.167e+02	-2.374e+02
El: 12 21 - C.c:	1.280e+01	-1.933e+00	4.825e+00	4.950e+00	2.093e+00	-2.093e+00	-6.759e+01	6.759e+01	-1.966e+02	-3.666e+02	2.181e+02	-2.349e+02
El: 13 21 - C.c:	6.468e+00	4.395e+00	4.900e+00	4.876e+00	1.673e+00	-1.673e+00	-7.417e+01	7.417e+01	-1.461e+02	-3.040e+02	2.250e+02	-2.217e+02
El: 1 22 - C.c:	7.106e+00	7.015e+00	6.478e+00	6.230e+00	2.066e+00	-2.066e+00	-9.183e+01	9.183e+01	-1.729e+02	-3.830e+02	3.025e+02	-2.692e+02
El: 2 22 - C.c:	6.497e+00	4.365e+00	4.974e+00	4.801e+00	1.558e+00	-1.558e+00	-7.044e+01	7.044e+01	-1.286e+02	-2.905e+02	2.319e+02	-2.087e+02
El: 3 22 - C.c:	1.186e+01	-9.956e-01	4.927e+00	4.848e+00	1.393e+00	-1.393e+00	-6.938e+01	6.938e+01	-1.058e+02	-2.692e+02	2.275e+02	-2.169e+02
El: 4 22 - C.c:	1.320e+01	-2.336e+00	4.915e+00	4.860e+00	1.352e+00	-1.352e+00	-6.911e+01	6.911e+01	-1.001e+02	-2.638e+02	2.264e+02	-2.189e+02
El: 5 22 - C.c:	2.721e+01	-1.309e+01	6.302e+00	6.406e+00	1.450e+00	-1.450e+00	-8.786e+01	8.786e+01	-8.729e+01	-3.029e+02	2.861e+02	-3.000e+02
El: 6 22 - C.c:	2.255e+01	-8.424e+00	6.326e+00	6.382e+00	2.305e+00	-2.305e+00	-8.783e+01	8.783e+01	-2.022e+02	-4.181e+02	2.884e+02	-2.960e+02
El: 7 22 - C.c:	1.177e+01	2.351e+00	6.454e+00	6.254e+00	1.211e+00	-1.211e+00	-9.186e+01	9.186e+01	-5.803e+01	-2.678e+02	3.002e+02	-2.732e+02
El: 8 22 - C.c:	1.990e+01	-9.037e+00	4.857e+00	4.918e+00	1.147e+00	-1.147e+00	-6.779e+01	6.779e+01	-7.154e+01	-2.371e+02	2.210e+02	-2.292e+02
El: 9 22 - C.c:	1.679e+01	-5.927e+00	4.873e+00	4.903e+00	1.717e+00	-1.717e+00	-6.777e+01	6.777e+01	-1.481e+02	-3.139e+02	2.225e+02	-2.265e+02
El: 10 22 - C.c:	9.607e+00	1.256e+00	4.958e+00	4.817e+00	9.877e-01	-9.877e-01	-7.045e+01	7.045e+01	-5.203e+01	-2.137e+02	2.303e+02	-2.113e+02
El: 11 22 - C.c:	1.990e+01	-9.037e+00	4.857e+00	4.918e+00	1.147e+00	-1.147e+00	-6.779e+01	6.779e+01	-7.154e+01	-2.371e+02	2.210e+02	-2.292e+02
El: 12 22 - C.c:	1.679e+01	-5.927e+00	4.873e+00	4.903e+00	1.717e+00	-1.717e+00	-6.777e+01	6.777e+01	-1.481e+02	-3.139e+02	2.225e+02	-2.265e+02
El: 13 22 - C.c:	9.607e+00	1.256e+00	4.958e+00	4.817e+00	9.877e-01	-9.877e-01	-7.045e+01	7.045e+01	-5.203e+01	-2.137e+02	2.303e+02	-2.113e+02
El: 1 23 - C.c:	6.280e+00	7.842e+00	6.503e+00	6.205e+00	1.997e+00	-1.997e+00	-8.714e+01	8.714e+01	-1.602e+02	-3.772e+02	3.048e+02	-2.647e+02
El: 2 23 - C.c:	5.850e+00	5.012e+00	4.994e+00	4.781e+00	1.512e+00	-1.512e+00	-6.647e+01	6.647e+01	-1.195e+02	-2.872e+02	2.337e+02	-2.050e+02
El: 3 23 - C.c:	1.115e+01	-2.913e-01	4.951e+00	4.824e+00	1.384e+00	-1.384e+00	-6.356e+01	6.356e+01	-1.003e+02	-2.720e+02	2.297e+02	-2.126e+02
El: 4 23 - C.c:	1.248e+01	-1.617e+00	4.941e+00	4.835e+00	1.352e+00	-1.352e+00	-6.283e+01	6.283e+01	-9.551e+01	-2.682e+02	2.287e+02	-2.144e+02
El: 5 23 - C.c:	2.617e+01	-1.205e+01	6.343e+00	6.365e+00	1.517e+00	-1.517e+00	-7.622e+01	7.622e+01	-8.815e+01	-3.200e+02	2.898e+02	-2.928e+02
El: 6 23 - C.c:	2.227e+01	-8.151e+00	6.364e+00	6.344e+00	2.182e+00	-2.182e+00	-8.489e+01	8.489e+01	-1.828e+02	-4.043e+02	2.918e+02	-2.893e+02
El: 7 23 - C.c:	1.017e+01	3.947e+00	6.482e+00	6.226e+00	1.332e+00	-1.332e+00	-7.848e+01	7.848e+01	-6.556e+01	-2.930e+02	3.028e+02	-2.683e+02
El: 8 23 - C.c:	1.911e+01	-8.246e+00	4.887e+00	4.888e+00	1.192e+00	-1.192e+00	-5.919e+01	5.919e+01	-7.150e+01	-2.491e+02	2.237e+02	-2.238e+02
El: 9 23 - C.c:	1.651e+01	-5.650e+00	4.901e+00	4.874e+00	1.635e+00	-1.635e+00	-6.497e+01	6.497e+01	-1.346e+02	-3.053e+02	2.251e+02	-2.214e+02
El: 10 23 - C.c:	8.447e+00	2.416e+00	4.980e+00	4.795e+00	1.069e+00	-1.069e+00	-6.070e+01	6.070e+01	-5.644e+01	-2.311e+02	2.324e+02	-2.074e+02
El: 11 23 - C.c:	1.911e+01	-8.246e+00	4.887e+00	4.888e+00	1.192e+00	-1.192e+00	-5.919e+01	5.919e+01	-7.150e+01	-2.491e+02	2.237e+02	-2.238e+02
El: 12 23 - C.c:	1.651e+01	-5.650e+00	4.901e+00	4.874e+00	1.635e+00	-1.635e+00	-6.497e+01	6.497e+01	-1.346e+02	-3.053e+02	2.251e+02	-2.214e+02
El: 13 23 - C.c:	8.447e+00	2.416e+00	4.980e+00	4.795e+00	1.069e+00	-1.069e+00	-6.070e+01	6.070e+01	-5.644e+01	-2.311e+02	2.324e+02	-2.074e+02
El: 1 24 - C.c:	1.785e+00	1.234e+01	9.048e+00	-1.283e+00	-5.976e-02	5.976e-02	4.358e+00	-4.358e+00	-1.498e+01	2.862e+01	5.535e+02	6.255e+02
El: 2 24 - C.c:	4.879e-01	1.037e+01	6.966e+00	-9.925e-01	-6.721e-02	6.721e-02	4.275e+00	-4.275e+00	-8.792e+00	2.413e+01	4.263e+02	4.820e+02
El: 3 24 - C.c:	-4.117e+00	1.498e+01	6.996e+00	-1.023e+00	-1.777e-01	1.777e-01	9.071e+00	-9.071e+00	5.392e+00	3.517e+01	4.289e+02	4.863e+02
El: 4 24 - C.c:	-5.268e+00	1.613e+01	7.004e+00	-1.030e+00	-2.053e-01	2.053e-01	1.027e+01	-1.027e+01	8.938e+00	3.792e+01	4.295e+02	4.874e+02
El: 5 24 - C.c:	-1.548e+01	2.960e+01	9.162e+00	-1.397e+00	-4.740e-01	4.740e-01	2.234e+01	-2.234e+01	3.822e+01	6.999e+01	5.632e+02	6.418e+02
El: 6 24 - C.c:	1.175e+01	2.369e+00	8.978e+00	-1.213e+00	-4.333e-01	4.333e-01	1.188e+01	-1.188e+01	3.041e+01	6.849e+01	5.476e+02	6.155e+02
El: 7 24 - C.c:	-2.545e+01	3.957e+01	9.232e+00	-1.467e+00	-1.005e-01	1.005e-01	1.482e+01	-1.482e+01	-7.172e+00	3.012e+01	5.692e+02	6.518e+02
El: 24 - C.c:	-1.102e+01	2.189e+01	7.042e+00	-1.068e+00	-3.434e-01	3.434e-01	1.627e+01	-1.627e+01	2.667e+01	5.172e+01	4.328e+02	4.928e+02

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 8 24 - C.c:	7.133e+00	3.730e+00	6.919e+00	-9.458e-01	-3.162e-01	3.162e-01	9.291e+00	-9.291e+00	2.147e+01	5.071e+01	4.223e+02	4.753e+02
El: 9 24 - C.c:	-1.767e+01	2.853e+01	7.089e+00	-1.115e+00	-9.440e-02	9.440e-02	1.125e+01	-1.125e+01	-3.590e+00	2.514e+01	4.368e+02	4.995e+02
El: 10 24 - C.c:	-1.102e+01	2.189e+01	7.042e+00	-1.068e+00	-3.434e-01	3.434e-01	1.627e+01	-1.627e+01	2.667e+01	5.172e+01	4.328e+02	4.928e+02
El: 11 24 - C.c:	7.133e+00	3.730e+00	6.919e+00	-9.458e-01	-3.162e-01	3.162e-01	9.291e+00	-9.291e+00	2.147e+01	5.071e+01	4.223e+02	4.753e+02
El: 12 24 - C.c:	-1.767e+01	2.853e+01	7.089e+00	-1.115e+00	-9.440e-02	9.440e-02	1.125e+01	-1.125e+01	-3.590e+00	2.514e+01	4.368e+02	4.995e+02
El: 13 24 - C.c:	-1.102e+01	2.189e+01	7.042e+00	-1.068e+00	-3.434e-01	3.434e-01	1.627e+01	-1.627e+01	2.667e+01	5.172e+01	4.328e+02	4.928e+02

GRUPPO NUMERO: 4 - DESCRIZIONE: TRAVERSI PONTEGGIO P1

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 1 1 - C.c:	-5.185e-01	5.185e-01	4.890e+00	7.821e+00	-6.031e-01	6.031e-01	-8.118e+00	8.118e+00	5.442e+01	5.412e+01	5.618e+01	-3.199e+02
El: 2 1 - C.c:	-8.226e-01	8.226e-01	3.828e+00	5.949e+00	-4.549e-01	4.549e-01	-6.728e+00	6.728e+00	4.141e+01	4.047e+01	4.861e+01	-2.395e+02
El: 3 1 - C.c:	-3.026e+00	3.026e+00	4.175e+00	5.603e+00	-4.084e-01	4.084e-01	-9.242e+00	9.242e+00	3.908e+01	3.443e+01	7.667e+01	-2.052e+02
El: 4 1 - C.c:	-3.577e+00	3.577e+00	4.262e+00	5.516e+00	-3.968e-01	3.968e-01	-9.871e+00	9.871e+00	3.850e+01	3.293e+01	8.368e+01	-1.966e+02
El: 5 1 - C.c:	-8.781e+00	8.781e+00	6.190e+00	6.521e+00	-4.286e-01	4.286e-01	-1.755e+01	1.755e+01	4.567e+01	3.148e+01	1.614e+02	-1.912e+02
El: 6 1 - C.c:	-5.504e+00	5.504e+00	5.935e+00	6.776e+00	7.601e-02	-7.601e-02	-5.183e+00	5.183e+00	-2.099e+00	-1.158e+01	1.422e+02	-2.180e+02
El: 7 1 - C.c:	-3.795e+00	3.795e+00	5.145e+00	7.565e+00	-1.108e+00	1.108e+00	-2.048e+01	2.048e+01	1.022e+02	9.719e+01	7.532e+01	-2.931e+02
El: 8 1 - C.c:	-6.331e+00	6.331e+00	4.695e+00	5.083e+00	-3.387e-01	3.387e-01	-1.301e+01	1.301e+01	3.558e+01	2.538e+01	1.187e+02	-1.536e+02
El: 9 1 - C.c:	-4.147e+00	4.147e+00	4.525e+00	5.253e+00	-2.236e-03	2.236e-03	-4.772e+00	4.772e+00	3.733e+00	-3.331e+00	1.060e+02	-1.715e+02
El: 10 1 - C.c:	-3.007e+00	3.007e+00	3.999e+00	5.779e+00	-7.914e-01	7.914e-01	-1.497e+01	1.497e+01	7.326e+01	6.918e+01	6.137e+01	-2.216e+02
El: 11 1 - C.c:	-6.331e+00	6.331e+00	4.695e+00	5.083e+00	-3.387e-01	3.387e-01	-1.301e+01	1.301e+01	3.558e+01	2.538e+01	1.187e+02	-1.536e+02
El: 12 1 - C.c:	-4.147e+00	4.147e+00	4.525e+00	5.253e+00	-2.236e-03	2.236e-03	-4.772e+00	4.772e+00	3.733e+00	-3.331e+00	1.060e+02	-1.715e+02
El: 13 1 - C.c:	-3.007e+00	3.007e+00	3.999e+00	5.779e+00	-7.914e-01	7.914e-01	-1.497e+01	1.497e+01	7.326e+01	6.918e+01	6.137e+01	-2.216e+02
El: 1 2 - C.c:	-8.426e-01	8.426e-01	8.449e+00	4.262e+00	-6.386e-01	6.386e-01	-8.399e+00	8.399e+00	5.986e+01	5.509e+01	3.658e+02	1.103e+01
El: 2 2 - C.c:	-5.773e-01	5.773e-01	6.493e+00	3.285e+00	-4.893e-01	4.893e-01	-7.388e+00	7.388e+00	4.611e+01	4.196e+01	2.808e+02	7.888e+00
El: 3 2 - C.c:	-2.090e-01	2.090e-01	6.459e+00	3.318e+00	-4.791e-01	4.791e-01	-1.220e+01	1.220e+01	4.648e+01	3.976e+01	2.779e+02	4.799e+00
El: 4 2 - C.c:	-1.169e-01	1.169e-01	6.451e+00	3.327e+00	-4.766e-01	4.766e-01	-1.341e+01	1.341e+01	4.657e+01	3.921e+01	2.772e+02	4.027e+00
El: 5 2 - C.c:	5.388e-01	-5.388e-01	8.324e+00	4.387e+00	-6.004e-01	6.004e-01	-2.646e+01	2.646e+01	6.122e+01	4.685e+01	3.549e+02	-5.581e-01
El: 6 2 - C.c:	-1.036e+00	1.036e+00	8.346e+00	4.365e+00	-2.498e-02	2.498e-02	-5.432e+00	5.432e+00	7.934e+00	-3.437e+00	3.580e+02	2.040e-01
El: 7 2 - C.c:	7.319e-01	-7.319e-01	8.427e+00	4.284e+00	-1.214e+00	1.214e+00	-2.943e+01	2.943e+01	1.131e+02	1.054e+02	3.626e+02	1.027e+01
El: 8 2 - C.c:	3.436e-01	-3.436e-01	6.409e+00	3.368e+00	-4.638e-01	4.638e-01	-1.943e+01	1.943e+01	4.702e+01	3.646e+01	2.735e+02	1.648e-01
El: 9 2 - C.c:	-7.061e-01	7.061e-01	6.424e+00	3.354e+00	-8.020e-02	8.020e-02	-5.409e+00	5.409e+00	1.150e+01	2.936e+00	2.757e+02	6.729e-01
El: 10 2 - C.c:	4.724e-01	-4.724e-01	6.478e+00	3.300e+00	-8.729e-01	8.729e-01	-2.141e+01	2.141e+01	8.164e+01	7.548e+01	2.787e+02	7.380e+00
El: 11 2 - C.c:	3.436e-01	-3.436e-01	6.409e+00	3.368e+00	-4.638e-01	4.638e-01	-1.943e+01	1.943e+01	4.702e+01	3.646e+01	2.735e+02	1.648e-01
El: 12 2 - C.c:	-7.061e-01	7.061e-01	6.424e+00	3.354e+00	-8.020e-02	8.020e-02	-5.409e+00	5.409e+00	1.150e+01	2.936e+00	2.757e+02	6.729e-01
El: 13 2 - C.c:	4.724e-01	-4.724e-01	6.478e+00	3.300e+00	-8.729e-01	8.729e-01	-2.141e+01	2.141e+01	8.164e+01	7.548e+01	2.787e+02	7.380e+00
El: 1 3 - C.c:	-4.466e+01	4.466e+01	2.044e+02	1.895e+02	8.151e-01	-8.151e-01	2.177e+01	-2.177e+01	-4.575e+01	-4.391e+01	3.286e+03	-2.467e+03
El: 2 3 - C.c:	-3.456e+01	3.456e+01	1.573e+02	1.457e+02	6.101e-01	-6.101e-01	1.892e+01	-1.892e+01	-3.400e+01	-3.311e+01	2.529e+03	-1.891e+03
El: 3 3 - C.c:	-3.565e+01	3.565e+01	1.577e+02	1.453e+02	5.225e-01	-5.225e-01	3.019e+01	-3.019e+01	-2.782e+01	-2.966e+01	2.535e+03	-1.857e+03
El: 4 3 - C.c:	-3.592e+01	3.592e+01	1.577e+02	1.452e+02	5.005e-01	-5.005e-01	3.301e+01	-3.301e+01	-2.627e+01	-2.879e+01	2.536e+03	-1.848e+03
El: 5 3 - C.c:	-4.873e+01	4.873e+01	2.058e+02	1.881e+02	4.863e-01	-4.863e-01	6.404e+01	-6.404e+01	-2.256e+01	-3.094e+01	3.308e+03	-2.338e+03
El: 6 3 - C.c:	-4.326e+01	4.326e+01	2.037e+02	1.901e+02	-3.829e-01	3.829e-01	4.707e+01	-4.707e+01	2.279e+01	1.933e+01	3.274e+03	-2.525e+03

COMUNE DI PRAIANO cc_g976 0007113 Uscita 07/08/2025 15:08
COMUNE DI PRAIANO cc_g976 0007619 Ingresso 09/09/2024 12:39

Elem./C.c.		Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 7	3 - C.c:	-5.013e+01	5.013e+01	2.064e+02	1.875e+02	1.684e+00	-1.684e+00	3.875e+01	-3.875e+01	-9.109e+01	-9.419e+01	3.320e+03	-2.281e+03
El: 8	3 - C.c:	-3.727e+01	3.727e+01	1.582e+02	1.448e+02	3.910e-01	-3.910e-01	4.709e+01	-4.709e+01	-1.854e+01	-2.447e+01	2.544e+03	-1.805e+03
El: 9	3 - C.c:	-3.363e+01	3.363e+01	1.569e+02	1.461e+02	-1.885e-01	1.885e-01	3.578e+01	-3.578e+01	1.169e+01	9.049e+00	2.521e+03	-1.929e+03
El: 10	3 - C.c:	-3.821e+01	3.821e+01	1.586e+02	1.444e+02	1.190e+00	-1.190e+00	3.023e+01	-3.023e+01	-6.423e+01	-6.663e+01	2.552e+03	-1.767e+03
El: 11	3 - C.c:	-3.727e+01	3.727e+01	1.582e+02	1.448e+02	3.910e-01	-3.910e-01	4.709e+01	-4.709e+01	-1.854e+01	-2.447e+01	2.544e+03	-1.805e+03
El: 12	3 - C.c:	-3.363e+01	3.363e+01	1.569e+02	1.461e+02	-1.885e-01	1.885e-01	3.578e+01	-3.578e+01	1.169e+01	9.049e+00	2.521e+03	-1.929e+03
El: 13	3 - C.c:	-3.821e+01	3.821e+01	1.586e+02	1.444e+02	1.190e+00	-1.190e+00	3.023e+01	-3.023e+01	-6.423e+01	-6.663e+01	2.552e+03	-1.767e+03
El: 1	4 - C.c:	-1.469e-02	1.469e-02	4.378e+00	8.333e+00	-2.821e-02	2.821e-02	-6.845e+00	6.845e+00	1.909e+01	-1.402e+01	-3.093e-01	-3.556e+02
El: 2	4 - C.c:	-7.725e-01	7.725e-01	3.424e+00	6.354e+00	1.148e-02	-1.148e-02	-5.405e+00	5.405e+00	1.234e+01	-1.441e+01	5.069e+00	-2.688e+02
El: 3	4 - C.c:	-4.731e+00	4.731e+00	3.714e+00	6.064e+00	1.840e-01	-1.840e-01	-6.134e+00	6.134e+00	1.509e-01	-3.327e+01	3.267e+01	-2.442e+02
El: 4	4 - C.c:	-5.720e+00	5.720e+00	3.786e+00	5.991e+00	2.271e-01	-2.271e-01	-6.316e+00	6.316e+00	-2.897e+00	-3.799e+01	3.957e+01	-2.380e+02
El: 5	4 - C.c:	-1.486e+01	1.486e+01	5.466e+00	7.245e+00	6.187e-01	-6.187e-01	-9.578e+00	9.578e+00	-2.663e+01	-8.475e+01	1.032e+02	-2.632e+02
El: 6	4 - C.c:	-8.773e+00	8.773e+00	5.318e+00	7.393e+00	5.166e-01	-5.166e-01	-5.598e+00	5.598e+00	-3.223e+01	-6.075e+01	8.895e+01	-2.757e+02
El: 7	4 - C.c:	-6.099e+00	6.099e+00	4.526e+00	8.185e+00	7.394e-02	-7.394e-02	-1.082e+01	1.082e+01	2.470e+01	-3.801e+01	1.392e+01	-3.432e+02
El: 8	4 - C.c:	-1.067e+01	1.067e+01	4.149e+00	5.629e+00	4.428e-01	-4.428e-01	-7.228e+00	7.228e+00	-1.814e+01	-6.156e+01	7.406e+01	-2.072e+02
El: 9	4 - C.c:	-6.612e+00	6.612e+00	4.050e+00	5.727e+00	3.747e-01	-3.747e-01	-4.574e+00	4.574e+00	-2.188e+01	-4.557e+01	6.458e+01	-2.155e+02
El: 10	4 - C.c:	-4.829e+00	4.829e+00	3.522e+00	6.255e+00	7.958e-02	-7.958e-02	-8.059e+00	8.059e+00	1.608e+01	-3.041e+01	1.456e+01	-2.605e+02
El: 11	4 - C.c:	-1.067e+01	1.067e+01	4.149e+00	5.629e+00	4.428e-01	-4.428e-01	-7.228e+00	7.228e+00	-1.814e+01	-6.156e+01	7.406e+01	-2.072e+02
El: 12	4 - C.c:	-6.612e+00	6.612e+00	4.050e+00	5.727e+00	3.747e-01	-3.747e-01	-4.574e+00	4.574e+00	-2.188e+01	-4.557e+01	6.458e+01	-2.155e+02
El: 13	4 - C.c:	-4.829e+00	4.829e+00	3.522e+00	6.255e+00	7.958e-02	-7.958e-02	-8.059e+00	8.059e+00	1.608e+01	-3.041e+01	1.456e+01	-2.605e+02
El: 1	5 - C.c:	2.389e+00	-2.389e+00	8.037e+00	4.674e+00	-3.487e-02	3.487e-02	6.613e+00	-6.613e+00	1.650e+01	-1.022e+01	3.424e+02	-3.976e+01
El: 2	5 - C.c:	2.011e+00	-2.011e+00	6.176e+00	3.602e+00	5.361e-03	-5.361e-03	5.081e+00	-5.081e+00	1.036e+01	-1.132e+01	2.628e+02	-3.114e+01
El: 3	5 - C.c:	2.912e+00	-2.912e+00	6.144e+00	3.634e+00	1.727e-01	-1.727e-01	5.050e+00	-5.050e+00	-1.760e+00	-2.933e+01	2.599e+02	-3.406e+01
El: 4	5 - C.c:	3.137e+00	-3.137e+00	6.136e+00	3.642e+00	2.146e-01	-2.146e-01	5.042e+00	-5.042e+00	-4.790e+00	-3.383e+01	2.592e+02	-3.479e+01
El: 5	5 - C.c:	5.768e+00	-5.768e+00	7.916e+00	4.795e+00	5.927e-01	-5.927e-01	6.495e+00	-6.495e+00	-2.895e+01	-7.774e+01	3.315e+02	-5.070e+01
El: 6	5 - C.c:	2.025e+00	-2.025e+00	7.986e+00	4.725e+00	4.621e-01	-4.621e-01	7.709e+00	-7.709e+00	-2.978e+01	-5.340e+01	3.380e+02	-4.451e+01
El: 7	5 - C.c:	6.132e+00	-6.132e+00	7.967e+00	4.744e+00	9.576e-02	-9.576e-02	5.400e+00	-5.400e+00	1.732e+01	-3.456e+01	3.360e+02	-4.594e+01
El: 8	5 - C.c:	4.264e+00	-4.264e+00	6.095e+00	3.682e+00	4.237e-01	-4.237e-01	5.002e+00	-5.002e+00	-1.994e+01	-5.634e+01	2.556e+02	-3.844e+01
El: 9	5 - C.c:	1.768e+00	-1.768e+00	6.142e+00	3.636e+00	3.367e-01	-3.367e-01	5.811e+00	-5.811e+00	-2.049e+01	-4.011e+01	2.599e+02	-3.431e+01
El: 10	5 - C.c:	4.506e+00	-4.506e+00	6.129e+00	3.648e+00	9.244e-02	-9.244e-02	4.272e+00	-4.272e+00	1.091e+01	-2.755e+01	2.585e+02	-3.527e+01
El: 11	5 - C.c:	4.264e+00	-4.264e+00	6.095e+00	3.682e+00	4.237e-01	-4.237e-01	5.002e+00	-5.002e+00	-1.994e+01	-5.634e+01	2.556e+02	-3.844e+01
El: 12	5 - C.c:	1.768e+00	-1.768e+00	6.142e+00	3.636e+00	3.367e-01	-3.367e-01	5.811e+00	-5.811e+00	-2.049e+01	-4.011e+01	2.599e+02	-3.431e+01
El: 13	5 - C.c:	4.506e+00	-4.506e+00	6.129e+00	3.648e+00	9.244e-02	-9.244e-02	4.272e+00	-4.272e+00	1.091e+01	-2.755e+01	2.585e+02	-3.527e+01
El: 1	6 - C.c:	7.069e+00	-7.069e+00	8.901e+00	3.810e+00	1.583e+00	-1.583e+00	-8.393e+01	8.393e+01	-1.526e+02	-1.324e+02	5.749e+02	-1.168e+02
El: 2	6 - C.c:	4.423e+00	-4.423e+00	6.855e+00	2.923e+00	1.295e+00	-1.295e+00	-6.537e+01	6.537e+01	-1.242e+02	-1.090e+02	4.413e+02	-8.735e+01
El: 3	6 - C.c:	-8.535e-01	8.535e-01	6.898e+00	2.879e+00	1.698e+00	-1.698e+00	-6.958e+01	6.958e+01	-1.595e+02	-1.462e+02	4.362e+02	-7.451e+01
El: 4	6 - C.c:	-2.173e+00	2.173e+00	6.909e+00	2.868e+00	1.799e+00	-1.799e+00	-7.063e+01	7.063e+01	-1.684e+02	-1.555e+02	4.350e+02	-7.129e+01
El: 5	6 - C.c:	-1.272e+01	1.272e+01	9.064e+00	3.647e+00	3.095e+00	-3.095e+00	-9.970e+01	9.970e+01	-2.851e+02	-2.719e+02	5.561e+02	-6.861e+01
El: 6	6 - C.c:	-6.174e+00	6.174e+00	9.078e+00	3.633e+00	1.912e+00	-1.912e+00	-8.142e+01	8.142e+01	-1.797e+02	-1.645e+02	5.632e+02	-7.317e+01
El:	6 - C.c:	5.254e-01	-5.254e-01	8.886e+00	3.825e+00	2.766e+00	-2.766e+00	-1.022e+02	1.022e+02	-2.580e+02	-2.398e+02	5.678e+02	-1.122e+02

COMUNE DI PRAIANO c_g976 0007113 Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 Ingresso 09/09/2024 12:39

Elem./C.c.		Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 7	6 - C.c:	-8.768e+00	8.768e+00	6.964e+00	2.814e+00	2.303e+00	-2.303e+00	-7.588e+01	7.588e+01	-2.125e+02	-2.020e+02	4.287e+02	-5.524e+01
El: 8	6 - C.c:	-4.406e+00	4.406e+00	6.973e+00	2.804e+00	1.515e+00	-1.515e+00	-6.370e+01	6.370e+01	-1.423e+02	-1.304e+02	4.335e+02	-5.828e+01
El: 9	6 - C.c:	6.059e-02	-6.059e-02	6.845e+00	2.932e+00	2.084e+00	-2.084e+00	-7.755e+01	7.755e+01	-1.945e+02	-1.806e+02	4.365e+02	-8.431e+01
El: 10	6 - C.c:	-8.768e+00	8.768e+00	6.964e+00	2.814e+00	2.303e+00	-2.303e+00	-7.588e+01	7.588e+01	-2.125e+02	-2.020e+02	4.287e+02	-5.524e+01
El: 11	6 - C.c:	-4.406e+00	4.406e+00	6.973e+00	2.804e+00	1.515e+00	-1.515e+00	-6.370e+01	6.370e+01	-1.423e+02	-1.304e+02	4.335e+02	-5.828e+01
El: 12	6 - C.c:	6.059e-02	-6.059e-02	6.845e+00	2.932e+00	2.084e+00	-2.084e+00	-7.755e+01	7.755e+01	-1.945e+02	-1.806e+02	4.365e+02	-8.431e+01
El: 13	6 - C.c:	2.456e+00	-2.456e+00	7.950e+00	4.761e+00	1.482e+00	-1.482e+00	2.921e+01	-2.921e+01	-1.378e+02	-1.290e+02	3.309e+02	-4.387e+01
El: 1	7 - C.c:	2.055e+00	-2.055e+00	6.109e+00	3.669e+00	1.217e+00	-1.217e+00	2.338e+01	-2.338e+01	-1.126e+02	-1.064e+02	2.539e+02	-3.435e+01
El: 2	7 - C.c:	2.918e+00	-2.918e+00	6.073e+00	3.705e+00	1.613e+00	-1.613e+00	2.810e+01	-2.810e+01	-1.470e+02	-1.434e+02	2.506e+02	-3.748e+01
El: 3	7 - C.c:	3.134e+00	-3.134e+00	6.063e+00	3.714e+00	1.713e+00	-1.713e+00	2.929e+01	-2.929e+01	-1.556e+02	-1.527e+02	2.497e+02	-3.827e+01
El: 4	7 - C.c:	5.694e+00	-5.694e+00	7.815e+00	4.896e+00	2.971e+00	-2.971e+00	4.693e+01	-4.693e+01	-2.668e+02	-2.679e+02	3.183e+02	-5.562e+01
El: 5	7 - C.c:	2.196e+00	-2.196e+00	7.885e+00	4.826e+00	1.808e+00	-1.808e+00	2.602e+01	-2.602e+01	-1.667e+02	-1.588e+02	3.245e+02	-4.915e+01
El: 6	7 - C.c:	5.953e+00	-5.953e+00	7.880e+00	4.831e+00	2.645e+00	-2.645e+00	5.012e+01	-5.012e+01	-2.379e+02	-2.382e+02	3.248e+02	-5.034e+01
El: 7	7 - C.c:	4.214e+00	-4.214e+00	6.018e+00	3.759e+00	2.209e+00	-2.209e+00	3.519e+01	-3.519e+01	-1.986e+02	-1.990e+02	2.455e+02	-4.218e+01
El: 8	7 - C.c:	1.882e+00	-1.882e+00	6.065e+00	3.712e+00	1.434e+00	-1.434e+00	2.125e+01	-2.125e+01	-1.319e+02	-1.262e+02	2.496e+02	-3.787e+01
El: 9	7 - C.c:	4.386e+00	-4.386e+00	6.062e+00	3.716e+00	1.991e+00	-1.991e+00	3.732e+01	-3.732e+01	-1.793e+02	-1.791e+02	2.498e+02	-3.866e+01
El: 10	7 - C.c:	4.214e+00	-4.214e+00	6.018e+00	3.759e+00	2.209e+00	-2.209e+00	3.519e+01	-3.519e+01	-1.986e+02	-1.990e+02	2.455e+02	-4.218e+01
El: 11	7 - C.c:	1.882e+00	-1.882e+00	6.065e+00	3.712e+00	1.434e+00	-1.434e+00	2.125e+01	-2.125e+01	-1.319e+02	-1.262e+02	2.496e+02	-3.787e+01
El: 12	7 - C.c:	4.386e+00	-4.386e+00	6.062e+00	3.716e+00	1.991e+00	-1.991e+00	3.732e+01	-3.732e+01	-1.793e+02	-1.791e+02	2.498e+02	-3.866e+01
El: 13	7 - C.c:	-5.579e-01	5.579e-01	2.808e-01	7.487e+00	-1.359e+00	1.359e+00	-1.250e+01	1.250e+01	9.287e+01	5.665e+01	-1.351e+02	-2.613e+02
El: 1	8 - C.c:	-3.627e-01	3.627e-01	2.479e-01	5.727e+00	-9.489e-01	9.489e-01	-8.997e+00	8.997e+00	6.690e+01	3.749e+01	-1.022e+02	-1.991e+02
El: 2	8 - C.c:	-1.699e-02	1.699e-02	4.137e-01	5.562e+00	-4.462e-01	4.462e-01	-5.769e+00	5.769e+00	4.329e+01	5.796e+00	-9.357e+01	-1.896e+02
El: 3	8 - C.c:	6.943e-02	-6.943e-02	4.551e-01	5.520e+00	-3.205e-01	3.205e-01	-4.961e+00	4.961e+00	3.739e+01	-2.126e+00	-9.141e+01	-1.872e+02
El: 4	8 - C.c:	7.384e-01	-7.384e-01	9.026e-01	6.865e+00	5.259e-01	-5.259e-01	-3.959e-01	3.959e-01	4.337e+00	-6.218e+01	-1.026e+02	-2.254e+02
El: 5	8 - C.c:	-5.340e-01	5.340e-01	7.187e-01	7.049e+00	-2.616e-01	2.616e-01	-1.506e+01	1.506e+01	3.620e+01	-7.416e+00	-1.128e+02	-2.354e+02
El: 6	8 - C.c:	7.145e-01	-7.145e-01	4.647e-01	7.303e+00	-5.718e-01	5.718e-01	2.161e+00	-2.161e+00	6.101e+01	1.887e+00	-1.248e+02	-2.513e+02
El: 7	8 - C.c:	5.016e-01	-5.016e-01	6.624e-01	5.313e+00	3.078e-01	-3.078e-01	-9.254e-01	9.254e-01	7.876e+00	-4.174e+01	-8.058e+01	-1.752e+02
El: 8	8 - C.c:	-3.467e-01	3.467e-01	5.398e-01	5.435e+00	-2.172e-01	2.172e-01	-1.070e+01	1.070e+01	2.911e+01	-5.227e+00	-8.739e+01	-1.819e+02
El: 9	8 - C.c:	4.856e-01	-4.856e-01	3.705e-01	5.605e+00	-4.239e-01	4.239e-01	7.794e-01	-7.794e-01	4.566e+01	9.745e-01	-9.542e+01	-1.925e+02
El: 10	8 - C.c:	5.016e-01	-5.016e-01	6.624e-01	5.313e+00	3.078e-01	-3.078e-01	-9.254e-01	9.254e-01	7.876e+00	-4.174e+01	-8.058e+01	-1.752e+02
El: 11	8 - C.c:	-3.467e-01	3.467e-01	5.398e-01	5.435e+00	-2.172e-01	2.172e-01	-1.070e+01	1.070e+01	2.911e+01	-5.227e+00	-8.739e+01	-1.819e+02
El: 12	8 - C.c:	4.856e-01	-4.856e-01	3.705e-01	5.605e+00	-4.239e-01	4.239e-01	7.794e-01	-7.794e-01	4.566e+01	9.745e-01	-9.542e+01	-1.925e+02
El: 13	8 - C.c:	-2.248e+01	2.248e+01	1.952e+02	1.987e+02	-7.702e-01	7.702e-01	1.797e+02	-1.797e+02	4.926e+01	3.546e+01	3.090e+03	-3.279e+03
El: 1	9 - C.c:	-1.722e+01	1.722e+01	1.501e+02	1.529e+02	-7.969e-01	7.969e-01	1.375e+02	-1.375e+02	4.922e+01	3.844e+01	2.373e+03	-2.526e+03
El: 2	9 - C.c:	-1.683e+01	1.683e+01	1.498e+02	1.532e+02	-1.860e+00	1.860e+00	1.337e+02	-1.337e+02	1.081e+02	9.651e+01	2.354e+03	-2.542e+03
El: 3	9 - C.c:	-1.673e+01	1.673e+01	1.497e+02	1.533e+02	-2.126e+00	2.126e+00	1.327e+02	-1.327e+02	1.228e+02	1.110e+02	2.349e+03	-2.546e+03
El: 4	9 - C.c:	-2.101e+01	2.101e+01	1.940e+02	1.999e+02	-4.757e+00	4.757e+00	1.652e+02	-1.652e+02	2.701e+02	2.532e+02	3.017e+03	-3.340e+03
El: 5	9 - C.c:	-2.226e+01	2.226e+01	1.959e+02	1.979e+02	-2.479e+00	2.479e+00	1.669e+02	-1.669e+02	1.416e+02	1.311e+02	3.131e+03	-3.242e+03
El: 6	9 - C.c:	-2.124e+01	2.124e+01	1.933e+02	2.006e+02	-3.049e+00	3.049e+00	1.781e+02	-1.781e+02	1.778e+02	1.575e+02	2.976e+03	-3.377e+03
El: 7	9 - C.c:												

COMUNE DI PRAIANO cc_g976 0007113 Uscita 07/08/2025 15:08
COMUNE DI PRAIANO cc_g976 0007619 Ingresso 09/09/2024 12:39

Elem./C.c.		Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 8	9 - C.c:	-1.624e+01	1.624e+01	1.493e+02	1.537e+02	-3.455e+00	3.455e+00	1.279e+02	-1.279e+02	1.965e+02	1.836e+02	2.324e+03	-2.566e+03
El: 9	9 - C.c:	-1.707e+01	1.707e+01	1.506e+02	1.524e+02	-1.936e+00	1.936e+00	1.290e+02	-1.290e+02	1.108e+02	1.022e+02	2.400e+03	-2.501e+03
El: 10	9 - C.c:	-1.639e+01	1.639e+01	1.488e+02	1.542e+02	-2.316e+00	2.316e+00	1.364e+02	-1.364e+02	1.349e+02	1.198e+02	2.297e+03	-2.591e+03
El: 11	9 - C.c:	-1.624e+01	1.624e+01	1.493e+02	1.537e+02	-3.455e+00	3.455e+00	1.279e+02	-1.279e+02	1.965e+02	1.836e+02	2.324e+03	-2.566e+03
El: 12	9 - C.c:	-1.707e+01	1.707e+01	1.506e+02	1.524e+02	-1.936e+00	1.936e+00	1.290e+02	-1.290e+02	1.108e+02	1.022e+02	2.400e+03	-2.501e+03
El: 13	9 - C.c:	-1.639e+01	1.639e+01	1.488e+02	1.542e+02	-2.316e+00	2.316e+00	1.364e+02	-1.364e+02	1.349e+02	1.198e+02	2.297e+03	-2.591e+03
El: 1	10 - C.c:	-2.710e+01	2.710e+01	1.956e+02	1.983e+02	9.904e-01	-9.904e-01	-1.494e+02	1.494e+02	-5.709e+01	-5.186e+01	3.022e+03	-3.174e+03
El: 2	10 - C.c:	-2.070e+01	2.070e+01	1.504e+02	1.526e+02	6.314e-01	-6.314e-01	-1.157e+02	1.157e+02	-3.661e+01	-3.284e+01	2.325e+03	-2.442e+03
El: 3	10 - C.c:	-1.991e+01	1.991e+01	1.504e+02	1.526e+02	-4.720e-02	4.720e-02	-1.196e+02	1.196e+02	1.376e+00	3.816e+00	2.324e+03	-2.442e+03
El: 4	10 - C.c:	-1.972e+01	1.972e+01	1.504e+02	1.526e+02	-2.168e-01	2.168e-01	-1.206e+02	1.206e+02	1.087e+01	1.298e+01	2.324e+03	-2.442e+03
El: 5	10 - C.c:	-2.416e+01	2.416e+01	1.955e+02	1.983e+02	-1.554e+00	1.554e+00	-1.640e+02	1.640e+02	8.536e+01	8.561e+01	3.019e+03	-3.175e+03
El: 6	10 - C.c:	-2.492e+01	2.492e+01	1.952e+02	1.986e+02	-3.979e-01	3.979e-01	-1.614e+02	1.614e+02	2.271e+01	2.106e+01	3.006e+03	-3.192e+03
El: 7	10 - C.c:	-2.635e+01	2.635e+01	1.958e+02	1.980e+02	-1.659e-01	1.659e-01	-1.520e+02	1.520e+02	5.557e+00	1.269e+01	3.035e+03	-3.157e+03
El: 8	10 - C.c:	-1.874e+01	1.874e+01	1.504e+02	1.526e+02	-1.065e+00	1.065e+00	-1.254e+02	1.254e+02	5.836e+01	5.881e+01	2.323e+03	-2.442e+03
El: 9	10 - C.c:	-1.924e+01	1.924e+01	1.502e+02	1.528e+02	-2.942e-01	2.942e-01	-1.237e+02	1.237e+02	1.659e+01	1.577e+01	2.314e+03	-2.454e+03
El: 10	10 - C.c:	-2.019e+01	2.019e+01	1.506e+02	1.524e+02	-1.395e-01	1.395e-01	-1.174e+02	1.174e+02	5.154e+00	1.019e+01	2.333e+03	-2.430e+03
El: 11	10 - C.c:	-1.874e+01	1.874e+01	1.504e+02	1.526e+02	-1.065e+00	1.065e+00	-1.254e+02	1.254e+02	5.836e+01	5.881e+01	2.323e+03	-2.442e+03
El: 12	10 - C.c:	-1.924e+01	1.924e+01	1.502e+02	1.528e+02	-2.942e-01	2.942e-01	-1.237e+02	1.237e+02	1.659e+01	1.577e+01	2.314e+03	-2.454e+03
El: 13	10 - C.c:	-2.019e+01	2.019e+01	1.506e+02	1.524e+02	-1.395e-01	1.395e-01	-1.174e+02	1.174e+02	5.154e+00	1.019e+01	2.333e+03	-2.430e+03
El: 1	11 - C.c:	-4.484e+01	4.484e+01	2.028e+02	1.910e+02	-2.040e+00	2.040e+00	1.469e+01	-1.469e+01	1.097e+02	1.147e+02	3.227e+03	-2.580e+03
El: 2	11 - C.c:	-3.481e+01	3.481e+01	1.559e+02	1.471e+02	-1.740e+00	1.740e+00	1.314e+01	-1.314e+01	9.376e+01	9.768e+01	2.473e+03	-1.986e+03
El: 3	11 - C.c:	-3.648e+01	3.648e+01	1.554e+02	1.476e+02	-2.630e+00	2.630e+00	2.268e+01	-2.268e+01	1.425e+02	1.468e+02	2.427e+03	-1.997e+03
El: 4	11 - C.c:	-3.689e+01	3.689e+01	1.553e+02	1.477e+02	-2.852e+00	2.852e+00	2.506e+01	-2.506e+01	1.547e+02	1.591e+02	2.415e+03	-2.000e+03
El: 5	11 - C.c:	-5.109e+01	5.109e+01	2.009e+02	1.930e+02	-5.376e+00	5.376e+00	5.047e+01	-5.047e+01	2.924e+02	2.990e+02	3.053e+03	-2.619e+03
El: 6	11 - C.c:	-4.309e+01	4.309e+01	2.032e+02	1.907e+02	-3.545e+00	3.545e+00	3.383e+01	-3.383e+01	1.942e+02	1.957e+02	3.268e+03	-2.581e+03
El: 7	11 - C.c:	-5.283e+01	5.283e+01	2.005e+02	1.934e+02	-3.872e+00	3.872e+00	3.133e+01	-3.133e+01	2.079e+02	2.180e+02	3.012e+03	-2.618e+03
El: 8	11 - C.c:	-3.898e+01	3.898e+01	1.546e+02	1.484e+02	-3.965e+00	3.965e+00	3.699e+01	-3.699e+01	2.156e+02	2.205e+02	2.357e+03	-2.013e+03
El: 9	11 - C.c:	-3.365e+01	3.365e+01	1.562e+02	1.468e+02	-2.743e+00	2.743e+00	2.589e+01	-2.589e+01	1.501e+02	1.517e+02	2.501e+03	-1.987e+03
El: 10	11 - C.c:	-4.014e+01	4.014e+01	1.544e+02	1.486e+02	-2.962e+00	2.962e+00	2.423e+01	-2.423e+01	1.592e+02	1.665e+02	2.330e+03	-2.012e+03
El: 11	11 - C.c:	-3.898e+01	3.898e+01	1.546e+02	1.484e+02	-3.965e+00	3.965e+00	3.699e+01	-3.699e+01	2.156e+02	2.205e+02	2.357e+03	-2.013e+03
El: 12	11 - C.c:	-3.365e+01	3.365e+01	1.562e+02	1.468e+02	-2.743e+00	2.743e+00	2.589e+01	-2.589e+01	1.501e+02	1.517e+02	2.501e+03	-1.987e+03
El: 13	11 - C.c:	-4.014e+01	4.014e+01	1.544e+02	1.486e+02	-2.962e+00	2.962e+00	2.423e+01	-2.423e+01	1.592e+02	1.665e+02	2.330e+03	-2.012e+03
El: 1	12 - C.c:	-4.720e+01	4.720e+01	2.027e+02	1.912e+02	5.895e-01	-5.895e-01	3.510e+01	-3.510e+01	-2.968e+01	-3.516e+01	3.195e+03	-2.563e+03
El: 2	12 - C.c:	-3.665e+01	3.665e+01	1.558e+02	1.471e+02	3.853e-01	-3.853e-01	2.852e+01	-2.852e+01	-1.900e+01	-2.338e+01	2.450e+03	-1.972e+03
El: 3	12 - C.c:	-3.845e+01	3.845e+01	1.554e+02	1.476e+02	3.079e-02	-3.079e-02	3.642e+01	-3.642e+01	9.236e-01	-4.310e+00	2.407e+03	-1.975e+03
El: 4	12 - C.c:	-3.890e+01	3.890e+01	1.553e+02	1.477e+02	-5.783e-02	5.783e-02	3.840e+01	-3.840e+01	5.905e+00	4.565e-01	2.396e+03	-1.975e+03
El: 5	12 - C.c:	-5.394e+01	5.394e+01	2.011e+02	1.927e+02	-7.398e-01	7.398e-01	6.474e+01	-6.474e+01	4.504e+01	3.635e+01	3.036e+03	-2.573e+03
El: 6	12 - C.c:	-4.549e+01	4.549e+01	2.029e+02	1.910e+02	-1.287e+00	1.287e+00	4.860e+01	-4.860e+01	7.404e+01	6.749e+01	3.225e+03	-2.574e+03
El: 7	12 - C.c:	-5.565e+01	5.565e+01	2.010e+02	1.929e+02	1.136e+00	-1.136e+00	5.124e+01	-5.124e+01	-5.869e+01	-6.630e+01	3.006e+03	-2.562e+03
El:	12 - C.c:	-4.115e+01	4.115e+01	1.548e+02	1.482e+02	-5.009e-01	5.009e-01	4.828e+01	-4.828e+01	3.081e+01	2.429e+01	2.343e+03	-1.979e+03

COMUNE DI PRAIANO cc_g976 0007103 Uscita 07/08/2025 15:08
COMUNE DI PRAIANO cc_g976 0007619 Ingresso 09/09/2024 12:39

Elem./C.c.		Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
8													
El: 9	12 - C.c:	-3.551e+01	3.551e+01	1.559e+02	1.470e+02	-8.655e-01	8.655e-01	3.752e+01	-3.752e+01	5.015e+01	4.505e+01	2.469e+03	-1.979e+03
El: 10	12 - C.c:	-4.229e+01	4.229e+01	1.547e+02	1.483e+02	7.498e-01	-7.498e-01	3.928e+01	-3.928e+01	-3.834e+01	-4.414e+01	2.324e+03	-1.972e+03
El: 11	12 - C.c:	-4.115e+01	4.115e+01	1.548e+02	1.482e+02	-5.009e-01	5.009e-01	4.828e+01	-4.828e+01	3.081e+01	2.429e+01	2.343e+03	-1.979e+03
El: 12	12 - C.c:	-3.551e+01	3.551e+01	1.559e+02	1.470e+02	-8.655e-01	8.655e-01	3.752e+01	-3.752e+01	5.015e+01	4.505e+01	2.469e+03	-1.979e+03
El: 13	12 - C.c:	-4.229e+01	4.229e+01	1.547e+02	1.483e+02	7.498e-01	-7.498e-01	3.928e+01	-3.928e+01	-3.834e+01	-4.414e+01	2.324e+03	-1.972e+03
El: 1	13 - C.c:	2.300e+00	-2.300e+00	1.094e+00	1.162e+01	-4.633e-01	4.633e-01	4.001e+01	-4.001e+01	3.156e+01	5.185e+01	-1.540e+02	-7.930e+02
El: 2	13 - C.c:	1.813e+00	-1.813e+00	8.737e-01	8.904e+00	-3.602e-01	3.602e-01	3.032e+01	-3.032e+01	2.478e+01	4.006e+01	-1.156e+02	-6.072e+02
El: 3	13 - C.c:	2.042e+00	-2.042e+00	1.039e+00	8.738e+00	-3.801e-01	3.801e-01	2.796e+01	-2.796e+01	2.744e+01	4.098e+01	-1.004e+02	-5.925e+02
El: 4	13 - C.c:	2.099e+00	-2.099e+00	1.081e+00	8.697e+00	-3.851e-01	3.851e-01	2.737e+01	-2.737e+01	2.810e+01	4.121e+01	-9.660e+01	-5.889e+02
El: 5	13 - C.c:	3.156e+00	-3.156e+00	1.716e+00	1.100e+01	-5.378e-01	5.378e-01	3.114e+01	-3.114e+01	4.151e+01	5.531e+01	-9.711e+01	-7.380e+02
El: 6	13 - C.c:	1.822e+00	-1.822e+00	9.973e-01	1.171e+01	-2.554e-01	2.554e-01	3.204e+01	-3.204e+01	1.925e+01	2.672e+01	-1.646e+02	-7.999e+02
El: 7	13 - C.c:	3.635e+00	-3.635e+00	1.813e+00	1.090e+01	-7.458e-01	7.458e-01	3.911e+01	-3.911e+01	5.381e+01	8.043e+01	-8.657e+01	-7.311e+02
El: 8	13 - C.c:	2.384e+00	-2.384e+00	1.288e+00	8.490e+00	-4.099e-01	4.099e-01	2.441e+01	-2.441e+01	3.142e+01	4.237e+01	-7.762e+01	-5.705e+02
El: 9	13 - C.c:	1.494e+00	-1.494e+00	8.089e-01	8.969e+00	-2.216e-01	2.216e-01	2.501e+01	-2.501e+01	1.658e+01	2.331e+01	-1.226e+02	-6.118e+02
El: 10	13 - C.c:	2.703e+00	-2.703e+00	1.353e+00	8.425e+00	-5.485e-01	5.485e-01	2.972e+01	-2.972e+01	3.962e+01	5.912e+01	-7.059e+01	-5.659e+02
El: 11	13 - C.c:	2.384e+00	-2.384e+00	1.288e+00	8.490e+00	-4.099e-01	4.099e-01	2.441e+01	-2.441e+01	3.142e+01	4.237e+01	-7.762e+01	-5.705e+02
El: 12	13 - C.c:	1.494e+00	-1.494e+00	8.089e-01	8.969e+00	-2.216e-01	2.216e-01	2.501e+01	-2.501e+01	1.658e+01	2.331e+01	-1.226e+02	-6.118e+02
El: 13	13 - C.c:	2.703e+00	-2.703e+00	1.353e+00	8.425e+00	-5.485e-01	5.485e-01	2.972e+01	-2.972e+01	3.962e+01	5.912e+01	-7.059e+01	-5.659e+02
El: 1	14 - C.c:	-1.044e+01	1.044e+01	2.459e+00	1.025e+01	-1.619e-01	1.619e-01	1.653e+01	-1.653e+01	1.243e+01	1.671e+01	-3.851e+01	-6.629e+02
El: 2	14 - C.c:	-7.835e+00	7.835e+00	1.898e+00	7.880e+00	-1.187e-01	1.187e-01	1.228e+01	-1.228e+01	9.603e+00	1.177e+01	-2.909e+01	-5.093e+02
El: 3	14 - C.c:	-6.825e+00	6.825e+00	1.932e+00	7.846e+00	-8.844e-02	8.844e-02	1.001e+01	-1.001e+01	9.808e+00	6.111e+00	-2.628e+01	-5.060e+02
El: 4	14 - C.c:	-6.573e+00	6.573e+00	1.940e+00	7.837e+00	-8.087e-02	8.087e-02	9.445e+00	-9.445e+00	9.859e+00	4.697e+00	-2.558e+01	-5.051e+02
El: 5	14 - C.c:	-6.651e+00	6.651e+00	2.586e+00	1.012e+01	-4.833e-02	4.833e-02	8.030e+00	-8.030e+00	1.320e+01	-4.503e+00	-2.800e+01	-6.505e+02
El: 6	14 - C.c:	-7.396e+00	7.396e+00	2.464e+00	1.025e+01	7.418e-02	-7.418e-02	9.469e+00	-9.469e+00	-1.020e+00	-1.233e+01	-3.962e+01	-6.609e+02
El: 7	14 - C.c:	-9.693e+00	9.693e+00	2.581e+00	1.013e+01	-2.844e-01	2.844e-01	1.509e+01	-1.509e+01	2.665e+01	2.454e+01	-2.689e+01	-6.524e+02
El: 8	14 - C.c:	-5.310e+00	5.310e+00	1.983e+00	7.795e+00	-4.300e-02	4.300e-02	6.612e+00	-6.612e+00	1.012e+01	-2.376e+00	-2.207e+01	-5.010e+02
El: 9	14 - C.c:	-5.807e+00	5.807e+00	1.901e+00	7.877e+00	3.867e-02	-3.867e-02	7.572e+00	-7.572e+00	6.347e-01	-7.596e+00	-2.983e+01	-5.080e+02
El: 10	14 - C.c:	-7.339e+00	7.339e+00	1.980e+00	7.798e+00	-2.004e-01	2.004e-01	1.132e+01	-1.132e+01	1.908e+01	1.699e+01	-2.133e+01	-5.023e+02
El: 11	14 - C.c:	-5.310e+00	5.310e+00	1.983e+00	7.795e+00	-4.300e-02	4.300e-02	6.612e+00	-6.612e+00	1.012e+01	-2.376e+00	-2.207e+01	-5.010e+02
El: 12	14 - C.c:	-5.807e+00	5.807e+00	1.901e+00	7.877e+00	3.867e-02	-3.867e-02	7.572e+00	-7.572e+00	6.347e-01	-7.596e+00	-2.983e+01	-5.080e+02
El: 13	14 - C.c:	-7.339e+00	7.339e+00	1.980e+00	7.798e+00	-2.004e-01	2.004e-01	1.132e+01	-1.132e+01	1.908e+01	1.699e+01	-2.133e+01	-5.023e+02
El: 1	15 - C.c:	9.364e-01	-9.364e-01	9.357e+00	3.354e+00	2.016e-01	-2.016e-01	-2.026e+01	2.026e+01	-2.092e+01	-1.537e+01	5.943e+02	-5.401e+01
El: 2	15 - C.c:	7.348e-01	-7.348e-01	7.229e+00	2.549e+00	1.373e-01	-1.373e-01	-1.499e+01	1.499e+01	-1.418e+01	-1.053e+01	4.599e+02	-3.868e+01
El: 3	15 - C.c:	8.101e-01	-8.101e-01	7.389e+00	2.388e+00	4.466e-02	-4.466e-02	-1.187e+01	1.187e+01	-4.195e+00	-3.844e+00	4.739e+02	-2.376e+01
El: 4	15 - C.c:	8.289e-01	-8.289e-01	7.430e+00	2.348e+00	2.151e-02	-2.151e-02	-1.109e+01	1.109e+01	-1.699e+00	-2.172e+00	4.774e+02	-2.003e+01
El: 5	15 - C.c:	1.219e+00	-1.219e+00	9.960e+00	2.751e+00	-1.457e-01	1.457e-01	-8.585e+00	8.585e+00	1.651e+01	9.718e+00	6.469e+02	1.924e+00
El: 6	15 - C.c:	5.313e-01	-5.313e-01	9.222e+00	3.489e+00	3.228e-01	-3.228e-01	-9.394e+00	9.394e+00	-2.891e+01	-2.919e+01	5.827e+02	-6.675e+01
El: 7	15 - C.c:	1.624e+00	-1.624e+00	1.010e+01	2.615e+00	-2.669e-01	2.669e-01	-1.945e+01	1.945e+01	2.449e+01	2.354e+01	6.585e+02	1.466e+01
El: 8	15 - C.c:	9.231e-01	-9.231e-01	7.631e+00	2.147e+00	-9.426e-02	9.426e-02	-7.202e+00	7.202e+00	1.078e+01	6.189e+00	4.949e+02	-1.388e+00

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Elem./C.c.		Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 9	15 - C.c:	4.647e-01	-4.647e-01	7.138e+00	2.639e+00	2.181e-01	-2.181e-01	-7.741e+00	7.741e+00	-1.950e+01	-1.975e+01	4.521e+02	-4.717e+01
El: 10	15 - C.c:	1.193e+00	-1.193e+00	7.721e+00	2.057e+00	-1.750e-01	1.750e-01	-1.445e+01	1.445e+01	1.610e+01	1.541e+01	5.027e+02	7.102e+00
El: 11	15 - C.c:	9.231e-01	-9.231e-01	7.631e+00	2.147e+00	-9.426e-02	9.426e-02	-7.202e+00	7.202e+00	1.078e+01	6.189e+00	4.949e+02	-1.388e+00
El: 12	15 - C.c:	4.647e-01	-4.647e-01	7.138e+00	2.639e+00	2.181e-01	-2.181e-01	-7.741e+00	7.741e+00	-1.950e+01	-1.975e+01	4.521e+02	-4.717e+01
El: 13	15 - C.c:	1.193e+00	-1.193e+00	7.721e+00	2.057e+00	-1.750e-01	1.750e-01	-1.445e+01	1.445e+01	1.610e+01	1.541e+01	5.027e+02	7.102e+00
El: 1	16 - C.c:	-1.040e+01	1.040e+01	1.066e+01	2.050e+00	2.099e-01	-2.099e-01	-2.056e+00	2.056e+00	-2.109e+01	-1.669e+01	7.117e+02	6.327e+01
El: 2	16 - C.c:	-7.828e+00	7.828e+00	8.205e+00	1.573e+00	1.384e-01	-1.384e-01	-1.264e+00	1.264e+00	-1.377e+01	-1.114e+01	5.478e+02	4.905e+01
El: 3	16 - C.c:	-6.931e+00	6.931e+00	8.226e+00	1.552e+00	1.852e-02	-1.852e-02	3.866e-01	-3.866e-01	-1.006e+00	-2.328e+00	5.496e+02	5.106e+01
El: 4	16 - C.c:	-6.707e+00	6.707e+00	8.231e+00	1.547e+00	-1.145e-02	1.145e-02	7.993e-01	-7.993e-01	2.185e+00	-1.246e-01	5.501e+02	5.156e+01
El: 5	16 - C.c:	-7.038e+00	7.038e+00	1.074e+01	1.971e+00	-2.396e-01	2.396e-01	4.134e+00	-4.134e+00	2.677e+01	1.636e+01	7.184e+02	7.080e+01
El: 6	16 - C.c:	-8.037e+00	8.037e+00	1.063e+01	2.081e+00	2.770e-01	-2.770e-01	4.827e+00	-4.827e+00	-2.297e+01	-2.689e+01	7.094e+02	5.995e+01
El: 7	16 - C.c:	-9.402e+00	9.402e+00	1.077e+01	1.940e+00	-3.067e-01	3.067e-01	-2.748e+00	2.748e+00	2.865e+01	2.656e+01	7.207e+02	7.412e+01
El: 8	16 - C.c:	-5.586e+00	5.586e+00	8.257e+00	1.520e+00	-1.613e-01	1.613e-01	2.863e+00	-2.863e+00	1.814e+01	1.089e+01	5.523e+02	5.407e+01
El: 9	16 - C.c:	-6.252e+00	6.252e+00	8.184e+00	1.594e+00	1.831e-01	-1.831e-01	3.324e+00	-3.324e+00	-1.502e+01	-1.794e+01	5.463e+02	4.684e+01
El: 10	16 - C.c:	-7.162e+00	7.162e+00	8.278e+00	1.499e+00	-2.060e-01	2.060e-01	-1.726e+00	1.726e+00	1.939e+01	1.769e+01	5.538e+02	5.629e+01
El: 11	16 - C.c:	-5.586e+00	5.586e+00	8.257e+00	1.520e+00	-1.613e-01	1.613e-01	2.863e+00	-2.863e+00	1.814e+01	1.089e+01	5.523e+02	5.407e+01
El: 12	16 - C.c:	-6.252e+00	6.252e+00	8.184e+00	1.594e+00	1.831e-01	-1.831e-01	3.324e+00	-3.324e+00	-1.502e+01	-1.794e+01	5.463e+02	4.684e+01
El: 13	16 - C.c:	-7.162e+00	7.162e+00	8.278e+00	1.499e+00	-2.060e-01	2.060e-01	-1.726e+00	1.726e+00	1.939e+01	1.769e+01	5.538e+02	5.629e+01
El: 1	17 - C.c:	-1.794e+01	1.794e+01	1.999e+02	1.940e+02	-8.502e-01	8.502e-01	-2.975e+00	2.975e+00	6.058e+01	3.294e+01	3.327e+03	-3.005e+03
El: 2	17 - C.c:	-1.429e+01	1.429e+01	1.539e+02	1.491e+02	-5.595e-01	5.595e-01	-1.864e+00	1.864e+00	4.197e+01	1.957e+01	2.566e+03	-2.305e+03
El: 3	17 - C.c:	-1.682e+01	1.682e+01	1.545e+02	1.484e+02	-6.786e-02	6.786e-02	3.441e-01	-3.441e-01	1.789e+01	-1.043e+01	2.603e+03	-2.267e+03
El: 4	17 - C.c:	-1.745e+01	1.745e+01	1.547e+02	1.483e+02	5.505e-02	-5.505e-02	8.961e-01	-8.961e-01	1.188e+01	-1.793e+01	2.612e+03	-2.258e+03
El: 5	17 - C.c:	-2.744e+01	2.744e+01	2.024e+02	1.915e+02	9.933e-01	-9.933e-01	5.305e+00	-5.305e+00	-2.970e+01	-7.956e+01	3.464e+03	-2.866e+03
El: 6	17 - C.c:	-2.477e+01	2.477e+01	2.019e+02	1.920e+02	-2.025e-02	2.025e-02	-4.644e+00	4.644e+00	1.686e+01	-1.463e+01	3.435e+03	-2.895e+03
El: 7	17 - C.c:	-2.061e+01	2.061e+01	2.004e+02	1.935e+02	1.634e-01	-1.634e-01	6.974e+00	-6.974e+00	1.402e+01	-3.199e+01	3.355e+03	-2.976e+03
El: 8	17 - C.c:	-2.062e+01	2.062e+01	1.555e+02	1.474e+02	6.696e-01	-6.696e-01	3.656e+00	-3.656e+00	-1.822e+01	-5.543e+01	2.658e+03	-2.212e+03
El: 9	17 - C.c:	-1.884e+01	1.884e+01	1.552e+02	1.478e+02	-6.162e-03	6.162e-03	-2.977e+00	2.977e+00	1.282e+01	-1.215e+01	2.639e+03	-2.231e+03
El: 10	17 - C.c:	-1.607e+01	1.607e+01	1.542e+02	1.488e+02	1.163e-01	-1.163e-01	4.769e+00	-4.769e+00	1.093e+01	-2.372e+01	2.585e+03	-2.285e+03
El: 11	17 - C.c:	-2.062e+01	2.062e+01	1.555e+02	1.474e+02	6.696e-01	-6.696e-01	3.656e+00	-3.656e+00	-1.822e+01	-5.543e+01	2.658e+03	-2.212e+03
El: 12	17 - C.c:	-1.884e+01	1.884e+01	1.552e+02	1.478e+02	-6.162e-03	6.162e-03	-2.977e+00	2.977e+00	1.282e+01	-1.215e+01	2.639e+03	-2.231e+03
El: 13	17 - C.c:	-1.607e+01	1.607e+01	1.542e+02	1.488e+02	1.163e-01	-1.163e-01	4.769e+00	-4.769e+00	1.093e+01	-2.372e+01	2.585e+03	-2.285e+03
El: 1	18 - C.c:	-2.825e+01	2.825e+01	1.956e+02	1.983e+02	1.834e-01	-1.834e-01	9.446e+00	-9.446e+00	-9.365e+00	-1.081e+01	3.041e+03	-3.193e+03
El: 2	18 - C.c:	-2.174e+01	2.174e+01	1.507e+02	1.523e+02	1.718e-01	-1.718e-01	7.812e+00	-7.812e+00	-8.977e+00	-9.926e+00	2.352e+03	-2.444e+03
El: 3	18 - C.c:	-2.176e+01	2.176e+01	1.519e+02	1.511e+02	3.318e-01	-3.318e-01	1.065e+01	-1.065e+01	-1.820e+01	-1.830e+01	2.418e+03	-2.378e+03
El: 4	18 - C.c:	-2.176e+01	2.176e+01	1.522e+02	1.508e+02	3.718e-01	-3.718e-01	1.136e+01	-1.136e+01	-2.050e+01	-2.040e+01	2.435e+03	-2.361e+03
El: 5	18 - C.c:	-2.834e+01	2.834e+01	2.001e+02	1.938e+02	7.833e-01	-7.833e-01	2.009e+01	-2.009e+01	-4.393e+01	-4.223e+01	3.289e+03	-2.946e+03
El: 6	18 - C.c:	-2.838e+01	2.838e+01	1.992e+02	1.946e+02	-2.255e-01	2.255e-01	7.304e+00	-7.304e+00	1.277e+01	1.203e+01	3.245e+03	-2.992e+03
El: 7	18 - C.c:	-2.821e+01	2.821e+01	1.964e+02	1.975e+02	1.192e+00	-1.192e+00	2.223e+01	-2.223e+01	-6.607e+01	-6.507e+01	3.085e+03	-3.147e+03
El: 8	18 - C.c:	-2.179e+01	2.179e+01	1.537e+02	1.493e+02	5.718e-01	-5.718e-01	1.491e+01	-1.491e+01	-3.202e+01	-3.087e+01	2.517e+03	-2.279e+03
El:	18 - C.c:	-2.182e+01	2.182e+01	1.531e+02	1.499e+02	-1.007e-01	1.007e-01	6.384e+00	-6.384e+00	5.782e+00	5.298e+00	2.488e+03	-2.309e+03

Fascicolo dei Calcoli
(Par. 10.1. Caratteristiche generali – D.M. Infrastrutture 17 gennaio 2018)

Elem./C.c.		Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
9													
El: 10	18 - C.c:	-2.171e+01	2.171e+01	1.512e+02	1.518e+02	8.443e-01	-8.443e-01	1.633e+01	-1.633e+01	-4.678e+01	-4.610e+01	2.382e+03	-2.413e+03
El: 11	18 - C.c:	-2.179e+01	2.179e+01	1.537e+02	1.493e+02	5.718e-01	-5.718e-01	1.491e+01	-1.491e+01	-3.202e+01	-3.087e+01	2.517e+03	-2.279e+03
El: 12	18 - C.c:	-2.182e+01	2.182e+01	1.531e+02	1.499e+02	-1.007e-01	1.007e-01	6.384e+00	-6.384e+00	5.782e+00	5.298e+00	2.488e+03	-2.309e+03
El: 13	18 - C.c:	-2.171e+01	2.171e+01	1.512e+02	1.518e+02	8.443e-01	-8.443e-01	1.633e+01	-1.633e+01	-4.678e+01	-4.610e+01	2.382e+03	-2.413e+03
El: 1	19 - C.c:	-3.112e+01	3.112e+01	1.980e+02	1.958e+02	6.303e-01	-6.303e-01	-2.749e+00	2.749e+00	-3.452e+01	-3.482e+01	3.228e+03	-3.107e+03
El: 2	19 - C.c:	-2.387e+01	2.387e+01	1.523e+02	1.506e+02	4.319e-01	-4.319e-01	-1.541e+00	1.541e+00	-2.405e+01	-2.346e+01	2.483e+03	-2.389e+03
El: 3	19 - C.c:	-2.354e+01	2.354e+01	1.524e+02	1.505e+02	1.566e-01	-1.566e-01	1.438e+00	-1.438e+00	-1.102e+01	-6.203e+00	2.487e+03	-2.383e+03
El: 4	19 - C.c:	-2.346e+01	2.346e+01	1.525e+02	1.505e+02	8.777e-02	-8.777e-02	2.182e+00	-2.182e+00	-7.767e+00	-1.888e+00	2.488e+03	-2.381e+03
El: 5	19 - C.c:	-2.988e+01	2.988e+01	1.984e+02	1.955e+02	-4.021e-01	4.021e-01	8.423e+00	-8.423e+00	1.432e+01	2.991e+01	3.241e+03	-3.084e+03
El: 6	19 - C.c:	-3.101e+01	3.101e+01	1.984e+02	1.955e+02	-2.897e-01	2.897e-01	-4.470e+00	4.470e+00	1.306e+01	1.881e+01	3.244e+03	-3.082e+03
El: 7	19 - C.c:	-2.999e+01	2.999e+01	1.980e+02	1.959e+02	5.179e-01	-5.179e-01	1.014e+01	-1.014e+01	-3.326e+01	-2.372e+01	3.225e+03	-3.109e+03
El: 8	19 - C.c:	-2.305e+01	2.305e+01	1.526e+02	1.504e+02	-2.564e-01	2.564e-01	5.906e+00	-5.906e+00	8.513e+00	1.969e+01	2.493e+03	-2.374e+03
El: 9	19 - C.c:	-2.380e+01	2.380e+01	1.526e+02	1.504e+02	-1.815e-01	1.815e-01	-2.689e+00	2.689e+00	7.674e+00	1.229e+01	2.495e+03	-2.372e+03
El: 10	19 - C.c:	-2.312e+01	2.312e+01	1.523e+02	1.507e+02	3.570e-01	-3.570e-01	7.054e+00	-7.054e+00	-2.321e+01	-1.606e+01	2.481e+03	-2.390e+03
El: 11	19 - C.c:	-2.305e+01	2.305e+01	1.526e+02	1.504e+02	-2.564e-01	2.564e-01	5.906e+00	-5.906e+00	8.513e+00	1.969e+01	2.493e+03	-2.374e+03
El: 12	19 - C.c:	-2.380e+01	2.380e+01	1.526e+02	1.504e+02	-1.815e-01	1.815e-01	-2.689e+00	2.689e+00	7.674e+00	1.229e+01	2.495e+03	-2.372e+03
El: 13	19 - C.c:	-2.312e+01	2.312e+01	1.523e+02	1.507e+02	3.570e-01	-3.570e-01	7.054e+00	-7.054e+00	-2.321e+01	-1.606e+01	2.481e+03	-2.390e+03
El: 1	20 - C.c:	-2.980e+01	2.980e+01	1.960e+02	1.990e+02	-7.279e-01	7.279e-01	-1.013e+01	1.013e+01	3.937e+01	4.093e+01	3.090e+03	-3.252e+03
El: 2	20 - C.c:	-2.283e+01	2.283e+01	1.508e+02	1.530e+02	-4.900e-01	4.900e-01	-6.845e+00	6.845e+00	2.675e+01	2.730e+01	2.378e+03	-2.501e+03
El: 3	20 - C.c:	-2.232e+01	2.232e+01	1.509e+02	1.530e+02	-1.260e-01	1.260e-01	-1.919e+00	1.919e+00	8.364e+00	5.542e+00	2.383e+03	-2.497e+03
El: 4	20 - C.c:	-2.219e+01	2.219e+01	1.509e+02	1.529e+02	-3.507e-02	3.507e-02	-6.874e-01	6.874e-01	3.768e+00	1.012e-01	2.385e+03	-2.496e+03
El: 5	20 - C.c:	-2.789e+01	2.789e+01	1.964e+02	1.987e+02	6.367e-01	-6.367e-01	8.343e+00	-8.343e+00	-2.958e+01	-4.067e+01	3.111e+03	-3.238e+03
El: 6	20 - C.c:	-2.852e+01	2.852e+01	1.960e+02	1.990e+02	2.620e-01	-2.620e-01	3.793e-01	-3.793e-01	-1.583e+01	-1.307e+01	3.088e+03	-3.254e+03
El: 7	20 - C.c:	-2.918e+01	2.918e+01	1.964e+02	1.986e+02	-3.532e-01	3.532e-01	-2.167e+00	2.167e+00	2.563e+01	1.333e+01	3.113e+03	-3.235e+03
El: 8	20 - C.c:	-2.155e+01	2.155e+01	1.510e+02	1.528e+02	4.198e-01	-4.198e-01	5.470e+00	-5.470e+00	-1.921e+01	-2.710e+01	2.392e+03	-2.491e+03
El: 9	20 - C.c:	-2.197e+01	2.197e+01	1.508e+02	1.531e+02	1.700e-01	-1.700e-01	1.612e-01	-1.612e-01	-1.005e+01	-8.701e+00	2.377e+03	-2.502e+03
El: 10	20 - C.c:	-2.241e+01	2.241e+01	1.511e+02	1.528e+02	-2.401e-01	2.401e-01	-1.536e+00	1.536e+00	1.759e+01	8.903e+00	2.393e+03	-2.490e+03
El: 11	20 - C.c:	-2.155e+01	2.155e+01	1.510e+02	1.528e+02	4.198e-01	-4.198e-01	5.470e+00	-5.470e+00	-1.921e+01	-2.710e+01	2.392e+03	-2.491e+03
El: 12	20 - C.c:	-2.197e+01	2.197e+01	1.508e+02	1.531e+02	1.700e-01	-1.700e-01	1.612e-01	-1.612e-01	-1.005e+01	-8.701e+00	2.377e+03	-2.502e+03
El: 13	20 - C.c:	-2.241e+01	2.241e+01	1.511e+02	1.528e+02	-2.401e-01	2.401e-01	-1.536e+00	1.536e+00	1.759e+01	8.903e+00	2.393e+03	-2.490e+03
El: 1	21 - C.c:	-2.324e+01	2.324e+01	1.996e+02	1.943e+02	5.808e-01	-5.808e-01	6.832e+00	-6.832e+00	-3.217e+01	-3.172e+01	3.303e+03	-3.009e+03
El: 2	21 - C.c:	-1.814e+01	1.814e+01	1.537e+02	1.493e+02	4.166e-01	-4.166e-01	5.758e+00	-5.758e+00	-2.327e+01	-2.256e+01	2.547e+03	-2.307e+03
El: 3	21 - C.c:	-1.952e+01	1.952e+01	1.543e+02	1.486e+02	2.599e-01	-2.599e-01	8.373e+00	-8.373e+00	-1.561e+01	-1.298e+01	2.580e+03	-2.268e+03
El: 4	21 - C.c:	-1.987e+01	1.987e+01	1.545e+02	1.485e+02	2.207e-01	-2.207e-01	9.027e+00	-9.027e+00	-1.369e+01	-1.059e+01	2.588e+03	-2.258e+03
El: 5	21 - C.c:	-2.842e+01	2.842e+01	2.021e+02	1.918e+02	-6.908e-03	6.908e-03	1.664e+01	-1.664e+01	-3.435e+00	4.195e+00	3.427e+03	-2.861e+03
El: 6	21 - C.c:	-2.597e+01	2.597e+01	2.013e+02	1.926e+02	-4.429e-01	4.429e-01	5.260e+00	-5.260e+00	2.176e+01	2.696e+01	3.388e+03	-2.909e+03
El: 7	21 - C.c:	-2.569e+01	2.569e+01	2.004e+02	1.935e+02	1.017e+00	-1.017e+00	1.821e+01	-1.821e+01	-5.736e+01	-5.448e+01	3.342e+03	-2.961e+03
El: 8	21 - C.c:	-2.160e+01	2.160e+01	1.553e+02	1.477e+02	2.483e-02	-2.483e-02	1.230e+01	-1.230e+01	-4.116e+00	1.385e+00	2.630e+03	-2.209e+03
El: 9	21 - C.c:	-1.996e+01	1.996e+01	1.548e+02	1.482e+02	-2.658e-01	2.658e-01	4.710e+00	-4.710e+00	1.268e+01	1.656e+01	2.604e+03	-2.240e+03

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 10 21 - C.c:	-1.977e+01	1.977e+01	1.542e+02	1.488e+02	7.073e-01	-7.073e-01	1.334e+01	-1.334e+01	-4.007e+01	-3.773e+01	2.573e+03	-2.275e+03
El: 11 21 - C.c:	-2.160e+01	2.160e+01	1.553e+02	1.477e+02	2.483e-02	-2.483e-02	1.230e+01	-1.230e+01	-4.116e+00	1.385e+00	2.630e+03	-2.209e+03
El: 12 21 - C.c:	-1.996e+01	1.996e+01	1.548e+02	1.482e+02	-2.658e-01	2.658e-01	4.710e+00	-4.710e+00	1.268e+01	1.656e+01	2.604e+03	-2.240e+03
El: 13 21 - C.c:	-1.977e+01	1.977e+01	1.542e+02	1.488e+02	7.073e-01	-7.073e-01	1.334e+01	-1.334e+01	-4.007e+01	-3.773e+01	2.573e+03	-2.275e+03
El: 1 22 - C.c:	4.253e-01	-4.253e-01	-6.218e+00	1.328e+01	-2.832e-01	2.832e-01	1.640e+01	-1.640e+01	1.271e+01	1.561e+01	-1.754e+02	-7.995e+02
El: 2 22 - C.c:	-2.455e-01	2.455e-01	-4.652e+00	1.008e+01	-2.641e-01	2.641e-01	1.308e+01	-1.308e+01	1.191e+01	1.450e+01	-1.282e+02	-6.087e+02
El: 3 22 - C.c:	-3.223e+00	3.223e+00	-3.973e+00	9.405e+00	-5.049e-01	5.049e-01	1.551e+01	-1.551e+01	2.300e+01	2.749e+01	-9.293e+01	-5.760e+02
El: 4 22 - C.c:	-3.968e+00	3.968e+00	-3.804e+00	9.236e+00	-5.651e-01	5.651e-01	1.612e+01	-1.612e+01	2.578e+01	3.073e+01	-8.412e+01	-5.678e+02
El: 5 22 - C.c:	-1.074e+01	1.074e+01	-3.671e+00	1.073e+01	-1.186e+00	1.186e+00	2.552e+01	-2.552e+01	5.430e+01	6.430e+01	-4.330e+01	-6.769e+02
El: 6 22 - C.c:	-5.594e+00	5.594e+00	-4.492e+00	1.155e+01	-8.220e-01	8.220e-01	1.676e+01	-1.676e+01	4.138e+01	4.082e+01	-8.617e+01	-7.161e+02
El: 7 22 - C.c:	-4.723e+00	4.723e+00	-5.397e+00	1.246e+01	-6.472e-01	6.472e-01	2.516e+01	-2.516e+01	2.564e+01	3.909e+01	-1.326e+02	-7.603e+02
El: 8 22 - C.c:	-7.690e+00	7.690e+00	-2.955e+00	8.387e+00	-8.660e-01	8.660e-01	1.916e+01	-1.916e+01	3.964e+01	4.696e+01	-4.008e+01	-5.270e+02
El: 9 22 - C.c:	-4.258e+00	4.258e+00	-3.502e+00	8.934e+00	-6.233e-01	6.233e-01	1.332e+01	-1.332e+01	3.102e+01	3.131e+01	-6.866e+01	-5.531e+02
El: 10 22 - C.c:	-3.678e+00	3.678e+00	-4.105e+00	9.537e+00	-5.068e-01	5.068e-01	1.892e+01	-1.892e+01	2.053e+01	3.016e+01	-9.959e+01	-5.826e+02
El: 11 22 - C.c:	-7.690e+00	7.690e+00	-2.955e+00	8.387e+00	-8.660e-01	8.660e-01	1.916e+01	-1.916e+01	3.964e+01	4.696e+01	-4.008e+01	-5.270e+02
El: 12 22 - C.c:	-4.258e+00	4.258e+00	-3.502e+00	8.934e+00	-6.233e-01	6.233e-01	1.332e+01	-1.332e+01	3.102e+01	3.131e+01	-6.866e+01	-5.531e+02
El: 13 22 - C.c:	-3.678e+00	3.678e+00	-4.105e+00	9.537e+00	-5.068e-01	5.068e-01	1.892e+01	-1.892e+01	2.053e+01	3.016e+01	-9.959e+01	-5.826e+02
El: 1 23 - C.c:	-2.414e+01	2.414e+01	1.929e+02	2.022e+02	-7.432e-01	7.432e-01	-1.964e+01	1.964e+01	4.059e+01	4.140e+01	2.903e+03	-3.416e+03
El: 2 23 - C.c:	-1.855e+01	1.855e+01	1.484e+02	1.554e+02	-4.692e-01	4.692e-01	-1.444e+01	1.444e+01	2.567e+01	2.610e+01	2.238e+03	-2.623e+03
El: 3 23 - C.c:	-1.845e+01	1.845e+01	1.489e+02	1.550e+02	6.355e-02	-6.355e-02	-1.096e+01	1.096e+01	-3.188e+00	-3.823e+00	2.265e+03	-2.599e+03
El: 4 23 - C.c:	-1.843e+01	1.843e+01	1.490e+02	1.548e+02	1.967e-01	-1.967e-01	-1.010e+01	1.010e+01	-1.040e+01	-1.130e+01	2.272e+03	-2.593e+03
El: 5 23 - C.c:	-2.378e+01	2.378e+01	1.946e+02	2.004e+02	1.255e+00	-1.255e+00	-6.613e+00	6.613e+00	-6.763e+01	-7.079e+01	3.004e+03	-3.327e+03
El: 6 23 - C.c:	-2.418e+01	2.418e+01	1.925e+02	2.025e+02	5.427e-01	-5.427e-01	-1.176e+01	1.176e+01	-3.159e+01	-2.829e+01	2.884e+03	-3.435e+03
El: 7 23 - C.c:	-2.373e+01	2.373e+01	1.949e+02	2.001e+02	-3.123e-02	3.123e-02	-1.449e+01	1.449e+01	4.547e+00	-1.102e+00	3.022e+03	-3.308e+03
El: 8 23 - C.c:	-1.831e+01	1.831e+01	1.496e+02	1.543e+02	8.627e-01	-8.627e-01	-5.755e+00	5.755e+00	-4.648e+01	-4.870e+01	2.305e+03	-2.564e+03
El: 9 23 - C.c:	-1.858e+01	1.858e+01	1.482e+02	1.556e+02	3.881e-01	-3.881e-01	-9.188e+00	9.188e+00	-2.245e+01	-2.036e+01	2.226e+03	-2.636e+03
El: 10 23 - C.c:	-1.828e+01	1.828e+01	1.498e+02	1.540e+02	5.415e-03	-5.415e-03	-1.101e+01	1.101e+01	1.644e+00	-2.242e+00	2.318e+03	-2.551e+03
El: 11 23 - C.c:	-1.831e+01	1.831e+01	1.496e+02	1.543e+02	8.627e-01	-8.627e-01	-5.755e+00	5.755e+00	-4.648e+01	-4.870e+01	2.305e+03	-2.564e+03
El: 12 23 - C.c:	-1.858e+01	1.858e+01	1.482e+02	1.556e+02	3.881e-01	-3.881e-01	-9.188e+00	9.188e+00	-2.245e+01	-2.036e+01	2.226e+03	-2.636e+03
El: 13 23 - C.c:	-1.828e+01	1.828e+01	1.498e+02	1.540e+02	5.415e-03	-5.415e-03	-1.101e+01	1.101e+01	1.644e+00	-2.242e+00	2.318e+03	-2.551e+03
El: 1 24 - C.c:	-1.494e+01	1.494e+01	-8.612e+00	1.567e+01	-2.591e-01	2.591e-01	-1.809e+01	1.809e+01	1.210e+01	1.381e+01	-2.998e+02	-9.144e+02
El: 2 24 - C.c:	-1.138e+01	1.138e+01	-6.615e+00	1.205e+01	-2.555e-01	2.555e-01	-1.371e+01	1.371e+01	1.188e+01	1.367e+01	-2.301e+02	-7.029e+02
El: 3 24 - C.c:	-1.081e+01	1.081e+01	-6.568e+00	1.200e+01	-5.476e-01	5.476e-01	-1.266e+01	1.266e+01	2.524e+01	2.951e+01	-2.275e+02	-7.008e+02
El: 4 24 - C.c:	-1.066e+01	1.066e+01	-6.556e+00	1.199e+01	-6.206e-01	6.206e-01	-1.239e+01	1.239e+01	2.858e+01	3.347e+01	-2.269e+02	-7.002e+02
El: 5 24 - C.c:	-1.278e+01	1.278e+01	-8.433e+00	1.549e+01	-1.354e+00	1.354e+00	-1.414e+01	1.414e+01	6.221e+01	7.322e+01	-2.900e+02	-9.062e+02
El: 6 24 - C.c:	-1.534e+01	1.534e+01	-8.284e+00	1.535e+01	-8.326e-01	8.326e-01	-1.708e+01	1.708e+01	4.585e+01	3.741e+01	-2.824e+02	-8.990e+02
El: 7 24 - C.c:	-1.238e+01	1.238e+01	-8.760e+00	1.582e+01	-7.809e-01	7.809e-01	-1.514e+01	1.514e+01	2.846e+01	4.963e+01	-3.074e+02	-9.216e+02
El: 8 24 - C.c:	-9.942e+00	9.942e+00	-6.496e+00	1.193e+01	-9.857e-01	9.857e-01	-1.108e+01	1.108e+01	4.529e+01	5.328e+01	-2.236e+02	-6.975e+02
El: 9 24 - C.c:	-1.165e+01	1.165e+01	-6.397e+00	1.183e+01	-6.378e-01	6.378e-01	-1.304e+01	1.304e+01	3.438e+01	2.940e+01	-2.185e+02	-6.927e+02
El: 24 - C.c:	-9.673e+00	9.673e+00	-6.714e+00	1.215e+01	-6.033e-01	6.033e-01	-1.175e+01	1.175e+01	2.278e+01	3.755e+01	-2.352e+02	-7.078e+02

COMUNE DI PRAIANO cc_g976 0007103 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO cc_g976 0007619 - Ingresso 09/09/2024 12:39

Elem./C.c.		Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
10													
El: 11	24 - C.c:	-9.942e+00	9.942e+00	-6.496e+00	1.193e+01	-9.857e-01	9.857e-01	-1.108e+01	1.108e+01	4.529e+01	5.328e+01	-2.236e+02	-6.975e+02
El: 12	24 - C.c:	-1.165e+01	1.165e+01	-6.397e+00	1.183e+01	-6.378e-01	6.378e-01	-1.304e+01	1.304e+01	3.438e+01	2.940e+01	-2.185e+02	-6.927e+02
El: 13	24 - C.c:	-9.673e+00	9.673e+00	-6.714e+00	1.215e+01	-6.033e-01	6.033e-01	-1.175e+01	1.175e+01	2.278e+01	3.755e+01	-2.352e+02	-7.078e+02
El: 1	25 - C.c:	-2.711e+01	2.711e+01	1.946e+02	2.004e+02	-6.627e-01	6.627e-01	-1.894e+01	1.894e+01	3.668e+01	3.643e+01	2.960e+03	-3.277e+03
El: 2	25 - C.c:	-2.083e+01	2.083e+01	1.499e+02	1.540e+02	-3.854e-01	3.854e-01	-1.378e+01	1.378e+01	2.140e+01	2.111e+01	2.284e+03	-2.514e+03
El: 3	25 - C.c:	-2.069e+01	2.069e+01	1.505e+02	1.533e+02	2.615e-01	-2.615e-01	-9.674e+00	9.674e+00	-1.401e+01	-1.484e+01	2.322e+03	-2.475e+03
El: 4	25 - C.c:	-2.066e+01	2.066e+01	1.507e+02	1.531e+02	4.233e-01	-4.233e-01	-8.648e+00	8.648e+00	-2.287e+01	-2.383e+01	2.332e+03	-2.466e+03
El: 5	25 - C.c:	-2.660e+01	2.660e+01	1.972e+02	1.978e+02	1.763e+00	-1.763e+00	-3.545e+00	3.545e+00	-9.614e+01	-9.838e+01	3.102e+03	-3.134e+03
El: 6	25 - C.c:	-2.715e+01	2.715e+01	1.944e+02	2.006e+02	3.035e-01	-3.035e-01	-9.677e+00	9.677e+00	-1.482e+01	-1.866e+01	2.950e+03	-3.289e+03
El: 7	25 - C.c:	-2.656e+01	2.656e+01	1.974e+02	1.976e+02	7.970e-01	-7.970e-01	-1.281e+01	1.281e+01	-4.464e+01	-4.329e+01	3.112e+03	-3.122e+03
El: 8	25 - C.c:	-2.049e+01	2.049e+01	1.516e+02	1.523e+02	1.232e+00	-1.232e+00	-3.516e+00	3.516e+00	-6.714e+01	-6.876e+01	2.379e+03	-2.418e+03
El: 9	25 - C.c:	-2.086e+01	2.086e+01	1.497e+02	1.541e+02	2.588e-01	-2.588e-01	-7.604e+00	7.604e+00	-1.293e+01	-1.562e+01	2.277e+03	-2.521e+03
El: 10	25 - C.c:	-2.046e+01	2.046e+01	1.517e+02	1.522e+02	5.878e-01	-5.878e-01	-9.691e+00	9.691e+00	-3.281e+01	-3.204e+01	2.386e+03	-2.410e+03
El: 11	25 - C.c:	-2.049e+01	2.049e+01	1.516e+02	1.523e+02	1.232e+00	-1.232e+00	-3.516e+00	3.516e+00	-6.714e+01	-6.876e+01	2.379e+03	-2.418e+03
El: 12	25 - C.c:	-2.086e+01	2.086e+01	1.497e+02	1.541e+02	2.588e-01	-2.588e-01	-7.604e+00	7.604e+00	-1.293e+01	-1.562e+01	2.277e+03	-2.521e+03
El: 13	25 - C.c:	-2.046e+01	2.046e+01	1.517e+02	1.522e+02	5.878e-01	-5.878e-01	-9.691e+00	9.691e+00	-3.281e+01	-3.204e+01	2.386e+03	-2.410e+03
El: 1	26 - C.c:	-2.150e+01	2.150e+01	7.606e+00	5.105e+00	4.581e-01	-4.581e-01	-5.893e+01	5.893e+01	-4.412e+01	-3.834e+01	3.321e+02	-1.070e+02
El: 2	26 - C.c:	-1.635e+01	1.635e+01	5.856e+00	3.921e+00	3.089e-01	-3.089e-01	-4.582e+01	4.582e+01	-2.988e+01	-2.573e+01	2.560e+02	-8.186e+01
El: 3	26 - C.c:	-1.537e+01	1.537e+01	5.886e+00	3.892e+00	8.289e-02	-8.289e-02	-4.835e+01	4.835e+01	-8.766e+00	-6.155e+00	2.589e+02	-7.947e+01
El: 4	26 - C.c:	-1.512e+01	1.512e+01	5.893e+00	3.884e+00	2.638e-02	-2.638e-02	-4.898e+01	4.898e+01	-3.487e+00	-1.261e+00	2.597e+02	-7.887e+01
El: 5	26 - C.c:	-1.782e+01	1.782e+01	7.716e+00	4.995e+00	-3.896e-01	3.896e-01	-6.842e+01	6.842e+01	3.506e+01	3.506e+01	3.430e+02	-9.806e+01
El: 6	26 - C.c:	-2.259e+01	2.259e+01	7.747e+00	4.964e+00	3.252e-01	-3.252e-01	-5.868e+01	5.868e+01	-3.451e+01	-2.403e+01	3.456e+02	-9.508e+01
El: 7	26 - C.c:	-1.673e+01	1.673e+01	7.575e+00	5.136e+00	-2.566e-01	2.566e-01	-6.867e+01	6.867e+01	2.545e+01	2.075e+01	3.295e+02	-1.100e+02
El: 8	26 - C.c:	-1.389e+01	1.389e+01	5.930e+00	3.848e+00	-2.562e-01	2.562e-01	-5.215e+01	5.215e+01	2.291e+01	2.321e+01	2.633e+02	-7.589e+01
El: 9	26 - C.c:	-1.707e+01	1.707e+01	5.951e+00	3.827e+00	2.203e-01	-2.203e-01	-4.565e+01	4.565e+01	-2.347e+01	-1.619e+01	2.650e+02	-7.390e+01
El: 10	26 - C.c:	-1.317e+01	1.317e+01	5.836e+00	3.942e+00	-1.676e-01	1.676e-01	-5.231e+01	5.231e+01	1.650e+01	1.367e+01	2.543e+02	-8.385e+01
El: 11	26 - C.c:	-1.389e+01	1.389e+01	5.930e+00	3.848e+00	-2.562e-01	2.562e-01	-5.215e+01	5.215e+01	2.291e+01	2.321e+01	2.633e+02	-7.589e+01
El: 12	26 - C.c:	-1.707e+01	1.707e+01	5.951e+00	3.827e+00	2.203e-01	-2.203e-01	-4.565e+01	4.565e+01	-2.347e+01	-1.619e+01	2.650e+02	-7.390e+01
El: 13	26 - C.c:	-1.317e+01	1.317e+01	5.836e+00	3.942e+00	-1.676e-01	1.676e-01	-5.231e+01	5.231e+01	1.650e+01	1.367e+01	2.543e+02	-8.385e+01
El: 1	27 - C.c:	-1.653e+00	1.653e+00	6.995e+00	5.715e+00	4.270e-01	-4.270e-01	1.244e+01	-1.244e+01	-4.021e+01	-3.666e+01	2.315e+02	-1.163e+02
El: 2	27 - C.c:	-2.147e+00	2.147e+00	5.419e+00	4.358e+00	2.736e-01	-2.736e-01	9.149e+00	-9.149e+00	-2.543e+01	-2.381e+01	1.813e+02	-8.579e+01
El: 3	27 - C.c:	-6.696e+00	6.696e+00	5.618e+00	4.160e+00	-1.213e-02	1.213e-02	6.984e+00	-6.984e+00	3.176e+00	-9.919e-01	1.980e+02	-6.682e+01
El: 4	27 - C.c:	-7.833e+00	7.833e+00	5.667e+00	4.110e+00	-8.356e-02	8.356e-02	6.442e+00	-6.442e+00	1.033e+01	4.713e+00	2.022e+02	-6.207e+01
El: 5	27 - C.c:	-1.871e+01	1.871e+01	7.740e+00	4.971e+00	-6.443e-01	6.443e-01	4.314e+00	-4.314e+00	6.706e+01	4.892e+01	2.943e+02	-4.512e+01
El: 6	27 - C.c:	-1.056e+01	1.056e+01	7.501e+00	5.210e+00	8.062e-02	-8.062e-02	1.326e+01	-1.326e+01	-2.744e+00	-1.177e+01	2.743e+02	-6.810e+01
El: 7	27 - C.c:	-9.803e+00	9.803e+00	7.234e+00	5.477e+00	-2.979e-01	2.979e-01	3.487e+00	-3.487e+00	2.959e+01	2.402e+01	2.515e+02	-9.329e+01
El: 8	27 - C.c:	-1.352e+01	1.352e+01	5.916e+00	3.862e+00	-4.407e-01	4.407e-01	3.735e+00	-3.735e+00	4.608e+01	3.324e+01	2.232e+02	-3.836e+01
El: 9	27 - C.c:	-8.086e+00	8.086e+00	5.756e+00	4.021e+00	4.261e-02	-4.261e-02	9.701e+00	-9.701e+00	-4.523e-01	-7.217e+00	2.098e+02	-5.367e+01
El: 10	27 - C.c:	-7.580e+00	7.580e+00	5.579e+00	4.199e+00	-2.097e-01	2.097e-01	3.183e+00	-3.183e+00	2.111e+01	1.664e+01	1.946e+02	-7.047e+01

COMUNE DI PRAIANO c_g976 0007113 Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 Ingresso 09/09/2024 12:39

Fascicolo dei Calcoli
(Par. 10.1. Caratteristiche generali – D.M. Infrastrutture 17 gennaio 2018)

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 11 27 - C.c:	-1.352e+01	1.352e+01	5.916e+00	3.862e+00	-4.407e-01	4.407e-01	3.735e+00	-3.735e+00	4.608e+01	3.324e+01	2.232e+02	-3.836e+01
El: 12 27 - C.c:	-8.086e+00	8.086e+00	5.756e+00	4.021e+00	4.261e-02	-4.261e-02	9.701e+00	-9.701e+00	-4.523e-01	-7.217e+00	2.098e+02	-5.367e+01
El: 13 27 - C.c:	-7.580e+00	7.580e+00	5.579e+00	4.199e+00	-2.097e-01	2.097e-01	3.183e+00	-3.183e+00	2.111e+01	1.664e+01	1.946e+02	-7.047e+01
El: 1 28 - C.c:	1.307e+00	-1.307e+00	-6.639e+00	1.026e+01	-7.917e-01	7.917e-01	8.426e+00	-8.426e+00	1.025e+01	3.035e+01	-4.017e+02	-3.170e+01
El: 2 28 - C.c:	-1.730e-01	1.730e-01	-4.688e+00	7.474e+00	-4.983e-01	4.983e-01	7.415e+00	-7.415e+00	5.421e+00	2.014e+01	-2.977e+02	-1.412e+01
El: 3 28 - C.c:	-6.300e+00	6.300e+00	-2.509e+00	5.295e+00	7.710e-02	-7.710e-02	1.227e+01	-1.227e+01	-7.396e+00	3.442e+00	-2.394e+02	3.929e+01
El: 4 28 - C.c:	-7.831e+00	7.831e+00	-1.964e+00	4.750e+00	2.210e-01	-2.210e-01	1.348e+01	-1.348e+01	-1.060e+01	-7.317e-01	-2.248e+02	5.264e+01
El: 5 28 - C.c:	-2.167e+01	2.167e+01	1.532e+00	2.089e+00	1.366e+00	-1.366e+00	2.662e+01	-2.662e+01	-3.781e+01	-3.225e+01	-1.829e+02	1.686e+02
El: 6 28 - C.c:	-1.078e+01	1.078e+01	-1.515e+00	5.136e+00	3.031e-01	-3.031e-01	2.164e+01	-2.164e+01	-2.779e+01	1.224e+01	-2.662e+02	9.562e+01
El: 7 28 - C.c:	-9.577e+00	9.577e+00	-3.592e+00	7.214e+00	2.714e-01	-2.714e-01	1.341e+01	-1.341e+01	2.252e-01	-1.414e+01	-3.183e+02	4.125e+01
El: 8 28 - C.c:	-1.549e+01	1.549e+01	7.597e-01	2.026e+00	9.402e-01	-9.402e-01	1.955e+01	-1.955e+01	-2.662e+01	-2.160e+01	-1.519e+02	1.194e+02
El: 9 28 - C.c:	-8.234e+00	8.234e+00	-1.272e+00	4.058e+00	2.315e-01	-2.315e-01	1.622e+01	-1.622e+01	-1.994e+01	8.064e+00	-2.074e+02	7.077e+01
El: 10 28 - C.c:	-7.429e+00	7.429e+00	-2.656e+00	5.442e+00	2.104e-01	-2.104e-01	1.074e+01	-1.074e+01	-1.263e+00	-9.527e+00	-2.422e+02	3.452e+01
El: 11 28 - C.c:	-1.549e+01	1.549e+01	7.597e-01	2.026e+00	9.402e-01	-9.402e-01	1.955e+01	-1.955e+01	-2.662e+01	-2.160e+01	-1.519e+02	1.194e+02
El: 12 28 - C.c:	-8.234e+00	8.234e+00	-1.272e+00	4.058e+00	2.315e-01	-2.315e-01	1.622e+01	-1.622e+01	-1.994e+01	8.064e+00	-2.074e+02	7.077e+01
El: 13 28 - C.c:	-7.429e+00	7.429e+00	-2.656e+00	5.442e+00	2.104e-01	-2.104e-01	1.074e+01	-1.074e+01	-1.263e+00	-9.527e+00	-2.422e+02	3.452e+01
El: 1 29 - C.c:	-2.815e+01	2.815e+01	1.888e+02	2.062e+02	-3.283e-01	3.283e-01	-8.589e+01	8.589e+01	1.641e+01	1.981e+01	2.495e+03	-3.453e+03
El: 2 29 - C.c:	-2.149e+01	2.149e+01	1.453e+02	1.586e+02	-1.859e-01	1.859e-01	-6.562e+01	6.562e+01	8.335e+00	1.218e+01	1.920e+03	-2.655e+03
El: 3 29 - C.c:	-2.063e+01	2.063e+01	1.454e+02	1.584e+02	1.605e-01	-1.605e-01	-6.327e+01	6.327e+01	-1.397e+01	-3.735e+00	1.929e+03	-2.645e+03
El: 4 29 - C.c:	-2.041e+01	2.041e+01	1.455e+02	1.584e+02	2.471e-01	-2.471e-01	-6.269e+01	6.269e+01	-1.955e+01	-7.713e+00	1.931e+03	-2.643e+03
El: 5 29 - C.c:	-2.493e+01	2.493e+01	1.894e+02	2.056e+02	9.707e-01	-9.707e-01	-7.710e+01	7.710e+01	-6.723e+01	-3.986e+01	2.525e+03	-3.418e+03
El: 6 29 - C.c:	-2.691e+01	2.691e+01	1.888e+02	2.063e+02	3.219e-01	-3.219e-01	-8.103e+01	8.103e+01	-3.175e+01	-3.764e+00	2.491e+03	-3.457e+03
El: 7 29 - C.c:	-2.617e+01	2.617e+01	1.895e+02	2.055e+02	3.205e-01	-3.205e-01	-8.196e+01	8.196e+01	-1.907e+01	-1.629e+01	2.528e+03	-3.414e+03
El: 8 29 - C.c:	-1.934e+01	1.934e+01	1.457e+02	1.582e+02	6.801e-01	-6.801e-01	-5.976e+01	5.976e+01	-4.743e+01	-2.760e+01	1.941e+03	-2.631e+03
El: 9 29 - C.c:	-2.066e+01	2.066e+01	1.452e+02	1.586e+02	2.476e-01	-2.476e-01	-6.238e+01	6.238e+01	-2.377e+01	-3.538e+00	1.918e+03	-2.657e+03
El: 10 29 - C.c:	-2.017e+01	2.017e+01	1.457e+02	1.581e+02	2.466e-01	-2.466e-01	-6.300e+01	6.300e+01	-1.532e+01	-1.189e+01	1.943e+03	-2.628e+03
El: 11 29 - C.c:	-1.934e+01	1.934e+01	1.457e+02	1.582e+02	6.801e-01	-6.801e-01	-5.976e+01	5.976e+01	-4.743e+01	-2.760e+01	1.941e+03	-2.631e+03
El: 12 29 - C.c:	-2.066e+01	2.066e+01	1.452e+02	1.586e+02	2.476e-01	-2.476e-01	-6.238e+01	6.238e+01	-2.377e+01	-3.538e+00	1.918e+03	-2.657e+03
El: 13 29 - C.c:	-2.017e+01	2.017e+01	1.457e+02	1.581e+02	2.466e-01	-2.466e-01	-6.300e+01	6.300e+01	-1.532e+01	-1.189e+01	1.943e+03	-2.628e+03
El: 1 30 - C.c:	4.089e-01	-4.089e-01	5.464e+00	4.162e+00	-6.725e-04	6.725e-04	9.883e+01	-9.883e+01	8.088e+00	-7.996e+00	1.117e+02	-2.299e+01
El: 2 30 - C.c:	-1.158e+00	1.158e+00	4.214e+00	3.190e+00	-5.071e-02	5.071e-02	7.527e+01	-7.527e+01	1.034e+01	-3.428e+00	8.452e+01	-1.472e+01
El: 3 30 - C.c:	-8.817e+00	8.817e+00	4.273e+00	3.132e+00	-3.117e-01	3.117e-01	7.138e+01	-7.138e+01	3.176e+01	1.073e+01	7.705e+01	6.897e-01
El: 4 30 - C.c:	-1.073e+01	1.073e+01	4.287e+00	3.117e+00	-3.770e-01	3.770e-01	7.041e+01	-7.041e+01	3.711e+01	1.427e+01	7.518e+01	4.543e+00
El: 5 30 - C.c:	-2.831e+01	2.831e+01	5.682e+00	3.943e+00	-9.794e-01	9.794e-01	8.424e+01	-8.424e+01	8.841e+01	4.510e+01	8.372e+01	3.481e+01
El: 6 30 - C.c:	-1.511e+01	1.511e+01	5.631e+00	3.995e+00	-9.761e-01	9.761e-01	1.110e+02	-1.110e+02	8.805e+01	4.501e+01	9.833e+01	1.322e+01
El: 7 30 - C.c:	-1.280e+01	1.280e+01	5.515e+00	4.111e+00	-3.967e-03	3.967e-03	7.208e+01	-7.208e+01	8.448e+00	-7.907e+00	9.714e+01	-1.406e+00
El: 8 30 - C.c:	-2.031e+01	2.031e+01	4.360e+00	3.045e+00	-7.032e-01	7.032e-01	6.555e+01	-6.555e+01	6.389e+01	3.197e+01	6.584e+01	2.381e+01
El: 9 30 - C.c:	-1.150e+01	1.150e+01	4.326e+00	3.079e+00	-7.010e-01	7.010e-01	8.338e+01	-8.338e+01	6.365e+01	3.191e+01	7.558e+01	9.418e+00
El: 10 30 - C.c:	-9.963e+00	9.963e+00	4.248e+00	3.156e+00	-5.290e-02	5.290e-02	5.744e+01	-5.744e+01	1.058e+01	-3.369e+00	7.478e+01	-3.317e-01
El: 30 - C.c:	-2.031e+01	2.031e+01	4.360e+00	3.045e+00	-7.032e-01	7.032e-01	6.555e+01	-6.555e+01	6.389e+01	3.197e+01	6.584e+01	2.381e+01

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
11												
El: 30 - C.c:	-1.150e+01	1.150e+01	4.326e+00	3.079e+00	-7.010e-01	7.010e-01	8.338e+01	-8.338e+01	6.365e+01	3.191e+01	7.558e+01	9.418e+00
12												
El: 30 - C.c:	-9.963e+00	9.963e+00	4.248e+00	3.156e+00	-5.290e-02	5.290e-02	5.744e+01	-5.744e+01	1.058e+01	-3.369e+00	7.478e+01	-3.317e-01
13												
El: 31 - C.c:	-2.630e+01	2.630e+01	1.943e+02	2.096e+02	-1.034e-01	1.034e-01	7.959e+01	-7.959e+01	8.738e+00	2.921e+00	2.711e+03	-3.575e+03
1												
El: 31 - C.c:	-2.011e+01	2.011e+01	1.495e+02	1.612e+02	-2.330e-02	2.330e-02	6.195e+01	-6.195e+01	2.781e+00	-1.524e-01	2.087e+03	-2.748e+03
2												
El: 31 - C.c:	-1.948e+01	1.948e+01	1.497e+02	1.610e+02	2.689e-01	-2.689e-01	6.569e+01	-6.569e+01	-1.771e+01	-1.263e+01	2.094e+03	-2.737e+03
3												
El: 31 - C.c:	-1.933e+01	1.933e+01	1.497e+02	1.610e+02	3.420e-01	-3.420e-01	6.663e+01	-6.663e+01	-2.283e+01	-1.575e+01	2.096e+03	-2.734e+03
4												
El: 31 - C.c:	-2.395e+01	2.395e+01	1.949e+02	2.090e+02	9.926e-01	-9.926e-01	9.364e+01	-9.364e+01	-6.810e+01	-4.387e+01	2.739e+03	-3.533e+03
5												
El: 31 - C.c:	-2.518e+01	2.518e+01	1.943e+02	2.096e+02	7.710e-01	-7.710e-01	8.684e+01	-8.684e+01	-4.808e+01	-3.890e+01	2.707e+03	-3.571e+03
6												
El: 31 - C.c:	-2.506e+01	2.506e+01	1.949e+02	2.090e+02	1.182e-01	-1.182e-01	8.639e+01	-8.639e+01	-1.129e+01	-2.042e+00	2.743e+03	-3.537e+03
7												
El: 31 - C.c:	-1.854e+01	1.854e+01	1.499e+02	1.608e+02	7.073e-01	-7.073e-01	7.131e+01	-7.131e+01	-4.845e+01	-3.134e+01	2.106e+03	-2.720e+03
8												
El: 31 - C.c:	-1.937e+01	1.937e+01	1.495e+02	1.612e+02	5.596e-01	-5.596e-01	6.678e+01	-6.678e+01	-3.509e+01	-2.803e+01	2.084e+03	-2.745e+03
9												
El: 31 - C.c:	-1.929e+01	1.929e+01	1.499e+02	1.608e+02	1.244e-01	-1.244e-01	6.647e+01	-6.647e+01	-1.057e+01	-3.461e+00	2.108e+03	-2.723e+03
10												
El: 31 - C.c:	-1.854e+01	1.854e+01	1.499e+02	1.608e+02	7.073e-01	-7.073e-01	7.131e+01	-7.131e+01	-4.845e+01	-3.134e+01	2.106e+03	-2.720e+03
11												
El: 31 - C.c:	-1.937e+01	1.937e+01	1.495e+02	1.612e+02	5.596e-01	-5.596e-01	6.678e+01	-6.678e+01	-3.509e+01	-2.803e+01	2.084e+03	-2.745e+03
12												
El: 31 - C.c:	-1.929e+01	1.929e+01	1.499e+02	1.608e+02	1.244e-01	-1.244e-01	6.647e+01	-6.647e+01	-1.057e+01	-3.461e+00	2.108e+03	-2.723e+03
13												
El: 32 - C.c:	-2.455e+01	2.455e+01	2.496e+00	5.401e+00	-3.215e-01	3.215e-01	1.001e+02	-1.001e+02	7.136e+00	2.881e+01	1.517e+02	-3.141e+02
1												
El: 32 - C.c:	-1.861e+01	1.861e+01	1.935e+00	4.140e+00	-3.039e-01	3.039e-01	7.717e+01	-7.717e+01	8.420e+00	2.557e+01	1.174e+02	-2.407e+02
2												
El: 32 - C.c:	-1.721e+01	1.721e+01	2.010e+00	4.065e+00	-5.984e-01	5.984e-01	7.804e+01	-7.804e+01	2.366e+01	4.326e+01	1.209e+02	-2.358e+02
3												
El: 32 - C.c:	-1.686e+01	1.686e+01	2.029e+00	4.046e+00	-6.721e-01	6.721e-01	7.826e+01	-7.826e+01	2.747e+01	4.769e+01	1.218e+02	-2.346e+02
4												
El: 32 - C.c:	-1.928e+01	1.928e+01	2.778e+00	5.119e+00	-1.426e+00	1.426e+00	1.034e+02	-1.034e+02	6.429e+01	9.517e+01	1.648e+02	-2.958e+02
5												
El: 32 - C.c:	-2.550e+01	2.550e+01	2.786e+00	5.111e+00	-1.837e+00	1.837e+00	8.990e+01	-8.990e+01	7.979e+01	1.256e+02	1.677e+02	-2.977e+02
6												
El: 32 - C.c:	-1.833e+01	1.833e+01	2.488e+00	5.409e+00	8.968e-02	-8.968e-02	1.136e+02	-1.136e+02	-8.370e+00	-1.659e+00	1.489e+02	-3.122e+02
7												
El: 32 - C.c:	-1.510e+01	1.510e+01	2.122e+00	3.952e+00	-1.040e+00	1.040e+00	7.935e+01	-7.935e+01	4.652e+01	6.981e+01	1.261e+02	-2.284e+02
8												
El: 32 - C.c:	-1.925e+01	1.925e+01	2.128e+00	3.947e+00	-1.314e+00	1.314e+00	7.037e+01	-7.037e+01	5.686e+01	9.012e+01	1.280e+02	-2.297e+02
9												
El: 32 - C.c:	-1.447e+01	1.447e+01	1.929e+00	4.145e+00	-2.982e-02	2.982e-02	8.615e+01	-8.615e+01	-1.917e+00	5.252e+00	1.155e+02	-2.394e+02
10												
El: 32 - C.c:	-1.510e+01	1.510e+01	2.122e+00	3.952e+00	-1.040e+00	1.040e+00	7.935e+01	-7.935e+01	4.652e+01	6.981e+01	1.261e+02	-2.284e+02
11												
El: 32 - C.c:	-1.925e+01	1.925e+01	2.128e+00	3.947e+00	-1.314e+00	1.314e+00	7.037e+01	-7.037e+01	5.686e+01	9.012e+01	1.280e+02	-2.297e+02
12												
El: 32 - C.c:	-1.447e+01	1.447e+01	1.929e+00	4.145e+00	-2.982e-02	2.982e-02	8.615e+01	-8.615e+01	-1.917e+00	5.252e+00	1.155e+02	-2.394e+02
13												
El: 33 - C.c:	-1.951e+01	1.951e+01	1.989e+02	1.949e+02	1.983e-01	-1.983e-01	5.078e-01	-5.078e-01	-1.393e+01	-7.880e+00	3.272e+03	-3.051e+03
1												
El: 33 - C.c:	-1.525e+01	1.525e+01	1.530e+02	1.499e+02	2.062e-01	-2.062e-01	7.598e-01	-7.598e-01	-1.338e+01	-9.295e+00	2.517e+03	-2.347e+03
2												
El: 33 - C.c:	-1.652e+01	1.652e+01	1.530e+02	1.500e+02	4.851e-01	-4.851e-01	2.680e+00	-2.680e+00	-2.725e+01	-2.611e+01	2.516e+03	-2.348e+03
3												
El: 33 - C.c:	-1.684e+01	1.684e+01	1.530e+02	1.500e+02	5.549e-01	-5.549e-01	3.160e+00	-3.160e+00	-3.072e+01	-3.031e+01	2.516e+03	-2.348e+03
4												
El: 33 - C.c:	-2.428e+01	2.428e+01	1.989e+02	1.950e+02	1.244e+00	-1.244e+00	7.707e+00	-7.707e+00	-6.595e+01	-7.094e+01	3.269e+03	-3.054e+03
5												
El: 33 - C.c:	-1.428e+01	1.428e+01	1.990e+02	1.949e+02	2.700e-01	-2.700e-01	3.794e+00	-3.794e+00	-1.568e+01	-1.402e+01	3.276e+03	-3.046e+03
6												
El: 33 - C.c:	-2.951e+01	2.951e+01	1.988e+02	1.951e+02	1.173e+00	-1.173e+00	4.421e+00	-4.421e+00	-6.420e+01	-6.479e+01	3.265e+03	-3.058e+03
7												
El: 33 - C.c:	-1.843e+01	1.843e+01	1.530e+02	1.500e+02	9.036e-01	-9.036e-01	5.559e+00	-5.559e+00	-4.806e+01	-5.133e+01	2.515e+03	-2.349e+03
8												
El: 33 - C.c:	-1.176e+01	1.176e+01	1.531e+02	1.499e+02	2.540e-01	-2.540e-01	2.951e+00	-2.951e+00	-1.455e+01	-1.339e+01	2.519e+03	-2.344e+03
9												
El: 33 - C.c:	-2.192e+01	2.192e+01	1.529e+02	1.500e+02	8.557e-01	-8.557e-01	3.368e+00	-3.368e+00	-4.689e+01	-4.724e+01	2.512e+03	-2.352e+03
10												
El: 33 - C.c:	-1.843e+01	1.843e+01	1.530e+02	1.500e+02	9.036e-01	-9.036e-01	5.559e+00	-5.559e+00	-4.806e+01	-5.133e+01	2.515e+03	-2.349e+03
11												

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 12 33 - C.c:	-1.176e+01	1.176e+01	1.531e+02	1.499e+02	2.540e-01	-2.540e-01	2.951e+00	-2.951e+00	-1.455e+01	-1.339e+01	2.519e+03	-2.344e+03
El: 13 33 - C.c:	-2.192e+01	2.192e+01	1.529e+02	1.500e+02	8.557e-01	-8.557e-01	3.368e+00	-3.368e+00	-4.689e+01	-4.724e+01	2.512e+03	-2.352e+03
El: 1 34 - C.c:	-6.086e-01	6.086e-01	-2.523e+00	1.057e+01	-2.452e-01	2.452e-01	1.251e+01	-1.251e+01	7.379e+00	2.057e+01	-1.704e+02	-5.760e+02
El: 2 34 - C.c:	-5.499e-01	5.499e-01	-1.924e+00	8.117e+00	-2.365e-01	2.365e-01	9.398e+00	-9.398e+00	8.213e+00	1.875e+01	-1.301e+02	-4.423e+02
El: 3 34 - C.c:	-9.752e-01	9.752e-01	-1.840e+00	8.033e+00	-4.854e-01	4.854e-01	8.230e+00	-8.230e+00	2.140e+01	3.394e+01	-1.248e+02	-4.380e+02
El: 4 34 - C.c:	-1.082e+00	1.082e+00	-1.819e+00	8.012e+00	-5.477e-01	5.477e-01	7.938e+00	-7.938e+00	2.470e+01	3.773e+01	-1.235e+02	-4.369e+02
El: 5 34 - C.c:	-2.203e+00	2.203e+00	-2.208e+00	1.026e+01	-1.179e+00	1.179e+00	8.129e+00	-8.129e+00	5.684e+01	7.753e+01	-1.506e+02	-5.600e+02
El: 6 34 - C.c:	-9.997e-01	9.997e-01	-2.388e+00	1.044e+01	-3.258e-02	3.258e-02	1.292e+01	-1.292e+01	-2.769e+00	6.482e+00	-1.625e+02	-5.686e+02
El: 7 34 - C.c:	-1.812e+00	1.812e+00	-2.342e+00	1.039e+01	-1.391e+00	1.391e+00	7.716e+00	-7.716e+00	6.698e+01	9.163e+01	-1.585e+02	-5.674e+02
El: 8 34 - C.c:	-1.613e+00	1.613e+00	-1.715e+00	7.907e+00	-8.588e-01	8.588e-01	6.478e+00	-6.478e+00	4.118e+01	5.672e+01	-1.168e+02	-4.316e+02
El: 9 34 - C.c:	-8.107e-01	8.107e-01	-1.835e+00	8.027e+00	-9.474e-02	9.474e-02	9.673e+00	-9.673e+00	1.447e+00	9.353e+00	-1.248e+02	-4.373e+02
El: 10 34 - C.c:	-1.352e+00	1.352e+00	-1.804e+00	7.997e+00	-1.001e+00	1.001e+00	6.202e+00	-6.202e+00	4.795e+01	6.612e+01	-1.221e+02	-4.365e+02
El: 11 34 - C.c:	-1.613e+00	1.613e+00	-1.715e+00	7.907e+00	-8.588e-01	8.588e-01	6.478e+00	-6.478e+00	4.118e+01	5.672e+01	-1.168e+02	-4.316e+02
El: 12 34 - C.c:	-8.107e-01	8.107e-01	-1.835e+00	8.027e+00	-9.474e-02	9.474e-02	9.673e+00	-9.673e+00	1.447e+00	9.353e+00	-1.248e+02	-4.373e+02
El: 13 34 - C.c:	-1.352e+00	1.352e+00	-1.804e+00	7.997e+00	-1.001e+00	1.001e+00	6.202e+00	-6.202e+00	4.795e+01	6.612e+01	-1.221e+02	-4.365e+02
El: 1 35 - C.c:	-2.411e+01	2.411e+01	1.936e+02	2.003e+02	2.691e-01	-2.691e-01	-2.435e+00	2.435e+00	3.223e+00	-3.282e+01	2.969e+03	-3.340e+03
El: 2 35 - C.c:	-1.844e+01	1.844e+01	1.489e+02	1.541e+02	2.112e-01	-2.112e-01	-1.777e+00	1.777e+00	1.432e+00	-2.467e+01	2.286e+03	-2.568e+03
El: 3 35 - C.c:	-1.790e+01	1.790e+01	1.491e+02	1.539e+02	2.334e-01	-2.334e-01	-1.280e+00	1.280e+00	-4.015e+00	-2.166e+01	2.296e+03	-2.559e+03
El: 4 35 - C.c:	-1.776e+01	1.776e+01	1.491e+02	1.538e+02	2.389e-01	-2.389e-01	-1.156e+00	1.156e+00	-5.377e+00	-2.091e+01	2.298e+03	-2.556e+03
El: 5 35 - C.c:	-2.206e+01	2.206e+01	1.942e+02	1.997e+02	3.521e-01	-3.521e-01	-5.703e-01	5.703e-01	-1.720e+01	-2.153e+01	3.006e+03	-3.306e+03
El: 6 35 - C.c:	-2.255e+01	2.255e+01	1.935e+02	2.004e+02	1.789e-01	-1.789e-01	-2.143e+00	2.143e+00	-1.166e+00	-1.851e+01	2.963e+03	-3.342e+03
El: 7 35 - C.c:	-2.363e+01	2.363e+01	1.943e+02	1.996e+02	4.424e-01	-4.424e-01	-8.614e-01	8.614e-01	-1.282e+01	-3.584e+01	3.012e+03	-3.304e+03
El: 8 35 - C.c:	-1.708e+01	1.708e+01	1.494e+02	1.536e+02	2.666e-01	-2.666e-01	-5.343e-01	5.343e-01	-1.219e+01	-1.714e+01	2.310e+03	-2.545e+03
El: 9 35 - C.c:	-1.740e+01	1.740e+01	1.489e+02	1.541e+02	1.511e-01	-1.511e-01	-1.583e+00	1.583e+00	-1.494e+00	-1.513e+01	2.282e+03	-2.569e+03
El: 10 35 - C.c:	-1.812e+01	1.812e+01	1.494e+02	1.536e+02	3.268e-01	-3.268e-01	-7.284e-01	7.284e-01	-9.260e+00	-2.668e+01	2.314e+03	-2.543e+03
El: 11 35 - C.c:	-1.708e+01	1.708e+01	1.494e+02	1.536e+02	2.666e-01	-2.666e-01	-5.343e-01	5.343e-01	-1.219e+01	-1.714e+01	2.310e+03	-2.545e+03
El: 12 35 - C.c:	-1.740e+01	1.740e+01	1.489e+02	1.541e+02	1.511e-01	-1.511e-01	-1.583e+00	1.583e+00	-1.494e+00	-1.513e+01	2.282e+03	-2.569e+03
El: 13 35 - C.c:	-1.812e+01	1.812e+01	1.494e+02	1.536e+02	3.268e-01	-3.268e-01	-7.284e-01	7.284e-01	-9.260e+00	-2.668e+01	2.314e+03	-2.543e+03
El: 1 36 - C.c:	-3.055e+00	3.055e+00	1.585e+01	-1.034e+01	-3.642e+00	3.642e+00	-4.485e+01	4.485e+01	1.649e+02	1.192e+02	8.843e+02	1.372e+02
El: 2 36 - C.c:	-2.189e+00	2.189e+00	1.225e+01	-8.009e+00	-2.555e+00	2.555e+00	-3.315e+01	3.315e+01	1.158e+02	8.342e+01	6.824e+02	1.075e+02
El: 3 36 - C.c:	-1.356e+00	1.356e+00	1.252e+01	-8.286e+00	-1.269e+00	1.269e+00	-2.617e+01	2.617e+01	5.836e+01	4.060e+01	6.935e+02	1.181e+02
El: 4 36 - C.c:	-1.148e+00	1.148e+00	1.259e+01	-8.355e+00	-9.472e-01	9.472e-01	-2.443e+01	2.443e+01	4.399e+01	2.989e+01	6.962e+02	1.207e+02
El: 5 36 - C.c:	7.076e-02	-7.076e-02	1.689e+01	-1.138e+01	1.180e+00	-1.180e+00	-1.867e+01	1.867e+01	-5.057e+01	-4.144e+01	9.259e+02	1.766e+02
El: 6 36 - C.c:	-1.972e+00	1.972e+00	1.565e+01	-1.014e+01	-2.087e-01	2.087e-01	-3.001e+01	3.001e+01	2.330e+01	-7.024e+00	8.799e+02	1.261e+02
El: 7 36 - C.c:	-1.012e+00	1.012e+00	1.709e+01	-1.158e+01	-2.254e+00	2.254e+00	-3.350e+01	3.350e+01	9.108e+01	8.474e+01	9.303e+02	1.877e+02
El: 8 36 - C.c:	-1.058e-01	1.058e-01	1.294e+01	-8.702e+00	6.601e-01	-6.601e-01	-1.570e+01	1.570e+01	-2.785e+01	-2.364e+01	7.101e+02	1.339e+02
El: 9 36 - C.c:	-1.468e+00	1.468e+00	1.211e+01	-7.877e+00	-2.654e-01	2.654e-01	-2.327e+01	2.327e+01	2.140e+01	-6.969e-01	6.794e+02	1.002e+02
El: 10 36 - C.c:	-8.276e-01	8.276e-01	1.307e+01	-8.834e+00	-1.629e+00	1.629e+00	-2.559e+01	2.559e+01	6.658e+01	6.048e+01	7.130e+02	1.412e+02
El: 11 36 - C.c:	-1.058e-01	1.058e-01	1.294e+01	-8.702e+00	6.601e-01	-6.601e-01	-1.570e+01	1.570e+01	-2.785e+01	-2.364e+01	7.101e+02	1.339e+02
El: 36 - C.c:	-1.468e+00	1.468e+00	1.211e+01	-7.877e+00	-2.654e-01	2.654e-01	-2.327e+01	2.327e+01	2.140e+01	-6.969e-01	6.794e+02	1.002e+02

COMUNE DI PRAIANO c_g976 0007113 Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 Ingresso 09/09/2024 12:39

Elem./C.c.		Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
12													
El: 13	36 - C.c:	-8.276e-01	8.276e-01	1.307e+01	-8.834e+00	-1.629e+00	1.629e+00	-2.559e+01	2.559e+01	6.658e+01	6.048e+01	7.130e+02	1.412e+02
El: 1	37 - C.c:	-8.180e-01	8.180e-01	-2.568e+00	1.062e+01	8.220e-01	-8.220e-01	7.477e+00	-7.477e+00	-3.898e+01	-5.472e+01	-1.694e+02	-5.823e+02
El: 2	37 - C.c:	-4.174e-01	4.174e-01	-1.928e+00	8.120e+00	5.286e-01	-5.286e-01	5.582e+00	-5.582e+00	-2.478e+01	-3.548e+01	-1.271e+02	-4.457e+02
El: 3	37 - C.c:	6.844e-01	-6.844e-01	-1.679e+00	7.872e+00	-1.059e-02	1.059e-02	4.701e+00	-4.701e+00	2.296e+00	-1.088e+00	-1.106e+02	-4.338e+02
El: 4	37 - C.c:	9.598e-01	-9.598e-01	-1.617e+00	7.810e+00	-1.454e-01	1.454e-01	4.480e+00	-4.480e+00	9.064e+00	7.510e+00	-1.065e+02	-4.308e+02
El: 5	37 - C.c:	3.314e+00	-3.314e+00	-1.637e+00	9.687e+00	-1.200e+00	1.200e+00	4.172e+00	-4.172e+00	6.254e+01	7.425e+01	-1.076e+02	-5.378e+02
El: 6	37 - C.c:	2.248e-01	-2.248e-01	-2.219e+00	1.027e+01	4.621e-01	-4.621e-01	6.822e+00	-6.822e+00	-2.340e+01	-2.928e+01	-1.454e+02	-5.664e+02
El: 7	37 - C.c:	2.271e+00	-2.271e+00	-1.986e+00	1.004e+01	-8.401e-01	8.401e-01	4.827e+00	-4.827e+00	4.696e+01	4.881e+01	-1.316e+02	-5.537e+02
El: 8	37 - C.c:	2.337e+00	-2.337e+00	-1.307e+00	7.499e+00	-8.193e-01	8.193e-01	3.379e+00	-3.379e+00	4.290e+01	5.050e+01	-8.594e+01	-4.160e+02
El: 9	37 - C.c:	2.778e-01	-2.778e-01	-1.695e+00	7.887e+00	2.887e-01	-2.887e-01	5.145e+00	-5.145e+00	-1.439e+01	-1.852e+01	-1.111e+02	-4.351e+02
El: 10	37 - C.c:	1.642e+00	-1.642e+00	-1.540e+00	7.732e+00	-5.794e-01	5.794e-01	3.816e+00	-3.816e+00	3.252e+01	3.354e+01	-1.019e+02	-4.266e+02
El: 11	37 - C.c:	2.337e+00	-2.337e+00	-1.307e+00	7.499e+00	-8.193e-01	8.193e-01	3.379e+00	-3.379e+00	4.290e+01	5.050e+01	-8.594e+01	-4.160e+02
El: 12	37 - C.c:	2.778e-01	-2.778e-01	-1.695e+00	7.887e+00	2.887e-01	-2.887e-01	5.145e+00	-5.145e+00	-1.439e+01	-1.852e+01	-1.111e+02	-4.351e+02
El: 13	37 - C.c:	1.642e+00	-1.642e+00	-1.540e+00	7.732e+00	-5.794e-01	5.794e-01	3.816e+00	-3.816e+00	3.252e+01	3.354e+01	-1.019e+02	-4.266e+02
El: 1	38 - C.c:	-1.895e+01	1.895e+01	1.619e+02	1.640e+02	1.742e+00	-1.742e+00	-1.264e+02	1.264e+02	-3.724e+01	-1.213e+02	2.100e+03	-2.196e+03
El: 2	38 - C.c:	-1.464e+01	1.464e+01	1.245e+02	1.261e+02	1.382e+00	-1.382e+00	-9.689e+01	9.689e+01	-3.074e+01	-9.505e+01	1.616e+03	-1.689e+03
El: 3	38 - C.c:	-1.496e+01	1.496e+01	1.245e+02	1.261e+02	1.601e+00	-1.601e+00	-9.506e+01	9.506e+01	-4.161e+01	-1.041e+02	1.617e+03	-1.690e+03
El: 4	38 - C.c:	-1.504e+01	1.504e+01	1.245e+02	1.261e+02	1.656e+00	-1.656e+00	-9.460e+01	9.460e+01	-4.433e+01	-1.064e+02	1.617e+03	-1.690e+03
El: 5	38 - C.c:	-2.016e+01	2.016e+01	1.619e+02	1.639e+02	2.563e+00	-2.563e+00	-1.195e+02	1.195e+02	-7.801e+01	-1.553e+02	2.105e+03	-2.199e+03
El: 6	38 - C.c:	-1.922e+01	1.922e+01	1.619e+02	1.640e+02	1.416e+00	-1.416e+00	-1.250e+02	1.250e+02	-1.942e+01	-1.095e+02	2.102e+03	-2.198e+03
El: 7	38 - C.c:	-1.989e+01	1.989e+01	1.619e+02	1.639e+02	2.889e+00	-2.889e+00	-1.210e+02	1.210e+02	-9.583e+01	-1.671e+02	2.104e+03	-2.196e+03
El: 8	38 - C.c:	-1.545e+01	1.545e+01	1.245e+02	1.261e+02	1.930e+00	-1.930e+00	-9.231e+01	9.231e+01	-5.792e+01	-1.177e+02	1.619e+03	-1.691e+03
El: 9	38 - C.c:	-1.482e+01	1.482e+01	1.245e+02	1.261e+02	1.165e+00	-1.165e+00	-9.595e+01	9.595e+01	-1.886e+01	-8.716e+01	1.617e+03	-1.691e+03
El: 10	38 - C.c:	-1.527e+01	1.527e+01	1.245e+02	1.261e+02	2.147e+00	-2.147e+00	-9.326e+01	9.326e+01	-6.980e+01	-1.256e+02	1.618e+03	-1.690e+03
El: 11	38 - C.c:	-1.545e+01	1.545e+01	1.245e+02	1.261e+02	1.930e+00	-1.930e+00	-9.231e+01	9.231e+01	-5.792e+01	-1.177e+02	1.619e+03	-1.691e+03
El: 12	38 - C.c:	-1.482e+01	1.482e+01	1.245e+02	1.261e+02	1.165e+00	-1.165e+00	-9.595e+01	9.595e+01	-1.886e+01	-8.716e+01	1.617e+03	-1.691e+03
El: 13	38 - C.c:	-1.527e+01	1.527e+01	1.245e+02	1.261e+02	2.147e+00	-2.147e+00	-9.326e+01	9.326e+01	-6.980e+01	-1.256e+02	1.618e+03	-1.690e+03
El: 1	39 - C.c:	-2.680e+01	2.680e+01	1.383e+02	1.732e+02	3.066e+00	-3.066e+00	-1.096e+01	1.096e+01	-1.597e+02	-1.070e+02	1.474e+03	-2.994e+03
El: 2	39 - C.c:	-2.047e+01	2.047e+01	1.064e+02	1.332e+02	2.355e+00	-2.355e+00	-7.903e+00	7.903e+00	-1.236e+02	-8.127e+01	1.134e+03	-2.303e+03
El: 3	39 - C.c:	-1.972e+01	1.972e+01	1.064e+02	1.332e+02	2.336e+00	-2.336e+00	-5.169e+00	5.169e+00	-1.274e+02	-7.580e+01	1.135e+03	-2.301e+03
El: 4	39 - C.c:	-1.953e+01	1.953e+01	1.064e+02	1.332e+02	2.331e+00	-2.331e+00	-4.486e+00	4.486e+00	-1.284e+02	-7.443e+01	1.135e+03	-2.301e+03
El: 5	39 - C.c:	-2.399e+01	2.399e+01	1.384e+02	1.731e+02	2.996e+00	-2.996e+00	-7.063e-01	7.063e-01	-1.741e+02	-8.650e+01	1.477e+03	-2.988e+03
El: 6	39 - C.c:	-1.190e+01	1.190e+01	1.381e+02	1.734e+02	3.158e+00	-3.158e+00	-6.716e+00	6.716e+00	-1.832e+02	-9.157e+01	1.464e+03	-3.002e+03
El: 7	39 - C.c:	-3.889e+01	3.889e+01	1.386e+02	1.729e+02	2.904e+00	-2.904e+00	-4.947e+00	4.947e+00	-1.507e+02	-1.020e+02	1.487e+03	-2.980e+03
El: 8	39 - C.c:	-1.860e+01	1.860e+01	1.064e+02	1.332e+02	2.308e+00	-2.308e+00	-1.069e+00	1.069e+00	-1.332e+02	-6.759e+01	1.136e+03	-2.299e+03
El: 9	39 - C.c:	-1.054e+01	1.054e+01	1.062e+02	1.334e+02	2.416e+00	-2.416e+00	-5.076e+00	5.076e+00	-1.392e+02	-7.097e+01	1.127e+03	-2.308e+03
El: 10	39 - C.c:	-2.853e+01	2.853e+01	1.066e+02	1.330e+02	2.247e+00	-2.247e+00	-3.896e+00	3.896e+00	-1.176e+02	-7.789e+01	1.143e+03	-2.293e+03
El: 11	39 - C.c:	-1.860e+01	1.860e+01	1.064e+02	1.332e+02	2.308e+00	-2.308e+00	-1.069e+00	1.069e+00	-1.332e+02	-6.759e+01	1.136e+03	-2.299e+03
El: 12	39 - C.c:	-1.054e+01	1.054e+01	1.062e+02	1.334e+02	2.416e+00	-2.416e+00	-5.076e+00	5.076e+00	-1.392e+02	-7.097e+01	1.127e+03	-2.308e+03

COMUNE DI PRAIANO cc_g976 0007113 Uscita 07/08/2025 15:08
COMUNE DI PRAIANO cc_g976 0007619 Ingresso 09/09/2024 12:39

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 13 39 - C.c:	-2.853e+01	2.853e+01	1.066e+02	1.330e+02	2.247e+00	-2.247e+00	-3.896e+00	3.896e+00	-1.176e+02	-7.789e+01	1.143e+03	-2.293e+03
El: 1 40 - C.c:	-1.316e+01	1.316e+01	1.660e+02	1.701e+02	1.431e+00	-1.431e+00	2.055e+02	-2.055e+02	-7.196e+01	-6.238e+01	2.150e+03	-2.346e+03
El: 2 40 - C.c:	-1.002e+01	1.002e+01	1.277e+02	1.308e+02	1.028e+00	-1.028e+00	1.582e+02	-1.582e+02	-5.198e+01	-4.452e+01	1.656e+03	-1.802e+03
El: 3 40 - C.c:	-9.504e+00	9.504e+00	1.280e+02	1.306e+02	6.500e-01	-6.500e-01	1.591e+02	-1.591e+02	-3.448e+01	-2.653e+01	1.666e+03	-1.788e+03
El: 4 40 - C.c:	-9.374e+00	9.374e+00	1.280e+02	1.305e+02	5.554e-01	-5.554e-01	1.593e+02	-1.593e+02	-3.010e+01	-2.203e+01	1.668e+03	-1.785e+03
El: 5 40 - C.c:	-1.122e+01	1.122e+01	1.669e+02	1.692e+02	1.284e-02	-1.284e-02	2.086e+02	-2.086e+02	-6.303e+00	5.098e+00	2.188e+03	-2.295e+03
El: 6 40 - C.c:	-1.527e+01	1.527e+01	1.665e+02	1.695e+02	-7.377e-01	7.377e-01	2.073e+02	-2.073e+02	2.566e+01	4.359e+01	2.174e+03	-2.315e+03
El: 7 40 - C.c:	-9.105e+00	9.105e+00	1.663e+02	1.698e+02	2.182e+00	-2.182e+00	2.068e+02	-2.068e+02	-1.039e+02	-1.009e+02	2.164e+03	-2.326e+03
El: 8 40 - C.c:	-8.727e+00	8.727e+00	1.283e+02	1.302e+02	8.261e-02	-8.261e-02	1.603e+02	-1.603e+02	-8.216e+00	4.614e-01	1.681e+03	-1.768e+03
El: 9 40 - C.c:	-1.143e+01	1.143e+01	1.281e+02	1.304e+02	-4.178e-01	4.178e-01	1.594e+02	-1.594e+02	1.309e+01	2.612e+01	1.672e+03	-1.781e+03
El: 10 40 - C.c:	-7.320e+00	7.320e+00	1.279e+02	1.306e+02	1.529e+00	-1.529e+00	1.591e+02	-1.591e+02	-7.329e+01	-7.018e+01	1.665e+03	-1.788e+03
El: 11 40 - C.c:	-8.727e+00	8.727e+00	1.283e+02	1.302e+02	8.261e-02	-8.261e-02	1.603e+02	-1.603e+02	-8.216e+00	4.614e-01	1.681e+03	-1.768e+03
El: 12 40 - C.c:	-1.143e+01	1.143e+01	1.281e+02	1.304e+02	-4.178e-01	4.178e-01	1.594e+02	-1.594e+02	1.309e+01	2.612e+01	1.672e+03	-1.781e+03
El: 13 40 - C.c:	-7.320e+00	7.320e+00	1.279e+02	1.306e+02	1.529e+00	-1.529e+00	1.591e+02	-1.591e+02	-7.329e+01	-7.018e+01	1.665e+03	-1.788e+03
El: 1 41 - C.c:	-2.167e+01	2.167e+01	2.024e+02	1.915e+02	-2.944e+00	2.944e+00	-1.445e+00	1.445e+00	1.450e+02	1.788e+02	3.582e+03	-2.986e+03
El: 2 41 - C.c:	-1.682e+01	1.682e+01	1.556e+02	1.473e+02	-2.137e+00	2.137e+00	-3.935e-01	3.935e-01	1.049e+02	1.302e+02	2.755e+03	-2.297e+03
El: 3 41 - C.c:	-1.763e+01	1.763e+01	1.556e+02	1.474e+02	-1.475e+00	1.475e+00	3.339e+00	-3.339e+00	7.018e+01	9.202e+01	2.754e+03	-2.300e+03
El: 4 41 - C.c:	-1.783e+01	1.783e+01	1.556e+02	1.474e+02	-1.309e+00	1.309e+00	4.273e+00	-4.273e+00	6.152e+01	8.247e+01	2.754e+03	-2.300e+03
El: 5 41 - C.c:	-2.469e+01	2.469e+01	2.022e+02	1.916e+02	-4.597e-01	4.597e-01	1.255e+01	-1.255e+01	1.496e+01	3.560e+01	3.578e+03	-2.995e+03
El: 6 41 - C.c:	-2.875e+01	2.875e+01	2.020e+02	1.919e+02	-2.204e+00	2.204e+00	6.487e+00	-6.487e+00	1.055e+02	1.370e+02	3.561e+03	-3.007e+03
El: 7 41 - C.c:	-1.761e+01	1.761e+01	2.026e+02	1.913e+02	-1.199e+00	1.199e+00	4.621e+00	-4.621e+00	5.445e+01	7.744e+01	3.598e+03	-2.974e+03
El: 8 41 - C.c:	-1.884e+01	1.884e+01	1.556e+02	1.474e+02	-4.810e-01	4.810e-01	8.939e+00	-8.939e+00	1.817e+01	3.473e+01	2.752e+03	-2.304e+03
El: 9 41 - C.c:	-2.154e+01	2.154e+01	1.554e+02	1.476e+02	-1.644e+00	1.644e+00	4.895e+00	-4.895e+00	7.853e+01	1.023e+02	2.741e+03	-2.311e+03
El: 10 41 - C.c:	-1.412e+01	1.412e+01	1.558e+02	1.472e+02	-9.739e-01	9.739e-01	3.650e+00	-3.650e+00	4.450e+01	6.263e+01	2.766e+03	-2.290e+03
El: 11 41 - C.c:	-1.884e+01	1.884e+01	1.556e+02	1.474e+02	-4.810e-01	4.810e-01	8.939e+00	-8.939e+00	1.817e+01	3.473e+01	2.752e+03	-2.304e+03
El: 12 41 - C.c:	-2.154e+01	2.154e+01	1.554e+02	1.476e+02	-1.644e+00	1.644e+00	4.895e+00	-4.895e+00	7.853e+01	1.023e+02	2.741e+03	-2.311e+03
El: 13 41 - C.c:	-1.412e+01	1.412e+01	1.558e+02	1.472e+02	-9.739e-01	9.739e-01	3.650e+00	-3.650e+00	4.450e+01	6.263e+01	2.766e+03	-2.290e+03
El: 1 42 - C.c:	-2.799e+01	2.799e+01	1.616e+02	1.658e+02	1.512e+00	-1.512e+00	-2.173e+02	2.173e+02	-1.139e+02	-2.434e+01	2.010e+03	-2.202e+03
El: 2 42 - C.c:	-2.097e+01	2.097e+01	1.245e+02	1.273e+02	1.037e+00	-1.037e+00	-1.669e+02	1.669e+02	-8.029e+01	-1.450e+01	1.557e+03	-1.684e+03
El: 3 42 - C.c:	-1.808e+01	1.808e+01	1.257e+02	1.262e+02	3.789e-01	-3.789e-01	-1.652e+02	1.652e+02	-4.211e+01	7.462e+00	1.611e+03	-1.631e+03
El: 4 42 - C.c:	-1.736e+01	1.736e+01	1.260e+02	1.259e+02	2.144e-01	-2.144e-01	-1.648e+02	1.648e+02	-3.256e+01	1.295e+01	1.624e+03	-1.618e+03
El: 5 42 - C.c:	-1.715e+01	1.715e+01	1.660e+02	1.614e+02	-9.545e-01	9.545e-01	-2.112e+02	2.112e+02	2.927e+01	5.801e+01	2.212e+03	-2.005e+03
El: 6 42 - C.c:	-2.166e+01	2.166e+01	1.638e+02	1.636e+02	-1.074e+00	1.074e+00	-2.168e+02	2.168e+02	8.013e+00	9.015e+01	2.114e+03	-2.101e+03
El: 7 42 - C.c:	-2.347e+01	2.347e+01	1.637e+02	1.637e+02	1.631e+00	-1.631e+00	-2.117e+02	2.117e+02	-9.267e+01	-5.648e+01	2.109e+03	-2.106e+03
El: 8 42 - C.c:	-1.375e+01	1.375e+01	1.275e+02	1.244e+02	-6.077e-01	6.077e-01	-1.628e+02	1.628e+02	1.517e+01	4.040e+01	1.691e+03	-1.552e+03
El: 9 42 - C.c:	-1.676e+01	1.676e+01	1.260e+02	1.258e+02	-6.871e-01	6.871e-01	-1.665e+02	1.665e+02	1.001e+00	6.183e+01	1.626e+03	-1.617e+03
El: 10 42 - C.c:	-1.796e+01	1.796e+01	1.260e+02	1.259e+02	1.116e+00	-1.116e+00	-1.631e+02	1.631e+02	-6.612e+01	-3.592e+01	1.622e+03	-1.619e+03
El: 11 42 - C.c:	-1.375e+01	1.375e+01	1.275e+02	1.244e+02	-6.077e-01	6.077e-01	-1.628e+02	1.628e+02	1.517e+01	4.040e+01	1.691e+03	-1.552e+03
El: 12 42 - C.c:	-1.676e+01	1.676e+01	1.260e+02	1.258e+02	-6.871e-01	6.871e-01	-1.665e+02	1.665e+02	1.001e+00	6.183e+01	1.626e+03	-1.617e+03
El: 42 - C.c:	-1.796e+01	1.796e+01	1.260e+02	1.259e+02	1.116e+00	-1.116e+00	-1.631e+02	1.631e+02	-6.612e+01	-3.592e+01	1.622e+03	-1.619e+03

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
13												
El: 1 43 - C.c:	-4.970e+01	4.970e+01	2.011e+02	1.928e+02	-3.868e+00	3.868e+00	1.734e+01	-1.734e+01	2.118e+02	2.137e+02	3.084e+03	-2.625e+03
El: 2 43 - C.c:	-3.823e+01	3.823e+01	1.547e+02	1.483e+02	-2.851e+00	2.851e+00	1.190e+01	-1.190e+01	1.559e+02	1.577e+02	2.372e+03	-2.019e+03
El: 3 43 - C.c:	-3.819e+01	3.819e+01	1.547e+02	1.483e+02	-2.202e+00	2.202e+00	4.435e+00	-4.435e+00	1.194e+02	1.228e+02	2.372e+03	-2.019e+03
El: 4 43 - C.c:	-3.819e+01	3.819e+01	1.547e+02	1.483e+02	-2.040e+00	2.040e+00	2.568e+00	-2.568e+00	1.103e+02	1.141e+02	2.372e+03	-2.019e+03
El: 5 43 - C.c:	-4.958e+01	4.958e+01	2.011e+02	1.928e+02	-1.436e+00	1.436e+00	-1.067e+01	1.067e+01	7.514e+01	8.279e+01	3.082e+03	-2.625e+03
El: 6 43 - C.c:	-5.523e+01	5.523e+01	1.996e+02	1.942e+02	-4.490e+00	4.490e+00	4.228e+00	-4.228e+00	2.433e+02	2.506e+02	2.939e+03	-2.642e+03
El: 7 43 - C.c:	-4.405e+01	4.405e+01	2.026e+02	1.913e+02	-8.139e-01	8.139e-01	2.449e+00	-2.449e+00	4.355e+01	4.598e+01	3.227e+03	-2.608e+03
El: 8 43 - C.c:	-3.815e+01	3.815e+01	1.547e+02	1.483e+02	-1.229e+00	1.229e+00	-6.768e+00	6.768e+00	6.481e+01	7.040e+01	2.371e+03	-2.020e+03
El: 9 43 - C.c:	-4.191e+01	4.191e+01	1.537e+02	1.493e+02	-3.265e+00	3.265e+00	3.161e+00	-3.161e+00	1.769e+02	1.822e+02	2.276e+03	-2.031e+03
El: 10 43 - C.c:	-3.446e+01	3.446e+01	1.557e+02	1.473e+02	-8.146e-01	8.146e-01	1.975e+00	-1.975e+00	4.375e+01	4.586e+01	2.468e+03	-2.008e+03
El: 11 43 - C.c:	-3.815e+01	3.815e+01	1.547e+02	1.483e+02	-1.229e+00	1.229e+00	-6.768e+00	6.768e+00	6.481e+01	7.040e+01	2.371e+03	-2.020e+03
El: 12 43 - C.c:	-4.191e+01	4.191e+01	1.537e+02	1.493e+02	-3.265e+00	3.265e+00	3.161e+00	-3.161e+00	1.769e+02	1.822e+02	2.276e+03	-2.031e+03
El: 13 43 - C.c:	-3.446e+01	3.446e+01	1.557e+02	1.473e+02	-8.146e-01	8.146e-01	1.975e+00	-1.975e+00	4.375e+01	4.586e+01	2.468e+03	-2.008e+03
El: 1 44 - C.c:	-2.094e+01	2.094e+01	3.915e+00	8.796e+00	2.044e+00	-2.044e+00	-9.104e+01	9.104e+01	-1.840e+02	-1.839e+02	3.655e+01	-4.758e+02
El: 2 44 - C.c:	-1.512e+01	1.512e+01	3.019e+00	6.759e+00	1.537e+00	-1.537e+00	-7.008e+01	7.008e+01	-1.382e+02	-1.385e+02	3.070e+01	-3.673e+02
El: 3 44 - C.c:	-1.001e+01	1.001e+01	3.056e+00	6.722e+00	1.353e+00	-1.353e+00	-7.032e+01	7.032e+01	-1.207e+02	-1.228e+02	4.417e+01	-3.741e+02
El: 4 44 - C.c:	-8.735e+00	8.735e+00	3.065e+00	6.712e+00	1.307e+00	-1.307e+00	-7.038e+01	7.038e+01	-1.163e+02	-1.189e+02	4.754e+01	-3.758e+02
El: 5 44 - C.c:	-1.772e+00	1.772e+00	4.054e+00	8.657e+00	1.354e+00	-1.354e+00	-9.196e+01	9.196e+01	-1.184e+02	-1.253e+02	8.705e+01	-5.013e+02
El: 6 44 - C.c:	-1.147e+01	1.147e+01	3.950e+00	8.761e+00	2.786e+00	-2.786e+00	-1.008e+02	1.008e+02	-2.417e+02	-2.597e+02	5.822e+01	-4.912e+02
El: 7 44 - C.c:	-1.124e+01	1.124e+01	4.019e+00	8.692e+00	6.122e-01	-6.122e-01	-8.218e+01	8.218e+01	-6.072e+01	-4.948e+01	6.538e+01	-4.859e+02
El: 8 44 - C.c:	-2.346e+00	2.346e+00	3.112e+00	6.666e+00	1.077e+00	-1.077e+00	-7.069e+01	7.069e+01	-9.441e+01	-9.939e+01	6.437e+01	-3.843e+02
El: 9 44 - C.c:	-8.813e+00	8.813e+00	3.042e+00	6.735e+00	2.031e+00	-2.031e+00	-7.660e+01	7.660e+01	-1.766e+02	-1.890e+02	4.515e+01	-3.775e+02
El: 10 44 - C.c:	-8.657e+00	8.657e+00	3.088e+00	6.689e+00	5.824e-01	-5.824e-01	-6.417e+01	6.417e+01	-5.598e+01	-4.884e+01	4.992e+01	-3.740e+02
El: 11 44 - C.c:	-2.346e+00	2.346e+00	3.112e+00	6.666e+00	1.077e+00	-1.077e+00	-7.069e+01	7.069e+01	-9.441e+01	-9.939e+01	6.437e+01	-3.843e+02
El: 12 44 - C.c:	-8.813e+00	8.813e+00	3.042e+00	6.735e+00	2.031e+00	-2.031e+00	-7.660e+01	7.660e+01	-1.766e+02	-1.890e+02	4.515e+01	-3.775e+02
El: 13 44 - C.c:	-8.657e+00	8.657e+00	3.088e+00	6.689e+00	5.824e-01	-5.824e-01	-6.417e+01	6.417e+01	-5.598e+01	-4.884e+01	4.992e+01	-3.740e+02
El: 1 45 - C.c:	-1.583e+00	1.583e+00	8.142e+00	4.569e+00	2.392e+00	-2.392e+00	1.108e+02	-1.108e+02	-2.250e+02	-2.056e+02	4.319e+02	-1.103e+02
El: 2 45 - C.c:	-1.046e+00	1.046e+00	6.274e+00	3.504e+00	1.801e+00	-1.801e+00	8.529e+01	-8.529e+01	-1.694e+02	-1.548e+02	3.334e+02	-8.410e+01
El: 3 45 - C.c:	-1.516e-01	1.516e-01	6.331e+00	3.447e+00	1.597e+00	-1.597e+00	8.545e+01	-8.545e+01	-1.505e+02	-1.370e+02	3.398e+02	-8.020e+01
El: 4 45 - C.c:	7.187e-02	-7.187e-02	6.345e+00	3.432e+00	1.546e+00	-1.546e+00	8.549e+01	-8.549e+01	-1.457e+02	-1.326e+02	3.414e+02	-7.923e+01
El: 5 45 - C.c:	1.770e+00	-1.770e+00	8.355e+00	4.355e+00	1.627e+00	-1.627e+00	1.114e+02	-1.114e+02	-1.539e+02	-1.390e+02	4.557e+02	-9.570e+01
El: 6 45 - C.c:	-2.182e+00	2.182e+00	8.215e+00	4.496e+00	3.164e+00	-3.164e+00	1.312e+02	-1.312e+02	-3.012e+02	-2.683e+02	4.403e+02	-1.055e+02
El: 7 45 - C.c:	2.369e+00	-2.369e+00	8.283e+00	4.428e+00	8.560e-01	-8.560e-01	9.105e+01	-9.105e+01	-7.770e+01	-7.637e+01	4.474e+02	-1.005e+02
El: 8 45 - C.c:	1.189e+00	-1.189e+00	6.416e+00	3.361e+00	1.291e+00	-1.291e+00	8.569e+01	-8.569e+01	-1.220e+02	-1.104e+02	3.493e+02	-7.437e+01
El: 9 45 - C.c:	-1.445e+00	1.445e+00	6.323e+00	3.455e+00	2.315e+00	-2.315e+00	9.888e+01	-9.888e+01	-2.202e+02	-1.965e+02	3.390e+02	-8.091e+01
El: 10 45 - C.c:	1.589e+00	-1.589e+00	6.368e+00	3.410e+00	7.768e-01	-7.768e-01	7.210e+01	-7.210e+01	-7.123e+01	-6.859e+01	3.438e+02	-7.755e+01
El: 11 45 - C.c:	1.189e+00	-1.189e+00	6.416e+00	3.361e+00	1.291e+00	-1.291e+00	8.569e+01	-8.569e+01	-1.220e+02	-1.104e+02	3.493e+02	-7.437e+01
El: 12 45 - C.c:	-1.445e+00	1.445e+00	6.323e+00	3.455e+00	2.315e+00	-2.315e+00	9.888e+01	-9.888e+01	-2.202e+02	-1.965e+02	3.390e+02	-8.091e+01
El: 13 45 - C.c:	1.589e+00	-1.589e+00	6.368e+00	3.410e+00	7.768e-01	-7.768e-01	7.210e+01	-7.210e+01	-7.123e+01	-6.859e+01	3.438e+02	-7.755e+01

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Fascicolo dei Calcoli
(Par. 10.1. Caratteristiche generali – D.M. Infrastrutture 17 gennaio 2018)

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 1 46 - C.c:	-3.745e-01	3.745e-01	5.964e+00	6.747e+00	5.767e-01	-5.767e-01	1.453e+01	-1.453e+01	-3.962e+01	-6.419e+01	1.513e+02	-2.217e+02
El: 2 46 - C.c:	-1.029e-01	1.029e-01	4.593e+00	5.185e+00	4.080e-01	-4.080e-01	1.118e+01	-1.118e+01	-2.729e+01	-4.615e+01	1.168e+02	-1.701e+02
El: 3 46 - C.c:	8.599e-01	-8.599e-01	4.619e+00	5.159e+00	2.227e-01	-2.227e-01	1.121e+01	-1.121e+01	-1.071e+01	-2.937e+01	1.190e+02	-1.676e+02
El: 4 46 - C.c:	1.101e+00	-1.101e+00	4.626e+00	5.152e+00	1.763e-01	-1.763e-01	1.122e+01	-1.122e+01	-6.567e+00	-2.517e+01	1.196e+02	-1.669e+02
El: 5 46 - C.c:	3.236e+00	-3.236e+00	6.063e+00	6.648e+00	-1.182e-01	1.182e-01	1.464e+01	-1.464e+01	2.254e+01	-1.260e+00	1.596e+02	-2.123e+02
El: 6 46 - C.c:	8.382e-01	-8.382e-01	6.011e+00	6.699e+00	4.355e-01	-4.355e-01	2.391e+01	-2.391e+01	-1.990e+01	-5.848e+01	1.554e+02	-2.173e+02
El: 7 46 - C.c:	2.023e+00	-2.023e+00	6.015e+00	6.696e+00	2.300e-02	-2.300e-02	5.263e+00	-5.263e+00	2.829e+00	-6.970e+00	1.555e+02	-2.168e+02
El: 8 46 - C.c:	2.304e+00	-2.304e+00	4.658e+00	5.119e+00	-5.531e-02	5.531e-02	1.126e+01	-1.126e+01	1.415e+01	-4.197e+00	1.223e+02	-1.638e+02
El: 9 46 - C.c:	7.055e-01	-7.055e-01	4.624e+00	5.153e+00	3.138e-01	-3.138e-01	1.743e+01	-1.743e+01	-1.414e+01	-4.235e+01	1.195e+02	-1.671e+02
El: 10 46 - C.c:	1.496e+00	-1.496e+00	4.627e+00	5.151e+00	3.885e-02	-3.885e-02	5.005e+00	-5.005e+00	1.010e+00	-8.003e+00	1.196e+02	-1.668e+02
El: 11 46 - C.c:	2.304e+00	-2.304e+00	4.658e+00	5.119e+00	-5.531e-02	5.531e-02	1.126e+01	-1.126e+01	1.415e+01	-4.197e+00	1.223e+02	-1.638e+02
El: 12 46 - C.c:	7.055e-01	-7.055e-01	4.624e+00	5.153e+00	3.138e-01	-3.138e-01	1.743e+01	-1.743e+01	-1.414e+01	-4.235e+01	1.195e+02	-1.671e+02
El: 13 46 - C.c:	1.496e+00	-1.496e+00	4.627e+00	5.151e+00	3.885e-02	-3.885e-02	5.005e+00	-5.005e+00	1.010e+00	-8.003e+00	1.196e+02	-1.668e+02
El: 1 47 - C.c:	-7.791e-02	7.791e-02	6.163e+00	6.548e+00	4.972e-01	-4.972e-01	6.497e+00	-6.497e+00	-4.212e+01	-4.738e+01	1.704e+02	-2.051e+02
El: 2 47 - C.c:	1.365e-01	-1.365e-01	4.746e+00	5.032e+00	3.454e-01	-3.454e-01	4.971e+00	-4.971e+00	-2.904e+01	-3.312e+01	1.316e+02	-1.573e+02
El: 3 47 - C.c:	1.158e+00	-1.158e+00	4.774e+00	5.004e+00	1.523e-01	-1.523e-01	4.831e+00	-4.831e+00	-1.158e+01	-1.584e+01	1.342e+02	-1.550e+02
El: 4 47 - C.c:	1.414e+00	-1.414e+00	4.780e+00	4.997e+00	1.041e-01	-1.041e-01	4.796e+00	-4.796e+00	-7.211e+00	-1.152e+01	1.349e+02	-1.544e+02
El: 5 47 - C.c:	3.753e+00	-3.753e+00	6.266e+00	6.445e+00	-2.267e-01	2.267e-01	5.973e+00	-5.973e+00	2.337e+01	1.743e+01	1.803e+02	-1.964e+02
El: 6 47 - C.c:	1.558e+00	-1.558e+00	6.209e+00	6.502e+00	1.345e-01	-1.345e-01	7.728e+00	-7.728e+00	-7.005e+00	-1.721e+01	1.749e+02	-2.012e+02
El: 7 47 - C.c:	2.118e+00	-2.118e+00	6.220e+00	6.491e+00	1.360e-01	-1.360e-01	4.742e+00	-4.742e+00	-1.174e+01	-1.274e+01	1.759e+02	-2.003e+02
El: 8 47 - C.c:	2.691e+00	-2.691e+00	4.815e+00	4.963e+00	-1.373e-01	1.373e-01	4.622e+00	-4.622e+00	1.462e+01	1.008e+01	1.382e+02	-1.515e+02
El: 9 47 - C.c:	1.227e+00	-1.227e+00	4.777e+00	5.001e+00	1.035e-01	-1.035e-01	5.791e+00	-5.791e+00	-5.632e+00	-1.301e+01	1.346e+02	-1.547e+02
El: 10 47 - C.c:	1.600e+00	-1.600e+00	4.784e+00	4.994e+00	1.046e-01	-1.046e-01	3.801e+00	-3.801e+00	-8.790e+00	-1.003e+01	1.352e+02	-1.541e+02
El: 11 47 - C.c:	2.691e+00	-2.691e+00	4.815e+00	4.963e+00	-1.373e-01	1.373e-01	4.622e+00	-4.622e+00	1.462e+01	1.008e+01	1.382e+02	-1.515e+02
El: 12 47 - C.c:	1.227e+00	-1.227e+00	4.777e+00	5.001e+00	1.035e-01	-1.035e-01	5.791e+00	-5.791e+00	-5.632e+00	-1.301e+01	1.346e+02	-1.547e+02
El: 13 47 - C.c:	1.600e+00	-1.600e+00	4.784e+00	4.994e+00	1.046e-01	-1.046e-01	3.801e+00	-3.801e+00	-8.790e+00	-1.003e+01	1.352e+02	-1.541e+02
El: 1 48 - C.c:	-2.533e+00	2.533e+00	6.411e+00	6.300e+00	2.477e-01	-2.477e-01	-2.710e+00	2.710e+00	-2.072e+01	-2.387e+01	1.933e+02	-1.832e+02
El: 2 48 - C.c:	-1.726e+00	1.726e+00	4.937e+00	4.841e+00	1.534e-01	-1.534e-01	-2.115e+00	2.115e+00	-1.261e+01	-1.501e+01	1.491e+02	-1.405e+02
El: 3 48 - C.c:	-5.697e-01	5.697e-01	4.963e+00	4.815e+00	-3.948e-02	3.948e-02	-2.273e+00	2.273e+00	4.705e+00	2.401e+00	1.513e+02	-1.380e+02
El: 4 48 - C.c:	-2.807e-01	2.807e-01	4.969e+00	4.808e+00	-8.770e-02	8.770e-02	-2.313e+00	2.313e+00	9.033e+00	6.754e+00	1.519e+02	-1.374e+02
El: 5 48 - C.c:	1.803e+00	-1.803e+00	6.509e+00	6.202e+00	-4.757e-01	4.757e-01	-3.303e+00	3.303e+00	4.420e+01	4.143e+01	2.016e+02	-1.740e+02
El: 6 48 - C.c:	-6.930e-01	6.930e-01	6.451e+00	6.259e+00	-5.827e-02	5.827e-02	-1.616e+00	1.616e+00	7.719e+00	2.770e+00	1.967e+02	-1.794e+02
El: 7 48 - C.c:	-3.688e-02	3.688e-02	6.469e+00	6.242e+00	-1.698e-01	1.698e-01	-4.398e+00	4.398e+00	1.577e+01	1.479e+01	1.981e+02	-1.778e+02
El: 8 48 - C.c:	1.164e+00	-1.164e+00	5.002e+00	4.776e+00	-3.288e-01	3.288e-01	-2.510e+00	2.510e+00	3.067e+01	2.852e+01	1.546e+02	-1.343e+02
El: 9 48 - C.c:	-4.994e-01	4.994e-01	4.964e+00	4.814e+00	-5.054e-02	5.054e-02	-1.385e+00	1.385e+00	6.350e+00	2.747e+00	1.514e+02	-1.379e+02
El: 10 48 - C.c:	-6.201e-02	6.201e-02	4.975e+00	4.803e+00	-1.249e-01	1.249e-01	-3.240e+00	3.240e+00	1.172e+01	1.076e+01	1.523e+02	-1.368e+02
El: 11 48 - C.c:	1.164e+00	-1.164e+00	5.002e+00	4.776e+00	-3.288e-01	3.288e-01	-2.510e+00	2.510e+00	3.067e+01	2.852e+01	1.546e+02	-1.343e+02
El: 12 48 - C.c:	-4.994e-01	4.994e-01	4.964e+00	4.814e+00	-5.054e-02	5.054e-02	-1.385e+00	1.385e+00	6.350e+00	2.747e+00	1.514e+02	-1.379e+02
El: 13 48 - C.c:	-6.201e-02	6.201e-02	4.975e+00	4.803e+00	-1.249e-01	1.249e-01	-3.240e+00	3.240e+00	1.172e+01	1.076e+01	1.523e+02	-1.368e+02
El: 49 - C.c:	-7.056e+00	7.056e+00	6.465e+00	6.246e+00	2.456e-01	-2.456e-01	-3.928e+00	3.928e+00	-1.929e+01	-2.491e+01	2.005e+02	-1.809e+02

COMUNE DI PRAIANO cc_g976 0007113 Uscita 07/08/2025 15:08
COMUNE DI PRAIANO cc_g976 0007619 Ingresso 09/09/2024 12:39

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
1												
El: 49 - C.c: 2	-5.188e+00	5.188e+00	4.978e+00	4.799e+00	1.526e-01	-1.526e-01	-3.033e+00	3.033e+00	-1.156e+01	-1.590e+01	1.547e+02	-1.386e+02
El: 49 - C.c: 3	-3.943e+00	3.943e+00	5.007e+00	4.771e+00	-3.648e-02	3.648e-02	-3.095e+00	3.095e+00	5.505e+00	1.062e+00	1.573e+02	-1.360e+02
El: 49 - C.c: 4	-3.632e+00	3.632e+00	5.014e+00	4.763e+00	-8.374e-02	8.374e-02	-3.110e+00	3.110e+00	9.771e+00	5.303e+00	1.580e+02	-1.354e+02
El: 49 - C.c: 5	-2.386e+00	2.386e+00	6.572e+00	6.139e+00	-4.633e-01	4.633e-01	-4.158e+00	4.158e+00	4.469e+01	3.870e+01	2.102e+02	-1.711e+02
El: 49 - C.c: 6	-5.195e+00	5.195e+00	6.506e+00	6.205e+00	-1.209e-01	1.209e-01	-5.662e+00	5.662e+00	1.559e+01	6.170e+00	2.043e+02	-1.773e+02
El: 49 - C.c: 7	-4.247e+00	4.247e+00	6.531e+00	6.180e+00	-9.683e-02	9.683e-02	-2.424e+00	2.424e+00	9.811e+00	7.618e+00	2.064e+02	-1.748e+02
El: 49 - C.c: 8	-2.075e+00	2.075e+00	5.050e+00	4.728e+00	-3.200e-01	3.200e-01	-3.187e+00	3.187e+00	3.110e+01	2.651e+01	1.612e+02	-1.321e+02
El: 49 - C.c: 9	-3.948e+00	3.948e+00	5.006e+00	4.772e+00	-9.177e-02	9.177e-02	-4.189e+00	4.189e+00	1.170e+01	4.821e+00	1.572e+02	-1.362e+02
El: 49 - C.c: 10	-3.316e+00	3.316e+00	5.023e+00	4.755e+00	-7.572e-02	7.572e-02	-2.031e+00	2.031e+00	7.843e+00	5.786e+00	1.587e+02	-1.346e+02
El: 49 - C.c: 11	-2.075e+00	2.075e+00	5.050e+00	4.728e+00	-3.200e-01	3.200e-01	-3.187e+00	3.187e+00	3.110e+01	2.651e+01	1.612e+02	-1.321e+02
El: 49 - C.c: 12	-3.948e+00	3.948e+00	5.006e+00	4.772e+00	-9.177e-02	9.177e-02	-4.189e+00	4.189e+00	1.170e+01	4.821e+00	1.572e+02	-1.362e+02
El: 49 - C.c: 13	-3.316e+00	3.316e+00	5.023e+00	4.755e+00	-7.572e-02	7.572e-02	-2.031e+00	2.031e+00	7.843e+00	5.786e+00	1.587e+02	-1.346e+02
El: 50 - C.c: 1	-1.203e+01	1.203e+01	6.457e+00	6.254e+00	1.398e-03	-1.398e-03	-1.296e+01	1.296e+01	7.511e+00	-7.763e+00	1.998e+02	-1.815e+02
El: 50 - C.c: 2	-8.995e+00	8.995e+00	4.973e+00	4.804e+00	-3.495e-02	3.495e-02	-1.000e+01	1.000e+01	9.093e+00	-2.803e+00	1.543e+02	-1.391e+02
El: 50 - C.c: 3	-7.646e+00	7.646e+00	5.004e+00	4.773e+00	-2.223e-01	2.223e-01	-1.015e+01	1.015e+01	2.633e+01	1.368e+01	1.570e+02	-1.362e+02
El: 50 - C.c: 4	-7.309e+00	7.309e+00	5.012e+00	4.766e+00	-2.691e-01	2.691e-01	-1.019e+01	1.019e+01	3.064e+01	1.779e+01	1.577e+02	-1.355e+02
El: 50 - C.c: 5	-6.973e+00	6.973e+00	6.574e+00	6.137e+00	-7.010e-01	7.010e-01	-1.352e+01	1.352e+01	7.215e+01	5.403e+01	2.101e+02	-1.708e+02
El: 50 - C.c: 6	-1.041e+01	1.041e+01	6.498e+00	6.213e+00	-5.016e-01	5.016e-01	-2.003e+01	2.003e+01	5.740e+01	3.289e+01	2.034e+02	-1.778e+02
El: 50 - C.c: 7	-8.592e+00	8.592e+00	6.534e+00	6.177e+00	-1.980e-01	1.980e-01	-6.450e+00	6.450e+00	2.226e+01	1.337e+01	2.066e+02	-1.744e+02
El: 50 - C.c: 8	-5.623e+00	5.623e+00	5.051e+00	4.727e+00	-5.032e-01	5.032e-01	-1.037e+01	1.037e+01	5.219e+01	3.839e+01	1.611e+02	-1.319e+02
El: 50 - C.c: 9	-7.916e+00	7.916e+00	5.000e+00	4.778e+00	-3.703e-01	3.703e-01	-1.471e+01	1.471e+01	4.235e+01	2.430e+01	1.566e+02	-1.366e+02
El: 50 - C.c: 10	-6.702e+00	6.702e+00	5.024e+00	4.753e+00	-1.679e-01	1.679e-01	-5.658e+00	5.658e+00	1.893e+01	1.129e+01	1.587e+02	-1.344e+02
El: 50 - C.c: 11	-5.623e+00	5.623e+00	5.051e+00	4.727e+00	-5.032e-01	5.032e-01	-1.037e+01	1.037e+01	5.219e+01	3.839e+01	1.611e+02	-1.319e+02
El: 50 - C.c: 12	-7.916e+00	7.916e+00	5.000e+00	4.778e+00	-3.703e-01	3.703e-01	-1.471e+01	1.471e+01	4.235e+01	2.430e+01	1.566e+02	-1.366e+02
El: 50 - C.c: 13	-6.702e+00	6.702e+00	5.024e+00	4.753e+00	-1.679e-01	1.679e-01	-5.658e+00	5.658e+00	1.893e+01	1.129e+01	1.587e+02	-1.344e+02
El: 51 - C.c: 1	-1.874e+01	1.874e+01	6.458e+00	6.253e+00	-8.765e-01	8.765e-01	-2.920e+01	2.920e+01	7.958e+01	7.819e+01	2.009e+02	-1.824e+02
El: 51 - C.c: 2	-1.415e+01	1.415e+01	4.974e+00	4.804e+00	-7.205e-01	7.205e-01	-2.253e+01	2.253e+01	6.541e+01	6.428e+01	1.550e+02	-1.397e+02
El: 51 - C.c: 3	-1.275e+01	1.275e+01	5.004e+00	4.774e+00	-9.611e-01	9.611e-01	-2.289e+01	2.289e+01	8.723e+01	8.578e+01	1.577e+02	-1.370e+02
El: 51 - C.c: 4	-1.241e+01	1.241e+01	5.011e+00	4.766e+00	-1.021e+00	1.021e+00	-2.298e+01	2.298e+01	9.268e+01	9.115e+01	1.584e+02	-1.364e+02
El: 51 - C.c: 5	-1.352e+01	1.352e+01	6.571e+00	6.140e+00	-1.779e+00	1.779e+00	-3.055e+01	3.055e+01	1.614e+02	1.588e+02	2.109e+02	-1.722e+02
El: 51 - C.c: 6	-1.819e+01	1.819e+01	6.467e+00	6.244e+00	-1.853e+00	1.853e+00	-4.597e+01	4.597e+01	1.703e+02	1.633e+02	2.027e+02	-1.826e+02
El: 51 - C.c: 7	-1.406e+01	1.406e+01	6.562e+00	6.149e+00	-8.021e-01	8.021e-01	-1.377e+01	1.377e+01	7.064e+01	7.373e+01	2.091e+02	-1.719e+02
El: 51 - C.c: 8	-1.067e+01	1.067e+01	5.049e+00	4.729e+00	-1.322e+00	1.322e+00	-2.343e+01	2.343e+01	1.200e+02	1.180e+02	1.617e+02	-1.330e+02
El: 51 - C.c: 9	-1.378e+01	1.378e+01	4.980e+00	4.798e+00	-1.372e+00	1.372e+00	-3.371e+01	3.371e+01	1.259e+02	1.210e+02	1.563e+02	-1.399e+02
El: 51 - C.c: 10	-1.103e+01	1.103e+01	5.043e+00	4.735e+00	-6.709e-01	6.709e-01	-1.225e+01	1.225e+01	5.945e+01	6.131e+01	1.605e+02	-1.328e+02
El: 51 - C.c: 11	-1.067e+01	1.067e+01	5.049e+00	4.729e+00	-1.322e+00	1.322e+00	-2.343e+01	2.343e+01	1.200e+02	1.180e+02	1.617e+02	-1.330e+02
El: 51 - C.c: 12	-1.378e+01	1.378e+01	4.980e+00	4.798e+00	-1.372e+00	1.372e+00	-3.371e+01	3.371e+01	1.259e+02	1.210e+02	1.563e+02	-1.399e+02
El: 51 - C.c: 13	-1.103e+01	1.103e+01	5.043e+00	4.735e+00	-6.709e-01	6.709e-01	-1.225e+01	1.225e+01	5.945e+01	6.131e+01	1.605e+02	-1.328e+02
El: 52 - C.c: 1	-2.268e+01	2.268e+01	5.823e+00	6.887e+00	5.289e-01	-5.289e-01	-5.176e+00	5.176e+00	-5.961e+01	-3.558e+01	1.387e+02	-2.344e+02

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 2 52 - C.c:	-1.683e+01	1.683e+01	4.543e+00	5.235e+00	3.668e-01	-3.668e-01	-3.984e+00	3.984e+00	-4.228e+01	-2.375e+01	1.121e+02	-1.744e+02
El: 3 52 - C.c:	-1.360e+01	1.360e+01	4.872e+00	4.906e+00	1.587e-01	-1.587e-01	-4.000e+00	4.000e+00	-2.369e+01	-4.886e+00	1.404e+02	-1.434e+02
El: 4 52 - C.c:	-1.279e+01	1.279e+01	4.954e+00	4.824e+00	1.067e-01	-1.067e-01	-4.004e+00	4.004e+00	-1.904e+01	-1.711e-01	1.474e+02	-1.357e+02
El: 5 52 - C.c:	-1.059e+01	1.059e+01	7.057e+00	5.654e+00	-2.514e-01	2.514e-01	-5.234e+00	5.234e+00	1.011e+01	3.514e+01	2.447e+02	-1.184e+02
El: 6 52 - C.c:	-1.877e+01	1.877e+01	6.391e+00	6.319e+00	3.317e-01	-3.317e-01	-4.336e+00	4.336e+00	-5.035e+01	-9.356e+00	1.873e+02	-1.809e+02
El: 7 52 - C.c:	-1.450e+01	1.450e+01	6.489e+00	6.222e+00	-5.420e-02	5.420e-02	-6.074e+00	6.074e+00	8.450e-01	8.911e+00	1.960e+02	-1.720e+02
El: 8 52 - C.c:	-8.764e+00	8.764e+00	5.365e+00	4.413e+00	-1.533e-01	1.533e-01	-4.023e+00	4.023e+00	4.199e+00	2.340e+01	1.828e+02	-9.704e+01
El: 9 52 - C.c:	-1.422e+01	1.422e+01	4.921e+00	4.856e+00	2.354e-01	-2.354e-01	-3.424e+00	3.424e+00	-3.611e+01	-6.260e+00	1.446e+02	-1.387e+02
El: 10 52 - C.c:	-1.137e+01	1.137e+01	4.986e+00	4.791e+00	-2.190e-02	2.190e-02	-4.583e+00	4.583e+00	-1.975e+00	5.918e+00	1.503e+02	-1.328e+02
El: 11 52 - C.c:	-8.764e+00	8.764e+00	5.365e+00	4.413e+00	-1.533e-01	1.533e-01	-4.023e+00	4.023e+00	4.199e+00	2.340e+01	1.828e+02	-9.704e+01
El: 12 52 - C.c:	-1.422e+01	1.422e+01	4.921e+00	4.856e+00	2.354e-01	-2.354e-01	-3.424e+00	3.424e+00	-3.611e+01	-6.260e+00	1.446e+02	-1.387e+02
El: 13 52 - C.c:	-1.137e+01	1.137e+01	4.986e+00	4.791e+00	-2.190e-02	2.190e-02	-4.583e+00	4.583e+00	-1.975e+00	5.918e+00	1.503e+02	-1.328e+02
El: 1 53 - C.c:	-2.016e+01	2.016e+01	5.666e+00	7.045e+00	4.851e-01	-4.851e-01	-8.460e-01	8.460e-01	-4.769e+01	-3.962e+01	1.278e+02	-2.519e+02
El: 2 53 - C.c:	-1.523e+01	1.523e+01	4.415e+00	5.363e+00	3.325e-01	-3.325e-01	-6.558e-01	6.558e-01	-3.303e+01	-2.683e+01	1.034e+02	-1.888e+02
El: 3 53 - C.c:	-1.378e+01	1.378e+01	4.707e+00	5.070e+00	1.216e-01	-1.216e-01	-6.820e-01	6.820e-01	-1.404e+01	-7.841e+00	1.300e+02	-1.627e+02
El: 4 53 - C.c:	-1.342e+01	1.342e+01	4.780e+00	4.997e+00	6.882e-02	-6.882e-02	-6.885e-01	6.885e-01	-9.293e+00	-3.094e+00	1.366e+02	-1.562e+02
El: 5 53 - C.c:	-1.472e+01	1.472e+01	6.763e+00	5.948e+00	-3.061e-01	3.061e-01	-9.442e-01	9.442e-01	2.352e+01	3.158e+01	2.274e+02	-1.541e+02
El: 6 53 - C.c:	-2.025e+01	2.025e+01	6.167e+00	6.544e+00	9.710e-02	-9.710e-02	8.276e-02	-8.276e-02	-1.470e+01	-2.774e+00	1.733e+02	-2.072e+02
El: 7 53 - C.c:	-1.464e+01	1.464e+01	6.262e+00	6.449e+00	8.183e-02	-8.183e-02	-1.873e+00	1.873e+00	-9.460e+00	-5.271e+00	1.819e+02	-1.988e+02
El: 8 53 - C.c:	-1.160e+01	1.160e+01	5.146e+00	4.632e+00	-1.949e-01	1.949e-01	-7.213e-01	7.213e-01	1.444e+01	2.064e+01	1.698e+02	-1.235e+02
El: 9 53 - C.c:	-1.529e+01	1.529e+01	4.749e+00	5.029e+00	7.391e-02	-7.391e-02	-3.663e-02	3.663e-02	-1.104e+01	-2.262e+00	1.338e+02	-1.590e+02
El: 10 53 - C.c:	-1.155e+01	1.155e+01	4.812e+00	4.966e+00	6.373e-02	-6.373e-02	-1.340e+00	1.340e+00	-7.546e+00	-3.926e+00	1.395e+02	-1.533e+02
El: 11 53 - C.c:	-1.160e+01	1.160e+01	5.146e+00	4.632e+00	-1.949e-01	1.949e-01	-7.213e-01	7.213e-01	1.444e+01	2.064e+01	1.698e+02	-1.235e+02
El: 12 53 - C.c:	-1.529e+01	1.529e+01	4.749e+00	5.029e+00	7.391e-02	-7.391e-02	-3.663e-02	3.663e-02	-1.104e+01	-2.262e+00	1.338e+02	-1.590e+02
El: 13 53 - C.c:	-1.155e+01	1.155e+01	4.812e+00	4.966e+00	6.373e-02	-6.373e-02	-1.340e+00	1.340e+00	-7.546e+00	-3.926e+00	1.395e+02	-1.533e+02
El: 1 54 - C.c:	-1.753e+01	1.753e+01	5.620e+00	7.091e+00	3.142e-01	-3.142e-01	1.460e+00	-1.460e+00	-3.081e+01	-2.575e+01	1.239e+02	-2.563e+02
El: 2 54 - C.c:	-1.354e+01	1.354e+01	4.380e+00	5.397e+00	2.010e-01	-2.010e-01	1.118e+00	-1.118e+00	-2.004e+01	-1.614e+01	1.005e+02	-1.920e+02
El: 3 54 - C.c:	-1.386e+01	1.386e+01	4.679e+00	5.099e+00	-1.055e-02	1.055e-02	1.093e+00	-1.093e+00	-1.023e+00	2.922e+00	1.273e+02	-1.651e+02
El: 4 54 - C.c:	-1.393e+01	1.393e+01	4.753e+00	5.025e+00	-6.344e-02	6.344e-02	1.087e+00	-1.087e+00	3.732e+00	7.687e+00	1.339e+02	-1.584e+02
El: 5 54 - C.c:	-1.870e+01	1.870e+01	6.738e+00	5.973e+00	-4.791e-01	4.791e-01	1.366e+00	-1.366e+00	4.051e+01	4.573e+01	2.243e+02	-1.555e+02
El: 6 54 - C.c:	-2.123e+01	2.123e+01	6.131e+00	6.580e+00	-4.455e-02	4.455e-02	1.155e+00	-1.155e+00	8.593e-01	7.160e+00	1.698e+02	-2.102e+02
El: 7 54 - C.c:	-1.500e+01	1.500e+01	6.227e+00	6.484e+00	-1.204e-01	1.204e-01	1.671e+00	-1.671e+00	8.845e+00	1.283e+01	1.784e+02	-2.016e+02
El: 8 54 - C.c:	-1.433e+01	1.433e+01	5.126e+00	4.652e+00	-3.279e-01	3.279e-01	1.056e+00	-1.056e+00	2.751e+01	3.151e+01	1.674e+02	-1.248e+02
El: 9 54 - C.c:	-1.601e+01	1.601e+01	4.721e+00	5.056e+00	-3.816e-02	3.816e-02	9.150e-01	-9.150e-01	1.070e+00	5.798e+00	1.311e+02	-1.612e+02
El: 10 54 - C.c:	-1.186e+01	1.186e+01	4.785e+00	4.993e+00	-8.873e-02	8.873e-02	1.259e+00	-1.259e+00	6.394e+00	9.577e+00	1.368e+02	-1.555e+02
El: 11 54 - C.c:	-1.433e+01	1.433e+01	5.126e+00	4.652e+00	-3.279e-01	3.279e-01	1.056e+00	-1.056e+00	2.751e+01	3.151e+01	1.674e+02	-1.248e+02
El: 12 54 - C.c:	-1.601e+01	1.601e+01	4.721e+00	5.056e+00	-3.816e-02	3.816e-02	9.150e-01	-9.150e-01	1.070e+00	5.798e+00	1.311e+02	-1.612e+02
El: 13 54 - C.c:	-1.186e+01	1.186e+01	4.785e+00	4.993e+00	-8.873e-02	8.873e-02	1.259e+00	-1.259e+00	6.394e+00	9.577e+00	1.368e+02	-1.555e+02
El: 1 55 - C.c:	-1.470e+01	1.470e+01	5.592e+00	7.119e+00	3.366e-01	-3.366e-01	-5.207e-01	5.207e-01	-3.290e+01	-2.768e+01	1.216e+02	-2.590e+02
El: 55 - C.c:	-1.171e+01	1.171e+01	4.358e+00	5.419e+00	2.192e-01	-2.192e-01	-4.011e-01	4.011e-01	-2.174e+01	-1.772e+01	9.866e+01	-1.941e+02

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 2 55 - C.c:	-1.380e+01	1.380e+01	4.655e+00	5.123e+00	1.272e-02	-1.272e-02	-4.041e-01	4.041e-01	-3.171e+00	8.820e-01	1.253e+02	-1.675e+02
El: 3 55 - C.c:	-1.432e+01	1.432e+01	4.729e+00	5.049e+00	-3.890e-02	3.890e-02	-4.048e-01	4.048e-01	1.470e+00	5.532e+00	1.320e+02	-1.608e+02
El: 4 55 - C.c:	-2.254e+01	2.254e+01	6.703e+00	6.008e+00	-4.377e-01	4.377e-01	-5.317e-01	5.317e-01	3.672e+01	4.206e+01	2.216e+02	-1.591e+02
El: 5 55 - C.c:	-2.192e+01	2.192e+01	6.098e+00	6.613e+00	-8.588e-02	8.588e-02	-1.135e+00	1.135e+00	3.031e+00	1.243e+01	1.671e+02	-2.135e+02
El: 6 55 - C.c:	-1.532e+01	1.532e+01	6.196e+00	6.515e+00	-1.525e-02	1.525e-02	8.229e-02	-8.229e-02	7.915e-01	1.954e+00	1.760e+02	-2.047e+02
El: 7 55 - C.c:	-1.694e+01	1.694e+01	5.099e+00	4.679e+00	-2.970e-01	2.970e-01	-4.084e-01	4.084e-01	2.468e+01	2.878e+01	1.653e+02	-1.275e+02
El: 8 55 - C.c:	-1.652e+01	1.652e+01	4.696e+00	5.082e+00	-6.244e-02	6.244e-02	-8.105e-01	8.105e-01	2.216e+00	9.023e+00	1.290e+02	-1.637e+02
El: 9 55 - C.c:	-1.212e+01	1.212e+01	4.761e+00	5.016e+00	-1.536e-02	1.536e-02	8.885e-04	-8.885e-04	7.237e-01	2.040e+00	1.350e+02	-1.579e+02
El: 10 55 - C.c:	-1.694e+01	1.694e+01	5.099e+00	4.679e+00	-2.970e-01	2.970e-01	-4.084e-01	4.084e-01	2.468e+01	2.878e+01	1.653e+02	-1.275e+02
El: 11 55 - C.c:	-1.652e+01	1.652e+01	4.696e+00	5.082e+00	-6.244e-02	6.244e-02	-8.105e-01	8.105e-01	2.216e+00	9.023e+00	1.290e+02	-1.637e+02
El: 12 55 - C.c:	-1.212e+01	1.212e+01	4.761e+00	5.016e+00	-1.536e-02	1.536e-02	8.885e-04	-8.885e-04	7.237e-01	2.040e+00	1.350e+02	-1.579e+02
El: 13 55 - C.c:	-1.143e+01	1.143e+01	5.628e+00	7.083e+00	1.412e-01	-1.412e-01	-2.004e+00	2.004e+00	-2.205e+01	-3.375e+00	1.266e+02	-2.576e+02
El: 1 56 - C.c:	-9.541e+00	9.541e+00	4.385e+00	5.393e+00	6.981e-02	-6.981e-02	-1.508e+00	1.508e+00	-1.356e+01	9.942e-01	1.023e+02	-1.931e+02
El: 2 56 - C.c:	-1.343e+01	1.343e+01	4.674e+00	5.103e+00	-1.321e-01	1.321e-01	-1.335e+00	1.335e+00	4.114e+00	1.967e+01	1.282e+02	-1.668e+02
El: 3 56 - C.c:	-1.440e+01	1.440e+01	4.747e+00	5.031e+00	-1.826e-01	1.826e-01	-1.292e+00	1.292e+00	8.532e+00	2.433e+01	1.347e+02	-1.602e+02
El: 4 56 - C.c:	-2.600e+01	2.600e+01	6.714e+00	5.997e+00	-6.159e-01	6.159e-01	-1.355e+00	1.355e+00	4.423e+01	6.664e+01	2.236e+02	-1.591e+02
El: 5 56 - C.c:	-2.188e+01	2.188e+01	6.123e+00	6.588e+00	-3.773e-01	3.773e-01	-3.631e+00	3.631e+00	1.896e+01	4.895e+01	1.708e+02	-2.127e+02
El: 6 56 - C.c:	-1.556e+01	1.556e+01	6.219e+00	6.492e+00	-9.743e-02	9.743e-02	2.720e-01	-2.720e-01	3.225e+00	1.431e+01	1.794e+02	-2.039e+02
El: 7 56 - C.c:	-1.925e+01	1.925e+01	5.109e+00	4.669e+00	-4.350e-01	4.350e-01	-1.075e+00	1.075e+00	3.062e+01	4.767e+01	1.670e+02	-1.274e+02
El: 8 56 - C.c:	-1.650e+01	1.650e+01	4.715e+00	5.063e+00	-2.759e-01	2.759e-01	-2.593e+00	2.593e+00	1.378e+01	3.588e+01	1.318e+02	-1.632e+02
El: 9 56 - C.c:	-1.229e+01	1.229e+01	4.779e+00	4.999e+00	-8.930e-02	8.930e-02	9.101e-03	-9.101e-03	3.287e+00	1.279e+01	1.376e+02	-1.573e+02
El: 10 56 - C.c:	-1.925e+01	1.925e+01	5.109e+00	4.669e+00	-4.350e-01	4.350e-01	-1.075e+00	1.075e+00	3.062e+01	4.767e+01	1.670e+02	-1.274e+02
El: 11 56 - C.c:	-1.650e+01	1.650e+01	4.715e+00	5.063e+00	-2.759e-01	2.759e-01	-2.593e+00	2.593e+00	1.378e+01	3.588e+01	1.318e+02	-1.632e+02
El: 12 56 - C.c:	-1.229e+01	1.229e+01	4.779e+00	4.999e+00	-8.930e-02	8.930e-02	9.101e-03	-9.101e-03	3.287e+00	1.279e+01	1.376e+02	-1.573e+02
El: 13 56 - C.c:	-7.060e+00	7.060e+00	5.133e+00	7.578e+00	-7.390e-01	7.390e-01	3.925e+00	-3.925e+00	6.761e+01	6.541e+01	6.422e+01	-2.843e+02
El: 1 57 - C.c:	-6.512e+00	6.512e+00	4.009e+00	5.769e+00	-6.192e-01	6.192e-01	3.226e+00	-3.226e+00	5.662e+01	5.485e+01	5.503e+01	-2.134e+02
El: 2 57 - C.c:	-1.214e+01	1.214e+01	4.324e+00	5.454e+00	-8.832e-01	8.832e-01	4.302e+00	-4.302e+00	8.058e+01	7.840e+01	8.433e+01	-1.860e+02
El: 3 57 - C.c:	-1.354e+01	1.354e+01	4.402e+00	5.375e+00	-9.492e-01	9.492e-01	4.571e+00	-4.571e+00	8.657e+01	8.429e+01	9.165e+01	-1.792e+02
El: 4 57 - C.c:	-2.815e+01	2.815e+01	6.313e+00	6.398e+00	-1.729e+00	1.729e+00	7.960e+00	-7.960e+00	1.575e+02	1.537e+02	1.741e+02	-1.816e+02
El: 5 57 - C.c:	-1.989e+01	1.989e+01	5.654e+00	7.057e+00	-1.774e+00	1.774e+00	2.037e+00	-2.037e+00	1.603e+02	1.591e+02	1.122e+02	-2.385e+02
El: 6 57 - C.c:	-1.532e+01	1.532e+01	5.793e+00	6.918e+00	-6.934e-01	6.934e-01	9.847e+00	-9.847e+00	6.482e+01	6.000e+01	1.261e+02	-2.274e+02
El: 7 57 - C.c:	-2.057e+01	2.057e+01	4.796e+00	4.982e+00	-1.279e+00	1.279e+00	5.916e+00	-5.916e+00	1.165e+02	1.137e+02	1.283e+02	-1.450e+02
El: 8 57 - C.c:	-1.507e+01	1.507e+01	4.356e+00	5.421e+00	-1.310e+00	1.310e+00	1.968e+00	-1.968e+00	1.184e+02	1.173e+02	8.700e+01	-1.829e+02
El: 9 57 - C.c:	-1.202e+01	1.202e+01	4.449e+00	5.329e+00	-5.889e-01	5.889e-01	7.174e+00	-7.174e+00	5.475e+01	5.124e+01	9.630e+01	-1.755e+02
El: 10 57 - C.c:	-2.057e+01	2.057e+01	4.796e+00	4.982e+00	-1.279e+00	1.279e+00	5.916e+00	-5.916e+00	1.165e+02	1.137e+02	1.283e+02	-1.450e+02
El: 11 57 - C.c:	-1.507e+01	1.507e+01	4.356e+00	5.421e+00	-1.310e+00	1.310e+00	1.968e+00	-1.968e+00	1.184e+02	1.173e+02	8.700e+01	-1.829e+02
El: 12 57 - C.c:	-1.202e+01	1.202e+01	4.449e+00	5.329e+00	-5.889e-01	5.889e-01	7.174e+00	-7.174e+00	5.475e+01	5.124e+01	9.630e+01	-1.755e+02
El: 13 57 - C.c:	-5.277e+01	5.277e+01	2.001e+02	1.938e+02	-1.808e+00	1.808e+00	1.729e+01	-1.729e+01	9.801e+01	1.009e+02	2.985e+03	-2.640e+03
El: 1 58 - C.c:	-4.060e+01	4.060e+01	1.539e+02	1.491e+02	-1.264e+00	1.264e+00	1.215e+01	-1.215e+01	6.834e+01	7.070e+01	2.296e+03	-2.031e+03
El: 2 58 - C.c:												

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
El: 3 58 - C.c:	-4.059e+01	4.059e+01	1.539e+02	1.491e+02	-6.041e-01	6.041e-01	6.170e+00	-6.170e+00	3.168e+01	3.478e+01	2.295e+03	-2.031e+03
El: 4 58 - C.c:	-4.059e+01	4.059e+01	1.539e+02	1.491e+02	-4.392e-01	4.392e-01	4.674e+00	-4.674e+00	2.251e+01	2.579e+01	2.295e+03	-2.031e+03
El: 5 58 - C.c:	-5.276e+01	5.276e+01	2.000e+02	1.938e+02	6.664e-01	-6.664e-01	-5.141e+00	5.141e+00	-3.947e+01	-3.383e+01	2.983e+03	-2.640e+03
El: 6 58 - C.c:	-6.006e+01	6.006e+01	1.974e+02	1.964e+02	-1.053e+00	1.053e+00	7.037e+00	-7.037e+00	5.630e+01	5.957e+01	2.758e+03	-2.703e+03
El: 7 58 - C.c:	-4.548e+01	4.548e+01	2.027e+02	1.912e+02	-8.843e-02	8.843e-02	5.116e+00	-5.116e+00	2.234e+00	7.494e+00	3.210e+03	-2.577e+03
El: 8 58 - C.c:	-4.058e+01	4.058e+01	1.539e+02	1.491e+02	3.857e-01	-3.857e-01	-2.804e+00	2.804e+00	-2.331e+01	-1.912e+01	2.295e+03	-2.031e+03
El: 9 58 - C.c:	-4.545e+01	4.545e+01	1.521e+02	1.508e+02	-7.608e-01	7.608e-01	5.315e+00	-5.315e+00	4.054e+01	4.315e+01	2.145e+03	-2.073e+03
El: 10 58 - C.c:	-3.573e+01	3.573e+01	1.556e+02	1.473e+02	-1.175e-01	1.175e-01	4.034e+00	-4.034e+00	4.491e+00	8.435e+00	2.446e+03	-1.989e+03
El: 11 58 - C.c:	-4.058e+01	4.058e+01	1.539e+02	1.491e+02	3.857e-01	-3.857e-01	-2.804e+00	2.804e+00	-2.331e+01	-1.912e+01	2.295e+03	-2.031e+03
El: 12 58 - C.c:	-4.545e+01	4.545e+01	1.521e+02	1.508e+02	-7.608e-01	7.608e-01	5.315e+00	-5.315e+00	4.054e+01	4.315e+01	2.145e+03	-2.073e+03
El: 13 58 - C.c:	-3.573e+01	3.573e+01	1.556e+02	1.473e+02	-1.175e-01	1.175e-01	4.034e+00	-4.034e+00	4.491e+00	8.435e+00	2.446e+03	-1.989e+03
El: 1 59 - C.c:	-5.263e+01	5.263e+01	1.996e+02	1.943e+02	-1.296e+00	1.296e+00	1.464e+01	-1.464e+01	7.216e+01	7.046e+01	2.943e+03	-2.650e+03
El: 2 59 - C.c:	-4.049e+01	4.049e+01	1.535e+02	1.494e+02	-8.686e-01	8.686e-01	1.009e+01	-1.009e+01	4.832e+01	4.722e+01	2.264e+03	-2.039e+03
El: 3 59 - C.c:	-4.048e+01	4.048e+01	1.535e+02	1.494e+02	-1.992e-01	1.992e-01	4.018e+00	-4.018e+00	1.099e+01	1.092e+01	2.264e+03	-2.039e+03
El: 4 59 - C.c:	-4.048e+01	4.048e+01	1.535e+02	1.494e+02	-3.180e-02	3.180e-02	2.500e+00	-2.500e+00	1.655e+00	1.842e+00	2.264e+03	-2.038e+03
El: 5 59 - C.c:	-5.262e+01	5.262e+01	1.996e+02	1.943e+02	1.214e+00	-1.214e+00	-8.136e+00	8.136e+00	-6.785e+01	-6.567e+01	2.944e+03	-2.650e+03
El: 6 59 - C.c:	-6.047e+01	6.047e+01	1.967e+02	1.972e+02	-1.597e-01	1.597e-01	4.233e+00	-4.233e+00	8.562e+00	9.004e+00	2.701e+03	-2.727e+03
El: 7 59 - C.c:	-4.478e+01	4.478e+01	2.025e+02	1.914e+02	7.702e-02	-7.702e-02	2.266e+00	-2.266e+00	-4.259e+00	-4.214e+00	3.186e+03	-2.573e+03
El: 8 59 - C.c:	-4.048e+01	4.048e+01	1.535e+02	1.494e+02	8.050e-01	-8.050e-01	-5.091e+00	5.091e+00	-4.501e+01	-4.353e+01	2.265e+03	-2.038e+03
El: 9 59 - C.c:	-4.571e+01	4.571e+01	1.516e+02	1.514e+02	-1.107e-01	1.107e-01	3.156e+00	-3.156e+00	5.929e+00	6.248e+00	2.103e+03	-2.090e+03
El: 10 59 - C.c:	-3.525e+01	3.525e+01	1.555e+02	1.475e+02	4.711e-02	-4.711e-02	1.844e+00	-1.844e+00	-2.619e+00	-2.563e+00	2.426e+03	-1.987e+03
El: 11 59 - C.c:	-4.048e+01	4.048e+01	1.535e+02	1.494e+02	8.050e-01	-8.050e-01	-5.091e+00	5.091e+00	-4.501e+01	-4.353e+01	2.265e+03	-2.038e+03
El: 12 59 - C.c:	-4.571e+01	4.571e+01	1.516e+02	1.514e+02	-1.107e-01	1.107e-01	3.156e+00	-3.156e+00	5.929e+00	6.248e+00	2.103e+03	-2.090e+03
El: 13 59 - C.c:	-3.525e+01	3.525e+01	1.555e+02	1.475e+02	4.711e-02	-4.711e-02	1.844e+00	-1.844e+00	-2.619e+00	-2.563e+00	2.426e+03	-1.987e+03
El: 1 60 - C.c:	-5.327e+01	5.327e+01	1.996e+02	1.943e+02	-9.910e-01	9.910e-01	1.227e+01	-1.227e+01	5.692e+01	5.209e+01	2.953e+03	-2.658e+03
El: 2 60 - C.c:	-4.098e+01	4.098e+01	1.536e+02	1.494e+02	-6.352e-01	6.352e-01	8.257e+00	-8.257e+00	3.671e+01	3.315e+01	2.272e+03	-2.045e+03
El: 3 60 - C.c:	-4.098e+01	4.098e+01	1.536e+02	1.494e+02	2.612e-02	-2.612e-02	2.109e+00	-2.109e+00	-5.827e-02	-2.815e+00	2.273e+03	-2.044e+03
El: 4 60 - C.c:	-4.098e+01	4.098e+01	1.536e+02	1.494e+02	1.914e-01	-1.914e-01	5.723e-01	-5.723e-01	-9.252e+00	-1.181e+01	2.273e+03	-2.044e+03
El: 5 60 - C.c:	-5.328e+01	5.328e+01	1.997e+02	1.942e+02	1.489e+00	-1.489e+00	-1.078e+01	1.078e+01	-8.098e+01	-8.279e+01	2.957e+03	-2.656e+03
El: 6 60 - C.c:	-6.100e+01	6.100e+01	1.966e+02	1.972e+02	2.587e-01	-2.587e-01	1.825e+00	-1.825e+00	-1.334e+01	-1.511e+01	2.703e+03	-2.737e+03
El: 7 60 - C.c:	-4.555e+01	4.555e+01	2.027e+02	1.912e+02	2.390e-01	-2.390e-01	-3.371e-01	3.371e-01	-1.071e+01	-1.558e+01	3.208e+03	-2.577e+03
El: 8 60 - C.c:	-4.098e+01	4.098e+01	1.536e+02	1.494e+02	1.018e+00	-1.018e+00	-7.112e+00	7.112e+00	-5.522e+01	-5.677e+01	2.275e+03	-2.044e+03
El: 9 60 - C.c:	-4.613e+01	4.613e+01	1.516e+02	1.514e+02	1.980e-01	-1.980e-01	1.293e+00	-1.293e+00	-1.013e+01	-1.165e+01	2.105e+03	-2.097e+03
El: 10 60 - C.c:	-3.583e+01	3.583e+01	1.556e+02	1.474e+02	1.849e-01	-1.849e-01	-1.484e-01	1.484e-01	-8.373e+00	-1.196e+01	2.441e+03	-1.991e+03
El: 11 60 - C.c:	-4.098e+01	4.098e+01	1.536e+02	1.494e+02	1.018e+00	-1.018e+00	-7.112e+00	7.112e+00	-5.522e+01	-5.677e+01	2.275e+03	-2.044e+03
El: 12 60 - C.c:	-4.613e+01	4.613e+01	1.516e+02	1.514e+02	1.980e-01	-1.980e-01	1.293e+00	-1.293e+00	-1.013e+01	-1.165e+01	2.105e+03	-2.097e+03
El: 13 60 - C.c:	-3.583e+01	3.583e+01	1.556e+02	1.474e+02	1.849e-01	-1.849e-01	-1.484e-01	1.484e-01	-8.373e+00	-1.196e+01	2.441e+03	-1.991e+03
El: 1 61 - C.c:	-5.273e+01	5.273e+01	2.001e+02	1.938e+02	-5.418e-01	5.418e-01	1.275e+01	-1.275e+01	3.189e+01	2.771e+01	2.987e+03	-2.639e+03
El: 2 61 - C.c:	-4.056e+01	4.056e+01	1.539e+02	1.490e+02	-2.909e-01	2.909e-01	8.619e+00	-8.619e+00	1.752e+01	1.448e+01	2.298e+03	-2.030e+03
El: 61 - C.c:	-4.055e+01	4.055e+01	1.539e+02	1.490e+02	3.636e-01	-3.636e-01	2.457e+00	-2.457e+00	-1.894e+01	-2.106e+01	2.300e+03	-2.029e+03

COMUNE DI PRAIANO c_g976 0007193 Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 Ingresso 09/09/2024 12:39

Elem./C.c.	Fx/I	Fx/J	Fy/I	Fy/J	Fz/I	Fz/J	Mx/I	Mx/J	My/I	My/J	Mz/I	Mz/J
3												
El: 61 - C.c: 4	-4.055e+01	4.055e+01	1.540e+02	1.490e+02	5.272e-01	-5.272e-01	9.162e-01	-9.162e-01	-2.805e+01	-2.994e+01	2.300e+03	-2.029e+03
El: 61 - C.c: 5	-5.271e+01	5.271e+01	2.002e+02	1.937e+02	1.912e+00	-1.912e+00	-1.036e+01	1.036e+01	-1.048e+02	-1.056e+02	2.993e+03	-2.636e+03
El: 61 - C.c: 6	-6.019e+01	6.019e+01	1.974e+02	1.965e+02	1.026e+00	-1.026e+00	2.432e+00	-2.432e+00	-5.554e+01	-5.727e+01	2.754e+03	-2.705e+03
El: 61 - C.c: 7	-4.524e+01	4.524e+01	2.029e+02	1.910e+02	3.451e-01	-3.451e-01	-4.988e-02	4.988e-02	-1.738e+01	-2.057e+01	3.226e+03	-2.570e+03
El: 61 - C.c: 8	-4.054e+01	4.054e+01	1.540e+02	1.490e+02	1.345e+00	-1.345e+00	-6.787e+00	6.787e+00	-7.361e+01	-7.436e+01	2.302e+03	-2.028e+03
El: 61 - C.c: 9	-4.553e+01	4.553e+01	1.521e+02	1.509e+02	7.540e-01	-7.540e-01	1.744e+00	-1.744e+00	-4.077e+01	-4.217e+01	2.143e+03	-2.074e+03
El: 61 - C.c: 10	-3.557e+01	3.557e+01	1.558e+02	1.472e+02	3.003e-01	-3.003e-01	8.891e-02	-8.891e-02	-1.533e+01	-1.771e+01	2.457e+03	-1.984e+03
El: 61 - C.c: 11	-4.054e+01	4.054e+01	1.540e+02	1.490e+02	1.345e+00	-1.345e+00	-6.787e+00	6.787e+00	-7.361e+01	-7.436e+01	2.302e+03	-2.028e+03
El: 61 - C.c: 12	-4.553e+01	4.553e+01	1.521e+02	1.509e+02	7.540e-01	-7.540e-01	1.744e+00	-1.744e+00	-4.077e+01	-4.217e+01	2.143e+03	-2.074e+03
El: 61 - C.c: 13	-3.557e+01	3.557e+01	1.558e+02	1.472e+02	3.003e-01	-3.003e-01	8.891e-02	-8.891e-02	-1.533e+01	-1.771e+01	2.457e+03	-1.984e+03
El: 62 - C.c: 1	-5.067e+01	5.067e+01	2.018e+02	1.920e+02	9.581e-01	-9.581e-01	1.098e+01	-1.098e+01	-4.783e+01	-5.756e+01	3.105e+03	-2.568e+03
El: 62 - C.c: 2	-3.896e+01	3.896e+01	1.552e+02	1.477e+02	8.740e-01	-8.740e-01	7.298e+00	-7.298e+00	-4.438e+01	-5.176e+01	2.389e+03	-1.975e+03
El: 62 - C.c: 3	-3.890e+01	3.890e+01	1.553e+02	1.477e+02	1.586e+00	-1.586e+00	1.312e+00	-1.312e+00	-8.381e+01	-9.067e+01	2.391e+03	-1.975e+03
El: 62 - C.c: 4	-3.889e+01	3.889e+01	1.553e+02	1.477e+02	1.764e+00	-1.764e+00	-1.849e-01	1.849e-01	-9.366e+01	-1.004e+02	2.391e+03	-1.975e+03
El: 62 - C.c: 5	-5.043e+01	5.043e+01	2.019e+02	1.920e+02	3.629e+00	-3.629e+00	-1.147e+01	1.147e+01	-1.957e+02	-2.035e+02	3.112e+03	-2.569e+03
El: 62 - C.c: 6	-5.691e+01	5.691e+01	2.001e+02	1.938e+02	3.387e+00	-3.387e+00	1.024e+00	-1.024e+00	-1.809e+02	-1.916e+02	2.938e+03	-2.591e+03
El: 62 - C.c: 7	-4.420e+01	4.420e+01	2.036e+02	1.903e+02	1.200e+00	-1.200e+00	-1.505e+00	1.505e+00	-6.261e+01	-6.940e+01	3.279e+03	-2.545e+03
El: 62 - C.c: 8	-3.881e+01	3.881e+01	1.553e+02	1.477e+02	2.654e+00	-2.654e+00	-7.668e+00	7.668e+00	-1.430e+02	-1.490e+02	2.394e+03	-1.976e+03
El: 62 - C.c: 9	-4.312e+01	4.312e+01	1.541e+02	1.489e+02	2.493e+00	-2.493e+00	6.583e-01	-6.583e-01	-1.331e+02	-1.411e+02	2.278e+03	-1.991e+03
El: 62 - C.c: 10	-3.465e+01	3.465e+01	1.564e+02	1.465e+02	1.035e+00	-1.035e+00	-1.028e+00	1.028e+00	-5.423e+01	-5.965e+01	2.505e+03	-1.960e+03
El: 62 - C.c: 11	-3.881e+01	3.881e+01	1.553e+02	1.477e+02	2.654e+00	-2.654e+00	-7.668e+00	7.668e+00	-1.430e+02	-1.490e+02	2.394e+03	-1.976e+03
El: 62 - C.c: 12	-4.312e+01	4.312e+01	1.541e+02	1.489e+02	2.493e+00	-2.493e+00	6.583e-01	-6.583e-01	-1.331e+02	-1.411e+02	2.278e+03	-1.991e+03
El: 62 - C.c: 13	-3.465e+01	3.465e+01	1.564e+02	1.465e+02	1.035e+00	-1.035e+00	-1.028e+00	1.028e+00	-5.423e+01	-5.965e+01	2.505e+03	-1.960e+03
El: 63 - C.c: 1	-5.014e+01	5.014e+01	2.046e+02	1.893e+02	9.666e-01	-9.666e-01	3.284e+01	-3.284e+01	-5.124e+01	-5.509e+01	3.326e+03	-2.487e+03
El: 63 - C.c: 2	-3.834e+01	3.834e+01	1.573e+02	1.456e+02	8.746e-01	-8.746e-01	2.388e+01	-2.388e+01	-4.679e+01	-4.942e+01	2.559e+03	-1.915e+03
El: 63 - C.c: 3	-3.715e+01	3.715e+01	1.573e+02	1.457e+02	1.556e+00	-1.556e+00	1.666e+01	-1.666e+01	-8.513e+01	-8.605e+01	2.560e+03	-1.922e+03
El: 63 - C.c: 4	-3.685e+01	3.685e+01	1.573e+02	1.457e+02	1.727e+00	-1.727e+00	1.486e+01	-1.486e+01	-9.472e+01	-9.521e+01	2.561e+03	-1.923e+03
El: 63 - C.c: 5	-4.566e+01	4.566e+01	2.044e+02	1.895e+02	3.523e+00	-3.523e+00	5.787e+00	-5.787e+00	-1.950e+02	-1.924e+02	3.331e+03	-2.514e+03
El: 63 - C.c: 6	-5.222e+01	5.222e+01	2.050e+02	1.889e+02	3.642e+00	-3.642e+00	2.283e+01	-2.283e+01	-2.017e+02	-1.990e+02	3.308e+03	-2.425e+03
El: 63 - C.c: 7	-4.358e+01	4.358e+01	2.040e+02	1.899e+02	8.469e-01	-8.469e-01	1.580e+01	-1.580e+01	-4.460e+01	-4.856e+01	3.349e+03	-2.576e+03
El: 63 - C.c: 8	-3.535e+01	3.535e+01	1.572e+02	1.458e+02	2.579e+00	-2.579e+00	5.839e+00	-5.839e+00	-1.426e+02	-1.410e+02	2.562e+03	-1.932e+03
El: 63 - C.c: 9	-3.973e+01	3.973e+01	1.576e+02	1.454e+02	2.658e+00	-2.658e+00	1.720e+01	-1.720e+01	-1.471e+02	-1.453e+02	2.547e+03	-1.873e+03
El: 63 - C.c: 10	-3.397e+01	3.397e+01	1.569e+02	1.460e+02	7.948e-01	-7.948e-01	1.252e+01	-1.252e+01	-4.236e+01	-4.507e+01	2.574e+03	-1.974e+03
El: 63 - C.c: 11	-3.535e+01	3.535e+01	1.572e+02	1.458e+02	2.579e+00	-2.579e+00	5.839e+00	-5.839e+00	-1.426e+02	-1.410e+02	2.562e+03	-1.932e+03
El: 63 - C.c: 12	-3.973e+01	3.973e+01	1.576e+02	1.454e+02	2.658e+00	-2.658e+00	1.720e+01	-1.720e+01	-1.471e+02	-1.453e+02	2.547e+03	-1.873e+03
El: 63 - C.c: 13	-3.397e+01	3.397e+01	1.569e+02	1.460e+02	7.948e-01	-7.948e-01	1.252e+01	-1.252e+01	-4.236e+01	-4.507e+01	2.574e+03	-1.974e+03

COMUNE DI PRAIANO cc_g976 0007113 Uscita 07/08/2025 15:08
COMUNE DI PRAIANO cc_g976 0007619 Ingresso 09/09/2024 12:39

REAZIONI VINCOLARI STATICA

FORZE MOMENTI PER GRUPPI VINCOLO

GRUPPO NUMERO: 1 - DESCRIZIONE: VINCOLI PROFONDI

Nodo	c.c.	FX	FY	FZ	MX	MY	MZ
1	1	-8.608e+00	+9.322e+00	+4.180e+02	-5.530e+01	-9.037e+02	+1.357e+02
1	2	-5.480e+00	+7.524e+00	+3.227e+02	-4.297e+01	-6.789e+02	+1.006e+02
1	3	+4.575e-01	+9.358e+00	+3.286e+02	-4.524e+01	-5.945e+02	+8.063e+01
1	4	+1.942e+00	+9.817e+00	+3.301e+02	-4.580e+01	-5.734e+02	+7.565e+01
1	5	+1.366e+01	+1.620e+01	+4.403e+02	-6.379e+01	-5.870e+02	+6.097e+01
1	6	+1.283e+00	-1.817e-01	+4.146e+02	-2.429e+01	-7.568e+02	+9.739e+01
1	7	+3.765e+00	+2.571e+01	+4.438e+02	-9.480e+01	-7.339e+02	+9.929e+01
1	8	+9.363e+00	+1.211e+01	+3.375e+02	-4.864e+01	-4.678e+02	+5.073e+01
1	9	+1.115e+00	+1.188e+00	+3.204e+02	-2.230e+01	-5.810e+02	+7.501e+01
1	10	+2.769e+00	+1.845e+01	+3.399e+02	-6.931e+01	-5.657e+02	+7.628e+01
1	11	+9.363e+00	+1.211e+01	+3.375e+02	-4.864e+01	-4.678e+02	+5.073e+01
1	12	+1.115e+00	+1.188e+00	+3.204e+02	-2.230e+01	-5.810e+02	+7.501e+01
1	13	+2.769e+00	+1.845e+01	+3.399e+02	-6.931e+01	-5.657e+02	+7.628e+01
2	1	-4.715e+00	-1.444e+01	+4.197e+02	+4.957e+02	-1.919e+02	-4.753e+00
2	2	-3.235e+00	-1.110e+01	+3.223e+02	+3.812e+02	-1.324e+02	-3.901e+00
2	3	-1.197e+00	-1.110e+01	+3.193e+02	+3.806e+02	-5.324e+01	-5.171e+00
2	4	-6.876e-01	-1.110e+01	+3.186e+02	+3.805e+02	-3.345e+01	-5.489e+00
2	5	+2.928e+00	-1.441e+01	+4.087e+02	+4.935e+02	+1.050e+02	-9.518e+00
2	6	-1.153e+00	-1.598e+01	+4.277e+02	+5.233e+02	-5.758e+01	-9.151e+00
2	7	-6.350e-01	-1.287e+01	+4.007e+02	+4.659e+02	-2.938e+01	-5.120e+00
2	8	+1.860e+00	-1.109e+01	+3.149e+02	+3.798e+02	+6.553e+01	-7.077e+00
2	9	-8.602e-01	-1.213e+01	+3.276e+02	+3.996e+02	-4.285e+01	-6.833e+00
2	10	-5.150e-01	-1.006e+01	+3.096e+02	+3.614e+02	-2.405e+01	-4.145e+00
2	11	+1.860e+00	-1.109e+01	+3.149e+02	+3.798e+02	+6.553e+01	-7.077e+00
2	12	-8.602e-01	-1.213e+01	+3.276e+02	+3.996e+02	-4.285e+01	-6.833e+00
2	13	-5.150e-01	-1.006e+01	+3.096e+02	+3.614e+02	-2.405e+01	-4.145e+00
3	1	+4.046e+00	-1.522e+01	+8.136e+02	+5.461e+02	+9.783e+01	+2.149e+00
3	2	+3.535e+00	-1.167e+01	+6.259e+02	+4.176e+02	+9.151e+01	+7.919e-01
3	3	+5.732e+00	-1.145e+01	+6.259e+02	+4.050e+02	+1.760e+02	-3.688e+00
3	4	+6.281e+00	-1.139e+01	+6.259e+02	+4.019e+02	+1.971e+02	-4.808e+00
3	5	+1.228e+01	-1.439e+01	+8.138e+02	+4.988e+02	+4.147e+02	-1.465e+01
3	6	+7.884e+00	-1.744e+01	+8.140e+02	+6.065e+02	+2.414e+02	-6.573e+00
3	7	+8.447e+00	-1.218e+01	+8.135e+02	+4.384e+02	+2.712e+02	-5.929e+00
3	8	+9.027e+00	-1.111e+01	+6.260e+02	+3.861e+02	+3.027e+02	-1.041e+01
3	9	+6.094e+00	-1.314e+01	+6.261e+02	+4.579e+02	+1.872e+02	-5.023e+00
3	10	+6.469e+00	-9.639e+00	+6.258e+02	+3.458e+02	+2.071e+02	-4.593e+00
3	11	+9.027e+00	-1.111e+01	+6.260e+02	+3.861e+02	+3.027e+02	-1.041e+01
3	12	+6.094e+00	-1.314e+01	+6.261e+02	+4.579e+02	+1.872e+02	-5.023e+00
3	13	+6.469e+00	-9.639e+00	+6.258e+02	+3.458e+02	+2.071e+02	-4.593e+00
4	1	+2.558e+00	+1.451e+01	+7.494e+02	-4.385e+02	+2.692e+01	-1.310e+01
4	2	+2.305e+00	+1.119e+01	+5.765e+02	-3.396e+02	+3.256e+01	-1.025e+01
4	3	+4.060e+00	+1.139e+01	+5.765e+02	-3.513e+02	+9.423e+01	-1.115e+01
4	4	+4.498e+00	+1.144e+01	+5.765e+02	-3.542e+02	+1.097e+02	-1.138e+01
4	5	+9.137e+00	+1.523e+01	+7.495e+02	-4.824e+02	+2.582e+02	-1.648e+01
4	6	+5.734e+00	+1.241e+01	+7.493e+02	-3.819e+02	+1.369e+02	-1.391e+01
4	7	+5.961e+00	+1.733e+01	+7.496e+02	-5.390e+02	+1.481e+02	-1.567e+01
4	8	+6.691e+00	+1.168e+01	+5.765e+02	-3.688e+02	+1.867e+02	-1.250e+01
4	9	+4.422e+00	+9.796e+00	+5.764e+02	-3.018e+02	+1.059e+02	-1.079e+01
4	10	+4.574e+00	+1.308e+01	+5.766e+02	-4.066e+02	+1.134e+02	-1.196e+01
4	11	+6.691e+00	+1.168e+01	+5.765e+02	-3.688e+02	+1.867e+02	-1.250e+01
4	12	+4.422e+00	+9.796e+00	+5.764e+02	-3.018e+02	+1.059e+02	-1.079e+01
4	13	+4.574e+00	+1.308e+01	+5.766e+02	-4.066e+02	+1.134e+02	-1.196e+01
5	1	-1.992e+01	+1.265e+01	+6.304e+02	-5.872e+01	-7.139e+02	+2.236e+02
5	2	-1.490e+01	+9.426e+00	+4.838e+02	-4.483e+01	-5.327e+02	+1.676e+02

Fascicolo dei Calcoli
(Par. 10.1. Caratteristiche generali – D.M. Infrastrutture 17 gennaio 2018)

Nodo	c.c.	FX	FY	FZ	MX	MY	MZ
5	3	-1.269e+01	+7.858e+00	+4.778e+02	-4.309e+01	-4.470e+02	+1.446e+02
5	4	-1.214e+01	+7.466e+00	+4.763e+02	-4.266e+01	-4.256e+02	+1.389e+02
5	5	-1.165e+01	+6.767e+00	+6.080e+02	-5.220e+01	-3.927e+02	+1.375e+02
5	6	-1.601e+01	-1.736e+01	+5.799e+02	-1.253e+01	-5.646e+02	+1.870e+02
5	7	-1.556e+01	+3.678e+01	+6.585e+02	-9.838e+01	-5.419e+02	+1.741e+02
5	8	-9.386e+00	+5.507e+00	+4.688e+02	-4.049e+01	-3.185e+02	+1.102e+02
5	9	-1.229e+01	-1.058e+01	+4.501e+02	-1.404e+01	-4.331e+02	+1.432e+02
5	10	-1.199e+01	+2.551e+01	+5.025e+02	-7.128e+01	-4.180e+02	+1.346e+02
5	11	-9.386e+00	+5.507e+00	+4.688e+02	-4.049e+01	-3.185e+02	+1.102e+02
5	12	-1.229e+01	-1.058e+01	+4.501e+02	-1.404e+01	-4.331e+02	+1.432e+02
5	13	-1.199e+01	+2.551e+01	+5.025e+02	-7.128e+01	-4.180e+02	+1.346e+02
6	1	+3.912e+00	+3.496e-01	+3.100e+02	+3.105e+01	+4.567e+01	+1.588e+01
6	2	+3.624e+00	+3.143e-01	+2.385e+02	+2.136e+01	+6.233e+01	+1.051e+01
6	3	+6.818e+00	+5.504e-01	+2.385e+02	+8.233e+00	+2.037e+02	+1.639e+00
6	4	+7.616e+00	+6.094e-01	+2.385e+02	+4.952e+00	+2.391e+02	-5.794e-01
6	5	+1.589e+01	+1.235e+00	+3.101e+02	-1.817e+01	+5.760e+02	-1.739e+01
6	6	+9.827e+00	-1.709e+00	+3.106e+02	+8.630e+01	+3.080e+02	+2.522e+00
6	7	+9.975e+00	+3.294e+00	+3.096e+02	-7.343e+01	+3.136e+02	-4.029e+00
6	8	+1.161e+01	+9.044e-01	+2.386e+02	-1.145e+01	+4.158e+02	-1.167e+01
6	9	+7.567e+00	-1.058e+00	+2.389e+02	+5.820e+01	+2.372e+02	+1.604e+00
6	10	+7.665e+00	+2.277e+00	+2.382e+02	-4.829e+01	+2.409e+02	-2.763e+00
6	11	+1.161e+01	+9.044e-01	+2.386e+02	-1.145e+01	+4.158e+02	-1.167e+01
6	12	+7.567e+00	-1.058e+00	+2.389e+02	+5.820e+01	+2.372e+02	+1.604e+00
6	13	+7.665e+00	+2.277e+00	+2.382e+02	-4.829e+01	+2.409e+02	-2.763e+00
7	1	-1.547e+01	-1.807e+01	+7.382e+02	+6.595e+02	-5.948e+02	-1.562e+01
7	2	-1.127e+01	-1.389e+01	+5.678e+02	+5.073e+02	-4.298e+02	-1.262e+01
7	3	-8.020e+00	-1.388e+01	+5.672e+02	+5.072e+02	-2.857e+02	-1.579e+01
7	4	-7.207e+00	-1.388e+01	+5.671e+02	+5.072e+02	-2.497e+02	-1.658e+01
7	5	-3.268e+00	-1.801e+01	+7.361e+02	+6.594e+02	-5.447e+01	-2.750e+01
7	6	-9.505e+00	-1.980e+01	+7.374e+02	+6.990e+02	-3.309e+02	-2.636e+01
7	7	-9.233e+00	-1.628e+01	+7.370e+02	+6.198e+02	-3.183e+02	-1.676e+01
7	8	-3.140e+00	-1.386e+01	+5.664e+02	+5.072e+02	-6.961e+01	-2.054e+01
7	9	-7.298e+00	-1.505e+01	+5.672e+02	+5.337e+02	-2.539e+02	-1.978e+01
7	10	-7.116e+00	-1.270e+01	+5.670e+02	+4.808e+02	-2.455e+02	-1.338e+01
7	11	-3.140e+00	-1.386e+01	+5.664e+02	+5.072e+02	-6.961e+01	-2.054e+01
7	12	-7.298e+00	-1.505e+01	+5.672e+02	+5.337e+02	-2.539e+02	-1.978e+01
7	13	-7.116e+00	-1.270e+01	+5.670e+02	+4.808e+02	-2.455e+02	-1.338e+01
8	1	+2.871e+01	+4.938e+00	+1.196e+03	-7.799e+01	-7.858e+02	+1.347e+02
8	2	+2.352e+01	+3.799e+00	+9.217e+02	-6.037e+01	-5.886e+02	+1.029e+02
8	3	+3.100e+01	+3.804e+00	+9.308e+02	-6.237e+01	-5.059e+02	+9.921e+01
8	4	+3.288e+01	+3.805e+00	+9.330e+02	-6.287e+01	-4.852e+02	+9.829e+01
8	5	+5.676e+01	+4.956e+00	+1.230e+03	-8.547e+01	-4.757e+02	+1.208e+02
8	6	+4.083e+01	+2.841e+00	+1.250e+03	-1.495e+00	-6.348e+02	+7.707e+01
8	7	+4.465e+01	+7.053e+00	+1.175e+03	-1.620e+02	-6.267e+02	+1.785e+02
8	8	+4.223e+01	+3.811e+00	+9.443e+02	-6.537e+01	-3.818e+02	+9.365e+01
8	9	+3.160e+01	+2.401e+00	+9.581e+02	-9.379e+00	-4.879e+02	+6.448e+01
8	10	+3.415e+01	+5.209e+00	+9.080e+02	-1.164e+02	-4.825e+02	+1.321e+02
8	11	+4.223e+01	+3.811e+00	+9.443e+02	-6.537e+01	-3.818e+02	+9.365e+01
8	12	+3.160e+01	+2.401e+00	+9.581e+02	-9.379e+00	-4.879e+02	+6.448e+01
8	13	+3.415e+01	+5.209e+00	+9.080e+02	-1.164e+02	-4.825e+02	+1.321e+02
9	1	+5.021e+01	+3.962e+00	+4.694e+02	+2.491e+02	-5.194e+02	+9.821e+01
9	2	+3.985e+01	+3.053e+00	+3.608e+02	+1.911e+02	-3.827e+02	+7.497e+01
9	3	+4.624e+01	+3.082e+00	+3.594e+02	+1.883e+02	-2.952e+02	+7.199e+01
9	4	+4.783e+01	+3.090e+00	+3.591e+02	+1.876e+02	-2.733e+02	+7.125e+01
9	5	+7.416e+01	+4.071e+00	+4.643e+02	+2.387e+02	-1.911e+02	+8.703e+01
9	6	+5.974e+01	-4.610e+00	+4.644e+02	+7.135e+02	-3.615e+02	+7.706e+00
9	7	+6.463e+01	+1.264e+01	+4.692e+02	-2.258e+02	-3.490e+02	+1.775e+02
9	8	+5.581e+01	+3.126e+00	+3.574e+02	+1.841e+02	-1.639e+02	+6.752e+01
9	9	+4.620e+01	-2.661e+00	+3.575e+02	+5.007e+02	-2.774e+02	+1.464e+01
9	10	+4.946e+01	+8.841e+00	+3.607e+02	-1.255e+02	-2.691e+02	+1.278e+02

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Nodo	c.c.	FX	FY	FZ	MX	MY	MZ
9	11	+5.581e+01	+3.126e+00	+3.574e+02	+1.841e+02	-1.639e+02	+6.752e+01
9	12	+4.620e+01	-2.661e+00	+3.575e+02	+5.007e+02	-2.774e+02	+1.464e+01
9	13	+4.946e+01	+8.841e+00	+3.607e+02	-1.255e+02	-2.691e+02	+1.278e+02
32	1	+5.401e+01	+6.884e-01	+4.625e+02	+4.504e+02	-5.083e+02	+9.277e+01
32	2	+4.284e+01	+5.343e-01	+3.558e+02	+3.460e+02	-3.744e+02	+7.082e+01
32	3	+4.960e+01	+5.590e-01	+3.563e+02	+3.435e+02	-2.881e+02	+6.800e+01
32	4	+5.129e+01	+5.652e-01	+3.564e+02	+3.429e+02	-2.665e+02	+6.729e+01
32	5	+7.936e+01	+7.811e-01	+4.642e+02	+4.411e+02	-1.845e+02	+8.218e+01
32	6	+6.299e+01	-1.033e+01	+4.581e+02	+1.065e+03	-3.524e+02	+1.073e+01
32	7	+7.037e+01	+1.180e+01	+4.686e+02	-1.739e+02	-3.404e+02	+1.642e+02
32	8	+5.974e+01	+5.961e-01	+3.570e+02	+3.398e+02	-1.585e+02	+6.376e+01
32	9	+4.883e+01	-6.812e+00	+3.529e+02	+7.560e+02	-2.705e+02	+1.613e+01
32	10	+5.375e+01	+7.942e+00	+3.599e+02	-7.025e+01	-2.625e+02	+1.184e+02
32	11	+5.974e+01	+5.961e-01	+3.570e+02	+3.398e+02	-1.585e+02	+6.376e+01
32	12	+4.883e+01	-6.812e+00	+3.529e+02	+7.560e+02	-2.705e+02	+1.613e+01
32	13	+5.375e+01	+7.942e+00	+3.599e+02	-7.025e+01	-2.625e+02	+1.184e+02
34	1	-5.319e+00	-1.304e+00	+3.027e+02	+4.893e+02	-2.173e+02	+5.936e+00
34	2	-3.673e+00	-1.002e+00	+2.328e+02	+3.764e+02	-1.513e+02	+3.827e+00
34	3	-1.497e+00	-9.996e-01	+2.328e+02	+3.762e+02	-6.868e+01	-1.614e-02
34	4	-9.536e-01	-9.989e-01	+2.328e+02	+3.762e+02	-4.803e+01	-9.770e-01
34	5	+2.839e+00	-1.294e+00	+3.027e+02	+4.887e+02	+9.247e+01	-8.476e+00
34	6	-1.350e+00	-1.202e+01	+2.994e+02	+1.050e+03	-6.807e+01	-2.062e+00
34	7	-1.129e+00	+9.424e+00	+3.059e+02	-7.217e+01	-5.680e+01	-4.780e-01
34	8	+1.766e+00	-9.956e-01	+2.328e+02	+3.760e+02	+5.524e+01	-5.781e+00
34	9	-1.027e+00	-8.147e+00	+2.307e+02	+7.503e+02	-5.178e+01	-1.505e+00
34	10	-8.799e-01	+6.149e+00	+2.350e+02	+2.042e+00	-4.427e+01	-4.490e-01
34	11	+1.766e+00	-9.956e-01	+2.328e+02	+3.760e+02	+5.524e+01	-5.781e+00
34	12	-1.027e+00	-8.147e+00	+2.307e+02	+7.503e+02	-5.178e+01	-1.505e+00
34	13	-8.799e-01	+6.149e+00	+2.350e+02	+2.042e+00	-4.427e+01	-4.490e-01
36	1	-8.646e+01	+1.090e-01	+4.650e+02	+4.834e+02	+5.101e+01	-8.590e+01
36	2	-6.521e+01	+8.113e-02	+3.575e+02	+3.722e+02	+5.597e+01	-6.662e+01
36	3	-5.843e+01	+6.679e-02	+3.565e+02	+3.740e+02	+1.430e+02	-6.944e+01
36	4	-5.674e+01	+6.320e-02	+3.562e+02	+3.745e+02	+1.648e+02	-7.015e+01
36	5	-6.105e+01	+5.528e-02	+4.612e+02	+4.902e+02	+3.774e+02	-9.649e+01
36	6	-7.613e+01	-1.161e+01	+4.579e+02	+1.146e+03	+2.082e+02	-1.706e+01
36	7	-7.139e+01	+1.178e+01	+4.684e+02	-1.723e+02	+2.202e+02	-1.653e+02
36	8	-4.827e+01	+4.528e-02	+3.550e+02	+3.767e+02	+2.735e+02	-7.368e+01
36	9	-5.832e+01	-7.735e+00	+3.527e+02	+8.138e+02	+1.608e+02	-2.073e+01
36	10	-5.516e+01	+7.861e+00	+3.597e+02	-6.492e+01	+1.688e+02	-1.196e+02
36	11	-4.827e+01	+4.528e-02	+3.550e+02	+3.767e+02	+2.735e+02	-7.368e+01
36	12	-5.832e+01	-7.735e+00	+3.527e+02	+8.138e+02	+1.608e+02	-2.073e+01
36	13	-5.516e+01	+7.861e+00	+3.597e+02	-6.492e+01	+1.688e+02	-1.196e+02
38	1	-7.911e+01	+1.080e+00	+4.666e+02	+4.274e+02	+6.888e+01	-9.636e+01
38	2	-5.972e+01	+8.304e-01	+3.591e+02	+3.290e+02	+6.994e+01	-7.472e+01
38	3	-5.381e+01	+8.267e-01	+3.598e+02	+3.301e+02	+1.581e+02	-7.783e+01
38	4	-5.234e+01	+8.258e-01	+3.600e+02	+3.304e+02	+1.801e+02	-7.861e+01
38	5	-5.697e+01	+1.067e+00	+4.693e+02	+4.316e+02	+3.995e+02	-1.080e+02
38	6	-7.105e+01	-1.029e+01	+4.612e+02	+1.067e+03	+2.281e+02	-2.082e+01
38	7	-6.503e+01	+1.244e+01	+4.747e+02	-2.080e+02	+2.402e+02	-1.836e+02
38	8	-4.496e+01	+8.213e-01	+3.609e+02	+3.318e+02	+2.903e+02	-8.249e+01
38	9	-5.434e+01	-6.752e+00	+3.555e+02	+7.554e+02	+1.761e+02	-2.436e+01
38	10	-5.033e+01	+8.404e+00	+3.645e+02	-9.459e+01	+1.842e+02	-1.329e+02
38	11	-4.496e+01	+8.213e-01	+3.609e+02	+3.318e+02	+2.903e+02	-8.249e+01
38	12	-5.434e+01	-6.752e+00	+3.555e+02	+7.554e+02	+1.761e+02	-2.436e+01
38	13	-5.033e+01	+8.404e+00	+3.645e+02	-9.459e+01	+1.842e+02	-1.329e+02
40	1	-7.156e+01	+4.209e+00	+4.556e+02	+2.332e+02	+6.390e+01	-9.600e+01
40	2	-5.379e+01	+3.251e+00	+3.507e+02	+1.788e+02	+6.613e+01	-7.437e+01
40	3	-4.726e+01	+3.319e+00	+3.518e+02	+1.759e+02	+1.544e+02	-7.710e+01
40	4	-4.563e+01	+3.336e+00	+3.520e+02	+1.752e+02	+1.764e+02	-7.778e+01
40	5	-4.708e+01	+4.464e+00	+4.596e+02	+2.223e+02	+3.949e+02	-1.062e+02

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Nodo	c.c.	FX	FY	FZ	MX	MY	MZ
40	6	-6.476e+01	-5.437e+00	+4.509e+02	+7.663e+02	+2.231e+02	-1.828e+01
40	7	-5.388e+01	+1.411e+01	+4.644e+02	-3.108e+02	+2.357e+02	-1.839e+02
40	8	-3.747e+01	+3.421e+00	+3.533e+02	+1.716e+02	+2.868e+02	-8.119e+01
40	9	-4.926e+01	-3.180e+00	+3.475e+02	+5.342e+02	+1.722e+02	-2.256e+01
40	10	-4.201e+01	+9.851e+00	+3.565e+02	-1.838e+02	+1.807e+02	-1.330e+02
40	11	-3.747e+01	+3.421e+00	+3.533e+02	+1.716e+02	+2.868e+02	-8.119e+01
40	12	-4.926e+01	-3.180e+00	+3.475e+02	+5.342e+02	+1.722e+02	-2.256e+01
40	13	-4.201e+01	+9.851e+00	+3.565e+02	-1.838e+02	+1.807e+02	-1.330e+02
42	1	+4.981e+01	-1.100e+01	+7.614e+02	-5.798e+02	+8.364e+01	+1.806e+02
42	2	+4.032e+01	-8.474e+00	+5.855e+02	-4.520e+02	+8.251e+01	+1.386e+02
42	3	+5.073e+01	-8.554e+00	+5.843e+02	-4.831e+02	+1.770e+02	+1.371e+02
42	4	+5.333e+01	-8.574e+00	+5.840e+02	-4.909e+02	+2.007e+02	+1.368e+02
42	5	+8.886e+01	-1.130e+01	+7.571e+02	-6.965e+02	+4.381e+02	+1.750e+02
42	6	+6.449e+01	-1.821e+01	+7.793e+02	-3.336e+02	+2.606e+02	+2.403e+02
42	7	+7.418e+01	-4.087e+00	+7.392e+02	-9.428e+02	+2.611e+02	+1.153e+02
42	8	+6.635e+01	-8.674e+00	+5.826e+02	-5.298e+02	+3.188e+02	+1.349e+02
42	9	+5.010e+01	-1.328e+01	+5.974e+02	-2.878e+02	+2.005e+02	+1.784e+02
42	10	+5.656e+01	-3.868e+00	+5.707e+02	-6.940e+02	+2.008e+02	+9.509e+01
42	11	+6.635e+01	-8.674e+00	+5.826e+02	-5.298e+02	+3.188e+02	+1.349e+02
42	12	+5.010e+01	-1.328e+01	+5.974e+02	-2.878e+02	+2.005e+02	+1.784e+02
42	13	+5.656e+01	-3.868e+00	+5.707e+02	-6.940e+02	+2.008e+02	+9.509e+01
69	1	+9.147e+01	-3.560e+01	+7.206e+02	-8.118e+02	-7.753e+00	+1.940e+02
69	2	+7.100e+01	-2.743e+01	+5.536e+02	-6.303e+02	+1.119e+01	+1.501e+02
69	3	+7.430e+01	-2.769e+01	+5.500e+02	-6.605e+02	+1.004e+02	+1.546e+02
69	4	+7.513e+01	-2.776e+01	+5.490e+02	-6.680e+02	+1.227e+02	+1.558e+02
69	5	+1.039e+02	-3.658e+01	+7.069e+02	-9.249e+02	+3.268e+02	+2.110e+02
69	6	+1.143e+02	-5.113e+01	+7.283e+02	-7.094e+02	+1.763e+02	+1.899e+02
69	7	+8.107e+01	-2.104e+01	+6.992e+02	-1.027e+03	+1.427e+02	+2.151e+02
69	8	+7.926e+01	-2.809e+01	+5.445e+02	-7.057e+02	+2.342e+02	+1.614e+02
69	9	+8.620e+01	-3.779e+01	+5.587e+02	-5.620e+02	+1.339e+02	+1.474e+02
69	10	+6.406e+01	-1.773e+01	+5.394e+02	-7.740e+02	+1.115e+02	+1.641e+02
69	11	+7.926e+01	-2.809e+01	+5.445e+02	-7.057e+02	+2.342e+02	+1.614e+02
69	12	+8.620e+01	-3.779e+01	+5.587e+02	-5.620e+02	+1.339e+02	+1.474e+02
69	13	+6.406e+01	-1.773e+01	+5.394e+02	-7.740e+02	+1.115e+02	+1.641e+02
72	1	-1.191e+01	-2.077e+01	+4.260e+02	+7.569e+02	-4.730e+02	+1.674e+01
72	2	-8.550e+00	-1.597e+01	+3.280e+02	+5.814e+02	-3.371e+02	+1.141e+01
72	3	-5.381e+00	-1.590e+01	+3.297e+02	+5.771e+02	-1.982e+02	+3.782e+00
72	4	-4.589e+00	-1.588e+01	+3.301e+02	+5.760e+02	-1.635e+02	+1.875e+00
72	5	-2.391e-02	-2.052e+01	+4.323e+02	+7.407e+02	+4.792e+01	-1.186e+01
72	6	-5.711e+00	-2.440e+01	+4.288e+02	+8.898e+02	-1.991e+02	+6.039e+00
72	7	-6.220e+00	-1.689e+01	+4.296e+02	+6.078e+02	-2.260e+02	-1.165e+00
72	8	-6.278e-01	-1.580e+01	+3.322e+02	+5.706e+02	+1.015e+01	-7.660e+00
72	9	-4.419e+00	-1.839e+01	+3.299e+02	+6.700e+02	-1.545e+02	+4.276e+00
72	10	-4.758e+00	-1.338e+01	+3.304e+02	+4.820e+02	-1.725e+02	-5.265e-01
72	11	-6.278e-01	-1.580e+01	+3.322e+02	+5.706e+02	+1.015e+01	-7.660e+00
72	12	-4.419e+00	-1.839e+01	+3.299e+02	+6.700e+02	-1.545e+02	+4.276e+00
72	13	-4.758e+00	-1.338e+01	+3.304e+02	+4.820e+02	-1.725e+02	-5.265e-01
78	1	-1.646e+01	-1.644e+01	+4.540e+02	+5.947e+02	-6.132e+02	+1.278e+01
78	2	-1.208e+01	-1.271e+01	+3.490e+02	+4.612e+02	-4.471e+02	+8.508e+00
78	3	-9.079e+00	-1.308e+01	+3.480e+02	+4.809e+02	-3.190e+02	+1.645e+00
78	4	-8.328e+00	-1.318e+01	+3.477e+02	+4.858e+02	-2.870e+02	-7.122e-02
78	5	-5.191e+00	-1.782e+01	+4.501e+02	+6.684e+02	-1.330e+02	-1.296e+01
78	6	-1.048e+01	-2.067e+01	+4.516e+02	+7.645e+02	-3.559e+02	-1.854e+00
78	7	-1.118e+01	-1.359e+01	+4.524e+02	+4.986e+02	-3.903e+02	+1.669e+00
78	8	-4.571e+00	-1.364e+01	+3.464e+02	+5.104e+02	-1.269e+02	-8.650e+00
78	9	-8.094e+00	-1.554e+01	+3.475e+02	+5.744e+02	-2.755e+02	-1.246e+00
78	10	-8.561e+00	-1.081e+01	+3.480e+02	+3.972e+02	-2.985e+02	+1.103e+00
78	11	-4.571e+00	-1.364e+01	+3.464e+02	+5.104e+02	-1.269e+02	-8.650e+00
78	12	-8.094e+00	-1.554e+01	+3.475e+02	+5.744e+02	-2.755e+02	-1.246e+00
78	13	-8.561e+00	-1.081e+01	+3.480e+02	+3.972e+02	-2.985e+02	+1.103e+00

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Nodo	c.c.	FX	FY	FZ	MX	MY	MZ
83	1	+5.513e+00	+1.190e+01	+2.493e+02	-3.258e+02	+1.558e+02	+1.022e+01
83	2	+4.646e+00	+9.224e+00	+1.919e+02	-2.552e+02	+1.358e+02	+7.265e+00
83	3	+6.754e+00	+9.593e+00	+1.923e+02	-2.791e+02	+2.189e+02	+4.179e+00
83	4	+7.282e+00	+9.685e+00	+1.924e+02	-2.851e+02	+2.396e+02	+3.408e+00
83	5	+1.342e+01	+1.328e+01	+2.510e+02	-4.154e+02	+4.673e+02	-1.356e+00
83	6	+9.509e+00	+8.245e+00	+2.486e+02	-1.900e+02	+3.069e+02	+2.764e+00
83	7	+9.423e+00	+1.693e+01	+2.518e+02	-5.512e+02	+3.162e+02	+6.096e+00
83	8	+9.917e+00	+1.015e+01	+1.930e+02	-3.150e+02	+3.435e+02	-4.496e-01
83	9	+7.310e+00	+6.788e+00	+1.914e+02	-1.647e+02	+2.365e+02	+2.297e+00
83	10	+7.253e+00	+1.258e+01	+1.935e+02	-4.055e+02	+2.428e+02	+4.518e+00
83	11	+9.917e+00	+1.015e+01	+1.930e+02	-3.150e+02	+3.435e+02	-4.496e-01
83	12	+7.310e+00	+6.788e+00	+1.914e+02	-1.647e+02	+2.365e+02	+2.297e+00
83	13	+7.253e+00	+1.258e+01	+1.935e+02	-4.055e+02	+2.428e+02	+4.518e+00
84	1	-1.655e+01	-1.340e+01	+4.021e+02	+4.839e+02	-6.093e+02	+1.032e+01
84	2	-1.218e+01	-1.036e+01	+3.092e+02	+3.746e+02	-4.443e+02	+7.390e+00
84	3	-9.284e+00	-1.065e+01	+3.087e+02	+3.871e+02	-3.174e+02	+4.530e+00
84	4	-8.561e+00	-1.072e+01	+3.085e+02	+3.902e+02	-2.857e+02	+3.814e+00
84	5	-5.709e+00	-1.448e+01	+4.001e+02	+5.307e+02	-1.335e+02	-4.049e-01
84	6	-1.125e+01	-1.805e+01	+4.029e+02	+6.788e+02	-3.834e+02	+4.392e+00
84	7	-1.101e+01	-9.823e+00	+3.993e+02	+3.358e+02	-3.595e+02	+5.525e+00
84	8	-4.947e+00	-1.108e+01	+3.079e+02	+4.058e+02	-1.271e+02	+2.386e-01
84	9	-8.642e+00	-1.346e+01	+3.098e+02	+5.046e+02	-2.937e+02	+3.437e+00
84	10	-8.481e+00	-7.978e+00	+3.073e+02	+2.759e+02	-2.777e+02	+4.192e+00
84	11	-4.947e+00	-1.108e+01	+3.079e+02	+4.058e+02	-1.271e+02	+2.386e-01
84	12	-8.642e+00	-1.346e+01	+3.098e+02	+5.046e+02	-2.937e+02	+3.437e+00
84	13	-8.481e+00	-7.978e+00	+3.073e+02	+2.759e+02	-2.777e+02	+4.192e+00
86	1	-2.771e+00	+2.284e+01	+6.963e+02	-2.025e+02	+7.870e+02	-1.652e+02
86	2	-1.617e+00	+1.756e+01	+5.356e+02	-1.606e+02	+6.224e+02	-1.294e+02
86	3	+1.058e+00	+1.747e+01	+5.358e+02	-1.856e+02	+7.108e+02	-1.415e+02
86	4	+1.726e+00	+1.745e+01	+5.359e+02	-1.918e+02	+7.329e+02	-1.446e+02
86	5	+7.259e+00	+2.253e+01	+6.970e+02	-2.963e+02	+1.119e+03	-2.106e+02
86	6	+1.140e+01	+1.181e+01	+6.865e+02	-3.889e+01	+9.382e+02	-1.679e+02
86	7	-6.908e+00	+3.357e+01	+7.068e+02	-4.599e+02	+9.674e+02	-2.080e+02
86	8	+5.070e+00	+1.735e+01	+5.361e+02	-2.231e+02	+8.435e+02	-1.597e+02
86	9	+7.828e+00	+1.020e+01	+5.291e+02	-5.151e+01	+7.232e+02	-1.312e+02
86	10	-4.375e+00	+2.471e+01	+5.426e+02	-3.322e+02	+7.426e+02	-1.579e+02
86	11	+5.070e+00	+1.735e+01	+5.361e+02	-2.231e+02	+8.435e+02	-1.597e+02
86	12	+7.828e+00	+1.020e+01	+5.291e+02	-5.151e+01	+7.232e+02	-1.312e+02
86	13	-4.375e+00	+2.471e+01	+5.426e+02	-3.322e+02	+7.426e+02	-1.579e+02
87	1	-2.488e+00	-1.937e+01	+8.696e+02	+6.567e+02	-1.270e+02	+9.210e+00
87	2	-1.355e+00	-1.498e+01	+6.689e+02	+5.088e+02	-7.371e+01	+6.394e+00
87	3	+1.554e+00	-1.536e+01	+6.686e+02	+5.279e+02	+5.117e+01	+2.805e+00
87	4	+2.280e+00	-1.545e+01	+6.686e+02	+5.327e+02	+8.239e+01	+1.908e+00
87	5	+8.417e+00	-2.081e+01	+8.686e+02	+7.283e+02	+3.412e+02	-4.249e+00
87	6	+2.804e+00	-2.432e+01	+8.700e+02	+8.648e+02	+9.581e+01	+4.608e+00
87	7	+3.125e+00	-1.586e+01	+8.682e+02	+5.202e+02	+1.184e+02	+3.526e-01
87	8	+5.916e+00	-1.593e+01	+6.682e+02	+5.565e+02	+2.385e+02	-2.578e+00
87	9	+2.173e+00	-1.827e+01	+6.692e+02	+6.476e+02	+7.486e+01	+3.326e+00
87	10	+2.388e+00	-1.264e+01	+6.680e+02	+4.178e+02	+8.992e+01	+4.895e-01
87	11	+5.916e+00	-1.593e+01	+6.682e+02	+5.565e+02	+2.385e+02	-2.578e+00
87	12	+2.173e+00	-1.827e+01	+6.692e+02	+6.476e+02	+7.486e+01	+3.326e+00
87	13	+2.388e+00	-1.264e+01	+6.680e+02	+4.178e+02	+8.992e+01	+4.895e-01
92	1	-6.999e+01	+1.260e+02	+1.110e+03	-3.314e+02	-2.090e+02	+4.202e+01
92	2	-5.305e+01	+9.722e+01	+8.542e+02	-2.555e+02	-1.444e+02	+2.757e+01
92	3	-4.894e+01	+9.885e+01	+8.577e+02	-2.583e+02	-5.927e+01	+2.882e+00
92	4	-4.792e+01	+9.925e+01	+8.585e+02	-2.590e+02	-3.798e+01	-3.291e+00
92	5	-5.460e+01	+1.321e+02	+1.123e+03	-3.419e+02	+1.103e+02	-5.058e+01
92	6	-5.727e+01	+1.188e+02	+1.099e+03	-1.629e+02	-2.897e+01	+1.039e+01
92	7	-6.732e+01	+1.392e+02	+1.133e+03	-5.104e+02	-6.977e+01	-1.894e+01
92	8	-4.279e+01	+1.013e+02	+8.628e+02	-2.625e+02	+6.847e+01	-3.416e+01

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Nodo	c.c.	FX	FY	FZ	MX	MY	MZ
92	9	-4.457e+01	+9.246e+01	+8.473e+02	-1.431e+02	-2.438e+01	+6.485e+00
92	10	-5.127e+01	+1.061e+02	+8.698e+02	-3.748e+02	-5.158e+01	-1.307e+01
92	11	-4.279e+01	+1.013e+02	+8.628e+02	-2.625e+02	+6.847e+01	-3.416e+01
92	12	-4.457e+01	+9.246e+01	+8.473e+02	-1.431e+02	-2.438e+01	+6.485e+00
92	13	-5.127e+01	+1.061e+02	+8.698e+02	-3.748e+02	-5.158e+01	-1.307e+01
93	1	-7.567e+01	-5.729e+01	+6.695e+02	+2.279e+02	-1.227e+03	+2.617e+02
93	2	-5.711e+01	-4.347e+01	+5.151e+02	+1.820e+02	-9.200e+02	+1.978e+02
93	3	-5.141e+01	-4.035e+01	+5.155e+02	+2.169e+02	-7.965e+02	+1.799e+02
93	4	-4.999e+01	-3.958e+01	+5.156e+02	+2.256e+02	-7.657e+02	+1.755e+02
93	5	-5.429e+01	-4.561e+01	+6.711e+02	+3.586e+02	-7.639e+02	+1.945e+02
93	6	-6.694e+01	-5.798e+01	+6.703e+02	+4.460e+02	-9.685e+02	+2.110e+02
93	7	-6.302e+01	-4.492e+01	+6.703e+02	+1.405e+02	-1.022e+03	+2.452e+02
93	8	-4.286e+01	-3.568e+01	+5.162e+02	+2.692e+02	-6.114e+02	+1.531e+02
93	9	-5.129e+01	-4.393e+01	+5.156e+02	+3.274e+02	-7.478e+02	+1.641e+02
93	10	-4.868e+01	-3.522e+01	+5.156e+02	+1.238e+02	-7.836e+02	+1.869e+02
93	11	-4.286e+01	-3.568e+01	+5.162e+02	+2.692e+02	-6.114e+02	+1.531e+02
93	12	-5.129e+01	-4.393e+01	+5.156e+02	+3.274e+02	-7.478e+02	+1.641e+02
93	13	-4.868e+01	-3.522e+01	+5.156e+02	+1.238e+02	-7.836e+02	+1.869e+02
102	1	-1.901e+01	+1.325e+01	+5.178e+02	-3.316e+02	-8.389e+02	+2.814e+02
102	2	-1.341e+01	+1.096e+01	+3.982e+02	-2.487e+02	-6.220e+02	+2.141e+02
102	3	-7.101e+00	+1.493e+01	+3.980e+02	-2.154e+02	-5.009e+02	+2.015e+02
102	4	-5.524e+00	+1.592e+01	+3.979e+02	-2.071e+02	-4.706e+02	+1.984e+02
102	5	+4.645e+00	+2.815e+01	+5.168e+02	-2.069e+02	-3.848e+02	+2.344e+02
102	6	-7.493e+00	+1.524e+01	+5.176e+02	-9.812e+01	-5.551e+02	+2.461e+02
102	7	-6.871e+00	+2.616e+01	+5.170e+02	-4.403e+02	-6.686e+02	+2.698e+02
102	8	+2.360e+00	+2.089e+01	+3.976e+02	-1.655e+02	-3.193e+02	+1.827e+02
102	9	-5.732e+00	+1.228e+01	+3.981e+02	-9.303e+01	-4.328e+02	+1.905e+02
102	10	-5.317e+00	+1.956e+01	+3.977e+02	-3.211e+02	-5.085e+02	+2.063e+02
102	11	+2.360e+00	+2.089e+01	+3.976e+02	-1.655e+02	-3.193e+02	+1.827e+02
102	12	-5.732e+00	+1.228e+01	+3.981e+02	-9.303e+01	-4.328e+02	+1.905e+02
102	13	-5.317e+00	+1.956e+01	+3.977e+02	-3.211e+02	-5.085e+02	+2.063e+02
103	1	-5.565e+00	+4.100e+01	+8.763e+02	-3.174e+02	-7.932e+02	+5.411e+01
103	2	-4.201e+00	+3.036e+01	+6.707e+02	-2.365e+02	-5.860e+02	+4.131e+01
103	3	-3.787e+00	+2.426e+01	+6.532e+02	-1.968e+02	-4.606e+02	+3.972e+01
103	4	-3.684e+00	+2.273e+01	+6.489e+02	-1.869e+02	-4.292e+02	+3.932e+01
103	5	-4.013e+00	+1.811e+01	+8.107e+02	-1.685e+02	-3.228e+02	+4.812e+01
103	6	-8.555e+00	+1.483e+01	+8.249e+02	-6.089e+01	-5.006e+02	+5.506e+01
103	7	-1.024e+00	+4.427e+01	+8.621e+02	-4.250e+02	-6.154e+02	+4.717e+01
103	8	-3.167e+00	+1.510e+01	+6.270e+02	-1.373e+02	-2.724e+02	+3.733e+01
103	9	-6.194e+00	+1.292e+01	+6.365e+02	-6.551e+01	-3.909e+02	+4.195e+01
103	10	-1.174e+00	+3.255e+01	+6.612e+02	-3.083e+02	-4.675e+02	+3.669e+01
103	11	-3.167e+00	+1.510e+01	+6.270e+02	-1.373e+02	-2.724e+02	+3.733e+01
103	12	-6.194e+00	+1.292e+01	+6.365e+02	-6.551e+01	-3.909e+02	+4.195e+01
103	13	-1.174e+00	+3.255e+01	+6.612e+02	-3.083e+02	-4.675e+02	+3.669e+01
104	1	+8.034e+00	-9.617e+00	+4.081e+02	+3.248e+02	+2.099e+02	+5.362e+00
104	2	+6.690e+00	-7.443e+00	+3.142e+02	+2.529e+02	+1.842e+02	+3.873e+00
104	3	+9.346e+00	-7.679e+00	+3.156e+02	+2.687e+02	+3.026e+02	+2.563e+00
104	4	+1.001e+01	-7.739e+00	+3.160e+02	+2.726e+02	+3.322e+02	+2.235e+00
104	5	+1.799e+01	-1.050e+01	+4.135e+02	+3.841e+02	+6.539e+02	+4.495e-01
104	6	+1.329e+01	-1.446e+01	+4.125e+02	+5.448e+02	+4.501e+02	+4.803e+00
104	7	+1.273e+01	-5.661e+00	+4.091e+02	+1.641e+02	+4.138e+02	+1.009e+00
104	8	+1.333e+01	-8.034e+00	+3.178e+02	+2.924e+02	+4.803e+02	+5.977e-01
104	9	+1.019e+01	-1.067e+01	+3.171e+02	+3.995e+02	+3.443e+02	+3.500e+00
104	10	+9.825e+00	-4.806e+00	+3.149e+02	+1.457e+02	+3.201e+02	+9.705e-01
104	11	+1.333e+01	-8.034e+00	+3.178e+02	+2.924e+02	+4.803e+02	+5.977e-01
104	12	+1.019e+01	-1.067e+01	+3.171e+02	+3.995e+02	+3.443e+02	+3.500e+00
104	13	+9.825e+00	-4.806e+00	+3.149e+02	+1.457e+02	+3.201e+02	+9.705e-01
105	1	+1.074e+01	+5.910e+00	+8.624e+02	-2.127e+02	+2.706e+02	-8.681e+00
105	2	+8.838e+00	+4.455e+00	+6.635e+02	-1.589e+02	+2.333e+02	-6.699e+00
105	3	+1.183e+01	+3.981e+00	+6.641e+02	-1.344e+02	+3.639e+02	-6.812e+00

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Nodo	c.c.	FX	FY	FZ	MX	MY	MZ
105	4	+1.258e+01	+3.863e+00	+6.642e+02	-1.283e+02	+3.965e+02	-6.840e+00
105	5	+2.196e+01	+4.134e+00	+8.645e+02	-1.208e+02	+7.603e+02	-9.103e+00
105	6	+1.683e+01	+1.364e-01	+8.631e+02	+3.946e+01	+5.398e+02	-3.700e-01
105	7	+1.587e+01	+9.908e+00	+8.639e+02	-3.729e+02	+4.911e+02	-1.741e+01
105	8	+1.632e+01	+3.271e+00	+6.649e+02	-9.761e+01	+5.598e+02	-6.981e+00
105	9	+1.290e+01	+6.060e-01	+6.639e+02	+9.208e+00	+4.128e+02	-1.159e+00
105	10	+1.226e+01	+7.120e+00	+6.645e+02	-2.657e+02	+3.803e+02	-1.252e+01
105	11	+1.632e+01	+3.271e+00	+6.649e+02	-9.761e+01	+5.598e+02	-6.981e+00
105	12	+1.290e+01	+6.060e-01	+6.639e+02	+9.208e+00	+4.128e+02	-1.159e+00
105	13	+1.226e+01	+7.120e+00	+6.645e+02	-2.657e+02	+3.803e+02	-1.252e+01
110	1	-5.982e+00	-1.813e+00	+4.386e+02	-5.901e+02	-2.592e+02	-1.741e+02
110	2	-3.379e+00	-1.325e+00	+3.375e+02	-4.585e+02	-1.779e+02	-1.275e+02
110	3	+2.977e+00	-9.600e-01	+3.380e+02	-4.822e+02	-6.600e+01	-9.426e+01
110	4	+4.565e+00	-8.689e-01	+3.381e+02	-4.881e+02	-3.803e+01	-8.594e+01
110	5	+1.785e+01	-4.458e-01	+4.406e+02	-6.789e+02	+1.603e+02	-4.939e+01
110	6	+4.688e+00	-1.715e+01	+4.569e+02	-3.658e+02	-9.973e+01	-1.464e+02
110	7	+7.182e+00	+1.489e+01	+4.223e+02	-9.032e+02	+8.450e-01	-7.710e+01
110	8	+1.251e+01	-4.131e-01	+3.388e+02	-5.177e+02	+1.018e+02	-4.438e+01
110	9	+3.734e+00	-1.155e+01	+3.497e+02	-3.089e+02	-7.156e+01	-1.090e+02
110	10	+5.397e+00	+9.810e+00	+3.266e+02	-6.672e+02	-4.508e+00	-6.286e+01
110	11	+1.251e+01	-4.131e-01	+3.388e+02	-5.177e+02	+1.018e+02	-4.438e+01
110	12	+3.734e+00	-1.155e+01	+3.497e+02	-3.089e+02	-7.156e+01	-1.090e+02
110	13	+5.397e+00	+9.810e+00	+3.266e+02	-6.672e+02	-4.508e+00	-6.286e+01
132	1	-8.364e+00	-5.794e+00	+4.638e+02	-2.169e+02	-4.379e+02	-1.860e+02
132	2	-5.288e+00	-4.608e+00	+3.567e+02	-1.822e+02	-3.099e+02	-1.389e+02
132	3	+6.715e-01	-5.395e+00	+3.564e+02	-2.619e+02	-1.701e+02	-1.174e+02
132	4	+2.161e+00	-5.592e+00	+3.563e+02	-2.819e+02	-1.352e+02	-1.121e+02
132	5	+1.398e+01	-8.744e+00	+4.625e+02	-5.160e+02	+8.638e+01	-1.054e+02
132	6	+3.667e+00	-1.669e+01	+4.637e+02	+1.168e+01	-3.179e+02	-1.944e+02
132	7	+1.952e+00	+2.156e+00	+4.626e+02	-7.446e+02	-3.363e+01	-9.692e+01
132	8	+9.611e+00	-6.575e+00	+3.558e+02	-3.815e+02	+3.956e+01	-8.520e+01
132	9	+2.733e+00	-1.188e+01	+3.566e+02	-2.980e+01	-2.299e+02	-1.446e+02
132	10	+1.590e+00	+6.919e-01	+3.559e+02	-5.340e+02	-4.044e+01	-7.955e+01
132	11	+9.611e+00	-6.575e+00	+3.558e+02	-3.815e+02	+3.956e+01	-8.520e+01
132	12	+2.733e+00	-1.188e+01	+3.566e+02	-2.980e+01	-2.299e+02	-1.446e+02
132	13	+1.590e+00	+6.919e-01	+3.559e+02	-5.340e+02	-4.044e+01	-7.955e+01
133	1	-1.278e+01	-5.833e+00	+4.575e+02	-7.504e+01	-5.243e+02	-2.485e+02
133	2	-8.643e+00	-4.695e+00	+3.519e+02	-7.134e+01	-3.776e+02	-1.898e+02
133	3	-2.477e+00	-5.774e+00	+3.516e+02	-1.421e+02	-2.442e+02	-1.829e+02
133	4	-9.360e-01	-6.044e+00	+3.515e+02	-1.599e+02	-2.108e+02	-1.811e+02
133	5	+1.034e+01	-9.882e+00	+4.564e+02	-3.406e+02	-2.392e+01	-2.224e+02
133	6	-6.485e-01	-1.694e+01	+4.584e+02	+1.575e+02	-4.084e+02	-2.495e+02
133	7	-1.785e+00	+1.228e+00	+4.556e+02	-5.732e+02	-1.398e+02	-2.215e+02
133	8	+6.771e+00	-7.394e+00	+3.511e+02	-2.484e+02	-4.406e+01	-1.725e+02
133	9	-5.572e-01	-1.210e+01	+3.524e+02	+8.370e+01	-3.004e+02	-1.905e+02
133	10	-1.315e+00	+1.246e-02	+3.506e+02	-4.034e+02	-1.213e+02	-1.718e+02
133	11	+6.771e+00	-7.394e+00	+3.511e+02	-2.484e+02	-4.406e+01	-1.725e+02
133	12	-5.572e-01	-1.210e+01	+3.524e+02	+8.370e+01	-3.004e+02	-1.905e+02
133	13	-1.315e+00	+1.246e-02	+3.506e+02	-4.034e+02	-1.213e+02	-1.718e+02
134	1	-1.383e+01	-1.335e+01	+4.344e+02	+4.321e+02	-5.282e+02	-1.452e+01
134	2	-1.025e+01	-1.030e+01	+3.332e+02	+3.331e+02	-3.915e+02	-1.126e+01
134	3	-8.248e+00	-1.044e+01	+3.283e+02	+3.370e+02	-3.144e+02	-1.172e+01
134	4	-7.746e+00	-1.047e+01	+3.271e+02	+3.380e+02	-2.951e+02	-1.184e+01
134	5	-6.310e+00	-1.388e+01	+4.162e+02	+4.466e+02	-2.391e+02	-1.626e+01
134	6	-1.016e+01	-1.789e+01	+4.230e+02	+6.166e+02	-3.970e+02	-4.799e+00
134	7	-9.984e+00	-9.341e+00	+4.276e+02	+2.621e+02	-3.704e+02	-2.598e+01
134	8	-5.240e+00	-1.065e+01	+3.211e+02	+3.428e+02	-1.988e+02	-1.242e+01
134	9	-7.804e+00	-1.332e+01	+3.256e+02	+4.561e+02	-3.040e+02	-4.778e+00
134	10	-7.689e+00	-7.624e+00	+3.287e+02	+2.198e+02	-2.863e+02	-1.890e+01
134	11	-5.240e+00	-1.065e+01	+3.211e+02	+3.428e+02	-1.988e+02	-1.242e+01

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Nodo	c.c.	FX	FY	FZ	MX	MY	MZ
134	12	-7.804e+00	-1.332e+01	+3.256e+02	+4.561e+02	-3.040e+02	-4.778e+00
134	13	-7.689e+00	-7.624e+00	+3.287e+02	+2.198e+02	-2.863e+02	-1.890e+01
135	1	-1.450e+01	-1.339e+01	+3.823e+02	+4.245e+02	-5.442e+02	+7.978e-01
135	2	-1.079e+01	-1.035e+01	+2.962e+02	+3.294e+02	-4.055e+02	+1.182e+00
135	3	-8.915e+00	-1.063e+01	+3.076e+02	+3.441e+02	-3.370e+02	+4.136e+00
135	4	-8.446e+00	-1.070e+01	+3.104e+02	+3.478e+02	-3.198e+02	+4.874e+00
135	5	-7.459e+00	-1.443e+01	+4.248e+02	+4.796e+02	-2.873e+02	+1.188e+01
135	6	-1.079e+01	-1.767e+01	+4.241e+02	+5.940e+02	-4.075e+02	+1.365e+01
135	7	-1.117e+01	-1.015e+01	+3.830e+02	+3.101e+02	-4.241e+02	-9.740e-01
135	8	-6.099e+00	-1.104e+01	+3.246e+02	+3.661e+02	-2.342e+02	+8.567e+00
135	9	-8.320e+00	-1.320e+01	+3.241e+02	+4.424e+02	-3.143e+02	+9.748e+00
135	10	-8.572e+00	-8.193e+00	+2.968e+02	+2.531e+02	-3.254e+02	+6.108e-04
135	11	-6.099e+00	-1.104e+01	+3.246e+02	+3.661e+02	-2.342e+02	+8.567e+00
135	12	-8.320e+00	-1.320e+01	+3.241e+02	+4.424e+02	-3.143e+02	+9.748e+00
135	13	-8.572e+00	-8.193e+00	+2.968e+02	+2.531e+02	-3.254e+02	+6.108e-04

GRUPPO NUMERO: 2 - DESCRIZIONE: VINCOLI SUPERFICIALI

Nodo	c.c.	FX	FY	FZ	MX	MY	MZ
10	1	-0.000e+00	-0.000e+00	+4.198e+02	-0.000e+00	-0.000e+00	-0.000e+00
10	2	-0.000e+00	-0.000e+00	+3.229e+02	-0.000e+00	-0.000e+00	-0.000e+00
10	3	-0.000e+00	-0.000e+00	+3.226e+02	-0.000e+00	-0.000e+00	-0.000e+00
10	4	-0.000e+00	-0.000e+00	+3.225e+02	-0.000e+00	-0.000e+00	-0.000e+00
10	5	-0.000e+00	-0.000e+00	+4.187e+02	-0.000e+00	-0.000e+00	-0.000e+00
10	6	-0.000e+00	-0.000e+00	+4.212e+02	-0.000e+00	-0.000e+00	-0.000e+00
10	7	-0.000e+00	-0.000e+00	+4.173e+02	-0.000e+00	-0.000e+00	-0.000e+00
10	8	-0.000e+00	-0.000e+00	+3.221e+02	-0.000e+00	-0.000e+00	-0.000e+00
10	9	-0.000e+00	-0.000e+00	+3.238e+02	-0.000e+00	-0.000e+00	-0.000e+00
10	10	-0.000e+00	-0.000e+00	+3.212e+02	-0.000e+00	-0.000e+00	-0.000e+00
10	11	-0.000e+00	-0.000e+00	+3.221e+02	-0.000e+00	-0.000e+00	-0.000e+00
10	12	-0.000e+00	-0.000e+00	+3.238e+02	-0.000e+00	-0.000e+00	-0.000e+00
10	13	-0.000e+00	-0.000e+00	+3.212e+02	-0.000e+00	-0.000e+00	-0.000e+00
31	1	-0.000e+00	-0.000e+00	+4.284e+02	-0.000e+00	-0.000e+00	-0.000e+00
31	2	-0.000e+00	-0.000e+00	+3.295e+02	-0.000e+00	-0.000e+00	-0.000e+00
31	3	-0.000e+00	-0.000e+00	+3.295e+02	-0.000e+00	-0.000e+00	-0.000e+00
31	4	-0.000e+00	-0.000e+00	+3.295e+02	-0.000e+00	-0.000e+00	-0.000e+00
31	5	-0.000e+00	-0.000e+00	+4.284e+02	-0.000e+00	-0.000e+00	-0.000e+00
31	6	-0.000e+00	-0.000e+00	+4.322e+02	-0.000e+00	-0.000e+00	-0.000e+00
31	7	-0.000e+00	-0.000e+00	+4.246e+02	-0.000e+00	-0.000e+00	-0.000e+00
31	8	-0.000e+00	-0.000e+00	+3.295e+02	-0.000e+00	-0.000e+00	-0.000e+00
31	9	-0.000e+00	-0.000e+00	+3.321e+02	-0.000e+00	-0.000e+00	-0.000e+00
31	10	-0.000e+00	-0.000e+00	+3.270e+02	-0.000e+00	-0.000e+00	-0.000e+00
31	11	-0.000e+00	-0.000e+00	+3.295e+02	-0.000e+00	-0.000e+00	-0.000e+00
31	12	-0.000e+00	-0.000e+00	+3.321e+02	-0.000e+00	-0.000e+00	-0.000e+00
31	13	-0.000e+00	-0.000e+00	+3.270e+02	-0.000e+00	-0.000e+00	-0.000e+00
33	1	-0.000e+00	-0.000e+00	+4.271e+02	-0.000e+00	-0.000e+00	-0.000e+00
33	2	-0.000e+00	-0.000e+00	+3.285e+02	-0.000e+00	-0.000e+00	-0.000e+00
33	3	-0.000e+00	-0.000e+00	+3.285e+02	-0.000e+00	-0.000e+00	-0.000e+00
33	4	-0.000e+00	-0.000e+00	+3.285e+02	-0.000e+00	-0.000e+00	-0.000e+00
33	5	-0.000e+00	-0.000e+00	+4.271e+02	-0.000e+00	-0.000e+00	-0.000e+00
33	6	-0.000e+00	-0.000e+00	+4.318e+02	-0.000e+00	-0.000e+00	-0.000e+00
33	7	-0.000e+00	-0.000e+00	+4.224e+02	-0.000e+00	-0.000e+00	-0.000e+00
33	8	-0.000e+00	-0.000e+00	+3.285e+02	-0.000e+00	-0.000e+00	-0.000e+00
33	9	-0.000e+00	-0.000e+00	+3.316e+02	-0.000e+00	-0.000e+00	-0.000e+00
33	10	-0.000e+00	-0.000e+00	+3.254e+02	-0.000e+00	-0.000e+00	-0.000e+00
33	11	-0.000e+00	-0.000e+00	+3.285e+02	-0.000e+00	-0.000e+00	-0.000e+00
33	12	-0.000e+00	-0.000e+00	+3.316e+02	-0.000e+00	-0.000e+00	-0.000e+00
33	13	-0.000e+00	-0.000e+00	+3.254e+02	-0.000e+00	-0.000e+00	-0.000e+00
35	1	-0.000e+00	-0.000e+00	+4.285e+02	-0.000e+00	-0.000e+00	-0.000e+00
35	2	-0.000e+00	-0.000e+00	+3.296e+02	-0.000e+00	-0.000e+00	-0.000e+00
35	3	-0.000e+00	-0.000e+00	+3.296e+02	-0.000e+00	-0.000e+00	-0.000e+00

COMUNE DI PRAIANO c_g976 0007113 - Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 - Ingresso 09/09/2024 12:39

Nodo	c.c.	FX	FY	FZ	MX	MY	MZ
35	4	-0.000e+00	-0.000e+00	+3.296e+02	-0.000e+00	-0.000e+00	-0.000e+00
35	5	-0.000e+00	-0.000e+00	+4.285e+02	-0.000e+00	-0.000e+00	-0.000e+00
35	6	-0.000e+00	-0.000e+00	+4.330e+02	-0.000e+00	-0.000e+00	-0.000e+00
35	7	-0.000e+00	-0.000e+00	+4.240e+02	-0.000e+00	-0.000e+00	-0.000e+00
35	8	-0.000e+00	-0.000e+00	+3.296e+02	-0.000e+00	-0.000e+00	-0.000e+00
35	9	-0.000e+00	-0.000e+00	+3.326e+02	-0.000e+00	-0.000e+00	-0.000e+00
35	10	-0.000e+00	-0.000e+00	+3.266e+02	-0.000e+00	-0.000e+00	-0.000e+00
35	11	-0.000e+00	-0.000e+00	+3.296e+02	-0.000e+00	-0.000e+00	-0.000e+00
35	12	-0.000e+00	-0.000e+00	+3.326e+02	-0.000e+00	-0.000e+00	-0.000e+00
35	13	-0.000e+00	-0.000e+00	+3.266e+02	-0.000e+00	-0.000e+00	-0.000e+00
37	1	-0.000e+00	-0.000e+00	+4.276e+02	-0.000e+00	-0.000e+00	-0.000e+00
37	2	-0.000e+00	-0.000e+00	+3.289e+02	-0.000e+00	-0.000e+00	-0.000e+00
37	3	-0.000e+00	-0.000e+00	+3.289e+02	-0.000e+00	-0.000e+00	-0.000e+00
37	4	-0.000e+00	-0.000e+00	+3.289e+02	-0.000e+00	-0.000e+00	-0.000e+00
37	5	-0.000e+00	-0.000e+00	+4.276e+02	-0.000e+00	-0.000e+00	-0.000e+00
37	6	-0.000e+00	-0.000e+00	+4.317e+02	-0.000e+00	-0.000e+00	-0.000e+00
37	7	-0.000e+00	-0.000e+00	+4.236e+02	-0.000e+00	-0.000e+00	-0.000e+00
37	8	-0.000e+00	-0.000e+00	+3.289e+02	-0.000e+00	-0.000e+00	-0.000e+00
37	9	-0.000e+00	-0.000e+00	+3.316e+02	-0.000e+00	-0.000e+00	-0.000e+00
37	10	-0.000e+00	-0.000e+00	+3.262e+02	-0.000e+00	-0.000e+00	-0.000e+00
37	11	-0.000e+00	-0.000e+00	+3.289e+02	-0.000e+00	-0.000e+00	-0.000e+00
37	12	-0.000e+00	-0.000e+00	+3.316e+02	-0.000e+00	-0.000e+00	-0.000e+00
37	13	-0.000e+00	-0.000e+00	+3.262e+02	-0.000e+00	-0.000e+00	-0.000e+00
39	1	-0.000e+00	-0.000e+00	+4.258e+02	-0.000e+00	-0.000e+00	-0.000e+00
39	2	-0.000e+00	-0.000e+00	+3.275e+02	-0.000e+00	-0.000e+00	-0.000e+00
39	3	-0.000e+00	-0.000e+00	+3.275e+02	-0.000e+00	-0.000e+00	-0.000e+00
39	4	-0.000e+00	-0.000e+00	+3.275e+02	-0.000e+00	-0.000e+00	-0.000e+00
39	5	-0.000e+00	-0.000e+00	+4.258e+02	-0.000e+00	-0.000e+00	-0.000e+00
39	6	-0.000e+00	-0.000e+00	+4.281e+02	-0.000e+00	-0.000e+00	-0.000e+00
39	7	-0.000e+00	-0.000e+00	+4.235e+02	-0.000e+00	-0.000e+00	-0.000e+00
39	8	-0.000e+00	-0.000e+00	+3.276e+02	-0.000e+00	-0.000e+00	-0.000e+00
39	9	-0.000e+00	-0.000e+00	+3.291e+02	-0.000e+00	-0.000e+00	-0.000e+00
39	10	-0.000e+00	-0.000e+00	+3.260e+02	-0.000e+00	-0.000e+00	-0.000e+00
39	11	-0.000e+00	-0.000e+00	+3.276e+02	-0.000e+00	-0.000e+00	-0.000e+00
39	12	-0.000e+00	-0.000e+00	+3.291e+02	-0.000e+00	-0.000e+00	-0.000e+00
39	13	-0.000e+00	-0.000e+00	+3.260e+02	-0.000e+00	-0.000e+00	-0.000e+00
41	1	-0.000e+00	-0.000e+00	+4.176e+02	-0.000e+00	-0.000e+00	-0.000e+00
41	2	-0.000e+00	-0.000e+00	+3.213e+02	-0.000e+00	-0.000e+00	-0.000e+00
41	3	-0.000e+00	-0.000e+00	+3.218e+02	-0.000e+00	-0.000e+00	-0.000e+00
41	4	-0.000e+00	-0.000e+00	+3.219e+02	-0.000e+00	-0.000e+00	-0.000e+00
41	5	-0.000e+00	-0.000e+00	+4.194e+02	-0.000e+00	-0.000e+00	-0.000e+00
41	6	-0.000e+00	-0.000e+00	+4.167e+02	-0.000e+00	-0.000e+00	-0.000e+00
41	7	-0.000e+00	-0.000e+00	+4.202e+02	-0.000e+00	-0.000e+00	-0.000e+00
41	8	-0.000e+00	-0.000e+00	+3.225e+02	-0.000e+00	-0.000e+00	-0.000e+00
41	9	-0.000e+00	-0.000e+00	+3.208e+02	-0.000e+00	-0.000e+00	-0.000e+00
41	10	-0.000e+00	-0.000e+00	+3.231e+02	-0.000e+00	-0.000e+00	-0.000e+00
41	11	-0.000e+00	-0.000e+00	+3.225e+02	-0.000e+00	-0.000e+00	-0.000e+00
41	12	-0.000e+00	-0.000e+00	+3.208e+02	-0.000e+00	-0.000e+00	-0.000e+00
41	13	-0.000e+00	-0.000e+00	+3.231e+02	-0.000e+00	-0.000e+00	-0.000e+00
111	1	-0.000e+00	-0.000e+00	+4.272e+02	-0.000e+00	-0.000e+00	-0.000e+00
111	2	-0.000e+00	-0.000e+00	+3.292e+02	-0.000e+00	-0.000e+00	-0.000e+00
111	3	-0.000e+00	-0.000e+00	+3.318e+02	-0.000e+00	-0.000e+00	-0.000e+00
111	4	-0.000e+00	-0.000e+00	+3.325e+02	-0.000e+00	-0.000e+00	-0.000e+00
111	5	-0.000e+00	-0.000e+00	+4.372e+02	-0.000e+00	-0.000e+00	-0.000e+00
111	6	-0.000e+00	-0.000e+00	+4.187e+02	-0.000e+00	-0.000e+00	-0.000e+00
111	7	-0.000e+00	-0.000e+00	+4.458e+02	-0.000e+00	-0.000e+00	-0.000e+00
111	8	-0.000e+00	-0.000e+00	+3.358e+02	-0.000e+00	-0.000e+00	-0.000e+00
111	9	-0.000e+00	-0.000e+00	+3.235e+02	-0.000e+00	-0.000e+00	-0.000e+00
111	10	-0.000e+00	-0.000e+00	+3.415e+02	-0.000e+00	-0.000e+00	-0.000e+00
111	11	-0.000e+00	-0.000e+00	+3.358e+02	-0.000e+00	-0.000e+00	-0.000e+00

COMUNE DI PRAIANO c_g976 0007113 Uscita 07/08/2025 15:08
COMUNE DI PRAIANO c_g976 0007619 Ingresso 09/09/2024 12:39

Nodo	c.c.	FX	FY	FZ	MX	MY	MZ
111	12	-0.000e+00	-0.000e+00	+3.235e+02	-0.000e+00	-0.000e+00	-0.000e+00
111	13	-0.000e+00	-0.000e+00	+3.415e+02	-0.000e+00	-0.000e+00	-0.000e+00
122	1	-0.000e+00	-0.000e+00	+4.131e+02	-0.000e+00	-0.000e+00	-0.000e+00
122	2	-0.000e+00	-0.000e+00	+3.180e+02	-0.000e+00	-0.000e+00	-0.000e+00
122	3	-0.000e+00	-0.000e+00	+3.189e+02	-0.000e+00	-0.000e+00	-0.000e+00
122	4	-0.000e+00	-0.000e+00	+3.191e+02	-0.000e+00	-0.000e+00	-0.000e+00
122	5	-0.000e+00	-0.000e+00	+4.166e+02	-0.000e+00	-0.000e+00	-0.000e+00
122	6	-0.000e+00	-0.000e+00	+4.133e+02	-0.000e+00	-0.000e+00	-0.000e+00
122	7	-0.000e+00	-0.000e+00	+4.165e+02	-0.000e+00	-0.000e+00	-0.000e+00
122	8	-0.000e+00	-0.000e+00	+3.203e+02	-0.000e+00	-0.000e+00	-0.000e+00
122	9	-0.000e+00	-0.000e+00	+3.181e+02	-0.000e+00	-0.000e+00	-0.000e+00
122	10	-0.000e+00	-0.000e+00	+3.202e+02	-0.000e+00	-0.000e+00	-0.000e+00
122	11	-0.000e+00	-0.000e+00	+3.203e+02	-0.000e+00	-0.000e+00	-0.000e+00
122	12	-0.000e+00	-0.000e+00	+3.181e+02	-0.000e+00	-0.000e+00	-0.000e+00
122	13	-0.000e+00	-0.000e+00	+3.202e+02	-0.000e+00	-0.000e+00	-0.000e+00
123	1	-0.000e+00	-0.000e+00	+4.256e+02	-0.000e+00	-0.000e+00	-0.000e+00
123	2	-0.000e+00	-0.000e+00	+3.275e+02	-0.000e+00	-0.000e+00	-0.000e+00
123	3	-0.000e+00	-0.000e+00	+3.281e+02	-0.000e+00	-0.000e+00	-0.000e+00
123	4	-0.000e+00	-0.000e+00	+3.282e+02	-0.000e+00	-0.000e+00	-0.000e+00
123	5	-0.000e+00	-0.000e+00	+4.277e+02	-0.000e+00	-0.000e+00	-0.000e+00
123	6	-0.000e+00	-0.000e+00	+4.255e+02	-0.000e+00	-0.000e+00	-0.000e+00
123	7	-0.000e+00	-0.000e+00	+4.278e+02	-0.000e+00	-0.000e+00	-0.000e+00
123	8	-0.000e+00	-0.000e+00	+3.289e+02	-0.000e+00	-0.000e+00	-0.000e+00
123	9	-0.000e+00	-0.000e+00	+3.275e+02	-0.000e+00	-0.000e+00	-0.000e+00
123	10	-0.000e+00	-0.000e+00	+3.290e+02	-0.000e+00	-0.000e+00	-0.000e+00
123	11	-0.000e+00	-0.000e+00	+3.289e+02	-0.000e+00	-0.000e+00	-0.000e+00
123	12	-0.000e+00	-0.000e+00	+3.275e+02	-0.000e+00	-0.000e+00	-0.000e+00
123	13	-0.000e+00	-0.000e+00	+3.290e+02	-0.000e+00	-0.000e+00	-0.000e+00

COMUNE DI PRAIANO cc_g976 0007113 Uscita 07/08/2025 15:08
COMUNE DI PRAIANO cc_g976 0007619 Ingresso 09/09/2024 12:39

11.1.1 Verifica elementi portanti da ponteggio

Verifica elementi portanti da ponteggio
Il presente documento riporta la verifica degli elementi strutturali da ponteggio secondo le norme CNR-UNI 10011 e il D.M. 17.01.2018.

Legenda

Dati di input (in ordine di inserimento)

Acciaio	-	Classe di resistenza dell'acciaio
Profilo	-	Tipo di profilo utilizzato
L	-	Lunghezza dell'elemento
β	-	Coefficiente di vincolo per il calcolo della lunghezza libera di inflessione
ψ	-	Coefficiente di adattamento plastico o Coefficiente di forma
v	-	Parametro per le verifiche alle tensioni ammissibili
α	-	Fattore di imperfezione
N	-	Sforzo normale
M	-	Momento flettente
V	-	Taglio

Dati di output (in ordine di calcolo)

f_{yk}	-	Tensione caratteristica di snervamento
σ_{amm}	-	Tensione ammissibile
A	-	Area della sezione resistente
A_V	-	Area della sezione resistente a taglio
J	-	Momento di inerzia della sezione resistente
W	-	Modulo di resisitenza della sezione resistente
i	-	Raggio di inerzia della sezione resistente
D	-	Diametro esterno del tubolare
s	-	Spessore del tubolare
L_0	-	Lunghezza libera di inflessione
L_{min}	-	Lunghezza limite per avere λ inferiore o uguale a 200
λ	-	Snellezza dell'asta
ω	-	Coefficiente maggiorativo della forza assiale per tenere conto dei fenomeni di instabilità
N_{Max}	-	Valore massimo dellla forza assiale sopportabile per fenomeni di instabilità
σ_{CR}	-	Tensione critica euleriana
N_{CR}	-	Valore critico della forza assiale
$\lambda_$	-	Snellezza normalizzata
Φ	-	Coefficiente per il calcolo dei parametri di instabililtà (vedi [4.2.44] D.M. 17.01.2018)
χ	-	Coefficiente per la verifica di instabilità di aste compresse (vedi [4.2.44] D.M. 17.01.2018)
$N_{b,RD}$	-	Resistenza di progetto all'instabilità
σ_N	-	Tensione normale dovuta alla forza assiale
σ_M	-	Tensione normale dovuta al momento flettente
τ	-	Tensione tangenziale dovuta al taglio
σ_{ID}	-	Tensione ideale
FS	-	Fattore di sicurezza

Normativa di riferimento
D.M. 17.01.2018 - Aggiornamento delle Norme tecniche per le costruzioni, Ministero Infrastrutture e Trasporti
Circ. Min. n.7 del 21.01.2019 - Istruzioni per l'applicazione ... , Ministero delle Infrastrutture e Trasporti
CNR UNI 10011:1988 - Costruzioni di acciaio. Istruzioni per il calcolo, l' esecuzione, il collaudo e la manutenzione.
UNI EN 12811-1:2004 - Attrezzature provvisionali di lavoro. Parte 1: Ponteggi - Requisiti prestazionali ....

Versione
STX201802-TubiGiunti

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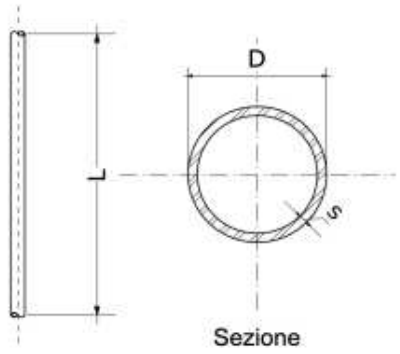
Verifica elementi portanti da ponteggio

Oggetto:

Caratteristiche meccaniche

Acciaio S 235 — f_{yk} = 235 MPa; σ_{amm} = 160 MPa



Caratteristiche geometriche del profilo

Profilo: Tubo Dalmine

D =	48,3	mm
s =	3,2	mm
A =	453	mm^2
A_V =	289	mm^3
J =	11,59	cm^4
W =	6,52	cm^3
i =	1,6	cm

L	1800	mm
β	1	
L_0 =	1800	mm
L_{min} =	3200	mm
λ =	113	

Parametri di calcolo secondo CNR 10011

ω =	1,89		(Prospetto 7-IIc, 7-III-c, 7-IV-c CNR-UNI 10011:1988)
N_{Max} =	38349	N	
ψ	1		($\psi \geq 1$, valore cautelativo pari a 1)
v	1,5		(1,5 per Tensioni Ammissibili CNR-UNI 10011:1988)
σ_{CR} =	159	MPa	(Prospetto 7-VII CNR-UNI 10011:1988)
N_{CR} =	72027	N	

Parametri di calcolo secondo D.M. 17.01.2018

N_{CR} =	74141	N	
$\lambda_$ =	1,20		
α	0,49		(0,49 per tubi formati a freddo)
Φ =	1,463		
χ =	0,435		
$N_{b,RD}$ =	42059	N	

Caratteristiche di sollecitazione (CDS)

	N (N)	M (N m)	V (N)	$N_{pl,d}$ (N)	$M_{pl,d}$ (N m)	$V_{pl,d}$ (N)	$M_{pl,d}$ (N m)
SLE				42059	1393	35646	1393

Verifica di resistenza e stabilità secondo CNR 10011

σ_N (MPa)	σ_M (MPa)	τ (MPa)	σ_{ID} (MPa)	σ_{amm} (MPa)	FS
0,00	0,00	0,00	0	160	

Verifica di resistenza e stabilità secondo DM 17.01.2018

σ_N (MPa)	σ_M (MPa)	τ (MPa)	σ_{ID} (MPa)	σ_{amm} (MPa)	FS
0,00	0,00	0,00	0	224	

Verifica elemento tubolare secondo UNI EN 12811-1:2004

N / $N_{pl,d}$ =	0,000
V / $V_{pl,d}$ =	0,000
M / $M_{pl,N,d}$ =	0,000

Note:
Per l'acciaio è stato utilizzato il seguente coefficiente di sicurezza: γ_M = 1,10 (UNI EN 12811-1:2004).

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Valori di omega e tensioni critiche (CNR 10011)

λ	Fe 360	Fe 430	Fe 510	σ_{CR} (MPa)
1	1,00	1,00	1,00	
2	1,00	1,00	1,00	
3	1,00	1,00	1,00	
4	1,00	1,00	1,00	
5	1,00	1,00	1,00	
6	1,00	1,00	1,00	
7	1,00	1,00	1,00	
8	1,00	1,00	1,00	
9	1,00	1,00	1,00	
10	1,00	1,00	1,00	20331
11	1,00	1,00	1,00	16803
12	1,00	1,00	1,00	14119
13	1,00	1,00	1,00	12030
14	1,00	1,00	1,00	10373
15	1,00	1,00	1,00	9036
16	1,00	1,00	1,00	7942
17	1,00	1,00	1,00	7035
18	1,00	1,00	1,01	6275
19	1,00	1,00	1,01	5632
20	1,00	1,01	1,01	5083
21	1,01	1,01	1,02	4610
22	1,01	1,01	1,02	4201
23	1,01	1,01	1,02	3843
24	1,01	1,02	1,03	3530
25	1,01	1,02	1,03	3253
26	1,02	1,02	1,03	3008
27	1,02	1,03	1,04	2789
28	1,02	1,03	1,04	2593
29	1,03	1,03	1,04	2418
30	1,03	1,04	1,05	2259
31	1,03	1,04	1,05	2116
32	1,03	1,04	1,06	1985
33	1,04	1,04	1,06	1867
34	1,04	1,05	1,06	1759
35	1,04	1,05	1,07	1660
36	1,05	1,05	1,07	1560
37	1,05	1,06	1,08	1485
38	1,05	1,06	1,08	1408
39	1,06	1,07	1,09	1337
40	1,06	1,07	1,10	1271
41	1,06	1,07	1,10	1209
42	1,07	1,08	1,11	1153
43	1,07	1,08	1,11	1100
44	1,07	1,09	1,12	1050
45	1,08	1,09	1,13	1004
46	1,08	1,10	1,13	961
47	1,09	1,10	1,14	920
48	1,09	1,11	1,15	882
49	1,10	1,12	1,15	847
50	1,10	1,12	1,16	813
51	1,11	1,13	1,17	782
52	1,11	1,13	1,18	752
53	1,12	1,14	1,18	724
54	1,12	1,14	1,19	697
55	1,13	1,15	1,20	672
56	1,13	1,16	1,21	648
57	1,14	1,16	1,22	626
58	1,14	1,17	1,23	604
59	1,15	1,18	1,24	584
60	1,16	1,18	1,25	565
61	1,16	1,19	1,26	546
62	1,17	1,20	1,27	529
63	1,17	1,20	1,28	512
64	1,18	1,21	1,29	496
65	1,18	1,22	1,31	481
66	1,19	1,23	1,32	467

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67	1,20	1,24	1,33	453
68	1,20	1,25	1,35	440
69	1,21	1,26	1,36	427
70	1,22	1,27	1,38	415
71	1,23	1,28	1,39	403
72	1,24	1,29	1,41	392
73	1,24	1,30	1,43	382
74	1,25	1,31	1,45	371
75	1,26	1,32	1,47	361
76	1,27	1,33	1,48	352
77	1,28	1,35	1,50	343
78	1,29	1,36	1,53	334
79	1,29	1,37	1,55	326
80	1,31	1,39	1,57	318
81	1,32	1,40	1,59	310
82	1,33	1,42	1,61	302
83	1,34	1,43	1,64	295
84	1,36	1,45	1,66	288
85	1,37	1,46	1,69	281
86	1,38	1,48	1,71	275
87	1,40	1,50	1,74	269
88	1,41	1,52	1,77	263
89	1,42	1,54	1,79	257
90	1,44	1,55	1,82	251
91	1,45	1,57	1,85	246
92	1,47	1,59	1,88	240
93	1,48	1,62	1,91	235
94	1,50	1,64	1,94	230
95	1,52	1,66	1,97	225
96	1,53	1,68	2,00	221
97	1,55	1,70	2,03	216
98	1,57	1,72	2,06	212
99	1,59	1,75	2,10	207
100	1,61	1,77	2,13	203
101	1,63	1,80	2,16	199
102	1,65	1,82	2,19	195
103	1,67	1,84	2,23	192
104	1,69	1,87	2,26	188
105	1,71	1,90	2,30	184
106	1,73	1,92	2,33	181
107	1,75	1,95	2,37	178
108	1,77	1,98	2,41	174
109	1,79	2,00	2,44	171
110	1,82	2,03	2,48	168
111	1,84	2,06	2,52	165
112	1,86	2,09	2,56	162
113	1,89	2,12	2,60	159
114	1,91	2,15	2,63	156
115	1,94	2,17	2,67	154
116	1,96	2,20	2,71	151
117	1,99	2,23	2,75	149
118	2,01	2,26	2,79	146
119	2,04	2,30	2,83	144
120	2,06	2,33	2,88	141
121	2,09	2,36	2,92	139
122	2,12	2,39	2,96	137
123	2,14	2,42	3,00	134
124	2,17	2,46	3,05	132
125	2,20	2,49	3,09	130
126	2,22	2,52	3,13	128
127	2,25	2,56	3,18	126
128	2,28	2,59	3,22	124
129	2,31	2,62	3,27	122
130	2,34	2,66	3,31	120
131	2,37	2,69	3,36	118
132	2,40	2,73	3,40	117
133	2,43	2,77	3,45	115
134	2,46	2,80	3,49	113

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135	2,49	2,84	3,54	112
136	2,52	2,87	3,59	110
137	2,55	2,91	3,63	108
138	2,58	2,95	3,68	107
139	2,61	2,99	3,73	105
140	2,65	3,02	3,78	104
141	2,68	3,06	3,83	102
142	2,71	3,10	3,88	101
143	2,74	3,14	3,93	99
144	2,78	3,18	3,98	98
145	2,81	3,22	4,03	97
146	2,84	3,26	4,09	95
147	2,88	3,29	4,14	94
148	2,91	3,33	4,19	93
149	2,95	3,37	4,24	92
150	2,98	3,41	4,30	90
151	3,02	3,45	4,35	89
152	3,05	3,49	4,40	88
153	3,08	3,54	4,46	87
154	3,12	3,56	4,51	86
155	3,16	3,62	4,57	85
156	3,19	3,66	4,63	84
157	3,23	3,70	4,68	82
158	3,27	3,74	4,74	81
159	3,30	3,79	4,80	80
160	3,34	3,83	4,86	79
161	3,38	3,88	4,91	78
162	3,41	3,92	4,96	77
163	3,45	3,97	5,02	77
164	3,49	4,01	5,07	76
165	3,53	4,06	5,13	75
166	3,56	4,11	5,19	74
167	3,60	4,15	5,25	73
168	3,64	4,20	5,31	72
169	3,68	4,25	5,37	71
170	3,72	4,29	5,43	70
171	3,76	4,34	5,49	70
172	3,80	4,39	5,56	69
173	3,84	4,44	5,62	68
174	3,88	4,48	5,68	67
175	3,92	4,53	5,74	66
176	3,96	4,58	5,80	66
177	4,01	4,63	5,86	65
178	4,05	4,68	5,93	64
179	4,09	4,73	5,99	63
180	4,14	4,75	6,05	63
181	4,18	4,83	6,12	62
182	4,22	4,88	6,19	61
183	4,27	4,93	6,25	61
184	4,31	4,98	6,32	60
185	4,35	5,03	6,39	59
186	4,40	5,08	6,45	59
187	4,44	5,13	6,52	58
188	4,49	5,18	6,59	58
189	4,53	5,23	6,66	57
190	4,58	5,28	6,72	56
191	4,62	5,34	6,78	56
192	4,67	5,39	6,85	55
193	4,72	5,44	6,92	55
194	4,77	5,50	7,00	54
195	4,81	5,55	7,07	53
196	4,85	5,61	7,14	53
197	4,90	5,66	7,21	52
198	4,94	5,72	7,28	52
199	4,99	5,77	7,36	51
200	5,03	5,83	7,43	51

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Caratteristiche acciai

	f_{yk} (MPa)	f_{tk} (MPa)	f_d (MPa)	σ_{amm} (MPa)
S 235	235	360		160
S 275	275	430		190
S 355	355	510		210
S 450	440	550		210
S 235 GT	235	340		160
Fe 360			235	160
Fe 430			275	190
Fe 510			355	210

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11.1.2 Presentazione di alcuni risultati rappresentativi

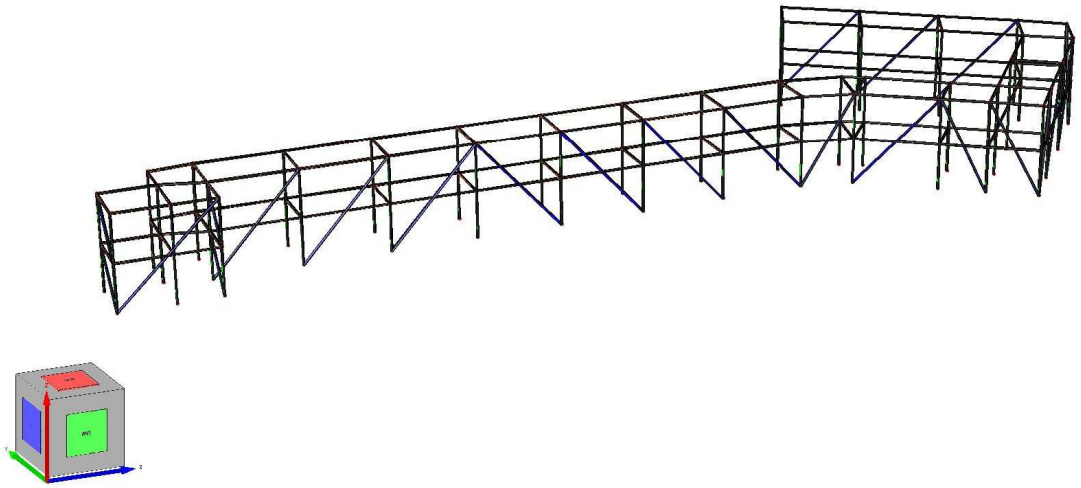

Figura 11.1: Struttura ponteggio.

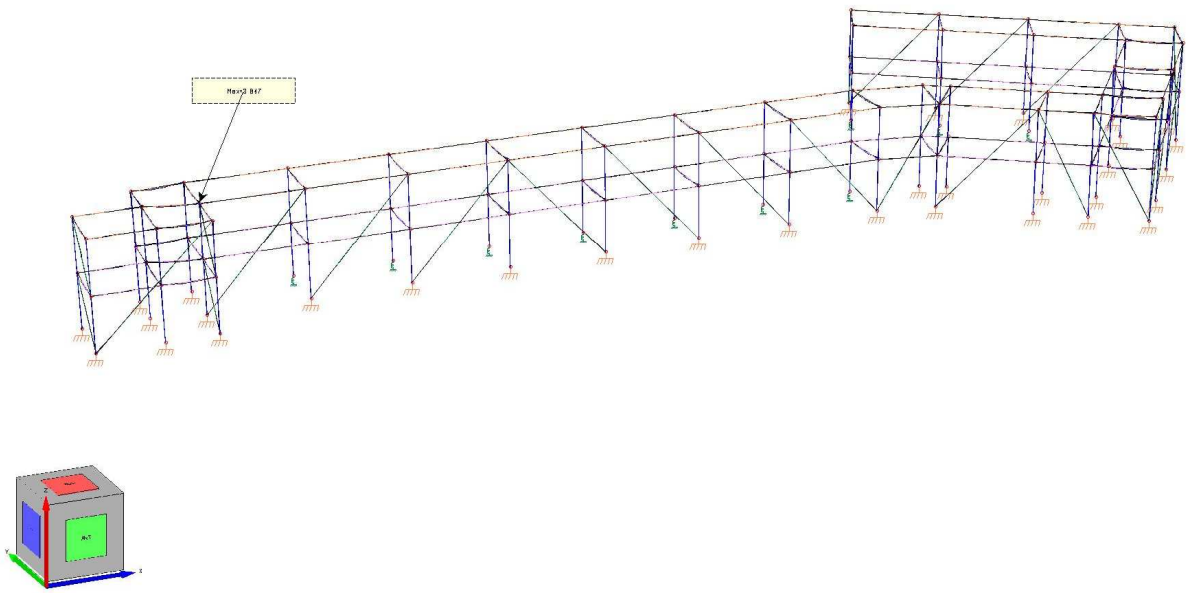

Figura 11.2: Momento_Mz.

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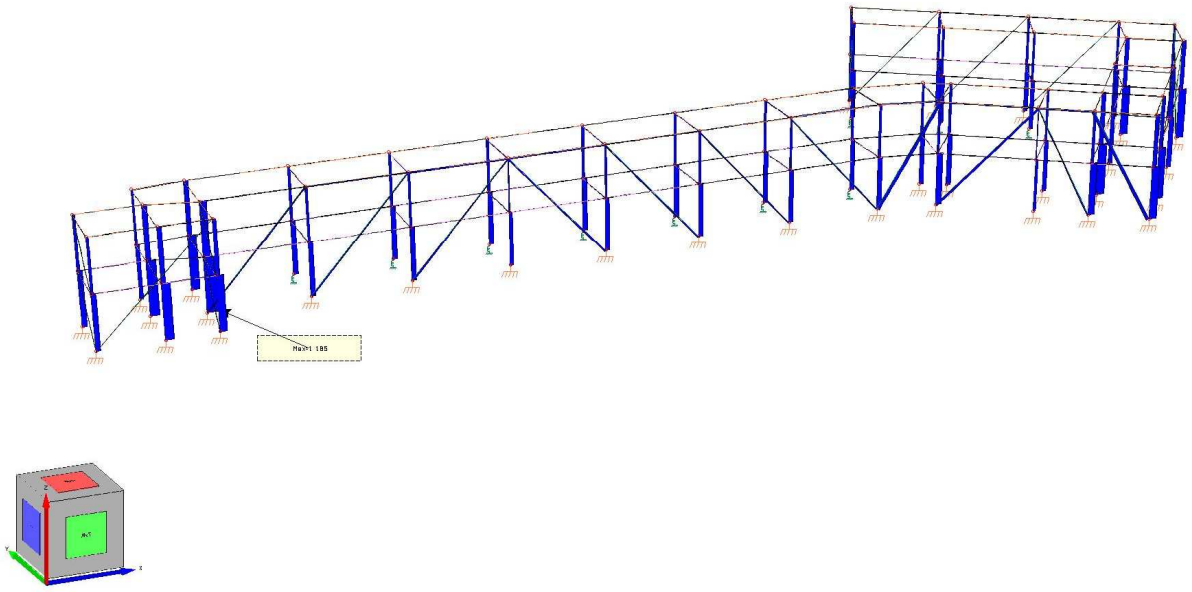

Figura 11.3: Taglio Fx.

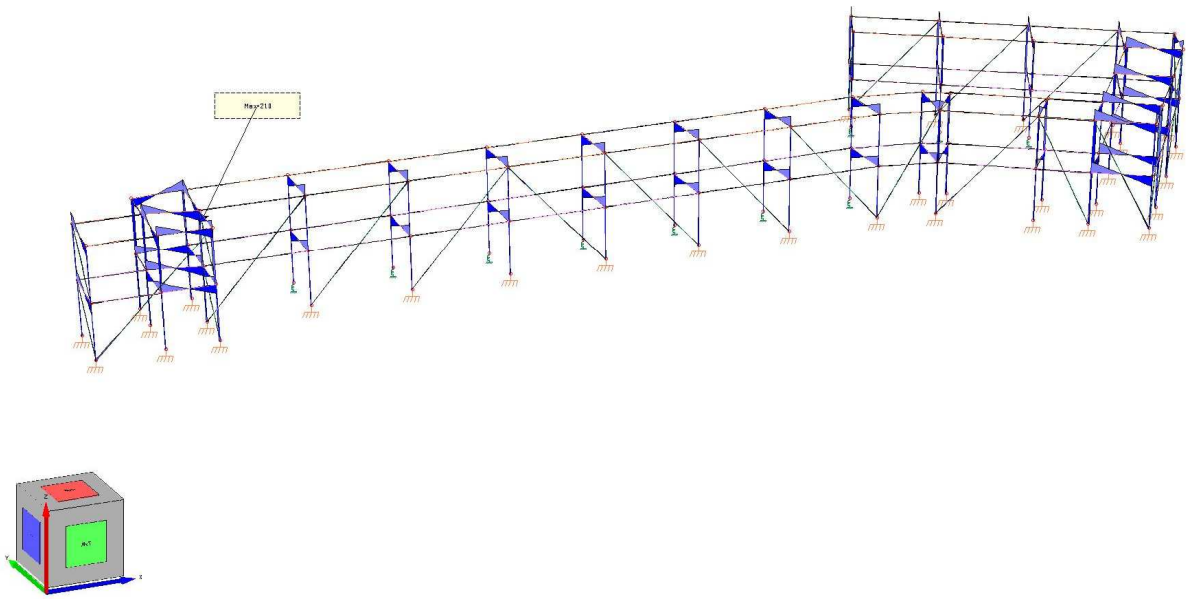

Figura 11.4: Taglio Fy.

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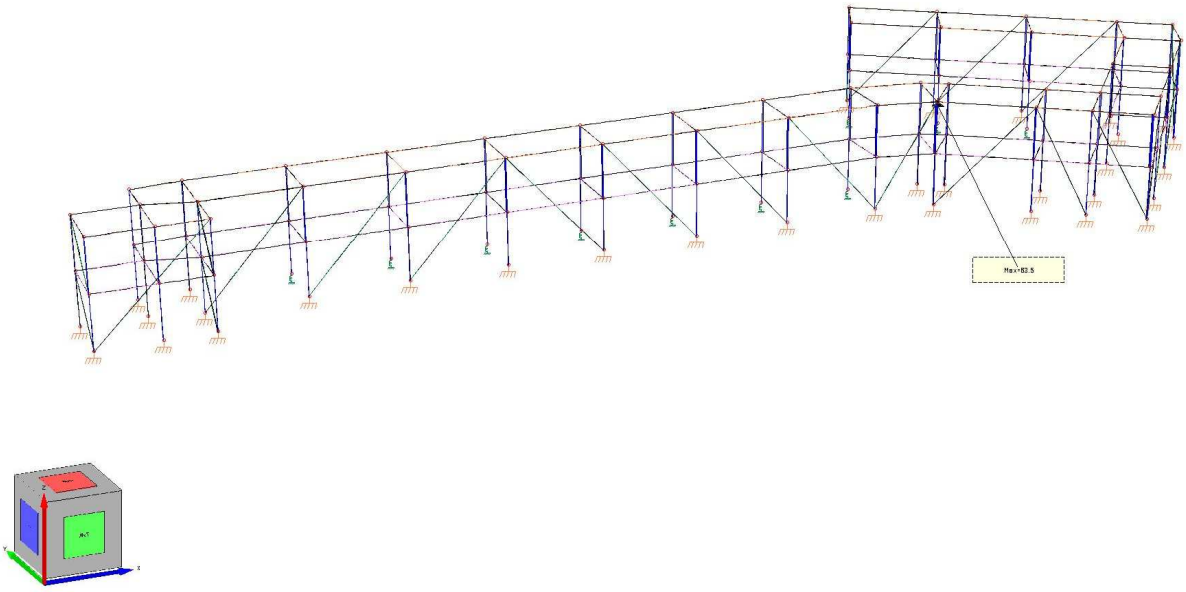

Figura 11.5: Taglio Fz

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12 CONCLUSIONI

Il sottoscritto Ing. Dennis CAMPAGNA, nelle veci di professionista abilitato al calcolo delle strutture relative alla costruzione in argomento, utilizza il software dello Studio Software AMV s.r.l. di Ronchi dei Legionari (GO) denominato MASTERSAP TOP, MASTERARM TOP, MASTERMURI TOP, SOLAI TOP con licenza d'uso n.35955 e n.36235.

Ancora, il medesimo sottoscritto

A T T E S T A

ai sensi dell'art.2 comma 4 della Legge Regionale Campania n.9/1983, che l'elaborazione di calcolo indica le ipotesi, lo schema statico assunto ed una chiara sintesi dei risultati; infatti :

1. i calcoli sono stati eseguiti secondo le norme sismiche di cui al D.M. Infrastrutture del 17/01/2018, al fine di accertare la capacità di resistenza della struttura a farsi alle azioni statiche;
2. l'analisi sismica adottata è di tipo Statica;
3. la categoria di sottosuolo ipotizzata è di tipo **A**;
4. la categoria topografica è di tipo **T2**;
5. la classe d'uso ipotizzata è la **I**;
6. le verifiche locali di sicurezza dei singoli elementi considerati (pilastri, travi, solai, ecc..), condotte partendo dalle conoscenze di base delle caratteristiche dei materiali e dal metodo semiprobabilistico di verifica agli stati limite considerando un comportamento in campo elastico e post-elastico fino a rottura, hanno dato risultati positivi, dal momento che le resistenze di progetto (Rd) risultano maggiori delle sollecitazioni prodotte dalle azioni di progetto (Ed), così come prescritto al punto 2.3 delle N.T.C. 2018 - D.M. Infrastrutture del 17/01/2018: Rd > Ed;
7. l'affidabilità dei risultati ottenuti dall'analisi automatica, in quanto la valutazione complessiva è stata effettuata con il confronto dei predetti risultati con i risultati di semplici calcoli di larga massima, ottenuti con metodi tradizionali in forma analitica.

Sulla scorta di quanto detto, in base alle ipotesi assunte alla base della verifica strutturale, il sottoscritto può concludere che la struttura dell'edificio in oggetto è CONFORME alla normativa vigente D.M. Infrastrutture del 17/01/2018.

Tanto doveva per l'incarico affidatogli.

Praiano, Settembre 2024

In fede

il Progettista Strutturale
(ing. Dennis CAMPAGNA)

ORDINE DEGLI INGEGNERI PROVINCIA DI PORDENONE
Dennis Campagna
n. 1309 Sez. A
Civile e ambientale
Industriale
Dell'Informazione

Interventi volti all'installazione di un ponteggio nell'ambito del progetto di riqualificazione paesaggistica ed ambientale del Complesso denominato "La Torricella" ed aree annesse.