

COMMITTENTE:



ALTA
SORVEGLIANZA:



GENERAL CONTRACTOR:



**INFRASTRUTTURE FERROVIARIE STRATEGICHE DEFINITE DALLA LEGGE
OBIETTIVO N. 443/01**

LINEA AV/AC TORINO – VENEZIA Tratta VERONA – PADOVA

Lotto funzionale Verona – Bivio Vicenza

PROGETTO ESECUTIVO

SL - SOTTOVIA

SL10 - PROLUNGAMENTO SOTTOVIA ESISTENTE AL KM 30+414.37

GENERALE

Relazione di calcolo

GENERAL CONTRACTOR		DIRETTORE LAVORI		SCALA -
IL PROGETTISTA INTEGRATORE	Consorzio Iricav Due ing. Paolo CARMONA Data: Settembre 2021			

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1 PREMESSA

La presente relazione afferisce ai calcoli e alle verifiche strutturali del prolungamento del sottovia ferroviario esistente denominato 'SL10', ubicato al km 30+414.37, nell'ambito della redazione dei documenti tecnici relativi alla progettazione esecutiva della Linea AV/AC Verona - Padova, Sub tratta Verona – bivio Vicenza, 1° sub lotto Montebello Vicentino - Vicenza.

La struttura scatolare a doppia canna è del tipo gettato in opera ed ha dimensioni interne complessive 13.80 x 6.50 m (ciascuna canna ha una larghezza interna di 6.50 m), con soletta di copertura di spessore 1.00 m, piedritti di spessore 1.00 m, setto centrale di spessore 0.80 m e soletta di fondazione di spessore 1.00 m. La distanza tra la quota del piano del ferro e l'estradosso della soletta superiore è pari a 0.95 m. L'opera presenta uno sviluppo longitudinale di 11.80 m. L'asse del sottopasso risulta inclinato di 89° rispetto all'asse ferroviario (vi è pertanto un'inclinazione di 1° rispetto alla sezione in retto). Si individua nello stralcio planimetrico riportato a seguire l'ubicazione del sottovia in esame.

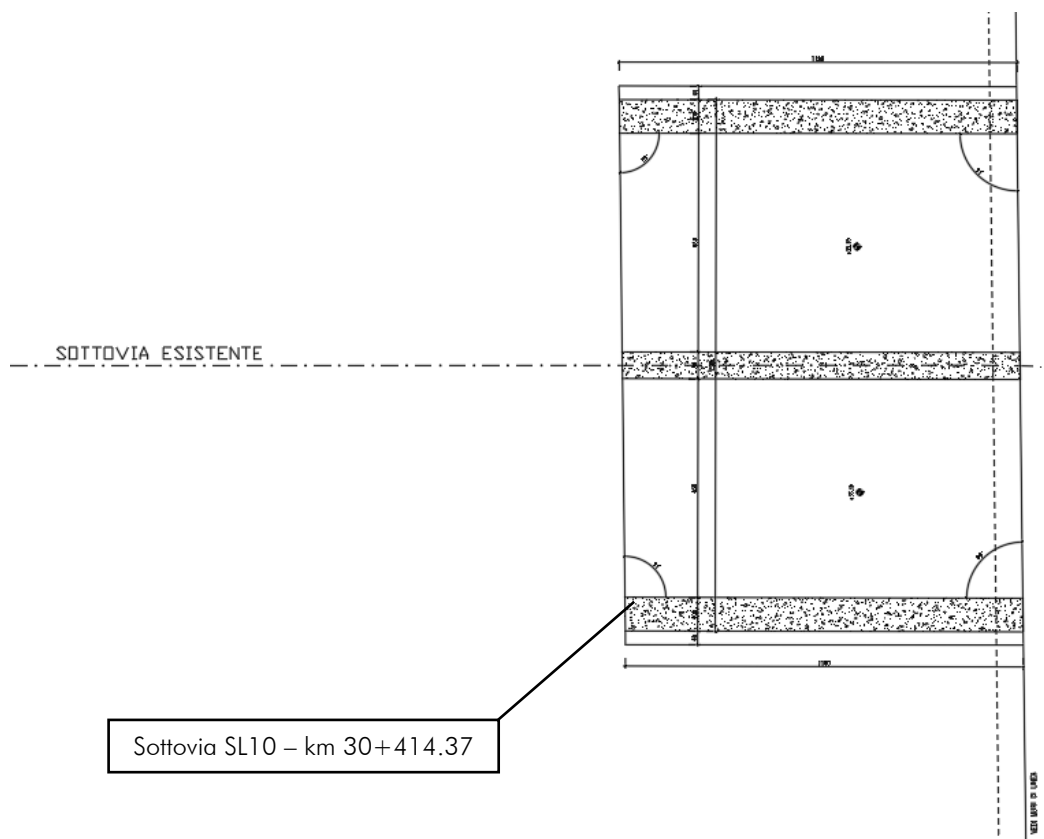


Figura 1.1: Stralcio planimetrico – Ubicazione sottovia SL10

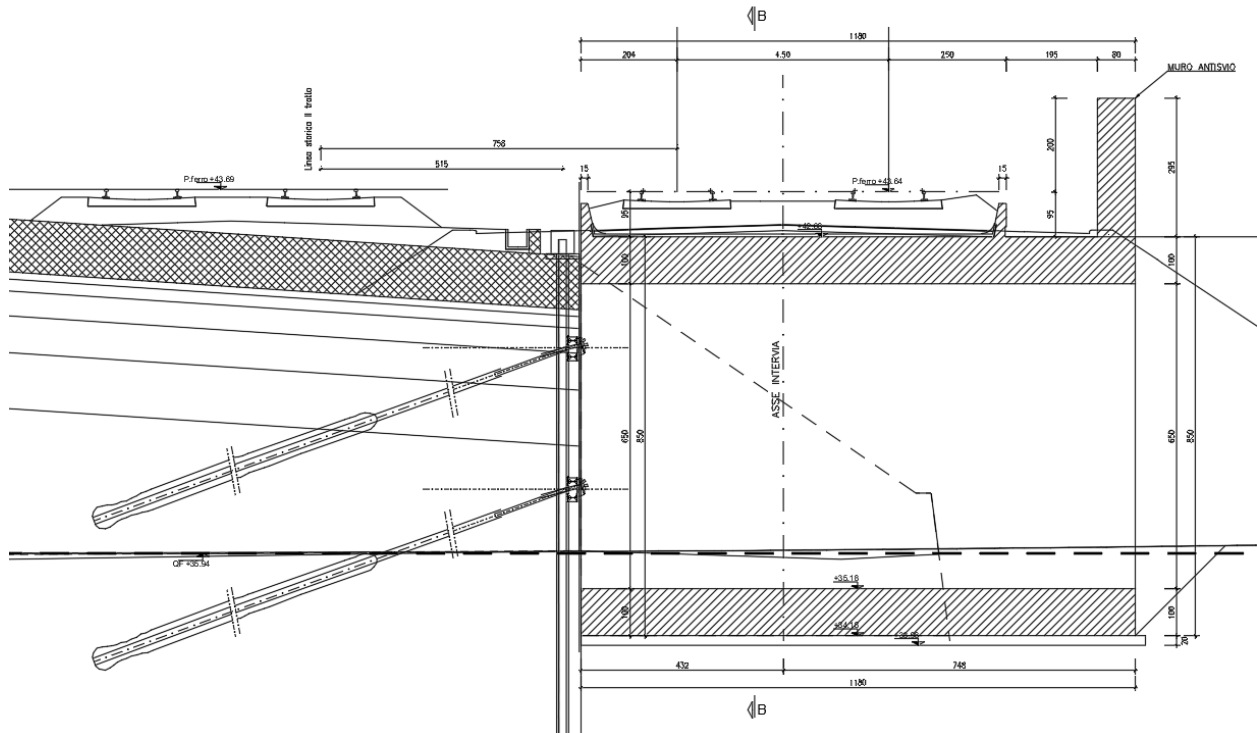


Figura 1.2: Sezione longitudinale sottovia SL10

Si riporta la sezione di calcolo:

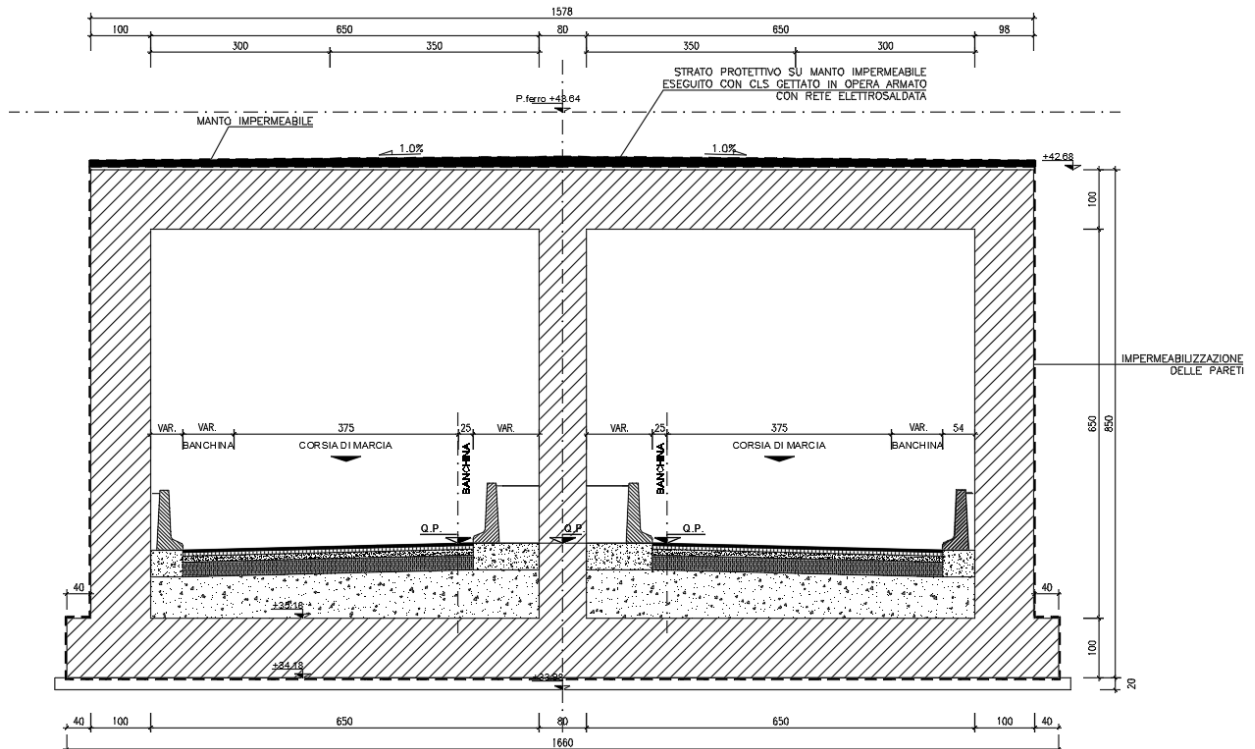






Figura 1.3: Sezione di calcolo sottovia SL10

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Le strutture sono state progettate coerentemente con quanto previsto dalla normativa "Norme Tecniche per le Costruzioni"- DM 14.1.2008 e Circolare n .617 "Istruzioni per l'applicazione delle Nuove Norme Tecniche per le Costruzioni".

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2 NORMATIVA DI RIFERIMENTO

L'analisi dell'opera e le verifiche degli elementi strutturali sono state condotte in accordo con le disposizioni legislative in elenco e in particolare con le seguenti norme e circolari:

- Decreto Ministeriale del 14 Gennaio 2008: "Norme Tecniche per le Costruzioni".
- Circolare M.LL.PP. n. 617 del 2 Febbraio 2009: Istruzioni per l'applicazione delle "Nuove Norme Tecniche per le Costruzioni di cui al Decreto Ministeriale del 14/01/2008".

Si è tenuto inoltre conto dei seguenti documenti:



- UNI EN 1990 – Aprile 2006: Eurocodice: Criteri generali di progettazione strutturale.
- UNI EN 1991-1-1 – Agosto 2004: Eurocodice 1 – Parte 1-1: Azioni in generale – Pesì per unità di volume, pesì propri e sovraccarichi variabili.
- UNI EN 1991-1-4 – Luglio 2005: Eurocodice 1. Azioni sulle strutture. Parte 1-4: Azioni in generale - Azioni del vento.
- UNI EN 1992-1-1 – Novembre 2005: Eurocodice 2 – Progettazione delle strutture di calcestruzzo - Parte 1-1: Regole generali e regole per gli edifici.
- UNI EN 1992-2 – Gennaio 2006: Eurocodice 2. Progettazione delle strutture di calcestruzzo. Parte 2: Ponti di calcestruzzo – Progettazione e dettagli costruttivi.
- UNI-EN 1997-1 – Febbraio 2005: Eurocodice 7. Progettazione geotecnica. Parte 1: Regole generali.
- UNI-EN 1998-1 – Marzo 2005: Eurocodice 8: Progettazione delle strutture per la resistenza sismica. Parte 1: Regole generali, azioni sismiche e regole per gli edifici.
- UNI-EN 1998-5 – Gennaio 2005: Eurocodice 8: Progettazione delle strutture per la resistenza sismica. Parte 5: Fondazioni, strutture di contenimento ed aspetti geotecnici.
- Legge 5-11-1971 n° 1086: "Norme per la disciplina delle opere di conglomerato cementizio armato, normale e precompresso, ed a struttura metallica".
- Legge. 2 febbraio 1974, n. 64.: "Provvedimenti per le costruzioni con particolari prescrizioni per le zone sismiche".
- UNI EN 206-1-2016: Calcestruzzo. "Specificazione, prestazione, produzione e conformità".
- UNI 11104:2016 "Calcestruzzo - Specificazione, prestazione, produzione e conformità - Specificazioni complementari per l'applicazione della EN 206".
- RFI DTC SI MA IFS 001 B – Dicembre 2017: Manuale di progettazione delle opere civili.

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3 UNITÀ DI MISURA

Le unità di misura usate nella presente relazione sono:

- lunghezze [m]
- forze [kN]
- momenti [kNm]
- tensioni [MPa]

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4 CARATTERISTICHE DEI MATERIALI

4.1 CALCESTRUZZO

Per la realizzazione dello scatolare, si prevede l'utilizzo di calcestruzzo avente classe di resistenza 32/40 ($R_{ck} \geq 40.00 \text{ N/mm}^2$) che presenta le seguenti caratteristiche:

Resistenza caratteristica a compressione (cilindrica)

$$f_{ck} = 0.83 \times R_{ck} = 33.20 \text{ N/mm}^2$$

Resistenza media a compressione

$$f_{cm} = f_{ck} + 8 = 41.20 \text{ N/mm}^2$$

Modulo elastico

$$E_{cm} = 22000 \times (f_{cm}/10)^{0.3} = 33643 \text{ N/mm}^2$$

Resistenza di calcolo a compressione

$$f_{cd} = a_c \times f_{ck} / \gamma_c = 0.85 \times f_{ck} / 1.5 = 18.81 \text{ N/mm}^2$$

Resistenza a trazione media

$$f_{ctm} = 0.30 \times f_{ck}^{2/3} = 3.10 \text{ N/mm}^2$$

Resistenza a trazione

$$f_{ctk} = 0.7 \times f_{ctm} = 2.17 \text{ N/mm}^2$$

Resistenza a trazione di calcolo

$$f_{ctd} = f_{ctk} / \gamma_c = 1.45 \text{ N/mm}^2$$

Resistenza a compressione (comb. Rara)

$$\sigma_c = 0.55 \times f_{ck} = 18.26 \text{ N/mm}^2$$

Resistenza a compressione (comb. Quasi permanente)

$$\sigma_c = 0.40 \times f_{ck} = 13.28 \text{ N/mm}^2$$

4.2 ACCIAIO PER ARMATURE ORDINARIE

Classe acciaio per armature ordinarie B450C

Tensione di snervamento caratteristica $f_{yk} \geq 450 \text{ MPa}$

Tensione caratteristica di rottura $f_t \geq 540 \text{ MPa}$

Modulo di elasticità $E_s = 210000 \text{ MPa}$

4.3 COPRIFERRI



Si riportano di seguito i copriferri nominali per le strutture in calcestruzzo armato:

Strutture di elevazione 5.0 cm

Strutture di fondazione 5.0 cm



4.4 DURABILITÀ E PRESCRIZIONI SUI MATERIALI

Per garantire la durabilità delle strutture in calcestruzzo armato ordinario, esposte all'azione dell'ambiente, si devono adottare i provvedimenti atti a limitare gli effetti di degrado indotti dall'attacco chimico, fisico e derivante dalla corrosione delle armature e dai cicli di gelo e disgelo.

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Si adotta quanto segue:

Fondazione	Classe di esposizione	XC2
Elevazione	Classe di esposizione	XC4

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5 PARAMETRI SISMICI

Per la definizione dell'azione sismica occorre definire il periodo di riferimento P_{VR} in funzione dello stato limite considerato. La vita nominale (V_N) dell'opera è stata assunta pari a 100 anni.

La classe d'uso assunta è la III. Il periodo di riferimento (V_R) per l'azione sismica, data la vita nominale e la classe d'uso, vale:

$$V_R = V_N \times C_u = 100 \times 1.5 = 150 \text{ anni.}$$

Il valore di probabilità di superamento del periodo di riferimento P_{VR} , cui riferirsi per individuare l'azione sismica agente, è:

$$P_{VR} \text{ (SLV)} = 10\%.$$

Il periodo di ritorno dell'azione sismica T_R espresso in anni vale:

$$T_R \text{ (SLV)} = - \frac{V_r}{\ln(1 - P_{VR})} = 1424 \text{ anni}$$

Dato il valore del periodo di ritorno suddetto, tramite le tabelle riportate nell'Allegato B della norma o tramite la mappatura messa a disposizione in rete dall'Istituto Nazionale di Geofisica e Vulcanologia (INGV), è possibile definire i valori di a_g , F_0 , T^*_c :

a_g → accelerazione orizzontale massima del terreno su suolo di categoria A, espressa come frazione dell'accelerazione di gravità;

F_0 → valore massimo del fattore di amplificazione dello spettro in accelerazione orizzontale;

T^*_c → periodo di inizio del tratto a velocità costante dello spettro in accelerazione orizzontale;

S → coefficiente che comprende l'effetto dell'amplificazione stratigrafica (S_s) e dell'amplificazione topografica (S_t);

Il calcolo viene eseguito con il metodo pseudostatico (N.T.C. par. 7.11.6). In queste condizioni l'azione sismica è rappresentata da una forza statica equivalente pari al prodotto delle forze di gravità per un opportuno coefficiente sismico.

Le spinte delle terre, considerando lo scatolare una struttura rigida e priva di spostamenti (NTC par. 7.11.6.2.1 e EC8-5 par.7.3.2.1), sono calcolate in regime di spinta a riposo, condizione che comporta il calcolo delle spinte in condizione sismica con l'incremento dinamico di spinta del terreno calcolato secondo la formula di Wood:

$$\Delta P_d = S a_g / g \gamma h_{tot}^2$$

L'azione sismica è rappresentata da un insieme di forze statiche orizzontali e verticali, date dal prodotto delle forze di gravità per le accelerazioni sismiche massime attese al suolo, considerando la componente verticale agente verso l'alto o verso il basso, in modo da produrre gli effetti più sfavorevoli.

I valori delle caratteristiche sismiche per lo SLV sono i seguenti:



Latitudine: 45.255875

Longitudine: 11.220473

$a_g = 0.212 \text{ g}$;

$F_0 = 2.435$;

$T^*_c = 0.288 \text{ s}$.

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Il sottosuolo su cui insiste l'opera ricade in categoria sismica "C" e categoria topografica "T1". I coefficienti di amplificazione stratigrafica e topografica risultano quindi:

$$S_S = 1.390;$$

$$S_T = 1.0.$$

Risulta quindi:

$$a_{max} = 2.894 \text{ m/s}^2;$$

$$k_h = 0.295;$$

$$k_v = \pm 0.148$$



con:

$$a_{max} = S \cdot a_g = S_S \cdot S_T \cdot a_g$$

$$k_h = \beta_m \cdot \frac{a_{max}}{g}$$

$$k_v = \pm 0.5 \cdot k_h$$

Nel caso in esame, poiché l'opera non è in grado di subire spostamenti relativi rispetto al terreno, il coefficiente β_m assume valore unitario.

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6 CARATTERIZZAZIONE GEOTECNICA

6.1 RILEVATI E RINTERRI

Sono riassunte nel prospetto riportato di seguito le caratteristiche del terreno dei rilevati ferroviari esistenti e di nuova progettazione (con γ pari al peso specifico del terreno; γ_{sat} pari al peso specifico saturo del terreno; c' pari alla coesione; ϕ' pari all'angolo di attrito; K_0 coefficiente di spinta a riposo):

Parametri del rilevato ferroviario				
γ	γ_{sat}	c'	ϕ'	k_0
(kN/m ³)	(kN/m ³)	(kPa)	(°)	(-)
20.00	20.00	0.0	38.0	0.384

6.2 STRATIGRAFIA E PARAMETRI GEOTECNICI

Si riportano di seguito le caratteristiche geotecniche relative al terreno di fondazione della tratta in cui ricade il sottovia in esame, desunte dagli esiti delle indagini disponibili. Le formazioni indicate nei prospetti di seguito fanno riferimento alle unità geotecniche descritte nel seguente elenco:



- Unità 2 – Limi argillosi compatti;
- Unità 3b – Depositi limoso-argillosi;
- Unità 4 – Sabbie limose;
- Unità 6 – Strato ghiaioso.

La quota rispetto alla quale è individuata la stratigrafia riportata a seguire, corrispondente a 36.1 m s.l.m. , è assunta coincidente col p.c. locale dell'opera in esame intercettato sulla linea.

Per quanto riguarda la falda di progetto, questa è assunta alla quota di 36.1 m s.l.m. , ossia in corrispondenza del p.c. Per ulteriori dettagli circa la posizione della falda di progetto si faccia riferimento alla relazione geotecnica della WBS SL10 in oggetto.

Tabella 1: Stratigrafia e valori caratteristici dei parametri geotecnici di calcolo

Strato	Formazione	spessore strato	z_{base} strato	γ	ϕ'_k	c'_k	c_{uk}	E'	Note
		(m)	(m da p.c.)	(kN/m ³)	(°)	(kPa)	(kPa)	(kN/m ²)	
1	UG3b	2.0	2.0	17.5	22	-	60 - 80	10000 - 15000	
2	UG3b	2.0	4.0	17.5	22	-	25 - 80	5000 - 15000	
3	UG4	3.0	7.0	19	36	0	-	40000	
4	UG3b	5.0	12.0	17.5	22	-	25 - 50	5000 - 15000	
5	UG4	1.5	13.5	19	36	0	-	40000	
6	UG3b	9.0	22.5	17.5	22	-	50 - 80	8000 - 15000	

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Strato	Formazione	spessore strato	z_{base} strato	γ	ϕ'_k	c'_k	c_{uk}	E'	Note
		(m)	(m da p.c.)	(kN/m ³)	(°)	(kPa)	(kPa)	(kN/m ²)	
7	UG6	8.0	30.5	19	36	0	-	250000	
8	UG2	4.5	35.0	18	-	-	100 - 150	20000 - 40000	
z_w		Profondità della falda dal p.c. locale			0.00		m		

LEGENDA

γ = peso di volume naturale;

ϕ'_k = valore caratteristico dell'angolo di attrito;



c'_k = valore caratteristico della resistenza al taglio in condizioni drenate;

c_{uk} = valore caratteristico della coesione non drenata;

E' = modulo elastico del terreno.

6.3 LIQUEFACIBILITA' DEI TERRENI

Non sono stati rilevati livelli di terreni potenzialmente liquefacibili in corrispondenza dell'opera in esame; per maggiori dettagli si rimanda alla relazione geotecnica relativa alla WBS in esame.



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7 GEOMETRIA DELLA STRUTTURA

Nel seguito sarà esaminata una striscia di scatolare avente lunghezza 1.00 m. Si riportano di seguito le dimensioni geometriche della sezione in retto.

Spessore medio del ballast + armamento	$H_b =$	0.95 m
Spessore sovrizzo in curva	$H_{sv} =$	0.00 m
Spessore sub-ballast	$H_{sb} =$	0.00 m
Spessore supercompattato	$H_{sc} =$	0.00 m
Spessore rinterro	$H_r =$	0.00 m
Spessore massetto impermeabilizzazione	$H_m =$	0.00 m
Larghezza totale dello scatolare	$L_{tot} =$	15.80 m
Larghezza utile dello scatolare	$L_{int} =$	13.80 m
Larghezza mensola di fondazione sinistra	$L_{msx} =$	0.40 m
Larghezza mensola di fondazione destra	$L_{mdx} =$	0.40 m
Spessore della soletta di copertura	$S_s =$	1.00 m
Spessore piedritti	$S_p =$	1.00 m
Spessore ritto centrale	$S_{pc} =$	0.80 m
Spessore della soletta di fondazione	$S_f =$	1.00 m
Altezza libera dello scatolare	$H_{int} =$	6.50 m
Altezza totale dello scatolare	$H_{tot} =$	8.50 m
Quota falda da intradosso fondazione	$H_w =$	1.92 m
Larghezza striscia di calcolo	$b =$	1.00 m

L'asse del sottopasso risulta inclinato di 89° rispetto all'asse ferroviario (vi è pertanto un'inclinazione di 1° rispetto alla sezione in retto).

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8 ANALISI DEI CARICHI

Nel seguente paragrafo si descrivono le condizioni di carico elementari assunte per l'analisi delle sollecitazioni e per le verifiche della struttura in esame. Tali condizioni di carico elementari saranno opportunamente combinate secondo quanto previsto dalla normativa vigente.

Per i materiali si assumono i seguenti pesi specifici:

calcestruzzo armato: $\gamma_{c.a.} = 25 \text{ kN/m}^3$;

sovrastuttura stradale: $\gamma_{ril} = 18 \text{ kN/m}^3$;

massicciata + armamento: $\gamma_b = 18 \text{ kN/m}^3$.

8.1 CONDIZIONI DI CARICO

8.1.1 Peso proprio strutturale (PP)

Il peso proprio delle solette e dei piedritti risulta:

Peso soletta superiore $P_{ss} = 25.00 \times 1.00 = 25.00 \text{ kN/m}$

Peso soletta inferiore $P_{si} = 25.00 \times 1.00 = 25.00 \text{ kN/m}$

Peso piedritti $P_p = 25.00 \times 1.00 = 25.00 \text{ kN/m}$

Peso setto centrale $P_{sc} = 25.00 \times 0.80 = 20.00 \text{ kN/m}$

8.1.2 Carichi permanenti portati (PERM)

8.1.2.1 Soletta superiore



Ballast e armamento	0.95 m	x	18.00 kN/mc =	17.10 kN/mq
Sovralzo per linee in curva	0.00 m	x	20.00 kN/mc =	0.00
kN/mq				
Sub-ballast	0.00 m	x	20.00 kN/mc =	0.00
kN/mq				
Supercompattato	0.00 m	x	20.00 kN/mc =	0.00
kN/mq				
Rinterro	0.00 m	x	20.00 kN/mc =	0.00 kN/mq
Massetto impermeabilizzazione	0.00 m	x	25.00 kN/mc =	0.00
kN/mq				

Peso totale permanenti portati sulla soletta superiore:

$P_{ps} = 17.10 \text{ kN/m}$

Inoltre si considera, come carico concentrato nei nodi di connessione tra la soletta superiore e i piedritti, il carico permanente dovuto al peso della zona sovrastante la metà dello spessore del piedritto (la modellazione dello scatolare è stata fatta in asse piedritto):

Peso ricoprimento per metà spessore piedritto $P_{ps_p} = 8.55 \text{ kN}$

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8.1.2.2 Soletta inferiore

Sulla soletta inferiore sono stati considerati i carichi permanenti relativi alla sovrastruttura stradale:

Spessore medio sovrastruttura stradale	1.20 m
Peso specifico sovrastruttura stradale	18.0 kN/m ³
Peso sovrastruttura stradale	21.60 kN/m

8.1.3 Spinta del terreno (SPTSX e SPTDX)

La struttura è stata analizzata nella condizione di spinta a riposo.

$$K_0 = 0.384$$

La pressione del terreno è stata calcolata come:

$$P = (P_b + h_{variabile} * \gamma_{terreno_piedritto}) * K_0$$

al di sopra della falda

$$P = [P_b + h_{variabile} * (\gamma_{terreno_piedritto} - \gamma_w)] * K_0$$

al di sotto della falda

per cui risulta quanto segue.

Pressione estradosso soletta superiore	$P_1 = 6.57$ kN/m
Pressione in asse soletta superiore	$P_2 = 10.42$ kN/m
Pressione in asse soletta inferiore	$P_3 = 60.59$ kN/m
Pressione intradosso soletta inferiore	$P_4 = 62.51$ kN/m

Inoltre sono stati considerati, come carichi concentrati nei nodi della copertura e della fondazione, i contributi delle spinte del terreno esercitate su metà spessore delle soletta di copertura e di fondazione.

$$\text{Spinta semispessore soletta di copertura} \quad P_{H.t.cop} = 4.25 \text{ kN}$$

$$\text{Spinta semispessore soletta di fondazione} \quad P_{H.t.fond} = 30.78 \text{ kN}$$

Nella figura seguente si riportano i diagrammi di spinta del terreno agenti sui piedritti.

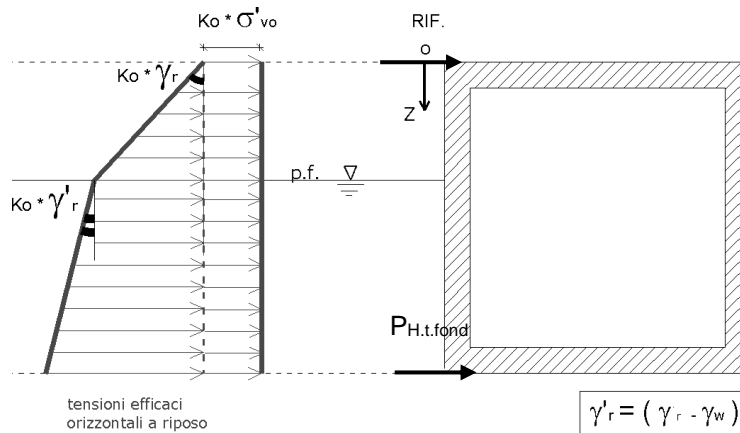




Figura 8.1: SPTSX

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8.1.4 Azioni della falda (SPTW)

Qualora la falda sia posizionata al di sopra del piano di posa della fondazione si considera, in aggiunta alla spinta delle terre sopra definita, la spinta idrostatica esercitata dall'acqua sulle pareti verticali, pari a $S_w = \gamma_w * z$, e la sottospinta idraulica diretta verso l'alto sulla soletta inferiore, pari al prodotto del peso specifico dell'acqua, per l'altezza dello scatolare immerso, $P_w = \gamma_w * h_{imm}$.

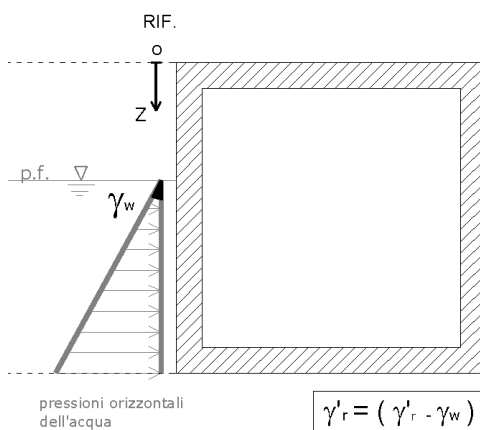


Figura 8.2: SPTW

8.1.5 Azioni termiche (TERM)

Sono stati considerati gli effetti dovuti alle variazioni termiche. In particolare, è stata considerata sulla soletta superiore una variazione termica uniforme di $\pm 15^\circ \text{C}$ ed una variazione termica nello spessore, tra estradosso ed intradosso, pari a $\Delta T_v = \pm 5^\circ \text{C}$. Il valore applicato della variazione termica uniforme viene ridotto di 1/3 per considerare gli effetti viscosi del calcestruzzo, ed è quindi pari a $\pm 5^\circ \text{C}$. Per il coefficiente di dilatazione termica si assume:

$$\alpha = 10 * 10^{-6} = 0.00001 \text{ } ^\circ\text{C}^{-1}.$$

8.1.6 Ritiro (RITIRO)

Il ritiro viene applicato mediante una variazione termica uniforme della copertura, in grado di produrre la stessa deformazione nel calcestruzzo.

I fenomeni di ritiro sono stati considerati agenti sulla sola soletta di copertura ed applicati nel modello come una variazione termica uniforme equivalente pari a:



$$\Delta T_{\text{ritiro}} = -8.77 \text{ } ^\circ\text{C}.$$

Di seguito i risultati delle analisi.

L'analisi delle sollecitazioni viene svolta per una striscia di larghezza unitaria, assumendo la dimensione convenzionale h_0 pari a $2 \times A_c/u$ ed un calcestruzzo C32/40.

Caratteristiche della sezione:

$$B = 1.00 \text{ m}$$

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H = 1.00 m

Caratteristiche del cls a tempo zero:

$f_{ck} = 33.20 \text{ N/mm}^2$ classe del cls
 $f_{cm} = f_{ck} + 8 = 41.20 \text{ N/mm}^2$ resistenza a compressione media

Deformazione da ritiro:

U.R. = 75 % umidità relativa
 $\epsilon_{ca}(t=\infty) = -5.80E-05$ ritiro autogeno
 $\epsilon_{cd}(t=\infty) = -1.88E-04$ ritiro per essiccamento
 $\epsilon_r = \epsilon_{ca} + \epsilon_{cd} = -2.46E-04$

Il ritiro viene considerato nel calcolo delle sollecitazioni come un'azione termica applicata alla soletta superiore di intensità pari a:

$$\alpha \times \Delta T \times E_c = \epsilon_r \times E_c / (1 + \varphi)$$

$$\Delta T = \epsilon_r / [\alpha \times (1 + \varphi)] = -2.46E-04 / [1.00E-05 \times (1 + 1.80)] = -8.77^\circ\text{C}$$

I fenomeni di ritiro vengono considerati agenti solo sulla soletta di copertura.

8.1.7 Azioni variabili da traffico

8.1.7.1 Coefficiente di incremento dinamico



Per il calcolo del coefficiente dinamico Φ si è fatto riferimento al paragrafo 2.5.1.4.2.5 del MdP RFI DTC SI PS MA IFS 001 C, tenendo conto di quanto riportato nella Tabella 2.5.1.4.2.5.3-1. In particolare, poiché la struttura ha altezza libera > 5.0 m e luce libera > 8.0 m, considerando la linea con elevato standard manutentivo, vale quanto segue:

Lunghezza del trasverso	$L_{\text{soletta}} = 13.80 \text{ m}$
Altezza dei piedritti	$H_{\text{int}} = 6.50 \text{ m}$
Ricoprimento	$h_r = 0.95 \text{ m}$
Lunghezza media	$L_m = 8.93 \text{ m}$
Lunghezza caratteristica	$L_\Phi = 11.61$
Coeff. incremento dinamico	$\Phi_2 = 1.14$

In accordo alla normativa tale coefficiente dinamico non verrà ridotto in quanto il ricoprimento è inferiore ad un metro.

8.1.7.2 Larghezza di diffusione

Il sovraccarico ferroviario è stato distribuito dalla rotaia alla quota del piano medio della soletta di copertura assumendo che detta diffusione avvenga con rapporto 4/1 lungo il ballast ed 1/1 nel massetto delle pendenze e nelle strutture in c.a., con un aumento dell'impronta di carico pari a:

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$$\Delta_d = 0.64 \text{ m}$$

La diffusione del carico in senso trasversale all'asse binario risulta dunque pari a:

$$L_d = 2.60 + 2 \Delta_d = 3.88 \text{ m}$$

8.1.7.3 Treno LM71 (ACCM_LM71)

Carichi verticali sulla soletta superiore

Il treno LM71 viene schematizzato da 4 assi da 250 kN disposti ad interasse di 1,60 m e da un carico distribuito di 80 kN/m in entrambe le direzioni per una larghezza illimitata.

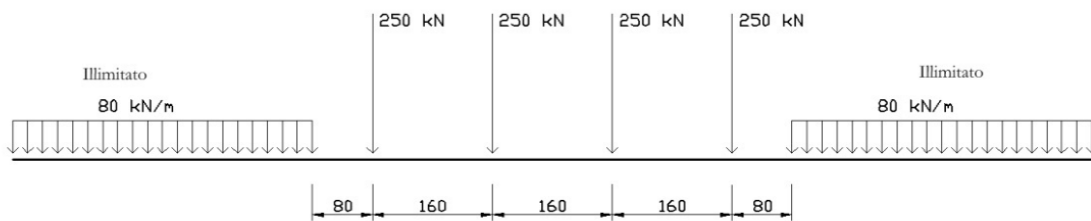


Figura 8.3: Treno LM71

La larghezza di diffusione in direzione longitudinale, considerando una larghezza della traversina pari a 0.30 m, risulta pari a:

$$L_l = 0. + 2 \times \Delta_d = 1.58 \text{ m}$$

Poiché la larghezza è minore dell'interasse degli assi (1.6 m), le larghezze di diffusione dei singoli assi non si sovrappongono..

Si assume una lunghezza totale di diffusione dei quattro carichi concentrati:

$$L_l = 6.08 \text{ m.}$$

Pertanto il carico ripartito dovuto al treno LM71 (considerando il coefficiente di adattamento $\alpha = 1.1$ ed il coefficiente dinamico Φ) risulta:

$$\text{Carico ripartito prodotto dalle forze concentrate } P_{V,Q1.cop} = 53.36 \text{ kN/m}$$



$$\text{Carico ripartito prodotto dal carico distribuito } P_{V,Q2.cop} = 25.93 \text{ kN/m}$$

I carichi del treno LM71 saranno dislocati a cavallo dell'asse di mezzera della soletta superiore per cogliere il valore del massimo momento in campata; ubicandoli, invece, in adiacenza al piedritto di destra, si coglierà il valore del massimo taglio.

8.1.7.4 Treno SW/2 (ACCM_SW2)

Carichi verticali sulla soletta superiore

Tale carico schematizza gli effetti statici prodotti dal traffico ferroviario pesante. Viene schematizzato da un carico lineare uniformemente ripartito di valore pari a 150 kN/m (coefficiente $\alpha = 1,00$):

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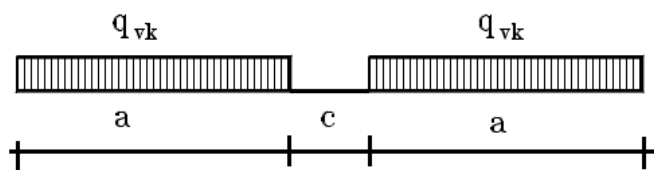


Figura 8.4: Treno di carico SW

Per la struttura scatolare in oggetto risulta:

$$q = q_{vk} / L_{d1} \times \phi = 44.21 \text{ kN/m}$$

Si considera il treno di carico SW/2 applicato su tutta la soletta superiore.

8.1.7.5 Numero di treni contemporanei

Conformemente a quanto riportato nel par. 5.2.3.1.2_Tab.5.2.III del DM 14.1.2008, si sono considerati due treni contemporanei sull'impalcato, sia per il traffico normale che per quello pesante.

Tabella 2: Carichi mobili in funzione del numero di binari presenti sul ponte - Tab.5.2.III del DM 14.1.2008

Numero di binari	Binari Carichi	Traffico normale		Traffico pesante ⁽²⁾
		caso a ⁽¹⁾	caso b ⁽¹⁾	
1	Primo	1,0 (LM 71 ⁺⁺ SW/0 ⁰)	-	1,0 SW/2
2	Primo	1,0 (LM 71 ⁺⁺ SW/0 ⁰)	-	1,0 SW/2
	secondo	1,0 (LM 71 ⁺⁺ SW/0 ⁰)	-	1,0 (LM 71 ⁺⁺ SW/0 ⁰)
≥ 3	Primo	1,0 (LM 71 ⁺⁺ SW/0 ⁰)	0,75 (LM 71 ⁺⁺ SW/0 ⁰)	1,0 SW/2
	secondo	1,0 (LM 71 ⁺⁺ SW/0 ⁰)	0,75 (LM 71 ⁺⁺ SW/0 ⁰)	1,0 (LM 71 ⁺⁺ SW/0 ⁰)
	Altri	-	0,75 (LM 71 ⁺⁺ SW/0 ⁰)	-

⁽¹⁾ LM71 “+” SW/0 significa considerare il più sfavorevole fra i treni LM 71, SW/0

⁽²⁾ Salvo i casi in cui sia esplicitamente escluso

8.1.7.6 Frenatura e avviamento (AVV e FREN)

Le forze di frenatura e di avviamento agiscono sulla sommità del binario nella direzione longitudinale.

Treno LM71



Avviamento $A_v = 33 \text{ kN/m}$

Carico distribuito su L_d :

$$q_{Av} = A_v \alpha / L_d = 9.37 \text{ kN/m}$$

Treno SW/2

Frenatura $A_v = 35 \text{ kN/m}$

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Carico distribuito su L_d :

$$q_{Av} = A_v \alpha / L_d = 9.03 \text{ kN/m}$$

Inoltre sono state aggiunte, come carichi concentrati nei nodi della soletta di copertura, le seguenti forze:

Spinta semispessore soletta di copertura (avviamento) $Q_{dNODO} = 0.36 \text{ kN}$

Spinta semispessore soletta di copertura (frenatura) $Q_{fNODO} = 0.29 \text{ kN}$

Nel modello di calcolo si considera l'azione congruente al treno di carico verticale considerato. La spinta è applicata da sinistra verso destra per massimizzare gli effetti di sbilanciamento della struttura.

8.1.7.7 Spinta del sovraccarico sul rilevato (SPACCSX e SPACCDX)

Treno LM71

Si è considerata la sola spinta prodotta dal carico ripartito equivalente alle forze concentrate.

$$P_{H,Q,riffi} = (P_{V,Q1,cop} / \Phi) K_0 = 17.96 \text{ kN/m}$$

Anche in questo caso, sono stati aggiunti, come carichi concentrati nei nodi della copertura e della fondazione per la spinta sul piedritto sinistro e per la spinta sul piedritto destro, le seguenti forze:

Spinta semispessore soletta di copertura $P_{H,Q,cop} = 8.98 \text{ kN}$

Spinta semispessore soletta di fondazione $P_{H,Q,fond} = 8.98 \text{ kN}$

Treno SW/2

$$P_{H,Q,riffi} = (q_{sw/2} / \Phi) K_0 = 14.88 \text{ kN/m}$$

Anche in questo caso, sono stati aggiunti, come carichi concentrati nei nodi della copertura e della fondazione, le seguenti forze:

Spinta semispessore soletta di copertura $P_{H,Q,cop} = 7.44 \text{ kN}$

Spinta semispessore soletta di fondazione $P_{H,Q,fond} = 7.44 \text{ kN}$



8.1.7.8 Serpeggio (SERP)

La forza laterale indotta dal serpeggio si considera come una forza concentrata agente orizzontalmente, applicata alla sommità della rotaia più alta, perpendicolarmente all'asse del binario. Tale azione si applicherà sia in rettilineo che in curva. Il valore caratteristico di tale forza sarà assunto pari a $Q_{sk} = 100 \text{ kN}$ e la componente trasversale allo scatolare risulta:

$$Q_{\perp} = 100 \text{ kN} * \sin(1.00^\circ) = 1.75 \text{ kN}$$

Considerando la diffusione del carico, si avrà:

$$q_{serp} = Q_{\perp} / (L_d * L_{tot}) = 0.03 \text{ kN/m}^2.$$

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8.1.7.9 Sovraccarichi accidentali sulla soletta di fondazione (ACC_SOLINF)

Si applica un carico uniformemente distribuito pari a 26.2 kPa, corrispondente ai carichi della Corsia n°1 dello Schema di Carico 1 per ponti stradali uniformemente distribuiti sulla larghezza utile dello scatolare (considerando una striscia di 1 m di opera d'arte).

8.1.7.10 Forza centrifuga

Non presentando i binari un tracciato in curva, la forza centrifuga non è stata considerata.

8.1.8 Azioni sismiche

8.1.8.1 Forze di inerzia:

Per il calcolo dell'azione sismica si è utilizzato il metodo dell'analisi pseudo-statica in cui l'azione sismica è rappresentata da una forza statica equivalente pari al prodotto delle forze di gravità per un opportuno coefficiente sismico k .

Le forze sismiche sono pertanto le seguenti:

$$\text{Forza sismica orizzontale} \quad F_h = k_h \times W$$

$$\text{Forza sismica verticale} \quad F_v = k_v \times W$$

I valori dei coefficienti sismici orizzontale k_h e verticale k_v possono essere valutati mediante le espressioni:

$$k_h = a_{max}/g$$

$$k_v = \pm 0.5 \times k_h$$

Gli effetti dell'azione sismica sono stati valutati tenendo conto delle masse associate ai seguenti carichi gravitazionali:

$$G_1 + G_2 + \psi_{2i} Q_{ki}$$

Dove nel caso specifico si assumerà, per i carichi dovuti al transito dei convogli ferroviari, $\psi_{2i} = 0.2$.

Come massa del treno è stato considerato il carico uniformemente distribuito sulla copertura di intensità maggiore tra LM71 e SW/2.

Pertanto avremo che:

$$\text{Massa associata al peso proprio copertura} \quad G_1 = 25.00 \text{ kN/m}$$

$$\text{Massa associata al carico permanente} \quad G_2 = 17.10 \text{ kN/m}$$

$$\text{Massa treno} \quad Q_k = 53.36 \text{ kN/m}$$



$$\text{Massa associata al peso proprio piedritti} \quad G_3 = 25.00 \text{ kN/m}$$

$$\text{Massa associata al peso del setto centrale} \quad G_4 = 20.00 \text{ kN/m}$$

8.1.8.2 Forze sismiche orizzontali (SISMA_H)

Forza orizzontale sulla soletta di copertura (carico orizzontale uniformemente distribuito applicato alla soletta di copertura):

$$F'_h = k_h (G_1 + G_2 + \psi_{2i} Q_{ki}) = 15.57 \text{ kN/m}$$

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Forza orizzontale sui piedritti (carico orizzontale uniformemente distribuito applicato ai piedritti):

$$F''_h = k_h G_p = 7.38 \text{ kN/m}$$

8.1.8.3 Forze sismiche verticali (SISMA_V)

Per la forza sismica verticale avremo analogamente (carico verticale uniformemente distribuito applicato alla soletta di copertura):

Forza verticale sulla soletta di copertura:

$$F'_v = k_v (G_1 + G_2 + \psi_{2i} Q_{ki}) = 7.78 \text{ kN/m}$$

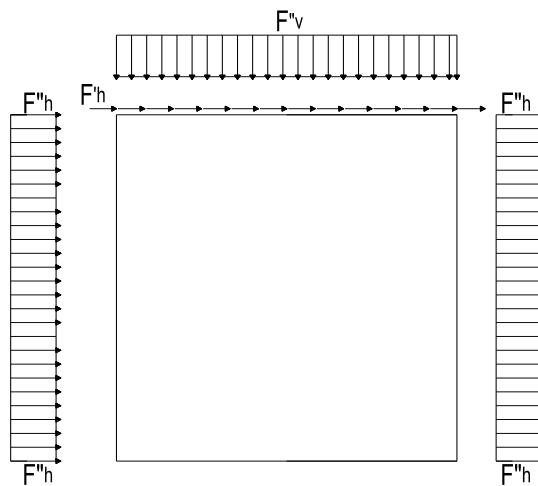


Figura 8.5: Forze sismiche agenti sulla struttura

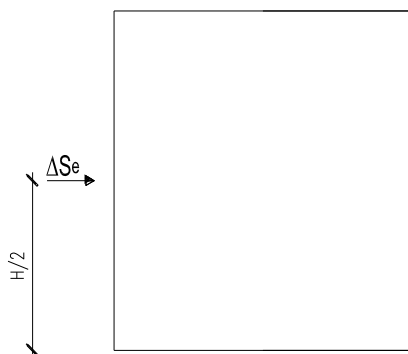
8.1.8.4 Spinta delle terre in fase sismica (SPSDX e SPSSX)

Le spinte delle terre sono state determinate con la teoria di Wood, secondo la quale la risultante dell'incremento di spinta per effetto del sisma su una parete di altezza H viene determinata con la seguente espressione:

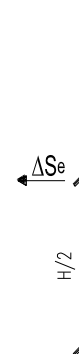
$$\Delta S_E = (a_{max}/g) \gamma \cdot H^2 = 426.3 \text{ kN/m}$$

con risultante applicata ad un'altezza pari ad H/2.

Sisma proveniente da sinistra



Sisma proveniente da destra





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Figura 4.6: Spinta sismica del terreno secondo la teoria di Wood

Nel modello di calcolo si è applicato il valore della forza sismica per unità di superficie agente su un piedritto, pari a:

$$\Delta_{SE} = \Delta_{SE} / H = 50.2 \text{ kN/m}^2$$

8.2 COMBINAZIONI DI CARICO

Ai fini delle verifiche degli stati limite si è fatto riferimento alle seguenti combinazioni delle azioni.

Combinazione fondamentale, generalmente impiegata per gli stati limite ultimi (SLU):

$$\gamma_{G1} \cdot G_1 + \gamma_{G2} \cdot G_2 + \gamma_P \cdot P + \gamma_{Q1} \cdot Q_{k1} + \gamma_{Q2} \cdot \psi_{02} \cdot Q_{k2} + \gamma_{Q3} \cdot \psi_{03} \cdot Q_{k3} + \dots$$

Combinazione caratteristica (rara), generalmente impiegata per gli stati limite di esercizio (SLE) irreversibili:

$$G_1 + G_2 + P + Q_{k1} + \psi_{02} \cdot Q_{k2} + \psi_{03} \cdot Q_{k3} + \dots$$

Combinazione frequente, generalmente impiegata per gli stati limite di esercizio (SLE) reversibili:

$$G_1 + G_2 + P + \psi_{11} \cdot Q_{k1} + \psi_{22} \cdot Q_{k2} + \psi_{23} \cdot Q_{k3} + \dots$$

Combinazione quasi permanente, generalmente impiegata per gli stati limite di esercizio (SLE) a lungo termine:

$$G_1 + G_2 + P + \psi_{21} \cdot Q_{k1} + \psi_{22} \cdot Q_{k2} + \psi_{23} \cdot Q_{k3} + \dots$$

Combinazione sismica, impiegata per gli stati limite ultimi e di esercizio connessi all'azione sismica E:

$$E + G_1 + G_2 + P + \psi_{21} \cdot Q_{k1} + \psi_{22} \cdot Q_{k2} + \dots$$

Dove:



$$E = \pm 1.00 \times E_y \pm 0.30 \times E_z \quad \text{oppure} \quad E = \pm 0.30 \times E_y \pm 1.00 \times E_z$$

avendo indicato con E_y e E_z rispettivamente le componenti orizzontale e verticale dell'azione sismica.

Gli effetti dei carichi verticali, dovuti alla presenza dei convogli, vengono sempre combinati con le altre azioni derivanti dal traffico ferroviario, adottando i coefficienti di cui alla Tabella 5.2.IV del DM 14/01/2008 di seguito riportata. In particolare, per ogni gruppo viene individuata una azione dominante che verrà considerata per intero; per le altre azioni, vengono definiti diversi coefficienti di combinazione. Ogni gruppo massimizza una particolare condizione alla quale la struttura dovrà essere verificata.

Tabella 5.2.IV: Valutazione dei carichi da traffico (da DM 14/01/2008)

TIPO DI CARICO	Azioni verticali		Azioni orizzontali			COMMENTI
	Carico Verticale (1)	Treno Scarico	Frenatura ed Avviamento	Centrifuga	Serpeggio	
Gruppo 1 (2)	1.0	-	0.5 (0.0)	1.0 (0.0)	1.0 (0.0)	massima azione verticale e laterale
Gruppo 2 (2)	-	1.0	0.0	1.0 (0.0)	1.0 (0.0)	stabilità laterale

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TIPO DI CARICO	Azioni verticali		Azioni orizzontali			COMMENTI
	Gruppo di carico	Carico Verticale (1)	Treno Scarico	Frenatura ed Avviamento	Centrifuga	
Gruppo 3 (2)	1.0 (0.5)	-	1.0	0.5 (0.0)	0.5 (0.0)	massima azione longitudinale
Gruppo 4	0.8 (0.6; 0.4)	-	0.8 (0.6; 0.4)	0.8 (0.6; 0.4)	0.8 (0.6; 0.4)	fessurazione
		Azione dominante				

(1) Includendo tutti i fattori ad essi relativi (Φ, α , ecc..)

(2) La simultaneità di due o tre valori caratteristici interi (assunzione di diversi coefficienti pari ad 1), sebbene improbabile, è stata considerata come semplificazione per i gruppi di carico 1, 2, 3 senza che ciò abbia significative conseguenze progettuali.

Nelle tabelle sopra riportate è indicato un coefficiente per gli effetti a sfavore di sicurezza e, tra parentesi, un coefficiente, minore del precedente, per gli effetti a favore di sicurezza.

I coefficienti di amplificazione dei carichi γ e i coefficienti di combinazione ψ sono riportati nelle tabelle seguenti.

In particolare nel calcolo della struttura scatolare si è fatto riferimento alla combinazione A1 STR.

Di seguito viene riportata la Tabella 5.2.III delle NTC08 dove si mostrano i carichi mobili in funzione del numero di binari presenti:



Numero di binari	Binari Carichi	Traffico normale		Traffico pesante ⁽²⁾
		caso a ⁽¹⁾	caso b ⁽¹⁾	
1	Primo	1,0 (LM 71"+SW/0)	-	1,0 SW/2
	Primo	1,0 (LM 71"+SW/0)	-	1,0 SW/2
2	secondo	1,0 (LM 71"+SW/0)	-	1,0 (LM 71"+SW/0)
	Primo	1,0 (LM 71"+SW/0)	0,75 (LM 71"+SW/0)	1,0 SW/2
≥3	secondo	1,0 (LM 71"+SW/0)	0,75 (LM 71"+SW/0)	1,0 (LM 71"+SW/0)
	Altri	-	0,75 (LM 71"+SW/0)	-

⁽¹⁾ LM71 "+ SW/0 significa considerare il più sfavorevole fra i treni LM 71, SW/0

⁽²⁾ Salvo i casi in cui sia esplicitamente escluso

Si riporta la Tabella 5.2.V delle NTC08 dei coefficienti parziali di sicurezza per le combinazioni di carico SLU:

Tabella 5.2.V – Coefficienti parziali di sicurezza per le combinazioni di carico agli SLU, eccezionali e sismica (da DM 14/01/2008)

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		Coefficiente	EQU ⁽¹⁾	A1 STR	A2 GEO	Combinazione eccezionale	Combinazione Sismica
Carichi permanenti	favorevoli	γ_{G1}	0,90	1,00	1,00	1,00	1,00
	sfavorevoli		1,10	1,35	1,00	1,00	1,00
Carichi permanenti non strutturali ⁽²⁾	favorevoli	γ_{G2}	0,00	0,00	0,00	1,00	1,00
	sfavorevoli		1,50	1,50	1,30	1,00	1,00
Ballast ⁽³⁾	favorevoli	γ_B	0,90	1,00	1,00	1,00	1,00
	sfavorevoli		1,50	1,50	1,30	1,00	1,00
Carichi variabili da traffico ⁽⁴⁾	favorevoli	γ_Q	0,00	0,00	0,00	0,00	0,00
	sfavorevoli		1,45	1,45	1,25	0,20 ⁽⁵⁾	0,20 ⁽⁵⁾
Carichi variabili	favorevoli	γ_{Qi}	0,00	0,00	0,00	0,00	0,00
	sfavorevoli		1,50	1,50	1,30	1,00	0,00
Precompressione	favorevole	γ_P	0,90	1,00	1,00	1,00	1,00
	sfavorevole		1,00 ⁽⁶⁾	1,00 ⁽⁷⁾	1,00	1,00	1,00

(1) Equilibrio che non coinvolga i parametri di deformabilità e resistenza del terreno; altrimenti si applicano i valori di GEO.

(2) Nel caso in cui i carichi permanenti non strutturali (ad es. carichi permanenti portati) siano compiutamente definiti si potranno adottare gli stessi coefficienti validi per le azioni permanenti.

(3) Quando si prevedano variazioni significative del carico dovuto al ballast, se ne dovrà tener conto esplicitamente nelle verifiche.

(4) Le componenti delle azioni da traffico sono introdotte in combinazione considerando uno dei gruppi di carico gr della Tab. 5.2.IV.



(5) Aliquota di carico da traffico da considerare.

(6) 1,30 per instabilità in strutture con precompressione esterna

(7) 1,20 per effetti locali

Si riporta la Tabella 5.2.VI delle NTC08 in cui sono espressi i coefficienti di combinazione delle azioni:

Tabella 5.2.VI: Coefficienti di combinazione ψ delle azioni (da DM 14/01/2008)

<p>GENERAL CONTRACTOR</p>  <p>Consorzio IricAV Due</p>	<p>ALTA SORVEGLIANZA</p>  <p>ITALFERR GRUPPO FERROVIE DELLO STATO ITALIANE</p>			
	<p>Progetto</p> <p>IN17</p>	<p>Lotto</p> <p>12</p>	<p>Codifica</p> <p>EI2CLSL1000001</p>	<p>A</p>

Tab. 5.2.VI - Coefficienti di combinazione Ψ delle azioni

Azioni		ψ_0	ψ_1	ψ_2
Azioni singole	Carico sul rilevato a tergo delle spalle	0,80	0,50	0,0
da traffico	Azioni aerodinamiche generate dal transito dei convogli	0,80	0,50	0,0
	g_1	0,80 ⁽¹⁾	0,80 ⁽¹⁾	0,0
Gruppi di	g_2	0,80 ⁽²⁾	0,80 ⁽¹⁾	-
carico	g_3	0,80 ⁽²⁾	0,80 ⁽¹⁾	0,0
	g_4	1,00	1,00 ⁽¹⁾	0,0
Azioni del vento	F_{Wk}	0,60	0,50	0,0
Azioni da	in fase di esecuzione	0,80	0,0	0,0
neve	SLU e SLE	0,0	0,0	0,0
Azioni termiche	T_k	0,60	0,60	0,50

⁽¹⁾ 0,80 se è carico solo un binario, 0,60 se sono carichi due binari e 0,40 se sono carichi tre o più binari.

⁽²⁾ Quando come azione di base venga assunta quella del vento, i coefficienti ψ_0 relativi ai gruppi di carico delle azioni da traffico vanno assunti pari a 0,0.

Nella combinazione sismica le azioni indotte dal traffico ferroviario sono combinate con un coefficiente $\psi_2 = 0.2$ (paragrafo 5.1.3.12 del DM 14/01/2008) coerentemente con l'aliquota di massa afferente ai carichi da traffico.

Si riportano di seguito le combinazioni delle azioni maggiormente significative per la determinazione delle sollecitazioni più gravose.





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Tabella 5: Combinazioni di carico SLV (01-08)

	SLV01	SLV02	SLV03	SLV04	SLV05	SLV06	SLV07	SLV08
PP	1	1	1	1	1	1	1	1
PERM	1	1	1	1	1	1	1	1
SPTSX	1	1	1	1	1	1	1	1
SPTDX	1	1	1	1	1	1	1	1
SPTW	1	1	1	1	1	1	1	1
ACC_LM71	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
ACC_SW2	0	0	0	0	0	0	0	0
SPACCSX_LM71	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
SPACCDX_LM71	0	0	0	0	0	0	0	0
SPACCSX_SW2	0	0	0	0	0	0	0	0
SPACCDX_SW2	0	0	0	0	0	0	0	0
AVV_LM71	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
FREN_SW2	0	0	0	0	0	0	0	0
SERP	0	0	0	0	0	0	0	0
TERM	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5
RITIRO	1	1	1	1	1	1	1	1
ACC_SOLINF	0	0	0	0	0	0	0	0
SISMA_H	1	1	-1	-1	0.3	0.3	-0.3	-0.3
SISMA_V	0.3	-0.3	0.3	-0.3	1	-1	1	-1
SPSSX	1	1	0	0	0.3	0.3	0	0
SPSDX	0	0	1	1	0	0	0.3	0.3

Tabella 6: Combinazioni di carico SLV (09-16)

	SLV09	SLV10	SLV11	SLV12	SLV13	SLV14	SLV15	SLV16
PP	1	1	1	1	1	1	1	1
PERM	1	1	1	1	1	1	1	1
SPTSX	1	1	1	1	1	1	1	1
SPTDX	1	1	1	1	1	1	1	1
SPTW	1	1	1	1	1	1	1	1
ACC_LM71	0	0	0	0	0	0	0	0
ACC_SW2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
SPACCSX_LM71	0	0	0	0	0	0	0	0
SPACCDX_LM71	0	0	0	0	0	0	0	0
SPACCSX_SW2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
SPACCDX_SW2	0	0	0	0	0	0	0	0
AVV_LM71	0	0	0	0	0	0	0	0
FREN_SW2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
SERP	0	0	0	0	0	0	0	0
TERM	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5
RITIRO	1	1	1	1	1	1	1	1
ACC_SOLINF	0	0	0	0	0	0	0	0
SISMA_H	1	1	-1	-1	0.3	0.3	-0.3	-0.3
SISMA_V	0.3	-0.3	0.3	-0.3	1	-1	1	-1
SPSSX	1	1	0	0	0.3	0.3	0	0
SPSDX	0	0	1	1	0	0	0.3	0.3

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9 CRITERI DI VERIFICA STRUTTURALI

Le verifiche di sicurezza strutturali sono state effettuate sulla base dei criteri definiti nelle vigenti norme tecniche - "Norme Tecniche per le Costruzioni"- DM 14.1.2008 -, tenendo inoltre conto delle integrazioni riportate nel "Manuale di progettazione delle opere civili".

In particolare vengono effettuate le verifiche agli stati limite di servizio, riguardanti gli stati tensionale e di fessurazione, ed allo stato limite ultimo. Le combinazioni di carico considerate ai fini delle verifiche sono quelle indicate nei precedenti paragrafi.

Si espongono di seguito i criteri di verifica adottati per le verifiche degli elementi strutturali in c.a..

9.1 VERIFICA AGLI STATI LIMITE DI ESERCIZIO

9.1.1 Verifica a fessurazione

Le verifiche a fessurazione sono eseguite adottando i criteri definiti nel paragrafo 4.1.2.2.4.5 del DM 14.1.2008, tenendo inoltre conto delle ulteriori prescrizioni riportate nel "Manuale di progettazione delle opere civili RFI".

Con riferimento alle classi di esposizione delle varie parti della struttura (si veda il paragrafo relativo alle caratteristiche dei materiali impiegati), alle corrispondenti condizioni ambientali ed alla sensibilità delle armature alla corrosione (armature sensibili per gli acciai da precompresso; poco sensibili per gli acciai ordinari), si individua lo stato limite di fessurazione per assicurare la funzionalità e la durata delle strutture, in accordo con il DM 14.1.2008:



Le verifiche a fessurazione sono eseguite adottando i criteri definiti nel paragrafo 4.1.2.2.4.5 del DM 14.1.2008.

Con riferimento alle classi di esposizione delle varie parti della struttura (si veda il paragrafo relativo alle caratteristiche dei materiali impiegati), alle corrispondenti condizioni ambientali ed alla sensibilità delle armature alla corrosione (armature sensibili per gli acciai da precompresso; poco sensibili per gli acciai ordinari), si individua lo stato limite di fessurazione per assicurare la funzionalità e la durata delle strutture, in accordo con il DM 14.1.2008:

Gruppi di esigenze	Condizioni ambientali	Combinazione di azioni	Armatura			
			Sensibile		Poco sensibile	
			Stato limite	w_d	Stato limite	w_d
a	Ordinarie	frequente	ap. fessure	$\leq w_2$	ap. fessure	$\leq w_3$
		quasi permanente	ap. fessure	$\leq w_1$	ap. fessure	$\leq w_2$
b	Aggressive	frequente	ap. fessure	$\leq w_1$	ap. fessure	$\leq w_2$
		quasi permanente	decompressione	-	ap. fessure	$\leq w_1$
c	Molto aggressive	frequente	formazione fessure	-	ap. fessure	$\leq w_1$
		quasi permanente	decompressione	-	ap. fessure	$\leq w_1$

Figura 5.1: Criteri di scelta dello stato limite di fessurazione - Tabella 4.1.IV del DM 14.1.2008

Nella Tabella sopra riportata, $w_1=0.2\text{mm}$, $w_2=0.3\text{mm}$; $w_3=0.4\text{mm}$.

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Più restrittivi risultano i limiti di apertura delle fessure riportati nel “Manuale di progettazione delle opere civili”. L’apertura convenzionale delle fessure, calcolata con la combinazione caratteristica (rara) per gli SLE, deve risultare:

- a) $\delta_f \leq w_1$ per strutture in condizioni ambientali aggressive e molto aggressive, così come identificate nel par. 4.1.2.2.4.3 del DM 14.1.2008, per tutte le strutture a permanente contatto con il terreno e per le zone non ispezionabili di tutte le strutture;
- b) $\delta_f \leq w_2$ per strutture in condizioni ambientali ordinarie secondo il citato paragrafo del DM 14.1.2008.

Si assume pertanto per tutti gli elementi strutturali analizzati nel presente documento:

- Stato limite di fessurazione: $w_d \leq w_1 = 0.2$ mm - combinazione di carico rara

In accordo con la normativa seguita, il valore di calcolo di apertura delle fessure w_d è dato da:

$$w_d = 1,7 w_m$$

dove w_m rappresenta l’ampiezza media delle fessure calcolata come prodotto della deformazione media delle barre d’armatura ε_{sm} per la distanza media tra le fessure Δ_{sm} :

$$w_m = \varepsilon_{sm} \Delta_{sm}$$

Per il calcolo di ε_{sm} e Δ_{sm} vanno utilizzati i criteri consolidati riportati nella letteratura tecnica.

9.1.2 Verifica delle tensioni in esercizio

Valutate le azioni interne nelle varie parti della struttura, dovute alle combinazioni caratteristica e quasi permanente delle azioni, si calcolano le massime tensioni sia nel calcestruzzo sia nelle armature; si verifica che tali tensioni siano inferiori ai massimi valori consentiti, di seguito riportati.

Le prescrizioni riportate di seguito fanno riferimento al par. 2.5.1.8.3.2.1 del “Manuale di progettazione delle opere civili”.

La massima tensione di compressione del calcestruzzo σ_c , deve rispettare la limitazione seguente:



$$\sigma_c < 0,55 f_{ck} \text{ per combinazione caratteristica (rara)}$$

$$\sigma_c < 0,40 f_{ck} \text{ per combinazione quasi permanente.}$$

Per l’acciaio ordinario, la tensione massima σ_s per effetto delle azioni dovute alla combinazione caratteristica deve rispettare la limitazione seguente:

$$\sigma_s < 0,75 f_{yk}$$

dove f_{yk} per armatura ordinaria è la tensione caratteristica di snervamento dell’acciaio.

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9.2 VERIFICA AGLI STATI LIMITE ULTIMI

9.2.1 Sollecitazioni flettenti

La verifica di resistenza (SLU) è stata condotta attraverso il calcolo dei domini di interazione N-M, ovvero il luogo dei punti rappresentativi di sollecitazioni che portano in crisi la sezione di verifica secondo i criteri di resistenza da normativa.

Nel calcolo dei domini sono state mantenute le consuete ipotesi, tra cui:

- conservazione delle sezioni piane;
- legame costitutivo del calcestruzzo parabola-rettangolo non reagente a trazione, con plateau ad una deformazione pari a 0.002 e a rottura pari a 0.0035 ($\sigma_{max} = 0.85 \times 0.83 \times R_{ck} / 1.5$);
- legame costitutivo dell'armatura d'acciaio elastico-perfettamente plastico con deformazione limite di rottura a 0.01 ($\sigma_{max} = f_{yk} / 1.15$)

9.2.2 Sollecitazioni taglianti

La resistenza a taglio V_{Rd} di elementi sprovvisti di specifica armatura è stata calcolata sulla base della resistenza a trazione del calcestruzzo.

Con riferimento all'elemento fessurato da momento flettente, la resistenza al taglio si valuta con:

$$V_{Rd} = \left\{ 0,18 \cdot k \cdot (100 \cdot \rho_1 \cdot f_{ck})^{1/3} / \gamma_c + 0,15 \cdot \sigma_{cp} \right\} \cdot b_w \cdot d \geq (v_{min} + 0,15 \cdot \sigma_{cp}) \cdot b_w d$$

con:

$$k = 1 + (200/d)^{1/2} \leq 2$$

$$v_{min} = 0,035 k^{3/2} f_{ck}^{1/2}$$

e dove:

d è l'altezza utile della sezione (in mm);

$\rho_1 = A_{sl} / (b_w \times d)$ è il rapporto geometrico di armatura longitudinale ($\leq 0,02$);



$\sigma_{cp} = N_{Ed} / A_c$ è la tensione media di compressione nella sezione ($\leq 0,2 f_{cd}$);

b_w è la larghezza minima della sezione (in mm).

La resistenza a taglio V_{Rd} di elementi strutturali dotati di specifica armatura a taglio deve essere valutata sulla base di una adeguata schematizzazione a traliccio. Gli elementi resistenti dell'ideale traliccio sono: le armature trasversali, le armature longitudinali, il corrente compresso di calcestruzzo e i puntoni d'anima inclinati. L'inclinazione θ dei puntoni di calcestruzzo rispetto all'asse della trave deve rispettare i limiti seguenti:

$$1 \leq \text{ctg } \theta \leq 2.5$$

La verifica di resistenza (SLU) si pone con:

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$$V_{Rd} \geq V_{Ed}$$

dove V_{Ed} è il valore di calcolo dello sforzo di taglio agente.

Con riferimento all'armatura trasversale, la resistenza di calcolo a "taglio trazione" è stata calcolata con:

$$V_{Rsd} = 0,9 \cdot d \cdot \frac{A_{sw}}{s} \cdot f_{yd} \cdot (\text{ctg}\alpha + \text{ctg}\theta) \cdot \sin \alpha$$

Con riferimento al calcestruzzo d'anima, la resistenza di calcolo a "taglio compressione" è stata calcolata con:



$$V_{Rcd} = 0,9 \cdot d \cdot b_w \cdot \alpha_c \cdot f'_{cd} \cdot (\text{ctg}\alpha + \text{ctg}\theta) / (1 + \text{ctg}^2\theta)$$

La resistenza al taglio della trave è la minore delle due sopra definite:

$$V_{Rd} = \min (V_{Rsd}, V_{Rcd})$$

In cui:

- d è l'altezza utile della sezione;
- b_w è la larghezza minima della sezione;
- s_{cp} è la tensione media di compressione della sezione;
- A_{sw} è l'area dell'armatura trasversale;
- S è interasse tra due armature trasversali consecutive;
- θ è l'angolo di inclinazione dell'armatura trasversale rispetto all'asse della trave;
- f'_{cd} è la resistenza a compressione ridotta del calcestruzzo d'anima ($f'_{cd}=0.5f_{cd}$);
- α è un coefficiente maggiorativo, pari ad 1 per membrature non compresse.

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10 MODELLAZIONE STRUTTURALE

10.1 CODICE DI CALCOLO

L'analisi della struttura scatolare è stata condotta con un programma agli elementi finiti (STRAUS7) facendo riferimento agli assi baricentrici degli elementi schematizzati con elementi "beam".

10.2 MODELLO DI CALCOLO

Le analisi sono state condotte per una striscia di struttura di lunghezza unitaria, implementando un modello di calcolo bidimensionale in condizioni di deformazione piana. La struttura è definita sulla base degli assi baricentrici degli elementi. La fondazione è schematizzata come una trave su suolo elastico alla Winkler non reagente a trazione, il calcolo della costante di sottofondo è riportata nel paragrafo **Errore. L'origine riferimento non è stata trovata.**

Lo schema statico della struttura e la relativa numerazione dei nodi e delle aste sono riportati nelle seguenti figure.

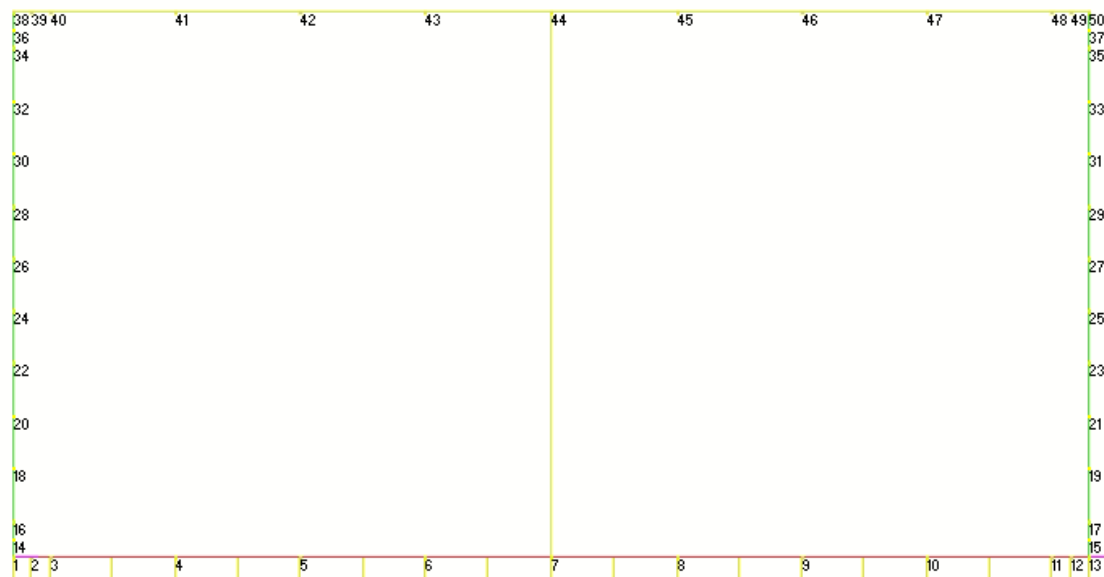




Figura 6.1: Modello F.E.M struttura - numerazione nodi

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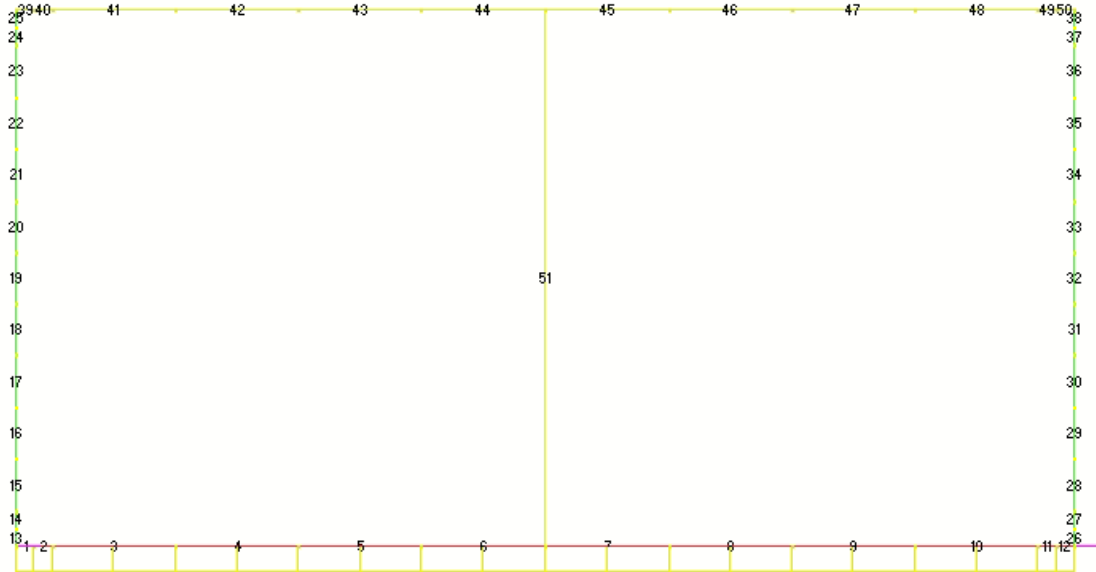


Figura 7: Modello F.E.M. struttura – numerazione aste

10.3 INTERAZIONE TERRENO-STRUTTURA

L'interazione struttura-terreno è simulata mediante l'applicazione sugli elementi interessati di un sistema di molle alla Winkler, definite assumendo cautelativamente un modulo di reazione verticale K_v pari a 4000 kN/m^3 : il calcolo della costante di Winkler è stato condotto applicando il procedimento proposto da Vesic e riportato da Bowles nel testo "Fondazioni", secondo la seguente formulazione:

$$k_s = \frac{E}{B(1 - \mu^2)I_s I_F}$$

dove:

E = modulo elastico medio dello spessore di terreno sottostante la fondazione;

B = larghezza della fondazione;

μ = coefficiente di Poisson del terreno di fondazione, assunto pari a 0.3.

Il valore del coefficiente di influenza I_s è stato calcolato attraverso la seguente equazione:

$$I_s = I_1 + \frac{1 - 2\mu}{1 - \mu} I_2$$



dove:

I_1 e I_2 = coefficienti dipendenti dai rapporti H/B' e L/B ;

H = spessore dello strato compressibile, pari a $5B$;

B' = larghezza corrispondente al punto di calcolo assunto coincidente con il centro della fondazione, pari a $B/2$.

Il valore del coefficiente di influenza I_F è stato estrapolato in funzione dei valori dei rapporti L/B e D/B .

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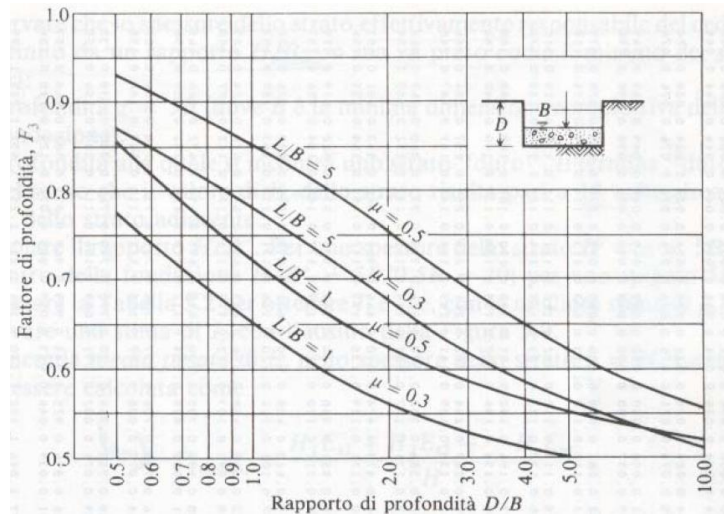


Figura 10.3: Grafico per la determinazione del fattore di profondità F_s

Le tabelle seguenti riportano le grandezze caratteristiche dell'opera.

Larghezza fondazione - B (m)	Profondità fondazione - D (m)	Lunghezza fondazione - L (m)	Modulo elastico - E_s (kPa)
16.6	9.2	11.8	8000

D/B	L/B	H/B'
0.55	0.71	2.50

H	μ
83.0	0.3



La tabella seguente riporta i parametri l_1 , l_2 , l_s e l_f .

l_1	l_2	l_s	l_f
0.192	0.041	0.215	0.73

La tabella seguente riassume il valore calcolato della costante di sottofondo (k_s) e il valore assunto nei calcoli strutturali successivi.

k_s (daN/cm ³)	$k_{s\text{-assunto}}$ (daN/cm ³)
0.3375	0.4000

Il valore impiegato della k_s è stato indicato dai progettisti di linea.

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11 ANALISI DELLE SOLLECITAZIONI

Nelle seguenti tabelle sono riportati i valori massimi delle caratteristiche delle sollecitazioni ricavati per le sezioni oggetto di verifica, indicate in figura.

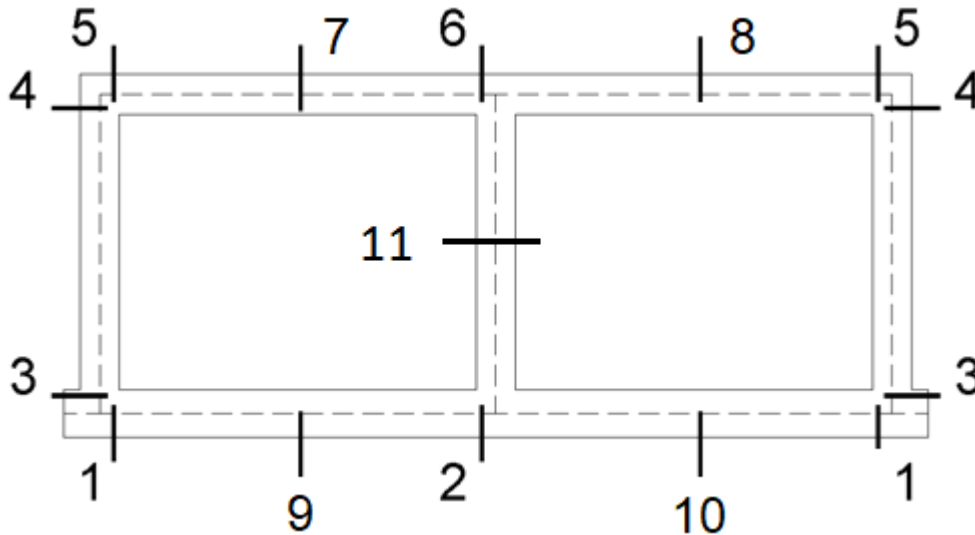


Figura 8: Sezioni di verifica

Di seguito è riportato l'involuppo delle sollecitazioni flettenti e taglianti dello stato limite ultimo. Le unità di misura adottate nei diagrammi seguenti sono kN-m.

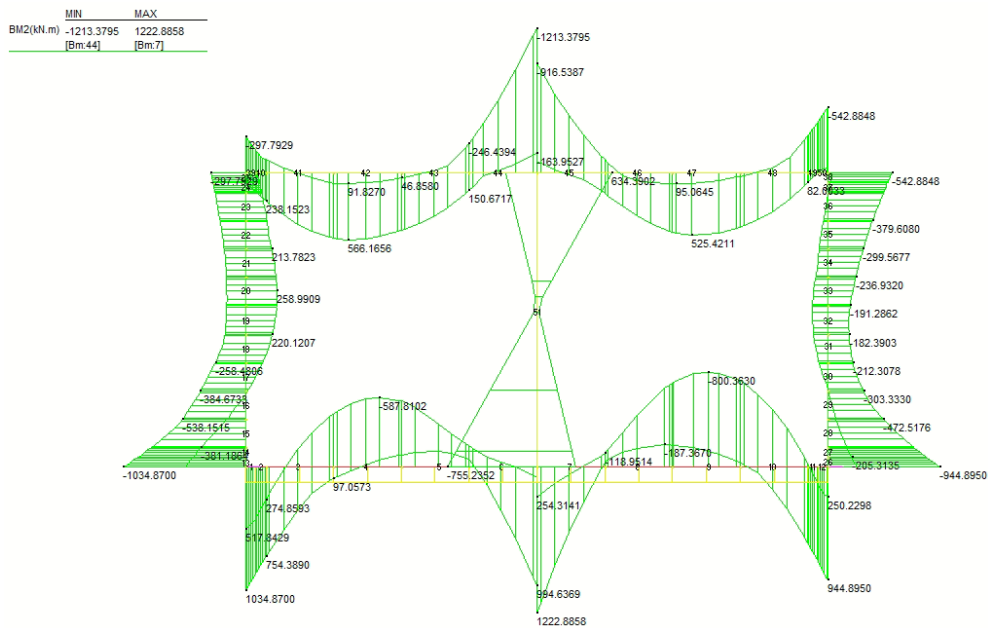


Figura 9: Involuppo SLU/Sisma: momenti flettenti

	MIN	MAX
SF2(kN)	-900.8001	779.7177
	[Bm:7]	[Bm:6]

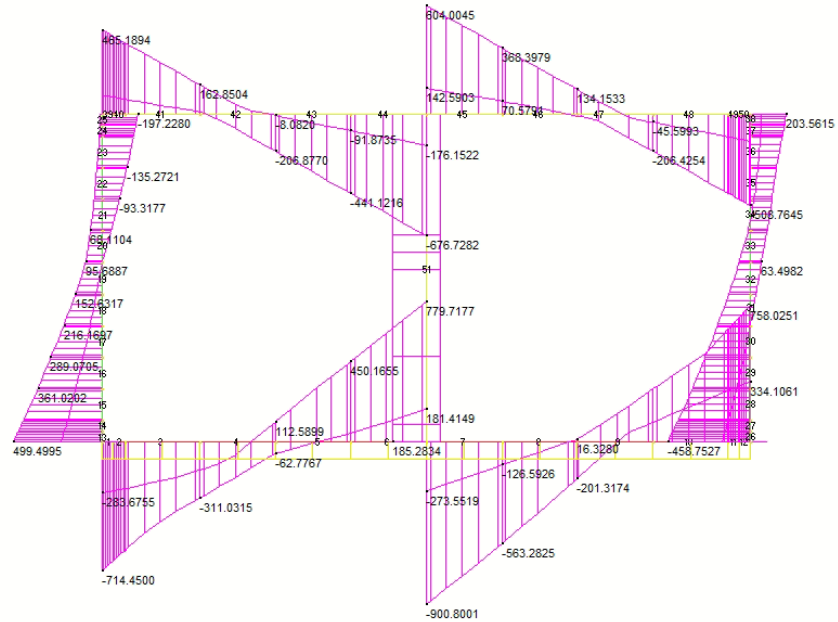


Figura 10 Inviluppo SLU/Sisma: sollecitazioni taglianti

	MIN	MAX
Force(kN)	-1458.7497	92.6417
	[Bm:51]	[Bm:6]

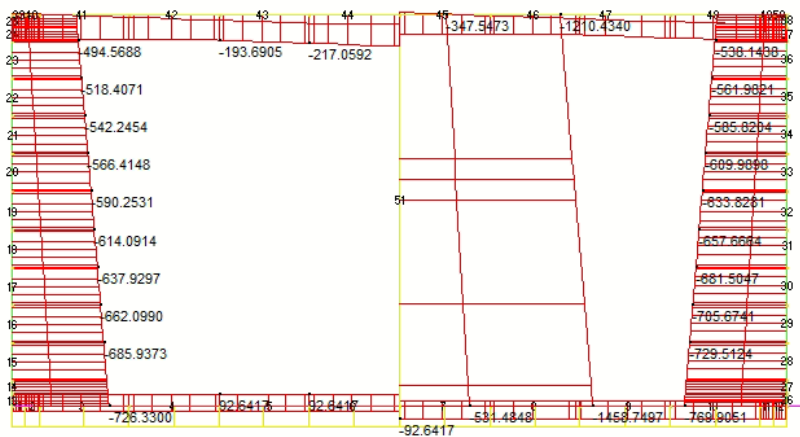


Figura 11 Inviluppo SLU/Sisma: sforzo normale

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	MIN	MAX
BM2(kN.m)	-726.5485	766.8465
	[Bm.13]	[Bm.7]

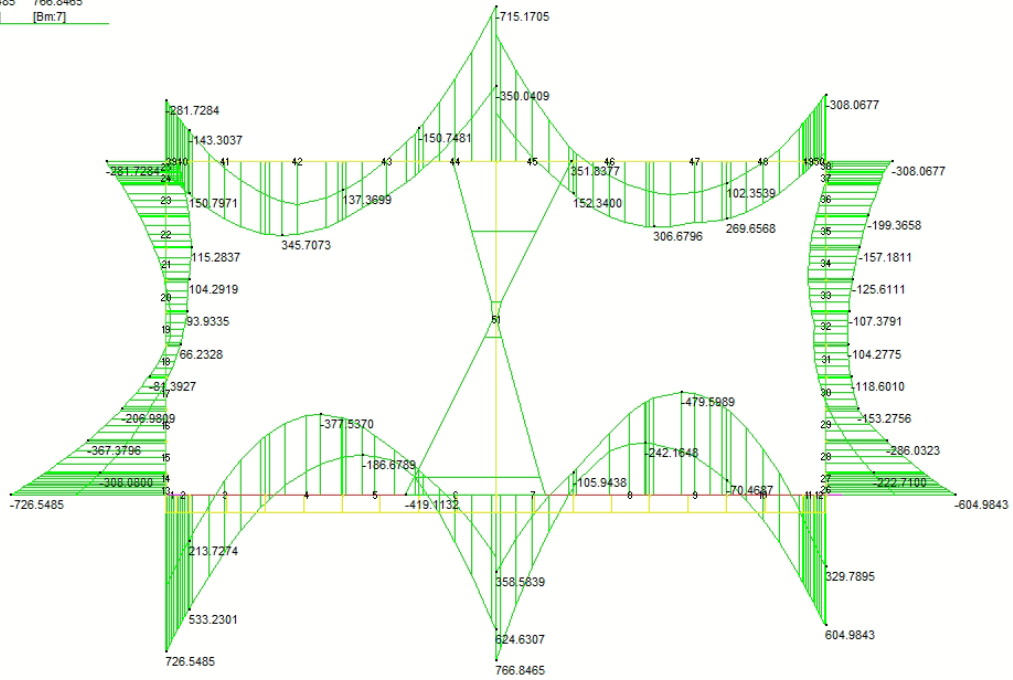


Figura 12 Involuppo SLE Momenti flettenti

	MIN	MAX
SF2(kN)	-587.6375	518.2918
	[Bm.7]	[Bm.12]

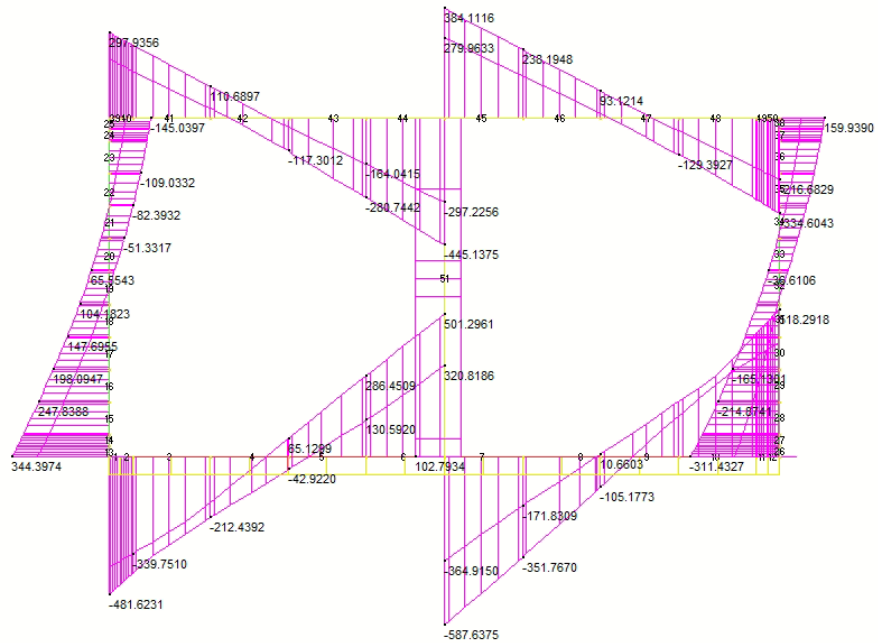




Figura 13 Involuppo SLE: sollecitazioni taglianti

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Di seguito si riportano i valori delle sollecitazioni per tutte le combinazioni di carico relative a tutte le sezioni di verifica.



COP_MEZZ	N	Mx	Vy
	(KN)	(KNm)	(KNm)
SLU	125	570	205
SLV	155	235	65
SLE RARA	145	345	-
SLE FREQUENTE	115	285	-
SLE QUASI PERM.	80	105	-

COP_INC	N	Mx	Vy
	(KN)	(KNm)	(KNm)
SLU	145	-1200	590
SLV	170	-320	205
SLE RARA	175	-700	-
SLE FREQUENTE	130	-625	-
SLE QUASI PERM.	80	-300	-

FOND_MEZZ	N	Mx	Vy
	(KN)	(KNm)	(KNm)
SLU	0	-800	215
SLV	0	-250	70
SLE RARA	0	-480	-
SLE FREQUENTE	0	-430	-
SLE QUASI PERM.	0	-220	-

FOND_INC	N	Mx	Vy
	(KN)	(KNm)	(KNm)
SLU+	0	1210	885
SLV	0	590	370
SLE RARA	0	750	-
SLE FREQUENTE	0	660	-
SLE QUASI PERM.	0	350	-

PIEDR_PIEDE	N	Mx	Vy
	(KN)	(KNm)	(KNm)
SLU	710	-1020	485
SLV	375	-590	355
SLE RARA	500	-710	-
SLE FREQUENTE	405	-605	-
SLE QUASI PERM.	300	-350	-
PIEDR_TESTA	N	Mx	Vy
	(KN)	(KNm)	(KNm)
SLU	485	-530	155
SLV	205	-265	185

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SLE RARA	300	-295	-
SLE FREQUENTE	235	-230	-
SLE QUASI PERM.	125	-55	-



PIEDR_MEZZ	N	M _x	V _y
	(KN)	(KNm)	(KNm)
SLU	605	240	125
SLV	305	160	70
SLE RARA	400	-110	-
SLE FREQUENTE	320	-75	-
SLE QUASI PERM.	215	60	-

SETTO CENTRALE	N	M _x	V _y
	(KN)	(KNm)	(KNm)
SLU	440	-730	185
SLV	560	-220	65
SLE RARA	910	-405	-
SLE FREQUENTE	820	-290	-
SLE QUASI PERM.	340	-	-

12 VERIFICHE DI DEFORMAZIONE E VIBRAZIONE

12.1 INFLESSIONE NEL PIANO VERTICALE DELL'IMPALCATO

In base a quanto indicato nel paragrafo 1.7.4.3.4. del MpD 2017 FS, nonché nel D.M. 14.01.08 (paragrafo 5.2.3.2.2), considerando la presenza del treno di carico LM71, incrementato con il

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corrispondente coefficiente e con il coefficiente α e gli effetti della variazione di temperatura lineare, l'inflessione nel piano orizzontale dell'impalcato non deve produrre all'estremità dell'impalcato una variazione angolare maggiore di $\theta_{amm} = 0.001500$ rad.

Per quanto riguarda le rotazioni attribuibili alla presenza del treno di carico LM71, esse sono valutate sui nodi estremi della soletta superiore e in corrispondenza del piedritto interno, se presente, depurate della rototraslazione rigida della struttura.

Nel caso in esame risulta:

$$\theta_{tot} = 0.00120 \text{ rad} \ll \theta_{amm} = 0.001500 \text{ rad}$$

12.2 STATO LIMITE DI COMFORT DEI PASSEGGERI



L'inflessione verticale deve calcolarsi in asse al binario, considerando il modello di carico LM71 con il relativo incremento dinamico e con il coefficiente α .

Freccia limite ammissibile (velocità del treno $V > 350\text{km/h}$):

$$\delta_{lim} = 1/1500 \times L = 4.60 \text{ mm}$$

Freccia massima dell'impalcato prodotta dal treno LM71:

$$\delta_{max} = 4.15 \text{ mm} < \delta_{lim}$$

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13 VERIFICHE DI RESISTENZA ULTIMA E DI ESERCIZIO

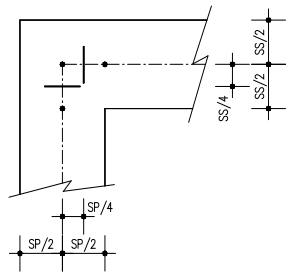
Si riassumono di seguito i risultati delle verifiche allo stato limite ultimo per le sollecitazioni di taglio e flessione, relative all'involuppo delle combinazioni di carico. In particolare si riportano le sollecitazioni massime per tutte le sezioni di verifica e le combinazioni di carico più gravose (minimo coefficiente di sicurezza), sia per la verifica a flessione sia per la verifica a taglio.

Nelle verifiche della soletta di fondazione, cautelativamente, non si è tenuto in conto del contributo dello sforzo normale.

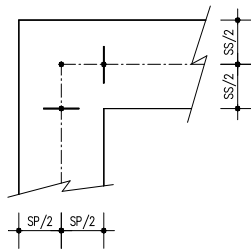
Le verifiche a flessione in corrispondenza dei nodi tra setti adiacenti sono effettuate rispettivamente:

- nella sezione ubicata a metà fra asse piedritto e sezione d'attacco piedritto-soletta nel caso delle verifiche della soletta;
- nella sezione ubicata a metà fra asse soletta e sezione d'attacco del piedritto nel caso delle verifiche del piedritto.

Le verifiche a fessurazione e a taglio sono eseguite nelle sezioni di attacco soletta-piedritto.



VERIFICHE A FLESSIONE





VERIFICHE A FESSURAZIONE E TAGLIO

I calcoli di verifica sono effettuati con il metodo degli Stati Limite.

Si riporta di seguito l'armatura degli elementi strutturali nelle sezioni di mezzera e di incastro.

Elemento	Sezione	Dimensioni [cm]		Flessione		Armatura a taglio	Ripartitori (esterni)	
		B	H	Lato terra	Lato interno			
SOLETTA SUP.	INCASTRO	100	100	(10+5)φ24 [su tutti i piedritti]		φ12/20x40	φ16/20	
	MEZZERIA			5φ24	10φ24			φ12/40x40
PIEDRITTI	TESTA	100	100	(10+5)φ24		9φ12/m ²	φ16/20	
	MEZZERIA			5φ24				9φ12/m ²
	PIEDE			(10+5)φ24				9φ12/m ²
SETTO CENTRALE	INCASTRO	100	80	5φ24		9φ12/m ²	φ16/20	
SOLETTA INF.	INCASTRO	100	100	(10+5)φ24		φ12/20x40	φ16/20	
	MEZZERIA			5φ24	10φ24			φ12/40x40

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13.1 SOLETTA SUPERIORE – SEZIONE DI MEZZERIA

CARATTERISTICHE DI RESISTENZA DEI MATERIALI IMPIEGATI

CALCESTRUZZO -	Classe:	C32/40	
	Resis. compr. di progetto fcd:	18.8	MPa
	Def.unit. max resistenza ec2:	0.0020	
	Def.unit. ultima ecu:	0.0035	
	Diagramma tensione-deformaz.:	Parabola-Rettangolo	
	Modulo Elastico Normale Ec:	33642.8	MPa
	Resis. media a trazione fctm:	3.10	MPa
	Coeff. Omogen. S.L.E.:	15.00	
	Sc limite S.L.E. comb. Rare:	19.9	MPa
	Sc limite S.L.E. comb. Frequenti:	19.9	MPa
	Ap.Fessure limite S.L.E. comb. Frequenti:	0.200	mm
	Sc limite S.L.E. comb. Q.Permanenti:	14.9	MPa
	Ap.Fess.limite S.L.E. comb. Q.Perm.:	0.200	mm
ACCIAIO -	Tipo:	B450C	
	Resist. caratt. snervam. fyk:	450.0	MPa
	Resist. caratt. rottura ftk:	450.0	MPa
	Resist. snerv. di progetto fyd:	391.3	MPa
	Resist. ultima di progetto ftd:	391.3	MPa
	Deform. ultima di progetto Epu:	0.068	
	Modulo Elastico Ef	2000000	daN/cm ²
	Diagramma tensione-deformaz.:	Bilineare finito	
	Coeff. Aderenza istantaneo $\beta_1 \cdot \beta_2$:	1.00	
	Coeff. Aderenza differito $\beta_1 \cdot \beta_2$:	0.50	
Sf limite S.L.E. Comb. Rare:	360.00	MPa	

CARATTERISTICHE DOMINIO CALCESTRUZZO

Forma del Dominio:	Poligonale
Classe Calcestruzzo:	C32/40

N°vertice:	X [cm]	Y [cm]
1	100.0	100.0
2	100.0	0.0
3	0.0	0.0
4	0.0	100.0



DATI BARRE ISOLATE

N°Barra	X [cm]	Y [cm]	DiamØ[mm]
1	91.0	91.0	24
2	91.0	9.0	24
3	9.0	9.0	24
4	9.0	91.0	24

DATI GENERAZIONI LINEARI DI BARRE

N°Gen.	Numero assegnato alla singola generazione lineare di barre			
N°Barra Ini.	Numero della barra iniziale cui si riferisce la generazione			
N°Barra Fin.	Numero della barra finale cui si riferisce la generazione			
N°Barre	Numero di barre generate equidistanti cui si riferisce la generazione			
Ø	Diametro in mm delle barre della generazione			

N°Gen.	N°Barra Ini.	N°Barra Fin.	N°Barre	Ø
1	1	4	3	24

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2 2 3 8 24

CALCOLO DI RESISTENZA - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N	Sforzo normale [kN] applicato nel Baric. (+ se di compressione)				
Mx	Momento flettente [kNm] intorno all'asse x princ. d'inerzia con verso positivo se tale da comprimere il lembo sup. della sez.				
My	Momento flettente [kNm] intorno all'asse y princ. d'inerzia con verso positivo se tale da comprimere il lembo destro della sez.				
Vy	Componente del Taglio [kN] parallela all'asse princ.d'inerzia y				
Vx	Componente del Taglio [kN] parallela all'asse princ.d'inerzia x				
N°Comb.	N	Mx	My	Vy	Vx
1	125.00	570.00	0.00	0.00	0.00
2	155.00	235.00	0.00	0.00	0.00

COMB. RARE (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N	Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)		
Mx	Momento flettente [kNm] intorno all'asse x princ. d'inerzia (tra parentesi Mom.Fessurazione) con verso positivo se tale da comprimere il lembo superiore della sezione		
My	Momento flettente [kNm] intorno all'asse y princ. d'inerzia (tra parentesi Mom.Fessurazione) con verso positivo se tale da comprimere il lembo destro della sezione		
N°Comb.	N	Mx	My
1	145.00	345.00	0.00

COMB. FREQUENTI (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N	Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)		
Mx	Momento flettente [kNm] intorno all'asse x princ. d'inerzia (tra parentesi Mom.Fessurazione) con verso positivo se tale da comprimere il lembo superiore della sezione		
My	Momento flettente [kNm] intorno all'asse y princ. d'inerzia (tra parentesi Mom.Fessurazione) con verso positivo se tale da comprimere il lembo destro della sezione		
N°Comb.	N	Mx	My
1	115.00	285.00 (685.74)	0.00 (0.00)

COMB. QUASI PERMANENTI (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA



N	Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)		
Mx	Momento flettente [kNm] intorno all'asse x princ. d'inerzia (tra parentesi Mom.Fessurazione) con verso positivo se tale da comprimere il lembo superiore della sezione		
My	Momento flettente [kNm] intorno all'asse y princ. d'inerzia (tra parentesi Mom.Fessurazione) con verso positivo se tale da comprimere il lembo destro della sezione		
N°Comb.	N	Mx	My
1	80.00	105.00 (735.07)	0.00 (0.00)

RISULTATI DEL CALCOLO

Sezione verificata per tutte le combinazioni assegnate

Copriferro netto minimo barre longitudinali: 7.8 cm

VERIFICHE DI RESISTENZA IN PRESSO-TENSO FLESSIONE ALLO STATO LIMITE ULTIMO

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Ver S = combinazione verificata / N = combin. non verificata
 N Sforzo normale assegnato [kN] nel baricentro B sezione cls.(positivo se di compressione)
 Mx Componente del momento assegnato [kNm] riferito all'asse x princ. d'inerzia
 My Componente del momento assegnato [kNm] riferito all'asse y princ. d'inerzia
 N Res Sforzo normale resistente [kN] nel baricentro B sezione cls.(positivo se di compress.)
 Mx Res Momento flettente resistente [kNm] riferito all'asse x princ. d'inerzia
 My Res Momento flettente resistente [kNm] riferito all'asse y princ. d'inerzia
 Mis.Sic. Misura sicurezza = rapporto vettoriale tra (N r,Mx Res,My Res) e (N,Mx,My)
 Verifica positiva se tale rapporto risulta >=1.000
 As Tesa Area armature trave [cm²] in zona tesa. [Tra parentesi l'area minima ex (4.1.15)NTC]

N°Comb	Ver	N	Mx	My	N Res	Mx Res	My Res	Mis.Sic.	As Tesa
1	S	125.00	570.00	0.00	125.03	1576.96	0.00	2.76	
45.2(17.9)									
2	S	155.00	235.00	0.00	155.00	1589.23	0.00	6.70	
45.2(17.9)									

METODO AGLI STATI LIMITE ULTIMI - DEFORMAZIONI UNITARIE ALLO STATO ULTIMO

ec max Deform. unit. massima del calcestruzzo a compressione
 x/d Rapporto di duttilità [§ 4.1.2.1.2.1 NTC] deve essere < 0.45
 Xc max Ascissa in cm della fibra corrisp. a ec max (sistema rif. X,Y,O sez.)
 Yc max Ordinata in cm della fibra corrisp. a ec max (sistema rif. X,Y,O sez.)
 es min Deform. unit. minima nell'acciaio (negativa se di trazione)
 Xs min Ascissa in cm della barra corrisp. a es min (sistema rif. X,Y,O sez.)
 Ys min Ordinata in cm della barra corrisp. a es min (sistema rif. X,Y,O sez.)
 es max Deform. unit. massima nell'acciaio (positiva se di compress.)
 Xs max Ascissa in cm della barra corrisp. a es max (sistema rif. X,Y,O sez.)
 Ys max Ordinata in cm della barra corrisp. a es max (sistema rif. X,Y,O sez.)

N°Comb	ec max	x/d	Xc max	Yc max	es min	Xs min	Ys min	es max	Xs max	Ys max
1	0.00350	0.118	100.0	100.0	0.00057	91.0	91.0	-0.02611	9.0	9.0
2	0.00350	0.119	100.0	100.0	0.00060	91.0	91.0	-0.02583	9.0	9.0

POSIZIONE ASSE NEUTRO PER OGNI COMB. DI RESISTENZA

a, b, c Coeff. a, b, c nell'eq. dell'asse neutro $aX+bY+c=0$ nel rif. X,Y,O gen.
 x/d Rapp. di duttilità (travi e solette)[§ 4.1.2.1.2.1 NTC]: deve essere < 0.45
 C.Rid. Coeff. di riduz. momenti per sola flessione in travi continue



N°Comb	a	b	c	x/d	C.Rid.
1	0.000000000	0.000325419	-0.029041921	0.118	0.700
2	0.000000000	0.000322281	-0.028728077	0.119	0.700

COMBINAZIONI RARE IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)

Ver S = comb. verificata/ N = comb. non verificata
 Sc max Massima tensione (positiva se di compressione) nel calcestruzzo [MPa]
 Xc max, Yc max Ascissa, Ordinata [cm] del punto corrisp. a Sc max (sistema rif. X,Y,O)
 Ss min Minima tensione (negativa se di trazione) nell'acciaio [MPa]
 Xs min, Ys min Ascissa, Ordinata [cm] della barra corrisp. a Ss min (sistema rif. X,Y,O)
 Ac eff. Area di calcestruzzo [cm²] in zona tesa considerata aderente alle barre
 As eff. Area barre [cm²] in zona tesa considerate efficaci per l'apertura delle fessure

N°Comb	Ver	Sc max	Xc max	Yc max	Ss min	Xs min	Ys min	Ac eff.	As eff.
1	S	2.76	0.0	100.0	-78.7	91.0	9.0	2250	45.2

COMBINAZIONI RARE IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]

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Ver.	La sezione viene assunta sempre fessurata anche nel caso in cui la trazione minima del calcestruzzo sia inferiore a f_{ctm}
e1	Esito della verifica
e2	Massima deformazione unitaria di trazione nel calcestruzzo (trazione -) valutata in sezione fessurata
k1	Minima deformazione unitaria di trazione nel calcestruzzo (trazione -) valutata in sezione fessurata = 0.8 per barre ad aderenza migliorata [eq.(7.11)EC2]
kt	= 0.4 per comb. quasi permanenti / = 0.6 per comb.frequenti [cfr. eq.(7.9)EC2]
k2	= 0.5 per flessione; $= (e1 + e2)/(2 \cdot e1)$ per trazione eccentrica [eq.(7.13)EC2]
k3	= 3.400 Coeff. in eq.(7.11) come da annessi nazionali
k4	= 0.425 Coeff. in eq.(7.11) come da annessi nazionali
Ø	Diametro [mm] equivalente delle barre tese comprese nell'area efficace $A_{c\ eff}$ [eq.(7.11)EC2]
Cf	Copriferro [mm] netto calcolato con riferimento alla barra più tesa
e sm - e cm	Differenza tra le deformazioni medie di acciaio e calcestruzzo [(7.8)EC2 e (C4.1.7)NTC] Tra parentesi: valore minimo = $0.6 S_{max} / E_s$ [(7.9)EC2 e (C4.1.8)NTC]
sr max	Massima distanza tra le fessure [mm]
wk	Apertura fessure in mm calcolata = $sr\ max \cdot (e_{sm} - e_{cm})$ [(7.8)EC2 e (C4.1.7)NTC]. Valore limite tra parentesi
Mx fess.	Componente momento di prima fessurazione intorno all'asse X [kNm]
My fess.	Componente momento di prima fessurazione intorno all'asse Y [kNm]

Comb.	Ver	e1	e2	k2	Ø	Cf	e sm - e cm	sr max	wk	Mx fess	My fess
1	S	-0.00045	0.00000	0.500	24.0	78	0.00024 (0.00024)	468	0.111 (990.00)	687.90	0.00

COMBINAZIONI FREQUENTI IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)

N°Comb	Ver	Sc max	Xc max	Yc max	Ss min	Xs min	Ys min	Ac eff.	As eff.
1	S	2.28	0.0	100.0	-65.5	91.0	9.0	2250	45.2

COMBINAZIONI FREQUENTI IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]



Comb.	Ver	e1	e2	k2	Ø	Cf	e sm - e cm	sr max	wk	Mx fess	My fess
1	S	-0.00038	0.00000	0.500	24.0	78	0.00020 (0.00020)	468	0.092 (0.20)	685.74	0.00

COMBINAZIONI QUASI PERMANENTI IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)



N°Comb	Ver	Sc max	Xc max	Yc max	Ss min	Xs min	Ys min	Ac eff.	As eff.
1	S	0.86	0.0	100.0	-20.6	91.0	9.0	2150	45.2

COMBINAZIONI QUASI PERMANENTI IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]

Comb.	Ver	e1	e2	k2	Ø	Cf	e sm - e cm	sr max	wk	Mx fess	My fess
1	S	-0.00012	0.00000	0.500	24.0	78	0.00006 (0.00006)	459	0.028 (0.20)	735.07	0.00

GENERAL CONTRACTOR 		ALTA SORVEGLIANZA  GRUPPO FERROVIE DELLO STATO ITALIANE		
		Progetto	Lotto	Codifica
		IN17	12	EI2CLSL1000001
				A

SEZIONE					
b _w	=	100	cm		
h	=	100	cm		
c	=	5	cm		
d	=	h-c	=	95	cm
MATERIALI					
f _{ywd}	=	391.30	MPa		
R _{ck}	=	40	MPa		
γ _c	=	1.5			
f _{ck}	=	0.83xR _{ck}	=	33.2	MPa
f _{cd}	=	0.85xf _{ck} /γ _c	=	18.81	MPa
ARMATURE A TAGLIO					
∅ _{st}	=	12			
braccia	=	2.5			
∅ _{st2}	=	0			
braccia	=	0			
passo	=	40	cm		
(A _{sw} / s)	=	7.069	cm ² / m		
α	=	90	°	(90° staffe verticali)	
ARMATURE LONGITUDINALI					
∅ _l	=	20			
Numero	=	5			
A _{sl}	=	15.708	cm ²		
TAGLIO AGENTE		V _{Ed} =	205	(KN)	
SFORZO NORMALE		N _{Ed} =	0	(KN)	
		α _c =	1.0000		
ELEMENTI CON ARMATURA A TAGLIO					
Calcolo di cot θ					
cot(θ) = 5.75					
θ = 9.87 °					
cot ϑ > 2,5 Si assume ϑ = 21,8°					
Armatura trasversale					
V _{Rsd} = 591.23 (KN)					
V _{Rcd} = 2773.34 (KN)					
V _{Rd} = 591 (KN)					
min(V _{Rsd} , V _{Rcd})					

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A

13.2 SOLETTA SUPERIORE – SEZIONE DI INCASTRO

CARATTERISTICHE DI RESISTENZA DEI MATERIALI IMPIEGATI

CALCESTRUZZO -	Classe:	C32/40	
	Resis. compr. di progetto fcd:	18.8	MPa
	Def.unit. max resistenza ec2:	0.0020	
	Def.unit. ultima ecu:	0.0035	
	Diagramma tensione-deformaz.:	Parabola-Rettangolo	
	Modulo Elastico Normale Ec:	33642.8	MPa
	Resis. media a trazione fctm:	3.10	MPa
	Coeff. Omogen. S.L.E.:	15.00	
	Sc limite S.L.E. comb. Rare:	19.9	MPa
	Sc limite S.L.E. comb. Frequenti:	19.9	MPa
	Ap.Fessure limite S.L.E. comb. Frequenti:	0.200	mm
	Sc limite S.L.E. comb. Q.Permanenti:	14.9	MPa
	Ap.Fess.limite S.L.E. comb. Q.Perm.:	0.200	mm
ACCIAIO -	Tipo:	B450C	
	Resist. caratt. snervam. fyk:	450.0	MPa
	Resist. caratt. rottura ftk:	450.0	MPa
	Resist. snerv. di progetto fyd:	391.3	MPa
	Resist. ultima di progetto ftd:	391.3	MPa
	Deform. ultima di progetto Epu:	0.068	
	Modulo Elastico Ef	2000000	daN/cm ²
	Diagramma tensione-deformaz.:	Bilineare finito	
	Coeff. Aderenza istantaneo $\beta_1 \cdot \beta_2$:	1.00	
	Coeff. Aderenza differito $\beta_1 \cdot \beta_2$:	0.50	
Sf limite S.L.E. Comb. Rare:	360.00	MPa	

CARATTERISTICHE DOMINIO CALCESTRUZZO

Forma del Dominio:	Poligonale
Classe Calcestruzzo:	C32/40

N°vertice:	X [cm]	Y [cm]
1	100.0	100.0
2	100.0	0.0
3	0.0	0.0
4	0.0	100.0



DATI BARRE ISOLATE

N°Barra	X [cm]	Y [cm]	DiamØ[mm]
1	91.0	91.0	24
2	91.0	9.0	24
3	9.0	9.0	24
4	9.0	91.0	24
5	9.0	86.0	24
6	91.0	86.0	24

DATI GENERAZIONI LINEARI DI BARRE

N°Gen.	Numero assegnato alla singola generazione lineare di barre			
N°Barra Ini.	Numero della barra iniziale cui si riferisce la generazione			
N°Barra Fin.	Numero della barra finale cui si riferisce la generazione			
N°Barre	Numero di barre generate equidistanti cui si riferisce la generazione			
Ø	Diametro in mm delle barre della generazione			

N°Gen.	N°Barra Ini.	N°Barra Fin.	N°Barre	Ø
--------	--------------	--------------	---------	---

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	Progetto	Lotto	Codifica	
	IN17	12	EI2CLSL1000001	A

1	2	3	3	24
2	1	4	8	24
3	5	6	3	24

CALCOLO DI RESISTENZA - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N	Sforzo normale [kN] applicato nel Baric. (+ se di compressione)				
Mx	Momento flettente [kNm] intorno all'asse x princ. d'inerzia con verso positivo se tale da comprimere il lembo sup. della sez.				
My	Momento flettente [kNm] intorno all'asse y princ. d'inerzia con verso positivo se tale da comprimere il lembo destro della sez.				
Vy	Componente del Taglio [kN] parallela all'asse princ.d'inerzia y				
Vx	Componente del Taglio [kN] parallela all'asse princ.d'inerzia x				
N°Comb.	N	Mx	My	Vy	Vx
1	145.00	-1200.00	0.00	0.00	0.00
2	170.00	-320.00	0.00	0.00	0.00

COMB. RARE (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N	Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)		
Mx	Momento flettente [kNm] intorno all'asse x princ. d'inerzia (tra parentesi Mom.Fessurazione) con verso positivo se tale da comprimere il lembo superiore della sezione		
My	Momento flettente [kNm] intorno all'asse y princ. d'inerzia (tra parentesi Mom.Fessurazione) con verso positivo se tale da comprimere il lembo destro della sezione		
N°Comb.	N	Mx	My
1	175.00	-700.00	0.00

COMB. FREQUENTI (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA



N	Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)		
Mx	Momento flettente [kNm] intorno all'asse x princ. d'inerzia (tra parentesi Mom.Fessurazione) con verso positivo se tale da comprimere il lembo superiore della sezione		
My	Momento flettente [kNm] intorno all'asse y princ. d'inerzia (tra parentesi Mom.Fessurazione) con verso positivo se tale da comprimere il lembo destro della sezione		
N°Comb.	N	Mx	My
1	130.00	-625.00 (-701.97)	0.00 (0.00)

COMB. QUASI PERMANENTI (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N	Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)		
Mx	Momento flettente [kNm] intorno all'asse x princ. d'inerzia (tra parentesi Mom.Fessurazione) con verso positivo se tale da comprimere il lembo superiore della sezione		
My	Momento flettente [kNm] intorno all'asse y princ. d'inerzia (tra parentesi Mom.Fessurazione) con verso positivo se tale da comprimere il lembo destro della sezione		
N°Comb.	N	Mx	My
1	80.00	-300.00 (-709.28)	0.00 (0.00)

RISULTATI DEL CALCOLO

Sezione verificata per tutte le combinazioni assegnate

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 								
	<table border="1" style="width: 100%;"> <tr> <td style="width: 25%;">Progetto</td> <td style="width: 25%;">Lotto</td> <td style="width: 25%;">Codifica</td> <td style="width: 25%;"></td> </tr> <tr> <td style="text-align: center;">IN17</td> <td style="text-align: center;">12</td> <td style="text-align: center;">EI2CLSL1000001</td> <td style="text-align: center;">A</td> </tr> </table>	Progetto	Lotto	Codifica		IN17	12	EI2CLSL1000001	A
Progetto	Lotto	Codifica							
IN17	12	EI2CLSL1000001	A						

Copriferro netto minimo barre longitudinali: 7.8 cm

VERIFICHE DI RESISTENZA IN PRESSO-TENSO FLESSIONE ALLO STATO LIMITE ULTIMO

Ver S = combinazione verificata / N = combin. non verificata
N Sforzo normale assegnato [kN] nel baricentro B sezione cls.(positivo se di compressione)
Mx Componente del momento assegnato [kNm] riferito all'asse x princ. d'inerzia
My Componente del momento assegnato [kNm] riferito all'asse y princ. d'inerzia
N Res Sforzo normale resistente [kN] nel baricentro B sezione cls.(positivo se di compress.)
Mx Res Momento flettente resistente [kNm] riferito all'asse x princ. d'inerzia
My Res Momento flettente resistente [kNm] riferito all'asse y princ. d'inerzia
Mis.Sic. Misura sicurezza = rapporto vettoriale tra (N r,Mx Res,My Res) e (N,Mx,My)
Verifica positiva se tale rapporto risulta >=1.000
As Tesa Area armature trave [cm²] in zona tesa. [Tra parentesi l'area minima ex (4.1.15)NTC]

N°Comb	Ver	N	Mx	My	N Res	Mx Res	My Res	Mis.Sic.	As Tesa
1	N	145.00	-1200.00	0.00	145.22	-2258.33	0.00	1.88	
67.9(17.9)									
2	N	170.00	-320.00	0.00	169.82	-2267.89	0.00	6.99	
67.9(17.9)									

METODO AGLI STATI LIMITE ULTIMI - DEFORMAZIONI UNITARIE ALLO STATO ULTIMO

ec max Deform. unit. massima del calcestruzzo a compressione
x/d Rapporto di duttilità [§ 4.1.2.1.2.1 NTC] deve essere < 0.45
Xc max Ascissa in cm della fibra corrisp. a ec max (sistema rif. X,Y,O sez.)
Yc max Ordinata in cm della fibra corrisp. a ec max (sistema rif. X,Y,O sez.)
es min Deform. unit. minima nell'acciaio (negativa se di trazione)
Xs min Ascissa in cm della barra corrisp. a es min (sistema rif. X,Y,O sez.)
Ys min Ordinata in cm della barra corrisp. a es min (sistema rif. X,Y,O sez.)
es max Deform. unit. massima nell'acciaio (positiva se di compress.)
Xs max Ascissa in cm della barra corrisp. a es max (sistema rif. X,Y,O sez.)
Ys max Ordinata in cm della barra corrisp. a es max (sistema rif. X,Y,O sez.)

N°Comb	ec max	x/d	Xc max	Yc max	es min	Xs min	Ys min	es max	Xs max	Ys max
1	0.00350	0.159	0.0	0.0	0.00132	9.0	9.0	-0.01853	91.0	91.0
2	0.00350	0.160	0.0	0.0	0.00134	9.0	9.0	-0.01836	91.0	91.0

POSIZIONE ASSE NEUTRO PER OGNI COMB. DI RESISTENZA



a, b, c Coeff. a, b, c nell'eq. dell'asse neutro $aX+bY+c=0$ nel rif. X,Y,O gen.
x/d Rapp. di duttilità (travi e solette)[§ 4.1.2.1.2.1 NTC]: deve essere < 0.45
C.Rid. Coeff. di riduz. momenti per sola flessione in travi continue

N°Comb	a	b	c	x/d	C.Rid.
1	0.000000000	-0.000242046	0.003500000	0.159	0.700
2	0.000000000	-0.000240181	0.003500000	0.160	0.700

COMBINAZIONI RARE IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)

Ver S = comb. verificata/ N = comb. non verificata
Sc max Massima tensione (positiva se di compressione) nel calcestruzzo [MPa]
Xc max, Yc max Ascissa, Ordinata [cm] del punto corrisp. a Sc max (sistema rif. X,Y,O)
Ss min Minima tensione (negativa se di trazione) nell'acciaio [MPa]
Xs min, Ys min Ascissa, Ordinata [cm] della barra corrisp. a Ss min (sistema rif. X,Y,O)
Ac eff. Area di calcestruzzo [cm²] in zona tesa considerata aderente alle barre
As eff. Area barre [cm²] in zona tesa considerate efficaci per l'apertura delle fessure

N°Comb	Ver	Sc max	Xc max	Yc max	Ss min	Xs min	Ys min	Ac eff.	As eff.
1	S	4.98	0.0	0.0	-122.6	72.8	91.0	2200	67.9

GENERAL CONTRACTOR 		ALTA SORVEGLIANZA 			
		Progetto	Lotto	Codifica	
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COMBINAZIONI RARE IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]

La sezione viene assunta sempre fessurata anche nel caso in cui la trazione minima del calcestruzzo sia inferiore a f_{ctm}

Ver.	Esito della verifica
e1	Massima deformazione unitaria di trazione nel calcestruzzo (trazione -) valutata in sezione fessurata
e2	Minima deformazione unitaria di trazione nel calcestruzzo (trazione -) valutata in sezione fessurata
k1	= 0.8 per barre ad aderenza migliorata [eq.(7.11)EC2]
kt	= 0.4 per comb. quasi permanenti / = 0.6 per comb.frequenti [cfr. eq.(7.9)EC2]
k2	= 0.5 per flessione; $=(e1 + e2)/(2*e1)$ per trazione eccentrica [eq.(7.13)EC2]
k3	= 3.400 Coeff. in eq.(7.11) come da annessi nazionali
k4	= 0.425 Coeff. in eq.(7.11) come da annessi nazionali
Ø	Diametro [mm] equivalente delle barre tese comprese nell'area efficace $A_{c\ eff}$ [eq.(7.11)EC2]
Cf	Copriferro [mm] netto calcolato con riferimento alla barra più tesa
e sm - e cm	Differenza tra le deformazioni medie di acciaio e calcestruzzo [(7.8)EC2 e (C4.1.7)NTC] Tra parentesi: valore minimo = $0.6 S_{max} / E_s$ [(7.9)EC2 e (C4.1.8)NTC]
sr max	Massima distanza tra le fessure [mm]
wk	Apertura fessure in mm calcolata = $sr\ max*(e_sm - e_cm)$ [(7.8)EC2 e (C4.1.7)NTC]. Valore limite tra parentesi
Mx fess.	Componente momento di prima fessurazione intorno all'asse X [kNm]
My fess.	Componente momento di prima fessurazione intorno all'asse Y [kNm]

Comb.	Ver	e1	e2	k2	Ø	Cf	e sm - e cm	sr max	wk	Mx fess	My fess
1	S	-0.00071	0.00000	0.500	24.0	78	0.00037 (0.00037)	397	0.146 (990.00)	-707.19	0.00

COMBINAZIONI FREQUENTI IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)

N°Comb	Ver	Sc max	Xc max	Yc max	Ss min	Xs min	Ys min	Ac eff.	As eff.
1	S	4.42	0.0	0.0	-111.2	91.0	91.0	2200	67.9

COMBINAZIONI FREQUENTI IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]



Comb.	Ver	e1	e2	k2	Ø	Cf	e sm - e cm	sr max	wk	Mx fess	My fess
1	S	-0.00064	0.00000	0.500	24.0	78	0.00033 (0.00033)	397	0.133 (0.20)	-701.97	0.00

COMBINAZIONI QUASI PERMANENTI IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)



N°Comb	Ver	Sc max	Xc max	Yc max	Ss min	Xs min	Ys min	Ac eff.	As eff.
1	S	2.14	0.0	0.0	-52.2	81.9	91.0	2200	67.9

COMBINAZIONI QUASI PERMANENTI IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]

Comb.	Ver	e1	e2	k2	Ø	Cf	e sm - e cm	sr max	wk	Mx fess	My fess
1	S	-0.00030	0.00000	0.500	24.0	78	0.00016 (0.00016)	397	0.062 (0.20)	-709.28	0.00

GENERAL CONTRACTOR 		ALTA SORVEGLIANZA  GRUPPO FERROVIE DELLO STATO ITALIANE			
		Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A

SEZIONE					
b_w	=	100	cm		
h	=	100	cm		
c	=	5	cm		
d	=	$h-c$	=	95	cm
MATERIALI					
f_{ywd}	=	391.30	MPa		
R_{ck}	=	40	MPa		
γ_c	=	1.5			
f_{ck}	=	$0.83 \times R_{ck}$	=	33.2	MPa
f_{cd}	=	$0.85 \times f_{ck} / \gamma_c$	=	18.81	MPa
ARMATURE A TAGLIO					
\varnothing_{st}	=	12			
braccia	=	5			
\varnothing_{st2}	=	0			
braccia	=	0			
passo	=	40	cm		
(A_{sw} / s)	=	14.137	cm^2 / m		
α	=	90	°	(90° staffe verticali)	
TAGLIO AGENTE					
		$V_{Ed} =$	590	(KN)	
SFORZO NORMALE					
		$N_{Ed} =$	0	(KN)	
		$\alpha_c =$	1.0000		
ELEMENTI CON ARMATURA A TAGLIO					
Calcolo di $\cot \theta$					
$\cot(\theta) =$	4.00				
$\theta =$	14.03 °				
IPOTESI 2 $\cot \vartheta > 2,5$ Si assume $\vartheta = 21,8^\circ$					
Armatura trasversale					
$V_{Rsd} =$	1182.45 (KN)				
$V_{Rcd} =$	2773.34 (KN)				
$V_{Rd} =$	1182 (KN)	$\min(V_{Rsd}, V_{Rcd})$			

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A

13.3 SOLETTA INFERIORE – SEZIONE DI MEZZERIA

CARATTERISTICHE DI RESISTENZA DEI MATERIALI IMPIEGATI

CALCESTRUZZO -	Classe:	C32/40	
	Resis. compr. di progetto fcd:	18.8	MPa
	Def.unit. max resistenza ec2:	0.0020	
	Def.unit. ultima ecu:	0.0035	
	Diagramma tensione-deformaz.:	Parabola-Rettangolo	
	Modulo Elastico Normale Ec:	33642.8	MPa
	Resis. media a trazione fctm:	3.10	MPa
	Coeff. Omogen. S.L.E.:	15.00	
	Sc limite S.L.E. comb. Rare:	19.9	MPa
	Sc limite S.L.E. comb. Frequenti:	19.9	MPa
	Ap.Fessure limite S.L.E. comb. Frequenti:	0.200	mm
	Sc limite S.L.E. comb. Q.Permanenti:	14.9	MPa
	Ap.Fess.limite S.L.E. comb. Q.Perm.:	0.200	mm
ACCIAIO -	Tipo:	B450C	
	Resist. caratt. snervam. fyk:	450.0	MPa
	Resist. caratt. rottura ftk:	450.0	MPa
	Resist. snerv. di progetto fyd:	391.3	MPa
	Resist. ultima di progetto ftd:	391.3	MPa
	Deform. ultima di progetto Epu:	0.068	
	Modulo Elastico Ef	2000000	daN/cm ²
	Diagramma tensione-deformaz.:	Bilineare finito	
	Coeff. Aderenza istantaneo $\beta_1 \cdot \beta_2$:	1.00	
	Coeff. Aderenza differito $\beta_1 \cdot \beta_2$:	0.50	
Sf limite S.L.E. Comb. Rare:	360.00	MPa	

CARATTERISTICHE DOMINIO CALCESTRUZZO

Forma del Dominio:	Poligonale
Classe Calcestruzzo:	C32/40

N°vertice:	X [cm]	Y [cm]
1	100.0	100.0
2	100.0	0.0
3	0.0	0.0
4	0.0	100.0



DATI BARRE ISOLATE

N°Barra	X [cm]	Y [cm]	DiamØ[mm]
1	91.0	91.0	24
2	91.0	9.0	24
3	9.0	9.0	24
4	9.0	91.0	24

DATI GENERAZIONI LINEARI DI BARRE

N°Gen.	Numero assegnato alla singola generazione lineare di barre			
N°Barra Ini.	Numero della barra iniziale cui si riferisce la generazione			
N°Barra Fin.	Numero della barra finale cui si riferisce la generazione			
N°Barre	Numero di barre generate equidistanti cui si riferisce la generazione			
Ø	Diametro in mm delle barre della generazione			

N°Gen.	N°Barra Ini.	N°Barra Fin.	N°Barre	Ø
1	1	4	8	24

GENERAL CONTRACTOR 		ALTA SORVEGLIANZA 			
		Progetto	Lotto	Codifica	
		IN17	12	EI2CLSL1000001	A

2 2 3 3 24

CALCOLO DI RESISTENZA - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N	Sforzo normale [kN] applicato nel Baric. (+ se di compressione)				
Mx	Momento flettente [kNm] intorno all'asse x princ. d'inerzia con verso positivo se tale da comprimere il lembo sup. della sez.				
My	Momento flettente [kNm] intorno all'asse y princ. d'inerzia con verso positivo se tale da comprimere il lembo destro della sez.				
Vy	Componente del Taglio [kN] parallela all'asse princ.d'inerzia y				
Vx	Componente del Taglio [kN] parallela all'asse princ.d'inerzia x				
N°Comb.	N	Mx	My	Vy	Vx
1	0.00	-800.00	0.00	0.00	0.00
2	0.00	-250.00	0.00	0.00	0.00

COMB. RARE (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N	Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)		
Mx	Momento flettente [kNm] intorno all'asse x princ. d'inerzia (tra parentesi Mom.Fessurazione) con verso positivo se tale da comprimere il lembo superiore della sezione		
My	Momento flettente [kNm] intorno all'asse y princ. d'inerzia (tra parentesi Mom.Fessurazione) con verso positivo se tale da comprimere il lembo destro della sezione		
N°Comb.	N	Mx	My
1	0.00	-480.00	0.00

COMB. FREQUENTI (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N	Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)		
Mx	Momento flettente [kNm] intorno all'asse x princ. d'inerzia (tra parentesi Mom.Fessurazione) con verso positivo se tale da comprimere il lembo superiore della sezione		
My	Momento flettente [kNm] intorno all'asse y princ. d'inerzia (tra parentesi Mom.Fessurazione) con verso positivo se tale da comprimere il lembo destro della sezione		
N°Comb.	N	Mx	My
1	0.00	-430.00 (-637.56)	0.00 (0.00)

COMB. QUASI PERMANENTI (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA



N	Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)		
Mx	Momento flettente [kNm] intorno all'asse x princ. d'inerzia (tra parentesi Mom.Fessurazione) con verso positivo se tale da comprimere il lembo superiore della sezione		
My	Momento flettente [kNm] intorno all'asse y princ. d'inerzia (tra parentesi Mom.Fessurazione) con verso positivo se tale da comprimere il lembo destro della sezione		
N°Comb.	N	Mx	My
1	0.00	-220.00 (-637.56)	0.00 (0.00)

RISULTATI DEL CALCOLO

Sezione verificata per tutte le combinazioni assegnate

Copriferro netto minimo barre longitudinali: 7.8 cm

VERIFICHE DI RESISTENZA IN PRESSO-TENSO FLESSIONE ALLO STATO LIMITE ULTIMO

GENERAL CONTRACTOR 		ALTA SORVEGLIANZA 			
		Progetto	Lotto	Codifica	
		IN17	12	EI2CLSL1000001	A

Ver S = combinazione verificata / N = combin. non verificata
 N Sforzo normale assegnato [kN] nel baricentro B sezione cls.(positivo se di compressione)
 Mx Componente del momento assegnato [kNm] riferito all'asse x princ. d'inerzia
 My Componente del momento assegnato [kNm] riferito all'asse y princ. d'inerzia
 N Res Sforzo normale resistente [kN] nel baricentro B sezione cls.(positivo se di compress.)
 Mx Res Momento flettente resistente [kNm] riferito all'asse x princ. d'inerzia
 My Res Momento flettente resistente [kNm] riferito all'asse y princ. d'inerzia
 Mis.Sic. Misura sicurezza = rapporto vettoriale tra (N r,Mx Res,My Res) e (N,Mx,My)
 Verifica positiva se tale rapporto risulta >=1.000
 As Tesa Area armature trave [cm²] in zona tesa. [Tra parentesi l'area minima ex (4.1.15)NTC]

N°Comb	Ver	N	Mx	My	N Res	Mx Res	My Res	Mis.Sic.	As Tesa
1	S	0.00	-800.00	0.00	0.00	-1525.47	0.00	1.91	
45.2(16.3)									
2	S	0.00	-250.00	0.00	0.00	-1525.47	0.00	6.10	
45.2(16.3)									

METODO AGLI STATI LIMITE ULTIMI - DEFORMAZIONI UNITARIE ALLO STATO ULTIMO

ec max Deform. unit. massima del calcestruzzo a compressione
 x/d Rapporto di duttilità [§ 4.1.2.1.2.1 NTC] deve essere < 0.45
 Xc max Ascissa in cm della fibra corrisp. a ec max (sistema rif. X,Y,O sez.)
 Yc max Ordinata in cm della fibra corrisp. a ec max (sistema rif. X,Y,O sez.)
 es min Deform. unit. minima nell'acciaio (negativa se di trazione)
 Xs min Ascissa in cm della barra corrisp. a es min (sistema rif. X,Y,O sez.)
 Ys min Ordinata in cm della barra corrisp. a es min (sistema rif. X,Y,O sez.)
 es max Deform. unit. massima nell'acciaio (positiva se di compress.)
 Xs max Ascissa in cm della barra corrisp. a es max (sistema rif. X,Y,O sez.)
 Ys max Ordinata in cm della barra corrisp. a es max (sistema rif. X,Y,O sez.)

N°Comb	ec max	x/d	Xc max	Yc max	es min	Xs min	Ys min	es max	Xs max	Ys max
1	0.00350	0.113	0.0	0.0	0.00044	9.0	9.0	-0.02740	91.0	91.0
2	0.00350	0.113	0.0	0.0	0.00044	9.0	9.0	-0.02740	91.0	91.0

POSIZIONE ASSE NEUTRO PER OGNI COMB. DI RESISTENZA

a, b, c Coeff. a, b, c nell'eq. dell'asse neutro $aX+bY+c=0$ nel rif. X,Y,O gen.
 x/d Rapp. di duttilità (travi e solette)[§ 4.1.2.1.2.1 NTC]: deve essere < 0.45
 C.Rid. Coeff. di riduz. momenti per sola flessione in travi continue



N°Comb	a	b	c	x/d	C.Rid.
1	0.000000000	-0.000339565	0.003500000	0.113	0.700
2	0.000000000	-0.000339565	0.003500000	0.113	0.700

COMBINAZIONI RARE IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)

Ver S = comb. verificata/ N = comb. non verificata
 Sc max Massima tensione (positiva se di compressione) nel calcestruzzo [MPa]
 Xc max, Yc max Ascissa, Ordinata [cm] del punto corrisp. a Sc max (sistema rif. X,Y,O)
 Ss min Minima tensione (negativa se di trazione) nell'acciaio [MPa]
 Xs min, Ys min Ascissa, Ordinata [cm] della barra corrisp. a Ss min (sistema rif. X,Y,O)
 Ac eff. Area di calcestruzzo [cm²] in zona tesa considerata aderente alle barre
 As eff. Area barre [cm²] in zona tesa considerate efficaci per l'apertura delle fessure

N°Comb	Ver	Sc max	Xc max	Yc max	Ss min	Xs min	Ys min	Ac eff.	As eff.
1	S	3.69	100.0	0.0	-129.5	9.0	91.0	2250	45.2

COMBINAZIONI RARE IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]

GENERAL CONTRACTOR 		ALTA SORVEGLIANZA 			
		Progetto	Lotto	Codifica	
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Ver.	La sezione viene assunta sempre fessurata anche nel caso in cui la trazione minima del calcestruzzo sia inferiore a f_{ctm}
e1	Esito della verifica
e2	Massima deformazione unitaria di trazione nel calcestruzzo (trazione -) valutata in sezione fessurata
k1	Minima deformazione unitaria di trazione nel calcestruzzo (trazione -) valutata in sezione fessurata = 0.8 per barre ad aderenza migliorata [eq.(7.11)EC2]
kt	= 0.4 per comb. quasi permanenti / = 0.6 per comb.frequenti [cfr. eq.(7.9)EC2]
k2	= 0.5 per flessione; $= (e1 + e2)/(2 \cdot e1)$ per trazione eccentrica [eq.(7.13)EC2]
k3	= 3.400 Coeff. in eq.(7.11) come da annessi nazionali
k4	= 0.425 Coeff. in eq.(7.11) come da annessi nazionali
Ø	Diametro [mm] equivalente delle barre tese comprese nell'area efficace $A_{c\ eff}$ [eq.(7.11)EC2]
Cf	Copriferro [mm] netto calcolato con riferimento alla barra più tesa
e sm - e cm	Differenza tra le deformazioni medie di acciaio e calcestruzzo [(7.8)EC2 e (C4.1.7)NTC] Tra parentesi: valore minimo = $0.6 S_{max} / E_s$ [(7.9)EC2 e (C4.1.8)NTC]
sr max	Massima distanza tra le fessure [mm]
wk	Apertura fessure in mm calcolata = $sr\ max \cdot (e_{sm} - e_{cm})$ [(7.8)EC2 e (C4.1.7)NTC]. Valore limite tra parentesi
Mx fess.	Componente momento di prima fessurazione intorno all'asse X [kNm]
My fess.	Componente momento di prima fessurazione intorno all'asse Y [kNm]

Comb.	Ver	e1	e2	k2	Ø	Cf	e sm - e cm	sr max	wk	Mx fess	My fess
1	S	-0.00074	0.00000	0.500	24.0	78	0.00039 (0.00039)	468	0.182 (990.00)	-637.56	0.00

COMBINAZIONI FREQUENTI IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)

N°Comb	Ver	Sc max	Xc max	Yc max	Ss min	Xs min	Ys min	Ac eff.	As eff.
1	S	3.30	100.0	0.0	-116.0	9.0	91.0	2250	45.2

COMBINAZIONI FREQUENTI IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]



Comb.	Ver	e1	e2	k2	Ø	Cf	e sm - e cm	sr max	wk	Mx fess	My fess
1	S	-0.00066	0.00000	0.500	24.0	78	0.00035 (0.00035)	468	0.163 (0.20)	-637.56	0.00

COMBINAZIONI QUASI PERMANENTI IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)



N°Comb	Ver	Sc max	Xc max	Yc max	Ss min	Xs min	Ys min	Ac eff.	As eff.
1	S	1.69	100.0	0.0	-59.4	18.1	91.0	2250	45.2

COMBINAZIONI QUASI PERMANENTI IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]

Comb.	Ver	e1	e2	k2	Ø	Cf	e sm - e cm	sr max	wk	Mx fess	My fess
1	S	-0.00034	0.00000	0.500	24.0	78	0.00018 (0.00018)	468	0.083 (0.20)	-637.56	0.00

GENERAL CONTRACTOR 		ALTA SORVEGLIANZA  GRUPPO FERROVIE DELLO STATO ITALIANE			
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SEZIONE					
b_w	=	100	cm		
h	=	100	cm		
c	=	5	cm		
d	=	$h-c$	=	95	cm
MATERIALI					
f_{ywd}	=	391.30	MPa		
R_{ck}	=	40	MPa		
γ_c	=	1.5			
f_{ck}	=	$0.83 \times R_{ck}$	=	33.2	MPa
f_{cd}	=	$0.85 \times f_{ck} / \gamma_c$	=	18.81	MPa
ARMATURE A TAGLIO					
\varnothing_{st}	=	12			
braccia	=	2.5			
\varnothing_{st2}	=	0			
braccia	=	0			
passo	=	40	cm		
(A_{sw} / s)	=	7.069	cm^2 / m		
α	=	90	$^\circ$	(90° staffe verticali)	
ARMATURE LONGITUDINALI					
\varnothing_l	=	20			
Numero	=	10			
A_{sl}	=	31.416	cm^2		
TAGLIO AGENTE		$V_{Ed} =$	215	(KN)	
SFORZO NORMALE		$N_{Ed} =$	0	(KN)	
		$\alpha_c =$	1.0000		
ELEMENTI CON ARMATURA A TAGLIO					
Calcolo di cot θ					
cot(θ) =		5.75			
$\theta =$		9.87 $^\circ$			
		cot $\vartheta > 2,5$		Si assume $\vartheta = 21,8^\circ$	
Armatura trasversale					
$V_{Rsd} =$		591.23 (KN)			
$V_{Rcd} =$		2773.34 (KN)			
$V_{Rd} =$		591 (KN)			
min(V_{Rsd}, V_{Rcd})					

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
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13.4 SOLETTA INFERIORE – SEZIONE DI INCASTRO

CARATTERISTICHE DI RESISTENZA DEI MATERIALI IMPIEGATI

CALCESTRUZZO -	Classe:	C32/40	
	Resis. compr. di progetto fcd:	18.8	MPa
	Def.unit. max resistenza ec2:	0.0020	
	Def.unit. ultima ecu:	0.0035	
	Diagramma tensione-deformaz.:	Parabola-Rettangolo	
	Modulo Elastico Normale Ec:	33642.8	MPa
	Resis. media a trazione fctm:	3.10	MPa
	Coeff. Omogen. S.L.E.:	15.00	
	Sc limite S.L.E. comb. Rare:	19.9	MPa
	Sc limite S.L.E. comb. Frequenti:	19.9	MPa
	Ap.Fessure limite S.L.E. comb. Frequenti:	0.200	mm
	Sc limite S.L.E. comb. Q.Permanenti:	14.9	MPa
	Ap.Fess.limite S.L.E. comb. Q.Perm.:	0.200	mm
ACCIAIO -	Tipo:	B450C	
	Resist. caratt. snervam. fyk:	450.0	MPa
	Resist. caratt. rottura ftk:	450.0	MPa
	Resist. snerv. di progetto fyd:	391.3	MPa
	Resist. ultima di progetto ftd:	391.3	MPa
	Deform. ultima di progetto Epu:	0.068	
	Modulo Elastico Ef	2000000	daN/cm ²
	Diagramma tensione-deformaz.:	Bilineare finito	
	Coeff. Aderenza istantaneo $\beta_1 \cdot \beta_2$:	1.00	
	Coeff. Aderenza differito $\beta_1 \cdot \beta_2$:	0.50	
Sf limite S.L.E. Comb. Rare:	360.00	MPa	

CARATTERISTICHE DOMINIO CALCESTRUZZO

Forma del Dominio:	Poligonale
Classe Calcestruzzo:	C32/40

N°vertice:	X [cm]	Y [cm]
1	100.0	100.0
2	100.0	0.0
3	0.0	0.0
4	0.0	100.0



DATI BARRE ISOLATE

N°Barra	X [cm]	Y [cm]	DiamØ[mm]
1	91.0	91.0	24
2	91.0	9.0	24
3	9.0	9.0	24
4	9.0	91.0	24
5	9.0	14.0	24
6	91.0	14.0	24

DATI GENERAZIONI LINEARI DI BARRE

N°Gen.	Numero assegnato alla singola generazione lineare di barre			
N°Barra Ini.	Numero della barra iniziale cui si riferisce la generazione			
N°Barra Fin.	Numero della barra finale cui si riferisce la generazione			
N°Barre	Numero di barre generate equidistanti cui si riferisce la generazione			
Ø	Diametro in mm delle barre della generazione			

N°Gen. N°Barra Ini. N°Barra Fin. N°Barre Ø

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
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1	2	3	8	24
2	1	4	3	24
3	5	6	3	24

CALCOLO DI RESISTENZA - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N	Sforzo normale [kN] applicato nel Baric. (+ se di compressione)				
Mx	Momento flettente [kNm] intorno all'asse x princ. d'inerzia con verso positivo se tale da comprimere il lembo sup. della sez.				
My	Momento flettente [kNm] intorno all'asse y princ. d'inerzia con verso positivo se tale da comprimere il lembo destro della sez.				
Vy	Componente del Taglio [kN] parallela all'asse princ.d'inerzia y				
Vx	Componente del Taglio [kN] parallela all'asse princ.d'inerzia x				
N°Comb.	N	Mx	My	Vy	Vx
1	0.00	1210.00	0.00	0.00	0.00
2	0.00	590.00	0.00	0.00	0.00

COMB. RARE (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N	Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)		
Mx	Momento flettente [kNm] intorno all'asse x princ. d'inerzia (tra parentesi Mom.Fessurazione) con verso positivo se tale da comprimere il lembo superiore della sezione		
My	Momento flettente [kNm] intorno all'asse y princ. d'inerzia (tra parentesi Mom.Fessurazione) con verso positivo se tale da comprimere il lembo destro della sezione		
N°Comb.	N	Mx	My
1	0.00	750.00	0.00

COMB. FREQUENTI (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N	Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)		
Mx	Momento flettente [kNm] intorno all'asse x princ. d'inerzia (tra parentesi Mom.Fessurazione) con verso positivo se tale da comprimere il lembo superiore della sezione		
My	Momento flettente [kNm] intorno all'asse y princ. d'inerzia (tra parentesi Mom.Fessurazione) con verso positivo se tale da comprimere il lembo destro della sezione		
N°Comb.	N	Mx	My
1	0.00	600.00 (677.24)	0.00 (0.00)

COMB. QUASI PERMANENTI (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA



N	Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)		
Mx	Momento flettente [kNm] intorno all'asse x princ. d'inerzia (tra parentesi Mom.Fessurazione) con verso positivo se tale da comprimere il lembo superiore della sezione		
My	Momento flettente [kNm] intorno all'asse y princ. d'inerzia (tra parentesi Mom.Fessurazione) con verso positivo se tale da comprimere il lembo destro della sezione		
N°Comb.	N	Mx	My
1	0.00	350.00 (677.24)	0.00 (0.00)

RISULTATI DEL CALCOLO

Sezione verificata per tutte le combinazioni assegnate

Copriferro netto minimo barre longitudinali:

7.8 cm

GENERAL CONTRACTOR 		ALTA SORVEGLIANZA 			
		Progetto	Lotto	Codifica	
		IN17	12	EI2CLSL1000001	A

VERIFICHE DI RESISTENZA IN PRESSO-TENSO FLESSIONE ALLO STATO LIMITE ULTIMO

Ver	S = combinazione verificata / N = combin. non verificata
N	Sforzo normale assegnato [kN] nel baricentro B sezione cls.(positivo se di compressione)
Mx	Componente del momento assegnato [kNm] riferito all'asse x princ. d'inerzia
My	Componente del momento assegnato [kNm] riferito all'asse y princ. d'inerzia
N Res	Sforzo normale resistente [kN] nel baricentro B sezione cls.(positivo se di compress.)
Mx Res	Momento flettente resistente [kNm] riferito all'asse x princ. d'inerzia
My Res	Momento flettente resistente [kNm] riferito all'asse y princ. d'inerzia
Mis.Sic.	Misura sicurezza = rapporto vettoriale tra (N r,Mx Res,My Res) e (N,Mx,My) Verifica positiva se tale rapporto risulta >=1.000
As Tesa	Area armature trave [cm ²] in zona tesa. [Tra parentesi l'area minima ex (4.1.15)NTC]

N°Comb	Ver	N	Mx	My	N Res	Mx Res	My Res	Mis.Sic.	As Tesa
1	N	0.00	1210.00	0.00	0.00	2201.50	0.00	1.82	
67.9(16.3)									
2	N	0.00	590.00	0.00	0.00	2201.50	0.00	3.73	
67.9(16.3)									

METODO AGLI STATI LIMITE ULTIMI - DEFORMAZIONI UNITARIE ALLO STATO ULTIMO

ec max	Deform. unit. massima del calcestruzzo a compressione
x/d	Rapporto di duttilità [§ 4.1.2.1.2.1 NTC] deve essere < 0.45
Xc max	Ascissa in cm della fibra corrisp. a ec max (sistema rif. X,Y,O sez.)
Yc max	Ordinata in cm della fibra corrisp. a ec max (sistema rif. X,Y,O sez.)
es min	Deform. unit. minima nell'acciaio (negativa se di trazione)
Xs min	Ascissa in cm della barra corrisp. a es min (sistema rif. X,Y,O sez.)
Ys min	Ordinata in cm della barra corrisp. a es min (sistema rif. X,Y,O sez.)
es max	Deform. unit. massima nell'acciaio (positiva se di compress.)
Xs max	Ascissa in cm della barra corrisp. a es max (sistema rif. X,Y,O sez.)
Ys max	Ordinata in cm della barra corrisp. a es max (sistema rif. X,Y,O sez.)

N°Comb	ec max	x/d	Xc max	Yc max	es min	Xs min	Ys min	es max	Xs max	Ys max
1	0.00350	0.152	100.0	100.0	0.00122	91.0	91.0	-0.01956	9.0	9.0
2	0.00350	0.152	100.0	100.0	0.00122	91.0	91.0	-0.01956	9.0	9.0

POSIZIONE ASSE NEUTRO PER OGNI COMB. DI RESISTENZA



a, b, c	Coeff. a, b, c nell'eq. dell'asse neutro $aX+bY+c=0$ nel rif. X,Y,O gen.
x/d	Rapp. di duttilità (travi e solette)[§ 4.1.2.1.2.1 NTC]: deve essere < 0.45
C.Rid.	Coeff. di riduz. momenti per sola flessione in travi continue

N°Comb	a	b	c	x/d	C.Rid.
1	0.000000000	0.000253372	-0.021837159	0.152	0.700
2	0.000000000	0.000253372	-0.021837159	0.152	0.700

COMBINAZIONI RARE IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)

Ver	S = comb. verificata/ N = comb. non verificata
Sc max	Massima tensione (positiva se di compressione) nel calcestruzzo [MPa]
Xc max, Yc max	Ascissa, Ordinata [cm] del punto corrisp. a Sc max (sistema rif. X,Y,O)
Ss min	Minima tensione (negativa se di trazione) nell'acciaio [MPa]
Xs min, Ys min	Ascissa, Ordinata [cm] della barra corrisp. a Ss min (sistema rif. X,Y,O)
Ac eff.	Area di calcestruzzo [cm ²] in zona tesa considerata aderente alle barre
As eff.	Area barre [cm ²] in zona tesa considerate efficaci per l'apertura delle fessure

N°Comb	Ver	Sc max	Xc max	Yc max	Ss min	Xs min	Ys min	Ac eff.	As eff.
1	S	5.17	100.0	100.0	-143.9	18.1	9.0	2250	67.9

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
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COMBINAZIONI RARE IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]

Ver.	La sezione viene assunta sempre fessurata anche nel caso in cui la trazione minima del calcestruzzo sia inferiore a f_{ctm}
e1	Esito della verifica
e2	Massima deformazione unitaria di trazione nel calcestruzzo (trazione -) valutata in sezione fessurata
k1	Minima deformazione unitaria di trazione nel calcestruzzo (trazione -) valutata in sezione fessurata
kt	= 0.8 per barre ad aderenza migliorata [eq.(7.11)EC2]
k2	= 0.4 per comb. quasi permanenti / = 0.6 per comb.frequenti [cfr. eq.(7.9)EC2]
k3	= 0.5 per flessione; $=(e1 + e2)/(2*e1)$ per trazione eccentrica [eq.(7.13)EC2]
k4	= 3.400 Coeff. in eq.(7.11) come da annessi nazionali
Ø	= 0.425 Coeff. in eq.(7.11) come da annessi nazionali
Cf	Diametro [mm] equivalente delle barre tese comprese nell'area efficace $A_{c\ eff}$ [eq.(7.11)EC2]
e sm - e cm	Copriferro [mm] netto calcolato con riferimento alla barra più tesa
sr max	Differenza tra le deformazioni medie di acciaio e calcestruzzo [(7.8)EC2 e (C4.1.7)NTC]
wk	Tra parentesi: valore minimo = $0.6 S_{max} / E_s$ [(7.9)EC2 e (C4.1.8)NTC]
Mx fess.	Massima distanza tra le fessure [mm]
My fess.	Apertura fessure in mm calcolata = $sr\ max * (e_sm - e_cm)$ [(7.8)EC2 e (C4.1.7)NTC]. Valore limite tra parentesi
	Componente momento di prima fessurazione intorno all'asse X [kNm]
	Componente momento di prima fessurazione intorno all'asse Y [kNm]

Comb.	Ver	e1	e2	k2	Ø	Cf	e sm - e cm	sr max	wk	Mx fess	My fess
1	S	-0.00083	0.00000	0.500	24.0	78	0.00043 (0.00043)	400	0.173 (990.00)	677.24	0.00

COMBINAZIONI FREQUENTI IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)

N°Comb	Ver	Sc max	Xc max	Yc max	Ss min	Xs min	Ys min	Ac eff.	As eff.
1	S	4.13	0.0	100.0	-115.1	91.0	9.0	2250	67.9

COMBINAZIONI FREQUENTI IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]



Comb.	Ver	e1	e2	k2	Ø	Cf	e sm - e cm	sr max	wk	Mx fess	My fess
1	S	-0.00066	0.00000	0.500	24.0	78	0.00035 (0.00035)	400	0.138 (0.20)	677.24	0.00

COMBINAZIONI QUASI PERMANENTI IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)



N°Comb	Ver	Sc max	Xc max	Yc max	Ss min	Xs min	Ys min	Ac eff.	As eff.
1	S	2.41	100.0	100.0	-67.2	18.1	9.0	2250	67.9

COMBINAZIONI QUASI PERMANENTI IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]

Comb.	Ver	e1	e2	k2	Ø	Cf	e sm - e cm	sr max	wk	Mx fess	My fess
1	S	-0.00039	0.00000	0.500	24.0	78	0.00020 (0.00020)	400	0.081 (0.20)	677.24	0.00

GENERAL CONTRACTOR 		ALTA SORVEGLIANZA  GRUPPO FERROVIE DELLO STATO ITALIANE			
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SEZIONE					
b_w	=	100	cm		
h	=	100	cm		
c	=	5	cm		
d	=	$h-c$	=	95	cm
MATERIALI					
f_{ywd}	=	391.30	MPa		
R_{ck}	=	40	MPa		
γ_c	=	1.5			
f_{ck}	=	$0.83 \times R_{ck}$	=	33.2	MPa
f_{cd}	=	$0.85 \times f_{ck} / \gamma_c$	=	18.81	MPa
ARMATURE A TAGLIO					
\varnothing_{st}	=	12			
braccia	=	5			
\varnothing_{st2}	=	0			
braccia	=	0			
passo	=	40	cm		
(A_{sw} / s)	=	14.137	cm^2 / m		
α	=	90	°	(90° staffe verticali)	
ARMATURE LONGITUDINALI					
\varnothing_l	=	20			
Numero	=	10			
A_{sl}	=	31.416	cm^2		
TAGLIO AGENTE		$V_{Ed} =$	885	(KN)	
SFORZO NORMALE		$N_{Ed} =$	0	(KN)	
		$\alpha_c =$	1.0000		
ELEMENTI CON ARMATURA A TAGLIO					
Calcolo di cot θ					
$\cot(\theta) = 4.00$					
$\theta = 14.03^\circ$					
$\cot \vartheta > 2,5$ Si assume $\vartheta = 21,8^\circ$					
Armatura trasversale					
$V_{Rsd} = 1182.45$ (KN)					
$V_{Rcd} = 2773.34$ (KN)					
$V_{Rd} = 1182$ (KN) $\min(V_{Rsd}, V_{Rcd})$					

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A

13.5 PIEDRITTI – SEZIONE DI INCASTRO INFERIORE

CARATTERISTICHE DI RESISTENZA DEI MATERIALI IMPIEGATI

CALCESTRUZZO -	Classe:	C32/40	
	Resis. compr. di progetto fcd:	18.8	MPa
	Def.unit. max resistenza ec2:	0.0020	
	Def.unit. ultima ecu:	0.0035	
	Diagramma tensione-deformaz.:	Parabola-Rettangolo	
	Modulo Elastico Normale Ec:	33642.8	MPa
	Resis. media a trazione fctm:	3.10	MPa
	Coeff. Omogen. S.L.E.:	15.00	
	Sc limite S.L.E. comb. Rare:	19.9	MPa
	Sc limite S.L.E. comb. Frequenti:	19.9	MPa
	Ap.Fessure limite S.L.E. comb. Frequenti:	0.200	mm
	Sc limite S.L.E. comb. Q.Permanenti:	14.9	MPa
	Ap.Fess.limite S.L.E. comb. Q.Perm.:	0.200	mm
ACCIAIO -	Tipo:	B450C	
	Resist. caratt. snervam. fyk:	450.0	MPa
	Resist. caratt. rottura ftk:	450.0	MPa
	Resist. snerv. di progetto fyd:	391.3	MPa
	Resist. ultima di progetto ftd:	391.3	MPa
	Deform. ultima di progetto Epu:	0.068	
	Modulo Elastico Ef	2000000	daN/cm ²
	Diagramma tensione-deformaz.:	Bilineare finito	
	Coeff. Aderenza istantaneo $\beta_1 \cdot \beta_2$:	1.00	
	Coeff. Aderenza differito $\beta_1 \cdot \beta_2$:	0.50	
Sf limite S.L.E. Comb. Rare:	360.00	MPa	

CARATTERISTICHE DOMINIO CALCESTRUZZO

Forma del Dominio:	Poligonale
Classe Calcestruzzo:	C32/40

N°vertice:	X [cm]	Y [cm]
1	100.0	100.0
2	100.0	0.0
3	0.0	0.0
4	0.0	100.0



DATI BARRE ISOLATE

N°Barra	X [cm]	Y [cm]	DiamØ[mm]
1	91.0	91.0	24
2	91.0	9.0	24
3	9.0	9.0	24
4	9.0	91.0	24
5	9.0	86.0	24
6	91.0	86.0	24

DATI GENERAZIONI LINEARI DI BARRE

N°Gen.	Numero assegnato alla singola generazione lineare di barre			
N°Barra Ini.	Numero della barra iniziale cui si riferisce la generazione			
N°Barra Fin.	Numero della barra finale cui si riferisce la generazione			
N°Barre	Numero di barre generate equidistanti cui si riferisce la generazione			
Ø	Diametro in mm delle barre della generazione			

N°Gen. N°Barra Ini. N°Barra Fin. N°Barre Ø

GENERAL CONTRACTOR 		ALTA SORVEGLIANZA 			
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1	2	3	3	24
2	1	4	8	24
3	5	6	3	24

CALCOLO DI RESISTENZA - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N	Sforzo normale [kN] applicato nel Baric. (+ se di compressione)				
Mx	Momento flettente [kNm] intorno all'asse x princ. d'inerzia con verso positivo se tale da comprimere il lembo sup. della sez.				
My	Momento flettente [kNm] intorno all'asse y princ. d'inerzia con verso positivo se tale da comprimere il lembo destro della sez.				
Vy	Componente del Taglio [kN] parallela all'asse princ.d'inerzia y				
Vx	Componente del Taglio [kN] parallela all'asse princ.d'inerzia x				
N°Comb.	N	Mx	My	Vy	Vx
1	710.00	-1020.00	0.00	0.00	0.00
2	375.00	-590.00	0.00	0.00	0.00

COMB. RARE (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N	Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)		
Mx	Momento flettente [kNm] intorno all'asse x princ. d'inerzia (tra parentesi Mom.Fessurazione) con verso positivo se tale da comprimere il lembo superiore della sezione		
My	Momento flettente [kNm] intorno all'asse y princ. d'inerzia (tra parentesi Mom.Fessurazione) con verso positivo se tale da comprimere il lembo destro della sezione		
N°Comb.	N	Mx	My
1	500.00	-710.00	0.00

COMB. FREQUENTI (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA



N	Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)		
Mx	Momento flettente [kNm] intorno all'asse x princ. d'inerzia (tra parentesi Mom.Fessurazione) con verso positivo se tale da comprimere il lembo superiore della sezione		
My	Momento flettente [kNm] intorno all'asse y princ. d'inerzia (tra parentesi Mom.Fessurazione) con verso positivo se tale da comprimere il lembo destro della sezione		
N°Comb.	N	Mx	My
1	405.00	-605.00 (-763.87)	0.00 (0.00)

COMB. QUASI PERMANENTI (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N	Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)		
Mx	Momento flettente [kNm] intorno all'asse x princ. d'inerzia (tra parentesi Mom.Fessurazione) con verso positivo se tale da comprimere il lembo superiore della sezione		
My	Momento flettente [kNm] intorno all'asse y princ. d'inerzia (tra parentesi Mom.Fessurazione) con verso positivo se tale da comprimere il lembo destro della sezione		
N°Comb.	N	Mx	My
1	300.00	-305.00 (-812.66)	0.00 (0.00)

RISULTATI DEL CALCOLO

Sezione verificata per tutte le combinazioni assegnate

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 								
	<table border="1" style="width: 100%;"> <tr> <td style="width: 25%;">Progetto</td> <td style="width: 25%;">Lotto</td> <td style="width: 25%;">Codifica</td> <td style="width: 25%;"></td> </tr> <tr> <td style="text-align: center;">IN17</td> <td style="text-align: center;">12</td> <td style="text-align: center;">EI2CLSL1000001</td> <td style="text-align: center;">A</td> </tr> </table>	Progetto	Lotto	Codifica		IN17	12	EI2CLSL1000001	A
Progetto	Lotto	Codifica							
IN17	12	EI2CLSL1000001	A						

Copriferro netto minimo barre longitudinali: 7.8 cm

VERIFICHE DI RESISTENZA IN PRESSO-TENSO FLESSIONE ALLO STATO LIMITE ULTIMO

Ver S = combinazione verificata / N = combin. non verificata
N Sforzo normale assegnato [kN] nel baricentro B sezione cls.(positivo se di compressione)
Mx Componente del momento assegnato [kNm] riferito all'asse x princ. d'inerzia
My Componente del momento assegnato [kNm] riferito all'asse y princ. d'inerzia
N Res Sforzo normale resistente [kN] nel baricentro B sezione cls.(positivo se di compress.)
Mx Res Momento flettente resistente [kNm] riferito all'asse x princ. d'inerzia
My Res Momento flettente resistente [kNm] riferito all'asse y princ. d'inerzia
Mis.Sic. Misura sicurezza = rapporto vettoriale tra (N r,Mx Res,My Res) e (N,Mx,My)
Verifica positiva se tale rapporto risulta >=1.000
As Tesa Area armature trave [cm²] in zona tesa. [Tra parentesi l'area minima ex (4.1.15)NTC]

N°Comb	Ver	N	Mx	My	N Res	Mx Res	My Res	Mis.Sic.	As Tesa
1	N	710.00	-1020.00	0.00	709.97	-2472.87	0.00	2.39	
67.9(17.9)									
2	N	375.00	-590.00	0.00	374.98	-2346.89	0.00	3.92	
67.9(17.9)									

METODO AGLI STATI LIMITE ULTIMI - DEFORMAZIONI UNITARIE ALLO STATO ULTIMO

ec max Deform. unit. massima del calcestruzzo a compressione
x/d Rapporto di duttilità [§ 4.1.2.1.2.1 NTC] deve essere < 0.45
Xc max Ascissa in cm della fibra corrisp. a ec max (sistema rif. X,Y,O sez.)
Yc max Ordinata in cm della fibra corrisp. a ec max (sistema rif. X,Y,O sez.)
es min Deform. unit. minima nell'acciaio (negativa se di trazione)
Xs min Ascissa in cm della barra corrisp. a es min (sistema rif. X,Y,O sez.)
Ys min Ordinata in cm della barra corrisp. a es min (sistema rif. X,Y,O sez.)
es max Deform. unit. massima nell'acciaio (positiva se di compress.)
Xs max Ascissa in cm della barra corrisp. a es max (sistema rif. X,Y,O sez.)
Ys max Ordinata in cm della barra corrisp. a es max (sistema rif. X,Y,O sez.)

N°Comb	ec max	x/d	Xc max	Yc max	es min	Xs min	Ys min	es max	Xs max	Ys max
1	0.00350	0.189	0.0	0.0	0.00166	9.0	9.0	-0.01507	91.0	91.0
2	0.00350	0.171	0.0	0.0	0.00147	9.0	9.0	-0.01702	91.0	91.0

POSIZIONE ASSE NEUTRO PER OGNI COMB. DI RESISTENZA



a, b, c Coeff. a, b, c nell'eq. dell'asse neutro $aX+bY+c=0$ nel rif. X,Y,O gen.
x/d Rapp. di duttilità (travi e solette)[§ 4.1.2.1.2.1 NTC]: deve essere < 0.45
C.Rid. Coeff. di riduz. momenti per sola flessione in travi continue

N°Comb	a	b	c	x/d	C.Rid.
1	0.000000000	-0.000204021	0.003500000	0.189	0.700
2	0.000000000	-0.000225444	0.003500000	0.171	0.700

COMBINAZIONI RARE IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)

Ver S = comb. verificata/ N = comb. non verificata
Sc max Massima tensione (positiva se di compressione) nel calcestruzzo [MPa]
Xc max, Yc max Ascissa, Ordinata [cm] del punto corrisp. a Sc max (sistema rif. X,Y,O)
Ss min Minima tensione (negativa se di trazione) nell'acciaio [MPa]
Xs min, Ys min Ascissa, Ordinata [cm] della barra corrisp. a Ss min (sistema rif. X,Y,O)
Ac eff. Area di calcestruzzo [cm²] in zona tesa considerata aderente alle barre
As eff. Area barre [cm²] in zona tesa considerate efficaci per l'apertura delle fessure

N°Comb	Ver	Sc max	Xc max	Yc max	Ss min	Xs min	Ys min	Ac eff.	As eff.
1	S	5.29	0.0	0.0	-103.8	91.0	91.0	2000	67.9

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COMBINAZIONI RARE IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]

La sezione viene assunta sempre fessurata anche nel caso in cui la trazione minima del calcestruzzo sia inferiore a f_{ctm}

Ver.	Esito della verifica
e1	Massima deformazione unitaria di trazione nel calcestruzzo (trazione -) valutata in sezione fessurata
e2	Minima deformazione unitaria di trazione nel calcestruzzo (trazione -) valutata in sezione fessurata
k1	= 0.8 per barre ad aderenza migliorata [eq.(7.11)EC2]
kt	= 0.4 per comb. quasi permanenti / = 0.6 per comb.frequenti [cfr. eq.(7.9)EC2]
k2	= 0.5 per flessione; $=(e1 + e2)/(2 \cdot e1)$ per trazione eccentrica [eq.(7.13)EC2]
k3	= 3.400 Coeff. in eq.(7.11) come da annessi nazionali
k4	= 0.425 Coeff. in eq.(7.11) come da annessi nazionali
Ø	Diametro [mm] equivalente delle barre tese comprese nell'area efficace $A_{c\ eff}$ [eq.(7.11)EC2]
Cf	Copriferro [mm] netto calcolato con riferimento alla barra più tesa
e sm - e cm	Differenza tra le deformazioni medie di acciaio e calcestruzzo [(7.8)EC2 e (C4.1.7)NTC] Tra parentesi: valore minimo = $0.6 \cdot S_{max} / E_s$ [(7.9)EC2 e (C4.1.8)NTC]
sr max	Massima distanza tra le fessure [mm]
wk	Apertura fessure in mm calcolata = $sr\ max \cdot (e_sm - e_cm)$ [(7.8)EC2 e (C4.1.7)NTC]. Valore limite tra parentesi
Mx fess.	Componente momento di prima fessurazione intorno all'asse X [kNm]
My fess.	Componente momento di prima fessurazione intorno all'asse Y [kNm]

Comb.	Ver	e1	e2	k2	Ø	Cf	e sm - e cm	sr max	wk	Mx fess	My fess
1	S	-0.00061	0.00000	0.500	24.0	78	0.00031 (0.00031)	385	0.120 (990.00)	-768.98	0.00

COMBINAZIONI FREQUENTI IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)

N°Comb	Ver	Sc max	Xc max	Yc max	Ss min	Xs min	Ys min	Ac eff.	As eff.
1	S	4.49	0.0	0.0	-89.7	91.0	91.0	2050	67.9

COMBINAZIONI FREQUENTI IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]



Comb.	Ver	e1	e2	k2	Ø	Cf	e sm - e cm	sr max	wk	Mx fess	My fess
1	S	-0.00053	0.00000	0.500	24.0	78	0.00027 (0.00027)	388	0.105 (0.20)	-763.87	0.00

COMBINAZIONI QUASI PERMANENTI IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)



N°Comb	Ver	Sc max	Xc max	Yc max	Ss min	Xs min	Ys min	Ac eff.	As eff.
1	S	2.32	0.0	0.0	-39.5	91.0	91.0	1900	67.9

COMBINAZIONI QUASI PERMANENTI IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]

Comb.	Ver	e1	e2	k2	Ø	Cf	e sm - e cm	sr max	wk	Mx fess	My fess
1	S	-0.00023	0.00000	0.500	24.0	78	0.00012 (0.00012)	379	0.045 (0.20)	-812.66	0.00

GENERAL CONTRACTOR 		ALTA SORVEGLIANZA  GRUPPO FERROVIE DELLO STATO ITALIANE			
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SEZIONE					
b_w	=	100	cm		
h	=	100	cm		
c	=	5	cm		
d	=	$h-c$	=	95	cm
MATERIALI					
f_{ywd}	=	391.30	MPa		
R_{ck}	=	40	MPa		
γ_c	=	1.5			
f_{ck}	=	$0.83 \times R_{ck}$	=	33.2	MPa
f_{cd}	=	$0.85 \times f_{ck} / \gamma_c$	=	18.81	MPa
ARMATURE A TAGLIO					
\varnothing_{st}	=	12			
braccia	=	3			
\varnothing_{st2}	=	0			
braccia	=	0			
passo	=	33	cm		
(A_{sw} / s)	=	10.282	cm^2 / m		
α	=	90	°	(90° staffe verticali)	
TAGLIO AGENTE		$V_{Ed} =$	485	(KN)	
SFORZO NORMALE		$N_{Ed} =$	0	(KN)	
		$\alpha_c =$	1.0000		
ELEMENTI CON ARMATURA A TAGLIO					
Calcolo di $\cot \theta$					
$\cot(\theta) =$		4.73			
$\theta =$		11.94 °			
$\cot \vartheta > 2,5$ Si assume $\vartheta = 21,8^\circ$					
Armatura trasversale					
$V_{Rsd} =$		859.96 (KN)			
$V_{Rcd} =$		2773.34 (KN)			
$V_{Rd} =$		860 (KN)	$\min(V_{Rsd}, V_{Rcd})$		

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A

13.6 PIEDRITTI – SEZIONE DI INCASTRO SUPERIORE

CARATTERISTICHE DI RESISTENZA DEI MATERIALI IMPIEGATI

CALCESTRUZZO -	Classe:	C32/40	
	Resis. compr. di progetto fcd:	18.8	MPa
	Def.unit. max resistenza ec2:	0.0020	
	Def.unit. ultima ecu:	0.0035	
	Diagramma tensione-deformaz.:	Parabola-Rettangolo	
	Modulo Elastico Normale Ec:	33642.8	MPa
	Resis. media a trazione fctm:	3.10	MPa
	Coeff. Omogen. S.L.E.:	15.00	
	Sc limite S.L.E. comb. Rare:	19.9	MPa
	Sc limite S.L.E. comb. Frequenti:	19.9	MPa
	Ap.Fessure limite S.L.E. comb. Frequenti:	0.200	mm
	Sc limite S.L.E. comb. Q.Permanenti:	14.9	MPa
	Ap.Fess.limite S.L.E. comb. Q.Perm.:	0.200	mm
ACCIAIO -	Tipo:	B450C	
	Resist. caratt. snervam. fyk:	450.0	MPa
	Resist. caratt. rottura ftk:	450.0	MPa
	Resist. snerv. di progetto fyd:	391.3	MPa
	Resist. ultima di progetto ftd:	391.3	MPa
	Deform. ultima di progetto Epu:	0.068	
	Modulo Elastico Ef	2000000	daN/cm ²
	Diagramma tensione-deformaz.:	Bilineare finito	
	Coeff. Aderenza istantaneo $\beta_1 \cdot \beta_2$:	1.00	
	Coeff. Aderenza differito $\beta_1 \cdot \beta_2$:	0.50	
Sf limite S.L.E. Comb. Rare:	360.00	MPa	

CARATTERISTICHE DOMINIO CALCESTRUZZO

Forma del Dominio:	Poligonale
Classe Calcestruzzo:	C32/40

N°vertice:	X [cm]	Y [cm]
1	100.0	100.0
2	100.0	0.0
3	0.0	0.0
4	0.0	100.0



DATI BARRE ISOLATE

N°Barra	X [cm]	Y [cm]	DiamØ[mm]
1	91.0	91.0	24
2	91.0	9.0	24
3	9.0	9.0	24
4	9.0	91.0	24
5	9.0	86.0	24
6	91.0	86.0	24

DATI GENERAZIONI LINEARI DI BARRE

N°Gen.	Numero assegnato alla singola generazione lineare di barre			
N°Barra Ini.	Numero della barra iniziale cui si riferisce la generazione			
N°Barra Fin.	Numero della barra finale cui si riferisce la generazione			
N°Barre	Numero di barre generate equidistanti cui si riferisce la generazione			
Ø	Diametro in mm delle barre della generazione			

N°Gen. N°Barra Ini. N°Barra Fin. N°Barre Ø

GENERAL CONTRACTOR 		ALTA SORVEGLIANZA 			
		Progetto	Lotto	Codifica	
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1	2	3	3	24
2	1	4	8	24
3	5	6	3	24

CALCOLO DI RESISTENZA - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N	Sforzo normale [kN] applicato nel Baric. (+ se di compressione)				
Mx	Momento flettente [kNm] intorno all'asse x princ. d'inerzia con verso positivo se tale da comprimere il lembo sup. della sez.				
My	Momento flettente [kNm] intorno all'asse y princ. d'inerzia con verso positivo se tale da comprimere il lembo destro della sez.				
Vy	Componente del Taglio [kN] parallela all'asse princ.d'inerzia y				
Vx	Componente del Taglio [kN] parallela all'asse princ.d'inerzia x				
N°Comb.	N	Mx	My	Vy	Vx
1	485.00	-530.00	0.00	0.00	0.00
2	205.00	-265.00	0.00	0.00	0.00

COMB. RARE (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N	Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)		
Mx	Momento flettente [kNm] intorno all'asse x princ. d'inerzia (tra parentesi Mom.Fessurazione) con verso positivo se tale da comprimere il lembo superiore della sezione		
My	Momento flettente [kNm] intorno all'asse y princ. d'inerzia (tra parentesi Mom.Fessurazione) con verso positivo se tale da comprimere il lembo destro della sezione		
N°Comb.	N	Mx	My
1	300.00	-295.00	0.00

COMB. FREQUENTI (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA



N	Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)		
Mx	Momento flettente [kNm] intorno all'asse x princ. d'inerzia (tra parentesi Mom.Fessurazione) con verso positivo se tale da comprimere il lembo superiore della sezione		
My	Momento flettente [kNm] intorno all'asse y princ. d'inerzia (tra parentesi Mom.Fessurazione) con verso positivo se tale da comprimere il lembo destro della sezione		
N°Comb.	N	Mx	My
1	235.00	-230.00 (-819.01)	0.00 (0.00)

COMB. QUASI PERMANENTI (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N	Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)		
Mx	Momento flettente [kNm] intorno all'asse x princ. d'inerzia (tra parentesi Mom.Fessurazione) con verso positivo se tale da comprimere il lembo superiore della sezione		
My	Momento flettente [kNm] intorno all'asse y princ. d'inerzia (tra parentesi Mom.Fessurazione) con verso positivo se tale da comprimere il lembo destro della sezione		
N°Comb.	N	Mx	My
1	125.00	-55.00 (-1101.27)	0.00 (0.00)

RISULTATI DEL CALCOLO

Sezione verificata per tutte le combinazioni assegnate

GENERAL CONTRACTOR 		ALTA SORVEGLIANZA 			
		Progetto	Lotto	Codifica	
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Copriferro netto minimo barre longitudinali: 7.8 cm

VERIFICHE DI RESISTENZA IN PRESSO-TENSO FLESSIONE ALLO STATO LIMITE ULTIMO

Ver	S = combinazione verificata / N = combin. non verificata
N	Sforzo normale assegnato [kN] nel baricentro B sezione cls.(positivo se di compressione)
Mx	Componente del momento assegnato [kNm] riferito all'asse x princ. d'inerzia
My	Componente del momento assegnato [kNm] riferito all'asse y princ. d'inerzia
N Res	Sforzo normale resistente [kN] nel baricentro B sezione cls.(positivo se di compress.)
Mx Res	Momento flettente resistente [kNm] riferito all'asse x princ. d'inerzia
My Res	Momento flettente resistente [kNm] riferito all'asse y princ. d'inerzia
Mis.Sic.	Misura sicurezza = rapporto vettoriale tra (N r,Mx Res,My Res) e (N,Mx,My) Verifica positiva se tale rapporto risulta >=1.000
As Tesa	Area armature trave [cm ²] in zona tesa. [Tra parentesi l'area minima ex (4.1.15)NTC]

N°Comb	Ver	N	Mx	My	N Res	Mx Res	My Res	Mis.Sic.	As Tesa
1	N	485.00	-530.00	0.00	484.81	-2388.62	0.00	4.41	
67.9(17.9)									
2	N	205.00	-265.00	0.00	205.26	-2281.67	0.00	8.43	
67.9(17.9)									

METODO AGLI STATI LIMITE ULTIMI - DEFORMAZIONI UNITARIE ALLO STATO ULTIMO

ec max	Deform. unit. massima del calcestruzzo a compressione
x/d	Rapporto di duttilità [§ 4.1.2.1.2.1 NTC] deve essere < 0.45
Xc max	Ascissa in cm della fibra corrisp. a ec max (sistema rif. X,Y,O sez.)
Yc max	Ordinata in cm della fibra corrisp. a ec max (sistema rif. X,Y,O sez.)
es min	Deform. unit. minima nell'acciaio (negativa se di trazione)
Xs min	Ascissa in cm della barra corrisp. a es min (sistema rif. X,Y,O sez.)
Ys min	Ordinata in cm della barra corrisp. a es min (sistema rif. X,Y,O sez.)
es max	Deform. unit. massima nell'acciaio (positiva se di compress.)
Xs max	Ascissa in cm della barra corrisp. a es max (sistema rif. X,Y,O sez.)
Ys max	Ordinata in cm della barra corrisp. a es max (sistema rif. X,Y,O sez.)

N°Comb	ec max	x/d	Xc max	Yc max	es min	Xs min	Ys min	es max	Xs max	Ys max
1	0.00350	0.176	0.0	0.0	0.00154	9.0	9.0	-0.01634	91.0	91.0
2	0.00350	0.162	0.0	0.0	0.00136	9.0	9.0	-0.01811	91.0	91.0

POSIZIONE ASSE NEUTRO PER OGNI COMB. DI RESISTENZA



a, b, c	Coeff. a, b, c nell'eq. dell'asse neutro aX+bY+c=0 nel rif. X,Y,O gen.
x/d	Rapp. di duttilità (travi e solette)[§ 4.1.2.1.2.1 NTC]: deve essere < 0.45
C.Rid.	Coeff. di riduz. momenti per sola flessione in travi continue

N°Comb	a	b	c	x/d	C.Rid.
1	0.000000000	-0.000218076	0.003500000	0.176	0.700
2	0.000000000	-0.000237452	0.003500000	0.162	0.700

COMBINAZIONI RARE IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)

Ver	S = comb. verificata/ N = comb. non verificata
Sc max	Massima tensione (positiva se di compressione) nel calcestruzzo [MPa]
Xc max, Yc max	Ascissa, Ordinata [cm] del punto corrisp. a Sc max (sistema rif. X,Y,O)
Ss min	Minima tensione (negativa se di trazione) nell'acciaio [MPa]
Xs min, Ys min	Ascissa, Ordinata [cm] della barra corrisp. a Ss min (sistema rif. X,Y,O)
Ac eff.	Area di calcestruzzo [cm ²] in zona tesa considerata aderente alle barre
As eff.	Area barre [cm ²] in zona tesa considerate efficaci per l'apertura delle fessure

N°Comb	Ver	Sc max	Xc max	Yc max	Ss min	Xs min	Ys min	Ac eff.	As eff.
1	S	2.25	100.0	0.0	-37.6	18.1	91.0	1900	67.9

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COMBINAZIONI RARE IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]

La sezione viene assunta sempre fessurata anche nel caso in cui la trazione minima del calcestruzzo sia inferiore a f_{ctm}

Ver.	Esito della verifica
e1	Massima deformazione unitaria di trazione nel calcestruzzo (trazione -) valutata in sezione fessurata
e2	Minima deformazione unitaria di trazione nel calcestruzzo (trazione -) valutata in sezione fessurata
k1	= 0.8 per barre ad aderenza migliorata [eq.(7.11)EC2]
kt	= 0.4 per comb. quasi permanenti / = 0.6 per comb.frequenti [cfr. eq.(7.9)EC2]
k2	= 0.5 per flessione; $= (e1 + e2)/(2 \cdot e1)$ per trazione eccentrica [eq.(7.13)EC2]
k3	= 3.400 Coeff. in eq.(7.11) come da annessi nazionali
k4	= 0.425 Coeff. in eq.(7.11) come da annessi nazionali
Ø	Diametro [mm] equivalente delle barre tese comprese nell'area efficace $A_{c\ eff}$ [eq.(7.11)EC2]
Cf	Copriferro [mm] netto calcolato con riferimento alla barra più tesa
e sm - e cm	Differenza tra le deformazioni medie di acciaio e calcestruzzo [(7.8)EC2 e (C4.1.7)NTC] Tra parentesi: valore minimo = $0.6 S_{max} / E_s$ [(7.9)EC2 e (C4.1.8)NTC]
sr max	Massima distanza tra le fessure [mm]
wk	Apertura fessure in mm calcolata = $sr\ max \cdot (e_sm - e_cm)$ [(7.8)EC2 e (C4.1.7)NTC]. Valore limite tra parentesi
Mx fess.	Componente momento di prima fessurazione intorno all'asse X [kNm]
My fess.	Componente momento di prima fessurazione intorno all'asse Y [kNm]

Comb.	Ver	e1	e2	k2	Ø	Cf	e sm - e cm	sr max	wk	Mx fess	My fess
1	S	-0.00022	0.00000	0.500	24.0	78	0.00011 (0.00011)	379	0.043 (990.00)	-818.20	0.00

COMBINAZIONI FREQUENTI IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)

N°Comb	Ver	Sc max	Xc max	Yc max	Ss min	Xs min	Ys min	Ac eff.	As eff.
1	S	1.76	100.0	0.0	-29.2	18.1	91.0	1900	67.9

COMBINAZIONI FREQUENTI IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]



Comb.	Ver	e1	e2	k2	Ø	Cf	e sm - e cm	sr max	wk	Mx fess	My fess
1	S	-0.00017	0.00000	0.500	24.0	78	0.00009 (0.00009)	379	0.033 (0.20)	-819.01	0.00

COMBINAZIONI QUASI PERMANENTI IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)



N°Comb	Ver	Sc max	Xc max	Yc max	Ss min	Xs min	Ys min	Ac eff.	As eff.
1	S	0.45	100.0	0.0	-3.6	9.0	91.0	1350	45.2

COMBINAZIONI QUASI PERMANENTI IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]

Comb.	Ver	e1	e2	k2	Ø	Cf	e sm - e cm	sr max	wk	Mx fess	My fess
1	S	-0.00002	0.00000	0.500	24.0	78	0.00001 (0.00001)	387	0.004 (0.20)	-1101.27	0.00

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SEZIONE					
b_w	=	100	cm		
h	=	100	cm		
c	=	5	cm		
d	=	$h-c$	=	95	cm
MATERIALI					
f_{ywd}	=	391.30	MPa		
R_{ck}	=	40	MPa		
γ_c	=	1.5			
f_{ck}	=	$0.83 \times R_{ck}$	=	33.2	MPa
f_{cd}	=	$0.85 \times f_{ck} / \gamma_c$	=	18.81	MPa
ARMATURE A TAGLIO					
\varnothing_{st}	=	12			
braccia	=	3			
\varnothing_{st2}	=	0			
braccia	=	0			
passo	=	33	cm		
(A_{sw} / s)	=	10.282	cm^2 / m		
α	=	90	$^\circ$	(90° staffe verticali)	
ARMATURE LONGITUDINALI					
\varnothing_l	=	20			
Numero	=	10			
A_{sl}	=	31.416	cm^2		
TAGLIO AGENTE		$V_{Ed} =$	185	(KN)	
SFORZO NORMALE		$N_{Ed} =$	0	(KN)	
		$\alpha_c =$	1.0000		
ELEMENTI CON ARMATURA A TAGLIO					
Calcolo di $\cot \theta$					
$\cot(\theta) =$		4.73			
$\theta =$		11.94 $^\circ$			
$\cot \vartheta > 2,5$ Si assume $\vartheta = 21,8^\circ$					
Armatura trasversale					
$V_{Rsd} =$		859.96 (KN)			
$V_{Rcd} =$		2773.34 (KN)			
$V_{Rd} =$		860 (KN)		$\min(V_{Rsd}, V_{Rcd})$	

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13.7 PIEDRITTI – SEZIONE DI MEZZERIA

CARATTERISTICHE DI RESISTENZA DEI MATERIALI IMPIEGATI

CALCESTRUZZO -	Classe:	C32/40	
	Resis. compr. di progetto fcd:	18.8	MPa
	Def.unit. max resistenza ec2:	0.0020	
	Def.unit. ultima ecu:	0.0035	
	Diagramma tensione-deformaz.:	Parabola-Rettangolo	
	Modulo Elastico Normale Ec:	33642.8	MPa
	Resis. media a trazione fctm:	3.10	MPa
	Coeff. Omogen. S.L.E.:	15.00	
	Sc limite S.L.E. comb. Rare:	19.9	MPa
	Sc limite S.L.E. comb. Frequenti:	19.9	MPa
	Ap.Fessure limite S.L.E. comb. Frequenti:	0.200	mm
	Sc limite S.L.E. comb. Q.Permanenti:	14.9	MPa
	Ap.Fess.limite S.L.E. comb. Q.Perm.:	0.200	mm
ACCIAIO -	Tipo:	B450C	
	Resist. caratt. snervam. fyk:	450.0	MPa
	Resist. caratt. rottura ftk:	450.0	MPa
	Resist. snerv. di progetto fyd:	391.3	MPa
	Resist. ultima di progetto ftd:	391.3	MPa
	Deform. ultima di progetto Epu:	0.068	
	Modulo Elastico Ef	2000000	daN/cm ²
	Diagramma tensione-deformaz.:	Bilineare finito	
	Coeff. Aderenza istantaneo $\beta_1 \cdot \beta_2$:	1.00	
	Coeff. Aderenza differito $\beta_1 \cdot \beta_2$:	0.50	
Sf limite S.L.E. Comb. Rare:	360.00	MPa	

CARATTERISTICHE DOMINIO CALCESTRUZZO

Forma del Dominio:	Poligonale
Classe Calcestruzzo:	C32/40

N°vertice:	X [cm]	Y [cm]
1	100.0	100.0
2	100.0	0.0
3	0.0	0.0
4	0.0	100.0



DATI BARRE ISOLATE

N°Barra	X [cm]	Y [cm]	DiamØ[mm]
1	91.0	91.0	24
2	91.0	9.0	24
3	9.0	9.0	24
4	9.0	91.0	24

DATI GENERAZIONI LINEARI DI BARRE

N°Gen.	Numero assegnato alla singola generazione lineare di barre			
N°Barra Ini.	Numero della barra iniziale cui si riferisce la generazione			
N°Barra Fin.	Numero della barra finale cui si riferisce la generazione			
N°Barre	Numero di barre generate equidistanti cui si riferisce la generazione			
Ø	Diametro in mm delle barre della generazione			

N°Gen.	N°Barra Ini.	N°Barra Fin.	N°Barre	Ø
1	2	3	3	24

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2 1 4 3 24

CALCOLO DI RESISTENZA - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N	Sforzo normale [kN] applicato nel Baric. (+ se di compressione)				
Mx	Momento flettente [kNm] intorno all'asse x princ. d'inerzia con verso positivo se tale da comprimere il lembo sup. della sez.				
My	Momento flettente [kNm] intorno all'asse y princ. d'inerzia con verso positivo se tale da comprimere il lembo destro della sez.				
Vy	Componente del Taglio [kN] parallela all'asse princ.d'inerzia y				
Vx	Componente del Taglio [kN] parallela all'asse princ.d'inerzia x				
N°Comb.	N	Mx	My	Vy	Vx
1	605.00	240.00	0.00	0.00	0.00
2	305.00	160.00	0.00	0.00	0.00

COMB. RARE (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N	Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)		
Mx	Momento flettente [kNm] intorno all'asse x princ. d'inerzia (tra parentesi Mom.Fessurazione) con verso positivo se tale da comprimere il lembo superiore della sezione		
My	Momento flettente [kNm] intorno all'asse y princ. d'inerzia (tra parentesi Mom.Fessurazione) con verso positivo se tale da comprimere il lembo destro della sezione		
N°Comb.	N	Mx	My
1	400.00	-110.00	0.00

COMB. FREQUENTI (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N	Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)		
Mx	Momento flettente [kNm] intorno all'asse x princ. d'inerzia (tra parentesi Mom.Fessurazione) con verso positivo se tale da comprimere il lembo superiore della sezione		
My	Momento flettente [kNm] intorno all'asse y princ. d'inerzia (tra parentesi Mom.Fessurazione) con verso positivo se tale da comprimere il lembo destro della sezione		
N°Comb.	N	Mx	My
1	320.00	-75.00 (-2417.23)	0.00 (0.00)

COMB. QUASI PERMANENTI (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA



N	Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)		
Mx	Momento flettente [kNm] intorno all'asse x princ. d'inerzia (tra parentesi Mom.Fessurazione) con verso positivo se tale da comprimere il lembo superiore della sezione		
My	Momento flettente [kNm] intorno all'asse y princ. d'inerzia (tra parentesi Mom.Fessurazione) con verso positivo se tale da comprimere il lembo destro della sezione		
N°Comb.	N	Mx	My
1	215.00	60.00 (1612.42)	0.00 (0.00)

RISULTATI DEL CALCOLO

Sezione verificata per tutte le combinazioni assegnate

Copriferro netto minimo barre longitudinali: 7.8 cm

VERIFICHE DI RESISTENZA IN PRESSO-TENSO FLESSIONE ALLO STATO LIMITE ULTIMO

GENERAL CONTRACTOR 		ALTA SORVEGLIANZA 			
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Ver S = combinazione verificata / N = combin. non verificata
 N Sforzo normale assegnato [kN] nel baricentro B sezione cls.(positivo se di compressione)
 Mx Componente del momento assegnato [kNm] riferito all'asse x princ. d'inerzia
 My Componente del momento assegnato [kNm] riferito all'asse y princ. d'inerzia
 N Res Sforzo normale resistente [kN] nel baricentro B sezione cls.(positivo se di compress.)
 Mx Res Momento flettente resistente [kNm] riferito all'asse x princ. d'inerzia
 My Res Momento flettente resistente [kNm] riferito all'asse y princ. d'inerzia
 Mis.Sic. Misura sicurezza = rapporto vettoriale tra (N r,Mx Res,My Res) e (N,Mx,My)
 Verifica positiva se tale rapporto risulta >=1.000
 As Tesa Area armature trave [cm²] in zona tesa. [Tra parentesi l'area minima ex (4.1.15)NTC]

N°Comb	Ver	N	Mx	My	N Res	Mx Res	My Res	Mis.Sic.	As Tesa
1	S	605.00	240.00	0.00	604.88	1046.57	0.00	4.36	
22.6(17.9)									
2	N	305.00	160.00	0.00	305.05	921.47	0.00	5.76	
22.6(17.9)									

METODO AGLI STATI LIMITE ULTIMI - DEFORMAZIONI UNITARIE ALLO STATO ULTIMO

ec max Deform. unit. massima del calcestruzzo a compressione
 x/d Rapporto di duttilità [§ 4.1.2.1.2.1 NTC] deve essere < 0.45
 Xc max Ascissa in cm della fibra corrisp. a ec max (sistema rif. X,Y,O sez.)
 Yc max Ordinata in cm della fibra corrisp. a ec max (sistema rif. X,Y,O sez.)
 es min Deform. unit. minima nell'acciaio (negativa se di trazione)
 Xs min Ascissa in cm della barra corrisp. a es min (sistema rif. X,Y,O sez.)
 Ys min Ordinata in cm della barra corrisp. a es min (sistema rif. X,Y,O sez.)
 es max Deform. unit. massima nell'acciaio (positiva se di compress.)
 Xs max Ascissa in cm della barra corrisp. a es max (sistema rif. X,Y,O sez.)
 Ys max Ordinata in cm della barra corrisp. a es max (sistema rif. X,Y,O sez.)

N°Comb	ec max	x/d	Xc max	Yc max	es min	Xs min	Ys min	es max	Xs max	Ys max
1	0.00350	0.103	100.0	100.0	0.00014	91.0	91.0	-0.03049	9.0	9.0
2	0.00350	0.093	100.0	100.0	-0.00022	91.0	91.0	-0.03412	9.0	9.0

POSIZIONE ASSE NEUTRO PER OGNI COMB. DI RESISTENZA

a, b, c Coeff. a, b, c nell'eq. dell'asse neutro $aX+bY+c=0$ nel rif. X,Y,O gen.
 x/d Rapp. di duttilità (travi e solette)[§ 4.1.2.1.2.1 NTC]: deve essere < 0.45
 C.Rid. Coeff. di riduz. momenti per sola flessione in travi continue



N°Comb	a	b	c	x/d	C.Rid.
1	0.000000000	0.000373496	-0.033849644	0.103	0.700
2	0.000000000	0.000413432	-0.037843192	0.093	0.700

COMBINAZIONI RARE IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)

Ver S = comb. verificata/ N = comb. non verificata
 Sc max Massima tensione (positiva se di compressione) nel calcestruzzo [MPa]
 Xc max, Yc max Ascissa, Ordinata [cm] del punto corrisp. a Sc max (sistema rif. X,Y,O)
 Ss min Minima tensione (negativa se di trazione) nell'acciaio [MPa]
 Xs min, Ys min Ascissa, Ordinata [cm] della barra corrisp. a Ss min (sistema rif. X,Y,O)
 Ac eff. Area di calcestruzzo [cm²] in zona tesa considerata aderente alle barre
 As eff. Area barre [cm²] in zona tesa considerate efficaci per l'apertura delle fessure

N°Comb	Ver	Sc max	Xc max	Yc max	Ss min	Xs min	Ys min	Ac eff.	As eff.
1	S	1.01	0.0	0.0	-3.3	91.0	91.0	900	22.6

COMBINAZIONI RARE IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]

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La sezione viene assunta sempre fessurata anche nel caso in cui la trazione minima del calcestruzzo sia inferiore a f_{ctm}

Ver. Esito della verifica

e1 Massima deformazione unitaria di trazione nel calcestruzzo (trazione -) valutata in sezione fessurata

e2 Minima deformazione unitaria di trazione nel calcestruzzo (trazione -) valutata in sezione fessurata

k1 = 0.8 per barre ad aderenza migliorata [eq.(7.11)EC2]

kt = 0.4 per comb. quasi permanenti / = 0.6 per comb.frequenti [cfr. eq.(7.9)EC2]

k2 = 0.5 per flessione; $= (e1 + e2)/(2 \cdot e1)$ per trazione eccentrica [eq.(7.13)EC2]

k3 = 3.400 Coeff. in eq.(7.11) come da annessi nazionali

k4 = 0.425 Coeff. in eq.(7.11) come da annessi nazionali

Ø Diametro [mm] equivalente delle barre tese comprese nell'area efficace $A_{c\ eff}$ [eq.(7.11)EC2]

Cf Copriferro [mm] netto calcolato con riferimento alla barra più tesa

e sm - e cm Differenza tra le deformazioni medie di acciaio e calcestruzzo [(7.8)EC2 e (C4.1.7)NTC]

sr max Tra parentesi: valore minimo = 0.6 S_{max} / E_s [(7.9)EC2 e (C4.1.8)NTC]

Massima distanza tra le fessure [mm]

wk Apertura fessure in mm calcolata = $sr\ max \cdot (e_{sm} - e_{cm})$ [(7.8)EC2 e (C4.1.7)NTC]. Valore limite tra parentesi

Mx fess. Componente momento di prima fessurazione intorno all'asse X [kNm]

My fess. Componente momento di prima fessurazione intorno all'asse Y [kNm]

Comb.	Ver	e1	e2	k2	Ø	Cf	e sm - e cm	sr max	wk	Mx fess	My fess
1	S	-0.00003	0.00000	0.500	24.0	78	0.00001 (0.00001)	428	0.004 (990.00)	-1655.19	0.00

COMBINAZIONI FREQUENTI IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)

N°Comb	Ver	Sc max	Xc max	Yc max	Ss min	Xs min	Ys min	Ac eff.	As eff.
1	S	0.71	100.0	0.0	-0.8	9.0	91.0	950	22.6

COMBINAZIONI FREQUENTI IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]



Comb.	Ver	e1	e2	k2	Ø	Cf	e sm - e cm	sr max	wk	Mx fess	My fess
1	S	-0.00001	0.00000	0.500	24.0	78	0.00000 (0.00000)	437	0.001 (0.20)	-2417.23	0.00

COMBINAZIONI QUASI PERMANENTI IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)



N°Comb	Ver	Sc max	Xc max	Yc max	Ss min	Xs min	Ys min	Ac eff.	As eff.
1	S	0.55	100.0	100.0	-1.9	9.0	9.0	950	22.6

COMBINAZIONI QUASI PERMANENTI IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]

Comb.	Ver	e1	e2	k2	Ø	Cf	e sm - e cm	sr max	wk	Mx fess	My fess
1	S	-0.00001	0.00000	0.500	24.0	78	0.00001 (0.00001)	437	0.003 (0.20)	1612.42	0.00

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SEZIONE					
b_w	=	100	cm		
h	=	100	cm		
c	=	5	cm		
d	=	$h-c$	=	95	cm
MATERIALI					
f_{ywd}	=	391.30	MPa		
R_{ck}	=	40	MPa		
γ_c	=	1.5			
f_{ck}	=	$0.83 \times R_{ck}$	=	33.2	MPa
f_{cd}	=	$0.85 \times f_{ck} / \gamma_c$	=	18.81	MPa
ARMATURE A TAGLIO					
\varnothing_{st}	=	12			
braccia	=	3			
\varnothing_{st2}	=	0			
braccia	=	0			
passo	=	33	cm		
(A_{sw} / s)	=	10.282	cm^2 / m		
α	=	90	$^\circ$	(90° staffe verticali)	
TAGLIO AGENTE		$V_{Ed} =$	125	(KN)	
SFORZO NORMALE		$N_{Ed} =$	0	(KN)	
		$\alpha_c =$	1.0000		
ELEMENTI CON ARMATURA A TAGLIO					
Calcolo di $\cot \theta$					
$\cot(\theta) =$	4.73				
$\theta =$	11.94 $^\circ$				
$\cot \vartheta > 2,5$ Si assume $\vartheta = 21,8^\circ$					
Armatura trasversale					
$V_{Rsd} =$	859.96 (KN)				
$V_{Rcd} =$	2773.34 (KN)				
$V_{Rd} =$	860 (KN)	$\min(V_{Rsd}, V_{Rcd})$			

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13.8 SETTO CENTRALE – SEZIONE PIÙ SOLLECITATA CARATTERISTICHE DI RESISTENZA DEI MATERIALI IMPIEGATI

CALCESTRUZZO -	Classe:	C32/40	
	Resis. compr. di progetto fcd:	18.8	MPa
	Def.unit. max resistenza ec2:	0.0020	
	Def.unit. ultima ecu:	0.0035	
	Diagramma tensione-deformaz.:	Parabola-Rettangolo	
	Modulo Elastico Normale Ec:	33642.8	MPa
	Resis. media a trazione fctm:	3.10	MPa
	Coeff. Omogen. S.L.E.:	15.00	
	Sc limite S.L.E. comb. Rare:	19.9	MPa
	Sc limite S.L.E. comb. Frequenti:	19.9	MPa
	Ap.Fessure limite S.L.E. comb. Frequenti:	0.200	mm
	Sc limite S.L.E. comb. Q.Permanenti:	14.9	MPa
	Ap.Fess.limite S.L.E. comb. Q.Perm.:	0.200	mm
ACCIAIO -	Tipo:	B450C	
	Resist. caratt. snervam. fyk:	450.0	MPa
	Resist. caratt. rottura ftk:	450.0	MPa
	Resist. snerv. di progetto fyd:	391.3	MPa
	Resist. ultima di progetto ftd:	391.3	MPa
	Deform. ultima di progetto Epu:	0.068	
	Modulo Elastico Ef	2000000	daN/cm ²
	Diagramma tensione-deformaz.:	Bilineare finito	
	Coeff. Aderenza istantaneo $\beta_1 \cdot \beta_2$:	1.00	
	Coeff. Aderenza differito $\beta_1 \cdot \beta_2$:	0.50	
	Sf limite S.L.E. Comb. Rare:	360.00	MPa

CARATTERISTICHE DOMINIO CALCESTRUZZO



Forma del Dominio:	Poligonale	
Classe Calcestruzzo:	C32/40	
N°vertice:	X [cm]	Y [cm]
1	100.0	80.0
2	100.0	0.0
3	0.0	0.0
4	0.0	80.0

DATI BARRE ISOLATE

N°Barra	X [cm]	Y [cm]	DiamØ[mm]
1	91.0	71.0	24
2	91.0	9.0	24
3	9.0	9.0	24
4	9.0	71.0	24

DATI GENERAZIONI LINEARI DI BARRE

N°Gen.	Numero assegnato alla singola generazione lineare di barre			
N°Barra Ini.	Numero della barra iniziale cui si riferisce la generazione			
N°Barra Fin.	Numero della barra finale cui si riferisce la generazione			
N°Barre	Numero di barre generate equidistanti cui si riferisce la generazione			
Ø	Diametro in mm delle barre della generazione			
N°Gen.	N°Barra Ini.	N°Barra Fin.	N°Barre	Ø
1	2	3	3	24

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2 1 4 3 24

CALCOLO DI RESISTENZA - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N	Sforzo normale [kN] applicato nel Baric. (+ se di compressione)				
Mx	Momento flettente [kNm] intorno all'asse x princ. d'inerzia con verso positivo se tale da comprimere il lembo sup. della sez.				
My	Momento flettente [kNm] intorno all'asse y princ. d'inerzia con verso positivo se tale da comprimere il lembo destro della sez.				
Vy	Componente del Taglio [kN] parallela all'asse princ.d'inerzia y				
Vx	Componente del Taglio [kN] parallela all'asse princ.d'inerzia x				
N°Comb.	N	Mx	My	Vy	Vx
1	440.00	-730.00	0.00	0.00	0.00
2	560.00	-220.00	0.00	0.00	0.00

COMB. RARE (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N	Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)		
Mx	Momento flettente [kNm] intorno all'asse x princ. d'inerzia (tra parentesi Mom.Fessurazione) con verso positivo se tale da comprimere il lembo superiore della sezione		
My	Momento flettente [kNm] intorno all'asse y princ. d'inerzia (tra parentesi Mom.Fessurazione) con verso positivo se tale da comprimere il lembo destro della sezione		
N°Comb.	N	Mx	My
1	910.00	-405.00	0.00

COMB. FREQUENTI (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N	Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)		
Mx	Momento flettente [kNm] intorno all'asse x princ. d'inerzia (tra parentesi Mom.Fessurazione) con verso positivo se tale da comprimere il lembo superiore della sezione		
My	Momento flettente [kNm] intorno all'asse y princ. d'inerzia (tra parentesi Mom.Fessurazione) con verso positivo se tale da comprimere il lembo destro della sezione		
N°Comb.	N	Mx	My
1	820.00	-290.00 (-635.83)	0.00 (0.00)

COMB. QUASI PERMANENTI (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA



N	Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)		
Mx	Momento flettente [kNm] intorno all'asse x princ. d'inerzia (tra parentesi Mom.Fessurazione) con verso positivo se tale da comprimere il lembo superiore della sezione		
My	Momento flettente [kNm] intorno all'asse y princ. d'inerzia (tra parentesi Mom.Fessurazione) con verso positivo se tale da comprimere il lembo destro della sezione		
N°Comb.	N	Mx	My
1	340.00	-5.00 (0.00)	0.00 (0.00)

RISULTATI DEL CALCOLO

Sezione verificata per tutte le combinazioni assegnate

Copriferro netto minimo barre longitudinali: 7.8 cm

VERIFICHE DI RESISTENZA IN PRESSO-TENSO FLESSIONE ALLO STATO LIMITE ULTIMO

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Ver S = combinazione verificata / N = combin. non verificata
N Sforzo normale assegnato [kN] nel baricentro B sezione cls.(positivo se di compressione)
Mx Componente del momento assegnato [kNm] riferito all'asse x princ. d'inerzia
My Componente del momento assegnato [kNm] riferito all'asse y princ. d'inerzia
N Res Sforzo normale resistente [kN] nel baricentro B sezione cls.(positivo se di compress.)
Mx Res Momento flettente resistente [kNm] riferito all'asse x princ. d'inerzia
My Res Momento flettente resistente [kNm] riferito all'asse y princ. d'inerzia
Mis.Sic. Misura sicurezza = rapporto vettoriale tra (N r,Mx Res,My Res) e (N,Mx,My)
Verifica positiva se tale rapporto risulta >=1.000
As Tesa Area armature trave [cm²] in zona tesa. [Tra parentesi l'area minima ex (4.1.15)NTC]

N°Comb	Ver	N	Mx	My	N Res	Mx Res	My Res	Mis.Sic.	As Tesa
1	N	440.00	-730.00	0.00	440.06	-756.88	0.00	1.04	
22.6(14.3)									
2	N	560.00	-220.00	0.00	559.94	-794.88	0.00	3.61	
22.6(14.3)									

METODO AGLI STATI LIMITE ULTIMI - DEFORMAZIONI UNITARIE ALLO STATO ULTIMO

ec max Deform. unit. massima del calcestruzzo a compressione
x/d Rapporto di duttilità [§ 4.1.2.1.2.1 NTC] deve essere < 0.45
Xc max Ascissa in cm della fibra corrisp. a ec max (sistema rif. X,Y,O sez.)
Yc max Ordinata in cm della fibra corrisp. a ec max (sistema rif. X,Y,O sez.)
es min Deform. unit. minima nell'acciaio (negativa se di trazione)
Xs min Ascissa in cm della barra corrisp. a es min (sistema rif. X,Y,O sez.)
Ys min Ordinata in cm della barra corrisp. a es min (sistema rif. X,Y,O sez.)
es max Deform. unit. massima nell'acciaio (positiva se di compress.)
Xs max Ascissa in cm della barra corrisp. a es max (sistema rif. X,Y,O sez.)
Ys max Ordinata in cm della barra corrisp. a es max (sistema rif. X,Y,O sez.)

N°Comb	ec max	x/d	Xc max	Yc max	es min	Xs min	Ys min	es max	Xs max	Ys max
1	0.00350	0.125	0.0	0.0	-0.00005	9.0	9.0	-0.02454	91.0	71.0
2	0.00350	0.130	0.0	0.0	0.00009	9.0	9.0	-0.02341	91.0	71.0

POSIZIONE ASSE NEUTRO PER OGNI COMB. DI RESISTENZA

a, b, c Coeff. a, b, c nell'eq. dell'asse neutro $aX+bY+c=0$ nel rif. X,Y,O gen.
x/d Rapp. di duttilità (travi e solette)[§ 4.1.2.1.2.1 NTC]: deve essere < 0.45
C.Rid. Coeff. di riduz. momenti per sola flessione in travi continue



N°Comb	a	b	c	x/d	C.Rid.
1	0.000000000	-0.000394931	0.003500000	0.125	0.700
2	0.000000000	-0.000379056	0.003500000	0.130	0.700

COMBINAZIONI RARE IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)

Ver S = comb. verificata/ N = comb. non verificata
Sc max Massima tensione (positiva se di compressione) nel calcestruzzo [MPa]
Xc max, Yc max Ascissa, Ordinata [cm] del punto corrisp. a Sc max (sistema rif. X,Y,O)
Ss min Minima tensione (negativa se di trazione) nell'acciaio [MPa]
Xs min, Ys min Ascissa, Ordinata [cm] della barra corrisp. a Ss min (sistema rif. X,Y,O)
Ac eff. Area di calcestruzzo [cm²] in zona tesa considerata aderente alle barre
As eff. Area barre [cm²] in zona tesa considerate efficaci per l'apertura delle fessure

N°Comb	Ver	Sc max	Xc max	Yc max	Ss min	Xs min	Ys min	Ac eff.	As eff.
1	S	5.98	100.0	0.0	-102.3	29.5	71.0	1550	22.6

COMBINAZIONI RARE IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]

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Ver.	La sezione viene assunta sempre fessurata anche nel caso in cui la trazione minima del calcestruzzo sia inferiore a f_{ctm}
e1	Esito della verifica
e2	Massima deformazione unitaria di trazione nel calcestruzzo (trazione -) valutata in sezione fessurata
k1	Minima deformazione unitaria di trazione nel calcestruzzo (trazione -) valutata in sezione fessurata = 0.8 per barre ad aderenza migliorata [eq.(7.11)EC2]
kt	= 0.4 per comb. quasi permanenti / = 0.6 per comb.frequenti [cfr. eq.(7.9)EC2]
k2	= 0.5 per flessione; $= (e1 + e2)/(2 \cdot e1)$ per trazione eccentrica [eq.(7.13)EC2]
k3	= 3.400 Coeff. in eq.(7.11) come da annessi nazionali
k4	= 0.425 Coeff. in eq.(7.11) come da annessi nazionali
Ø	Diametro [mm] equivalente delle barre tese comprese nell'area efficace $A_{c\ eff}$ [eq.(7.11)EC2]
Cf	Copriferro [mm] netto calcolato con riferimento alla barra più tesa
e sm - e cm	Differenza tra le deformazioni medie di acciaio e calcestruzzo [(7.8)EC2 e (C4.1.7)NTC] Tra parentesi: valore minimo = $0.6 S_{max} / E_s$ [(7.9)EC2 e (C4.1.8)NTC]
sr max	Massima distanza tra le fessure [mm]
wk	Apertura fessure in mm calcolata = $sr\ max \cdot (e_{sm} - e_{cm})$ [(7.8)EC2 e (C4.1.7)NTC]. Valore limite tra parentesi
Mx fess.	Componente momento di prima fessurazione intorno all'asse X [kNm]
My fess.	Componente momento di prima fessurazione intorno all'asse Y [kNm]

Comb.	Ver	e1	e2	k2	Ø	Cf	e sm - e cm	sr max	wk	Mx fess	My fess
1	S	-0.00063	0.00000	0.500	24.0	78	0.00031 (0.00031)	545	0.167 (990.00)	-559.08	0.00

COMBINAZIONI FREQUENTI IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)

N°Comb	Ver	Sc max	Xc max	Yc max	Ss min	Xs min	Ys min	Ac eff.	As eff.
1	S	4.17	100.0	0.0	-50.0	29.5	71.0	1350	22.6

COMBINAZIONI FREQUENTI IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]



Comb.	Ver	e1	e2	k2	Ø	Cf	e sm - e cm	sr max	wk	Mx fess	My fess
1	S	-0.00032	0.00000	0.500	24.0	78	0.00015 (0.00015)	509	0.076 (0.20)	-635.83	0.00

COMBINAZIONI QUASI PERMANENTI IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)



N°Comb	Ver	Sc max	Xc max	Yc max	Ss min	Xs min	Ys min	Ac eff.	As eff.
1	S	0.43	100.0	0.0	5.4	9.0	71.0	----	----

COMBINAZIONI QUASI PERMANENTI IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]

Comb.	Ver	e1	e2	k2	Ø	Cf	e sm - e cm	sr max	wk	Mx fess	My fess
1	S	0.00000	0.00000	----	----	----	----	----	0.000 (0.20)	0.00	0.00

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SEZIONE					
b_w	=	100	cm		
h	=	80	cm		
c	=	5	cm		
d	=	$h-c$	=	75	cm
MATERIALI					
f_{ywd}	=	391.30	MPa		
R_{ck}	=	40	MPa		
γ_c	=	1.5			
f_{ck}	=	$0.83 \times R_{ck}$	=	33.2	MPa
f_{cd}	=	$0.85 \times f_{ck} / \gamma_c$	=	18.81	MPa
ARMATURE A TAGLIO					
\varnothing_{st}	=	12			
braccia	=	3			
\varnothing_{st2}	=	0			
braccia	=	0			
passo	=	33	cm		
(A_{sw} / s)	=	10.282	cm^2 / m		
α	=	90	°	(90° staffe verticali)	
TAGLIO AGENTE		$V_{Ed} =$	185	(KN)	
SFORZO NORMALE		$N_{Ed} =$	0	(KN)	
		$\alpha_c =$	1.0000		
ELEMENTI CON ARMATURA A TAGLIO					
Calcolo di $\cot \theta$					
$\cot(\theta) =$	4.73				
$\theta =$	11.94 °				
$\cot \vartheta > 2,5$ Si assume $\vartheta = 21,8^\circ$					
Armatura trasversale					
$V_{Rsd} =$	678.92 (KN)				
$V_{Rcd} =$	2189.48 (KN)				
$V_{Rd} =$	679 (KN)				
	$\min(V_{Rsd}, V_{Rcd})$				

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14 VERIFICHE GEOTECNICHE

14.1 VERIFICA DELLA CAPACITÀ PORTANTE

La verifica a capacità portante del complesso fondazione – terreno è stata effettuata applicando la combinazione (A1+M1+R3) dell'Approccio 2, tenendo conto dei valori dei coefficienti parziali riportati nelle Tabelle 6.2.I, 6.2.II e 6.4.I delle NTC2008. I coefficienti γ_R sono riportati nella seguente tabella 6.4.I delle NTC08):

Tab. 6.4.I – Coefficienti parziali γ_R per le verifiche agli stati limite ultimi di fondazioni superficiali

Verifica	Coefficiente parziale
	(R3)
Carico limite	$\gamma_R = 2,3$
Scorrimento	$\gamma_R = 1,1$

La pressione limite puo' essere calcolata in base alla formula generale di Brinch Hansen (1970):

$$q_{lim} = 0.5 \cdot \gamma \cdot B N_{\gamma} s_{\gamma} i_{\gamma} b_{\gamma} g_{\gamma} + q \cdot N_{q} s_q d_q i_q b_q g_q + c N_c s_c d_c i_c b_c g_c$$

(valida in condizioni drenate)

$$q_{lim} = c_U N_c^* d_c^* i_c^* s_c^* b_c^* g_c^* + q$$

(valida in condizioni non drenate)

essendo

N_q, N_c, N_{γ} i fattori di capacità portante in condizioni drenate;

N_c^* il fattore di capacità portante in condizioni non drenate;

$s_{\gamma} s_q s_c$ i fattori di forma della fondazione;

$i_{\gamma} i_q i_c$ i fattori correttivi per l'inclinazione del carico;

$b_{\gamma} b_q b_c$ i fattori correttivi per l'inclinazione della base della fondazione;

$g_{\gamma} g_q g_c$ i fattori correttivi per l'inclinazione del piano campagna;

$d_{\gamma} d_q d_c$ i fattori correttivi per la profondità del piano di posa;



$d_c^* i_c^* s_c^* b_c^* g_c^*$ i fattori correttivi corrispondenti rispettivamente a quanto sopra esposto ma validi in condizioni non drenate.

In condizioni drenate valgono le seguenti espressioni:

$$N_q = \text{tg}^2(45 + \phi' / 2) * e^{(\pi * \text{tg} \phi')}$$

$$N_c = (N_q - 1) / \text{tg} \phi'$$

$$N_{\gamma} = 1.5(N_q - 1) * \text{tg} \phi'$$

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$$i_{\gamma} = \left[1 - \frac{H}{N + B' \cdot c \cdot \cotg \phi'} \right]^{m+1}$$

$$i_{\alpha} = i_c = \left[1 - \frac{H}{N + B' \cdot c \cdot \cotg \phi'} \right]^m$$

$$d_{\alpha} = 1 + 2 \operatorname{tg} \phi' \cdot (1 - \sin \phi')^2 \cdot \frac{D}{B'} \quad \text{per } D/B' \leq 1$$

$$d_{\alpha} = 1 + 2 \operatorname{tg} \phi' \cdot (1 - \sin \phi')^2 \cdot \operatorname{arctg} \left(\frac{D}{B'} \right) \quad \text{per } D/B' > 1$$

$$d_c = d_{\alpha} - \frac{1 - d_{\alpha}}{N_c \operatorname{tg} \phi'}$$

$$s_{\alpha} = 1 + (B/2) \operatorname{tg} \phi'$$

$$s_{\gamma} = 1 - 0.4B/4$$

$$s_c = 1 + \frac{N_q B}{N_c L}$$

$$g_{\gamma} = g_{\alpha} = (1 - 0.5 \operatorname{tg} \beta)^5$$

$$g_c = 1 - \beta^{\circ} / 147^{\circ}$$

$$b_{\alpha} = e^{(-2.7 \operatorname{tg} \phi')}$$

$$b_{\gamma} = e^{(-2.7 \operatorname{tg} \phi')}$$

$$\text{ove } \beta + \eta \leq 90^{\circ} \text{ e } \beta \leq \phi$$

In condizioni non drenate i fattori hanno le seguenti espressioni:

$$N_c^* = (2 + \pi)$$

$$s_c^* = 0.2 + \frac{B}{L}$$



$$i_c^* = \left[1 - \frac{mH}{B' c u N_c} \right]^m$$

$$d_c^* = 0.4 + \frac{D}{B} \quad \text{per } D/B \leq 1$$

$$d_c^* = 0.4 + \frac{\operatorname{tg}^{-1} D}{B} \quad \text{per } D/B > 1$$

$$g_c^* = \beta^{\circ} / 147^{\circ}$$

$$b_c^* = \eta^{\circ} / 147^{\circ}$$

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Si sono indicate con:

- q = γ^*D = pressione verticale totale agente alla quota di imposta della fondazione;
- B' = larghezza efficace equivalente della fondazione;
- γ = peso di volume naturale del terreno;
- c_u = coesione non drenata;
- D = affondamento della fondazione;
- H = carico orizzontale agente.

Per valutare gli effetti dell'eccentricità è necessario inserire nell'equazione della capacità due dimensioni L' e B' ridotte secondo le:



$$L' = L - 2e_x$$

$$B' = B - 2e_y$$

dove B e L sono le reali dimensioni della fondazione e e_x e e_y sono le eccentricità.

Si riporta di seguito la verifica per la condizione più gravosa.

L'azione complessiva trasmessa al terreno dalla fondazione nella condizione più gravosa è pari a circa 3420.6 kN per una striscia di larghezza unitaria e $3927.4 \times 11.8 = 46343$ kN globalmente per la struttura in esame.

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Fondazioni Dirette
Verifica in tensioni totali

$$q_{lim} = c_u \cdot N_c \cdot s_c \cdot d_c \cdot i_c \cdot b_c \cdot g_c + q \cdot N_q$$

D = Profondità del piano di appoggio

e_B = Eccentricità in direzione B ($e_B = M_b/N$)

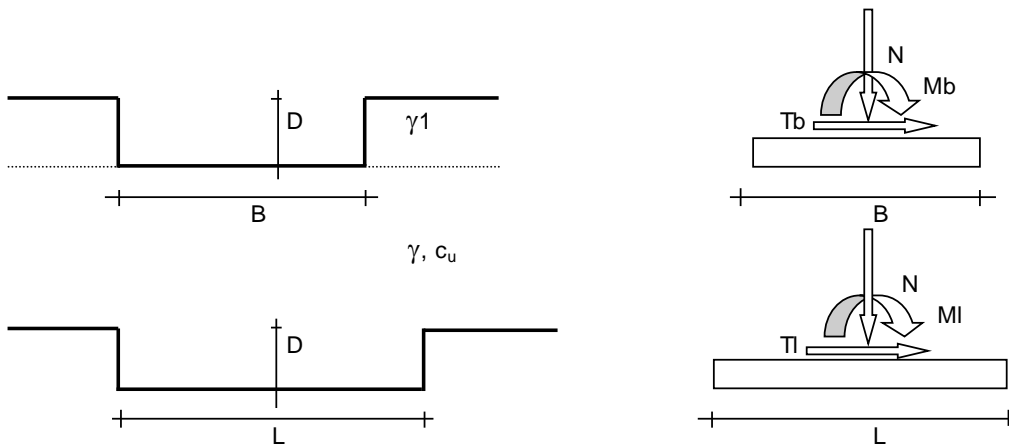
e_L = Eccentricità in direzione L ($e_L = M_l/N$) (per fondazione nastriforme $e_L = 0$; $L^* = L$)

B^* = Larghezza fittizia della fondazione ($B^* = B - 2 \cdot e_B$)

L^* = Lunghezza fittizia della fondazione ($L^* = L - 2 \cdot e_L$)

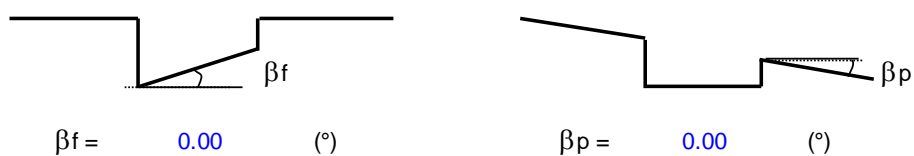
coefficienti parziali



Metodo di calcolo	azioni		proprietà del terreno	resistenze	
	permanenti	temporanee variabili	c_u	q_{lim}	scorr
Stato Limite Ultimo A1+M1+R3	1.30	1.50	1.00	2.30	1.10
SISMA	1.00	1.00	1.00	2.30	1.10
Definiti dal Progettista	1.00	1.00	1.00	2.30	1.10



(Per fondazioni nastriformi $L=100$ m)

- B = 16.60 (m)
- L = 11.80 (m)
- D = 9.20 (m)



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AZIONI

	valori di input		Valori di calcolo
	permanenti	temporanee	
N [kN]	46343		46343.32
Mb [kNm]	17907		17906.50
MI [kNm]	0.00		0.00
Tb [kN]	2420		2420.18
TI [kN]	0.00		0.00
H [kN]	2420	0.00	2420.18

Peso unità di volume del terreno

$$\gamma_1 = 17.50 \quad (\text{kN/mc})$$

$$\gamma = 17.50 \quad (\text{kN/mc})$$

Valore caratteristico di resistenza del terreno

$$c_u = 60.00 \quad (\text{kN/mq})$$

$$e_B = 0.39 \quad (\text{m})$$

$$e_L = 0.00 \quad (\text{m})$$

Valore di progetto

$$c_u = 60.00 \quad (\text{kN/mq})$$

$$B^* = 15.83 \quad (\text{m})$$

$$L^* = 11.80 \quad (\text{m})$$

q : sovraccarico alla profondità D

$$q = 161.00 \quad (\text{kN/mq})$$

γ : peso di volume del terreno di fondazione

$$\gamma = 17.50 \quad (\text{kN/mc})$$

Nc : coefficiente di capacità portante



$$N_c = 2 + \pi$$

$$N_c = 5.14$$

s_c : fattori di forma

$$s_c = 1 + 0,2 B^* / L^*$$

$$s_c = 1.15$$

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i_c: fattore di inclinazione del carico

$$m_b = (2 + B^* / L^*) / (1 + B^* / L^*) = 1.57$$

$$m_l = (2 + L^* / B^*) / (1 + L^* / B^*) = 1.43$$

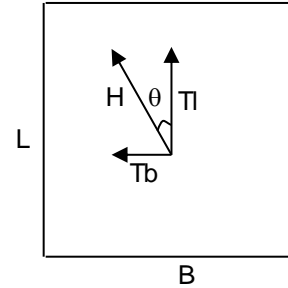
$$\theta = \arctg(T_b/T_l) = 90.00 \quad (^\circ)$$

$$m = 1.57$$

(m=2 nel caso di fondazione nastroforme e
 $m=(m_b \sin^2 \theta + m_l \cos^2 \theta)$ in tutti gli altri casi)

$$i_c = (1 - m H / (B^* L^* c_u^* N_c))$$

$$i_c = 0.93$$



d_c: fattore di profondità del piano di appoggio

per $D/B^* \leq 1$; $d_c = 1 + 0,4 D / B^*$

per $D/B^* > 1$; $d_c = 1 + 0,4 \arctan (D / B^*)$

$$d_c = 1.31$$

b_c: fattore di inclinazione base della fondazione

$$b_c = (1 - 2 \beta_f / (\pi + 2)) \quad \beta_f + \beta_p = 0.00 \quad \beta_f + \beta_p < 45^\circ$$

$$b_c = 1.00$$

g_c: fattore di inclinazione piano di campagna

$$g_c = (1 - 2 \beta_f / (\pi + 2)) \quad \beta_f + \beta_p = 0.00 \quad \beta_f + \beta_p < 45^\circ$$

$$g_c = 1.00$$



Carico limite unitario

$$q_{lim} = 595.18 \quad (\text{kN/m}^2)$$

Pressione massima agente

$$q = N / B^* L^*$$

$$q = 248.14 \quad (\text{kN/m}^2)$$

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Verifica di sicurezza capacità portante

$$q_{lim} / \gamma_R = 258.77 \geq q = 248.14 \text{ (kN/m}^2\text{)}$$

VERIFICA A SCORRIMENTO

Carico agente

$$H_d = 2420.18 \text{ (kN)}$$



Azione Resistente

$$S_d = c_u B^* L^*$$

$$S_d = 11205.67 \text{ (kN)}$$

Verifica di sicurezza allo scorrimento

$$S_d / \gamma_R = 10187 \geq H_d = 2420.18 \text{ (kN)}$$

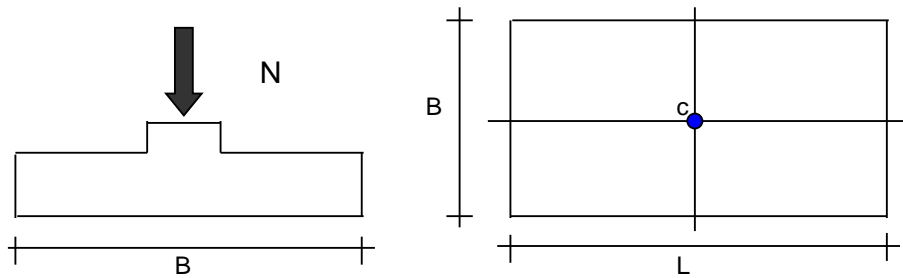
GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A

14.2 VALUTAZIONE DEI CEDIMENTI

Si esibisce di seguito il calcolo dei cedimenti in fondazione dell'opera in esame.

CEDIMENTI DI UNA FONDAZIONE RETTANGOLARE

LAVORO:



Formulazione Teorica (H.G. Poulos, E.H. Davis; 1974)

$$\Delta\sigma_{zi} = (q/2\pi) * (\tan^{-1}((L/2)(B/2)/(zR_3)) + ((L/2)(B/2)z/R_3)(1/R_1^2 + 1/R_2^2))$$

$$\Delta\sigma_{xi} = (q/2\pi) * (\tan^{-1}((L/2)(B/2)/(zR_3)) - ((L/2)(B/2)z/R_3 R_1^2))$$



$$\Delta\sigma_{yi} = (q/2\pi) * (\tan^{-1}((L/2)(B/2)/(zR_3)) - ((L/2)(B/2)z/R_3 R_2^2))$$

$$R_1 = ((L/2)^2 + z^2)^{0.5}$$

$$R_2 = ((B/2)^2 + z^2)^{0.5}$$

$$R_3 = ((L/2)^2 + (B/2)^2 + z^2)^{0.5}$$

$$\delta_{ot} = \Sigma \delta_i = \Sigma (((\Delta\sigma_{zi} - v_i(\Delta\sigma_{xi} + \Delta\sigma_{yi})) \Delta z_i / E_i)$$

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		Progetto	Lotto	Codifica	
		IN17	12	EI2CLSL1000001	A

DATI DI INPUT:

B = 16.60 (m) (Larghezza della Fondazione)

L = 11.80 (m) (Lunghezza della Fondazione)

N = 31750 (kN) (Carico Verticale Agente)



q = 162.09 (kN/mq) (Pressione Agente (q = N/(B*L)))

ns = 6 (-) (numero strati) (massimo 6)

Strato	Litologia	Spessore	da z _i	a z _{i+1}	Δz _i	E	v	δ _{ci}
(-)	(-)	(m)	(m)	(m)	(m)	(kN/m ²)	(-)	(cm)
1	3b	2.00	0.0	2.0	1.0	8000	0.30	2.39
2	4	3.00	2.0	5.0	1.0	40000	0.30	0.82
3	3b	5.00	5.0	10.0	1.0	8000	0.30	5.21
4	4	1.50	10.0	11.5	1.0	40000	0.30	0.16
5	3b	9.00	11.5	20.5	1.0	10000	0.30	3.60
6	6	8.00	20.5	28.5	1.0	250000	0.30	0.0632

$$\delta_{ctot} = 12.24 \text{ (cm)}$$

Il cedimento totale risulta essere pari a 12.24 cm.

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	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A

14.3 VERIFICA A SOLLEVAMENTO

In accordo con quanto prescritto nella normativa di riferimento NTC2008-§6.2.3.2, si riporta di seguito la verifica di sollevamento dell'opera, in quanto interessata dalla presenza della sottospinta idraulica (Verifica nei confronti degli stati limite ultimi idraulici).

I coefficienti parziali sulle azioni, per le verifiche di stabilità al sollevamento, sono indicati nella Tabella 6.2.III della normativa NTC2008.



Tabella 6.2.III – Coefficienti parziali sulle azioni per le verifiche nei confronti di stati limite di sollevamento.

CARICHI	EFFETTO	Coefficiente parziale γ_F (o γ_E)	SOLLEVAMENTO (UPL)
Permanenti	Favorevole	γ_{G1}	0,9
	Sfavorevole		1,1
Permanenti non strutturali ⁽¹⁾	Favorevole	γ_{G2}	0,0
	Sfavorevole		1,5
Variabili	Favorevole	γ_Q	0,0
	Sfavorevole		1,5

(1) Nel caso in cui i carichi permanenti non strutturali (ad es. i carichi permanenti portati) siano compiutamente definiti, si potranno adottare gli stessi coefficienti validi per le azioni permanenti.



Risulta quanto segue:

SOLLEVAMENTO (Verifiche nei confronti degli stati limite ultimi idraulici)				
Carico permanente strutturale G1				
Peso soletta superiore			415.00	kN
Peso soletta fondazione			435.00	kN
Peso piedritti (x2)			325.00	kN
Peso piedritto centrale			130.00	kN
Coefficiente sicurezza			0.90	-
Carico permanente non strutturale G2				
Carico permanente TOT. Portato dalla soletta superiore			0.00	kN
Permanenti portati soletta inferiore			0.00	kN
Coefficiente sicurezza			0.80	-
Azione stabilizzante	PP	=	1174.50	kN
Azione dell'acqua				
Quota Falda dalla quota di intradosso della fondazione			1.92	m
Larghezza totale del sottopasso			16.60	m
Sottospinta idraulica	SPW	=	318.72	kN

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Coefficiente sicurezza			1.1		
Fattore di sicurezza al sollevamento	FS	=	3.35	>	1
				Verificato	

La verifica al sollevamento dell'opera risulta soddisfatta.

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15 ALLEGATO: TABULATI DI CALCOLO

15.1 INPUT

/

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/ Straus7MODEL EXCHANGE FILE
/ TIMESTAMP: 11:14:14 pm, 1 settembre 2021

/

—

/ MODEL INFORMATION

FileFormat Straus7.2.4.6

ModelName Scatolare SL10

Title

Project

Author

Reference

Comments

/

—



/ UNITS

LengthUnit m

MassUnit kg

EnergyUnit J

PressureUnit kPa

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A

ForceUnit kN

TemperatureUnit C

/

-

/ GROUP DEFINITIONS

Group 1 16711680 \\Model

Group 2 3355647 0

/

-

/ FREEDOM CASE DEFINITIONS

FreedomCase 2 0 0 Freedom Case 1

DZ RX RY

/

-

/ LOAD CASE DEFINITIONS



LoadCase 2 1 PP

Gravity 2 -9.81E+00



LCInclude 3

LoadCase 3 0 PERM



LCInclude 3

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A

LoadCase	4	0	SPTSX
LCInclude	3		
LoadCase	5	0	SPTDX
LCInclude	3		
LoadCase	6	0	SPTW
LCInclude	3		
LoadCase	7	0	ACC_LM71
LCInclude	3		
LoadCase	23	0	ACC_LM71_2
LCInclude	3		
LoadCase	8	0	ACC_SW2
LCInclude	3		
LoadCase	9	0	SPACCSX_LM71
LCInclude	3		
LoadCase	10	0	SPACCDX_LM71
LCInclude	3		
LoadCase	11	0	SPACCSX_SW2
LCInclude	3		

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A

LoadCase	12	0	SPACCDX_SW2
LCInclude	3		
LoadCase	13	0	AVV_LM71
LCInclude	3		
LoadCase	22	0	FREN_SW2
LCInclude	3		
LoadCase	14	0	SERP
LCInclude	3		
LoadCase	15	0	TERM
LCInclude	3		
LoadCase	16	0	RITIRO
LCInclude	3		
LoadCase	17	0	ACC_SOLINF
LCInclude	3		
LoadCase	18	2	SISMA_H
LCInclude	3		
LoadCase	19	2	SISMA_V
LCInclude	3		
LoadCase	20	0	SPSSX
LCInclude	3		

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	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A

LoadCase 21 0 SPSDX

LCInclude 3

/

—

/ LOAD CASE COMBINATIONS

LoadCaseCombination 23 SLU01

2 2 1.35E+00

3 2 1.50E+00

4 2 1.00E+00

5 2 1.00E+00

6 2 1.00E+00

7 2 1.45E+00

9 2 1.45E+00

13 2 1.45E+00

LoadCaseCombination 24 SLU02

2 2 1.35E+00

3 2 1.50E+00

4 2 1.00E+00

5 2 1.00E+00

6 2 1.00E+00



7 2 1.45E+00

13 2 1.45E+00

15 2 -9.00E-01

16 2 1.20E+00

17 2 1.16E+00

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	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A

LoadCaseCombination 25 SLU03



2	2	1.35E+00
3	2	1.50E+00
4	2	1.00E+00
5	2	1.00E+00
6	2	1.35E+00
7	2	1.45E+00
13	2	1.45E+00

LoadCaseCombination 26 SLU04

2	2	1.35E+00
3	2	1.50E+00
4	2	1.35E+00
5	2	1.00E+00
6	2	1.35E+00
7	2	1.45E+00
9	2	1.45E+00
13	2	1.45E+00

LoadCaseCombination 27 SLU05

2	2	1.35E+00
3	2	1.50E+00
4	2	1.35E+00
5	2	1.35E+00
6	2	1.35E+00
7	2	1.45E+00
9	2	1.45E+00
13	2	1.45E+00
17	2	1.16E+00

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	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A

LoadCaseCombination 28 SLU06

2	2	1.35E+00
3	2	1.50E+00
4	2	1.35E+00
5	2	1.35E+00
6	2	1.35E+00
9	2	1.45E+00

LoadCaseCombination 29 SLU07



2	2	1.35E+00
3	2	1.50E+00
4	2	1.35E+00
5	2	1.00E+00
6	2	1.35E+00
7	2	1.45E+00
9	2	1.45E+00
13	2	1.45E+00
15	2	-9.00E-01

LoadCaseCombination 30 SLU08

2	2	1.00E+00
3	2	1.00E+00
4	2	1.35E+00
5	2	1.00E+00
6	2	1.35E+00
9	2	1.45E+00

LoadCaseCombination 31 SLU09

2	2	1.35E+00
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	<p>Progetto IN17</p>	<p>Lotto 12</p>	<p>Codifica EI2CLSL1000001</p>	<p>A</p>



3	2	1.50E+00
4	2	1.35E+00
5	2	1.00E+00
6	2	1.35E+00
7	2	1.45E+00
9	2	1.45E+00
15	2	9.00E-01
16	2	1.20E+00

LoadCaseCombination 32 SLU10

2	2	1.35E+00
3	2	1.50E+00
4	2	1.00E+00
5	2	1.35E+00
6	2	1.35E+00
7	2	1.45E+00
10	2	1.45E+00
15	2	-9.00E-01
16	2	1.20E+00

LoadCaseCombination 33 SLU11

2	2	1.35E+00
3	2	1.50E+00
4	2	1.00E+00
5	2	1.35E+00
6	2	1.35E+00
7	2	1.45E+00
9	2	1.16E+00
15	2	-1.50E+00
16	2	1.20E+00

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	<p>Progetto IN17</p>	<p>Lotto 12</p>	<p>Codifica EI2CLSL1000001</p>	<p>A</p>

LoadCaseCombination 34 SLU12



2	2	1.35E+00
3	2	1.50E+00
4	2	1.00E+00
5	2	1.35E+00
6	2	1.35E+00
7	2	1.45E+00
9	2	1.16E+00
15	2	1.50E+00
16	2	1.20E+00

LoadCaseCombination 35 SLU13

2	2	1.35E+00
3	2	1.50E+00
4	2	1.00E+00
5	2	1.00E+00
6	2	1.00E+00
8	2	1.45E+00
11	2	1.45E+00
22	2	1.45E+00

LoadCaseCombination 36 SLU14

2	2	1.35E+00
3	2	1.50E+00
4	2	1.00E+00
5	2	1.00E+00
6	2	1.00E+00
8	2	1.45E+00
22	2	1.45E+00

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto IN17</p>	<p>Lotto 12</p>	<p>Codifica EI2CLSL1000001</p>	<p>A</p>

15 2 -9.00E-01
16 2 1.20E+00
17 2 1.16E+00

LoadCaseCombination 37 SLU15



2 2 1.35E+00
3 2 1.50E+00
4 2 1.00E+00
5 2 1.00E+00
6 2 1.35E+00
8 2 1.45E+00
22 2 1.45E+00

LoadCaseCombination 38 SLU16

2 2 1.35E+00
3 2 1.50E+00
4 2 1.35E+00
5 2 1.00E+00
6 2 1.35E+00
8 2 1.45E+00
11 2 1.45E+00
22 2 1.45E+00

LoadCaseCombination 39 SLU17

2 2 1.35E+00
3 2 1.50E+00
4 2 1.35E+00
5 2 1.35E+00
6 2 1.35E+00
8 2 1.45E+00

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A

11	2	1.45E+00
22	2	1.45E+00
17	2	1.16E+00

LoadCaseCombination 40 SLU18



2	2	1.35E+00
3	2	1.50E+00
4	2	1.35E+00
5	2	1.35E+00
6	2	1.35E+00
11	2	1.45E+00

LoadCaseCombination 41 SLU19

2	2	1.35E+00
3	2	1.50E+00
4	2	1.35E+00
5	2	1.00E+00
6	2	1.35E+00
8	2	1.45E+00
11	2	1.45E+00
22	2	1.45E+00
15	2	-9.00E-01

LoadCaseCombination 42 SLU20

2	2	1.00E+00
3	2	1.00E+00
4	2	1.35E+00
5	2	1.00E+00
6	2	1.35E+00
11	2	1.45E+00

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A

LoadCaseCombination 43 SLU21



2	2	1.35E+00
3	2	1.50E+00
4	2	1.35E+00
5	2	1.00E+00
6	2	1.35E+00
8	2	1.45E+00
11	2	1.45E+00
15	2	9.00E-01
16	2	1.20E+00

LoadCaseCombination 44 SLU22

2	2	1.35E+00
3	2	1.50E+00
4	2	1.00E+00
5	2	1.35E+00
6	2	1.35E+00
8	2	1.45E+00
12	2	1.45E+00
15	2	-9.00E-01
16	2	1.20E+00

LoadCaseCombination 45 SLU23

2	2	1.35E+00
3	2	1.50E+00
4	2	1.00E+00
5	2	1.35E+00
6	2	1.35E+00
8	2	1.45E+00

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto IN17</p>	<p>Lotto 12</p>	<p>Codifica EI2CLSL1000001</p>	<p>A</p>



11	2	1.16E+00
15	2	-1.50E+00
16	2	1.20E+00

LoadCaseCombination 46 SLU24

2	2	1.35E+00
3	2	1.50E+00
4	2	1.00E+00
5	2	1.35E+00
6	2	1.35E+00
8	2	1.45E+00
11	2	1.16E+00
15	2	1.50E+00
16	2	1.20E+00

LoadCaseCombination 47 SLU_SISMA01

2	2	1.00E+00
3	2	1.00E+00
4	2	1.00E+00
5	2	1.00E+00
6	2	1.00E+00
7	2	2.00E-01
9	2	2.00E-01
13	2	2.00E-01
15	2	-5.00E-01
16	2	1.00E+00
18	2	1.00E+00
19	2	3.00E-01
21	2	1.00E+00



GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A

LoadCaseCombination 48 SLU_SISMA02

2	2	1.00E+00
3	2	1.00E+00
4	2	1.00E+00
5	2	1.00E+00
6	2	1.00E+00
7	2	2.00E-01
9	2	2.00E-01
13	2	2.00E-01
15	2	-5.00E-01
16	2	1.00E+00
18	2	1.00E+00
19	2	-3.00E-01
21	2	1.00E+00

LoadCaseCombination 49 SLU_SISMA03

2	2	1.00E+00
3	2	1.00E+00
4	2	1.00E+00
5	2	1.00E+00
6	2	1.00E+00
7	2	2.00E-01
9	2	2.00E-01
13	2	2.00E-01
15	2	-5.00E-01
16	2	1.00E+00
18	2	-1.00E+00
19	2	3.00E-01

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A

20 2 1.00E+00

LoadCaseCombination 50 SLU_SISMA04

2 2 1.00E+00

3 2 1.00E+00

4 2 1.00E+00

5 2 1.00E+00

6 2 1.00E+00

7 2 2.00E-01

9 2 2.00E-01

13 2 2.00E-01

15 2 -5.00E-01

16 2 1.00E+00

18 2 -1.00E+00

19 2 -3.00E-01

20 2 1.00E+00

LoadCaseCombination 51 SLU_SISMA05

2 2 1.00E+00

3 2 1.00E+00

4 2 1.00E+00

5 2 1.00E+00

6 2 1.00E+00

7 2 2.00E-01



9 2 2.00E-01

13 2 2.00E-01

15 2 -5.00E-01

16 2 1.00E+00

18 2 3.00E-01

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A



19 2 1.00E+00
21 2 3.00E-01

LoadCaseCombination 52 SLU_SISMA06

2 2 1.00E+00
3 2 1.00E+00
4 2 1.00E+00
5 2 1.00E+00
6 2 1.00E+00
7 2 2.00E-01
9 2 2.00E-01
13 2 2.00E-01
15 2 -5.00E-01
16 2 1.00E+00
18 2 3.00E-01
19 2 -1.00E+00
21 2 3.00E-01

LoadCaseCombination 53 SLU_SISMA07

2 2 1.00E+00
3 2 1.00E+00
4 2 1.00E+00
5 2 1.00E+00
6 2 1.00E+00
7 2 2.00E-01
9 2 2.00E-01
13 2 2.00E-01
15 2 -5.00E-01
16 2 1.00E+00

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto IN17</p>	<p>Lotto 12</p>	<p>Codifica EI2CLSL1000001</p>	<p>A</p>



18 2 -3.00E-01
19 2 1.00E+00
20 2 3.00E-01

LoadCaseCombination 54 SLU_SISMA08

2 2 1.00E+00
3 2 1.00E+00
4 2 1.00E+00
5 2 1.00E+00
6 2 1.00E+00
7 2 2.00E-01
9 2 2.00E-01
13 2 2.00E-01
15 2 -5.00E-01
16 2 1.00E+00
18 2 -3.00E-01
19 2 -1.00E+00
20 2 3.00E-01

LoadCaseCombination 55 SLU_SISMA09

2 2 1.00E+00
3 2 1.00E+00
4 2 1.00E+00
5 2 1.00E+00
6 2 1.00E+00
8 2 2.00E-01
11 2 2.00E-01
22 2 2.00E-01
15 2 -5.00E-01

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A



16	2	1.00E+00
18	2	1.00E+00
19	2	3.00E-01
21	2	1.00E+00

LoadCaseCombination 56 SLU_SISMA10

2	2	1.00E+00
3	2	1.00E+00
4	2	1.00E+00
5	2	1.00E+00
6	2	1.00E+00
8	2	2.00E-01
11	2	2.00E-01
22	2	2.00E-01
15	2	-5.00E-01
16	2	1.00E+00
18	2	1.00E+00
19	2	-3.00E-01
21	2	1.00E+00

LoadCaseCombination 57 SLU_SISMA11

2	2	1.00E+00
3	2	1.00E+00
4	2	1.00E+00
5	2	1.00E+00
6	2	1.00E+00
8	2	2.00E-01
11	2	2.00E-01
22	2	2.00E-01

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto</p> <p>IN17</p>	<p>Lotto</p> <p>12</p>	<p>Codifica</p> <p>EI2CLSL1000001</p>	<p>A</p>



15	2	-5.00E-01
16	2	1.00E+00
18	2	-1.00E+00
19	2	3.00E-01
20	2	1.00E+00

LoadCaseCombination 58 SLU_SISMA12

2	2	1.00E+00
3	2	1.00E+00
4	2	1.00E+00
5	2	1.00E+00
6	2	1.00E+00
8	2	2.00E-01
11	2	2.00E-01
22	2	2.00E-01
15	2	-5.00E-01
16	2	1.00E+00
18	2	-1.00E+00
19	2	-3.00E-01
20	2	1.00E+00

LoadCaseCombination 59 SLU_SISMA13

2	2	1.00E+00
3	2	1.00E+00
4	2	1.00E+00
5	2	1.00E+00
6	2	1.00E+00
8	2	2.00E-01
11	2	2.00E-01

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A



22	2	2.00E-01
15	2	-5.00E-01
16	2	1.00E+00
18	2	3.00E-01
19	2	1.00E+00
21	2	3.00E-01

LoadCaseCombination 60 SLU_SISMA14

2	2	1.00E+00
3	2	1.00E+00
4	2	1.00E+00
5	2	1.00E+00
6	2	1.00E+00
8	2	2.00E-01
11	2	2.00E-01
22	2	2.00E-01
15	2	-5.00E-01
16	2	1.00E+00
18	2	3.00E-01
19	2	-1.00E+00
21	2	3.00E-01

LoadCaseCombination 61 SLU_SISMA15

2	2	1.00E+00
3	2	1.00E+00
4	2	1.00E+00
5	2	1.00E+00
6	2	1.00E+00
8	2	2.00E-01

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A



11	2	2.00E-01
22	2	2.00E-01
15	2	-5.00E-01
16	2	1.00E+00
18	2	-3.00E-01
19	2	1.00E+00
20	2	3.00E-01

LoadCaseCombination 62 SLU_SISMA16

2	2	1.00E+00
3	2	1.00E+00
4	2	1.00E+00
5	2	1.00E+00
6	2	1.00E+00
8	2	2.00E-01
11	2	2.00E-01
22	2	2.00E-01
15	2	-5.00E-01
16	2	1.00E+00
18	2	-3.00E-01
19	2	-1.00E+00
20	2	3.00E-01

LoadCaseCombination 63 SLE_RARA01

2	2	1.00E+00
3	2	1.00E+00
4	2	1.00E+00
5	2	1.00E+00
6	2	1.00E+00

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A



7	2	8.00E-01
9	2	8.00E-01
10	2	8.00E-01
13	2	-8.00E-01
15	2	-6.00E-01
17	2	8.00E-01

LoadCaseCombination 64 SLE_RARA02

2	2	1.00E+00
3	2	1.00E+00
4	2	1.00E+00
5	2	1.00E+00
6	2	1.00E+00
7	2	8.00E-01
9	2	8.00E-01
10	2	8.00E-01
13	2	8.00E-01
15	2	6.00E-01
17	2	8.00E-01

LoadCaseCombination 65 SLE_RARA03

2	2	1.00E+00
3	2	1.00E+00
4	2	1.00E+00
5	2	8.00E-01
6	2	1.00E+00
7	2	8.00E-01
9	2	8.00E-01
13	2	8.00E-01

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A



15	2	-6.00E-01
16	2	1.00E+00
17	2	8.00E-01

LoadCaseCombination 66 SLE_RARA04

2	2	1.00E+00
3	2	1.00E+00
4	2	1.00E+00
5	2	1.00E+00
6	2	1.00E+00
8	2	8.00E-01
11	2	8.00E-01
12	2	8.00E-01
22	2	-8.00E-01
15	2	-6.00E-01
17	2	8.00E-01

LoadCaseCombination 67 SLE_RARA05

2	2	1.00E+00
3	2	1.00E+00
4	2	1.00E+00
5	2	1.00E+00
6	2	1.00E+00
8	2	8.00E-01
11	2	8.00E-01
12	2	8.00E-01
22	2	8.00E-01
15	2	6.00E-01
17	2	8.00E-01

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A

LoadCaseCombination 68 SLE_RARA06



2	2	1.00E+00
3	2	1.00E+00
4	2	1.00E+00
5	2	8.00E-01
6	2	1.00E+00
8	2	8.00E-01
11	2	8.00E-01
22	2	8.00E-01
15	2	-6.00E-01
16	2	1.00E+00
17	2	8.00E-01

LoadCaseCombination 69 SLU25

2	2	1.35E+00
3	2	1.50E+00
4	2	1.00E+00
5	2	1.00E+00
6	2	1.00E+00
23	2	1.45E+00
13	2	1.45E+00
15	2	-9.00E-01
16	2	1.20E+00
17	2	1.16E+00

LoadCaseCombination 70 SLU26

2	2	1.35E+00
3	2	1.50E+00

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A

4	2	1.35E+00
5	2	1.00E+00
6	2	1.35E+00
23	2	1.45E+00
9	2	1.45E+00
13	2	1.45E+00



LoadCaseCombination 71 SLU27

2	2	1.35E+00
3	2	1.50E+00
4	2	1.35E+00
5	2	1.35E+00
6	2	1.35E+00
23	2	1.45E+00
9	2	1.45E+00
13	2	1.45E+00
17	2	1.16E+00

LoadCaseCombination 72 SLU28

2	2	1.35E+00
3	2	1.50E+00
4	2	1.35E+00
5	2	1.00E+00
6	2	1.35E+00
23	2	1.45E+00
9	2	1.45E+00
13	2	1.45E+00
15	2	-9.00E-01

LoadCaseCombination 73 SLU29

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto</p> <p>IN17</p>	<p>Lotto</p> <p>12</p>	<p>Codifica</p> <p>EI2CLSL1000001</p>	<p>A</p>



2	2	1.35E+00
3	2	1.50E+00
4	2	1.35E+00
5	2	1.00E+00
6	2	1.35E+00
23	2	1.45E+00
9	2	1.45E+00
15	2	9.00E-01
16	2	1.20E+00

LoadCaseCombination 74 SLU30

2	2	1.35E+00
3	2	1.50E+00
4	2	1.35E+00
5	2	1.00E+00
6	2	1.35E+00
7	2	1.45E+00
9	2	1.45E+00
22	2	7.25E-01
14	2	1.45E+00

LoadCaseCombination 75 SLU31

2	2	1.35E+00
3	2	1.50E+00
4	2	1.35E+00
5	2	1.00E+00
6	2	1.35E+00
8	2	1.45E+00
11	2	1.45E+00
22	2	7.25E-01

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A

14 2 1.45E+00

LoadCaseCombination 76 SLE_RARA07

2 2 1.00E+00

3 2 1.00E+00

4 2 1.00E+00

5 2 8.00E-01

6 2 1.00E+00

7 2 1.00E+00

9 2 1.00E+00

22 2 5.00E-01

14 2 1.00E+00

15 2 -6.00E-01

17 2 8.00E-01

LoadCaseCombination 77 SLE_RARA08

2 2 1.00E+00

3 2 1.00E+00

4 2 1.00E+00

5 2 8.00E-01

6 2 1.00E+00

8 2 1.00E+00



11 2 1.00E+00

22 2 5.00E-01

14 2 1.00E+00

15 2 -6.00E-01

17 2 8.00E-01



GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A

LoadCaseCombination 78 SLE_QPERM01

2	2	1.00E+00
3	2	1.00E+00
4	2	1.00E+00
5	2	1.00E+00
6	2	1.00E+00

LoadCaseCombination 79 SLE_FREQ01

2	2	1.00E+00
3	2	1.00E+00
4	2	1.00E+00
5	2	8.00E-01
6	2	1.00E+00
7	2	8.00E-01
23	2	0.00E+00
8	2	0.00E+00
9	2	8.00E-01
10	2	0.00E+00
11	2	0.00E+00
12	2	0.00E+00
13	2	4.00E-01
22	2	0.00E+00
14	2	8.00E-01
15	2	-5.00E-01
16	2	0.00E+00
17	2	8.00E-01
18	2	0.00E+00
19	2	0.00E+00
20	2	0.00E+00

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A



21 2 0.00E+00

LoadCaseCombination 80 SLE_FREQ02

2	2	1.00E+00
3	2	1.00E+00
4	2	1.00E+00
5	2	8.00E-01
6	2	1.00E+00
7	2	0.00E+00
23	2	0.00E+00
8	2	8.00E-01
9	2	0.00E+00
10	2	0.00E+00
11	2	8.00E-01
12	2	0.00E+00
13	2	4.00E-01
22	2	0.00E+00
14	2	8.00E-01
15	2	-5.00E-01
16	2	0.00E+00
17	2	8.00E-01
18	2	0.00E+00
19	2	0.00E+00
20	2	0.00E+00
21	2	0.00E+00

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GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A

/ COORDINATE SYSTEM DEFINITIONS

CoordSys 1 Global XYZ GlobalXYZ

/

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/ NODE COORDINATES

Node 1 0 -7.40E+00 0.00E+00 0.00E+00

Node 2 0 -7.15E+00 0.00E+00 0.00E+00

Node 3 0 -6.90E+00 0.00E+00 0.00E+00

Node 4 0 -5.18E+00 0.00E+00 0.00E+00

Node 5 0 -3.45E+00 0.00E+00 0.00E+00



Node 6 0 -1.73E+00 0.00E+00 0.00E+00

Node 7 0 0.00E+00 0.00E+00 0.00E+00



Node 8 0 1.73E+00 0.00E+00 0.00E+00

Node 9 0 3.45E+00 0.00E+00 0.00E+00



Node 10 0 5.18E+00 0.00E+00 0.00E+00

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A

Node	11	0	6.90E+00	0.00E+00	0.00E+00
Node	12	0	7.15E+00	0.00E+00	0.00E+00
Node	13	0	7.40E+00	0.00E+00	0.00E+00
Node	14	0	-7.40E+00	2.50E-01	0.00E+00
Node	15	0	7.40E+00	2.50E-01	0.00E+00
Node	16	0	-7.40E+00	5.00E-01	0.00E+00
Node	17	0	7.40E+00	5.00E-01	0.00E+00
Node	18	0	-7.40E+00	1.22E+00	0.00E+00
Node	19	0	7.40E+00	1.22E+00	0.00E+00
Node	20	0	-7.40E+00	1.94E+00	0.00E+00
Node	21	0	7.40E+00	1.94E+00	0.00E+00
Node	22	0	-7.40E+00	2.67E+00	0.00E+00
Node	23	0	7.40E+00	2.67E+00	0.00E+00
Node	24	0	-7.40E+00	3.39E+00	0.00E+00
Node	25	0	7.40E+00	3.39E+00	0.00E+00
Node	26	0	-7.40E+00	4.11E+00	0.00E+00

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A

Node 27	0	7.40E+00	4.11E+00	0.00E+00
Node 28	0	-7.40E+00	4.83E+00	0.00E+00
Node 29	0	7.40E+00	4.83E+00	0.00E+00
Node 30	0	-7.40E+00	5.56E+00	0.00E+00
Node 31	0	7.40E+00	5.56E+00	0.00E+00
Node 32	0	-7.40E+00	6.28E+00	0.00E+00
Node 33	0	7.40E+00	6.28E+00	0.00E+00
Node 34	0	-7.40E+00	7.00E+00	0.00E+00
Node 35	0	7.40E+00	7.00E+00	0.00E+00
Node 36	0	-7.40E+00	7.25E+00	0.00E+00
Node 37	0	7.40E+00	7.25E+00	0.00E+00
Node 38	0	-7.40E+00	7.50E+00	0.00E+00
Node 39	0	-7.15E+00	7.50E+00	0.00E+00
Node 40	0	-6.90E+00	7.50E+00	0.00E+00
Node 41	0	-5.18E+00	7.50E+00	0.00E+00
Node 42	0	-3.45E+00	7.50E+00	0.00E+00

GENERAL CONTRACTOR 		ALTA SORVEGLIANZA 			
		Progetto	Lotto	Codifica	
		IN17	12	EI2CLSL1000001	A



Node	43	0	-1.73E+00	7.50E+00	0.00E+00
Node	44	0	0.00E+00	7.50E+00	0.00E+00
Node	45	0	1.73E+00	7.50E+00	0.00E+00
Node	46	0	3.45E+00	7.50E+00	0.00E+00
Node	47	0	5.18E+00	7.50E+00	0.00E+00
Node	48	0	6.90E+00	7.50E+00	0.00E+00
Node	49	0	7.15E+00	7.50E+00	0.00E+00
Node	50	0	7.40E+00	7.50E+00	0.00E+00

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/ BEAM ELEMENTS

Beam	1	0	2	2	1	2
Beam	2	0	2	2	2	3
Beam	3	0	2	2	3	4
Beam	4	0	2	2	4	5
Beam	5	0	2	2	5	6
Beam	6	0	2	2	6	7
Beam	7	0	2	2	7	8
Beam	8	0	2	2	8	9
Beam	9	0	2	2	9	10
Beam	10	0	2	2	10	11

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto IN17</p>	<p>Lotto 12</p>	<p>Codifica EI2CLSL1000001</p>	<p>A</p>

Beam 11	0	2	2	11	12
Beam 12	0	2	2	12	13
Beam 13	0	2	3	1	14
Beam 14	0	2	3	14	16
Beam 15	0	2	3	16	18
Beam 16	0	2	3	18	20
Beam 17	0	2	3	20	22
Beam 18	0	2	3	22	24
Beam 19	0	2	3	24	26
Beam 20	0	2	3	26	28
Beam 21	0	2	3	28	30
Beam 22	0	2	3	30	32
Beam 23	0	2	3	32	34
Beam 24	0	2	3	34	36
Beam 25	0	2	3	36	38
Beam 26	0	2	3	15	13
Beam 27	0	2	3	17	15
Beam 28	0	2	3	19	17
Beam 29	0	2	3	21	19
Beam 30	0	2	3	23	21
Beam 31	0	2	3	25	23
Beam 32	0	2	3	27	25
Beam 33	0	2	3	29	27
Beam 34	0	2	3	31	29
Beam 35	0	2	3	33	31
Beam 36	0	2	3	35	33
Beam 37	0	2	3	37	35
Beam 38	0	2	3	50	37
Beam 39	0	2	4	38	39
Beam 40	0	2	4	39	40

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A

Beam 41	0	2	4	40	41
Beam 42	0	2	4	41	42
Beam 43	0	2	4	42	43
Beam 44	0	2	4	43	44
Beam 45	0	2	4	44	45
Beam 46	0	2	4	45	46
Beam 47	0	2	4	46	47
Beam 48	0	2	4	47	48
Beam 49	0	2	4	48	49
Beam 50	0	2	4	49	50

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/ NODE RESTRAINTS (ROTATION AS RADIAN)



/ Freedom Case 1
NdFreedom 2 1 1 DX
NdFreedom 2 13 1 DX

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/ BEAM SUPPORTS

/ Freedom Case 1
BmSupport 2 1 0.00E+00 4.00E+03
BmSupport 2 2 0.00E+00 4.00E+03
BmSupport 2 3 0.00E+00 4.00E+03

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A

BmSupport	2	4	0.00E+00	4.00E+03
BmSupport	2	5	0.00E+00	4.00E+03
BmSupport	2	6	0.00E+00	4.00E+03
BmSupport	2	7	0.00E+00	4.00E+03
BmSupport	2	8	0.00E+00	4.00E+03
BmSupport	2	9	0.00E+00	4.00E+03
BmSupport	2	10	0.00E+00	4.00E+03
BmSupport	2	11	0.00E+00	4.00E+03
BmSupport	2	12	0.00E+00	4.00E+03

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NODE FORCES



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PERM



NdForce	3	38	0.00E+00	-8.55E+00	0.00E+00
NdForce	3	50	0.00E+00	-8.55E+00	0.00E+00

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GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A

/	BEAM GLOBAL	DISTRIBUTED LOADS						
/	PERM							
	BmDistLoadG	3	1	Y	1	-2.16E+01	-2.16E+01	0.00E+00
		0.00E+00	0.00E+00	0.00E+00				
	BmDistLoadG	3	2	Y	1	-2.16E+01	-2.16E+01	0.00E+00
		0.00E+00	0.00E+00	0.00E+00				
	BmDistLoadG	3	3	Y	1	-2.16E+01	-2.16E+01	0.00E+00
		0.00E+00	0.00E+00	0.00E+00				
	BmDistLoadG	3	4	Y	1	-2.16E+01	-2.16E+01	0.00E+00
		0.00E+00	0.00E+00	0.00E+00				
	BmDistLoadG	3	5	Y	1	-2.16E+01	-2.16E+01	0.00E+00
		0.00E+00	0.00E+00	0.00E+00				
	BmDistLoadG	3	6	Y	1	-2.16E+01	-2.16E+01	0.00E+00
		0.00E+00	0.00E+00	0.00E+00				
	BmDistLoadG	3	7	Y	1	-2.16E+01	-2.16E+01	0.00E+00
		0.00E+00	0.00E+00	0.00E+00				
	BmDistLoadG	3	8	Y	1	-2.16E+01	-2.16E+01	0.00E+00
		0.00E+00	0.00E+00	0.00E+00				
	BmDistLoadG	3	9	Y	1	-2.16E+01	-2.16E+01	0.00E+00
		0.00E+00	0.00E+00	0.00E+00				
	BmDistLoadG	3	10	Y	1	-2.16E+01	-2.16E+01	0.00E+00
		0.00E+00	0.00E+00	0.00E+00				
	BmDistLoadG	3	11	Y	1	-2.16E+01	-2.16E+01	0.00E+00
		0.00E+00	0.00E+00	0.00E+00				
	BmDistLoadG	3	12	Y	1	-2.16E+01	-2.16E+01	0.00E+00
		0.00E+00	0.00E+00	0.00E+00				
	BmDistLoadG	3	39	Y	1	-1.71E+01	-1.71E+01	0.00E+00
		0.00E+00	0.00E+00	0.00E+00				
	BmDistLoadG	3	40	Y	1	-1.71E+01	-1.71E+01	0.00E+00
		0.00E+00	0.00E+00	0.00E+00				
	BmDistLoadG	3	41	Y	1	-1.71E+01	-1.71E+01	0.00E+00
		0.00E+00	0.00E+00	0.00E+00				

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A

BmDistLoadG	3	42	Y	1	-1.71E+01	-1.71E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	3	43	Y	1	-1.71E+01	-1.71E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	3	44	Y	1	-1.71E+01	-1.71E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	3	45	Y	1	-1.71E+01	-1.71E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	3	46	Y	1	-1.71E+01	-1.71E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	3	47	Y	1	-1.71E+01	-1.71E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	3	48	Y	1	-1.71E+01	-1.71E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	3	49	Y	1	-1.71E+01	-1.71E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	3	50	Y	1	-1.71E+01	-1.71E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					

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/ NODE FORCES

/ SPTSX

NdForce	4	1	3.08E+01	0.00E+00	0.00E+00
NdForce	4	38	4.25E+00	0.00E+00	0.00E+00

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GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A

/	BEAM GLOBAL	DISTRIBUTED LOADS						
/	SPTSX							
	BmDistLoadG	4	13	X	2	6.06E+01	5.96E+01	0.00E+00
		0.00E+00	0.00E+00	0.00E+00				
	BmDistLoadG	4	14	X	2	5.96E+01	5.87E+01	0.00E+00
		0.00E+00	0.00E+00	0.00E+00				
	BmDistLoadG	4	15	X	2	5.87E+01	5.59E+01	0.00E+00
		0.00E+00	0.00E+00	0.00E+00				
	BmDistLoadG	4	16	X	2	5.59E+01	5.31E+01	0.00E+00
		0.00E+00	0.00E+00	0.00E+00				
	BmDistLoadG	4	17	X	2	5.31E+01	4.76E+01	0.00E+00
		0.00E+00	0.00E+00	0.00E+00				
	BmDistLoadG	4	18	X	2	4.76E+01	4.20E+01	0.00E+00
		0.00E+00	0.00E+00	0.00E+00				
	BmDistLoadG	4	19	X	2	4.20E+01	3.65E+01	0.00E+00
		0.00E+00	0.00E+00	0.00E+00				
	BmDistLoadG	4	20	X	2	3.65E+01	3.09E+01	0.00E+00
		0.00E+00	0.00E+00	0.00E+00				
	BmDistLoadG	4	21	X	2	3.09E+01	2.54E+01	0.00E+00
		0.00E+00	0.00E+00	0.00E+00				
	BmDistLoadG	4	22	X	2	2.54E+01	1.98E+01	0.00E+00
		0.00E+00	0.00E+00	0.00E+00				
	BmDistLoadG	4	23	X	2	1.98E+01	1.43E+01	0.00E+00
		0.00E+00	0.00E+00	0.00E+00				
	BmDistLoadG	4	24	X	2	1.43E+01	1.23E+01	0.00E+00
		0.00E+00	0.00E+00	0.00E+00				
	BmDistLoadG	4	25	X	2	1.23E+01	1.04E+01	0.00E+00
		0.00E+00	0.00E+00	0.00E+00				

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GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A

/ NODE FORCES

/ SPTDX

NdForce	5	13	-3.08E+01	0.00E+00	0.00E+00
NdForce	5	50	-4.25E+00	0.00E+00	0.00E+00



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/ BEAM GLOBAL DISTRIBUTED LOADS

/ SPTDX

BmDistLoadG	5	26	X	2	-5.96E+01	-6.06E+01	0.00E+00
	0.00E+00	0.00E+00					0.00E+00
BmDistLoadG	5	27	X	2	-5.87E+01	-5.96E+01	0.00E+00
	0.00E+00	0.00E+00					0.00E+00
BmDistLoadG	5	28	X	2	-5.59E+01	-5.87E+01	0.00E+00
	0.00E+00	0.00E+00					0.00E+00
BmDistLoadG	5	29	X	2	-5.31E+01	-5.59E+01	0.00E+00
	0.00E+00	0.00E+00					0.00E+00
BmDistLoadG	5	30	X	2	-4.76E+01	-5.31E+01	0.00E+00
	0.00E+00	0.00E+00					0.00E+00
BmDistLoadG	5	31	X	2	-4.20E+01	-4.76E+01	0.00E+00
	0.00E+00	0.00E+00					0.00E+00
BmDistLoadG	5	32	X	2	-3.65E+01	-4.20E+01	0.00E+00
	0.00E+00	0.00E+00					0.00E+00
BmDistLoadG	5	33	X	2	-3.09E+01	-3.65E+01	0.00E+00
	0.00E+00	0.00E+00					0.00E+00
BmDistLoadG	5	34	X	2	-2.54E+01	-3.09E+01	0.00E+00
	0.00E+00	0.00E+00					0.00E+00
BmDistLoadG	5	35	X	2	-1.98E+01	-2.54E+01	0.00E+00
	0.00E+00	0.00E+00					0.00E+00

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A

BmDistLoadG	5	36	X	2	-1.43E+01	-1.98E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	5	37	X	2	-1.23E+01	-1.43E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	5	38	X	2	-1.04E+01	-1.23E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					

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/ NODE FORCES

/ SPTW

NdForce	6	1	0.00E+00	9.60E+00	0.00E+00
NdForce	6	13	0.00E+00	9.60E+00	0.00E+00



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/ BEAM GLOBAL DISTRIBUTED LOADS

/ SPTW



BmDistLoadG	6	1	Y	1	1.92E+01	1.92E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	6	2	Y	1	1.92E+01	1.92E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	6	3	Y	1	1.92E+01	1.92E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	6	4	Y	1	1.92E+01	1.92E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	6	5	Y	1	1.92E+01	1.92E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	Progetto	Lotto	Codifica	
	IN17	12	EI2CLSL1000001	A

BmDistLoadG	6	6	Y	1	1.92E+01	1.92E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00				
BmDistLoadG	6	7	Y	1	1.92E+01	1.92E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00				
BmDistLoadG	6	8	Y	1	1.92E+01	1.92E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00				
BmDistLoadG	6	9	Y	1	1.92E+01	1.92E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00				
BmDistLoadG	6	10	Y	1	1.92E+01	1.92E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00				
BmDistLoadG	6	11	Y	1	1.92E+01	1.92E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00				
BmDistLoadG	6	12	Y	1	1.92E+01	1.92E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00				
BmDistLoadG	6	13	X	2	1.42E+01	1.17E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00				
BmDistLoadG	6	14	X	2	1.17E+01	9.20E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00				
BmDistLoadG	6	15	X	2	9.20E+00	1.98E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00				
BmDistLoadG	6	16	X	2	1.98E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00				
BmDistLoadG	6	17	X	2	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00				
BmDistLoadG	6	18	X	2	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00				
BmDistLoadG	6	19	X	2	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00				
BmDistLoadG	6	20	X	2	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00				
BmDistLoadG	6	21	X	2	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00				

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto IN17</p>	<p>Lotto 12</p>	<p>Codifica EI2CLSL1000001</p>	<p>A</p>

BmDistLoadG	6	22	X	2	0.00E+00	0.00E+00	0.00E+00
	0.00E+00	0.00E+00					0.00E+00
BmDistLoadG	6	23	X	2	0.00E+00	0.00E+00	0.00E+00
	0.00E+00	0.00E+00					0.00E+00
BmDistLoadG	6	24	X	2	0.00E+00	0.00E+00	0.00E+00
	0.00E+00	0.00E+00					0.00E+00
BmDistLoadG	6	25	X	2	0.00E+00	0.00E+00	0.00E+00
	0.00E+00	0.00E+00					0.00E+00
BmDistLoadG	6	26	X	2	-1.17E+01	-1.42E+01	0.00E+00
	0.00E+00	0.00E+00					0.00E+00
BmDistLoadG	6	27	X	2	-9.20E+00	-1.17E+01	0.00E+00
	0.00E+00	0.00E+00					0.00E+00
BmDistLoadG	6	28	X	2	-1.98E+00	-9.20E+00	0.00E+00
	0.00E+00	0.00E+00					0.00E+00
BmDistLoadG	6	29	X	2	0.00E+00	-1.98E+00	0.00E+00
	0.00E+00	0.00E+00					0.00E+00
BmDistLoadG	6	30	X	2	0.00E+00	0.00E+00	0.00E+00
	0.00E+00	0.00E+00					0.00E+00
BmDistLoadG	6	31	X	2	0.00E+00	0.00E+00	0.00E+00
	0.00E+00	0.00E+00					0.00E+00
BmDistLoadG	6	32	X	2	0.00E+00	0.00E+00	0.00E+00
	0.00E+00	0.00E+00					0.00E+00
BmDistLoadG	6	33	X	2	0.00E+00	0.00E+00	0.00E+00
	0.00E+00	0.00E+00					0.00E+00
BmDistLoadG	6	34	X	2	0.00E+00	0.00E+00	0.00E+00
	0.00E+00	0.00E+00					0.00E+00
BmDistLoadG	6	35	X	2	0.00E+00	0.00E+00	0.00E+00
	0.00E+00	0.00E+00					0.00E+00
BmDistLoadG	6	36	X	2	0.00E+00	0.00E+00	0.00E+00
	0.00E+00	0.00E+00					0.00E+00
BmDistLoadG	6	37	X	2	0.00E+00	0.00E+00	0.00E+00
	0.00E+00	0.00E+00					0.00E+00

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A

BmDistLoadG 6 38 X 2 0.00E+00 0.00E+00 0.00E+00
0.00E+00 0.00E+00 0.00E+00



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/ BEAM GLOBAL DISTRIBUTED LOADS

/ ACC_LM71

BmDistLoadG 7 39 Y 1 -5.34E+01 -5.34E+01 0.00E+00
0.00E+00 0.00E+00 0.00E+00
BmDistLoadG 7 40 Y 1 -5.34E+01 -5.34E+01 0.00E+00
0.00E+00 0.00E+00 0.00E+00
BmDistLoadG 7 41 Y 1 -5.34E+01 -5.34E+01 0.00E+00
0.00E+00 0.00E+00 0.00E+00
BmDistLoadG 7 42 Y 1 -5.34E+01 -5.34E+01 0.00E+00
0.00E+00 0.00E+00 0.00E+00
BmDistLoadG 7 43 Y 1 -5.34E+01 -5.34E+01 0.00E+00
0.00E+00 0.00E+00 0.00E+00
BmDistLoadG 7 44 Y 1 -5.34E+01 -5.34E+01 0.00E+00
0.00E+00 0.00E+00 0.00E+00
BmDistLoadG 7 45 Y 1 -5.34E+01 -5.34E+01 0.00E+00
0.00E+00 0.00E+00 0.00E+00
BmDistLoadG 7 46 Y 1 -5.34E+01 -5.34E+01 0.00E+00
0.00E+00 0.00E+00 0.00E+00
BmDistLoadG 7 47 Y 1 -5.34E+01 -5.34E+01 0.00E+00
0.00E+00 0.00E+00 0.00E+00
BmDistLoadG 7 48 Y 1 -5.34E+01 -5.34E+01 0.00E+00
0.00E+00 0.00E+00 0.00E+00
BmDistLoadG 7 49 Y 1 -5.34E+01 -5.34E+01 0.00E+00
0.00E+00 0.00E+00 0.00E+00
BmDistLoadG 7 50 Y 1 -5.34E+01 -5.34E+01 0.00E+00
0.00E+00 0.00E+00 0.00E+00

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A



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/ BEAM GLOBAL DISTRIBUTED LOADS

/ ACC_LM71_2

BmDistLoadG	23	39	Y	1	-5.34E+01	-5.34E+01	0.00E+00
	0.00E+00	0.00E+00		0.00E+00			
BmDistLoadG	23	40	Y	1	-5.34E+01	-5.34E+01	0.00E+00
	0.00E+00	0.00E+00		0.00E+00			
BmDistLoadG	23	41	Y	1	-5.34E+01	-5.34E+01	0.00E+00
	0.00E+00	0.00E+00		0.00E+00			
BmDistLoadG	23	42	Y	1	-5.34E+01	-5.34E+01	0.00E+00
	0.00E+00	0.00E+00		0.00E+00			
BmDistLoadG	23	43	Y	1	-5.34E+01	-5.34E+01	0.00E+00
	0.00E+00	0.00E+00		0.00E+00			
BmDistLoadG	23	44	Y	1	-2.59E+01	-2.59E+01	0.00E+00
	0.00E+00	0.00E+00		0.00E+00			
BmDistLoadG	23	45	Y	1	-2.59E+01	-2.59E+01	0.00E+00
	0.00E+00	0.00E+00		0.00E+00			
BmDistLoadG	23	46	Y	1	-2.59E+01	-2.59E+01	0.00E+00
	0.00E+00	0.00E+00		0.00E+00			
BmDistLoadG	23	47	Y	1	-2.59E+01	-2.59E+01	0.00E+00
	0.00E+00	0.00E+00		0.00E+00			
BmDistLoadG	23	48	Y	1	-2.59E+01	-2.59E+01	0.00E+00
	0.00E+00	0.00E+00		0.00E+00			
BmDistLoadG	23	49	Y	1	-2.59E+01	-2.59E+01	0.00E+00
	0.00E+00	0.00E+00		0.00E+00			
BmDistLoadG	23	50	Y	1	-2.59E+01	-2.59E+01	0.00E+00
	0.00E+00	0.00E+00		0.00E+00			

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A

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/ BEAM GLOBAL DISTRIBUTED LOADS

/ ACC_SW2

BmDistLoadG	8	39	Y	1	-4.42E+01	-4.42E+01	0.00E+00
					0.00E+00	0.00E+00	0.00E+00
BmDistLoadG	8	40	Y	1	-4.42E+01	-4.42E+01	0.00E+00
					0.00E+00	0.00E+00	0.00E+00
BmDistLoadG	8	41	Y	1	-4.42E+01	-4.42E+01	0.00E+00
					0.00E+00	0.00E+00	0.00E+00
BmDistLoadG	8	42	Y	1	-4.42E+01	-4.42E+01	0.00E+00
					0.00E+00	0.00E+00	0.00E+00
BmDistLoadG	8	43	Y	1	-4.42E+01	-4.42E+01	0.00E+00
					0.00E+00	0.00E+00	0.00E+00
BmDistLoadG	8	44	Y	1	-4.42E+01	-4.42E+01	0.00E+00
					0.00E+00	0.00E+00	0.00E+00
BmDistLoadG	8	45	Y	1	-4.42E+01	-4.42E+01	0.00E+00
					0.00E+00	0.00E+00	0.00E+00
BmDistLoadG	8	46	Y	1	-4.42E+01	-4.42E+01	0.00E+00
					0.00E+00	0.00E+00	0.00E+00
BmDistLoadG	8	47	Y	1	-4.42E+01	-4.42E+01	0.00E+00
					0.00E+00	0.00E+00	0.00E+00
BmDistLoadG	8	48	Y	1	-4.42E+01	-4.42E+01	0.00E+00
					0.00E+00	0.00E+00	0.00E+00
BmDistLoadG	8	49	Y	1	-4.42E+01	-4.42E+01	0.00E+00
					0.00E+00	0.00E+00	0.00E+00
BmDistLoadG	8	50	Y	1	-4.42E+01	-4.42E+01	0.00E+00
					0.00E+00	0.00E+00	0.00E+00

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GENERAL CONTRACTOR 		ALTA SORVEGLIANZA 			
		Progetto	Lotto	Codifica	
		IN17	12	EI2CLSL1000001	A

/ NODE FORCES

/ SPACCSX_LM71

NdForce	9	1	8.98E+00	0.00E+00	0.00E+00
NdForce	9	38	8.98E+00	0.00E+00	0.00E+00



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/ BEAM GLOBAL DISTRIBUTED LOADS

/ SPACCSX_LM71

BmDistLoadG	9	13	X	1	1.80E+01	1.80E+01	0.00E+00
	0.00E+00	0.00E+00					0.00E+00
BmDistLoadG	9	14	X	1	1.80E+01	1.80E+01	0.00E+00
	0.00E+00	0.00E+00					0.00E+00
BmDistLoadG	9	15	X	1	1.80E+01	1.80E+01	0.00E+00
	0.00E+00	0.00E+00					0.00E+00
BmDistLoadG	9	16	X	1	1.80E+01	1.80E+01	0.00E+00
	0.00E+00	0.00E+00					0.00E+00
BmDistLoadG	9	17	X	1	1.80E+01	1.80E+01	0.00E+00
	0.00E+00	0.00E+00					0.00E+00
BmDistLoadG	9	18	X	1	1.80E+01	1.80E+01	0.00E+00
	0.00E+00	0.00E+00					0.00E+00
BmDistLoadG	9	19	X	1	1.80E+01	1.80E+01	0.00E+00
	0.00E+00	0.00E+00					0.00E+00
BmDistLoadG	9	20	X	1	1.80E+01	1.80E+01	0.00E+00
	0.00E+00	0.00E+00					0.00E+00
BmDistLoadG	9	21	X	1	1.80E+01	1.80E+01	0.00E+00
	0.00E+00	0.00E+00					0.00E+00
BmDistLoadG	9	22	X	1	1.80E+01	1.80E+01	0.00E+00
	0.00E+00	0.00E+00					0.00E+00

GENERAL CONTRACTOR 		ALTA SORVEGLIANZA  GRUPPO FERROVIE DELLO STATO ITALIANE			
		Progetto	Lotto	Codifica	
		IN17	12	EI2CLSL1000001	A

BmDistLoadG	9	23	X	1	1.80E+01	1.80E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	9	24	X	1	1.80E+01	1.80E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	9	25	X	1	1.80E+01	1.80E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					

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/ NODE FORCES

/ SPACCDX_LM71

NdForce	10	13	-8.98E+00	0.00E+00	0.00E+00
NdForce	10	50	-8.98E+00	0.00E+00	0.00E+00



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/ BEAM GLOBAL DISTRIBUTED LOADS

/ SPACCDX_LM71

BmDistLoadG	10	26	X	1	-1.80E+01	-1.80E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	10	27	X	1	-1.80E+01	-1.80E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	10	28	X	1	-1.80E+01	-1.80E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	10	29	X	1	-1.80E+01	-1.80E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	10	30	X	1	-1.80E+01	-1.80E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A

BmDistLoadG	10	31	X	1	-1.80E+01	-1.80E+01	0.00E+00
	0.00E+00	0.00E+00					0.00E+00
BmDistLoadG	10	32	X	1	-1.80E+01	-1.80E+01	0.00E+00
	0.00E+00	0.00E+00					0.00E+00
BmDistLoadG	10	33	X	1	-1.80E+01	-1.80E+01	0.00E+00
	0.00E+00	0.00E+00					0.00E+00
BmDistLoadG	10	34	X	1	-1.80E+01	-1.80E+01	0.00E+00
	0.00E+00	0.00E+00					0.00E+00
BmDistLoadG	10	35	X	1	-1.80E+01	-1.80E+01	0.00E+00
	0.00E+00	0.00E+00					0.00E+00
BmDistLoadG	10	36	X	1	-1.80E+01	-1.80E+01	0.00E+00
	0.00E+00	0.00E+00					0.00E+00
BmDistLoadG	10	37	X	1	-1.80E+01	-1.80E+01	0.00E+00
	0.00E+00	0.00E+00					0.00E+00
BmDistLoadG	10	38	X	1	-1.80E+01	-1.80E+01	0.00E+00
	0.00E+00	0.00E+00					0.00E+00

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/ NODE FORCES

/ SPACCSX_SW2



NdForce	11	1	7.44E+00	0.00E+00	0.00E+00
NdForce	11	38	7.44E+00	0.00E+00	0.00E+00

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/ BEAM GLOBAL DISTRIBUTED LOADS

/ SPACCSX_SW2

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	Progetto	Lotto	Codifica	
	IN17	12	EI2CLSL1000001	A



BmDistLoadG	11	13	X	1	1.49E+01	1.49E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	11	14	X	1	1.49E+01	1.49E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	11	15	X	1	1.49E+01	1.49E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	11	16	X	1	1.49E+01	1.49E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	11	17	X	1	1.49E+01	1.49E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	11	18	X	1	1.49E+01	1.49E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	11	19	X	1	1.49E+01	1.49E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	11	20	X	1	1.49E+01	1.49E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	11	21	X	1	1.49E+01	1.49E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	11	22	X	1	1.49E+01	1.49E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	11	23	X	1	1.49E+01	1.49E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	11	24	X	1	1.49E+01	1.49E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	11	25	X	1	1.49E+01	1.49E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					

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/ NODE FORCES

/ SPACCDX_SW2

GENERAL CONTRACTOR 		ALTA SORVEGLIANZA  GRUPPO FERROVIE DELLO STATO ITALIANE			
		Progetto	Lotto	Codifica	
		IN17	12	EI2CLSL1000001	A

NdForce	12	13	-7.44E+00	0.00E+00	0.00E+00
NdForce	12	50	-7.44E+00	0.00E+00	0.00E+00



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/ BEAM GLOBAL DISTRIBUTED LOADS

/ SPACCDX_SW2

BmDistLoadG	12	26	X	1	-1.49E+01	-1.49E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	12	27	X	1	-1.49E+01	-1.49E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	12	28	X	1	-1.49E+01	-1.49E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	12	29	X	1	-1.49E+01	-1.49E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	12	30	X	1	-1.49E+01	-1.49E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	12	31	X	1	-1.49E+01	-1.49E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	12	32	X	1	-1.49E+01	-1.49E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	12	33	X	1	-1.49E+01	-1.49E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	12	34	X	1	-1.49E+01	-1.49E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	12	35	X	1	-1.49E+01	-1.49E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	12	36	X	1	-1.49E+01	-1.49E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					

GENERAL CONTRACTOR 		ALTA SORVEGLIANZA  GRUPPO FERROVIE DELLO STATO ITALIANE			
		Progetto	Lotto	Codifica	
		IN17	12	EI2CLSL1000001	A

BmDistLoadG	12	37	X	1	-1.49E+01	-1.49E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00				
BmDistLoadG	12	38	X	1	-1.49E+01	-1.49E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00				



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/ BEAM GLOBAL DISTRIBUTED LOADS

/ AVV_LM71

BmDistLoadG	13	39	X	1	9.37E+00	9.37E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00				
BmDistLoadG	13	40	X	1	9.37E+00	9.37E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00				
BmDistLoadG	13	41	X	1	9.37E+00	9.37E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00				
BmDistLoadG	13	42	X	1	9.37E+00	9.37E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00				
BmDistLoadG	13	43	X	1	9.37E+00	9.37E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00				
BmDistLoadG	13	44	X	1	9.37E+00	9.37E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00				
BmDistLoadG	13	45	X	1	9.37E+00	9.37E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00				
BmDistLoadG	13	46	X	1	9.37E+00	9.37E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00				
BmDistLoadG	13	47	X	1	9.37E+00	9.37E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00				
BmDistLoadG	13	48	X	1	9.37E+00	9.37E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00				
BmDistLoadG	13	49	X	1	9.37E+00	9.37E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00				

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A

BmDistLoadG 13 50 X 1 9.37E+00 9.37E+00 0.00E+00
0.00E+00 0.00E+00 0.00E+00

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/ BEAM GLOBAL DISTRIBUTED LOADS

/ FREN_SW2

BmDistLoadG 22 39 X 1 9.03E+00 9.03E+00 0.00E+00
0.00E+00 0.00E+00 0.00E+00

BmDistLoadG 22 40 X 1 9.03E+00 9.03E+00 0.00E+00
0.00E+00 0.00E+00 0.00E+00

BmDistLoadG 22 41 X 1 9.03E+00 9.03E+00 0.00E+00
0.00E+00 0.00E+00 0.00E+00

BmDistLoadG 22 42 X 1 9.03E+00 9.03E+00 0.00E+00
0.00E+00 0.00E+00 0.00E+00

BmDistLoadG 22 43 X 1 9.03E+00 9.03E+00 0.00E+00
0.00E+00 0.00E+00 0.00E+00

BmDistLoadG 22 44 X 1 9.03E+00 9.03E+00 0.00E+00
0.00E+00 0.00E+00 0.00E+00

BmDistLoadG 22 45 X 1 9.03E+00 9.03E+00 0.00E+00
0.00E+00 0.00E+00 0.00E+00



BmDistLoadG 22 46 X 1 9.03E+00 9.03E+00 0.00E+00
0.00E+00 0.00E+00 0.00E+00

BmDistLoadG 22 47 X 1 9.03E+00 9.03E+00 0.00E+00
0.00E+00 0.00E+00 0.00E+00

BmDistLoadG 22 48 X 1 9.03E+00 9.03E+00 0.00E+00
0.00E+00 0.00E+00 0.00E+00

BmDistLoadG 22 49 X 1 9.03E+00 9.03E+00 0.00E+00
0.00E+00 0.00E+00 0.00E+00

BmDistLoadG 22 50 X 1 9.03E+00 9.03E+00 0.00E+00
0.00E+00 0.00E+00 0.00E+00

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A



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/ BEAM GLOBAL DISTRIBUTED LOADS

/ SERP

BmDistLoadG	14	39	X	1	2.85E-02	2.85E-02	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	14	40	X	1	2.85E-02	2.85E-02	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	14	41	X	1	2.85E-02	2.85E-02	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	14	42	X	1	2.85E-02	2.85E-02	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	14	43	X	1	2.85E-02	2.85E-02	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	14	44	X	1	2.85E-02	2.85E-02	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	14	45	X	1	2.85E-02	2.85E-02	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	14	46	X	1	2.85E-02	2.85E-02	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	14	47	X	1	2.85E-02	2.85E-02	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	14	48	X	1	2.85E-02	2.85E-02	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	14	49	X	1	2.85E-02	2.85E-02	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	14	50	X	1	2.85E-02	2.85E-02	0.00E+00
0.00E+00	0.00E+00	0.00E+00					

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A

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/ NODE TEMPERATURES

/ TERM

NdTemp	15	38	Fixed	0	1.50E+01
NdTemp	15	39	Fixed	0	1.50E+01
NdTemp	15	40	Fixed	0	1.50E+01
NdTemp	15	41	Fixed	0	1.50E+01
NdTemp	15	42	Fixed	0	1.50E+01
NdTemp	15	43	Fixed	0	1.50E+01
NdTemp	15	44	Fixed	0	1.50E+01
NdTemp	15	45	Fixed	0	1.50E+01
NdTemp	15	46	Fixed	0	1.50E+01
NdTemp	15	47	Fixed	0	1.50E+01
NdTemp	15	48	Fixed	0	1.50E+01
NdTemp	15	49	Fixed	0	1.50E+01
NdTemp	15	50	Fixed	0	1.50E+01



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/ NODE TEMPERATURES

/ RITIRO

NdTemp	16	38	Fixed	0	-1.12E+01
NdTemp	16	39	Fixed	0	-1.12E+01
NdTemp	16	40	Fixed	0	-1.12E+01
NdTemp	16	41	Fixed	0	-1.12E+01
NdTemp	16	42	Fixed	0	-1.12E+01
NdTemp	16	43	Fixed	0	-1.12E+01
NdTemp	16	44	Fixed	0	-1.12E+01

GENERAL CONTRACTOR 		ALTA SORVEGLIANZA 			
		Progetto	Lotto	Codifica	
		IN17	12	EI2CLSL1000001	A

NdTemp	16	45	Fixed	0	-1.12E+01
NdTemp	16	46	Fixed	0	-1.12E+01
NdTemp	16	47	Fixed	0	-1.12E+01
NdTemp	16	48	Fixed	0	-1.12E+01
NdTemp	16	49	Fixed	0	-1.12E+01
NdTemp	16	50	Fixed	0	-1.12E+01



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/ BEAM GLOBAL DISTRIBUTED LOADS

/ ACC_SOLINF

BmDistLoadG	17	1	Y	1	-2.62E+01	-2.62E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	17	2	Y	1	-2.62E+01	-2.62E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	17	3	Y	1	-2.62E+01	-2.62E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	17	4	Y	1	-2.62E+01	-2.62E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	17	5	Y	1	-2.62E+01	-2.62E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	17	6	Y	1	-2.62E+01	-2.62E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	17	7	Y	1	-2.62E+01	-2.62E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	17	8	Y	1	-2.62E+01	-2.62E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	17	9	Y	1	-2.62E+01	-2.62E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	17	10	Y	1	-2.62E+01	-2.62E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A

BmDistLoadG	17	11	Y	1	-2.62E+01	-2.62E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	17	12	Y	1	-2.62E+01	-2.62E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					



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/ BEAM GLOBAL DISTRIBUTED LOADS

/ SISMA_H

BmDistLoadG	18	13	X	1	7.38E+00	7.38E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	18	14	X	1	7.38E+00	7.38E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	18	15	X	1	7.38E+00	7.38E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	18	16	X	1	7.38E+00	7.38E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	18	17	X	1	7.38E+00	7.38E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	18	18	X	1	7.38E+00	7.38E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	18	19	X	1	7.38E+00	7.38E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	18	20	X	1	7.38E+00	7.38E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	18	21	X	1	7.38E+00	7.38E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	18	22	X	1	7.38E+00	7.38E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	18	23	X	1	7.38E+00	7.38E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00					

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto IN17</p>	<p>Lotto 12</p>	<p>Codifica EI2CLSL1000001</p>	<p>A</p>

BmDistLoadG	18	24	X	1	7.38E+00	7.38E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	18	25	X	1	7.38E+00	7.38E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	18	26	X	1	7.38E+00	7.38E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	18	27	X	1	7.38E+00	7.38E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	18	28	X	1	7.38E+00	7.38E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	18	29	X	1	7.38E+00	7.38E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	18	30	X	1	7.38E+00	7.38E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	18	31	X	1	7.38E+00	7.38E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	18	32	X	1	7.38E+00	7.38E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	18	33	X	1	7.38E+00	7.38E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	18	34	X	1	7.38E+00	7.38E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	18	35	X	1	7.38E+00	7.38E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	18	36	X	1	7.38E+00	7.38E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	18	37	X	1	7.38E+00	7.38E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	18	38	X	1	7.38E+00	7.38E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	18	39	X	1	1.56E+01	1.56E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A

BmDistLoadG	18	40	X	1	1.56E+01	1.56E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	18	41	X	1	1.56E+01	1.56E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	18	42	X	1	1.56E+01	1.56E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	18	43	X	1	1.56E+01	1.56E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	18	44	X	1	1.56E+01	1.56E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	18	45	X	1	1.56E+01	1.56E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	18	46	X	1	1.56E+01	1.56E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	18	47	X	1	1.56E+01	1.56E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	18	48	X	1	1.56E+01	1.56E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	18	49	X	1	1.56E+01	1.56E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	18	50	X	1	1.56E+01	1.56E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					



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/ BEAM GLOBAL DISTRIBUTED LOADS

/ SISMA_V

BmDistLoadG	19	39	Y	1	-7.78E+00	-7.78E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	19	40	Y	1	-7.78E+00	-7.78E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00					

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A

BmDistLoadG	19	41	Y	1	-7.78E+00	-7.78E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	19	42	Y	1	-7.78E+00	-7.78E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	19	43	Y	1	-7.78E+00	-7.78E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	19	44	Y	1	-7.78E+00	-7.78E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	19	45	Y	1	-7.78E+00	-7.78E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	19	46	Y	1	-7.78E+00	-7.78E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	19	47	Y	1	-7.78E+00	-7.78E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	19	48	Y	1	-7.78E+00	-7.78E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	19	49	Y	1	-7.78E+00	-7.78E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	19	50	Y	1	-7.78E+00	-7.78E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00					



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/ BEAM GLOBAL DISTRIBUTED LOADS

/ SPSSX

BmDistLoadG	20	13	X	1	5.02E+01	5.02E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	20	14	X	1	5.02E+01	5.02E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					
BmDistLoadG	20	15	X	1	5.02E+01	5.02E+01	0.00E+00
0.00E+00	0.00E+00	0.00E+00					

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A

BmDistLoadG	20	16	X	1	5.02E+01	5.02E+01	0.00E+00
	0.00E+00	0.00E+00					0.00E+00
BmDistLoadG	20	17	X	1	5.02E+01	5.02E+01	0.00E+00
	0.00E+00	0.00E+00					0.00E+00
BmDistLoadG	20	18	X	1	5.02E+01	5.02E+01	0.00E+00
	0.00E+00	0.00E+00					0.00E+00
BmDistLoadG	20	19	X	1	5.02E+01	5.02E+01	0.00E+00
	0.00E+00	0.00E+00					0.00E+00
BmDistLoadG	20	20	X	1	5.02E+01	5.02E+01	0.00E+00
	0.00E+00	0.00E+00					0.00E+00
BmDistLoadG	20	21	X	1	5.02E+01	5.02E+01	0.00E+00
	0.00E+00	0.00E+00					0.00E+00
BmDistLoadG	20	22	X	1	5.02E+01	5.02E+01	0.00E+00
	0.00E+00	0.00E+00					0.00E+00
BmDistLoadG	20	23	X	1	5.02E+01	5.02E+01	0.00E+00
	0.00E+00	0.00E+00					0.00E+00
BmDistLoadG	20	24	X	1	5.02E+01	5.02E+01	0.00E+00
	0.00E+00	0.00E+00					0.00E+00
BmDistLoadG	20	25	X	1	5.02E+01	5.02E+01	0.00E+00
	0.00E+00	0.00E+00					0.00E+00



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/ BEAM GLOBAL DISTRIBUTED LOADS

/ SPSDX

BmDistLoadG	21	26	X	1	-5.02E+01	-5.02E+01	0.00E+00
	0.00E+00	0.00E+00					0.00E+00
BmDistLoadG	21	27	X	1	-5.02E+01	-5.02E+01	0.00E+00
	0.00E+00	0.00E+00					0.00E+00
BmDistLoadG	21	28	X	1	-5.02E+01	-5.02E+01	0.00E+00
	0.00E+00	0.00E+00					0.00E+00

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A

BmDistLoadG	21	29	X	1	-5.02E+01	-5.02E+01	0.00E+00
	0.00E+00	0.00E+00		0.00E+00			
BmDistLoadG	21	30	X	1	-5.02E+01	-5.02E+01	0.00E+00
	0.00E+00	0.00E+00		0.00E+00			
BmDistLoadG	21	31	X	1	-5.02E+01	-5.02E+01	0.00E+00
	0.00E+00	0.00E+00		0.00E+00			
BmDistLoadG	21	32	X	1	-5.02E+01	-5.02E+01	0.00E+00
	0.00E+00	0.00E+00		0.00E+00			
BmDistLoadG	21	33	X	1	-5.02E+01	-5.02E+01	0.00E+00
	0.00E+00	0.00E+00		0.00E+00			
BmDistLoadG	21	34	X	1	-5.02E+01	-5.02E+01	0.00E+00
	0.00E+00	0.00E+00		0.00E+00			
BmDistLoadG	21	35	X	1	-5.02E+01	-5.02E+01	0.00E+00
	0.00E+00	0.00E+00		0.00E+00			
BmDistLoadG	21	36	X	1	-5.02E+01	-5.02E+01	0.00E+00
	0.00E+00	0.00E+00		0.00E+00			
BmDistLoadG	21	37	X	1	-5.02E+01	-5.02E+01	0.00E+00
	0.00E+00	0.00E+00		0.00E+00			
BmDistLoadG	21	38	X	1	-5.02E+01	-5.02E+01	0.00E+00
	0.00E+00	0.00E+00		0.00E+00			

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BEAM PROPERTIES

BeamProp 2 3355647 Fondazione

MaterialName Concrete: Compressive Strength $f_c = 32$ MPa - Modified

Modulus 3.36E+07



ShearMod 1.29E+07

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto IN17</p>	<p>Lotto 12</p>	<p>Codifica EI2CLSL1000001</p>	<p>A</p>

Poisson 1.50E-01
 UsePoisson TRUE
 Density 2.50E+03
 Expansion 1.00E-05
 ThermalCond 1.37E+00
 SpecificHeat 8.80E+02
 InstantAlpha FALSE
 Area 1.00E+00
 MomentI11 8.33E-02
 MomentI22 8.33E-02
 MomentJ 1.00E-01
 SectionType SolidRect
 B 1.00E+00
 D 1.00E+00
 CT FALSE
 TimeDependentMod Elastic
 UseMomCurv FALSE
 NonLinType Elasticplastic
 Hardening Isotropic

 BeamProp 3 16711680 piedritti
 MaterialName Rck = 350 - Modified



 Modulus 3.36E+07
 ShearMod 1.29E+07
 Poisson 1.50E-01
 UsePoisson TRUE
 Density 2.50E+03
 Expansion 1.00E-05
 ThermalCond 1.37E+00

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A

SpecificHeat 8.80E+02
InstantAlpha FALSE
Area 1.00E+00
MomentI11 8.33E-02
MomentI22 8.33E-02
MomentJ 1.00E-01
SectionType SolidRect
B 1.00E+00
D 1.00E+00
CT FALSE
TimeDependentMod Elastic
UseMomCurv FALSE
NonLinType Elasticplastic
Hardening Isotropic

BeamProp 4 3407846 soletta
MaterialName Rck = 350 - Modified

Modulus 3.36E+07
ShearMod 1.29E+07
Poisson 1.50E-01
UsePoisson TRUE
Density 2.50E+03
Expansion 1.00E-05
ThermalCond 1.37E+00
SpecificHeat 8.80E+02
InstantAlpha FALSE
Area 1.00E+00
MomentI11 8.33E-02
MomentI22 8.33E-02

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A

MomentJ 1.00E-01
SectionType SolidRect
B 1.00E+00
D 1.00E+00
CT FALSE
TimeDependentMod Elastic
UseMomCurv FALSE
NonLinType Elasticplastic
Hardening Isotropic

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/ LINEAR STATIC SOLVER DATA



LoadFreedomSetLSA 2 OF
2 3 4 5 6 7 8 9
10 11 12 13 22 14 15 16
17 18 19 20 21

/

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/ LINEAR BUCKLING SOLVER DATA

BuckNumModes 4

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A

BuckShift 0.00E+00

/

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/ LOAD INFLUENCE SOLVER DATA

LoadFreedomSetLIA 2 OF

/

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/ NATURAL FREQUENCY SOLVER DATA

FreqNumModes 4

FreqShift 0.00E+00



FreqIncludeNSMass 22

FreqModeParticipation FALSE

0.00E+00 0.00E+00 0.00E+00

0.00E+00 0.00E+00 0.00E+00

0.00E+00 0.00E+00 0.00E+00

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A

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/ HEAT SOLVER DATA

LoadSetHeat 22

HeatTempLoadCase 1

HeatNonlinear FALSE

/

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/ GENERAL SOLVER DATA

SolverTempDependence None



SolverLoadCaseTempDependence 0

SolverActiveStage 0

SturmCheck FALSE

SolverFreedomCase 2

ModalLoadType BaseAcceleration

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto IN17</p>	<p>Lotto 12</p>	<p>Codifica EI2CLSL1000001</p>	<p>A</p>

ModalNodeReactType Element

DampingType Rayleigh

RayleighFactors Frequency

1.00E+00 1.00E+01 1.00E+00 1.00E+01 1.00E-02 1.00E-02

NonLinearGeometry TRUE

NonLinearMaterial TRUE

IncludeCreep FALSE

SolverDefaultsGeneral

SolDefMatrixZeroDiag 1.00E-20

SolDefConjGradTol 1.00E-05



SolDefMaxConjGradIter5000

SolDefMaxNumWarnings 10

SolDefWindowState 3

SolDefReducedLogFile TRUE

SolDefDoResidualsCheck FALSE

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto IN17</p>	<p>Lotto 12</p>	<p>Codifica EI2CLSL1000001</p>	<p>A</p>

SolDefSuppressAllSingularities FALSE

SolverDefaultsElements

SolDefMinDimension 1.00E-09

SolDefMinInternalAngle 1.50E+01

SolDefZeroPointForce 1.00E-06

SolDefZeroDiagonal 1.00E-20

SolDefBeamMass Lumped

SolDefPlateMass Lumped

SolDefBrickMass Lumped

SolDefBeamLoads Consistent

SolDefPlateLoads Consistent

SolDefBeamSlices 5



SolDefIncludeLinkReactions TRUE

SolverDefaultsDrilling

SolDefZeroTrans 1.00E-08

SolDefZeroRot 1.00E-06

SolDrillStiffMult 1.00E-04

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A

SolDrillZeroEig 1.00E-06
SolDefMaxNormalsAngle 5.00E+00

SolDefForceDrillingCheck FALSE

SolverDefaultsIteration
SolDefZeroDisp1.00E-08
SolDefDispNormTol 1.00E-04

SolDefResidualsNormTol 1.00E-03

SolDefNonlinIterLimit 20
SolDefAddIterations TRUE
SolDefMaxUpdateInterval 5

SolDefMaxDispChange 1.00E+00

SolDefMaxResidualChange 1.00E-01



SolDefFormStiffnessMatrix 0

SolDefFormHeatStiffnessMatrix 2

SolDefHeatConvergenceTol 1.00E-05

SolDefHeatRelaxationFactor 6.67E-01

SolDefNonlinHeatIterLimit 20

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A

SolverDefaultsSubSteps

SolDefSubStepping 0

SolDefMinLoadReductionFactor 1.00E-01

SolDefMaxRot 3.00E+01

SolDefMaxDispRatio 1.00E-01

SolDefMinArcLength 1.00E-03

SolDefMaxFibreInc 1.00E-02

SolDefSaveSubIncrements FALSE

SolDefDynamicAutoSteppingMode 0

SolDefMinTimeStep 1.00E-03

SolDefConsiderTableSteps FALSE

SolDefSingleShotRestart FALSE



SolDefAutoAssignPathDiv FALSE

SolverDefaultsNonlinear

SolDefIncludeKG TRUE

SolDefAutoScaleKg TRUE

SolDefIgnoreCompressiveBeamKg FALSE

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL1000001	A

SolDefBeamKgType Simplified

SolDefFiniteStrainDefinition Nominal

SolDefBeamLength Initial

SolDefRatioMNL 5.00E-01

SolDefZeroContactFactor 1.00E-06

SolDefSlidingFriction 1.00E-15

SolDefStickingFriction 1.00E+00

SolDefFrictionCutoffStrain 1.00E-05

SolDefScaleSupports TRUE

SolverDefaultsCreep

SolDefTimeStepParam 5.00E-01

SolDefMinViscoUnits 3

SolDefMaxViscoUnits 6



SolDefCurveFitTime 1.00E+04

SolDefCurveFitTimeUnit d

SolDefSpacingBias 5.00E-01

SolDefDoInstantNTA TRUE

SolverDefaultsEigenvalue

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SolDefZeroFreq 1.00E-06

SolDefZeroBuckEigenvalue 1.00E-10

SolDefExpandWorkingSetBy 6

SolDefEigIterLimit 20

SolDefEigIterTol 1.00E-05

SolDefEigAutoShift FALSE

SolverDefaultsDynamics

SolDefWilsonTheta 1.37E+00

SolDefNewmarkBeta 5.00E-01

SolDefTransientMethod Newmark

SolDefExcludeMassComponents



SolDefIncludeRotMass TRUE

/

—

/ RESULT OPTIONS

ResultOptions

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
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ResOptsRotationUnit Degrees

ResOptsHRADisplacement Total

ResOptsHRAVelocity Total

ResOptsHRAAcceleration Relative

ResOptsBeamForceMoment Principal

ResOptsStageDisplacement BirthStage

15.2 OUTPUT

Model: Input_SL10_v.2.3

Result type: Beam force/moment


Freedom case: 1: Freedom

Result cases: All



Groups: All

Properties: All

	Shear Force 1 (kN)	Bending Moment 1 (kN.m)	Shear Force 2 (kN)	Bending Moment 2 (kN.m)	Axial Force (kN)	Torque (kN.m)
Beam 1: End 1: 1: PP	0.0000	0.0000	-226.7970	210.5340	0.0000	0.0000
Beam 1: End 1: 2: PERM	0.0000	0.0000	-59.2142	36.4456	0.0000	0.0000
Beam 1: End 1: 3: SPTSX	0.0000	0.0000	9.4298	207.8991	29.6749	0.0000
Beam 1: End 1: 4: SPTDX	0.0000	0.0000	-33.7834	-82.0137	-29.6749	0.0000
Beam 1: End 1: 5: SPTW	0.0000	0.0000	6.0835	-5.6241	0.3112	0.0000
Beam 1: End 1: 6: ACC_LM71	0.0000	0.0000	-165.8343	83.5636	0.0000	0.0000
Beam 1: End 1: 7: ACC_SW2	0.0000	0.0000	-137.2636	69.1669	0.0000	0.0000
Beam 1: End 1: 8: SPACCSX_LM71	0.0000	0.0000	10.4664	112.6341	20.0301	0.0000

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Beam 1: End 1: 9: SPACCDX_LM71	0.0000	0.0000	-21.7800	-55.7928	-20.0301	0.0000
Beam 1: End 1: 10: SPACCSX_SW2	0.0000	0.0000	8.6656	93.2411	16.5822	0.0000
Beam 1: End 1: 11: SPACCDX_SW2	0.0000	0.0000	-18.0307	-46.1890	-16.5822	0.0000
Beam 1: End 1: 12: AVV_LM71	0.0000	0.0000	36.4083	105.0588	36.4081	0.0000
Beam 1: End 1: 13: FREN_SW2	0.0000	0.0000	35.0872	101.2467	35.0870	0.0000
Beam 1: End 1: 14: SERP	0.0000	0.0000	0.1107	0.3195	0.1107	0.0000
Beam 1: End 1: 15: TERM	0.0000	0.0000	10.8279	-75.6681	0.0000	0.0000
Beam 1: End 1: 16: RITIRO	0.0000	0.0000	-8.0848	56.4988	0.0000	0.0000
Beam 1: End 1: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Beam 1: End 1: 18: SISMA_H	0.0000	0.0000	53.9200	178.7375	56.3230	0.0000
Beam 1: End 1: 19: SISMA_V	0.0000	0.0000	-18.1051	9.1231	0.0000	0.0000
Beam 1: End 1: 20: SPSSX	0.0000	0.0000	16.9371	220.9423	36.9250	0.0000
Beam 1: End 1: 21: SPSDX	0.0000	0.0000	-40.5723	-102.3916	-36.9250	0.0000
Beam 1: End 1: 22: SLU01 [Combination 1]	0.0000	0.0000	-585.7588	895.9725	82.1465	0.0000
Beam 1: End 1: 23: SLU02 [Combination 2]	0.0000	0.0000	-620.3820	868.5528	53.1029	0.0000
Beam 1: End 1: 24: SLU03 [Combination 3]	0.0000	0.0000	-598.8059	730.6846	53.2119	0.0000
Beam 1: End 1: 25: SLU04 [Combination 4]	0.0000	0.0000	-580.3292	966.7688	92.6417	0.0000
Beam 1: End 1: 26: SLU05 [Combination 5]	0.0000	0.0000	-592.1534	938.0640	82.2555	0.0000
Beam 1: End 1: 27: SLU06 [Combination 6]	0.0000	0.0000	-404.4858	664.5615	29.4637	0.0000
Beam 1: End 1: 28: SLU07 [Combination 7]	0.0000	0.0000	-590.0743	1034.8700	92.6417	0.0000
Beam 1: End 1: 29: SLU08 [Combination 8]	0.0000	0.0000	-283.6755	601.3566	39.8500	0.0000
Beam 1: End 1: 30: SLU09 [Combination 9]	0.0000	0.0000	-633.0780	814.1308	39.8500	0.0000
Beam 1: End 1: 31: SLU10 [Combination 10]	0.0000	0.0000	-714.4500	604.6448	-39.0097	0.0000
Beam 1: End 1: 32: SLU11 [Combination 11]	0.0000	0.0000	-677.2248	861.6008	13.2688	0.0000
Beam 1: End 1: 33: SLU12 [Combination 12]	0.0000	0.0000	-644.7411	634.5966	13.2688	0.0000
Beam 1: End 1: 34: SLU13 [Combination 13]	0.0000	0.0000	-548.8581	841.4497	75.2315	0.0000
Beam 1: End 1: 35: SLU14 [Combination 14]	0.0000	0.0000	-580.8701	842.1500	51.1873	0.0000
Beam 1: End 1: 36: SLU15 [Combination 15]	0.0000	0.0000	-559.2940	704.2817	51.2963	0.0000
Beam 1: End 1: 37: SLU16 [Combination 16]	0.0000	0.0000	-543.4285	912.2459	85.7266	0.0000
Beam 1: End 1: 38: SLU17 [Combination 17]	0.0000	0.0000	-555.2527	883.5411	75.3404	0.0000

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Beam 1: End 1: 39: SLU18 [Combination 18]	0.0000	0.0000	-407.0970	636.4415	24.4643	0.0000
Beam 1: End 1: 40: SLU19 [Combination 19]	0.0000	0.0000	-553.1736	980.3472	85.7266	0.0000
Beam 1: End 1: 41: SLU20 [Combination 20]	0.0000	0.0000	-286.2867	573.2367	34.8505	0.0000
Beam 1: End 1: 42: SLU21 [Combination 21]	0.0000	0.0000	-594.2617	765.1356	34.8505	0.0000
Beam 1: End 1: 43: SLU22 [Combination 22]	0.0000	0.0000	-667.5861	597.6951	-34.0102	0.0000
Beam 1: End 1: 44: SLU23 [Combination 23]	0.0000	0.0000	-637.8862	818.2295	9.2692	0.0000
Beam 1: End 1: 45: SLU24 [Combination 24]	0.0000	0.0000	-605.4026	591.2254	9.2692	0.0000
Beam 1: End 1: 46: SLU25 [Combination 25]	0.0000	0.0000	-607.5225	888.3007	65.4486	0.0000
Beam 1: End 1: 47: SLU26 [Combination 26]	0.0000	0.0000	-568.7062	839.3054	60.4491	0.0000
Beam 1: End 1: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	-333.6559	600.9079	30.9968	0.0000
Beam 1: End 1: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	-322.7928	595.4340	30.9968	0.0000
Beam 1: End 1: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	-383.9865	566.7667	-7.7991	0.0000
Beam 1: End 1: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	-373.1234	561.2929	-7.7991	0.0000
Beam 1: End 1: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	-355.6729	553.8519	17.4182	0.0000
Beam 1: End 1: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	-319.4626	535.6057	17.4182	0.0000
Beam 1: End 1: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	-370.7721	543.6096	5.7794	0.0000
Beam 1: End 1: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	-334.5618	525.3633	5.7794	0.0000
Beam 1: End 1: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	-328.5662	593.3875	30.0430	0.0000
Beam 1: End 1: 57: SLU_SISMA10 [Combination 36]	0.0000	0.0000	-317.7031	587.9136	30.0430	0.0000
Beam 1: End 1: 58: SLU_SISMA11 [Combination 37]	0.0000	0.0000	-378.8968	559.2463	-8.7529	0.0000

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Beam 1: End 1: 59: SLU_SISMA12 [Combination 38]	0.0000	0.0000	-368.0337	553.7725	-8.7529
0.0000					
Beam 1: End 1: 60: SLU_SISMA13 [Combination 39]	0.0000	0.0000	-350.5831	546.3315	16.4644
0.0000					
Beam 1: End 1: 61: SLU_SISMA14 [Combination 40]	0.0000	0.0000	-314.3729	528.0853	16.4644
0.0000					
Beam 1: End 1: 62: SLU_SISMA15 [Combination 41]	0.0000	0.0000	-365.6823	536.0892	4.8256
0.0000					
Beam 1: End 1: 63: SLU_SISMA16 [Combination 42]	0.0000	0.0000	-329.4721	517.8429	4.8256
0.0000					
Beam 1: End 1: 64: SLE_RARA01 [Combination 43]	0.0000	0.0000	-481.6231	440.9186	-28.8153
0.0000					
Beam 1: End 1: 65: SLE_RARA02 [Combination 44]	0.0000	0.0000	-410.3763	518.2111	29.4377
0.0000					
Beam 1: End 1: 66: SLE_RARA03 [Combination 45]	0.0000	0.0000	-407.2739	726.5485	51.3967
0.0000					
Beam 1: End 1: 67: SLE_RARA04 [Combination 46]	0.0000	0.0000	-456.1509	424.6195	-27.7584
0.0000					
Beam 1: End 1: 68: SLE_RARA05 [Combination 47]	0.0000	0.0000	-387.0179	495.8125	28.3808
0.0000					
Beam 1: End 1: 69: SLE_RARA06 [Combination 48]	0.0000	0.0000	-386.9149	696.4669	47.5815
0.0000					
Beam 1: End 1: 70: SLE_RARA07 [Combination 49]	0.0000	0.0000	-441.7350	676.1850	43.9305
0.0000					
Beam 1: End 1: 71: SLE_RARA08 [Combination 50]	0.0000	0.0000	-414.9651	642.3952	40.4826
0.0000					
Beam 1: End 1: 72: SLE_QPERM01 [Combination 51]	0.0000	0.0000	-304.2814	367.2409	0.3112
0.0000					
Beam 1: End 1: 73: SLE_FREQ01 [Combination 52]	0.0000	0.0000	-412.5811	620.7150	36.9221
0.0000					
Beam 1: End 1: 74: SLE_FREQ02 [Combination 53]	0.0000	0.0000	-391.1652	593.6831	34.1638
0.0000					

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Beam 1: End 1: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	714.4500	1034.8700	92.6417	0.0000
Beam 1: End 1: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	714.4500	1034.8700	92.6417	0.0000
Beam 1: End 1: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	383.9865	600.9079	30.9968	0.0000
Beam 1: End 1: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	481.6231	726.5485	51.3967	0.0000
Beam 1: End 1: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	412.5811	620.7150	36.9221	0.0000
Beam 1: End 1: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	304.2814	367.2409	0.3112	0.0000
Beam 1: End 2: 1: PP	0.0000	0.0000	-210.9101	155.8214	0.0000	0.0000
Beam 1: End 2: 2: PERM	0.0000	0.0000	-54.5781	22.2217	0.0000	0.0000
Beam 1: End 2: 3: SPTSX	0.0000	0.0000	3.4143	209.4994	29.6749	0.0000
Beam 1: End 2: 4: SPTDX	0.0000	0.0000	-27.8419	-89.7120	-29.6749	0.0000
Beam 1: End 2: 5: SPTW	0.0000	0.0000	5.6924	-4.1522	0.3112	0.0000
Beam 1: End 2: 6: ACC_LM71	0.0000	0.0000	-152.3336	43.7932	0.0000	0.0000
Beam 1: End 2: 7: ACC_SW2	0.0000	0.0000	-126.0889	36.2483	0.0000	0.0000
Beam 1: End 2: 8: SPACCSX_LM71	0.0000	0.0000	6.4844	114.7496	20.0301	0.0000
Beam 1: End 2: 9: SPACCDX_LM71	0.0000	0.0000	-17.8233	-60.7400	-20.0301	0.0000
Beam 1: End 2: 10: SPACCSX_SW2	0.0000	0.0000	5.3690	94.9926	16.5822	0.0000
Beam 1: End 2: 11: SPACCDX_SW2	0.0000	0.0000	-14.7551	-50.2846	-16.5822	0.0000
Beam 1: End 2: 12: AVV_LM71	0.0000	0.0000	29.2605	113.2617	36.4081	0.0000
Beam 1: End 2: 13: FREN_SW2	0.0000	0.0000	28.1988	109.1519	35.0870	0.0000
Beam 1: End 2: 14: SERP	0.0000	0.0000	0.0890	0.3445	0.1107	0.0000
Beam 1: End 2: 15: TERM	0.0000	0.0000	10.9695	-72.9429	0.0000	0.0000
Beam 1: End 2: 16: RITIRO	0.0000	0.0000	-8.1906	54.4641	0.0000	0.0000
Beam 1: End 2: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Beam 1: End 2: 18: SISMA_H	0.0000	0.0000	42.8403	190.8236	56.3230	0.0000
Beam 1: End 2: 19: SISMA_V	0.0000	0.0000	-16.6312	4.7812	0.0000	0.0000
Beam 1: End 2: 20: SPSSX	0.0000	0.0000	9.5866	224.2515	36.9250	0.0000
Beam 1: End 2: 21: SPSSDX	0.0000	0.0000	-33.2736	-111.6164	-36.9250	0.0000

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Beam 1: End 2: 22: SLU01 [Combination 1]	0.0000	0.0000	-554.3847	753.4432	82.1465	0.0000
Beam 1: End 2: 23: SLU02 [Combination 2]	0.0000	0.0000	-583.4883	718.0618	53.1029	0.0000
Beam 1: End 2: 24: SLU03 [Combination 3]	0.0000	0.0000	-561.7947	585.6030	53.2119	0.0000
Beam 1: End 2: 25: SLU04 [Combination 4]	0.0000	0.0000	-551.1974	825.3147	92.6417	0.0000
Beam 1: End 2: 26: SLU05 [Combination 5]	0.0000	0.0000	-560.9420	793.9155	82.2555	0.0000
Beam 1: End 2: 27: SLU06 [Combination 6]	0.0000	0.0000	-382.4860	566.1859	29.4637	0.0000
Beam 1: End 2: 28: SLU07 [Combination 7]	0.0000	0.0000	-561.0699	890.9633	92.6417	0.0000
Beam 1: End 2: 29: SLU08 [Combination 8]	0.0000	0.0000	-271.6338	531.9367	39.8500	0.0000
Beam 1: End 2: 30: SLU09 [Combination 9]	0.0000	0.0000	-593.5812	660.7934	39.8500	0.0000
Beam 1: End 2: 31: SLU10 [Combination 10]	0.0000	0.0000	-659.5122	432.9068	-39.0097	0.0000
Beam 1: End 2: 32: SLU11 [Combination 11]	0.0000	0.0000	-632.7282	697.8551	13.2688	0.0000
Beam 1: End 2: 33: SLU12 [Combination 12]	0.0000	0.0000	-599.8197	479.0263	13.2688	0.0000
Beam 1: End 2: 34: SLU13 [Combination 13]	0.0000	0.0000	-519.4866	707.8961	75.2315	0.0000
Beam 1: End 2: 35: SLU14 [Combination 14]	0.0000	0.0000	-546.9729	701.1624	51.1873	0.0000
Beam 1: End 2: 36: SLU15 [Combination 15]	0.0000	0.0000	-525.2793	568.7036	51.2963	0.0000
Beam 1: End 2: 37: SLU16 [Combination 16]	0.0000	0.0000	-516.2993	779.7677	85.7266	0.0000
Beam 1: End 2: 38: SLU17 [Combination 17]	0.0000	0.0000	-526.0440	748.3684	75.3404	0.0000
Beam 1: End 2: 39: SLU18 [Combination 18]	0.0000	0.0000	-384.1033	537.5382	24.4643	0.0000
Beam 1: End 2: 40: SLU19 [Combination 19]	0.0000	0.0000	-526.1719	845.4163	85.7266	0.0000
Beam 1: End 2: 41: SLU20 [Combination 20]	0.0000	0.0000	-273.2511	503.2890	34.8505	0.0000
Beam 1: End 2: 42: SLU21 [Combination 21]	0.0000	0.0000	-557.1436	621.2057	34.8505	0.0000
Beam 1: End 2: 43: SLU22 [Combination 22]	0.0000	0.0000	-617.0084	437.1271	-34.0102	0.0000
Beam 1: End 2: 44: SLU23 [Combination 23]	0.0000	0.0000	-595.9671	663.9968	9.2692	0.0000
Beam 1: End 2: 45: SLU24 [Combination 24]	0.0000	0.0000	-563.0586	445.1680	9.2692	0.0000
Beam 1: End 2: 46: SLU25 [Combination 25]	0.0000	0.0000	-573.0520	740.7199	65.4486	0.0000
Beam 1: End 2: 47: SLU26 [Combination 26]	0.0000	0.0000	-536.6144	701.1321	60.4491	0.0000
Beam 1: End 2: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	-316.6392	519.6162	30.9968	0.0000
Beam 1: End 2: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	-306.6605	516.7475	30.9968	0.0000

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Beam 1: End 2: 50: SLU_SISMA03 [Combination 29] 0.0000	0.0000	0.0000	-359.4595	473.8369	-7.7991
Beam 1: End 2: 51: SLU_SISMA04 [Combination 30] 0.0000	0.0000	0.0000	-349.4808	470.9682	-7.7991
Beam 1: End 2: 52: SLU_SISMA05 [Combination 31] 0.0000	0.0000	0.0000	-334.9777	467.5180	17.4182
Beam 1: End 2: 53: SLU_SISMA06 [Combination 32] 0.0000	0.0000	0.0000	-301.7153	457.9557	17.4182
Beam 1: End 2: 54: SLU_SISMA07 [Combination 33] 0.0000	0.0000	0.0000	-347.8238	453.7842	5.7794
Beam 1: End 2: 55: SLU_SISMA08 [Combination 34] 0.0000	0.0000	0.0000	-314.5614	444.2219	5.7794
Beam 1: End 2: 56: SLU_SISMA09 [Combination 35] 0.0000	0.0000	0.0000	-311.8257	513.3339	30.0430
Beam 1: End 2: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	-301.8470	510.4652	30.0430
Beam 1: End 2: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	-354.6460	467.5546	-8.7529
Beam 1: End 2: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	-344.6673	464.6859	-8.7529
Beam 1: End 2: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	-330.1642	461.2357	16.4644
Beam 1: End 2: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	-296.9018	451.6733	16.4644
Beam 1: End 2: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	-343.0103	447.5019	4.8256
Beam 1: End 2: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	-309.7479	437.9395	4.8256
Beam 1: End 2: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	-445.1516	325.0769	-28.8153
Beam 1: End 2: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	-385.1714	418.7641	29.4377

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Beam 1: End 2: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	-386.6983	627.2941	51.3967	
Beam 1: End 2: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	-421.7442	314.8876	-27.7584	
Beam 1: End 2: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	-363.4627	401.9991	28.3808	
Beam 1: End 2: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	-367.4442	602.1647	47.5815	
Beam 1: End 2: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	-416.8976	568.8497	43.9305	
Beam 1: End 2: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	-391.7683	541.5478	40.4826	
Beam 1: End 2: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	-284.2234	293.6783	0.3112	
Beam 1: End 2: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	-389.0438	520.5067	36.9221	
Beam 1: End 2: 74: SLE_FREQ02 [Combination 53] 0.0000	0.0000	0.0000	-368.9403	498.6651	34.1638	
Beam 1: End 2: 75: SLU/SLV [Absolute Envelope 1] 0.0000	0.0000	0.0000	659.5122	890.9633	92.6417	
Beam 1: End 2: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	659.5122	890.9633	92.6417	0.0000
Beam 1: End 2: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	359.4595	519.6162	30.9968	0.0000
Beam 1: End 2: 78: SLE R [Absolute Envelope 4] 0.0000	0.0000	0.0000	445.1516	627.2941	51.3967	
Beam 1: End 2: 79: SLE F [Absolute Envelope 5] 0.0000	0.0000	0.0000	389.0438	520.5067	36.9221	
Beam 1: End 2: 80: SLE QP [Absolute Envelope 6] 0.0000	0.0000	0.0000	284.2234	293.6783	0.3112	
Beam 2: End 1: 1: PP	0.0000	0.0000	-210.9101	155.8214	0.0000	0.0000
Beam 2: End 1: 2: PERM	0.0000	0.0000	-54.5781	22.2217	0.0000	0.0000
Beam 2: End 1: 3: SPTSX	0.0000	0.0000	3.4143	209.4994	29.6749	0.0000
Beam 2: End 1: 4: SPTDX	0.0000	0.0000	-27.8419	-89.7120	-29.6749	0.0000

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto</p> <p>IN17</p>	<p>Lotto</p> <p>12</p>	<p>Codifica</p> <p>EI2CLSL1000001</p>	<p>A</p>

Beam 2: End 1: 5: SPTW	0.0000	0.0000	5.6924	-4.1522	0.3112	0.0000	
Beam 2: End 1: 6: ACC_LM71	0.0000	0.0000	-152.3336	43.7932	0.0000	0.0000	
Beam 2: End 1: 7: ACC_SW2	0.0000	0.0000	-126.0889	36.2483	0.0000	0.0000	
Beam 2: End 1: 8: SPACCSX_LM71	0.0000	0.0000	6.4844	114.7496	20.0301	0.0000	
Beam 2: End 1: 9: SPACCDX_LM71	0.0000	0.0000	-17.8233	-60.7400	-20.0301	0.0000	
Beam 2: End 1: 10: SPACCSX_SW2	0.0000	0.0000	5.3690	94.9926	16.5822	0.0000	
Beam 2: End 1: 11: SPACCDX_SW2	0.0000	0.0000	-14.7551	-50.2846	-16.5822	0.0000	
Beam 2: End 1: 12: AVV_LM71	0.0000	0.0000	29.2605	113.2617	36.4081	0.0000	
Beam 2: End 1: 13: FREN_SW2	0.0000	0.0000	28.1988	109.1519	35.0870	0.0000	
Beam 2: End 1: 14: SERP	0.0000	0.0000	0.0890	0.3445	0.1107	0.0000	
Beam 2: End 1: 15: TERM	0.0000	0.0000	10.9695	-72.9429	0.0000	0.0000	
Beam 2: End 1: 16: RITIRO	0.0000	0.0000	-8.1906	54.4641	0.0000	0.0000	
Beam 2: End 1: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Beam 2: End 1: 18: SISMA_H	0.0000	0.0000	42.8403	190.8236	56.3230	0.0000	
Beam 2: End 1: 19: SISMA_V	0.0000	0.0000	-16.6312	4.7812	0.0000	0.0000	
Beam 2: End 1: 20: SPSSX	0.0000	0.0000	9.5866	224.2515	36.9250	0.0000	
Beam 2: End 1: 21: SPSPDX	0.0000	0.0000	-33.2736	-111.6164	-36.9250	0.0000	
Beam 2: End 1: 22: SLU01 [Combination 1]	0.0000	0.0000	-554.3847	753.4432	82.1465	0.0000	
Beam 2: End 1: 23: SLU02 [Combination 2]	0.0000	0.0000	-583.4883	718.0618	53.1029	0.0000	
Beam 2: End 1: 24: SLU03 [Combination 3]	0.0000	0.0000	-561.7947	585.6030	53.2119	0.0000	
Beam 2: End 1: 25: SLU04 [Combination 4]	0.0000	0.0000	-551.1974	825.3147	92.6417	0.0000	
Beam 2: End 1: 26: SLU05 [Combination 5]	0.0000	0.0000	-560.9420	793.9155	82.2555	0.0000	
Beam 2: End 1: 27: SLU06 [Combination 6]	0.0000	0.0000	-382.4860	566.1859	29.4637	0.0000	
Beam 2: End 1: 28: SLU07 [Combination 7]	0.0000	0.0000	-561.0699	890.9633	92.6417	0.0000	
Beam 2: End 1: 29: SLU08 [Combination 8]	0.0000	0.0000	-271.6338	531.9367	39.8500	0.0000	
Beam 2: End 1: 30: SLU09 [Combination 9]	0.0000	0.0000	-593.5812	660.7934	39.8500	0.0000	
Beam 2: End 1: 31: SLU10 [Combination 10]	0.0000	0.0000	-659.5122	432.9068	-39.0097	0.0000	
Beam 2: End 1: 32: SLU11 [Combination 11]	0.0000	0.0000	-632.7282	697.8551	13.2688	0.0000	
Beam 2: End 1: 33: SLU12 [Combination 12]	0.0000	0.0000	-599.8197	479.0263	13.2688	0.0000	
Beam 2: End 1: 34: SLU13 [Combination 13]	0.0000	0.0000	-519.4866	707.8961	75.2315	0.0000	

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Beam 2: End 1: 35: SLU14 [Combination 14]	0.0000	0.0000	-546.9729	701.1624	51.1873	0.0000
Beam 2: End 1: 36: SLU15 [Combination 15]	0.0000	0.0000	-525.2793	568.7036	51.2963	0.0000
Beam 2: End 1: 37: SLU16 [Combination 16]	0.0000	0.0000	-516.2993	779.7677	85.7266	0.0000
Beam 2: End 1: 38: SLU17 [Combination 17]	0.0000	0.0000	-526.0440	748.3684	75.3404	0.0000
Beam 2: End 1: 39: SLU18 [Combination 18]	0.0000	0.0000	-384.1033	537.5382	24.4643	0.0000
Beam 2: End 1: 40: SLU19 [Combination 19]	0.0000	0.0000	-526.1719	845.4163	85.7266	0.0000
Beam 2: End 1: 41: SLU20 [Combination 20]	0.0000	0.0000	-273.2511	503.2890	34.8505	0.0000
Beam 2: End 1: 42: SLU21 [Combination 21]	0.0000	0.0000	-557.1436	621.2057	34.8505	0.0000
Beam 2: End 1: 43: SLU22 [Combination 22]	0.0000	0.0000	-617.0084	437.1271	-34.0102	0.0000
Beam 2: End 1: 44: SLU23 [Combination 23]	0.0000	0.0000	-595.9671	663.9968	9.2692	0.0000
Beam 2: End 1: 45: SLU24 [Combination 24]	0.0000	0.0000	-563.0586	445.1680	9.2692	0.0000
Beam 2: End 1: 46: SLU25 [Combination 25]	0.0000	0.0000	-573.0520	740.7199	65.4486	0.0000
Beam 2: End 1: 47: SLU26 [Combination 26]	0.0000	0.0000	-536.6144	701.1321	60.4491	0.0000
Beam 2: End 1: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	-316.6392	519.6162	30.9968	0.0000
Beam 2: End 1: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	-306.6605	516.7475	30.9968	0.0000
Beam 2: End 1: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	-359.4595	473.8369	-7.7991	0.0000
Beam 2: End 1: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	-349.4808	470.9682	-7.7991	0.0000
Beam 2: End 1: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	-334.9777	467.5180	17.4182	0.0000
Beam 2: End 1: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	-301.7153	457.9557	17.4182	0.0000
Beam 2: End 1: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	-347.8238	453.7842	5.7794	0.0000
Beam 2: End 1: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	-314.5614	444.2219	5.7794	0.0000
Beam 2: End 1: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	-311.8257	513.3339	30.0430	0.0000

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Beam 2: End 1: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	-301.8470	510.4652	30.0430
Beam 2: End 1: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	-354.6460	467.5546	-8.7529
Beam 2: End 1: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	-344.6673	464.6859	-8.7529
Beam 2: End 1: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	-330.1642	461.2357	16.4644
Beam 2: End 1: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	-296.9018	451.6733	16.4644
Beam 2: End 1: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	-343.0103	447.5019	4.8256
Beam 2: End 1: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	-309.7479	437.9395	4.8256
Beam 2: End 1: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	-445.1516	325.0769	-28.8153
Beam 2: End 1: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	-385.1714	418.7641	29.4377
Beam 2: End 1: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	-386.6983	627.2941	51.3967
Beam 2: End 1: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	-421.7442	314.8876	-27.7584
Beam 2: End 1: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	-363.4627	401.9991	28.3808
Beam 2: End 1: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	-367.4442	602.1647	47.5815
Beam 2: End 1: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	-416.8976	568.8497	43.9305
Beam 2: End 1: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	-391.7683	541.5478	40.4826
Beam 2: End 1: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	-284.2234	293.6783	0.3112

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto</p> <p>IN17</p>	<p>Lotto</p> <p>12</p>	<p>Codifica</p> <p>EI2CLSL1000001</p>	<p>A</p>



Beam 2: End 2: 18: SISMA_H	0.0000	0.0000	32.1875	200.1932	56.3230	0.0000	
Beam 2: End 2: 19: SISMA_V	0.0000	0.0000	-15.1604	0.8073	0.0000	0.0000	
Beam 2: End 2: 20: SPSSX	0.0000	0.0000	2.5355	225.7606	36.9250	0.0000	
Beam 2: End 2: 21: SPSDX	0.0000	0.0000	-26.2563	-119.0518	-36.9250	0.0000	
Beam 2: End 2: 22: SLU01 [Combination 1]	0.0000	0.0000	-522.4716	618.8251	82.1465	0.0000	0.0000
Beam 2: End 2: 23: SLU02 [Combination 2]	0.0000	0.0000	-546.2520	576.8372	53.1029	0.0000	0.0000
Beam 2: End 2: 24: SLU03 [Combination 3]	0.0000	0.0000	-524.4764	449.8128	53.2119	0.0000	0.0000
Beam 2: End 2: 25: SLU04 [Combination 4]	0.0000	0.0000	-521.4374	691.2224	92.6417	0.0000	0.0000
Beam 2: End 2: 26: SLU05 [Combination 5]	0.0000	0.0000	-529.1828	657.6386	82.2555	0.0000	0.0000
Beam 2: End 2: 27: SLU06 [Combination 6]	0.0000	0.0000	-360.2924	473.3347	29.4637	0.0000	0.0000
Beam 2: End 2: 28: SLU07 [Combination 7]	0.0000	0.0000	-531.4188	754.3890	92.6417	0.0000	0.0000
Beam 2: End 2: 29: SLU08 [Combination 8]	0.0000	0.0000	-259.2975	465.5643	39.8500	0.0000	0.0000
Beam 2: End 2: 30: SLU09 [Combination 9]	0.0000	0.0000	-553.8531	517.3595	39.8500	0.0000	0.0000
Beam 2: End 2: 31: SLU10 [Combination 10]	0.0000	0.0000	-604.9278	274.8593	-39.0097	0.0000	0.0000
Beam 2: End 2: 32: SLU11 [Combination 11]	0.0000	0.0000	-588.1649	545.2422	13.2688	0.0000	0.0000
Beam 2: End 2: 33: SLU12 [Combination 12]	0.0000	0.0000	-554.8937	334.6872	13.2688	0.0000	0.0000
Beam 2: End 2: 34: SLU13 [Combination 13]	0.0000	0.0000	-489.6234	581.7473	75.2315	0.0000	0.0000
Beam 2: End 2: 35: SLU14 [Combination 14]	0.0000	0.0000	-512.7402	568.6914	51.1873	0.0000	0.0000
Beam 2: End 2: 36: SLU15 [Combination 15]	0.0000	0.0000	-490.9647	441.6670	51.2963	0.0000	0.0000
Beam 2: End 2: 37: SLU16 [Combination 16]	0.0000	0.0000	-488.5893	654.1447	85.7266	0.0000	0.0000
Beam 2: End 2: 38: SLU17 [Combination 17]	0.0000	0.0000	-496.3346	620.5609	75.3404	0.0000	0.0000
Beam 2: End 2: 39: SLU18 [Combination 18]	0.0000	0.0000	-360.9560	444.4027	24.4643	0.0000	0.0000
Beam 2: End 2: 40: SLU19 [Combination 19]	0.0000	0.0000	-498.5706	717.3112	85.7266	0.0000	0.0000
Beam 2: End 2: 41: SLU20 [Combination 20]	0.0000	0.0000	-259.9611	436.6323	34.8505	0.0000	0.0000
Beam 2: End 2: 42: SLU21 [Combination 21]	0.0000	0.0000	-519.8271	486.5803	34.8505	0.0000	0.0000
Beam 2: End 2: 43: SLU22 [Combination 22]	0.0000	0.0000	-566.7388	289.1652	-34.0102	0.0000	0.0000
Beam 2: End 2: 44: SLU23 [Combination 23]	0.0000	0.0000	-554.0062	520.2494	9.2692	0.0000	0.0000
Beam 2: End 2: 45: SLU24 [Combination 24]	0.0000	0.0000	-520.7349	309.6944	9.2692	0.0000	0.0000
Beam 2: End 2: 46: SLU25 [Combination 25]	0.0000	0.0000	-538.1576	601.8100	65.4486	0.0000	0.0000
Beam 2: End 2: 47: SLU26 [Combination 26]	0.0000	0.0000	-504.1316	571.0308	60.4491	0.0000	0.0000

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Beam 2: End 2: 48: SLU_SISMA01 [Combination 27] 0.0000	0.0000	0.0000	-299.3992	442.6069	30.9968
Beam 2: End 2: 49: SLU_SISMA02 [Combination 28] 0.0000	0.0000	0.0000	-290.3029	442.1225	30.9968
Beam 2: End 2: 50: SLU_SISMA03 [Combination 29] 0.0000	0.0000	0.0000	-334.9824	387.0328	-7.7991
Beam 2: End 2: 51: SLU_SISMA04 [Combination 30] 0.0000	0.0000	0.0000	-325.8861	386.5485	-7.7991
Beam 2: End 2: 52: SLU_SISMA05 [Combination 31] 0.0000	0.0000	0.0000	-314.1633	386.3730	17.4182
Beam 2: End 2: 53: SLU_SISMA06 [Combination 32] 0.0000	0.0000	0.0000	-283.8425	384.7585	17.4182
Beam 2: End 2: 54: SLU_SISMA07 [Combination 33] 0.0000	0.0000	0.0000	-324.8383	369.7008	5.7794
Beam 2: End 2: 55: SLU_SISMA08 [Combination 34] 0.0000	0.0000	0.0000	-294.5174	368.0862	5.7794
Beam 2: End 2: 56: SLU_SISMA09 [Combination 35] 0.0000	0.0000	0.0000	-294.8684	437.4927	30.0430
Beam 2: End 2: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	-285.7722	437.0084	30.0430
Beam 2: End 2: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	-330.4516	381.9186	-8.7529
Beam 2: End 2: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	-321.3553	381.4343	-8.7529
Beam 2: End 2: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	-309.6326	381.2588	16.4644
Beam 2: End 2: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	-279.3117	379.6443	16.4644
Beam 2: End 2: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	-320.3075	364.5866	4.8256
Beam 2: End 2: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	-289.9866	362.9721	4.8256

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
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Beam 2: End 2: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	-408.9312	218.3219	-28.8153	
Beam 2: End 2: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	-359.8048	325.6388	29.4377	
Beam 2: End 2: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	-365.7530	533.2301	51.3967	
Beam 2: End 2: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	-387.5778	213.7274	-27.7584	
Beam 2: End 2: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	-339.7510	314.0942	28.3808	
Beam 2: End 2: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	-347.6299	512.7734	47.5815	
Beam 2: End 2: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	-391.7659	467.7607	43.9305	
Beam 2: End 2: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	-368.2997	446.5337	40.4826	
Beam 2: End 2: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	-264.1937	225.1268	0.3112	
Beam 2: End 2: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	-365.2631	426.2134	36.9221	
Beam 2: End 2: 74: SLE_FREQ02 [Combination 53] 0.0000	0.0000	0.0000	-346.4902	409.2317	34.1638	
Beam 2: End 2: 75: SLU/SLV [Absolute Envelope 1] 0.0000	0.0000	0.0000	604.9278	754.3890	92.6417	
Beam 2: End 2: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	604.9278	754.3890	92.6417	0.0000
Beam 2: End 2: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	334.9824	442.6069	30.9968	0.0000
Beam 2: End 2: 78: SLE R [Absolute Envelope 4] 0.0000	0.0000	0.0000	408.9312	533.2301	51.3967	
Beam 2: End 2: 79: SLE F [Absolute Envelope 5] 0.0000	0.0000	0.0000	365.2631	426.2134	36.9221	
Beam 2: End 2: 80: SLE QP [Absolute Envelope 6] 0.0000	0.0000	0.0000	264.1937	225.1268	0.3112	

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Beam 3: End 1: 1: PP	0.0000	0.0000	-195.0661	105.0753	0.0000	0.0000	
Beam 3: End 1: 2: PERM	0.0000	0.0000	-49.9528	9.1556	0.0000	0.0000	
Beam 3: End 1: 3: SPTSX	0.0000	0.0000	-2.3513	209.6271	29.6749	0.0000	
Beam 3: End 1: 4: SPTDX	0.0000	0.0000	-22.1296	-95.9537	-29.6749	0.0000	
Beam 3: End 1: 5: SPTW	0.0000	0.0000	5.3061	-2.7775	0.3112	0.0000	
Beam 3: End 1: 6: ACC_LM71	0.0000	0.0000	-138.8624	7.3943	0.0000	0.0000	
Beam 3: End 1: 7: ACC_SW2	0.0000	0.0000	-114.9385	6.1204	0.0000	0.0000	
Beam 3: End 1: 8: SPACCSX_LM71	0.0000	0.0000	2.6634	115.8898	20.0301	0.0000	
Beam 3: End 1: 9: SPACCDX_LM71	0.0000	0.0000	-14.0190	-64.7171	-20.0301	0.0000	
Beam 3: End 1: 10: SPACCSX_SW2	0.0000	0.0000	2.2058	95.9367	16.5822	0.0000	
Beam 3: End 1: 11: SPACCDX_SW2	0.0000	0.0000	-11.6057	-53.5770	-16.5822	0.0000	
Beam 3: End 1: 12: AVV_LM71	0.0000	0.0000	22.3862	119.7119	36.4081	0.0000	
Beam 3: End 1: 13: FREN_SW2	0.0000	0.0000	21.5739	115.3680	35.0870	0.0000	
Beam 3: End 1: 14: SERP	0.0000	0.0000	0.0681	0.3641	0.1107	0.0000	
Beam 3: End 1: 15: TERM	0.0000	0.0000	11.0904	-70.1850	0.0000	0.0000	
Beam 3: End 1: 16: RITIRO	0.0000	0.0000	-8.2808	52.4048	0.0000	0.0000	
Beam 3: End 1: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Beam 3: End 1: 18: SISMA_H	0.0000	0.0000	32.1875	200.1932	56.3230	0.0000	
Beam 3: End 1: 19: SISMA_V	0.0000	0.0000	-15.1604	0.8073	0.0000	0.0000	
Beam 3: End 1: 20: SPSSX	0.0000	0.0000	2.5355	225.7606	36.9250	0.0000	
Beam 3: End 1: 21: SPSPDX	0.0000	0.0000	-26.2563	-119.0518	-36.9250	0.0000	
Beam 3: End 1: 22: SLU01 [Combination 1]	0.0000	0.0000	0.0000	-522.4716	618.8251	82.1465	0.0000
Beam 3: End 1: 23: SLU02 [Combination 2]	0.0000	0.0000	0.0000	-546.2520	576.8372	53.1029	0.0000
Beam 3: End 1: 24: SLU03 [Combination 3]	0.0000	0.0000	0.0000	-524.4764	449.8128	53.2119	0.0000
Beam 3: End 1: 25: SLU04 [Combination 4]	0.0000	0.0000	0.0000	-521.4374	691.2224	92.6417	0.0000
Beam 3: End 1: 26: SLU05 [Combination 5]	0.0000	0.0000	0.0000	-529.1828	657.6386	82.2555	0.0000
Beam 3: End 1: 27: SLU06 [Combination 6]	0.0000	0.0000	0.0000	-360.2924	473.3347	29.4637	0.0000
Beam 3: End 1: 28: SLU07 [Combination 7]	0.0000	0.0000	0.0000	-531.4188	754.3890	92.6417	0.0000
Beam 3: End 1: 29: SLU08 [Combination 8]	0.0000	0.0000	0.0000	-259.2975	465.5643	39.8500	0.0000
Beam 3: End 1: 30: SLU09 [Combination 9]	0.0000	0.0000	0.0000	-553.8531	517.3595	39.8500	0.0000

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Beam 3: End 1: 31: SLU10 [Combination 10]	0.0000	0.0000	-604.9278	274.8593	-39.0097	0.0000
Beam 3: End 1: 32: SLU11 [Combination 11]	0.0000	0.0000	-588.1649	545.2422	13.2688	0.0000
Beam 3: End 1: 33: SLU12 [Combination 12]	0.0000	0.0000	-554.8937	334.6872	13.2688	0.0000
Beam 3: End 1: 34: SLU13 [Combination 13]	0.0000	0.0000	-489.6234	581.7473	75.2315	0.0000
Beam 3: End 1: 35: SLU14 [Combination 14]	0.0000	0.0000	-512.7402	568.6914	51.1873	0.0000
Beam 3: End 1: 36: SLU15 [Combination 15]	0.0000	0.0000	-490.9647	441.6670	51.2963	0.0000
Beam 3: End 1: 37: SLU16 [Combination 16]	0.0000	0.0000	-488.5893	654.1447	85.7266	0.0000
Beam 3: End 1: 38: SLU17 [Combination 17]	0.0000	0.0000	-496.3346	620.5609	75.3404	0.0000
Beam 3: End 1: 39: SLU18 [Combination 18]	0.0000	0.0000	-360.9560	444.4027	24.4643	0.0000
Beam 3: End 1: 40: SLU19 [Combination 19]	0.0000	0.0000	-498.5706	717.3112	85.7266	0.0000
Beam 3: End 1: 41: SLU20 [Combination 20]	0.0000	0.0000	-259.9611	436.6323	34.8505	0.0000
Beam 3: End 1: 42: SLU21 [Combination 21]	0.0000	0.0000	-519.8271	486.5803	34.8505	0.0000
Beam 3: End 1: 43: SLU22 [Combination 22]	0.0000	0.0000	-566.7388	289.1652	-34.0102	0.0000
Beam 3: End 1: 44: SLU23 [Combination 23]	0.0000	0.0000	-554.0062	520.2494	9.2692	0.0000
Beam 3: End 1: 45: SLU24 [Combination 24]	0.0000	0.0000	-520.7349	309.6944	9.2692	0.0000
Beam 3: End 1: 46: SLU25 [Combination 25]	0.0000	0.0000	-538.1576	601.8100	65.4486	0.0000
Beam 3: End 1: 47: SLU26 [Combination 26]	0.0000	0.0000	-504.1316	571.0308	60.4491	0.0000
Beam 3: End 1: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	-299.3992	442.6069	30.9968	0.0000
Beam 3: End 1: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	-290.3029	442.1225	30.9968	0.0000
Beam 3: End 1: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	-334.9824	387.0328	-7.7991	0.0000
Beam 3: End 1: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	-325.8861	386.5485	-7.7991	0.0000
Beam 3: End 1: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	-314.1633	386.3730	17.4182	0.0000
Beam 3: End 1: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	-283.8425	384.7585	17.4182	0.0000
Beam 3: End 1: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	-324.8383	369.7008	5.7794	0.0000

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Beam 3: End 1: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	-294.5174	368.0862	5.7794
0.0000					
Beam 3: End 1: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	-294.8684	437.4927	30.0430
0.0000					
Beam 3: End 1: 57: SLU_SISMA10 [Combination 36]	0.0000	0.0000	-285.7722	437.0084	30.0430
0.0000					
Beam 3: End 1: 58: SLU_SISMA11 [Combination 37]	0.0000	0.0000	-330.4516	381.9186	-8.7529
0.0000					
Beam 3: End 1: 59: SLU_SISMA12 [Combination 38]	0.0000	0.0000	-321.3553	381.4343	-8.7529
0.0000					
Beam 3: End 1: 60: SLU_SISMA13 [Combination 39]	0.0000	0.0000	-309.6326	381.2588	16.4644
0.0000					
Beam 3: End 1: 61: SLU_SISMA14 [Combination 40]	0.0000	0.0000	-279.3117	379.6443	16.4644
0.0000					
Beam 3: End 1: 62: SLU_SISMA15 [Combination 41]	0.0000	0.0000	-320.3075	364.5866	4.8256
0.0000					
Beam 3: End 1: 63: SLU_SISMA16 [Combination 42]	0.0000	0.0000	-289.9866	362.9721	4.8256
0.0000					
Beam 3: End 1: 64: SLE_RARA01 [Combination 43]	0.0000	0.0000	-408.9312	218.3219	-28.8153
0.0000					
Beam 3: End 1: 65: SLE_RARA02 [Combination 44]	0.0000	0.0000	-359.8048	325.6388	29.4377
0.0000					
Beam 3: End 1: 66: SLE_RARA03 [Combination 45]	0.0000	0.0000	-365.7530	533.2301	51.3967
0.0000					
Beam 3: End 1: 67: SLE_RARA04 [Combination 46]	0.0000	0.0000	-387.5778	213.7274	-27.7584
0.0000					
Beam 3: End 1: 68: SLE_RARA05 [Combination 47]	0.0000	0.0000	-339.7510	314.0942	28.3808
0.0000					
Beam 3: End 1: 69: SLE_RARA06 [Combination 48]	0.0000	0.0000	-347.6299	512.7734	47.5815
0.0000					
Beam 3: End 1: 70: SLE_RARA07 [Combination 49]	0.0000	0.0000	-391.7659	467.7607	43.9305
0.0000					

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Beam 3: End 1: 71: SLE_RARA08 [Combination 50]	0.0000	0.0000	-368.2997	446.5337	40.4826		
0.0000							
Beam 3: End 1: 72: SLE_QPERM01 [Combination 51]	0.0000	0.0000	-264.1937	225.1268	0.3112		
0.0000							
Beam 3: End 1: 73: SLE_FREQ01 [Combination 52]	0.0000	0.0000	-365.2631	426.2134	36.9221		
0.0000							
Beam 3: End 1: 74: SLE_FREQ02 [Combination 53]	0.0000	0.0000	-346.4902	409.2317	34.1638		
0.0000							
Beam 3: End 1: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	604.9278	754.3890	92.6417		
0.0000							
Beam 3: End 1: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	604.9278	754.3890	92.6417	0.0000	
Beam 3: End 1: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	334.9824	442.6069	30.9968	0.0000	
Beam 3: End 1: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	408.9312	533.2301	51.3967		
0.0000							
Beam 3: End 1: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	365.2631	426.2134	36.9221		
0.0000							
Beam 3: End 1: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	264.1937	225.1268	0.3112		
0.0000							
Beam 3: End 2: 1: PP	0.0000	0.0000	-87.3375	-137.4715	0.0000	0.0000	
Beam 3: End 2: 2: PERM	0.0000	0.0000	-18.4244	-49.5791	0.0000	0.0000	
Beam 3: End 2: 3: SPTSX	0.0000	0.0000	-35.6123	175.4206	29.6749	0.0000	
Beam 3: End 2: 4: SPTDX	0.0000	0.0000	11.1361	-103.9210	-29.6749	0.0000	
Beam 3: End 2: 5: SPTW	0.0000	0.0000	2.7812	4.1443	0.3112	0.0000	
Beam 3: End 2: 6: ACC_LM71	0.0000	0.0000	-46.9389	-152.2192	0.0000	0.0000	
Beam 3: End 2: 7: ACC_SW2	0.0000	0.0000	-38.8520	-125.9942	0.0000	0.0000	
Beam 3: End 2: 8: SPACCSX_LM71	0.0000	0.0000	-19.4646	100.4250	20.0301	0.0000	
Beam 3: End 2: 9: SPACCDX_LM71	0.0000	0.0000	8.1440	-68.7814	-20.0301	0.0000	
Beam 3: End 2: 10: SPACCSX_SW2	0.0000	0.0000	-16.1132	83.1354	16.5822	0.0000	
Beam 3: End 2: 11: SPACCDX_SW2	0.0000	0.0000	6.7422	-56.9415	-16.5822	0.0000	
Beam 3: End 2: 12: AVV_LM71	0.0000	0.0000	-17.7140	121.9576	36.4081	0.0000	
Beam 3: End 2: 13: FREN_SW2	0.0000	0.0000	-17.0713	117.5323	35.0870	0.0000	

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Beam 3: End 2: 14: SERP	0.0000	0.0000	-0.0539	0.3709	0.1107	0.0000	
Beam 3: End 2: 15: TERM	0.0000	0.0000	11.4810	-50.6774	0.0000	0.0000	
Beam 3: End 2: 16: RITIRO	0.0000	0.0000	-8.5725	37.8391	0.0000	0.0000	
Beam 3: End 2: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Beam 3: End 2: 18: SISMA_H	0.0000	0.0000	-29.8960	199.4057	56.3230	0.0000	
Beam 3: End 2: 19: SISMA_V	0.0000	0.0000	-5.1246	-16.6187	0.0000	0.0000	
Beam 3: End 2: 20: SPSSX	0.0000	0.0000	-38.2612	193.1549	36.9250	0.0000	
Beam 3: End 2: 21: SPSDX	0.0000	0.0000	14.6172	-127.2366	-36.9250	0.0000	
Beam 3: End 2: 22: SLU01 [Combination 1]	0.0000	0.0000	0.0000	-289.2077	-82.5743	82.1465	0.0000
Beam 3: End 2: 23: SLU02 [Combination 2]	0.0000	0.0000	0.0000	-281.6038	-137.1741	53.1029	0.0000
Beam 3: End 2: 24: SLU03 [Combination 3]	0.0000	0.0000	0.0000	-260.0106	-226.7401	53.2119	0.0000
Beam 3: End 2: 25: SLU04 [Combination 4]	0.0000	0.0000	0.0000	-300.6986	-19.7266	92.6417	0.0000
Beam 3: End 2: 26: SLU05 [Combination 5]	0.0000	0.0000	0.0000	-296.8010	-56.0990	82.2555	0.0000
Beam 3: End 2: 27: SLU06 [Combination 6]	0.0000	0.0000	0.0000	-203.0542	-12.2196	29.4637	0.0000
Beam 3: End 2: 28: SLU07 [Combination 7]	0.0000	0.0000	0.0000	-311.0315	25.8830	92.6417	0.0000
Beam 3: End 2: 29: SLU08 [Combination 8]	0.0000	0.0000	0.0000	-167.1715	97.0573	39.8500	0.0000
Beam 3: End 2: 30: SLU09 [Combination 9]	0.0000	0.0000	0.0000	-274.9673	-196.7679	39.8500	0.0000
Beam 3: End 2: 31: SLU10 [Combination 10]	0.0000	0.0000	0.0000	-239.2387	-448.6675	-39.0097	0.0000
Beam 3: End 2: 32: SLU11 [Combination 11]	0.0000	0.0000	0.0000	-280.5150	-202.0350	13.2688	0.0000
Beam 3: End 2: 33: SLU12 [Combination 12]	0.0000	0.0000	0.0000	-246.0720	-354.0671	13.2688	0.0000
Beam 3: End 2: 34: SLU13 [Combination 13]	0.0000	0.0000	0.0000	-271.6902	-76.0347	75.2315	0.0000
Beam 3: End 2: 35: SLU14 [Combination 14]	0.0000	0.0000	0.0000	-268.9459	-105.5645	51.1873	0.0000
Beam 3: End 2: 36: SLU15 [Combination 15]	0.0000	0.0000	0.0000	-247.3526	-195.1306	51.2963	0.0000
Beam 3: End 2: 37: SLU16 [Combination 16]	0.0000	0.0000	0.0000	-283.1811	-13.1870	85.7266	0.0000
Beam 3: End 2: 38: SLU17 [Combination 17]	0.0000	0.0000	0.0000	-279.2835	-49.5594	75.3404	0.0000
Beam 3: End 2: 39: SLU18 [Combination 18]	0.0000	0.0000	0.0000	-198.1947	-37.2896	24.4643	0.0000
Beam 3: End 2: 40: SLU19 [Combination 19]	0.0000	0.0000	0.0000	-293.5140	32.4226	85.7266	0.0000
Beam 3: End 2: 41: SLU20 [Combination 20]	0.0000	0.0000	0.0000	-162.3120	71.9874	34.8505	0.0000
Beam 3: End 2: 42: SLU21 [Combination 21]	0.0000	0.0000	0.0000	-258.3818	-183.8115	34.8505	0.0000
Beam 3: End 2: 43: SLU22 [Combination 22]	0.0000	0.0000	0.0000	-229.5453	-393.4733	-34.0102	0.0000

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Beam 3: End 2: 44: SLU23 [Combination 23]	0.0000	0.0000	-264.9014	-184.0646	9.2692	0.0000
Beam 3: End 2: 45: SLU24 [Combination 24]	0.0000	0.0000	-230.4585	-336.0967	9.2692	0.0000
Beam 3: End 2: 46: SLU25 [Combination 25]	0.0000	0.0000	-287.4680	-110.8164	65.4486	0.0000
Beam 3: End 2: 47: SLU26 [Combination 26]	0.0000	0.0000	-270.8826	-97.8600	60.4491	0.0000
Beam 3: End 2: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	-175.4095	32.9873	30.9968	0.0000
Beam 3: End 2: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	-172.3348	42.9585	30.9968	0.0000
Beam 3: End 2: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	-168.4960	-45.4327	-7.7991	0.0000
Beam 3: End 2: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	-165.4212	-35.4615	-7.7991	0.0000
Beam 3: End 2: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	-168.3016	-29.1642	17.4182	0.0000
Beam 3: End 2: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	-158.0524	4.0732	17.4182	0.0000
Beam 3: End 2: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	-166.2275	-52.6902	5.7794	0.0000
Beam 3: End 2: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	-155.9783	-19.4528	5.7794	0.0000
Beam 3: End 2: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	-172.9933	33.8893	30.0430	0.0000
Beam 3: End 2: 57: SLU_SISMA10 [Combination 36]	0.0000	0.0000	-169.9186	43.8605	30.0430	0.0000
Beam 3: End 2: 58: SLU_SISMA11 [Combination 37]	0.0000	0.0000	-166.0798	-44.5307	-8.7529	0.0000
Beam 3: End 2: 59: SLU_SISMA12 [Combination 38]	0.0000	0.0000	-163.0050	-34.5595	-8.7529	0.0000
Beam 3: End 2: 60: SLU_SISMA13 [Combination 39]	0.0000	0.0000	-165.8854	-28.2622	16.4644	0.0000
Beam 3: End 2: 61: SLU_SISMA14 [Combination 40]	0.0000	0.0000	-155.6362	4.9752	16.4644	0.0000

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Beam 3: End 2: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	-163.8113	-51.7882	4.8256	
Beam 3: End 2: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	-153.5621	-18.5508	4.8256	
Beam 3: End 2: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	-166.7819	-275.0269	-28.8153	
Beam 3: End 2: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	-181.3472	-140.7075	29.4377	
Beam 3: End 2: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	-212.4392	33.7538	51.3967	
Beam 3: End 2: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	-159.2669	-254.8663	-27.7584	
Beam 3: End 2: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	-172.8038	-127.6275	28.3808	
Beam 3: End 2: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	-202.7744	37.3618	47.5815	
Beam 3: End 2: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	-211.5658	-52.8732	43.9305	
Beam 3: End 2: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	-200.1275	-43.9378	40.4826	
Beam 3: End 2: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	-127.4569	-111.4067	0.3112	
Beam 3: End 2: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	-195.6762	-57.6394	36.9221	
Beam 3: End 2: 74: SLE_FREQ02 [Combination 53] 0.0000	0.0000	0.0000	-186.5256	-50.4910	34.1638	
Beam 3: End 2: 75: SLU/SLV [Absolute Envelope 1] 0.0000	0.0000	0.0000	311.0315	448.6675	92.6417	
Beam 3: End 2: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	311.0315	448.6675	92.6417	0.0000
Beam 3: End 2: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	175.4095	52.6902	30.9968	0.0000
Beam 3: End 2: 78: SLE R [Absolute Envelope 4] 0.0000	0.0000	0.0000	212.4392	275.0269	51.3967	

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Beam 3: End 2: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	195.6762	57.6394	36.9221	
0.0000						
Beam 3: End 2: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	127.4569	111.4067	0.3112	
0.0000						
Beam 4: End 1: 1: PP	0.0000	0.0000	-87.3375	-137.4715	0.0000	0.0000
Beam 4: End 1: 2: PERM	0.0000	0.0000	-18.4244	-49.5791	0.0000	0.0000
Beam 4: End 1: 3: SPTSX	0.0000	0.0000	-35.6123	175.4206	29.6749	0.0000
Beam 4: End 1: 4: SPTDX	0.0000	0.0000	11.1361	-103.9210	-29.6749	0.0000
Beam 4: End 1: 5: SPTW	0.0000	0.0000	2.7812	4.1443	0.3112	0.0000
Beam 4: End 1: 6: ACC_LM71	0.0000	0.0000	-46.9389	-152.2192	0.0000	0.0000
Beam 4: End 1: 7: ACC_SW2	0.0000	0.0000	-38.8520	-125.9942	0.0000	0.0000
Beam 4: End 1: 8: SPACCSX_LM71	0.0000	0.0000	-19.4646	100.4250	20.0301	0.0000
Beam 4: End 1: 9: SPACCDX_LM71	0.0000	0.0000	8.1440	-68.7814	-20.0301	0.0000
Beam 4: End 1: 10: SPACCSX_SW2	0.0000	0.0000	-16.1132	83.1354	16.5822	0.0000
Beam 4: End 1: 11: SPACCDX_SW2	0.0000	0.0000	6.7422	-56.9415	-16.5822	0.0000
Beam 4: End 1: 12: AVV_LM71	0.0000	0.0000	-17.7140	121.9576	36.4081	0.0000
Beam 4: End 1: 13: FREN_SW2	0.0000	0.0000	-17.0713	117.5323	35.0870	0.0000
Beam 4: End 1: 14: SERP	0.0000	0.0000	-0.0539	0.3709	0.1107	0.0000
Beam 4: End 1: 15: TERM	0.0000	0.0000	11.4810	-50.6774	0.0000	0.0000
Beam 4: End 1: 16: RITIRO	0.0000	0.0000	-8.5725	37.8391	0.0000	0.0000
Beam 4: End 1: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Beam 4: End 1: 18: SISMA_H	0.0000	0.0000	-29.8960	199.4057	56.3230	0.0000
Beam 4: End 1: 19: SISMA_V	0.0000	0.0000	-5.1246	-16.6187	0.0000	0.0000
Beam 4: End 1: 20: SPSSX	0.0000	0.0000	-38.2612	193.1549	36.9250	0.0000
Beam 4: End 1: 21: SPSDX	0.0000	0.0000	14.6172	-127.2366	-36.9250	0.0000
Beam 4: End 1: 22: SLU01 [Combination 1]	0.0000	0.0000	-289.2077	-82.5743	82.1465	0.0000
Beam 4: End 1: 23: SLU02 [Combination 2]	0.0000	0.0000	-281.6038	-137.1741	53.1029	0.0000
Beam 4: End 1: 24: SLU03 [Combination 3]	0.0000	0.0000	-260.0106	-226.7401	53.2119	0.0000
Beam 4: End 1: 25: SLU04 [Combination 4]	0.0000	0.0000	-300.6986	-19.7266	92.6417	0.0000
Beam 4: End 1: 26: SLU05 [Combination 5]	0.0000	0.0000	-296.8010	-56.0990	82.2555	0.0000
Beam 4: End 1: 27: SLU06 [Combination 6]	0.0000	0.0000	-203.0542	-12.2196	29.4637	0.0000

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Beam 4: End 1: 28: SLU07 [Combination 7]	0.0000	0.0000	-311.0315	25.8830	92.6417	0.0000
Beam 4: End 1: 29: SLU08 [Combination 8]	0.0000	0.0000	-167.1715	97.0573	39.8500	0.0000
Beam 4: End 1: 30: SLU09 [Combination 9]	0.0000	0.0000	-274.9673	-196.7679	39.8500	0.0000
Beam 4: End 1: 31: SLU10 [Combination 10]	0.0000	0.0000	-239.2387	-448.6675	-39.0097	0.0000
Beam 4: End 1: 32: SLU11 [Combination 11]	0.0000	0.0000	-280.5150	-202.0350	13.2688	0.0000
Beam 4: End 1: 33: SLU12 [Combination 12]	0.0000	0.0000	-246.0720	-354.0671	13.2688	0.0000
Beam 4: End 1: 34: SLU13 [Combination 13]	0.0000	0.0000	-271.6902	-76.0347	75.2315	0.0000
Beam 4: End 1: 35: SLU14 [Combination 14]	0.0000	0.0000	-268.9459	-105.5645	51.1873	0.0000
Beam 4: End 1: 36: SLU15 [Combination 15]	0.0000	0.0000	-247.3526	-195.1306	51.2963	0.0000
Beam 4: End 1: 37: SLU16 [Combination 16]	0.0000	0.0000	-283.1811	-13.1870	85.7266	0.0000
Beam 4: End 1: 38: SLU17 [Combination 17]	0.0000	0.0000	-279.2835	-49.5594	75.3404	0.0000
Beam 4: End 1: 39: SLU18 [Combination 18]	0.0000	0.0000	-198.1947	-37.2896	24.4643	0.0000
Beam 4: End 1: 40: SLU19 [Combination 19]	0.0000	0.0000	-293.5140	32.4226	85.7266	0.0000
Beam 4: End 1: 41: SLU20 [Combination 20]	0.0000	0.0000	-162.3120	71.9874	34.8505	0.0000
Beam 4: End 1: 42: SLU21 [Combination 21]	0.0000	0.0000	-258.3818	-183.8115	34.8505	0.0000
Beam 4: End 1: 43: SLU22 [Combination 22]	0.0000	0.0000	-229.5453	-393.4733	-34.0102	0.0000
Beam 4: End 1: 44: SLU23 [Combination 23]	0.0000	0.0000	-264.9014	-184.0646	9.2692	0.0000
Beam 4: End 1: 45: SLU24 [Combination 24]	0.0000	0.0000	-230.4585	-336.0967	9.2692	0.0000
Beam 4: End 1: 46: SLU25 [Combination 25]	0.0000	0.0000	-287.4680	-110.8164	65.4486	0.0000
Beam 4: End 1: 47: SLU26 [Combination 26]	0.0000	0.0000	-270.8826	-97.8600	60.4491	0.0000
Beam 4: End 1: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	-175.4095		32.9873	30.9968
0.0000						
Beam 4: End 1: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	-172.3348		42.9585	30.9968
0.0000						
Beam 4: End 1: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	-168.4960		-45.4327	-7.7991
0.0000						
Beam 4: End 1: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	-165.4212		-35.4615	-7.7991
0.0000						
Beam 4: End 1: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	-168.3016		-29.1642	17.4182
0.0000						

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Beam 4: End 1: 53: SLU_SISMA06 [Combination 32] 0.0000	0.0000	0.0000	-158.0524	4.0732	17.4182
Beam 4: End 1: 54: SLU_SISMA07 [Combination 33] 0.0000	0.0000	0.0000	-166.2275	-52.6902	5.7794
Beam 4: End 1: 55: SLU_SISMA08 [Combination 34] 0.0000	0.0000	0.0000	-155.9783	-19.4528	5.7794
Beam 4: End 1: 56: SLU_SISMA09 [Combination 35] 0.0000	0.0000	0.0000	-172.9933	33.8893	30.0430
Beam 4: End 1: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	-169.9186	43.8605	30.0430
Beam 4: End 1: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	-166.0798	-44.5307	-8.7529
Beam 4: End 1: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	-163.0050	-34.5595	-8.7529
Beam 4: End 1: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	-165.8854	-28.2622	16.4644
Beam 4: End 1: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	-155.6362	4.9752	16.4644
Beam 4: End 1: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	-163.8113	-51.7882	4.8256
Beam 4: End 1: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	-153.5621	-18.5508	4.8256
Beam 4: End 1: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	-166.7819	-275.0269	-28.8153
Beam 4: End 1: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	-181.3472	-140.7075	29.4377
Beam 4: End 1: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	-212.4392	33.7538	51.3967
Beam 4: End 1: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	-159.2669	-254.8663	-27.7584
Beam 4: End 1: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	-172.8038	-127.6275	28.3808

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Beam 4: End 1: 69: SLE_RARA06 [Combination 48]	0.0000	0.0000	-202.7744	37.3618	47.5815	
0.0000						
Beam 4: End 1: 70: SLE_RARA07 [Combination 49]	0.0000	0.0000	-211.5658	-52.8732	43.9305	
0.0000						
Beam 4: End 1: 71: SLE_RARA08 [Combination 50]	0.0000	0.0000	-200.1275	-43.9378	40.4826	
0.0000						
Beam 4: End 1: 72: SLE_QPERM01 [Combination 51]	0.0000	0.0000	-127.4569	-111.4067	0.3112	
0.0000						
Beam 4: End 1: 73: SLE_FREQ01 [Combination 52]	0.0000	0.0000	-195.6762	-57.6394	36.9221	
0.0000						
Beam 4: End 1: 74: SLE_FREQ02 [Combination 53]	0.0000	0.0000	-186.5256	-50.4910	34.1638	
0.0000						
Beam 4: End 1: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	311.0315	448.6675	92.6417	
0.0000						
Beam 4: End 1: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	311.0315	448.6675	92.6417	0.0000
Beam 4: End 1: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	175.4095	52.6902	30.9968	0.0000
Beam 4: End 1: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	212.4392	275.0269	51.3967	
0.0000						
Beam 4: End 1: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	195.6762	57.6394	36.9221	
0.0000						
Beam 4: End 1: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	127.4569	111.4067	0.3112	
0.0000						
Beam 4: End 2: 1: PP	0.0000	0.0000	19.1519	-196.2597	0.0000	0.0000
Beam 4: End 2: 2: PERM	0.0000	0.0000	12.9509	-54.2917	0.0000	0.0000
Beam 4: End 2: 3: SPTSX	0.0000	0.0000	-58.7663	92.3810	29.6749	0.0000
Beam 4: End 2: 4: SPTDX	0.0000	0.0000	34.5088	-63.0320	-29.6749	0.0000
Beam 4: End 2: 5: SPTW	0.0000	0.0000	0.4633	6.9211	0.3112	0.0000
Beam 4: End 2: 6: ACC_LM71	0.0000	0.0000	44.7662	-154.0709	0.0000	0.0000
Beam 4: End 2: 7: ACC_SW2	0.0000	0.0000	37.0536	-127.5268	0.0000	0.0000
Beam 4: End 2: 8: SPACCSX_LM71	0.0000	0.0000	-34.9512	52.4263	20.0301	0.0000
Beam 4: End 2: 9: SPACCDX_LM71	0.0000	0.0000	23.7328	-40.2734	-20.0301	0.0000
Beam 4: End 2: 10: SPACCSX_SW2	0.0000	0.0000	-28.9340	43.4005	16.5822	0.0000

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Beam 4: End 2: 11: SPACCDX_SW2	0.0000	0.0000	19.6476	-33.3404	-16.5822	0.0000
Beam 4: End 2: 12: AVV_LM71	0.0000	0.0000	-46.0233	65.1469	36.4081	0.0000
Beam 4: End 2: 13: FREN_SW2	0.0000	0.0000	-44.3533	62.7830	35.0870	0.0000
Beam 4: End 2: 14: SERP	0.0000	0.0000	-0.1400	0.1982	0.1107	0.0000
Beam 4: End 2: 15: TERM	0.0000	0.0000	11.3925	-30.8477	0.0000	0.0000
Beam 4: End 2: 16: RITIRO	0.0000	0.0000	-8.5064	23.0330	0.0000	0.0000
Beam 4: End 2: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Beam 4: End 2: 18: SISMA_H	0.0000	0.0000	-73.6655	107.2241	56.3230	0.0000
Beam 4: End 2: 19: SISMA_V	0.0000	0.0000	4.8874	-16.8208	0.0000	0.0000
Beam 4: End 2: 20: SPSSX	0.0000	0.0000	-66.7818	100.5793	36.9250	0.0000
Beam 4: End 2: 21: SPSDX	0.0000	0.0000	43.3515	-75.3679	-36.9250	0.0000
Beam 4: End 2: 22: SLU01 [Combination 1]	0.0000	0.0000	-31.0148	-363.0396	82.1465	0.0000
Beam 4: End 2: 23: SLU02 [Combination 2]	0.0000	0.0000	-0.7966	-383.6553	53.1029	0.0000
Beam 4: End 2: 24: SLU03 [Combination 3]	0.0000	0.0000	19.8265	-436.6354	53.2119	0.0000
Beam 4: End 2: 25: SLU04 [Combination 4]	0.0000	0.0000	-51.4209	-328.2839	92.6417	0.0000
Beam 4: End 2: 26: SLU05 [Combination 5]	0.0000	0.0000	-39.3428	-350.3451	82.2555	0.0000
Beam 4: End 2: 27: SLU06 [Combination 6]	0.0000	0.0000	-37.5200	-221.4053	29.4637	0.0000
Beam 4: End 2: 28: SLU07 [Combination 7]	0.0000	0.0000	-61.6741	-300.5209	92.6417	0.0000
Beam 4: End 2: 29: SLU08 [Combination 8]	0.0000	0.0000	-62.7767	-103.5074	39.8500	0.0000
Beam 4: End 2: 30: SLU09 [Combination 9]	0.0000	0.0000	15.3585	-422.8703	39.8500	0.0000
Beam 4: End 2: 31: SLU10 [Combination 10]	0.0000	0.0000	112.5899	-556.1535	-39.0097	0.0000
Beam 4: End 2: 32: SLU11 [Combination 11]	0.0000	0.0000	30.7985	-418.4339	13.2688	0.0000
Beam 4: End 2: 33: SLU12 [Combination 12]	0.0000	0.0000	64.9761	-510.9771	13.2688	0.0000
Beam 4: End 2: 34: SLU13 [Combination 13]	0.0000	0.0000	-31.0515	-341.0659	75.2315	0.0000
Beam 4: End 2: 35: SLU14 [Combination 14]	0.0000	0.0000	-9.5582	-348.5941	51.1873	0.0000
Beam 4: End 2: 36: SLU15 [Combination 15]	0.0000	0.0000	11.0649	-401.5742	51.2963	0.0000
Beam 4: End 2: 37: SLU16 [Combination 16]	0.0000	0.0000	-51.4576	-306.3102	85.7266	0.0000
Beam 4: End 2: 38: SLU17 [Combination 17]	0.0000	0.0000	-39.3795	-328.3714	75.3404	0.0000
Beam 4: End 2: 39: SLU18 [Combination 18]	0.0000	0.0000	-28.7951	-234.4928	24.4643	0.0000
Beam 4: End 2: 40: SLU19 [Combination 19]	0.0000	0.0000	-61.7109	-278.5472	85.7266	0.0000

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Beam 4: End 2: 41: SLU20 [Combination 20]	0.0000	0.0000	-54.0518	-116.5949	34.8505	0.0000
Beam 4: End 2: 42: SLU21 [Combination 21]	0.0000	0.0000	12.9002	-397.4689	34.8505	0.0000
Beam 4: End 2: 43: SLU22 [Combination 22]	0.0000	0.0000	95.4833	-507.6119	-34.0102	0.0000
Beam 4: End 2: 44: SLU23 [Combination 23]	0.0000	0.0000	26.5953	-390.4151	9.2692	0.0000
Beam 4: End 2: 45: SLU24 [Combination 24]	0.0000	0.0000	60.7729	-482.9582	9.2692	0.0000
Beam 4: End 2: 46: SLU25 [Combination 25]	0.0000	0.0000	-17.0462	-376.9419	65.4486	0.0000
Beam 4: End 2: 47: SLU26 [Combination 26]	0.0000	0.0000	-19.5044	-351.5405	60.4491	0.0000
Beam 4: End 2: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	-41.9835	-156.3141	30.9968	0.0000
Beam 4: End 2: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	-44.9160	-146.2216	30.9968	0.0000
Beam 4: End 2: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	-4.7858	-194.8150	-7.7991	0.0000
Beam 4: End 2: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	-7.7183	-184.7225	-7.7991	0.0000
Beam 4: End 2: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	-17.3426	-190.3880	17.4182	0.0000
Beam 4: End 2: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	-27.1174	-156.7463	17.4182	0.0000
Beam 4: End 2: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	-6.1833	-201.9383	5.7794	0.0000
Beam 4: End 2: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	-15.9580	-168.2966	5.7794	0.0000
Beam 4: End 2: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	-41.9886	-153.2832	30.0430	0.0000
Beam 4: End 2: 57: SLU_SISMA10 [Combination 36]	0.0000	0.0000	-44.9210	-143.1907	30.0430	0.0000
Beam 4: End 2: 58: SLU_SISMA11 [Combination 37]	0.0000	0.0000	-4.7909	-191.7842	-8.7529	0.0000
Beam 4: End 2: 59: SLU_SISMA12 [Combination 38]	0.0000	0.0000	-7.7233	-181.6917	-8.7529	0.0000

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Beam 4: End 2: 60: SLU_SISMA13 [Combination 39]	0.0000	0.0000	-17.3476	-187.3571	16.4644
0.0000					
Beam 4: End 2: 61: SLU_SISMA14 [Combination 40]	0.0000	0.0000	-27.1224	-153.7155	16.4644
0.0000					
Beam 4: End 2: 62: SLU_SISMA15 [Combination 41]	0.0000	0.0000	-6.1883	-198.9074	4.8256
0.0000					
Beam 4: End 2: 63: SLU_SISMA16 [Combination 42]	0.0000	0.0000	-15.9631	-165.2657	4.8256
0.0000					
Beam 4: End 2: 64: SLE_RARA01 [Combination 43]	0.0000	0.0000	65.1299	-361.4245	-28.8153
0.0000					
Beam 4: End 2: 65: SLE_RARA02 [Combination 44]	0.0000	0.0000	5.1637	-294.2067	29.4377
0.0000					
Beam 4: End 2: 66: SLE_RARA03 [Combination 45]	0.0000	0.0000	-42.9017	-189.3314	51.3967
0.0000					
Beam 4: End 2: 67: SLE_RARA04 [Combination 46]	0.0000	0.0000	59.1695	-339.9725	-27.7584
0.0000					
Beam 4: End 2: 68: SLE_RARA05 [Combination 47]	0.0000	0.0000	1.8753	-276.5370	28.3808
0.0000					
Beam 4: End 2: 69: SLE_RARA06 [Combination 48]	0.0000	0.0000	-42.9220	-177.2080	47.5815
0.0000					
Beam 4: End 2: 70: SLE_RARA07 [Combination 49]	0.0000	0.0000	-17.9303	-253.2212	43.9305
0.0000					
Beam 4: End 2: 71: SLE_RARA08 [Combination 50]	0.0000	0.0000	-19.6257	-235.7030	40.4826
0.0000					
Beam 4: End 2: 72: SLE_QPERM01 [Combination 51]	0.0000	0.0000	8.3086	-214.2813	0.3112
0.0000					
Beam 4: End 2: 73: SLE_FREQ01 [Combination 52]	0.0000	0.0000	-14.9587	-241.3494	36.9221
0.0000					
Beam 4: End 2: 74: SLE_FREQ02 [Combination 53]	0.0000	0.0000	-16.3150	-227.3348	34.1638
0.0000					
Beam 4: End 2: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	112.5899	556.1535	92.6417
0.0000					
Beam 4: End 2: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	112.5899	556.1535	92.6417
					0.0000

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Beam 4: End 2: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	44.9210	201.9383	30.9968	0.0000
Beam 4: End 2: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	65.1299	361.4245	51.3967	0.0000
Beam 4: End 2: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	16.3150	241.3494	36.9221	0.0000
Beam 4: End 2: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	8.3086	214.2813	0.3112	0.0000
Beam 5: End 1: 1: PP	0.0000	0.0000	19.1519	-196.2597	0.0000	0.0000
Beam 5: End 1: 2: PERM	0.0000	0.0000	12.9509	-54.2917	0.0000	0.0000
Beam 5: End 1: 3: SPTSX	0.0000	0.0000	-58.7663	92.3810	29.6749	0.0000
Beam 5: End 1: 4: SPTDX	0.0000	0.0000	34.5088	-63.0320	-29.6749	0.0000
Beam 5: End 1: 5: SPTW	0.0000	0.0000	0.4633	6.9211	0.3112	0.0000
Beam 5: End 1: 6: ACC_LM71	0.0000	0.0000	44.7662	-154.0709	0.0000	0.0000
Beam 5: End 1: 7: ACC_SW2	0.0000	0.0000	37.0536	-127.5268	0.0000	0.0000
Beam 5: End 1: 8: SPACCSX_LM71	0.0000	0.0000	-34.9512	52.4263	20.0301	0.0000
Beam 5: End 1: 9: SPACCDX_LM71	0.0000	0.0000	23.7328	-40.2734	-20.0301	0.0000
Beam 5: End 1: 10: SPACCSX_SW2	0.0000	0.0000	-28.9340	43.4005	16.5822	0.0000
Beam 5: End 1: 11: SPACCDX_SW2	0.0000	0.0000	19.6476	-33.3404	-16.5822	0.0000
Beam 5: End 1: 12: AVV_LM71	0.0000	0.0000	-46.0233	65.1469	36.4081	0.0000
Beam 5: End 1: 13: FREN_SW2	0.0000	0.0000	-44.3533	62.7830	35.0870	0.0000
Beam 5: End 1: 14: SERP	0.0000	0.0000	-0.1400	0.1982	0.1107	0.0000
Beam 5: End 1: 15: TERM	0.0000	0.0000	11.3925	-30.8477	0.0000	0.0000
Beam 5: End 1: 16: RITIRO	0.0000	0.0000	-8.5064	23.0330	0.0000	0.0000
Beam 5: End 1: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Beam 5: End 1: 18: SISMA_H	0.0000	0.0000	-73.6655	107.2241	56.3230	0.0000
Beam 5: End 1: 19: SISMA_V	0.0000	0.0000	4.8874	-16.8208	0.0000	0.0000
Beam 5: End 1: 20: SPSSX	0.0000	0.0000	-66.7818	100.5793	36.9250	0.0000
Beam 5: End 1: 21: SPSDX	0.0000	0.0000	43.3515	-75.3679	-36.9250	0.0000
Beam 5: End 1: 22: SLU01 [Combination 1]	0.0000	0.0000	-31.0148	-363.0396	82.1465	0.0000
Beam 5: End 1: 23: SLU02 [Combination 2]	0.0000	0.0000	-0.7966	-383.6553	53.1029	0.0000
Beam 5: End 1: 24: SLU03 [Combination 3]	0.0000	0.0000	19.8265	-436.6354	53.2119	0.0000

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Beam 5: End 1: 25: SLU04 [Combination 4]	0.0000	0.0000	-51.4209	-328.2839	92.6417	0.0000
Beam 5: End 1: 26: SLU05 [Combination 5]	0.0000	0.0000	-39.3428	-350.3451	82.2555	0.0000
Beam 5: End 1: 27: SLU06 [Combination 6]	0.0000	0.0000	-37.5200	-221.4053	29.4637	0.0000
Beam 5: End 1: 28: SLU07 [Combination 7]	0.0000	0.0000	-61.6741	-300.5209	92.6417	0.0000
Beam 5: End 1: 29: SLU08 [Combination 8]	0.0000	0.0000	-62.7767	-103.5074	39.8500	0.0000
Beam 5: End 1: 30: SLU09 [Combination 9]	0.0000	0.0000	15.3585	-422.8703	39.8500	0.0000
Beam 5: End 1: 31: SLU10 [Combination 10]	0.0000	0.0000	112.5899	-556.1535	-39.0097	0.0000
Beam 5: End 1: 32: SLU11 [Combination 11]	0.0000	0.0000	30.7985	-418.4339	13.2688	0.0000
Beam 5: End 1: 33: SLU12 [Combination 12]	0.0000	0.0000	64.9761	-510.9771	13.2688	0.0000
Beam 5: End 1: 34: SLU13 [Combination 13]	0.0000	0.0000	-31.0515	-341.0659	75.2315	0.0000
Beam 5: End 1: 35: SLU14 [Combination 14]	0.0000	0.0000	-9.5582	-348.5941	51.1873	0.0000
Beam 5: End 1: 36: SLU15 [Combination 15]	0.0000	0.0000	11.0649	-401.5742	51.2963	0.0000
Beam 5: End 1: 37: SLU16 [Combination 16]	0.0000	0.0000	-51.4576	-306.3102	85.7266	0.0000
Beam 5: End 1: 38: SLU17 [Combination 17]	0.0000	0.0000	-39.3795	-328.3714	75.3404	0.0000
Beam 5: End 1: 39: SLU18 [Combination 18]	0.0000	0.0000	-28.7951	-234.4928	24.4643	0.0000
Beam 5: End 1: 40: SLU19 [Combination 19]	0.0000	0.0000	-61.7109	-278.5472	85.7266	0.0000
Beam 5: End 1: 41: SLU20 [Combination 20]	0.0000	0.0000	-54.0518	-116.5949	34.8505	0.0000
Beam 5: End 1: 42: SLU21 [Combination 21]	0.0000	0.0000	12.9002	-397.4689	34.8505	0.0000
Beam 5: End 1: 43: SLU22 [Combination 22]	0.0000	0.0000	95.4833	-507.6119	-34.0102	0.0000
Beam 5: End 1: 44: SLU23 [Combination 23]	0.0000	0.0000	26.5953	-390.4151	9.2692	0.0000
Beam 5: End 1: 45: SLU24 [Combination 24]	0.0000	0.0000	60.7729	-482.9582	9.2692	0.0000
Beam 5: End 1: 46: SLU25 [Combination 25]	0.0000	0.0000	-17.0462	-376.9419	65.4486	0.0000
Beam 5: End 1: 47: SLU26 [Combination 26]	0.0000	0.0000	-19.5044	-351.5405	60.4491	0.0000
Beam 5: End 1: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	-41.9835	-156.3141	30.9968	0.0000
Beam 5: End 1: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	-44.9160	-146.2216	30.9968	0.0000
Beam 5: End 1: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	-4.7858	-194.8150	-7.7991	0.0000
Beam 5: End 1: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	-7.7183	-184.7225	-7.7991	0.0000

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Beam 5: End 1: 52: SLU_SISMA05 [Combination 31] 0.0000	0.0000	0.0000	-17.3426	-190.3880	17.4182
Beam 5: End 1: 53: SLU_SISMA06 [Combination 32] 0.0000	0.0000	0.0000	-27.1174	-156.7463	17.4182
Beam 5: End 1: 54: SLU_SISMA07 [Combination 33] 0.0000	0.0000	0.0000	-6.1833	-201.9383	5.7794
Beam 5: End 1: 55: SLU_SISMA08 [Combination 34] 0.0000	0.0000	0.0000	-15.9580	-168.2966	5.7794
Beam 5: End 1: 56: SLU_SISMA09 [Combination 35] 0.0000	0.0000	0.0000	-41.9886	-153.2832	30.0430
Beam 5: End 1: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	-44.9210	-143.1907	30.0430
Beam 5: End 1: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	-4.7909	-191.7842	-8.7529
Beam 5: End 1: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	-7.7233	-181.6917	-8.7529
Beam 5: End 1: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	-17.3476	-187.3571	16.4644
Beam 5: End 1: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	-27.1224	-153.7155	16.4644
Beam 5: End 1: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	-6.1883	-198.9074	4.8256
Beam 5: End 1: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	-15.9631	-165.2657	4.8256
Beam 5: End 1: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	65.1299	-361.4245	-28.8153
Beam 5: End 1: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	5.1637	-294.2067	29.4377
Beam 5: End 1: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	-42.9017	-189.3314	51.3967
Beam 5: End 1: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	59.1695	-339.9725	-27.7584

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Beam 5: End 1: 68: SLE_RARA05 [Combination 47]	0.0000	0.0000	1.8753	-276.5370	28.3808	0.0000
Beam 5: End 1: 69: SLE_RARA06 [Combination 48]	0.0000	0.0000	-42.9220	-177.2080	47.5815	0.0000
Beam 5: End 1: 70: SLE_RARA07 [Combination 49]	0.0000	0.0000	-17.9303	-253.2212	43.9305	0.0000
Beam 5: End 1: 71: SLE_RARA08 [Combination 50]	0.0000	0.0000	-19.6257	-235.7030	40.4826	0.0000
Beam 5: End 1: 72: SLE_QPERM01 [Combination 51]	0.0000	0.0000	8.3086	-214.2813	0.3112	0.0000
Beam 5: End 1: 73: SLE_FREQ01 [Combination 52]	0.0000	0.0000	-14.9587	-241.3494	36.9221	0.0000
Beam 5: End 1: 74: SLE_FREQ02 [Combination 53]	0.0000	0.0000	-16.3150	-227.3348	34.1638	0.0000
Beam 5: End 1: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	112.5899	556.1535	92.6417	0.0000
Beam 5: End 1: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	112.5899	556.1535	92.6417	0.0000
Beam 5: End 1: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	44.9210	201.9383	30.9968	0.0000
Beam 5: End 1: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	65.1299	361.4245	51.3967	0.0000
Beam 5: End 1: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	16.3150	241.3494	36.9221	0.0000
Beam 5: End 1: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	8.3086	214.2813	0.3112	0.0000
Beam 5: End 2: 1: PP	0.0000	0.0000	124.3914	-72.8159	0.0000	0.0000
Beam 5: End 2: 2: PERM	0.0000	0.0000	44.1904	-5.1817	0.0000	0.0000
Beam 5: End 2: 3: SPTSX	0.0000	0.0000	-72.5243	-21.8124	29.6749	0.0000
Beam 5: End 2: 4: SPTDX	0.0000	0.0000	48.3283	9.5261	-29.6749	0.0000
Beam 5: End 2: 5: SPTW	0.0000	0.0000	-1.6612	5.8687	0.3112	0.0000
Beam 5: End 2: 6: ACC_LM71	0.0000	0.0000	136.3127	1.5340	0.0000	0.0000
Beam 5: End 2: 7: ACC_SW2	0.0000	0.0000	112.8281	1.2697	0.0000	0.0000
Beam 5: End 2: 8: SPACCSX_LM71	0.0000	0.0000	-44.1757	-16.4824	20.0301	0.0000

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Beam 5: End 2: 9: SPACCDX_LM71	0.0000	0.0000	32.9659	9.3654	-20.0301	0.0000
Beam 5: End 2: 10: SPACCSX_SW2	0.0000	0.0000	-36.5707	-13.6451	16.5822	0.0000
Beam 5: End 2: 11: SPACCDX_SW2	0.0000	0.0000	27.2914	7.7539	-16.5822	0.0000
Beam 5: End 2: 12: AVV_LM71	0.0000	0.0000	-62.8981	-30.1089	36.4081	0.0000
Beam 5: End 2: 13: FREN_SW2	0.0000	0.0000	-60.6157	-29.0164	35.0870	0.0000
Beam 5: End 2: 14: SERP	0.0000	0.0000	-0.1913	-0.0916	0.1107	0.0000
Beam 5: End 2: 15: TERM	0.0000	0.0000	11.1239	-11.4726	0.0000	0.0000
Beam 5: End 2: 16: RITIRO	0.0000	0.0000	-8.3059	8.5662	0.0000	0.0000
Beam 5: End 2: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Beam 5: End 2: 18: SISMA_H	0.0000	0.0000	-99.7357	-44.3490	56.3230	0.0000
Beam 5: End 2: 19: SISMA_V	0.0000	0.0000	14.8821	0.1675	0.0000	0.0000
Beam 5: End 2: 20: SPSSX	0.0000	0.0000	-83.7698	-30.4763	36.9250	0.0000
Beam 5: End 2: 21: SPSDX	0.0000	0.0000	60.3549	15.4395	-36.9250	0.0000
Beam 5: End 2: 22: SLU01 [Combination 1]	0.0000	0.0000	250.7531	-177.8246	82.1465	0.0000
Beam 5: End 2: 23: SLU02 [Combination 2]	0.0000	0.0000	294.8293	-133.3204	53.1029	0.0000
Beam 5: End 2: 24: SLU03 [Combination 3]	0.0000	0.0000	314.2265	-151.8711	53.2119	0.0000
Beam 5: End 2: 25: SLU04 [Combination 4]	0.0000	0.0000	224.7882	-183.4049	92.6417	0.0000
Beam 5: End 2: 26: SLU05 [Combination 5]	0.0000	0.0000	241.7031	-180.0707	82.2555	0.0000
Beam 5: End 2: 27: SLU06 [Combination 6]	0.0000	0.0000	135.2519	-138.6371	29.4637	0.0000
Beam 5: End 2: 28: SLU07 [Combination 7]	0.0000	0.0000	214.7766	-173.0796	92.6417	0.0000
Beam 5: End 2: 29: SLU08 [Combination 8]	0.0000	0.0000	52.7048	-113.8949	39.8500	0.0000
Beam 5: End 2: 30: SLU09 [Combination 9]	0.0000	0.0000	316.0348	-139.7928	39.8500	0.0000
Beam 5: End 2: 31: SLU10 [Combination 10]	0.0000	0.0000	450.1655	-70.6945	-39.0097	0.0000
Beam 5: End 2: 32: SLU11 [Combination 11]	0.0000	0.0000	344.4468	-96.5104	13.2688	0.0000
Beam 5: End 2: 33: SLU12 [Combination 12]	0.0000	0.0000	377.8186	-130.9280	13.2688	0.0000
Beam 5: End 2: 34: SLU13 [Combination 13]	0.0000	0.0000	231.0372	-172.5096	75.2315	0.0000
Beam 5: End 2: 35: SLU14 [Combination 14]	0.0000	0.0000	264.0861	-132.1195	51.1873	0.0000
Beam 5: End 2: 36: SLU15 [Combination 15]	0.0000	0.0000	283.4832	-150.6701	51.2963	0.0000
Beam 5: End 2: 37: SLU16 [Combination 16]	0.0000	0.0000	205.0722	-178.0899	85.7266	0.0000
Beam 5: End 2: 38: SLU17 [Combination 17]	0.0000	0.0000	221.9871	-174.7558	75.3404	0.0000

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Beam 5: End 2: 39: SLU18 [Combination 18]	0.0000	0.0000	146.2792	-134.5231	24.4643	0.0000
Beam 5: End 2: 40: SLU19 [Combination 19]	0.0000	0.0000	195.0607	-167.7646	85.7266	0.0000
Beam 5: End 2: 41: SLU20 [Combination 20]	0.0000	0.0000	63.7322	-109.7808	34.8505	0.0000
Beam 5: End 2: 42: SLU21 [Combination 21]	0.0000	0.0000	293.0096	-136.0620	34.8505	0.0000
Beam 5: End 2: 43: SLU22 [Combination 22]	0.0000	0.0000	407.8849	-73.4144	-34.0102	0.0000
Beam 5: End 2: 44: SLU23 [Combination 23]	0.0000	0.0000	319.2161	-93.6024	9.2692	0.0000
Beam 5: End 2: 45: SLU24 [Combination 24]	0.0000	0.0000	352.5878	-128.0200	9.2692	0.0000
Beam 5: End 2: 46: SLU25 [Combination 25]	0.0000	0.0000	271.7665	-160.9166	65.4486	0.0000
Beam 5: End 2: 47: SLU26 [Combination 26]	0.0000	0.0000	248.7412	-157.1858	60.4491	0.0000
Beam 5: End 2: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	99.7883	-107.9834	30.9968	0.0000
Beam 5: End 2: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	90.8591	-108.0839	30.9968	0.0000
Beam 5: End 2: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	155.1351	-65.2012	-7.7991	0.0000
Beam 5: End 2: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	146.2058	-65.3016	-7.7991	0.0000
Beam 5: End 2: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	137.7723	-87.6295	17.4182	0.0000
Beam 5: End 2: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	108.0082	-87.9645	17.4182	0.0000
Beam 5: End 2: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	154.3764	-74.7948	5.7794	0.0000
Beam 5: End 2: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	124.6122	-75.1298	5.7794	0.0000
Beam 5: End 2: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	97.0689	-107.2503	30.0430	0.0000
Beam 5: End 2: 57: SLU_SISMA10 [Combination 36]	0.0000	0.0000	88.1396	-107.3508	30.0430	0.0000
Beam 5: End 2: 58: SLU_SISMA11 [Combination 37]	0.0000	0.0000	152.4157	-64.4681	-8.7529	0.0000

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Beam 5: End 2: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	143.4864	-64.5685	-8.7529
Beam 5: End 2: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	135.0529	-86.8964	16.4644
Beam 5: End 2: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	105.2888	-87.2314	16.4644
Beam 5: End 2: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	151.6569	-74.0617	4.8256
Beam 5: End 2: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	121.8928	-74.3967	4.8256
Beam 5: End 2: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	286.4509	-57.9109	-28.8153
Beam 5: End 2: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	199.1627	-119.8522	29.4377
Beam 5: End 2: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	141.4698	-106.9165	51.3967
Beam 5: End 2: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	267.3818	-58.0157	-27.7584
Beam 5: End 2: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	183.7453	-118.2090	28.3808
Beam 5: End 2: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	130.5920	-103.9841	47.5815
Beam 5: End 2: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	188.0223	-108.9849	43.9305
Beam 5: End 2: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	172.1428	-106.4120	40.4826
Beam 5: End 2: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	142.7246	-84.4151	0.3112
Beam 5: End 2: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	175.8942	-104.6596	36.9221
Beam 5: End 2: 74: SLE_FREQ02 [Combination 53] 0.0000	0.0000	0.0000	163.1906	-102.6012	34.1638

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Beam 5: End 2: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	450.1655	183.4049	92.6417	
0.0000						
Beam 5: End 2: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	450.1655	183.4049	92.6417	0.0000
Beam 5: End 2: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	155.1351	108.0839	30.9968	0.0000
Beam 5: End 2: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	286.4509	119.8522	51.3967	
0.0000						
Beam 5: End 2: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	175.8942	104.6596	36.9221	
0.0000						
Beam 5: End 2: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	142.7246	84.4151	0.3112	
0.0000						
Beam 6: End 1: 1: PP	0.0000	0.0000	124.3914	-72.8159	0.0000	0.0000
Beam 6: End 1: 2: PERM	0.0000	0.0000	44.1904	-5.1817	0.0000	0.0000
Beam 6: End 1: 3: SPTSX	0.0000	0.0000	-72.5243	-21.8124	29.6749	0.0000
Beam 6: End 1: 4: SPTDX	0.0000	0.0000	48.3283	9.5261	-29.6749	0.0000
Beam 6: End 1: 5: SPTW	0.0000	0.0000	-1.6612	5.8687	0.3112	0.0000
Beam 6: End 1: 6: ACC_LM71	0.0000	0.0000	136.3127	1.5340	0.0000	0.0000
Beam 6: End 1: 7: ACC_SW2	0.0000	0.0000	112.8281	1.2697	0.0000	0.0000
Beam 6: End 1: 8: SPACCSX_LM71	0.0000	0.0000	-44.1757	-16.4824	20.0301	0.0000
Beam 6: End 1: 9: SPACCDX_LM71	0.0000	0.0000	32.9659	9.3654	-20.0301	0.0000
Beam 6: End 1: 10: SPACCSX_SW2	0.0000	0.0000	-36.5707	-13.6451	16.5822	0.0000
Beam 6: End 1: 11: SPACCDX_SW2	0.0000	0.0000	27.2914	7.7539	-16.5822	0.0000
Beam 6: End 1: 12: AVV_LM71	0.0000	0.0000	-62.8981	-30.1089	36.4081	0.0000
Beam 6: End 1: 13: FREN_SW2	0.0000	0.0000	-60.6157	-29.0164	35.0870	0.0000
Beam 6: End 1: 14: SERP	0.0000	0.0000	-0.1913	-0.0916	0.1107	0.0000
Beam 6: End 1: 15: TERM	0.0000	0.0000	11.1239	-11.4726	0.0000	0.0000
Beam 6: End 1: 16: RITIRO	0.0000	0.0000	-8.3059	8.5662	0.0000	0.0000
Beam 6: End 1: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Beam 6: End 1: 18: SISMA_H	0.0000	0.0000	-99.7357	-44.3490	56.3230	0.0000
Beam 6: End 1: 19: SISMA_V	0.0000	0.0000	14.8821	0.1675	0.0000	0.0000
Beam 6: End 1: 20: SPSSX	0.0000	0.0000	-83.7698	-30.4763	36.9250	0.0000
Beam 6: End 1: 21: SPSDX	0.0000	0.0000	60.3549	15.4395	-36.9250	0.0000

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Beam 6: End 1: 22: SLU01 [Combination 1]	0.0000	0.0000	250.7531	-177.8246	82.1465	0.0000
Beam 6: End 1: 23: SLU02 [Combination 2]	0.0000	0.0000	294.8293	-133.3204	53.1029	0.0000
Beam 6: End 1: 24: SLU03 [Combination 3]	0.0000	0.0000	314.2265	-151.8711	53.2119	0.0000
Beam 6: End 1: 25: SLU04 [Combination 4]	0.0000	0.0000	224.7882	-183.4049	92.6417	0.0000
Beam 6: End 1: 26: SLU05 [Combination 5]	0.0000	0.0000	241.7031	-180.0707	82.2555	0.0000
Beam 6: End 1: 27: SLU06 [Combination 6]	0.0000	0.0000	135.2519	-138.6371	29.4637	0.0000
Beam 6: End 1: 28: SLU07 [Combination 7]	0.0000	0.0000	214.7766	-173.0796	92.6417	0.0000
Beam 6: End 1: 29: SLU08 [Combination 8]	0.0000	0.0000	52.7048	-113.8949	39.8500	0.0000
Beam 6: End 1: 30: SLU09 [Combination 9]	0.0000	0.0000	316.0348	-139.7928	39.8500	0.0000
Beam 6: End 1: 31: SLU10 [Combination 10]	0.0000	0.0000	450.1655	-70.6945	-39.0097	0.0000
Beam 6: End 1: 32: SLU11 [Combination 11]	0.0000	0.0000	344.4468	-96.5104	13.2688	0.0000
Beam 6: End 1: 33: SLU12 [Combination 12]	0.0000	0.0000	377.8186	-130.9280	13.2688	0.0000
Beam 6: End 1: 34: SLU13 [Combination 13]	0.0000	0.0000	231.0372	-172.5096	75.2315	0.0000
Beam 6: End 1: 35: SLU14 [Combination 14]	0.0000	0.0000	264.0861	-132.1195	51.1873	0.0000
Beam 6: End 1: 36: SLU15 [Combination 15]	0.0000	0.0000	283.4832	-150.6701	51.2963	0.0000
Beam 6: End 1: 37: SLU16 [Combination 16]	0.0000	0.0000	205.0722	-178.0899	85.7266	0.0000
Beam 6: End 1: 38: SLU17 [Combination 17]	0.0000	0.0000	221.9871	-174.7558	75.3404	0.0000
Beam 6: End 1: 39: SLU18 [Combination 18]	0.0000	0.0000	146.2792	-134.5231	24.4643	0.0000
Beam 6: End 1: 40: SLU19 [Combination 19]	0.0000	0.0000	195.0607	-167.7646	85.7266	0.0000
Beam 6: End 1: 41: SLU20 [Combination 20]	0.0000	0.0000	63.7322	-109.7808	34.8505	0.0000
Beam 6: End 1: 42: SLU21 [Combination 21]	0.0000	0.0000	293.0096	-136.0620	34.8505	0.0000
Beam 6: End 1: 43: SLU22 [Combination 22]	0.0000	0.0000	407.8849	-73.4144	-34.0102	0.0000
Beam 6: End 1: 44: SLU23 [Combination 23]	0.0000	0.0000	319.2161	-93.6024	9.2692	0.0000
Beam 6: End 1: 45: SLU24 [Combination 24]	0.0000	0.0000	352.5878	-128.0200	9.2692	0.0000
Beam 6: End 1: 46: SLU25 [Combination 25]	0.0000	0.0000	271.7665	-160.9166	65.4486	0.0000
Beam 6: End 1: 47: SLU26 [Combination 26]	0.0000	0.0000	248.7412	-157.1858	60.4491	0.0000
Beam 6: End 1: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	99.7883	-107.9834	30.9968	0.0000
Beam 6: End 1: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	90.8591	-108.0839	30.9968	0.0000

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Beam 6: End 1: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	155.1351	-65.2012	-7.7991
0.0000					
Beam 6: End 1: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	146.2058	-65.3016	-7.7991
0.0000					
Beam 6: End 1: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	137.7723	-87.6295	17.4182
0.0000					
Beam 6: End 1: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	108.0082	-87.9645	17.4182
0.0000					
Beam 6: End 1: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	154.3764	-74.7948	5.7794
0.0000					
Beam 6: End 1: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	124.6122	-75.1298	5.7794
0.0000					
Beam 6: End 1: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	97.0689	-107.2503	30.0430
0.0000					
Beam 6: End 1: 57: SLU_SISMA10 [Combination 36]	0.0000	0.0000	88.1396	-107.3508	30.0430
0.0000					
Beam 6: End 1: 58: SLU_SISMA11 [Combination 37]	0.0000	0.0000	152.4157	-64.4681	-8.7529
0.0000					
Beam 6: End 1: 59: SLU_SISMA12 [Combination 38]	0.0000	0.0000	143.4864	-64.5685	-8.7529
0.0000					
Beam 6: End 1: 60: SLU_SISMA13 [Combination 39]	0.0000	0.0000	135.0529	-86.8964	16.4644
0.0000					
Beam 6: End 1: 61: SLU_SISMA14 [Combination 40]	0.0000	0.0000	105.2888	-87.2314	16.4644
0.0000					
Beam 6: End 1: 62: SLU_SISMA15 [Combination 41]	0.0000	0.0000	151.6569	-74.0617	4.8256
0.0000					
Beam 6: End 1: 63: SLU_SISMA16 [Combination 42]	0.0000	0.0000	121.8928	-74.3967	4.8256
0.0000					
Beam 6: End 1: 64: SLE_RARA01 [Combination 43]	0.0000	0.0000	286.4509	-57.9109	-28.8153
0.0000					
Beam 6: End 1: 65: SLE_RARA02 [Combination 44]	0.0000	0.0000	199.1627	-119.8522	29.4377
0.0000					

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Beam 6: End 1: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	141.4698	-106.9165	51.3967	
Beam 6: End 1: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	267.3818	-58.0157	-27.7584	
Beam 6: End 1: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	183.7453	-118.2090	28.3808	
Beam 6: End 1: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	130.5920	-103.9841	47.5815	
Beam 6: End 1: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	188.0223	-108.9849	43.9305	
Beam 6: End 1: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	172.1428	-106.4120	40.4826	
Beam 6: End 1: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	142.7246	-84.4151	0.3112	
Beam 6: End 1: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	175.8942	-104.6596	36.9221	
Beam 6: End 1: 74: SLE_FREQ02 [Combination 53] 0.0000	0.0000	0.0000	163.1906	-102.6012	34.1638	
Beam 6: End 1: 75: SLU/SLV [Absolute Envelope 1] 0.0000	0.0000	0.0000	450.1655	183.4049	92.6417	
Beam 6: End 1: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	450.1655	183.4049	92.6417	0.0000
Beam 6: End 1: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	155.1351	108.0839	30.9968	0.0000
Beam 6: End 1: 78: SLE R [Absolute Envelope 4] 0.0000	0.0000	0.0000	286.4509	119.8522	51.3967	
Beam 6: End 1: 79: SLE F [Absolute Envelope 5] 0.0000	0.0000	0.0000	175.8942	104.6596	36.9221	
Beam 6: End 1: 80: SLE QP [Absolute Envelope 6] 0.0000	0.0000	0.0000	142.7246	84.4151	0.3112	
Beam 6: End 2: 1: PP	0.0000	0.0000	230.5942	234.1790	0.0000	0.0000
Beam 6: End 2: 2: PERM	0.0000	0.0000	75.8758	98.6420	0.0000	0.0000
Beam 6: End 2: 3: SPTSX	0.0000	0.0000	-77.3060	-152.7461	29.6749	0.0000
Beam 6: End 2: 4: SPTDX	0.0000	0.0000	52.9523	98.4865	-29.6749	0.0000

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Beam 6: End 2: 5: SPTW	0.0000	0.0000	-3.6640	1.2458	0.3112	0.0000	
Beam 6: End 2: 6: ACC_LM71	0.0000	0.0000	229.3257	317.6995	0.0000	0.0000	
Beam 6: End 2: 7: ACC_SW2	0.0000	0.0000	189.8164	262.9648	0.0000	0.0000	
Beam 6: End 2: 8: SPACCSX_LM71	0.0000	0.0000	-47.3779	-96.5693	20.0301	0.0000	
Beam 6: End 2: 9: SPACCDX_LM71	0.0000	0.0000	36.0643	69.9806	-20.0301	0.0000	
Beam 6: End 2: 10: SPACCSX_SW2	0.0000	0.0000	-39.2216	-79.9448	16.5822	0.0000	
Beam 6: End 2: 11: SPACCDX_SW2	0.0000	0.0000	29.8564	57.9353	-16.5822	0.0000	
Beam 6: End 2: 12: AVV_LM71	0.0000	0.0000	-68.6635	-145.5545	36.4081	0.0000	
Beam 6: End 2: 13: FREN_SW2	0.0000	0.0000	-66.1719	-140.2729	35.0870	0.0000	
Beam 6: End 2: 14: SERP	0.0000	0.0000	-0.2088	-0.4427	0.1107	0.0000	
Beam 6: End 2: 15: TERM	0.0000	0.0000	10.8279	7.5148	0.0000	0.0000	
Beam 6: End 2: 16: RITIRO	0.0000	0.0000	-8.0848	-5.6110	0.0000	0.0000	
Beam 6: End 2: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Beam 6: End 2: 18: SISMA_H	0.0000	0.0000	-108.6411	-227.1356	56.3230	0.0000	
Beam 6: End 2: 19: SISMA_V	0.0000	0.0000	25.0369	34.6852	0.0000	0.0000	
Beam 6: End 2: 20: SPSSX	0.0000	0.0000	-89.6808	-182.1541	36.9250	0.0000	
Beam 6: End 2: 21: SPSPDX	0.0000	0.0000	66.0456	126.4422	-36.9250	0.0000	
Beam 6: End 2: 22: SLU01 [Combination 1]	0.0000	0.0000	561.3606	520.6757	82.1465	0.0000	
Beam 6: End 2: 23: SLU02 [Combination 2]	0.0000	0.0000	610.6116	647.2048	53.1029	0.0000	
Beam 6: End 2: 24: SLU03 [Combination 3]	0.0000	0.0000	628.7761	661.1373	53.2119	0.0000	
Beam 6: End 2: 25: SLU04 [Combination 4]	0.0000	0.0000	533.0211	467.6506	92.6417	0.0000	
Beam 6: End 2: 26: SLU05 [Combination 5]	0.0000	0.0000	551.5544	502.1209	82.2555	0.0000	
Beam 6: End 2: 27: SLU06 [Combination 6]	0.0000	0.0000	318.5941	252.5107	29.4637	0.0000	
Beam 6: End 2: 28: SLU07 [Combination 7]	0.0000	0.0000	523.2760	460.8874	92.6417	0.0000	
Beam 6: End 2: 29: SLU08 [Combination 8]	0.0000	0.0000	181.4149	86.7567	39.8500	0.0000	
Beam 6: End 2: 30: SLU09 [Combination 9]	0.0000	0.0000	632.6264	678.7347	39.8500	0.0000	
Beam 6: End 2: 31: SLU10 [Combination 10]	0.0000	0.0000	779.7177	994.6369	-39.0097	0.0000	
Beam 6: End 2: 32: SLU11 [Combination 11]	0.0000	0.0000	665.9695	776.6358	13.2688	0.0000	
Beam 6: End 2: 33: SLU12 [Combination 12]	0.0000	0.0000	698.4531	799.1801	13.2688	0.0000	
Beam 6: End 2: 34: SLU13 [Combination 13]	0.0000	0.0000	519.5114	473.0743	75.2315	0.0000	

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Beam 6: End 2: 35: SLU14 [Combination 14]	0.0000	0.0000	556.9358	575.4977	51.1873	0.0000
Beam 6: End 2: 36: SLU15 [Combination 15]	0.0000	0.0000	575.1003	589.4302	51.2963	0.0000
Beam 6: End 2: 37: SLU16 [Combination 16]	0.0000	0.0000	491.1719	420.0492	85.7266	0.0000
Beam 6: End 2: 38: SLU17 [Combination 17]	0.0000	0.0000	509.7052	454.5194	75.3404	0.0000
Beam 6: End 2: 39: SLU18 [Combination 18]	0.0000	0.0000	330.4207	276.6162	24.4643	0.0000
Beam 6: End 2: 40: SLU19 [Combination 19]	0.0000	0.0000	481.4268	413.2859	85.7266	0.0000
Beam 6: End 2: 41: SLU20 [Combination 20]	0.0000	0.0000	193.2415	110.8623	34.8505	0.0000
Beam 6: End 2: 42: SLU21 [Combination 21]	0.0000	0.0000	587.1645	623.4749	34.8505	0.0000
Beam 6: End 2: 43: SLU22 [Combination 22]	0.0000	0.0000	713.4279	897.8058	-34.0102	0.0000
Beam 6: End 2: 44: SLU23 [Combination 23]	0.0000	0.0000	618.1423	716.5549	9.2692	0.0000
Beam 6: End 2: 45: SLU24 [Combination 24]	0.0000	0.0000	650.6259	739.0992	9.2692	0.0000
Beam 6: End 2: 46: SLU25 [Combination 25]	0.0000	0.0000	584.3056	576.3649	65.4486	0.0000
Beam 6: End 2: 47: SLU26 [Combination 26]	0.0000	0.0000	538.8437	521.1051	60.4491	0.0000
Beam 6: End 2: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	252.5260	195.2662	30.9968	0.0000
Beam 6: End 2: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	237.5039	174.4551	30.9968	0.0000
Beam 6: End 2: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	314.0818	340.9411	-7.7991	0.0000
Beam 6: End 2: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	299.0597	320.1300	-7.7991	0.0000
Beam 6: End 2: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	299.8687	290.0312	17.4182	0.0000
Beam 6: End 2: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	249.7949	220.6609	17.4182	0.0000
Beam 6: End 2: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	318.3354	333.7337	5.7794	0.0000
Beam 6: End 2: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	268.2617	264.3633	5.7794	0.0000
Beam 6: End 2: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	246.7537	188.7005	30.0430	0.0000

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Beam 6: End 2: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	231.7316	167.8894	30.0430
Beam 6: End 2: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	308.3095	334.3754	-8.7529
Beam 6: End 2: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	293.2874	313.5643	-8.7529
Beam 6: End 2: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	294.0964	283.4655	16.4644
Beam 6: End 2: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	244.0226	214.0951	16.4644
Beam 6: End 2: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	312.5631	327.1680	4.8256
Beam 6: End 2: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	262.4894	257.7976	4.8256
Beam 6: End 2: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	501.2961	624.6307	-28.8153
Beam 6: End 2: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	404.4280	400.7612	29.4377
Beam 6: End 2: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	343.9078	310.4507	51.3967
Beam 6: End 2: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	469.2542	580.2810	-27.7584
Beam 6: End 2: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	376.3725	364.8620	28.3808
Beam 6: End 2: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	320.8186	284.1878	47.5815
Beam 6: End 2: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	410.0182	406.1522	43.9305
Beam 6: End 2: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	378.6652	368.0420	40.4826
Beam 6: End 2: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	278.4523	279.8073	0.3112

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Beam 7: End 1: 18: SISMA_H	0.0000	0.0000	-108.6411	227.1356	-56.3230	0.0000	
Beam 7: End 1: 19: SISMA_V	0.0000	0.0000	-25.0369	34.6852	0.0000	0.0000	
Beam 7: End 1: 20: SPSSX	0.0000	0.0000	-66.0456	126.4422	-36.9250	0.0000	
Beam 7: End 1: 21: SPSPDX	0.0000	0.0000	89.6808	-182.1541	36.9250	0.0000	
Beam 7: End 1: 22: SLU01 [Combination 1]	0.0000	0.0000	-883.0116	1187.0207	-82.1465	0.0000	
Beam 7: End 1: 23: SLU02 [Combination 2]	0.0000	0.0000	-811.2716	1072.0523	-53.1029	0.0000	
Beam 7: End 1: 24: SLU03 [Combination 3]	0.0000	0.0000	-829.9736	1086.9437	-53.2119	0.0000	
Beam 7: End 1: 25: SLU04 [Combination 4]	0.0000	0.0000	-900.8001	1222.8858	-92.6417	0.0000	
Beam 7: End 1: 26: SLU05 [Combination 5]	0.0000	0.0000	-873.7430	1169.4247	-82.2555	0.0000	
Beam 7: End 1: 27: SLU06 [Combination 6]	0.0000	0.0000	-441.6587	497.7064	-29.4637	0.0000	
Beam 7: End 1: 28: SLU07 [Combination 7]	0.0000	0.0000	-891.0550	1216.1225	-92.6417	0.0000	
Beam 7: End 1: 29: SLU08 [Combination 8]	0.0000	0.0000	-350.0699	419.8838	-39.8500	0.0000	
Beam 7: End 1: 30: SLU09 [Combination 9]	0.0000	0.0000	-801.2814	1011.8619	-39.8500	0.0000	
Beam 7: End 1: 31: SLU10 [Combination 10]	0.0000	0.0000	-615.2097	668.9065	39.0097	0.0000	
Beam 7: End 1: 32: SLU11 [Combination 11]	0.0000	0.0000	-719.2454	885.6007	-13.2688	0.0000	
Beam 7: End 1: 33: SLU12 [Combination 12]	0.0000	0.0000	-751.7290	908.1449	-13.2688	0.0000	
Beam 7: End 1: 34: SLU13 [Combination 13]	0.0000	0.0000	-813.1091	1082.5313	-75.2315	0.0000	
Beam 7: End 1: 35: SLU14 [Combination 14]	0.0000	0.0000	-750.3704	985.0286	-51.1873	0.0000	
Beam 7: End 1: 36: SLU15 [Combination 15]	0.0000	0.0000	-769.0724	999.9200	-51.2963	0.0000	
Beam 7: End 1: 37: SLU16 [Combination 16]	0.0000	0.0000	-830.8975	1118.3964	-85.7266	0.0000	
Beam 7: End 1: 38: SLU17 [Combination 17]	0.0000	0.0000	-803.8405	1064.9353	-75.3404	0.0000	
Beam 7: End 1: 39: SLU18 [Combination 18]	0.0000	0.0000	-432.6573	480.2407	-24.4643	0.0000	
Beam 7: End 1: 40: SLU19 [Combination 19]	0.0000	0.0000	-821.1525	1111.6331	-85.7266	0.0000	
Beam 7: End 1: 41: SLU20 [Combination 20]	0.0000	0.0000	-341.0685	402.4181	-34.8505	0.0000	
Beam 7: End 1: 42: SLU21 [Combination 21]	0.0000	0.0000	-734.9915	915.0308	-34.8505	0.0000	
Beam 7: End 1: 43: SLU22 [Combination 22]	0.0000	0.0000	-569.7478	613.6467	34.0102	0.0000	
Beam 7: End 1: 44: SLU23 [Combination 23]	0.0000	0.0000	-654.7559	792.2627	-9.2692	0.0000	
Beam 7: End 1: 45: SLU24 [Combination 24]	0.0000	0.0000	-687.2395	814.8070	-9.2692	0.0000	
Beam 7: End 1: 46: SLU25 [Combination 25]	0.0000	0.0000	-849.5155	1114.1716	-65.4486	0.0000	
Beam 7: End 1: 47: SLU26 [Combination 26]	0.0000	0.0000	-783.2257	1017.3405	-60.4491	0.0000	

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Beam 7: End 1: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	-359.7716	435.2124	-30.9968
0.0000					
Beam 7: End 1: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	-344.7494	414.4013	-30.9968
0.0000					
Beam 7: End 1: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	-298.2157	289.5375	7.7991
0.0000					
Beam 7: End 1: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	-283.1936	268.7264	7.7991
0.0000					
Beam 7: End 1: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	-364.0251	428.0050	-17.4182
0.0000					
Beam 7: End 1: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	-313.9514	358.6347	-17.4182
0.0000					
Beam 7: End 1: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	-345.5584	384.3025	-5.7794
0.0000					
Beam 7: End 1: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	-295.4847	314.9322	-5.7794
0.0000					
Beam 7: End 1: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	-350.1298	420.8001	-30.0430
0.0000					
Beam 7: End 1: 57: SLU_SISMA10 [Combination 36]	0.0000	0.0000	-335.1077	399.9890	-30.0430
0.0000					
Beam 7: End 1: 58: SLU_SISMA11 [Combination 37]	0.0000	0.0000	-288.5740	275.1252	8.7529
0.0000					
Beam 7: End 1: 59: SLU_SISMA12 [Combination 38]	0.0000	0.0000	-273.5519	254.3141	8.7529
0.0000					
Beam 7: End 1: 60: SLU_SISMA13 [Combination 39]	0.0000	0.0000	-354.3834	413.5927	-16.4644
0.0000					
Beam 7: End 1: 61: SLU_SISMA14 [Combination 40]	0.0000	0.0000	-304.3097	344.2223	-16.4644
0.0000					
Beam 7: End 1: 62: SLU_SISMA15 [Combination 41]	0.0000	0.0000	-335.9167	369.8902	-4.8256
0.0000					
Beam 7: End 1: 63: SLU_SISMA16 [Combination 42]	0.0000	0.0000	-285.8429	300.5199	-4.8256
0.0000					

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Beam 7: End 1: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	-392.9704	394.4830	28.8153	
Beam 7: End 1: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	-515.8254	636.3879	-29.4377	
Beam 7: End 1: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	-548.1107	729.5639	-51.3967	
Beam 7: End 1: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	-364.9150	358.5839	27.7584	
Beam 7: End 1: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	-483.7835	592.0382	-28.3808	
Beam 7: End 1: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	-509.5437	671.9145	-47.5815	
Beam 7: End 1: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	-587.6375	766.8465	-43.9305	
Beam 7: End 1: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	-541.9204	700.0664	-40.4826	
Beam 7: End 1: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	-279.9882	282.5469	-0.3112	
Beam 7: End 1: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	-529.9799	678.0587	-36.9221	
Beam 7: End 1: 74: SLE_FREQ02 [Combination 53] 0.0000	0.0000	0.0000	-493.4063	624.6347	-34.1638	
Beam 7: End 1: 75: SLU/SLV [Absolute Envelope 1] 0.0000	0.0000	0.0000	900.8001	1222.8858	92.6417	
Beam 7: End 1: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	900.8001	1222.8858	92.6417	0.0000
Beam 7: End 1: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	364.0251	435.2124	30.9968	0.0000
Beam 7: End 1: 78: SLE R [Absolute Envelope 4] 0.0000	0.0000	0.0000	587.6375	766.8465	51.3967	
Beam 7: End 1: 79: SLE F [Absolute Envelope 5] 0.0000	0.0000	0.0000	529.9799	678.0587	36.9221	
Beam 7: End 1: 80: SLE QP [Absolute Envelope 6] 0.0000	0.0000	0.0000	279.9882	282.5469	0.3112	

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Beam 7: End 2: 1: PP	0.0000	0.0000	-124.3914	-72.8159	0.0000	0.0000	
Beam 7: End 2: 2: PERM	0.0000	0.0000	-44.1904	-5.1817	0.0000	0.0000	
Beam 7: End 2: 3: SPTSX	0.0000	0.0000	-48.3283	9.5261	-29.6749	0.0000	
Beam 7: End 2: 4: SPTDX	0.0000	0.0000	72.5243	-21.8124	29.6749	0.0000	
Beam 7: End 2: 5: SPTW	0.0000	0.0000	0.2270	6.0101	-0.3112	0.0000	
Beam 7: End 2: 6: ACC_LM71	0.0000	0.0000	-136.3127	1.5340	0.0000	0.0000	
Beam 7: End 2: 7: ACC_SW2	0.0000	0.0000	-112.8281	1.2697	0.0000	0.0000	
Beam 7: End 2: 8: SPACCSX_LM71	0.0000	0.0000	-32.9659	9.3654	-20.0301	0.0000	
Beam 7: End 2: 9: SPACCDX_LM71	0.0000	0.0000	44.1757	-16.4824	20.0301	0.0000	
Beam 7: End 2: 10: SPACCSX_SW2	0.0000	0.0000	-27.2914	7.7539	-16.5822	0.0000	
Beam 7: End 2: 11: SPACCDX_SW2	0.0000	0.0000	36.5707	-13.6451	16.5822	0.0000	
Beam 7: End 2: 12: AVV_LM71	0.0000	0.0000	-62.8981	30.1089	-36.4081	0.0000	
Beam 7: End 2: 13: FREN_SW2	0.0000	0.0000	-60.6157	29.0164	-35.0870	0.0000	
Beam 7: End 2: 14: SERP	0.0000	0.0000	-0.1913	0.0916	-0.1107	0.0000	
Beam 7: End 2: 15: TERM	0.0000	0.0000	-11.1239	-11.4726	0.0000	0.0000	
Beam 7: End 2: 16: RITIRO	0.0000	0.0000	8.3059	8.5662	0.0000	0.0000	
Beam 7: End 2: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Beam 7: End 2: 18: SISMA_H	0.0000	0.0000	-99.7357	44.3490	-56.3230	0.0000	
Beam 7: End 2: 19: SISMA_V	0.0000	0.0000	-14.8821	0.1675	0.0000	0.0000	
Beam 7: End 2: 20: SPSSX	0.0000	0.0000	-60.3549	15.4395	-36.9250	0.0000	
Beam 7: End 2: 21: SPSPDX	0.0000	0.0000	83.7698	-30.4763	36.9250	0.0000	
Beam 7: End 2: 22: SLU01 [Combination 1]	0.0000	0.0000	-546.4470	-52.8881	-82.1465	0.0000	
Beam 7: End 2: 23: SLU02 [Combination 2]	0.0000	0.0000	-478.6680	-45.8632	-53.1029	0.0000	
Beam 7: End 2: 24: SLU03 [Combination 3]	0.0000	0.0000	-498.5671	-64.3644	-53.2119	0.0000	
Beam 7: End 2: 25: SLU04 [Combination 4]	0.0000	0.0000	-563.2825	-47.4505	-92.6417	0.0000	
Beam 7: End 2: 26: SLU05 [Combination 5]	0.0000	0.0000	-537.8990	-55.0848	-82.2555	0.0000	
Beam 7: End 2: 27: SLU06 [Combination 6]	0.0000	0.0000	-249.0434	-100.9671	-29.4637	0.0000	
Beam 7: End 2: 28: SLU07 [Combination 7]	0.0000	0.0000	-553.2710	-37.1252	-92.6417	0.0000	
Beam 7: End 2: 29: SLU08 [Combination 8]	0.0000	0.0000	-208.7948	-65.2563	-39.8500	0.0000	
Beam 7: End 2: 30: SLU09 [Combination 9]	0.0000	0.0000	-472.1248	-91.1543	-39.8500	0.0000	

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Beam 7: End 2: 31: SLU10 [Combination 10]	0.0000	0.0000	-297.9480	-118.9514	39.0097	0.0000
Beam 7: End 2: 32: SLU11 [Combination 11]	0.0000	0.0000	-393.5689	-77.3046	-13.2688	0.0000
Beam 7: End 2: 33: SLU12 [Combination 12]	0.0000	0.0000	-426.9406	-111.7223	-13.2688	0.0000
Beam 7: End 2: 34: SLU13 [Combination 13]	0.0000	0.0000	-500.8570	-57.1922	-75.2315	0.0000
Beam 7: End 2: 35: SLU14 [Combination 14]	0.0000	0.0000	-441.3060	-47.8306	-51.1873	0.0000
Beam 7: End 2: 36: SLU15 [Combination 15]	0.0000	0.0000	-461.2051	-66.3318	-51.2963	0.0000
Beam 7: End 2: 37: SLU16 [Combination 16]	0.0000	0.0000	-517.6925	-51.7545	-85.7266	0.0000
Beam 7: End 2: 38: SLU17 [Combination 17]	0.0000	0.0000	-492.3090	-59.3889	-75.3404	0.0000
Beam 7: End 2: 39: SLU18 [Combination 18]	0.0000	0.0000	-240.8154	-103.3037	-24.4643	0.0000
Beam 7: End 2: 40: SLU19 [Combination 19]	0.0000	0.0000	-507.6810	-41.4292	-85.7266	0.0000
Beam 7: End 2: 41: SLU20 [Combination 20]	0.0000	0.0000	-200.5668	-67.5930	-34.8505	0.0000
Beam 7: End 2: 42: SLU21 [Combination 21]	0.0000	0.0000	-429.8442	-93.8742	-34.8505	0.0000
Beam 7: End 2: 43: SLU22 [Combination 22]	0.0000	0.0000	-274.9227	-115.2206	34.0102	0.0000
Beam 7: End 2: 44: SLU23 [Combination 23]	0.0000	0.0000	-352.9338	-79.5571	-9.2692	0.0000
Beam 7: End 2: 45: SLU24 [Combination 24]	0.0000	0.0000	-386.3056	-113.9748	-9.2692	0.0000
Beam 7: End 2: 46: SLU25 [Combination 25]	0.0000	0.0000	-516.3041	-69.9388	-65.4486	0.0000
Beam 7: End 2: 47: SLU26 [Combination 26]	0.0000	0.0000	-474.0235	-72.6586	-60.4491	0.0000
Beam 7: End 2: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	-197.1569	-47.8467	-30.9968	0.0000
Beam 7: End 2: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	-188.2276	-47.9472	-30.9968	0.0000
Beam 7: End 2: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	-141.8101	-90.6290	7.7991	0.0000
Beam 7: End 2: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	-132.8808	-90.7295	7.7991	0.0000
Beam 7: End 2: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	-196.3982	-57.4404	-17.4182	0.0000
Beam 7: End 2: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	-166.6340	-57.7753	-17.4182	0.0000
Beam 7: End 2: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	-179.7941	-70.2751	-5.7794	0.0000

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Beam 7: End 2: 55: SLU_SISMA08 [Combination 34] 0.0000	0.0000	0.0000	-150.0300	-70.6100	-5.7794
Beam 7: End 2: 56: SLU_SISMA09 [Combination 35] 0.0000	0.0000	0.0000	-190.8686	-48.4404	-30.0430
Beam 7: End 2: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	-181.9393	-48.5408	-30.0430
Beam 7: End 2: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	-135.5218	-91.2226	8.7529
Beam 7: End 2: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	-126.5926	-91.3231	8.7529
Beam 7: End 2: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	-190.1099	-58.0340	-16.4644
Beam 7: End 2: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	-160.3457	-58.3690	-16.4644
Beam 7: End 2: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	-173.5058	-70.8687	-4.8256
Beam 7: End 2: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	-143.7417	-71.2037	-4.8256
Beam 7: End 2: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	-187.2482	-105.9438	28.8153
Beam 7: End 2: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	-301.2338	-71.5366	-29.4377
Beam 7: End 2: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	-329.4247	-31.6550	-51.3967
Beam 7: End 2: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	-171.8309	-104.3006	27.7584
Beam 7: End 2: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	-282.1648	-71.6414	-28.3808
Beam 7: End 2: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	-304.2716	-34.0296	-47.5815
Beam 7: End 2: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	-351.7670	-47.5286	-43.9305

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Beam 7: End 2: 71: SLE_RARA08 [Combination 50]	0.0000	0.0000	-322.6080	-49.4044	-40.4826	
0.0000						
Beam 7: End 2: 72: SLE_QPERM01 [Combination 51]	0.0000	0.0000	-144.1588	-84.2738	-0.3112	
0.0000						
Beam 7: End 2: 73: SLE_FREQ01 [Combination 52]	0.0000	0.0000	-313.8368	-53.3387	-36.9221	
0.0000						
Beam 7: End 2: 74: SLE_FREQ02 [Combination 53]	0.0000	0.0000	-290.5095	-54.8393	-34.1638	
0.0000						
Beam 7: End 2: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	563.2825	118.9514	92.6417	
0.0000						
Beam 7: End 2: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	563.2825	118.9514	92.6417	0.0000
Beam 7: End 2: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	197.1569	91.3231	30.9968	0.0000
Beam 7: End 2: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	351.7670	105.9438	51.3967	
0.0000						
Beam 7: End 2: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	313.8368	54.8393	36.9221	
0.0000						
Beam 7: End 2: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	144.1588	84.2738	0.3112	
0.0000						
Beam 8: End 1: 1: PP	0.0000	0.0000	-124.3914	-72.8159	0.0000	0.0000
Beam 8: End 1: 2: PERM	0.0000	0.0000	-44.1904	-5.1817	0.0000	0.0000
Beam 8: End 1: 3: SPTSX	0.0000	0.0000	-48.3283	9.5261	-29.6749	0.0000
Beam 8: End 1: 4: SPTDX	0.0000	0.0000	72.5243	-21.8124	29.6749	0.0000
Beam 8: End 1: 5: SPTW	0.0000	0.0000	0.2270	6.0101	-0.3112	0.0000
Beam 8: End 1: 6: ACC_LM71	0.0000	0.0000	-136.3127	1.5340	0.0000	0.0000
Beam 8: End 1: 7: ACC_SW2	0.0000	0.0000	-112.8281	1.2697	0.0000	0.0000
Beam 8: End 1: 8: SPACCSX_LM71	0.0000	0.0000	-32.9659	9.3654	-20.0301	0.0000
Beam 8: End 1: 9: SPACCDX_LM71	0.0000	0.0000	44.1757	-16.4824	20.0301	0.0000
Beam 8: End 1: 10: SPACCSX_SW2	0.0000	0.0000	-27.2914	7.7539	-16.5822	0.0000
Beam 8: End 1: 11: SPACCDX_SW2	0.0000	0.0000	36.5707	-13.6451	16.5822	0.0000
Beam 8: End 1: 12: AVV_LM71	0.0000	0.0000	-62.8981	30.1089	-36.4081	0.0000
Beam 8: End 1: 13: FREN_SW2	0.0000	0.0000	-60.6157	29.0164	-35.0870	0.0000

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	<p>Progetto</p> <p>IN17</p>	<p>Lotto</p> <p>12</p>	<p>Codifica</p> <p>EI2CLSL1000001</p>	<p>A</p>

Beam 8: End 1: 14: SERP	0.0000	0.0000	-0.1913	0.0916	-0.1107	0.0000	
Beam 8: End 1: 15: TERM	0.0000	0.0000	-11.1239	-11.4726	0.0000	0.0000	
Beam 8: End 1: 16: RITIRO	0.0000	0.0000	8.3059	8.5662	0.0000	0.0000	
Beam 8: End 1: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Beam 8: End 1: 18: SISMA_H	0.0000	0.0000	-99.7357	44.3490	-56.3230	0.0000	
Beam 8: End 1: 19: SISMA_V	0.0000	0.0000	-14.8821	0.1675	0.0000	0.0000	
Beam 8: End 1: 20: SPSSX	0.0000	0.0000	-60.3549	15.4395	-36.9250	0.0000	
Beam 8: End 1: 21: SPSDX	0.0000	0.0000	83.7698	-30.4763	36.9250	0.0000	
Beam 8: End 1: 22: SLU01 [Combination 1]	0.0000	0.0000	0.0000	-546.4470	-52.8881	-82.1465	0.0000
Beam 8: End 1: 23: SLU02 [Combination 2]	0.0000	0.0000	0.0000	-478.6680	-45.8632	-53.1029	0.0000
Beam 8: End 1: 24: SLU03 [Combination 3]	0.0000	0.0000	0.0000	-498.5671	-64.3644	-53.2119	0.0000
Beam 8: End 1: 25: SLU04 [Combination 4]	0.0000	0.0000	0.0000	-563.2825	-47.4505	-92.6417	0.0000
Beam 8: End 1: 26: SLU05 [Combination 5]	0.0000	0.0000	0.0000	-537.8990	-55.0848	-82.2555	0.0000
Beam 8: End 1: 27: SLU06 [Combination 6]	0.0000	0.0000	0.0000	-249.0434	-100.9671	-29.4637	0.0000
Beam 8: End 1: 28: SLU07 [Combination 7]	0.0000	0.0000	0.0000	-553.2710	-37.1252	-92.6417	0.0000
Beam 8: End 1: 29: SLU08 [Combination 8]	0.0000	0.0000	0.0000	-208.7948	-65.2563	-39.8500	0.0000
Beam 8: End 1: 30: SLU09 [Combination 9]	0.0000	0.0000	0.0000	-472.1248	-91.1543	-39.8500	0.0000
Beam 8: End 1: 31: SLU10 [Combination 10]	0.0000	0.0000	0.0000	-297.9480	-118.9514	39.0097	0.0000
Beam 8: End 1: 32: SLU11 [Combination 11]	0.0000	0.0000	0.0000	-393.5689	-77.3046	-13.2688	0.0000
Beam 8: End 1: 33: SLU12 [Combination 12]	0.0000	0.0000	0.0000	-426.9406	-111.7223	-13.2688	0.0000
Beam 8: End 1: 34: SLU13 [Combination 13]	0.0000	0.0000	0.0000	-500.8570	-57.1922	-75.2315	0.0000
Beam 8: End 1: 35: SLU14 [Combination 14]	0.0000	0.0000	0.0000	-441.3060	-47.8306	-51.1873	0.0000
Beam 8: End 1: 36: SLU15 [Combination 15]	0.0000	0.0000	0.0000	-461.2051	-66.3318	-51.2963	0.0000
Beam 8: End 1: 37: SLU16 [Combination 16]	0.0000	0.0000	0.0000	-517.6925	-51.7545	-85.7266	0.0000
Beam 8: End 1: 38: SLU17 [Combination 17]	0.0000	0.0000	0.0000	-492.3090	-59.3889	-75.3404	0.0000
Beam 8: End 1: 39: SLU18 [Combination 18]	0.0000	0.0000	0.0000	-240.8154	-103.3037	-24.4643	0.0000
Beam 8: End 1: 40: SLU19 [Combination 19]	0.0000	0.0000	0.0000	-507.6810	-41.4292	-85.7266	0.0000
Beam 8: End 1: 41: SLU20 [Combination 20]	0.0000	0.0000	0.0000	-200.5668	-67.5930	-34.8505	0.0000
Beam 8: End 1: 42: SLU21 [Combination 21]	0.0000	0.0000	0.0000	-429.8442	-93.8742	-34.8505	0.0000
Beam 8: End 1: 43: SLU22 [Combination 22]	0.0000	0.0000	0.0000	-274.9227	-115.2206	34.0102	0.0000

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Beam 8: End 1: 44: SLU23 [Combination 23]	0.0000	0.0000	-352.9338	-79.5571	-9.2692	0.0000
Beam 8: End 1: 45: SLU24 [Combination 24]	0.0000	0.0000	-386.3056	-113.9748	-9.2692	0.0000
Beam 8: End 1: 46: SLU25 [Combination 25]	0.0000	0.0000	-516.3041	-69.9388	-65.4486	0.0000
Beam 8: End 1: 47: SLU26 [Combination 26]	0.0000	0.0000	-474.0235	-72.6586	-60.4491	0.0000
Beam 8: End 1: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	-197.1569	-47.8467	-30.9968	0.0000
Beam 8: End 1: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	-188.2276	-47.9472	-30.9968	0.0000
Beam 8: End 1: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	-141.8101	-90.6290	7.7991	0.0000
Beam 8: End 1: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	-132.8808	-90.7295	7.7991	0.0000
Beam 8: End 1: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	-196.3982	-57.4404	-17.4182	0.0000
Beam 8: End 1: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	-166.6340	-57.7753	-17.4182	0.0000
Beam 8: End 1: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	-179.7941	-70.2751	-5.7794	0.0000
Beam 8: End 1: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	-150.0300	-70.6100	-5.7794	0.0000
Beam 8: End 1: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	-190.8686	-48.4404	-30.0430	0.0000
Beam 8: End 1: 57: SLU_SISMA10 [Combination 36]	0.0000	0.0000	-181.9393	-48.5408	-30.0430	0.0000
Beam 8: End 1: 58: SLU_SISMA11 [Combination 37]	0.0000	0.0000	-135.5218	-91.2226	8.7529	0.0000
Beam 8: End 1: 59: SLU_SISMA12 [Combination 38]	0.0000	0.0000	-126.5926	-91.3231	8.7529	0.0000
Beam 8: End 1: 60: SLU_SISMA13 [Combination 39]	0.0000	0.0000	-190.1099	-58.0340	-16.4644	0.0000
Beam 8: End 1: 61: SLU_SISMA14 [Combination 40]	0.0000	0.0000	-160.3457	-58.3690	-16.4644	0.0000

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Beam 8: End 1: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	-173.5058	-70.8687	-4.8256	
Beam 8: End 1: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	-143.7417	-71.2037	-4.8256	
Beam 8: End 1: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	-187.2482	-105.9438	28.8153	
Beam 8: End 1: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	-301.2338	-71.5366	-29.4377	
Beam 8: End 1: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	-329.4247	-31.6550	-51.3967	
Beam 8: End 1: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	-171.8309	-104.3006	27.7584	
Beam 8: End 1: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	-282.1648	-71.6414	-28.3808	
Beam 8: End 1: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	-304.2716	-34.0296	-47.5815	
Beam 8: End 1: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	-351.7670	-47.5286	-43.9305	
Beam 8: End 1: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	-322.6080	-49.4044	-40.4826	
Beam 8: End 1: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	-144.1588	-84.2738	-0.3112	
Beam 8: End 1: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	-313.8368	-53.3387	-36.9221	
Beam 8: End 1: 74: SLE_FREQ02 [Combination 53] 0.0000	0.0000	0.0000	-290.5095	-54.8393	-34.1638	
Beam 8: End 1: 75: SLU/SLV [Absolute Envelope 1] 0.0000	0.0000	0.0000	563.2825	118.9514	92.6417	
Beam 8: End 1: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	563.2825	118.9514	92.6417	0.0000
Beam 8: End 1: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	197.1569	91.3231	30.9968	0.0000
Beam 8: End 1: 78: SLE R [Absolute Envelope 4] 0.0000	0.0000	0.0000	351.7670	105.9438	51.3967	

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Beam 8: End 1: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	313.8368	54.8393	36.9221	
0.0000						
Beam 8: End 1: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	144.1588	84.2738	0.3112	
0.0000						
Beam 8: End 2: 1: PP	0.0000	0.0000	-19.1519	-196.2597	0.0000	0.0000
Beam 8: End 2: 2: PERM	0.0000	0.0000	-12.9509	-54.2917	0.0000	0.0000
Beam 8: End 2: 3: SPTSX	0.0000	0.0000	-34.5088	-63.0320	-29.6749	0.0000
Beam 8: End 2: 4: SPTDX	0.0000	0.0000	58.7663	92.3810	29.6749	0.0000
Beam 8: End 2: 5: SPTW	0.0000	0.0000	-1.5987	4.8242	-0.3112	0.0000
Beam 8: End 2: 6: ACC_LM71	0.0000	0.0000	-44.7662	-154.0709	0.0000	0.0000
Beam 8: End 2: 7: ACC_SW2	0.0000	0.0000	-37.0536	-127.5268	0.0000	0.0000
Beam 8: End 2: 8: SPACCSX_LM71	0.0000	0.0000	-23.7328	-40.2734	-20.0301	0.0000
Beam 8: End 2: 9: SPACCDX_LM71	0.0000	0.0000	34.9512	52.4263	20.0301	0.0000
Beam 8: End 2: 10: SPACCSX_SW2	0.0000	0.0000	-19.6476	-33.3404	-16.5822	0.0000
Beam 8: End 2: 11: SPACCDX_SW2	0.0000	0.0000	28.9340	43.4005	16.5822	0.0000
Beam 8: End 2: 12: AVV_LM71	0.0000	0.0000	-46.0233	-65.1469	-36.4081	0.0000
Beam 8: End 2: 13: FREN_SW2	0.0000	0.0000	-44.3533	-62.7830	-35.0870	0.0000
Beam 8: End 2: 14: SERP	0.0000	0.0000	-0.1400	-0.1982	-0.1107	0.0000
Beam 8: End 2: 15: TERM	0.0000	0.0000	-11.3925	-30.8477	0.0000	0.0000
Beam 8: End 2: 16: RITIRO	0.0000	0.0000	8.5064	23.0330	0.0000	0.0000
Beam 8: End 2: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Beam 8: End 2: 18: SISMA_H	0.0000	0.0000	-73.6655	-107.2241	-56.3230	0.0000
Beam 8: End 2: 19: SISMA_V	0.0000	0.0000	-4.8874	-16.8208	0.0000	0.0000
Beam 8: End 2: 20: SPSSX	0.0000	0.0000	-43.3515	-75.3679	-36.9250	0.0000
Beam 8: End 2: 21: SPSDX	0.0000	0.0000	66.7818	100.5793	36.9250	0.0000
Beam 8: End 2: 22: SLU01 [Combination 1]	0.0000	0.0000	-188.6798	-688.4771	-82.1465	0.0000
Beam 8: End 2: 23: SLU02 [Combination 2]	0.0000	0.0000	-133.8063	-574.6782	-53.1029	0.0000
Beam 8: End 2: 24: SLU03 [Combination 3]	0.0000	0.0000	-154.8269	-628.3922	-53.2119	0.0000
Beam 8: End 2: 25: SLU04 [Combination 4]	0.0000	0.0000	-201.3174	-708.8498	-92.6417	0.0000
Beam 8: End 2: 26: SLU05 [Combination 5]	0.0000	0.0000	-180.7492	-676.5165	-82.2555	0.0000
Beam 8: End 2: 27: SLU06 [Combination 6]	0.0000	0.0000	-49.1046	-358.6507	-29.4637	0.0000

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
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Beam 8: End 2: 28: SLU07 [Combination 7]	0.0000	0.0000	-191.0642	-681.0869	-92.6417	0.0000
Beam 8: End 2: 29: SLU08 [Combination 8]	0.0000	0.0000	-56.4941	-295.1473	-39.8500	0.0000
Beam 8: End 2: 30: SLU09 [Combination 9]	0.0000	0.0000	-134.6293	-614.5102	-39.8500	0.0000
Beam 8: End 2: 31: SLU10 [Combination 10]	0.0000	0.0000	3.6153	-370.1752	39.0097	0.0000
Beam 8: End 2: 32: SLU11 [Combination 11]	0.0000	0.0000	-67.7584	-474.4019	-13.2688	0.0000
Beam 8: End 2: 33: SLU12 [Combination 12]	0.0000	0.0000	-101.9360	-566.9450	-13.2688	0.0000
Beam 8: End 2: 34: SLU13 [Combination 13]	0.0000	0.0000	-169.1517	-636.5078	-75.2315	0.0000
Beam 8: End 2: 35: SLU14 [Combination 14]	0.0000	0.0000	-120.2017	-532.7617	-51.1873	0.0000
Beam 8: End 2: 36: SLU15 [Combination 15]	0.0000	0.0000	-141.2222	-586.4757	-51.2963	0.0000
Beam 8: End 2: 37: SLU16 [Combination 16]	0.0000	0.0000	-181.7893	-656.8805	-85.7266	0.0000
Beam 8: End 2: 38: SLU17 [Combination 17]	0.0000	0.0000	-161.2211	-624.5472	-75.3404	0.0000
Beam 8: End 2: 39: SLU18 [Combination 18]	0.0000	0.0000	-43.1811	-348.5980	-24.4643	0.0000
Beam 8: End 2: 40: SLU19 [Combination 19]	0.0000	0.0000	-171.5361	-629.1176	-85.7266	0.0000
Beam 8: End 2: 41: SLU20 [Combination 20]	0.0000	0.0000	-50.5707	-285.0946	-34.8505	0.0000
Beam 8: End 2: 42: SLU21 [Combination 21]	0.0000	0.0000	-117.5227	-565.9686	-34.8505	0.0000
Beam 8: End 2: 43: SLU22 [Combination 22]	0.0000	0.0000	6.0735	-344.7738	34.0102	0.0000
Beam 8: End 2: 44: SLU23 [Combination 23]	0.0000	0.0000	-51.8365	-427.8708	-9.2692	0.0000
Beam 8: End 2: 45: SLU24 [Combination 24]	0.0000	0.0000	-86.0141	-520.4140	-9.2692	0.0000
Beam 8: End 2: 46: SLU25 [Combination 25]	0.0000	0.0000	-166.9428	-660.1918	-65.4486	0.0000
Beam 8: End 2: 47: SLU26 [Combination 26]	0.0000	0.0000	-149.8362	-611.6502	-60.4491	0.0000
Beam 8: End 2: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	-26.4957	-241.5106	-30.9968	0.0000
Beam 8: End 2: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	-23.5633	-231.4181	-30.9968	0.0000
Beam 8: End 2: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	10.7020	-203.0097	7.7991	0.0000
Beam 8: End 2: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	13.6344	-192.9172	7.7991	0.0000
Beam 8: End 2: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	-25.0983	-248.6339	-17.4182	0.0000

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Beam 8: End 2: 53: SLU_SISMA06 [Combination 32] 0.0000	0.0000	0.0000	-15.3235	-214.9922	-17.4182
Beam 8: End 2: 54: SLU_SISMA07 [Combination 33] 0.0000	0.0000	0.0000	-13.9390	-237.0836	-5.7794
Beam 8: End 2: 55: SLU_SISMA08 [Combination 34] 0.0000	0.0000	0.0000	-4.1642	-203.4419	-5.7794
Beam 8: End 2: 56: SLU_SISMA09 [Combination 35] 0.0000	0.0000	0.0000	-23.8022	-234.3424	-30.0430
Beam 8: End 2: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	-20.8697	-224.2499	-30.0430
Beam 8: End 2: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	13.3955	-195.8415	8.7529
Beam 8: End 2: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	16.3280	-185.7490	8.7529
Beam 8: End 2: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	-22.4047	-241.4657	-16.4644
Beam 8: End 2: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	-12.6300	-207.8240	-16.4644
Beam 8: End 2: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	-11.2454	-229.9154	-4.8256
Beam 8: End 2: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	-1.4706	-196.2737	-4.8256
Beam 8: End 2: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	7.3719	-259.2864	28.8153
Beam 8: End 2: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	-79.9363	-400.5386	-29.4377
Beam 8: End 2: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	-97.4731	-400.9057	-51.3967
Beam 8: End 2: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	10.6603	-241.6166	27.7584
Beam 8: End 2: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	-73.9760	-379.0866	-28.3808

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Beam 8: End 2: 69: SLE_RARA06 [Combination 48]	0.0000	0.0000	-86.6990	-372.2330	-47.5815	
0.0000						
Beam 8: End 2: 70: SLE_RARA07 [Combination 49]	0.0000	0.0000	-105.1773	-442.2796	-43.9305	
0.0000						
Beam 8: End 2: 71: SLE_RARA08 [Combination 50]	0.0000	0.0000	-93.3796	-408.8027	-40.4826	
0.0000						
Beam 8: End 2: 72: SLE_QPERM01 [Combination 51]	0.0000	0.0000	-9.4440	-216.3782	-0.3112	
0.0000						
Beam 8: End 2: 73: SLE_FREQ01 [Combination 52]	0.0000	0.0000	-88.8214	-401.1232	-36.9221	
0.0000						
Beam 8: End 2: 74: SLE_FREQ02 [Combination 53]	0.0000	0.0000	-79.3833	-374.3416	-34.1638	
0.0000						
Beam 8: End 2: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	201.3174	708.8498	92.6417	
0.0000						
Beam 8: End 2: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	201.3174	708.8498	92.6417	0.0000
Beam 8: End 2: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	26.4957	248.6339	30.9968	0.0000
Beam 8: End 2: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	105.1773	442.2796	51.3967	
0.0000						
Beam 8: End 2: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	88.8214	401.1232	36.9221	
0.0000						
Beam 8: End 2: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	9.4440	216.3782	0.3112	
0.0000						
Beam 9: End 1: 1: PP	0.0000	0.0000	-19.1519	-196.2597	0.0000	0.0000
Beam 9: End 1: 2: PERM	0.0000	0.0000	-12.9509	-54.2917	0.0000	0.0000
Beam 9: End 1: 3: SPTSX	0.0000	0.0000	-34.5088	-63.0320	-29.6749	0.0000
Beam 9: End 1: 4: SPTDX	0.0000	0.0000	58.7663	92.3810	29.6749	0.0000
Beam 9: End 1: 5: SPTW	0.0000	0.0000	-1.5987	4.8242	-0.3112	0.0000
Beam 9: End 1: 6: ACC_LM71	0.0000	0.0000	-44.7662	-154.0709	0.0000	0.0000
Beam 9: End 1: 7: ACC_SW2	0.0000	0.0000	-37.0536	-127.5268	0.0000	0.0000
Beam 9: End 1: 8: SPACCSX_LM71	0.0000	0.0000	-23.7328	-40.2734	-20.0301	0.0000
Beam 9: End 1: 9: SPACCDX_LM71	0.0000	0.0000	34.9512	52.4263	20.0301	0.0000
Beam 9: End 1: 10: SPACCSX_SW2	0.0000	0.0000	-19.6476	-33.3404	-16.5822	0.0000

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Beam 9: End 1: 11: SPACCDX_SW2	0.0000	0.0000	28.9340	43.4005	16.5822	0.0000
Beam 9: End 1: 12: AVV_LM71	0.0000	0.0000	-46.0233	-65.1469	-36.4081	0.0000
Beam 9: End 1: 13: FREN_SW2	0.0000	0.0000	-44.3533	-62.7830	-35.0870	0.0000
Beam 9: End 1: 14: SERP	0.0000	0.0000	-0.1400	-0.1982	-0.1107	0.0000
Beam 9: End 1: 15: TERM	0.0000	0.0000	-11.3925	-30.8477	0.0000	0.0000
Beam 9: End 1: 16: RITIRO	0.0000	0.0000	8.5064	23.0330	0.0000	0.0000
Beam 9: End 1: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Beam 9: End 1: 18: SISMA_H	0.0000	0.0000	-73.6655	-107.2241	-56.3230	0.0000
Beam 9: End 1: 19: SISMA_V	0.0000	0.0000	-4.8874	-16.8208	0.0000	0.0000
Beam 9: End 1: 20: SPSSX	0.0000	0.0000	-43.3515	-75.3679	-36.9250	0.0000
Beam 9: End 1: 21: SPSDX	0.0000	0.0000	66.7818	100.5793	36.9250	0.0000
Beam 9: End 1: 22: SLU01 [Combination 1]	0.0000	0.0000	-188.6798	-688.4771	-82.1465	0.0000
Beam 9: End 1: 23: SLU02 [Combination 2]	0.0000	0.0000	-133.8063	-574.6782	-53.1029	0.0000
Beam 9: End 1: 24: SLU03 [Combination 3]	0.0000	0.0000	-154.8269	-628.3922	-53.2119	0.0000
Beam 9: End 1: 25: SLU04 [Combination 4]	0.0000	0.0000	-201.3174	-708.8498	-92.6417	0.0000
Beam 9: End 1: 26: SLU05 [Combination 5]	0.0000	0.0000	-180.7492	-676.5165	-82.2555	0.0000
Beam 9: End 1: 27: SLU06 [Combination 6]	0.0000	0.0000	-49.1046	-358.6507	-29.4637	0.0000
Beam 9: End 1: 28: SLU07 [Combination 7]	0.0000	0.0000	-191.0642	-681.0869	-92.6417	0.0000
Beam 9: End 1: 29: SLU08 [Combination 8]	0.0000	0.0000	-56.4941	-295.1473	-39.8500	0.0000
Beam 9: End 1: 30: SLU09 [Combination 9]	0.0000	0.0000	-134.6293	-614.5102	-39.8500	0.0000
Beam 9: End 1: 31: SLU10 [Combination 10]	0.0000	0.0000	3.6153	-370.1752	39.0097	0.0000
Beam 9: End 1: 32: SLU11 [Combination 11]	0.0000	0.0000	-67.7584	-474.4019	-13.2688	0.0000
Beam 9: End 1: 33: SLU12 [Combination 12]	0.0000	0.0000	-101.9360	-566.9450	-13.2688	0.0000
Beam 9: End 1: 34: SLU13 [Combination 13]	0.0000	0.0000	-169.1517	-636.5078	-75.2315	0.0000
Beam 9: End 1: 35: SLU14 [Combination 14]	0.0000	0.0000	-120.2017	-532.7617	-51.1873	0.0000
Beam 9: End 1: 36: SLU15 [Combination 15]	0.0000	0.0000	-141.2222	-586.4757	-51.2963	0.0000
Beam 9: End 1: 37: SLU16 [Combination 16]	0.0000	0.0000	-181.7893	-656.8805	-85.7266	0.0000
Beam 9: End 1: 38: SLU17 [Combination 17]	0.0000	0.0000	-161.2211	-624.5472	-75.3404	0.0000
Beam 9: End 1: 39: SLU18 [Combination 18]	0.0000	0.0000	-43.1811	-348.5980	-24.4643	0.0000
Beam 9: End 1: 40: SLU19 [Combination 19]	0.0000	0.0000	-171.5361	-629.1176	-85.7266	0.0000

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Beam 9: End 1: 41: SLU20 [Combination 20]	0.0000	0.0000	-50.5707	-285.0946	-34.8505	0.0000
Beam 9: End 1: 42: SLU21 [Combination 21]	0.0000	0.0000	-117.5227	-565.9686	-34.8505	0.0000
Beam 9: End 1: 43: SLU22 [Combination 22]	0.0000	0.0000	6.0735	-344.7738	34.0102	0.0000
Beam 9: End 1: 44: SLU23 [Combination 23]	0.0000	0.0000	-51.8365	-427.8708	-9.2692	0.0000
Beam 9: End 1: 45: SLU24 [Combination 24]	0.0000	0.0000	-86.0141	-520.4140	-9.2692	0.0000
Beam 9: End 1: 46: SLU25 [Combination 25]	0.0000	0.0000	-166.9428	-660.1918	-65.4486	0.0000
Beam 9: End 1: 47: SLU26 [Combination 26]	0.0000	0.0000	-149.8362	-611.6502	-60.4491	0.0000
Beam 9: End 1: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	-26.4957	-241.5106	-30.9968	0.0000
Beam 9: End 1: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	-23.5633	-231.4181	-30.9968	0.0000
Beam 9: End 1: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	10.7020	-203.0097	7.7991	0.0000
Beam 9: End 1: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	13.6344	-192.9172	7.7991	0.0000
Beam 9: End 1: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	-25.0983	-248.6339	-17.4182	0.0000
Beam 9: End 1: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	-15.3235	-214.9922	-17.4182	0.0000
Beam 9: End 1: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	-13.9390	-237.0836	-5.7794	0.0000
Beam 9: End 1: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	-4.1642	-203.4419	-5.7794	0.0000
Beam 9: End 1: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	-23.8022	-234.3424	-30.0430	0.0000
Beam 9: End 1: 57: SLU_SISMA10 [Combination 36]	0.0000	0.0000	-20.8697	-224.2499	-30.0430	0.0000
Beam 9: End 1: 58: SLU_SISMA11 [Combination 37]	0.0000	0.0000	13.3955	-195.8415	8.7529	0.0000
Beam 9: End 1: 59: SLU_SISMA12 [Combination 38]	0.0000	0.0000	16.3280	-185.7490	8.7529	0.0000

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Beam 9: End 1: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	-22.4047	-241.4657	-16.4644
Beam 9: End 1: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	-12.6300	-207.8240	-16.4644
Beam 9: End 1: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	-11.2454	-229.9154	-4.8256
Beam 9: End 1: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	-1.4706	-196.2737	-4.8256
Beam 9: End 1: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	7.3719	-259.2864	28.8153
Beam 9: End 1: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	-79.9363	-400.5386	-29.4377
Beam 9: End 1: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	-97.4731	-400.9057	-51.3967
Beam 9: End 1: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	10.6603	-241.6166	27.7584
Beam 9: End 1: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	-73.9760	-379.0866	-28.3808
Beam 9: End 1: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	-86.6990	-372.2330	-47.5815
Beam 9: End 1: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	-105.1773	-442.2796	-43.9305
Beam 9: End 1: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	-93.3796	-408.8027	-40.4826
Beam 9: End 1: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	-9.4440	-216.3782	-0.3112
Beam 9: End 1: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	-88.8214	-401.1232	-36.9221
Beam 9: End 1: 74: SLE_FREQ02 [Combination 53] 0.0000	0.0000	0.0000	-79.3833	-374.3416	-34.1638
Beam 9: End 1: 75: SLU/SLV [Absolute Envelope 1] 0.0000	0.0000	0.0000	201.3174	708.8498	92.6417
Beam 9: End 1: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	201.3174	708.8498	92.6417
					0.0000

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Beam 9: End 1: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	26.4957	248.6339	30.9968	0.0000
Beam 9: End 1: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	105.1773	442.2796	51.3967	0.0000
Beam 9: End 1: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	88.8214	401.1232	36.9221	0.0000
Beam 9: End 1: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	9.4440	216.3782	0.3112	0.0000
Beam 9: End 2: 1: PP	0.0000	0.0000	87.3375	-137.4715	0.0000	0.0000
Beam 9: End 2: 2: PERM	0.0000	0.0000	18.4244	-49.5791	0.0000	0.0000
Beam 9: End 2: 3: SPTSX	0.0000	0.0000	-11.1361	-103.9210	-29.6749	0.0000
Beam 9: End 2: 4: SPTDX	0.0000	0.0000	35.6123	175.4206	29.6749	0.0000
Beam 9: End 2: 5: SPTW	0.0000	0.0000	-3.4100	0.4903	-0.3112	0.0000
Beam 9: End 2: 6: ACC_LM71	0.0000	0.0000	46.9389	-152.2192	0.0000	0.0000
Beam 9: End 2: 7: ACC_SW2	0.0000	0.0000	38.8520	-125.9942	0.0000	0.0000
Beam 9: End 2: 8: SPACCSX_LM71	0.0000	0.0000	-8.1440	-68.7814	-20.0301	0.0000
Beam 9: End 2: 9: SPACCDX_LM71	0.0000	0.0000	19.4646	100.4250	20.0301	0.0000
Beam 9: End 2: 10: SPACCSX_SW2	0.0000	0.0000	-6.7422	-56.9415	-16.5822	0.0000
Beam 9: End 2: 11: SPACCDX_SW2	0.0000	0.0000	16.1132	83.1354	16.5822	0.0000
Beam 9: End 2: 12: AVV_LM71	0.0000	0.0000	-17.7140	-121.9576	-36.4081	0.0000
Beam 9: End 2: 13: FREN_SW2	0.0000	0.0000	-17.0713	-117.5323	-35.0870	0.0000
Beam 9: End 2: 14: SERP	0.0000	0.0000	-0.0539	-0.3709	-0.1107	0.0000
Beam 9: End 2: 15: TERM	0.0000	0.0000	-11.4810	-50.6774	0.0000	0.0000
Beam 9: End 2: 16: RITIRO	0.0000	0.0000	8.5725	37.8391	0.0000	0.0000
Beam 9: End 2: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Beam 9: End 2: 18: SISMA_H	0.0000	0.0000	-29.8960	-199.4057	-56.3230	0.0000
Beam 9: End 2: 19: SISMA_V	0.0000	0.0000	5.1246	-16.6187	0.0000	0.0000
Beam 9: End 2: 20: SPSSX	0.0000	0.0000	-14.6172	-127.2366	-36.9250	0.0000
Beam 9: End 2: 21: SPSDX	0.0000	0.0000	38.2612	193.1549	36.9250	0.0000
Beam 9: End 2: 22: SLU01 [Combination 1]	0.0000	0.0000	197.1757	-685.2548	-82.1465	0.0000
Beam 9: End 2: 23: SLU02 [Combination 2]	0.0000	0.0000	229.6043	-494.5052	-53.1029	0.0000
Beam 9: End 2: 24: SLU03 [Combination 3]	0.0000	0.0000	207.7909	-585.3501	-53.2119	0.0000

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Beam 9: End 2: 25: SLU04 [Combination 4]	0.0000	0.0000	192.0846	-721.4556	-92.6417	0.0000
Beam 9: End 2: 26: SLU05 [Combination 5]	0.0000	0.0000	204.5488	-660.0584	-82.2555	0.0000
Beam 9: End 2: 27: SLU06 [Combination 6]	0.0000	0.0000	162.1728	-262.5019	-29.4637	0.0000
Beam 9: End 2: 28: SLU07 [Combination 7]	0.0000	0.0000	202.4174	-675.8459	-92.6417	0.0000
Beam 9: End 2: 29: SLU08 [Combination 8]	0.0000	0.0000	109.9282	-250.9946	-39.8500	0.0000
Beam 9: End 2: 30: SLU09 [Combination 9]	0.0000	0.0000	217.7240	-544.8197	-39.8500	0.0000
Beam 9: End 2: 31: SLU10 [Combination 10]	0.0000	0.0000	294.7841	-110.4815	39.0097	0.0000
Beam 9: End 2: 32: SLU11 [Combination 11]	0.0000	0.0000	264.0020	-305.4779	-13.2688	0.0000
Beam 9: End 2: 33: SLU12 [Combination 12]	0.0000	0.0000	229.5591	-457.5100	-13.2688	0.0000
Beam 9: End 2: 34: SLU13 [Combination 13]	0.0000	0.0000	188.4143	-623.6438	-75.2315	0.0000
Beam 9: End 2: 35: SLU14 [Combination 14]	0.0000	0.0000	218.8103	-450.0621	-51.1873	0.0000
Beam 9: End 2: 36: SLU15 [Combination 15]	0.0000	0.0000	196.9970	-540.9071	-51.2963	0.0000
Beam 9: End 2: 37: SLU16 [Combination 16]	0.0000	0.0000	183.3231	-659.8446	-85.7266	0.0000
Beam 9: End 2: 38: SLU17 [Combination 17]	0.0000	0.0000	195.7874	-598.4474	-75.3404	0.0000
Beam 9: End 2: 39: SLU18 [Combination 18]	0.0000	0.0000	164.2053	-245.3340	-24.4643	0.0000
Beam 9: End 2: 40: SLU19 [Combination 19]	0.0000	0.0000	193.6560	-614.2349	-85.7266	0.0000
Beam 9: End 2: 41: SLU20 [Combination 20]	0.0000	0.0000	111.9607	-233.8266	-34.8505	0.0000
Beam 9: End 2: 42: SLU21 [Combination 21]	0.0000	0.0000	208.0306	-489.6255	-34.8505	0.0000
Beam 9: End 2: 43: SLU22 [Combination 22]	0.0000	0.0000	278.1987	-97.5252	34.0102	0.0000
Beam 9: End 2: 44: SLU23 [Combination 23]	0.0000	0.0000	253.9021	-253.7172	-9.2692	0.0000
Beam 9: End 2: 45: SLU24 [Combination 24]	0.0000	0.0000	219.4592	-405.7493	-9.2692	0.0000
Beam 9: End 2: 46: SLU25 [Combination 25]	0.0000	0.0000	205.3151	-630.3658	-65.4486	0.0000
Beam 9: End 2: 47: SLU26 [Combination 26]	0.0000	0.0000	195.6217	-575.1716	-60.4491	0.0000
Beam 9: End 2: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	155.2598	-131.7110	-30.9968	0.0000
Beam 9: End 2: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	152.1851	-121.7398	-30.9968	0.0000
Beam 9: End 2: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	162.1733	-53.2911	7.7991	0.0000
Beam 9: End 2: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	159.0986	-43.3199	7.7991	0.0000

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Beam 9: End 2: 52: SLU_SISMA05 [Combination 31] 0.0000	0.0000	0.0000	152.9914	-138.9685	-17.4182
Beam 9: End 2: 53: SLU_SISMA06 [Combination 32] 0.0000	0.0000	0.0000	142.7422	-105.7312	-17.4182
Beam 9: End 2: 54: SLU_SISMA07 [Combination 33] 0.0000	0.0000	0.0000	155.0654	-115.4426	-5.7794
Beam 9: End 2: 55: SLU_SISMA08 [Combination 34] 0.0000	0.0000	0.0000	144.8162	-82.2052	-5.7794
Beam 9: End 2: 56: SLU_SISMA09 [Combination 35] 0.0000	0.0000	0.0000	154.0514	-123.2130	-30.0430
Beam 9: End 2: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	150.9766	-113.2418	-30.0430
Beam 9: End 2: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	160.9649	-44.7930	8.7529
Beam 9: End 2: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	157.8901	-34.8218	8.7529
Beam 9: End 2: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	151.7829	-130.4705	-16.4644
Beam 9: End 2: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	141.5337	-97.2331	-16.4644
Beam 9: End 2: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	153.8570	-106.9445	-4.8256
Beam 9: End 2: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	143.6078	-73.7071	-4.8256
Beam 9: End 2: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	194.4956	-83.5487	28.8153
Beam 9: End 2: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	152.3759	-339.4937	-29.4377
Beam 9: End 2: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	152.0314	-356.2659	-51.3967
Beam 9: End 2: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	185.9521	-70.4687	27.7584

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Beam 9: End 2: 68: SLE_RARA05 [Combination 47]	0.0000	0.0000	144.8609	-319.3332	-28.3808	
0.0000						
Beam 9: End 2: 69: SLE_RARA06 [Combination 48]	0.0000	0.0000	147.1975	-322.2737	-47.5815	
0.0000						
Beam 9: End 2: 70: SLE_RARA07 [Combination 49]	0.0000	0.0000	156.7996	-399.8762	-43.9305	
0.0000						
Beam 9: End 2: 71: SLE_RARA08 [Combination 50]	0.0000	0.0000	150.1145	-361.8112	-40.4826	
0.0000						
Beam 9: End 2: 72: SLE_QPERM01 [Combination 51]	0.0000	0.0000	126.8281	-115.0607	-0.3112	
0.0000						
Beam 9: End 2: 73: SLE_FREQ01 [Combination 52]	0.0000	0.0000	149.3533	-350.6865	-36.9221	
0.0000						
Beam 9: End 2: 74: SLE_FREQ02 [Combination 53]	0.0000	0.0000	144.0052	-320.2345	-34.1638	
0.0000						
Beam 9: End 2: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	294.7841	721.4556	92.6417	
0.0000						
Beam 9: End 2: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	294.7841	721.4556	92.6417	0.0000
Beam 9: End 2: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	162.1733	138.9685	30.9968	0.0000
Beam 9: End 2: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	194.4956	399.8762	51.3967	
0.0000						
Beam 9: End 2: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	149.3533	350.6865	36.9221	
0.0000						
Beam 9: End 2: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	126.8281	115.0607	0.3112	
0.0000						
Beam 10: End 1: 1: PP	0.0000	0.0000	87.3375	-137.4715	0.0000	0.0000
Beam 10: End 1: 2: PERM	0.0000	0.0000	18.4244	-49.5791	0.0000	0.0000
Beam 10: End 1: 3: SPTSX	0.0000	0.0000	-11.1361	-103.9210	-29.6749	0.0000
Beam 10: End 1: 4: SPTDX	0.0000	0.0000	35.6123	175.4206	29.6749	0.0000
Beam 10: End 1: 5: SPTW	0.0000	0.0000	-3.4100	0.4903	-0.3112	0.0000
Beam 10: End 1: 6: ACC_LM71	0.0000	0.0000	46.9389	-152.2192	0.0000	0.0000
Beam 10: End 1: 7: ACC_SW2	0.0000	0.0000	38.8520	-125.9942	0.0000	0.0000
Beam 10: End 1: 8: SPACCSX_LM71	0.0000	0.0000	-8.1440	-68.7814	-20.0301	0.0000

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Beam 10: End 1: 9: SPACCDX_LM71	0.0000	0.0000	19.4646	100.4250	20.0301	0.0000
Beam 10: End 1: 10: SPACCSX_SW2	0.0000	0.0000	-6.7422	-56.9415	-16.5822	0.0000
Beam 10: End 1: 11: SPACCDX_SW2	0.0000	0.0000	16.1132	83.1354	16.5822	0.0000
Beam 10: End 1: 12: AVV_LM71	0.0000	0.0000	-17.7140	-121.9576	-36.4081	0.0000
Beam 10: End 1: 13: FREN_SW2	0.0000	0.0000	-17.0713	-117.5323	-35.0870	0.0000
Beam 10: End 1: 14: SERP	0.0000	0.0000	-0.0539	-0.3709	-0.1107	0.0000
Beam 10: End 1: 15: TERM	0.0000	0.0000	-11.4810	-50.6774	0.0000	0.0000
Beam 10: End 1: 16: RITIRO	0.0000	0.0000	8.5725	37.8391	0.0000	0.0000
Beam 10: End 1: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Beam 10: End 1: 18: SISMA_H	0.0000	0.0000	-29.8960	-199.4057	-56.3230	0.0000
Beam 10: End 1: 19: SISMA_V	0.0000	0.0000	5.1246	-16.6187	0.0000	0.0000
Beam 10: End 1: 20: SPSSX	0.0000	0.0000	-14.6172	-127.2366	-36.9250	0.0000
Beam 10: End 1: 21: SPSDX	0.0000	0.0000	38.2612	193.1549	36.9250	0.0000
Beam 10: End 1: 22: SLU01 [Combination 1]	0.0000	0.0000	197.1757	-685.2548	-82.1465	0.0000
Beam 10: End 1: 23: SLU02 [Combination 2]	0.0000	0.0000	229.6043	-494.5052	-53.1029	0.0000
Beam 10: End 1: 24: SLU03 [Combination 3]	0.0000	0.0000	207.7909	-585.3501	-53.2119	0.0000
Beam 10: End 1: 25: SLU04 [Combination 4]	0.0000	0.0000	192.0846	-721.4556	-92.6417	0.0000
Beam 10: End 1: 26: SLU05 [Combination 5]	0.0000	0.0000	204.5488	-660.0584	-82.2555	0.0000
Beam 10: End 1: 27: SLU06 [Combination 6]	0.0000	0.0000	162.1728	-262.5019	-29.4637	0.0000
Beam 10: End 1: 28: SLU07 [Combination 7]	0.0000	0.0000	202.4174	-675.8459	-92.6417	0.0000
Beam 10: End 1: 29: SLU08 [Combination 8]	0.0000	0.0000	109.9282	-250.9946	-39.8500	0.0000
Beam 10: End 1: 30: SLU09 [Combination 9]	0.0000	0.0000	217.7240	-544.8197	-39.8500	0.0000
Beam 10: End 1: 31: SLU10 [Combination 10]	0.0000	0.0000	294.7841	-110.4815	39.0097	0.0000
Beam 10: End 1: 32: SLU11 [Combination 11]	0.0000	0.0000	264.0020	-305.4779	-13.2688	0.0000
Beam 10: End 1: 33: SLU12 [Combination 12]	0.0000	0.0000	229.5591	-457.5100	-13.2688	0.0000
Beam 10: End 1: 34: SLU13 [Combination 13]	0.0000	0.0000	188.4143	-623.6438	-75.2315	0.0000
Beam 10: End 1: 35: SLU14 [Combination 14]	0.0000	0.0000	218.8103	-450.0621	-51.1873	0.0000
Beam 10: End 1: 36: SLU15 [Combination 15]	0.0000	0.0000	196.9970	-540.9071	-51.2963	0.0000
Beam 10: End 1: 37: SLU16 [Combination 16]	0.0000	0.0000	183.3231	-659.8446	-85.7266	0.0000
Beam 10: End 1: 38: SLU17 [Combination 17]	0.0000	0.0000	195.7874	-598.4474	-75.3404	0.0000

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Beam 10: End 1: 39: SLU18 [Combination 18]	0.0000	0.0000	164.2053	-245.3340	-24.4643	0.0000
Beam 10: End 1: 40: SLU19 [Combination 19]	0.0000	0.0000	193.6560	-614.2349	-85.7266	0.0000
Beam 10: End 1: 41: SLU20 [Combination 20]	0.0000	0.0000	111.9607	-233.8266	-34.8505	0.0000
Beam 10: End 1: 42: SLU21 [Combination 21]	0.0000	0.0000	208.0306	-489.6255	-34.8505	0.0000
Beam 10: End 1: 43: SLU22 [Combination 22]	0.0000	0.0000	278.1987	-97.5252	34.0102	0.0000
Beam 10: End 1: 44: SLU23 [Combination 23]	0.0000	0.0000	253.9021	-253.7172	-9.2692	0.0000
Beam 10: End 1: 45: SLU24 [Combination 24]	0.0000	0.0000	219.4592	-405.7493	-9.2692	0.0000
Beam 10: End 1: 46: SLU25 [Combination 25]	0.0000	0.0000	205.3151	-630.3658	-65.4486	0.0000
Beam 10: End 1: 47: SLU26 [Combination 26]	0.0000	0.0000	195.6217	-575.1716	-60.4491	0.0000
Beam 10: End 1: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	155.2598	-131.7110	-30.9968	0.0000
Beam 10: End 1: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	152.1851	-121.7398	-30.9968	0.0000
Beam 10: End 1: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	162.1733	-53.2911	7.7991	0.0000
Beam 10: End 1: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	159.0986	-43.3199	7.7991	0.0000
Beam 10: End 1: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	152.9914	-138.9685	-17.4182	0.0000
Beam 10: End 1: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	142.7422	-105.7312	-17.4182	0.0000
Beam 10: End 1: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	155.0654	-115.4426	-5.7794	0.0000
Beam 10: End 1: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	144.8162	-82.2052	-5.7794	0.0000
Beam 10: End 1: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	154.0514	-123.2130	-30.0430	0.0000
Beam 10: End 1: 57: SLU_SISMA10 [Combination 36]	0.0000	0.0000	150.9766	-113.2418	-30.0430	0.0000
Beam 10: End 1: 58: SLU_SISMA11 [Combination 37]	0.0000	0.0000	160.9649	-44.7930	8.7529	0.0000

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Beam 10: End 1: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	157.8901	-34.8218	8.7529
Beam 10: End 1: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	151.7829	-130.4705	-16.4644
Beam 10: End 1: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	141.5337	-97.2331	-16.4644
Beam 10: End 1: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	153.8570	-106.9445	-4.8256
Beam 10: End 1: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	143.6078	-73.7071	-4.8256
Beam 10: End 1: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	194.4956	-83.5487	28.8153
Beam 10: End 1: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	152.3759	-339.4937	-29.4377
Beam 10: End 1: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	152.0314	-356.2659	-51.3967
Beam 10: End 1: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	185.9521	-70.4687	27.7584
Beam 10: End 1: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	144.8609	-319.3332	-28.3808
Beam 10: End 1: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	147.1975	-322.2737	-47.5815
Beam 10: End 1: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	156.7996	-399.8762	-43.9305
Beam 10: End 1: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	150.1145	-361.8112	-40.4826
Beam 10: End 1: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	126.8281	-115.0607	-0.3112
Beam 10: End 1: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	149.3533	-350.6865	-36.9221
Beam 10: End 1: 74: SLE_FREQ02 [Combination 53] 0.0000	0.0000	0.0000	144.0052	-320.2345	-34.1638

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Beam 10: End 1: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	294.7841	721.4556	92.6417		
0.0000							
Beam 10: End 1: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	294.7841	721.4556	92.6417		
0.0000							
Beam 10: End 1: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	162.1733	138.9685	30.9968		
0.0000							
Beam 10: End 1: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	194.4956	399.8762	51.3967		
0.0000							
Beam 10: End 1: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	149.3533	350.6865	36.9221		
0.0000							
Beam 10: End 1: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	126.8281	115.0607	0.3112		
0.0000							
Beam 10: End 2: 1: PP	0.0000	0.0000	195.0661	105.0753	0.0000	0.0000	
Beam 10: End 2: 2: PERM	0.0000	0.0000	49.9528	9.1556	0.0000	0.0000	
Beam 10: End 2: 3: SPTSX	0.0000	0.0000	22.1296	-95.9537	-29.6749	0.0000	
Beam 10: End 2: 4: SPTDX	0.0000	0.0000	2.3513	209.6271	29.6749	0.0000	
Beam 10: End 2: 5: SPTW	0.0000	0.0000	-5.2054	-6.9199	-0.3112	0.0000	
Beam 10: End 2: 6: ACC_LM71	0.0000	0.0000	138.8624	7.3943	0.0000	0.0000	
Beam 10: End 2: 7: ACC_SW2	0.0000	0.0000	114.9385	6.1204	0.0000	0.0000	
Beam 10: End 2: 8: SPACCSX_LM71	0.0000	0.0000	14.0190	-64.7171	-20.0301	0.0000	
Beam 10: End 2: 9: SPACCDX_LM71	0.0000	0.0000	-2.6634	115.8898	20.0301	0.0000	
Beam 10: End 2: 10: SPACCSX_SW2	0.0000	0.0000	11.6057	-53.5770	-16.5822	0.0000	
Beam 10: End 2: 11: SPACCDX_SW2	0.0000	0.0000	-2.2058	95.9367	16.5822	0.0000	
Beam 10: End 2: 12: AVV_LM71	0.0000	0.0000	22.3862	-119.7119	-36.4081	0.0000	
Beam 10: End 2: 13: FREN_SW2	0.0000	0.0000	21.5739	-115.3680	-35.0870	0.0000	
Beam 10: End 2: 14: SERP	0.0000	0.0000	0.0681	-0.3641	-0.1107	0.0000	
Beam 10: End 2: 15: TERM	0.0000	0.0000	-11.0904	-70.1850	0.0000	0.0000	
Beam 10: End 2: 16: RITIRO	0.0000	0.0000	8.2808	52.4048	0.0000	0.0000	
Beam 10: End 2: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Beam 10: End 2: 18: SISMA_H	0.0000	0.0000	32.1875	-200.1932	-56.3230	0.0000	
Beam 10: End 2: 19: SISMA_V	0.0000	0.0000	15.1604	0.8073	0.0000	0.0000	

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		IN17	12	EI2CLSL1000001	A

Beam 10: End 2: 20: SPSSX	0.0000	0.0000	26.2563	-119.0518	-36.9250	0.0000	
Beam 10: End 2: 21: SPSPDX	0.0000	0.0000	-2.5355	225.7606	36.9250	0.0000	
Beam 10: End 2: 22: SLU01 [Combination 1]	0.0000	0.0000	611.6819	5.6382	-82.1465	0.0000	
Beam 10: End 2: 23: SLU02 [Combination 2]	0.0000	0.0000	611.2728	225.5304	-53.1029	0.0000	
Beam 10: End 2: 24: SLU03 [Combination 3]	0.0000	0.0000	589.5325	97.0561	-53.2119	0.0000	
Beam 10: End 2: 25: SLU04 [Combination 4]	0.0000	0.0000	617.6054	-30.3675	-92.6417	0.0000	
Beam 10: End 2: 26: SLU05 [Combination 5]	0.0000	0.0000	618.4283	43.0019	-82.2555	0.0000	
Beam 10: End 2: 27: SLU06 [Combination 6]	0.0000	0.0000	384.6179	205.8624	-29.4637	0.0000	
Beam 10: End 2: 28: SLU07 [Combination 7]	0.0000	0.0000	627.5868	32.7990	-92.6417	0.0000	
Beam 10: End 2: 29: SLU08 [Combination 8]	0.0000	0.0000	290.5454	91.1387	-39.8500	0.0000	
Beam 10: End 2: 30: SLU09 [Combination 9]	0.0000	0.0000	585.1010	142.9339	-39.8500	0.0000	
Beam 10: End 2: 31: SLU10 [Combination 10]	0.0000	0.0000	573.9518	638.1003	39.0097	0.0000	
Beam 10: End 2: 32: SLU11 [Combination 11]	0.0000	0.0000	600.7301	437.0993	-13.2688	0.0000	
Beam 10: End 2: 33: SLU12 [Combination 12]	0.0000	0.0000	567.4588	226.5442	-13.2688	0.0000	
Beam 10: End 2: 34: SLU13 [Combination 13]	0.0000	0.0000	572.3151	26.2428	-75.2315	0.0000	
Beam 10: End 2: 35: SLU14 [Combination 14]	0.0000	0.0000	575.4053	229.9818	-51.1873	0.0000	
Beam 10: End 2: 36: SLU15 [Combination 15]	0.0000	0.0000	553.6651	101.5075	-51.2963	0.0000	
Beam 10: End 2: 37: SLU16 [Combination 16]	0.0000	0.0000	578.2386	-9.7630	-85.7266	0.0000	
Beam 10: End 2: 38: SLU17 [Combination 17]	0.0000	0.0000	579.0616	63.6065	-75.3404	0.0000	
Beam 10: End 2: 39: SLU18 [Combination 18]	0.0000	0.0000	381.1185	222.0155	-24.4643	0.0000	
Beam 10: End 2: 40: SLU19 [Combination 19]	0.0000	0.0000	588.2200	53.4035	-85.7266	0.0000	
Beam 10: End 2: 41: SLU20 [Combination 20]	0.0000	0.0000	287.0461	107.2919	-34.8505	0.0000	
Beam 10: End 2: 42: SLU21 [Combination 21]	0.0000	0.0000	546.9121	157.2399	-34.8505	0.0000	
Beam 10: End 2: 43: SLU22 [Combination 22]	0.0000	0.0000	539.9258	607.3211	34.0102	0.0000	
Beam 10: End 2: 44: SLU23 [Combination 23]	0.0000	0.0000	563.2410	448.1746	-9.2692	0.0000	
Beam 10: End 2: 45: SLU24 [Combination 24]	0.0000	0.0000	529.9698	237.6195	-9.2692	0.0000	
Beam 10: End 2: 46: SLU25 [Combination 25]	0.0000	0.0000	600.8852	59.0449	-65.4486	0.0000	
Beam 10: End 2: 47: SLU26 [Combination 26]	0.0000	0.0000	562.6963	73.3508	-60.4491	0.0000	
Beam 10: End 2: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	347.3741	298.8843	-30.9968	0.0000	

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Beam 10: End 2: 49: SLU_SISMA02 [Combination 28] 0.0000	0.0000	0.0000	338.2778	298.3999	-30.9968
Beam 10: End 2: 50: SLU_SISMA03 [Combination 29] 0.0000	0.0000	0.0000	311.7909	354.4584	7.7991
Beam 10: End 2: 51: SLU_SISMA04 [Combination 30] 0.0000	0.0000	0.0000	302.6946	353.9740	7.7991
Beam 10: End 2: 52: SLU_SISMA05 [Combination 31] 0.0000	0.0000	0.0000	337.2300	281.5522	-17.4182
Beam 10: End 2: 53: SLU_SISMA06 [Combination 32] 0.0000	0.0000	0.0000	306.9091	279.9377	-17.4182
Beam 10: End 2: 54: SLU_SISMA07 [Combination 33] 0.0000	0.0000	0.0000	326.5550	298.2245	-5.7794
Beam 10: End 2: 55: SLU_SISMA08 [Combination 34] 0.0000	0.0000	0.0000	296.2342	296.6099	-5.7794
Beam 10: End 2: 56: SLU_SISMA09 [Combination 35] 0.0000	0.0000	0.0000	341.9442	301.7263	-30.0430
Beam 10: End 2: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	332.8479	301.2419	-30.0430
Beam 10: End 2: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	306.3610	357.3004	8.7529
Beam 10: End 2: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	297.2647	356.8160	8.7529
Beam 10: End 2: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	331.8001	284.3943	-16.4644
Beam 10: End 2: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	301.4792	282.7797	-16.4644
Beam 10: End 2: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	321.1251	301.0665	-4.8256
Beam 10: End 2: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	290.8043	299.4519	-4.8256
Beam 10: End 2: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	373.2140	405.7184	28.8153

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Beam 10: End 2: 65: SLE_RARA02 [Combination 44]	0.0000	0.0000	395.7235	129.9574	-29.4377
0.0000					
Beam 10: End 2: 66: SLE_RARA03 [Combination 45]	0.0000	0.0000	418.9733	131.9470	-51.3967
0.0000					
Beam 10: End 2: 67: SLE_RARA04 [Combination 46]	0.0000	0.0000	353.1602	394.1738	27.7584
0.0000					
Beam 10: End 2: 68: SLE_RARA05 [Combination 47]	0.0000	0.0000	374.3700	125.3630	-28.3808
0.0000					
Beam 10: End 2: 69: SLE_RARA06 [Combination 48]	0.0000	0.0000	397.2537	143.3151	-47.5815
0.0000					
Beam 10: End 2: 70: SLE_RARA07 [Combination 49]	0.0000	0.0000	434.2148	105.7990	-43.9305
0.0000					
Beam 10: End 2: 71: SLE_RARA08 [Combination 50]	0.0000	0.0000	407.8776	115.6652	-40.4826
0.0000					
Beam 10: End 2: 72: SLE_QPERM01 [Combination 51]	0.0000	0.0000	264.2944	220.9844	-0.3112
0.0000					
Beam 10: End 2: 73: SLE_FREQ01 [Combination 52]	0.0000	0.0000	400.6834	120.1172	-36.9221
0.0000					
Beam 10: End 2: 74: SLE_FREQ02 [Combination 53]	0.0000	0.0000	379.6136	128.0101	-34.1638
0.0000					
Beam 10: End 2: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	627.5868	638.1003	92.6417
0.0000					
Beam 10: End 2: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	627.5868	638.1003	92.6417
0.0000					
Beam 10: End 2: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	347.3741	357.3004	30.9968
0.0000					
Beam 10: End 2: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	434.2148	405.7184	51.3967
0.0000					
Beam 10: End 2: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	400.6834	128.0101	36.9221
0.0000					
Beam 10: End 2: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	264.2944	220.9844	0.3112
0.0000					
Beam 11: End 1: 1: PP	0.0000	0.0000	195.0661	105.0753	0.0000

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Beam 11: End 1: 2: PERM	0.0000	0.0000	49.9528	9.1556	0.0000	0.0000	
Beam 11: End 1: 3: SPTSX	0.0000	0.0000	22.1296	-95.9537	-29.6749	0.0000	
Beam 11: End 1: 4: SPTDX	0.0000	0.0000	2.3513	209.6271	29.6749	0.0000	
Beam 11: End 1: 5: SPTW	0.0000	0.0000	-5.2054	-6.9199	-0.3112	0.0000	
Beam 11: End 1: 6: ACC_LM71	0.0000	0.0000	138.8624	7.3943	0.0000	0.0000	
Beam 11: End 1: 7: ACC_SW2	0.0000	0.0000	114.9385	6.1204	0.0000	0.0000	
Beam 11: End 1: 8: SPACCSX_LM71	0.0000	0.0000	14.0190	-64.7171	-20.0301	0.0000	
Beam 11: End 1: 9: SPACCDX_LM71	0.0000	0.0000	-2.6634	115.8898	20.0301	0.0000	
Beam 11: End 1: 10: SPACCSX_SW2	0.0000	0.0000	11.6057	-53.5770	-16.5822	0.0000	
Beam 11: End 1: 11: SPACCDX_SW2	0.0000	0.0000	-2.2058	95.9367	16.5822	0.0000	
Beam 11: End 1: 12: AVV_LM71	0.0000	0.0000	22.3862	-119.7119	-36.4081	0.0000	
Beam 11: End 1: 13: FREN_SW2	0.0000	0.0000	21.5739	-115.3680	-35.0870	0.0000	
Beam 11: End 1: 14: SERP	0.0000	0.0000	0.0681	-0.3641	-0.1107	0.0000	
Beam 11: End 1: 15: TERM	0.0000	0.0000	-11.0904	-70.1850	0.0000	0.0000	
Beam 11: End 1: 16: RITIRO	0.0000	0.0000	8.2808	52.4048	0.0000	0.0000	
Beam 11: End 1: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Beam 11: End 1: 18: SISMA_H	0.0000	0.0000	32.1875	-200.1932	-56.3230	0.0000	
Beam 11: End 1: 19: SISMA_V	0.0000	0.0000	15.1604	0.8073	0.0000	0.0000	
Beam 11: End 1: 20: SPSSX	0.0000	0.0000	26.2563	-119.0518	-36.9250	0.0000	
Beam 11: End 1: 21: SPSPDX	0.0000	0.0000	-2.5355	225.7606	36.9250	0.0000	
Beam 11: End 1: 22: SLU01 [Combination 1]	0.0000	0.0000	611.6819	5.6382	-82.1465	0.0000	
Beam 11: End 1: 23: SLU02 [Combination 2]	0.0000	0.0000	611.2728	225.5304	-53.1029	0.0000	
Beam 11: End 1: 24: SLU03 [Combination 3]	0.0000	0.0000	589.5325	97.0561	-53.2119	0.0000	
Beam 11: End 1: 25: SLU04 [Combination 4]	0.0000	0.0000	617.6054	-30.3675	-92.6417	0.0000	
Beam 11: End 1: 26: SLU05 [Combination 5]	0.0000	0.0000	618.4283	43.0019	-82.2555	0.0000	
Beam 11: End 1: 27: SLU06 [Combination 6]	0.0000	0.0000	384.6179	205.8624	-29.4637	0.0000	
Beam 11: End 1: 28: SLU07 [Combination 7]	0.0000	0.0000	627.5868	32.7990	-92.6417	0.0000	
Beam 11: End 1: 29: SLU08 [Combination 8]	0.0000	0.0000	290.5454	91.1387	-39.8500	0.0000	
Beam 11: End 1: 30: SLU09 [Combination 9]	0.0000	0.0000	585.1010	142.9339	-39.8500	0.0000	
Beam 11: End 1: 31: SLU10 [Combination 10]	0.0000	0.0000	573.9518	638.1003	39.0097	0.0000	

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Beam 11: End 1: 32: SLU11 [Combination 11]	0.0000	0.0000	600.7301	437.0993	-13.2688	0.0000
Beam 11: End 1: 33: SLU12 [Combination 12]	0.0000	0.0000	567.4588	226.5442	-13.2688	0.0000
Beam 11: End 1: 34: SLU13 [Combination 13]	0.0000	0.0000	572.3151	26.2428	-75.2315	0.0000
Beam 11: End 1: 35: SLU14 [Combination 14]	0.0000	0.0000	575.4053	229.9818	-51.1873	0.0000
Beam 11: End 1: 36: SLU15 [Combination 15]	0.0000	0.0000	553.6651	101.5075	-51.2963	0.0000
Beam 11: End 1: 37: SLU16 [Combination 16]	0.0000	0.0000	578.2386	-9.7630	-85.7266	0.0000
Beam 11: End 1: 38: SLU17 [Combination 17]	0.0000	0.0000	579.0616	63.6065	-75.3404	0.0000
Beam 11: End 1: 39: SLU18 [Combination 18]	0.0000	0.0000	381.1185	222.0155	-24.4643	0.0000
Beam 11: End 1: 40: SLU19 [Combination 19]	0.0000	0.0000	588.2200	53.4035	-85.7266	0.0000
Beam 11: End 1: 41: SLU20 [Combination 20]	0.0000	0.0000	287.0461	107.2919	-34.8505	0.0000
Beam 11: End 1: 42: SLU21 [Combination 21]	0.0000	0.0000	546.9121	157.2399	-34.8505	0.0000
Beam 11: End 1: 43: SLU22 [Combination 22]	0.0000	0.0000	539.9258	607.3211	34.0102	0.0000
Beam 11: End 1: 44: SLU23 [Combination 23]	0.0000	0.0000	563.2410	448.1746	-9.2692	0.0000
Beam 11: End 1: 45: SLU24 [Combination 24]	0.0000	0.0000	529.9698	237.6195	-9.2692	0.0000
Beam 11: End 1: 46: SLU25 [Combination 25]	0.0000	0.0000	600.8852	59.0449	-65.4486	0.0000
Beam 11: End 1: 47: SLU26 [Combination 26]	0.0000	0.0000	562.6963	73.3508	-60.4491	0.0000
Beam 11: End 1: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	347.3741	298.8843	-30.9968	0.0000
Beam 11: End 1: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	338.2778	298.3999	-30.9968	0.0000
Beam 11: End 1: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	311.7909	354.4584	7.7991	0.0000
Beam 11: End 1: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	302.6946	353.9740	7.7991	0.0000
Beam 11: End 1: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	337.2300	281.5522	-17.4182	0.0000
Beam 11: End 1: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	306.9091	279.9377	-17.4182	0.0000
Beam 11: End 1: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	326.5550	298.2245	-5.7794	0.0000

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Beam 11: End 1: 55: SLU_SISMA08 [Combination 34] 0.0000	0.0000	0.0000	296.2342	296.6099	-5.7794
Beam 11: End 1: 56: SLU_SISMA09 [Combination 35] 0.0000	0.0000	0.0000	341.9442	301.7263	-30.0430
Beam 11: End 1: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	332.8479	301.2419	-30.0430
Beam 11: End 1: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	306.3610	357.3004	8.7529
Beam 11: End 1: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	297.2647	356.8160	8.7529
Beam 11: End 1: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	331.8001	284.3943	-16.4644
Beam 11: End 1: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	301.4792	282.7797	-16.4644
Beam 11: End 1: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	321.1251	301.0665	-4.8256
Beam 11: End 1: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	290.8043	299.4519	-4.8256
Beam 11: End 1: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	373.2140	405.7184	28.8153
Beam 11: End 1: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	395.7235	129.9574	-29.4377
Beam 11: End 1: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	418.9733	131.9470	-51.3967
Beam 11: End 1: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	353.1602	394.1738	27.7584
Beam 11: End 1: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	374.3700	125.3630	-28.3808
Beam 11: End 1: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	397.2537	143.3151	-47.5815
Beam 11: End 1: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	434.2148	105.7990	-43.9305

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Beam 11: End 1: 71: SLE_RARA08 [Combination 50]	0.0000	0.0000	407.8776	115.6652	-40.4826		
0.0000							
Beam 11: End 1: 72: SLE_QPERM01 [Combination 51]	0.0000	0.0000	264.2944	220.9844	-0.3112		
0.0000							
Beam 11: End 1: 73: SLE_FREQ01 [Combination 52]	0.0000	0.0000	400.6834	120.1172	-36.9221		
0.0000							
Beam 11: End 1: 74: SLE_FREQ02 [Combination 53]	0.0000	0.0000	379.6136	128.0101	-34.1638		
0.0000							
Beam 11: End 1: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	627.5868	638.1003	92.6417		
0.0000							
Beam 11: End 1: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	627.5868	638.1003	92.6417		
0.0000							
Beam 11: End 1: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	347.3741	357.3004	30.9968		
0.0000							
Beam 11: End 1: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	434.2148	405.7184	51.3967		
0.0000							
Beam 11: End 1: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	400.6834	128.0101	36.9221		
0.0000							
Beam 11: End 1: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	264.2944	220.9844	0.3112		
0.0000							
Beam 11: End 2: 1: PP	0.0000	0.0000	210.9101	155.8214	0.0000	0.0000	
Beam 11: End 2: 2: PERM	0.0000	0.0000	54.5781	22.2217	0.0000	0.0000	
Beam 11: End 2: 3: SPTSX	0.0000	0.0000	27.8419	-89.7120	-29.6749	0.0000	
Beam 11: End 2: 4: SPTDX	0.0000	0.0000	-3.4143	209.4994	29.6749	0.0000	
Beam 11: End 2: 5: SPTW	0.0000	0.0000	-5.4652	-8.2538	-0.3112	0.0000	
Beam 11: End 2: 6: ACC_LM71	0.0000	0.0000	152.3336	43.7932	0.0000	0.0000	
Beam 11: End 2: 7: ACC_SW2	0.0000	0.0000	126.0889	36.2483	0.0000	0.0000	
Beam 11: End 2: 8: SPACCSX_LM71	0.0000	0.0000	17.8233	-60.7400	-20.0301	0.0000	
Beam 11: End 2: 9: SPACCDX_LM71	0.0000	0.0000	-6.4844	114.7496	20.0301	0.0000	
Beam 11: End 2: 10: SPACCSX_SW2	0.0000	0.0000	14.7551	-50.2846	-16.5822	0.0000	
Beam 11: End 2: 11: SPACCDX_SW2	0.0000	0.0000	-5.3690	94.9926	16.5822	0.0000	
Beam 11: End 2: 12: AVV_LM71	0.0000	0.0000	29.2605	-113.2617	-36.4081	0.0000	

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Beam 11: End 2: 13: FREN_SW2	0.0000	0.0000	28.1988	-109.1519	-35.0870	0.0000	
Beam 11: End 2: 14: SERP	0.0000	0.0000	0.0890	-0.3445	-0.1107	0.0000	
Beam 11: End 2: 15: TERM	0.0000	0.0000	-10.9695	-72.9429	0.0000	0.0000	
Beam 11: End 2: 16: RITIRO	0.0000	0.0000	8.1906	54.4641	0.0000	0.0000	
Beam 11: End 2: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Beam 11: End 2: 18: SISMA_H	0.0000	0.0000	42.8403	-190.8236	-56.3230	0.0000	
Beam 11: End 2: 19: SISMA_V	0.0000	0.0000	16.6312	4.7812	0.0000	0.0000	
Beam 11: End 2: 20: SPSSX	0.0000	0.0000	33.2736	-111.6164	-36.9250	0.0000	
Beam 11: End 2: 21: SPSDX	0.0000	0.0000	-9.5866	224.2515	36.9250	0.0000	
Beam 11: End 2: 22: SLU01 [Combination 1]	0.0000	0.0000	674.7135	166.4228	-82.1465	0.0000	
Beam 11: End 2: 23: SLU02 [Combination 2]	0.0000	0.0000	668.5710	385.5013	-53.1029	0.0000	
Beam 11: End 2: 24: SLU03 [Combination 3]	0.0000	0.0000	646.9569	251.6070	-53.2119	0.0000	
Beam 11: End 2: 25: SLU04 [Combination 4]	0.0000	0.0000	682.5454	132.1347	-92.6417	0.0000	
Beam 11: End 2: 26: SLU05 [Combination 5]	0.0000	0.0000	681.3504	205.4595	-82.2555	0.0000	
Beam 11: End 2: 27: SLU06 [Combination 6]	0.0000	0.0000	418.0388	306.1888	-29.4637	0.0000	
Beam 11: End 2: 28: SLU07 [Combination 7]	0.0000	0.0000	692.4179	197.7834	-92.6417	0.0000	
Beam 11: End 2: 29: SLU08 [Combination 8]	0.0000	0.0000	318.1263	167.2157	-39.8500	0.0000	
Beam 11: End 2: 30: SLU09 [Combination 9]	0.0000	0.0000	640.0737	296.0724	-39.8500	0.0000	
Beam 11: End 2: 31: SLU10 [Combination 10]	0.0000	0.0000	613.6331	786.5536	39.0097	0.0000	
Beam 11: End 2: 32: SLU11 [Combination 11]	0.0000	0.0000	650.2921	593.4741	-13.2688	0.0000	
Beam 11: End 2: 33: SLU12 [Combination 12]	0.0000	0.0000	617.3836	374.6453	-13.2688	0.0000	
Beam 11: End 2: 34: SLU13 [Combination 13]	0.0000	0.0000	630.6702	176.6023	-75.2315	0.0000	
Beam 11: End 2: 35: SLU14 [Combination 14]	0.0000	0.0000	628.9765	380.5204	-51.1873	0.0000	
Beam 11: End 2: 36: SLU15 [Combination 15]	0.0000	0.0000	607.3625	246.6261	-51.2963	0.0000	
Beam 11: End 2: 37: SLU16 [Combination 16]	0.0000	0.0000	638.5021	142.3143	-85.7266	0.0000	
Beam 11: End 2: 38: SLU17 [Combination 17]	0.0000	0.0000	637.3071	215.6390	-75.3404	0.0000	
Beam 11: End 2: 39: SLU18 [Combination 18]	0.0000	0.0000	413.5900	321.3492	-24.4643	0.0000	
Beam 11: End 2: 40: SLU19 [Combination 19]	0.0000	0.0000	648.3746	207.9629	-85.7266	0.0000	
Beam 11: End 2: 41: SLU20 [Combination 20]	0.0000	0.0000	313.6774	182.3761	-34.8505	0.0000	
Beam 11: End 2: 42: SLU21 [Combination 21]	0.0000	0.0000	597.5700	300.2927	-34.8505	0.0000	

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Beam 11: End 2: 43: SLU22 [Combination 22]	0.0000	0.0000	577.1955	746.9658	34.0102	0.0000
Beam 11: End 2: 44: SLU23 [Combination 23]	0.0000	0.0000	608.6782	594.6623	-9.2692	0.0000
Beam 11: End 2: 45: SLU24 [Combination 24]	0.0000	0.0000	575.7696	375.8335	-9.2692	0.0000
Beam 11: End 2: 46: SLU25 [Combination 25]	0.0000	0.0000	660.6908	216.7296	-65.4486	0.0000
Beam 11: End 2: 47: SLU26 [Combination 26]	0.0000	0.0000	618.1870	220.9499	-60.4491	0.0000
Beam 11: End 2: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	376.2524	389.3328	-30.9968	0.0000
Beam 11: End 2: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	366.2737	386.4641	-30.9968	0.0000
Beam 11: End 2: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	333.4322	435.1121	7.7991	0.0000
Beam 11: End 2: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	323.4534	432.2434	7.7991	0.0000
Beam 11: End 2: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	364.6167	369.2801	-17.4182	0.0000
Beam 11: End 2: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	331.3544	359.7177	-17.4182	0.0000
Beam 11: End 2: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	351.7706	383.0139	-5.7794	0.0000
Beam 11: End 2: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	318.5083	373.4515	-5.7794	0.0000
Beam 11: End 2: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	370.1775	390.7368	-30.0430	0.0000
Beam 11: End 2: 57: SLU_SISMA10 [Combination 36]	0.0000	0.0000	360.1988	387.8681	-30.0430	0.0000
Beam 11: End 2: 58: SLU_SISMA11 [Combination 37]	0.0000	0.0000	327.3572	436.5162	8.7529	0.0000
Beam 11: End 2: 59: SLU_SISMA12 [Combination 38]	0.0000	0.0000	317.3785	433.6475	8.7529	0.0000
Beam 11: End 2: 60: SLU_SISMA13 [Combination 39]	0.0000	0.0000	358.5418	370.6842	-16.4644	0.0000

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Beam 11: End 2: 61: SLU_SISMA14 [Combination 40]	0.0000	0.0000	325.2794	361.1218	-16.4644
0.0000					
Beam 11: End 2: 62: SLU_SISMA15 [Combination 41]	0.0000	0.0000	345.6957	384.4180	-4.8256
0.0000					
Beam 11: End 2: 63: SLU_SISMA16 [Combination 42]	0.0000	0.0000	312.4333	374.8556	-4.8256
0.0000					
Beam 11: End 2: 64: SLE_RARA01 [Combination 43]	0.0000	0.0000	398.5620	502.1941	28.8153
0.0000					
Beam 11: End 2: 65: SLE_RARA02 [Combination 44]	0.0000	0.0000	432.2154	233.4439	-29.4377
0.0000					
Beam 11: End 2: 66: SLE_RARA03 [Combination 45]	0.0000	0.0000	459.4397	241.7399	-51.3967
0.0000					
Beam 11: End 2: 67: SLE_RARA04 [Combination 46]	0.0000	0.0000	376.8533	485.4290	27.7584
0.0000					
Beam 11: End 2: 68: SLE_RARA05 [Combination 47]	0.0000	0.0000	408.8079	223.2545	-28.3808
0.0000					
Beam 11: End 2: 69: SLE_RARA06 [Combination 48]	0.0000	0.0000	435.1400	247.3562	-47.5815
0.0000					
Beam 11: End 2: 70: SLE_RARA07 [Combination 49]	0.0000	0.0000	476.0605	219.5754	-43.9305
0.0000					
Beam 11: End 2: 71: SLE_RARA08 [Combination 50]	0.0000	0.0000	446.7476	222.4859	-40.4826
0.0000					
Beam 11: End 2: 72: SLE_QPERM01 [Combination 51]	0.0000	0.0000	284.4506	289.5767	-0.3112
0.0000					
Beam 11: End 2: 73: SLE_FREQ01 [Combination 52]	0.0000	0.0000	438.5192	225.0106	-36.9221
0.0000					
Beam 11: End 2: 74: SLE_FREQ02 [Combination 53]	0.0000	0.0000	415.0688	227.3390	-34.1638
0.0000					
Beam 11: End 2: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	692.4179	786.5536	92.6417
0.0000					
Beam 11: End 2: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	692.4179	786.5536	92.6417
0.0000					

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Beam 11: End 2: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	376.2524	436.5162	30.9968	0.0000
Beam 11: End 2: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	476.0605	502.1941	51.3967	0.0000
Beam 11: End 2: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	438.5192	227.3390	36.9221	0.0000
Beam 11: End 2: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	284.4506	289.5767	0.3112	0.0000
Beam 12: End 1: 1: PP	0.0000	0.0000	210.9101	155.8214	0.0000	0.0000
Beam 12: End 1: 2: PERM	0.0000	0.0000	54.5781	22.2217	0.0000	0.0000
Beam 12: End 1: 3: SPTSX	0.0000	0.0000	27.8419	-89.7120	-29.6749	0.0000
Beam 12: End 1: 4: SPTDX	0.0000	0.0000	-3.4143	209.4994	29.6749	0.0000
Beam 12: End 1: 5: SPTW	0.0000	0.0000	-5.4652	-8.2538	-0.3112	0.0000
Beam 12: End 1: 6: ACC_LM71	0.0000	0.0000	152.3336	43.7932	0.0000	0.0000
Beam 12: End 1: 7: ACC_SW2	0.0000	0.0000	126.0889	36.2483	0.0000	0.0000
Beam 12: End 1: 8: SPACCSX_LM71	0.0000	0.0000	17.8233	-60.7400	-20.0301	0.0000
Beam 12: End 1: 9: SPACCDX_LM71	0.0000	0.0000	-6.4844	114.7496	20.0301	0.0000
Beam 12: End 1: 10: SPACCSX_SW2	0.0000	0.0000	14.7551	-50.2846	-16.5822	0.0000
Beam 12: End 1: 11: SPACCDX_SW2	0.0000	0.0000	-5.3690	94.9926	16.5822	0.0000
Beam 12: End 1: 12: AVV_LM71	0.0000	0.0000	29.2605	-113.2617	-36.4081	0.0000
Beam 12: End 1: 13: FREN_SW2	0.0000	0.0000	28.1988	-109.1519	-35.0870	0.0000
Beam 12: End 1: 14: SERP	0.0000	0.0000	0.0890	-0.3445	-0.1107	0.0000
Beam 12: End 1: 15: TERM	0.0000	0.0000	-10.9695	-72.9429	0.0000	0.0000
Beam 12: End 1: 16: RITIRO	0.0000	0.0000	8.1906	54.4641	0.0000	0.0000
Beam 12: End 1: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Beam 12: End 1: 18: SISMA_H	0.0000	0.0000	42.8403	-190.8236	-56.3230	0.0000
Beam 12: End 1: 19: SISMA_V	0.0000	0.0000	16.6312	4.7812	0.0000	0.0000
Beam 12: End 1: 20: SPSSX	0.0000	0.0000	33.2736	-111.6164	-36.9250	0.0000
Beam 12: End 1: 21: SPSDX	0.0000	0.0000	-9.5866	224.2515	36.9250	0.0000
Beam 12: End 1: 22: SLU01 [Combination 1]	0.0000	0.0000	674.7135	166.4228	-82.1465	0.0000
Beam 12: End 1: 23: SLU02 [Combination 2]	0.0000	0.0000	668.5710	385.5013	-53.1029	0.0000

GENERAL CONTRACTOR 		ALTA SORVEGLIANZA 			
		Progetto	Lotto	Codifica	
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Beam 12: End 1: 24: SLU03 [Combination 3]	0.0000	0.0000	646.9569	251.6070	-53.2119	0.0000
Beam 12: End 1: 25: SLU04 [Combination 4]	0.0000	0.0000	682.5454	132.1347	-92.6417	0.0000
Beam 12: End 1: 26: SLU05 [Combination 5]	0.0000	0.0000	681.3504	205.4595	-82.2555	0.0000
Beam 12: End 1: 27: SLU06 [Combination 6]	0.0000	0.0000	418.0388	306.1888	-29.4637	0.0000
Beam 12: End 1: 28: SLU07 [Combination 7]	0.0000	0.0000	692.4179	197.7834	-92.6417	0.0000
Beam 12: End 1: 29: SLU08 [Combination 8]	0.0000	0.0000	318.1263	167.2157	-39.8500	0.0000
Beam 12: End 1: 30: SLU09 [Combination 9]	0.0000	0.0000	640.0737	296.0724	-39.8500	0.0000
Beam 12: End 1: 31: SLU10 [Combination 10]	0.0000	0.0000	613.6331	786.5536	39.0097	0.0000
Beam 12: End 1: 32: SLU11 [Combination 11]	0.0000	0.0000	650.2921	593.4741	-13.2688	0.0000
Beam 12: End 1: 33: SLU12 [Combination 12]	0.0000	0.0000	617.3836	374.6453	-13.2688	0.0000
Beam 12: End 1: 34: SLU13 [Combination 13]	0.0000	0.0000	630.6702	176.6023	-75.2315	0.0000
Beam 12: End 1: 35: SLU14 [Combination 14]	0.0000	0.0000	628.9765	380.5204	-51.1873	0.0000
Beam 12: End 1: 36: SLU15 [Combination 15]	0.0000	0.0000	607.3625	246.6261	-51.2963	0.0000
Beam 12: End 1: 37: SLU16 [Combination 16]	0.0000	0.0000	638.5021	142.3143	-85.7266	0.0000
Beam 12: End 1: 38: SLU17 [Combination 17]	0.0000	0.0000	637.3071	215.6390	-75.3404	0.0000
Beam 12: End 1: 39: SLU18 [Combination 18]	0.0000	0.0000	413.5900	321.3492	-24.4643	0.0000
Beam 12: End 1: 40: SLU19 [Combination 19]	0.0000	0.0000	648.3746	207.9629	-85.7266	0.0000
Beam 12: End 1: 41: SLU20 [Combination 20]	0.0000	0.0000	313.6774	182.3761	-34.8505	0.0000
Beam 12: End 1: 42: SLU21 [Combination 21]	0.0000	0.0000	597.5700	300.2927	-34.8505	0.0000
Beam 12: End 1: 43: SLU22 [Combination 22]	0.0000	0.0000	577.1955	746.9658	34.0102	0.0000
Beam 12: End 1: 44: SLU23 [Combination 23]	0.0000	0.0000	608.6782	594.6623	-9.2692	0.0000
Beam 12: End 1: 45: SLU24 [Combination 24]	0.0000	0.0000	575.7696	375.8335	-9.2692	0.0000
Beam 12: End 1: 46: SLU25 [Combination 25]	0.0000	0.0000	660.6908	216.7296	-65.4486	0.0000
Beam 12: End 1: 47: SLU26 [Combination 26]	0.0000	0.0000	618.1870	220.9499	-60.4491	0.0000
Beam 12: End 1: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	376.2524	389.3328	-30.9968	0.0000
Beam 12: End 1: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	366.2737	386.4641	-30.9968	0.0000
Beam 12: End 1: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	333.4322	435.1121	7.7991	0.0000

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Beam 12: End 1: 51: SLU_SISMA04 [Combination 30] 0.0000	0.0000	0.0000	323.4534	432.2434	7.7991
Beam 12: End 1: 52: SLU_SISMA05 [Combination 31] 0.0000	0.0000	0.0000	364.6167	369.2801	-17.4182
Beam 12: End 1: 53: SLU_SISMA06 [Combination 32] 0.0000	0.0000	0.0000	331.3544	359.7177	-17.4182
Beam 12: End 1: 54: SLU_SISMA07 [Combination 33] 0.0000	0.0000	0.0000	351.7706	383.0139	-5.7794
Beam 12: End 1: 55: SLU_SISMA08 [Combination 34] 0.0000	0.0000	0.0000	318.5083	373.4515	-5.7794
Beam 12: End 1: 56: SLU_SISMA09 [Combination 35] 0.0000	0.0000	0.0000	370.1775	390.7368	-30.0430
Beam 12: End 1: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	360.1988	387.8681	-30.0430
Beam 12: End 1: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	327.3572	436.5162	8.7529
Beam 12: End 1: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	317.3785	433.6475	8.7529
Beam 12: End 1: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	358.5418	370.6842	-16.4644
Beam 12: End 1: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	325.2794	361.1218	-16.4644
Beam 12: End 1: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	345.6957	384.4180	-4.8256
Beam 12: End 1: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	312.4333	374.8556	-4.8256
Beam 12: End 1: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	398.5620	502.1941	28.8153
Beam 12: End 1: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	432.2154	233.4439	-29.4377
Beam 12: End 1: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	459.4397	241.7399	-51.3967

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Beam 12: End 1: 67: SLE_RARA04 [Combination 46]	0.0000	0.0000	376.8533	485.4290	27.7584
0.0000					
Beam 12: End 1: 68: SLE_RARA05 [Combination 47]	0.0000	0.0000	408.8079	223.2545	-28.3808
0.0000					
Beam 12: End 1: 69: SLE_RARA06 [Combination 48]	0.0000	0.0000	435.1400	247.3562	-47.5815
0.0000					
Beam 12: End 1: 70: SLE_RARA07 [Combination 49]	0.0000	0.0000	476.0605	219.5754	-43.9305
0.0000					
Beam 12: End 1: 71: SLE_RARA08 [Combination 50]	0.0000	0.0000	446.7476	222.4859	-40.4826
0.0000					
Beam 12: End 1: 72: SLE_QPERM01 [Combination 51]	0.0000	0.0000	284.4506	289.5767	-0.3112
0.0000					
Beam 12: End 1: 73: SLE_FREQ01 [Combination 52]	0.0000	0.0000	438.5192	225.0106	-36.9221
0.0000					
Beam 12: End 1: 74: SLE_FREQ02 [Combination 53]	0.0000	0.0000	415.0688	227.3390	-34.1638
0.0000					
Beam 12: End 1: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	692.4179	786.5536	92.6417
0.0000					
Beam 12: End 1: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	692.4179	786.5536	92.6417
0.0000					
Beam 12: End 1: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	376.2524	436.5162	30.9968
0.0000					
Beam 12: End 1: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	476.0605	502.1941	51.3967
0.0000					
Beam 12: End 1: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	438.5192	227.3390	36.9221
0.0000					
Beam 12: End 1: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	284.4506	289.5767	0.3112
0.0000					
Beam 12: End 2: 1: PP	0.0000	0.0000	226.7970	210.5340	0.0000
					0.0000
Beam 12: End 2: 2: PERM	0.0000	0.0000	59.2142	36.4456	0.0000
					0.0000
Beam 12: End 2: 3: SPTSX	0.0000	0.0000	33.7834	-82.0137	-29.6749
					0.0000
Beam 12: End 2: 4: SPTDX	0.0000	0.0000	-9.4298	207.8991	29.6749
					0.0000

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Beam 12: End 2: 5: SPTW	0.0000	0.0000	-5.7244	-9.6525	-0.3112	0.0000	
Beam 12: End 2: 6: ACC_LM71	0.0000	0.0000	165.8343	83.5636	0.0000	0.0000	
Beam 12: End 2: 7: ACC_SW2	0.0000	0.0000	137.2636	69.1669	0.0000	0.0000	
Beam 12: End 2: 8: SPACCSX_LM71	0.0000	0.0000	21.7800	-55.7928	-20.0301	0.0000	
Beam 12: End 2: 9: SPACCDX_LM71	0.0000	0.0000	-10.4664	112.6341	20.0301	0.0000	
Beam 12: End 2: 10: SPACCSX_SW2	0.0000	0.0000	18.0307	-46.1890	-16.5822	0.0000	
Beam 12: End 2: 11: SPACCDX_SW2	0.0000	0.0000	-8.6656	93.2411	16.5822	0.0000	
Beam 12: End 2: 12: AVV_LM71	0.0000	0.0000	36.4083	-105.0588	-36.4081	0.0000	
Beam 12: End 2: 13: FREN_SW2	0.0000	0.0000	35.0872	-101.2467	-35.0870	0.0000	
Beam 12: End 2: 14: SERP	0.0000	0.0000	0.1107	-0.3195	-0.1107	0.0000	
Beam 12: End 2: 15: TERM	0.0000	0.0000	-10.8279	-75.6681	0.0000	0.0000	
Beam 12: End 2: 16: RITIRO	0.0000	0.0000	8.0848	56.4988	0.0000	0.0000	
Beam 12: End 2: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Beam 12: End 2: 18: SISMA_H	0.0000	0.0000	53.9200	-178.7375	-56.3230	0.0000	
Beam 12: End 2: 19: SISMA_V	0.0000	0.0000	18.1051	9.1231	0.0000	0.0000	
Beam 12: End 2: 20: SPSSX	0.0000	0.0000	40.5723	-102.3916	-36.9250	0.0000	
Beam 12: End 2: 21: SPSDX	0.0000	0.0000	-16.9371	220.9423	36.9250	0.0000	
Beam 12: End 2: 22: SLU01 [Combination 1]	0.0000	0.0000	738.4593	343.0545	-82.1465	0.0000	
Beam 12: End 2: 23: SLU02 [Combination 2]	0.0000	0.0000	726.3252	559.8539	-53.1029	0.0000	
Beam 12: End 2: 24: SLU03 [Combination 3]	0.0000	0.0000	704.8748	420.5757	-53.2119	0.0000	
Beam 12: End 2: 25: SLU04 [Combination 4]	0.0000	0.0000	748.2800	310.9714	-92.6417	0.0000	
Beam 12: End 2: 26: SLU05 [Combination 5]	0.0000	0.0000	744.9796	383.7361	-82.2555	0.0000	
Beam 12: End 2: 27: SLU06 [Combination 6]	0.0000	0.0000	451.7278	414.9042	-29.4637	0.0000	
Beam 12: End 2: 28: SLU07 [Combination 7]	0.0000	0.0000	758.0251	379.0726	-92.6417	0.0000	
Beam 12: End 2: 29: SLU08 [Combination 8]	0.0000	0.0000	346.0422	250.2298	-39.8500	0.0000	
Beam 12: End 2: 30: SLU09 [Combination 9]	0.0000	0.0000	695.4446	463.0040	-39.8500	0.0000	
Beam 12: End 2: 31: SLU10 [Combination 10]	0.0000	0.0000	653.0529	944.8950	39.0097	0.0000	
Beam 12: End 2: 32: SLU11 [Combination 11]	0.0000	0.0000	699.9907	762.2567	-13.2688	0.0000	
Beam 12: End 2: 33: SLU12 [Combination 12]	0.0000	0.0000	667.5071	535.2526	-13.2688	0.0000	
Beam 12: End 2: 34: SLU13 [Combination 13]	0.0000	0.0000	689.6798	341.6325	-75.2315	0.0000	

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
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Beam 12: End 2: 35: SLU14 [Combination 14]	0.0000	0.0000	682.9821	544.5063	-51.1873	0.0000
Beam 12: End 2: 36: SLU15 [Combination 15]	0.0000	0.0000	661.5317	405.2281	-51.2963	0.0000
Beam 12: End 2: 37: SLU16 [Combination 16]	0.0000	0.0000	699.5004	309.5493	-85.7266	0.0000
Beam 12: End 2: 38: SLU17 [Combination 17]	0.0000	0.0000	696.2000	382.3140	-75.3404	0.0000
Beam 12: End 2: 39: SLU18 [Combination 18]	0.0000	0.0000	446.2913	428.8297	-24.4643	0.0000
Beam 12: End 2: 40: SLU19 [Combination 19]	0.0000	0.0000	709.2455	377.6505	-85.7266	0.0000
Beam 12: End 2: 41: SLU20 [Combination 20]	0.0000	0.0000	340.6057	264.1553	-34.8505	0.0000
Beam 12: End 2: 42: SLU21 [Combination 21]	0.0000	0.0000	648.5806	456.0543	-34.8505	0.0000
Beam 12: End 2: 43: SLU22 [Combination 22]	0.0000	0.0000	614.2366	895.8998	34.0102	0.0000
Beam 12: End 2: 44: SLU23 [Combination 23]	0.0000	0.0000	654.2140	752.5219	-9.2692	0.0000
Beam 12: End 2: 45: SLU24 [Combination 24]	0.0000	0.0000	621.7304	525.5177	-9.2692	0.0000
Beam 12: End 2: 46: SLU25 [Combination 25]	0.0000	0.0000	721.0867	389.4395	-65.4486	0.0000
Beam 12: End 2: 47: SLU26 [Combination 26]	0.0000	0.0000	674.2228	382.4898	-60.4491	0.0000
Beam 12: End 2: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	405.3582	487.0294	-30.9968	0.0000
Beam 12: End 2: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	394.4951	481.5556	-30.9968	0.0000
Beam 12: End 2: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	355.0276	521.1706	7.7991	0.0000
Beam 12: End 2: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	344.1645	515.6967	7.7991	0.0000
Beam 12: End 2: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	392.1438	463.8723	-17.4182	0.0000
Beam 12: End 2: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	355.9335	445.6260	-17.4182	0.0000
Beam 12: End 2: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	377.0446	474.1147	-5.7794	0.0000
Beam 12: End 2: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	340.8343	455.8684	-5.7794	0.0000
Beam 12: End 2: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	398.6300	486.8333	-30.0430	0.0000

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Beam 12: End 2: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	387.7669	481.3594	-30.0430
Beam 12: End 2: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	348.2994	520.9745	8.7529
Beam 12: End 2: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	337.4363	515.5006	8.7529
Beam 12: End 2: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	385.4156	463.6762	-16.4644
Beam 12: End 2: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	349.2053	445.4299	-16.4644
Beam 12: End 2: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	370.3164	473.9185	-4.8256
Beam 12: End 2: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	334.1061	455.6722	-4.8256
Beam 12: End 2: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	423.7289	604.9843	28.8153
Beam 12: End 2: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	468.9888	346.0886	-29.4377
Beam 12: End 2: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	500.3261	361.7019	-51.3967
Beam 12: End 2: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	400.3704	582.5858	27.7584
Beam 12: End 2: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	443.5165	329.7895	-28.3808
Beam 12: End 2: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	473.4132	360.9173	-47.5815
Beam 12: End 2: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	518.2918	343.8614	-43.9305
Beam 12: End 2: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	485.9718	339.0685	-40.4826
Beam 12: End 2: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	304.6405	363.2125	-0.3112

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Beam 12: End 2: 73: SLE_FREQ01 [Combination 52]	0.0000	0.0000	476.6837	339.4042	-36.9221	
0.0000						
Beam 12: End 2: 74: SLE_FREQ02 [Combination 53]	0.0000	0.0000	450.8278	335.5698	-34.1638	
0.0000						
Beam 12: End 2: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	758.0251	944.8950	92.6417	
0.0000						
Beam 12: End 2: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	758.0251	944.8950	92.6417	
0.0000						
Beam 12: End 2: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	405.3582	521.1706	30.9968	
0.0000						
Beam 12: End 2: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	518.2918	604.9843	51.3967	
0.0000						
Beam 12: End 2: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	476.6837	339.4042	36.9221	
0.0000						
Beam 12: End 2: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	304.6405	363.2125	0.3112	
0.0000						
Beam 13: End 1: 1: PP	0.0000	0.0000	38.0766	-210.5340	-226.7970	0.0000
Beam 13: End 1: 2: PERM	0.0000	0.0000	2.3418	-36.4456	-59.2142	0.0000
Beam 13: End 1: 3: SPTSX	0.0000	0.0000	204.9288	-207.8991	9.4298	0.0000
Beam 13: End 1: 4: SPTDX	0.0000	0.0000	-27.0753	82.0137	-33.7834	0.0000
Beam 13: End 1: 5: SPTW	0.0000	0.0000	8.3300	5.6241	-2.7165	0.0000
Beam 13: End 1: 6: ACC_LM71	0.0000	0.0000	-0.0311	-83.5636	-165.8343	0.0000
Beam 13: End 1: 7: ACC_SW2	0.0000	0.0000	-0.0258	-69.1669	-137.2636	0.0000
Beam 13: End 1: 8: SPACCSX_LM71	0.0000	0.0000	85.8034	-112.6341	10.4664	0.0000
Beam 13: End 1: 9: SPACCDX_LM71	0.0000	0.0000	-18.1165	55.7928	-21.7800	0.0000
Beam 13: End 1: 10: SPACCSX_SW2	0.0000	0.0000	71.0277	-93.2411	8.6656	0.0000
Beam 13: End 1: 11: SPACCDX_SW2	0.0000	0.0000	-14.9980	46.1890	-18.0307	0.0000
Beam 13: End 1: 12: AVV_LM71	0.0000	0.0000	32.9299	-105.0588	36.4083	0.0000
Beam 13: End 1: 13: FREN_SW2	0.0000	0.0000	31.7350	-101.2467	35.0872	0.0000
Beam 13: End 1: 14: SERP	0.0000	0.0000	0.1002	-0.3195	0.1107	0.0000
Beam 13: End 1: 15: TERM	0.0000	0.0000	-12.9347	75.6681	10.8279	0.0000

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Beam 13: End 1: 16: RITIRO	0.0000	0.0000	9.6579	-56.4988	-8.0848	0.0000	
Beam 13: End 1: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Beam 13: End 1: 18: SISMA_H	0.0000	0.0000	71.7320	-178.7375	53.9200	0.0000	
Beam 13: End 1: 19: SISMA_V	0.0000	0.0000	-0.0034	-9.1231	-18.1051	0.0000	
Beam 13: End 1: 20: SPSSX	0.0000	0.0000	174.7456	-220.9423	16.9371	0.0000	
Beam 13: End 1: 21: SPSPDX	0.0000	0.0000	-33.4044	102.3916	-40.5723	0.0000	
Beam 13: End 1: 22: SLU01 [Combination 1]	0.0000	0.0000	413.2176	-895.9725	-594.5588	0.0000	
Beam 13: End 1: 23: SLU02 [Combination 2]	0.0000	0.0000	312.0335	-868.5528	-629.1820	0.0000	
Beam 13: End 1: 24: SLU03 [Combination 3]	0.0000	0.0000	291.7182	-730.6846	-610.6859	0.0000	
Beam 13: End 1: 25: SLU04 [Combination 4]	0.0000	0.0000	487.8582	-966.7688	-592.2092	0.0000	
Beam 13: End 1: 26: SLU05 [Combination 5]	0.0000	0.0000	478.3818	-938.0640	-604.0334	0.0000	
Beam 13: End 1: 27: SLU06 [Combination 6]	0.0000	0.0000	430.6786	-664.5615	-416.3658	0.0000	
Beam 13: End 1: 28: SLU07 [Combination 7]	0.0000	0.0000	499.4995	-1034.8700	-601.9543	0.0000	
Beam 13: End 1: 29: SLU08 [Combination 8]	0.0000	0.0000	425.6573	-601.3566	-295.5555	0.0000	
Beam 13: End 1: 30: SLU09 [Combination 9]	0.0000	0.0000	440.0581	-814.1308	-644.9580	0.0000	
Beam 13: End 1: 31: SLU10 [Combination 10]	0.0000	0.0000	231.4553	-604.6448	-726.3300	0.0000	
Beam 13: End 1: 32: SLU11 [Combination 11]	0.0000	0.0000	365.0170	-861.6008	-689.1048	0.0000	
Beam 13: End 1: 33: SLU12 [Combination 12]	0.0000	0.0000	326.2128	-634.5966	-656.6211	0.0000	
Beam 13: End 1: 34: SLU13 [Combination 13]	0.0000	0.0000	390.0681	-841.4497	-557.6581	0.0000	
Beam 13: End 1: 35: SLU14 [Combination 14]	0.0000	0.0000	310.3086	-842.1500	-589.6701	0.0000	
Beam 13: End 1: 36: SLU15 [Combination 15]	0.0000	0.0000	289.9934	-704.2817	-571.1740	0.0000	
Beam 13: End 1: 37: SLU16 [Combination 16]	0.0000	0.0000	464.7087	-912.2459	-555.3085	0.0000	
Beam 13: End 1: 38: SLU17 [Combination 17]	0.0000	0.0000	455.2323	-883.5411	-567.1327	0.0000	
Beam 13: End 1: 39: SLU18 [Combination 18]	0.0000	0.0000	409.2539	-636.4415	-418.9770	0.0000	
Beam 13: End 1: 40: SLU19 [Combination 19]	0.0000	0.0000	476.3499	-980.3472	-565.0536	0.0000	
Beam 13: End 1: 41: SLU20 [Combination 20]	0.0000	0.0000	404.2326	-573.2367	-298.1667	0.0000	
Beam 13: End 1: 42: SLU21 [Combination 21]	0.0000	0.0000	418.6411	-765.1356	-606.1417	0.0000	
Beam 13: End 1: 43: SLU22 [Combination 22]	0.0000	0.0000	235.9850	-597.6951	-679.4661	0.0000	
Beam 13: End 1: 44: SLU23 [Combination 23]	0.0000	0.0000	347.8850	-818.2295	-649.7662	0.0000	
Beam 13: End 1: 45: SLU24 [Combination 24]	0.0000	0.0000	309.0808	-591.2254	-617.2826	0.0000	

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Beam 13: End 1: 46: SLU25 [Combination 25]	0.0000	0.0000	463.2630	-888.3007	-619.4025	0.0000
Beam 13: End 1: 47: SLU26 [Combination 26]	0.0000	0.0000	441.8460	-839.3054	-580.5862	0.0000
Beam 13: End 1: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	304.7941	-600.9079	-342.4559	0.0000
Beam 13: End 1: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	304.7961	-595.4340	-331.5928	0.0000
Beam 13: End 1: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	369.4801	-566.7667	-392.7865	0.0000
Beam 13: End 1: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	369.4821	-561.2929	-381.9234	0.0000
Beam 13: End 1: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	277.9624	-553.8519	-364.4729	0.0000
Beam 13: End 1: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	277.9692	-535.6057	-328.2626	0.0000
Beam 13: End 1: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	297.3682	-543.6096	-379.5721	0.0000
Beam 13: End 1: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	297.3750	-525.3633	-343.3618	0.0000
Beam 13: End 1: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	301.6011	-593.3875	-337.3662	0.0000
Beam 13: End 1: 57: SLU_SISMA10 [Combination 36]	0.0000	0.0000	301.6031	-587.9136	-326.5031	0.0000
Beam 13: End 1: 58: SLU_SISMA11 [Combination 37]	0.0000	0.0000	366.2870	-559.2463	-387.6968	0.0000
Beam 13: End 1: 59: SLU_SISMA12 [Combination 38]	0.0000	0.0000	366.2891	-553.7725	-376.8337	0.0000
Beam 13: End 1: 60: SLU_SISMA13 [Combination 39]	0.0000	0.0000	274.7694	-546.3315	-359.3831	0.0000
Beam 13: End 1: 61: SLU_SISMA14 [Combination 40]	0.0000	0.0000	274.7762	-528.0853	-323.1729	0.0000
Beam 13: End 1: 62: SLU_SISMA15 [Combination 41]	0.0000	0.0000	294.1751	-536.0892	-374.4823	0.0000

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Beam 13: End 1: 63: SLU_SISMA16 [Combination 42]	0.0000	0.0000	294.1819	-517.8429	-338.2721
0.0000					
Beam 13: End 1: 64: SLE_RARA01 [Combination 43]	0.0000	0.0000	262.1433	-440.9186	-490.4231
0.0000					
Beam 13: End 1: 65: SLE_RARA02 [Combination 44]	0.0000	0.0000	299.3095	-518.2111	-419.1763
0.0000					
Beam 13: End 1: 66: SLE_RARA03 [Combination 45]	0.0000	0.0000	344.3974	-726.5485	-416.0739
0.0000					
Beam 13: End 1: 67: SLE_RARA04 [Combination 46]	0.0000	0.0000	253.7778	-424.6195	-464.9509
0.0000					
Beam 13: End 1: 68: SLE_RARA05 [Combination 47]	0.0000	0.0000	289.0322	-495.8125	-395.8179
0.0000					
Beam 13: End 1: 69: SLE_RARA06 [Combination 48]	0.0000	0.0000	331.6252	-696.4669	-395.7149
0.0000					
Beam 13: End 1: 70: SLE_RARA07 [Combination 49]	0.0000	0.0000	341.5176	-676.1850	-450.5350
0.0000					
Beam 13: End 1: 71: SLE_RARA08 [Combination 50]	0.0000	0.0000	326.7473	-642.3952	-423.7651
0.0000					
Beam 13: End 1: 72: SLE_QPERM01 [Combination 51]	0.0000	0.0000	226.6018	-367.2409	-313.0814
0.0000					
Beam 13: End 1: 73: SLE_FREQ01 [Combination 52]	0.0000	0.0000	320.3541	-620.7150	-421.3811
0.0000					
Beam 13: End 1: 74: SLE_FREQ02 [Combination 53]	0.0000	0.0000	308.5379	-593.6831	-399.9652
0.0000					
Beam 13: End 1: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	499.4995	1034.8700	726.3300
0.0000					
Beam 13: End 1: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	499.4995	1034.8700	726.3300
0.0000					
Beam 13: End 1: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	369.4821	600.9079	392.7865
0.0000					
Beam 13: End 1: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	344.3974	726.5485	490.4231
0.0000					

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Beam 13: End 1: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	320.3541	620.7150	421.3811	
0.0000						
Beam 13: End 1: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	226.6018	367.2409	313.0814	
0.0000						
Beam 13: End 2: 1: PP	0.0000	0.0000	38.0766	-201.0148	-220.6658	0.0000
Beam 13: End 2: 2: PERM	0.0000	0.0000	2.3418	-35.8601	-59.2142	0.0000
Beam 13: End 2: 3: SPTSX	0.0000	0.0000	189.9038	-158.5503	9.4298	0.0000
Beam 13: End 2: 4: SPTDX	0.0000	0.0000	-27.0753	75.2448	-33.7834	0.0000
Beam 13: End 2: 5: SPTW	0.0000	0.0000	5.4925	7.3389	-2.7165	0.0000
Beam 13: End 2: 6: ACC_LM71	0.0000	0.0000	-0.0311	-83.5714	-165.8343	0.0000
Beam 13: End 2: 7: ACC_SW2	0.0000	0.0000	-0.0258	-69.1733	-137.2636	0.0000
Beam 13: End 2: 8: SPACCSX_LM71	0.0000	0.0000	81.3034	-91.7458	10.4664	0.0000
Beam 13: End 2: 9: SPACCDX_LM71	0.0000	0.0000	-18.1165	51.2637	-21.7800	0.0000
Beam 13: End 2: 10: SPACCSX_SW2	0.0000	0.0000	67.3027	-75.9497	8.6656	0.0000
Beam 13: End 2: 11: SPACCDX_SW2	0.0000	0.0000	-14.9980	42.4395	-18.0307	0.0000
Beam 13: End 2: 12: AVV_LM71	0.0000	0.0000	32.9299	-96.8263	36.4083	0.0000
Beam 13: End 2: 13: FREN_SW2	0.0000	0.0000	31.7350	-93.3129	35.0872	0.0000
Beam 13: End 2: 14: SERP	0.0000	0.0000	0.1002	-0.2945	0.1107	0.0000
Beam 13: End 2: 15: TERM	0.0000	0.0000	-12.9347	72.4344	10.8279	0.0000
Beam 13: End 2: 16: RITIRO	0.0000	0.0000	9.6579	-54.0843	-8.0848	0.0000
Beam 13: End 2: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Beam 13: End 2: 18: SISMA_H	0.0000	0.0000	70.3495	-160.9773	53.9200	0.0000
Beam 13: End 2: 19: SISMA_V	0.0000	0.0000	-0.0034	-9.1240	-18.1051	0.0000
Beam 13: End 2: 20: SPSSX	0.0000	0.0000	165.3456	-178.4309	16.9371	0.0000
Beam 13: End 2: 21: SPSDX	0.0000	0.0000	-33.4044	94.0405	-40.5723	0.0000
Beam 13: End 2: 22: SLU01 [Combination 1]	0.0000	0.0000	388.8301	-795.7348	-586.2817	0.0000
Beam 13: End 2: 23: SLU02 [Combination 2]	0.0000	0.0000	294.1710	-792.7955	-620.9048	0.0000
Beam 13: End 2: 24: SLU03 [Combination 3]	0.0000	0.0000	272.8626	-660.1348	-602.4087	0.0000
Beam 13: End 2: 25: SLU04 [Combination 4]	0.0000	0.0000	457.2188	-848.6588	-583.9320	0.0000
Beam 13: End 2: 26: SLU05 [Combination 5]	0.0000	0.0000	447.7425	-822.3231	-595.7562	0.0000
Beam 13: End 2: 27: SLU06 [Combination 6]	0.0000	0.0000	400.0393	-560.7464	-408.0886	0.0000

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Beam 13: End 2: 28: SLU07 [Combination 7]	0.0000	0.0000	468.8601	-913.8497	-593.6771	0.0000
Beam 13: End 2: 29: SLU08 [Combination 8]	0.0000	0.0000	395.0179	-498.7968	-289.4243	0.0000
Beam 13: End 2: 30: SLU09 [Combination 9]	0.0000	0.0000	409.4187	-707.9708	-636.6808	0.0000
Beam 13: End 2: 31: SLU10 [Combination 10]	0.0000	0.0000	212.5997	-549.1607	-718.0528	0.0000
Beam 13: End 2: 32: SLU11 [Combination 11]	0.0000	0.0000	340.9414	-773.3788	-680.8276	0.0000
Beam 13: End 2: 33: SLU12 [Combination 12]	0.0000	0.0000	302.1372	-556.0756	-648.3440	0.0000
Beam 13: End 2: 34: SLU13 [Combination 13]	0.0000	0.0000	366.8043	-746.8588	-549.3809	0.0000
Beam 13: End 2: 35: SLU14 [Combination 14]	0.0000	0.0000	292.4461	-766.8238	-581.3929	0.0000
Beam 13: End 2: 36: SLU15 [Combination 15]	0.0000	0.0000	271.1378	-634.1631	-562.8968	0.0000
Beam 13: End 2: 37: SLU16 [Combination 16]	0.0000	0.0000	435.1930	-799.7828	-547.0313	0.0000
Beam 13: End 2: 38: SLU17 [Combination 17]	0.0000	0.0000	425.7167	-773.4471	-558.8555	0.0000
Beam 13: End 2: 39: SLU18 [Combination 18]	0.0000	0.0000	379.7383	-537.8421	-410.6998	0.0000
Beam 13: End 2: 40: SLU19 [Combination 19]	0.0000	0.0000	446.8343	-864.9738	-556.7764	0.0000
Beam 13: End 2: 41: SLU20 [Combination 20]	0.0000	0.0000	374.7169	-475.8926	-292.0355	0.0000
Beam 13: End 2: 42: SLU21 [Combination 21]	0.0000	0.0000	389.1255	-664.1894	-597.8645	0.0000
Beam 13: End 2: 43: SLU22 [Combination 22]	0.0000	0.0000	217.1293	-541.0786	-671.1889	0.0000
Beam 13: End 2: 44: SLU23 [Combination 23]	0.0000	0.0000	324.7084	-734.1782	-641.4890	0.0000
Beam 13: End 2: 45: SLU24 [Combination 24]	0.0000	0.0000	285.9042	-516.8750	-609.0054	0.0000
Beam 13: End 2: 46: SLU25 [Combination 25]	0.0000	0.0000	432.6236	-776.3395	-611.1253	0.0000
Beam 13: End 2: 47: SLU26 [Combination 26]	0.0000	0.0000	412.3304	-732.5580	-572.3090	0.0000
Beam 13: End 2: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	284.6491	-527.2457	-336.3247	0.0000
Beam 13: End 2: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	284.6511	-521.7713	-325.4616	0.0000
Beam 13: End 2: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	342.7001	-477.7625	-386.6553	0.0000
Beam 13: End 2: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	342.7021	-472.2881	-375.7922	0.0000
Beam 13: End 2: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	258.7851	-486.7767	-358.3417	0.0000

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Beam 13: End 2: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	258.7919	-468.5288	-322.1314
0.0000					
Beam 13: End 2: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	276.2004	-471.9317	-373.4408
0.0000					
Beam 13: End 2: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	276.2072	-453.6838	-337.2306
0.0000					
Beam 13: End 2: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	281.6111	-520.5042	-331.2349
0.0000					
Beam 13: End 2: 57: SLU_SISMA10 [Combination 36]	0.0000	0.0000	281.6131	-515.0298	-320.3718
0.0000					
Beam 13: End 2: 58: SLU_SISMA11 [Combination 37]	0.0000	0.0000	339.6620	-471.0209	-381.5655
0.0000					
Beam 13: End 2: 59: SLU_SISMA12 [Combination 38]	0.0000	0.0000	339.6641	-465.5465	-370.7024
0.0000					
Beam 13: End 2: 60: SLU_SISMA13 [Combination 39]	0.0000	0.0000	255.7471	-480.0352	-353.2519
0.0000					
Beam 13: End 2: 61: SLU_SISMA14 [Combination 40]	0.0000	0.0000	255.7539	-461.7872	-317.0416
0.0000					
Beam 13: End 2: 62: SLU_SISMA15 [Combination 41]	0.0000	0.0000	273.1624	-465.1902	-368.3511
0.0000					
Beam 13: End 2: 63: SLU_SISMA16 [Combination 42]	0.0000	0.0000	273.1692	-446.9423	-332.1408
0.0000					
Beam 13: End 2: 64: SLE_RARA01 [Combination 43]	0.0000	0.0000	240.6808	-378.0838	-484.2919
0.0000					
Beam 13: End 2: 65: SLE_RARA02 [Combination 44]	0.0000	0.0000	277.8470	-446.0847	-413.0451
0.0000					
Beam 13: End 2: 66: SLE_RARA03 [Combination 45]	0.0000	0.0000	322.9349	-643.1502	-409.9427
0.0000					
Beam 13: End 2: 67: SLE_RARA04 [Combination 46]	0.0000	0.0000	232.9353	-363.7986	-458.8197
0.0000					
Beam 13: End 2: 68: SLE_RARA05 [Combination 47]	0.0000	0.0000	268.1897	-426.1780	-389.6867
0.0000					

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Beam 13: End 2: 69: SLE_RARA06 [Combination 48]	0.0000	0.0000	310.7827	-616.1841	-389.5837	
0.0000						
Beam 13: End 2: 70: SLE_RARA07 [Combination 49]	0.0000	0.0000	319.1551	-593.6192	-444.4038	
0.0000						
Beam 13: End 2: 71: SLE_RARA08 [Combination 50]	0.0000	0.0000	305.1598	-563.4251	-417.6339	
0.0000						
Beam 13: End 2: 72: SLE_QPERM01 [Combination 51]	0.0000	0.0000	208.7393	-312.8415	-306.9502	
0.0000						
Beam 13: End 2: 73: SLE_FREQ01 [Combination 52]	0.0000	0.0000	298.8916	-543.3275	-415.2498	
0.0000						
Beam 13: End 2: 74: SLE_FREQ02 [Combination 53]	0.0000	0.0000	287.6954	-519.1722	-393.8339	
0.0000						
Beam 13: End 2: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	468.8601	913.8497	718.0528	
0.0000						
Beam 13: End 2: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	468.8601	913.8497	718.0528	
0.0000						
Beam 13: End 2: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	342.7021	527.2457	386.6553	
0.0000						
Beam 13: End 2: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	322.9349	643.1502	484.2919	
0.0000						
Beam 13: End 2: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	298.8916	543.3275	415.2498	
0.0000						
Beam 13: End 2: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	208.7393	312.8415	306.9502	
0.0000						
Beam 14: End 1: 1: PP	0.0000	0.0000	38.0766	-201.0148	-220.6658	0.0000
Beam 14: End 1: 2: PERM	0.0000	0.0000	2.3418	-35.8601	-59.2142	0.0000
Beam 14: End 1: 3: SPTSX	0.0000	0.0000	189.9038	-158.5503	9.4298	0.0000
Beam 14: End 1: 4: SPTDX	0.0000	0.0000	-27.0753	75.2448	-33.7834	0.0000
Beam 14: End 1: 5: SPTW	0.0000	0.0000	5.4925	7.3389	-2.7165	0.0000
Beam 14: End 1: 6: ACC_LM71	0.0000	0.0000	-0.0311	-83.5714	-165.8343	0.0000
Beam 14: End 1: 7: ACC_SW2	0.0000	0.0000	-0.0258	-69.1733	-137.2636	0.0000
Beam 14: End 1: 8: SPACCSX_LM71	0.0000	0.0000	81.3034	-91.7458	10.4664	0.0000

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Beam 14: End 1: 9: SPACCDX_LM71	0.0000	0.0000	-18.1165	51.2637	-21.7800	0.0000
Beam 14: End 1: 10: SPACCSX_SW2	0.0000	0.0000	67.3027	-75.9497	8.6656	0.0000
Beam 14: End 1: 11: SPACCDX_SW2	0.0000	0.0000	-14.9980	42.4395	-18.0307	0.0000
Beam 14: End 1: 12: AVV_LM71	0.0000	0.0000	32.9299	-96.8263	36.4083	0.0000
Beam 14: End 1: 13: FREN_SW2	0.0000	0.0000	31.7350	-93.3129	35.0872	0.0000
Beam 14: End 1: 14: SERP	0.0000	0.0000	0.1002	-0.2945	0.1107	0.0000
Beam 14: End 1: 15: TERM	0.0000	0.0000	-12.9347	72.4344	10.8279	0.0000
Beam 14: End 1: 16: RITIRO	0.0000	0.0000	9.6579	-54.0843	-8.0848	0.0000
Beam 14: End 1: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Beam 14: End 1: 18: SISMA_H	0.0000	0.0000	70.3495	-160.9773	53.9200	0.0000
Beam 14: End 1: 19: SISMA_V	0.0000	0.0000	-0.0034	-9.1240	-18.1051	0.0000
Beam 14: End 1: 20: SPSSX	0.0000	0.0000	165.3456	-178.4309	16.9371	0.0000
Beam 14: End 1: 21: SPSDX	0.0000	0.0000	-33.4044	94.0405	-40.5723	0.0000
Beam 14: End 1: 22: SLU01 [Combination 1]	0.0000	0.0000	388.8301	-795.7348	-586.2817	0.0000
Beam 14: End 1: 23: SLU02 [Combination 2]	0.0000	0.0000	294.1710	-792.7955	-620.9048	0.0000
Beam 14: End 1: 24: SLU03 [Combination 3]	0.0000	0.0000	272.8626	-660.1348	-602.4087	0.0000
Beam 14: End 1: 25: SLU04 [Combination 4]	0.0000	0.0000	457.2188	-848.6588	-583.9320	0.0000
Beam 14: End 1: 26: SLU05 [Combination 5]	0.0000	0.0000	447.7425	-822.3231	-595.7562	0.0000
Beam 14: End 1: 27: SLU06 [Combination 6]	0.0000	0.0000	400.0393	-560.7464	-408.0886	0.0000
Beam 14: End 1: 28: SLU07 [Combination 7]	0.0000	0.0000	468.8601	-913.8497	-593.6771	0.0000
Beam 14: End 1: 29: SLU08 [Combination 8]	0.0000	0.0000	395.0179	-498.7968	-289.4243	0.0000
Beam 14: End 1: 30: SLU09 [Combination 9]	0.0000	0.0000	409.4187	-707.9708	-636.6808	0.0000
Beam 14: End 1: 31: SLU10 [Combination 10]	0.0000	0.0000	212.5997	-549.1607	-718.0528	0.0000
Beam 14: End 1: 32: SLU11 [Combination 11]	0.0000	0.0000	340.9414	-773.3788	-680.8276	0.0000
Beam 14: End 1: 33: SLU12 [Combination 12]	0.0000	0.0000	302.1372	-556.0756	-648.3440	0.0000
Beam 14: End 1: 34: SLU13 [Combination 13]	0.0000	0.0000	366.8043	-746.8588	-549.3809	0.0000
Beam 14: End 1: 35: SLU14 [Combination 14]	0.0000	0.0000	292.4461	-766.8238	-581.3929	0.0000
Beam 14: End 1: 36: SLU15 [Combination 15]	0.0000	0.0000	271.1378	-634.1631	-562.8968	0.0000
Beam 14: End 1: 37: SLU16 [Combination 16]	0.0000	0.0000	435.1930	-799.7828	-547.0313	0.0000
Beam 14: End 1: 38: SLU17 [Combination 17]	0.0000	0.0000	425.7167	-773.4471	-558.8555	0.0000

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Beam 14: End 1: 39: SLU18 [Combination 18]	0.0000	0.0000	379.7383	-537.8421	-410.6998	0.0000
Beam 14: End 1: 40: SLU19 [Combination 19]	0.0000	0.0000	446.8343	-864.9738	-556.7764	0.0000
Beam 14: End 1: 41: SLU20 [Combination 20]	0.0000	0.0000	374.7169	-475.8926	-292.0355	0.0000
Beam 14: End 1: 42: SLU21 [Combination 21]	0.0000	0.0000	389.1255	-664.1894	-597.8645	0.0000
Beam 14: End 1: 43: SLU22 [Combination 22]	0.0000	0.0000	217.1293	-541.0786	-671.1889	0.0000
Beam 14: End 1: 44: SLU23 [Combination 23]	0.0000	0.0000	324.7084	-734.1782	-641.4890	0.0000
Beam 14: End 1: 45: SLU24 [Combination 24]	0.0000	0.0000	285.9042	-516.8750	-609.0054	0.0000
Beam 14: End 1: 46: SLU25 [Combination 25]	0.0000	0.0000	432.6236	-776.3395	-611.1253	0.0000
Beam 14: End 1: 47: SLU26 [Combination 26]	0.0000	0.0000	412.3304	-732.5580	-572.3090	0.0000
Beam 14: End 1: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	284.6491	-527.2457	-336.3247	0.0000
Beam 14: End 1: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	284.6511	-521.7713	-325.4616	0.0000
Beam 14: End 1: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	342.7001	-477.7625	-386.6553	0.0000
Beam 14: End 1: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	342.7021	-472.2881	-375.7922	0.0000
Beam 14: End 1: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	258.7851	-486.7767	-358.3417	0.0000
Beam 14: End 1: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	258.7919	-468.5288	-322.1314	0.0000
Beam 14: End 1: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	276.2004	-471.9317	-373.4408	0.0000
Beam 14: End 1: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	276.2072	-453.6838	-337.2306	0.0000
Beam 14: End 1: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	281.6111	-520.5042	-331.2349	0.0000
Beam 14: End 1: 57: SLU_SISMA10 [Combination 36]	0.0000	0.0000	281.6131	-515.0298	-320.3718	0.0000
Beam 14: End 1: 58: SLU_SISMA11 [Combination 37]	0.0000	0.0000	339.6620	-471.0209	-381.5655	0.0000

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Beam 14: End 1: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	339.6641	-465.5465	-370.7024
Beam 14: End 1: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	255.7471	-480.0352	-353.2519
Beam 14: End 1: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	255.7539	-461.7872	-317.0416
Beam 14: End 1: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	273.1624	-465.1902	-368.3511
Beam 14: End 1: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	273.1692	-446.9423	-332.1408
Beam 14: End 1: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	240.6808	-378.0838	-484.2919
Beam 14: End 1: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	277.8470	-446.0847	-413.0451
Beam 14: End 1: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	322.9349	-643.1502	-409.9427
Beam 14: End 1: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	232.9353	-363.7986	-458.8197
Beam 14: End 1: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	268.1897	-426.1780	-389.6867
Beam 14: End 1: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	310.7827	-616.1841	-389.5837
Beam 14: End 1: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	319.1551	-593.6192	-444.4038
Beam 14: End 1: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	305.1598	-563.4251	-417.6339
Beam 14: End 1: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	208.7393	-312.8415	-306.9502
Beam 14: End 1: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	298.8916	-543.3275	-415.2498
Beam 14: End 1: 74: SLE_FREQ02 [Combination 53] 0.0000	0.0000	0.0000	287.6954	-519.1722	-393.8339

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Beam 14: End 1: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	468.8601	913.8497	718.0528		
0.0000							
Beam 14: End 1: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	468.8601	913.8497	718.0528		
0.0000							
Beam 14: End 1: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	342.7021	527.2457	386.6553		
0.0000							
Beam 14: End 1: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	322.9349	643.1502	484.2919		
0.0000							
Beam 14: End 1: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	298.8916	543.3275	415.2498		
0.0000							
Beam 14: End 1: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	208.7393	312.8415	306.9502		
0.0000							
Beam 14: End 2: 1: PP	0.0000	0.0000	38.0766	-191.4957	-214.5345	0.0000	
Beam 14: End 2: 2: PERM	0.0000	0.0000	2.3418	-35.2747	-59.2142	0.0000	
Beam 14: End 2: 3: SPTSX	0.0000	0.0000	175.1163	-112.9275	9.4298	0.0000	
Beam 14: End 2: 4: SPTDX	0.0000	0.0000	-27.0753	68.4760	-33.7834	0.0000	
Beam 14: End 2: 5: SPTW	0.0000	0.0000	3.2800	8.4224	-2.7165	0.0000	
Beam 14: End 2: 6: ACC_LM71	0.0000	0.0000	-0.0311	-83.5792	-165.8343	0.0000	
Beam 14: End 2: 7: ACC_SW2	0.0000	0.0000	-0.0258	-69.1798	-137.2636	0.0000	
Beam 14: End 2: 8: SPACCSX_LM71	0.0000	0.0000	76.8034	-71.9824	10.4664	0.0000	
Beam 14: End 2: 9: SPACCDX_LM71	0.0000	0.0000	-18.1165	46.7345	-21.7800	0.0000	
Beam 14: End 2: 10: SPACCSX_SW2	0.0000	0.0000	63.5777	-59.5897	8.6656	0.0000	
Beam 14: End 2: 11: SPACCDX_SW2	0.0000	0.0000	-14.9980	38.6900	-18.0307	0.0000	
Beam 14: End 2: 12: AVV_LM71	0.0000	0.0000	32.9299	-88.5939	36.4083	0.0000	
Beam 14: End 2: 13: FREN_SW2	0.0000	0.0000	31.7350	-85.3791	35.0872	0.0000	
Beam 14: End 2: 14: SERP	0.0000	0.0000	0.1002	-0.2695	0.1107	0.0000	
Beam 14: End 2: 15: TERM	0.0000	0.0000	-12.9347	69.2007	10.8279	0.0000	
Beam 14: End 2: 16: RITIRO	0.0000	0.0000	9.6579	-51.6699	-8.0848	0.0000	
Beam 14: End 2: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Beam 14: End 2: 18: SISMA_H	0.0000	0.0000	68.9670	-143.5628	53.9200	0.0000	
Beam 14: End 2: 19: SISMA_V	0.0000	0.0000	-0.0034	-9.1248	-18.1051	0.0000	

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		Progetto	Lotto	Codifica	
		IN17	12	EI2CLSL1000001	A

Beam 14: End 2: 20: SPSSX	0.0000	0.0000	155.9456	-138.2695	16.9371	0.0000	
Beam 14: End 2: 21: SPSPDX	0.0000	0.0000	-33.4044	85.6894	-40.5723	0.0000	
Beam 14: End 2: 22: SLU01 [Combination 1]	0.0000	0.0000	365.3051	-701.4856	-578.0045	0.0000	
Beam 14: End 2: 23: SLU02 [Combination 2]	0.0000	0.0000	277.1710	-721.3955	-612.6276	0.0000	
Beam 14: End 2: 24: SLU03 [Combination 3]	0.0000	0.0000	255.0882	-594.1632	-594.1315	0.0000	
Beam 14: End 2: 25: SLU04 [Combination 4]	0.0000	0.0000	427.7438	-738.0623	-575.6548	0.0000	
Beam 14: End 2: 26: SLU05 [Combination 5]	0.0000	0.0000	418.2675	-714.0957	-587.4790	0.0000	
Beam 14: End 2: 27: SLU06 [Combination 6]	0.0000	0.0000	370.5643	-464.4449	-399.8114	0.0000	
Beam 14: End 2: 28: SLU07 [Combination 7]	0.0000	0.0000	439.3851	-800.3430	-585.3999	0.0000	
Beam 14: End 2: 29: SLU08 [Combination 8]	0.0000	0.0000	365.5429	-403.7506	-283.2930	0.0000	
Beam 14: End 2: 30: SLU09 [Combination 9]	0.0000	0.0000	379.9437	-609.3244	-628.4036	0.0000	
Beam 14: End 2: 31: SLU10 [Combination 10]	0.0000	0.0000	194.8253	-498.2548	-709.7756	0.0000	
Beam 14: End 2: 32: SLU11 [Combination 11]	0.0000	0.0000	317.9470	-691.0400	-672.5504	0.0000	
Beam 14: End 2: 33: SLU12 [Combination 12]	0.0000	0.0000	279.1428	-483.4379	-640.0668	0.0000	
Beam 14: End 2: 34: SLU13 [Combination 13]	0.0000	0.0000	344.4031	-657.9756	-541.1038	0.0000	
Beam 14: End 2: 35: SLU14 [Combination 14]	0.0000	0.0000	275.4461	-695.8550	-573.1157	0.0000	
Beam 14: End 2: 36: SLU15 [Combination 15]	0.0000	0.0000	253.3634	-568.6227	-554.6196	0.0000	
Beam 14: End 2: 37: SLU16 [Combination 16]	0.0000	0.0000	406.8418	-694.5524	-538.7541	0.0000	
Beam 14: End 2: 38: SLU17 [Combination 17]	0.0000	0.0000	397.3654	-670.5858	-550.5783	0.0000	
Beam 14: End 2: 39: SLU18 [Combination 18]	0.0000	0.0000	351.3870	-446.4754	-402.4226	0.0000	
Beam 14: End 2: 40: SLU19 [Combination 19]	0.0000	0.0000	418.4830	-756.8330	-548.4992	0.0000	
Beam 14: End 2: 41: SLU20 [Combination 20]	0.0000	0.0000	346.3657	-385.7812	-285.9042	0.0000	
Beam 14: End 2: 42: SLU21 [Combination 21]	0.0000	0.0000	360.7743	-570.4758	-589.5873	0.0000	
Beam 14: End 2: 43: SLU22 [Combination 22]	0.0000	0.0000	199.3550	-489.0403	-662.9117	0.0000	
Beam 14: End 2: 44: SLU23 [Combination 23]	0.0000	0.0000	302.6130	-655.7853	-633.2118	0.0000	
Beam 14: End 2: 45: SLU24 [Combination 24]	0.0000	0.0000	263.8088	-448.1832	-600.7282	0.0000	
Beam 14: End 2: 46: SLU25 [Combination 25]	0.0000	0.0000	403.1486	-671.8919	-602.8481	0.0000	
Beam 14: End 2: 47: SLU26 [Combination 26]	0.0000	0.0000	383.9791	-633.0432	-564.0318	0.0000	
Beam 14: End 2: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	265.3666	-458.5115	-330.1934	0.0000	

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Beam 14: End 2: 49: SLU_SISMA02 [Combination 28] 0.0000	0.0000	0.0000	265.3686	-453.0366	-319.3303
Beam 14: End 2: 50: SLU_SISMA03 [Combination 29] 0.0000	0.0000	0.0000	316.7826	-395.3448	-380.5240
Beam 14: End 2: 51: SLU_SISMA04 [Combination 30] 0.0000	0.0000	0.0000	316.7846	-389.8699	-369.6609
Beam 14: End 2: 52: SLU_SISMA05 [Combination 31] 0.0000	0.0000	0.0000	240.4704	-424.3875	-352.2104
Beam 14: End 2: 53: SLU_SISMA06 [Combination 32] 0.0000	0.0000	0.0000	240.4772	-406.1378	-316.0001
Beam 14: End 2: 54: SLU_SISMA07 [Combination 33] 0.0000	0.0000	0.0000	255.8952	-405.4375	-367.3096
Beam 14: End 2: 55: SLU_SISMA08 [Combination 34] 0.0000	0.0000	0.0000	255.9020	-387.1878	-331.0993
Beam 14: End 2: 56: SLU_SISMA09 [Combination 35] 0.0000	0.0000	0.0000	262.4836	-452.5101	-325.1037
Beam 14: End 2: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	262.4856	-447.0352	-314.2406
Beam 14: End 2: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	313.8995	-389.3435	-375.4343
Beam 14: End 2: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	313.9016	-383.8685	-364.5712
Beam 14: End 2: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	237.5874	-418.3861	-347.1206
Beam 14: End 2: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	237.5942	-400.1364	-310.9104
Beam 14: End 2: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	253.0121	-399.4361	-362.2198
Beam 14: End 2: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	253.0189	-381.1864	-326.0096
Beam 14: End 2: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	220.0808	-320.5063	-478.1606

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Beam 14: End 2: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	257.2470	-379.2157	-406.9138
Beam 14: End 2: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	302.3349	-565.0092	-403.8114
Beam 14: End 2: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	212.9553	-308.0800	-452.6884
Beam 14: End 2: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	248.2097	-361.6458	-383.5554
Beam 14: End 2: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	290.8027	-541.0037	-383.4524
Beam 14: End 2: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	297.6551	-516.5356	-438.2725
Beam 14: End 2: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	284.4348	-489.7435	-411.5026
Beam 14: End 2: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	191.7393	-262.7993	-300.8189
Beam 14: End 2: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	278.2916	-471.1973	-409.1186
Beam 14: End 2: 74: SLE_FREQ02 [Combination 53] 0.0000	0.0000	0.0000	267.7154	-449.7636	-387.7027
Beam 14: End 2: 75: SLU/SLV [Absolute Envelope 1] 0.0000	0.0000	0.0000	439.3851	800.3430	709.7756
Beam 14: End 2: 76: SLU [Absolute Envelope 2] 0.0000	0.0000	0.0000	439.3851	800.3430	709.7756
Beam 14: End 2: 77: SLV [Absolute Envelope 3] 0.0000	0.0000	0.0000	316.7846	458.5115	380.5240
Beam 14: End 2: 78: SLE R [Absolute Envelope 4] 0.0000	0.0000	0.0000	302.3349	565.0092	478.1606
Beam 14: End 2: 79: SLE F [Absolute Envelope 5] 0.0000	0.0000	0.0000	278.2916	471.1973	409.1186
Beam 14: End 2: 80: SLE QP [Absolute Envelope 6] 0.0000	0.0000	0.0000	191.7393	262.7993	300.8189
Beam 15: End 1: 1: PP	0.0000	0.0000	38.0766	-191.4957	-214.5345
				0.0000	

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Beam 15: End 1: 2: PERM	0.0000	0.0000	2.3418	-35.2747	-59.2142	0.0000	
Beam 15: End 1: 3: SPTSX	0.0000	0.0000	175.1163	-112.9275	9.4298	0.0000	
Beam 15: End 1: 4: SPTDX	0.0000	0.0000	-27.0753	68.4760	-33.7834	0.0000	
Beam 15: End 1: 5: SPTW	0.0000	0.0000	3.2800	8.4224	-2.7165	0.0000	
Beam 15: End 1: 6: ACC_LM71	0.0000	0.0000	-0.0311	-83.5792	-165.8343	0.0000	
Beam 15: End 1: 7: ACC_SW2	0.0000	0.0000	-0.0258	-69.1798	-137.2636	0.0000	
Beam 15: End 1: 8: SPACCSX_LM71	0.0000	0.0000	76.8034	-71.9824	10.4664	0.0000	
Beam 15: End 1: 9: SPACCDX_LM71	0.0000	0.0000	-18.1165	46.7345	-21.7800	0.0000	
Beam 15: End 1: 10: SPACCSX_SW2	0.0000	0.0000	63.5777	-59.5897	8.6656	0.0000	
Beam 15: End 1: 11: SPACCDX_SW2	0.0000	0.0000	-14.9980	38.6900	-18.0307	0.0000	
Beam 15: End 1: 12: AVV_LM71	0.0000	0.0000	32.9299	-88.5939	36.4083	0.0000	
Beam 15: End 1: 13: FREN_SW2	0.0000	0.0000	31.7350	-85.3791	35.0872	0.0000	
Beam 15: End 1: 14: SERP	0.0000	0.0000	0.1002	-0.2695	0.1107	0.0000	
Beam 15: End 1: 15: TERM	0.0000	0.0000	-12.9347	69.2007	10.8279	0.0000	
Beam 15: End 1: 16: RITIRO	0.0000	0.0000	9.6579	-51.6699	-8.0848	0.0000	
Beam 15: End 1: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Beam 15: End 1: 18: SISMA_H	0.0000	0.0000	68.9670	-143.5628	53.9200	0.0000	
Beam 15: End 1: 19: SISMA_V	0.0000	0.0000	-0.0034	-9.1248	-18.1051	0.0000	
Beam 15: End 1: 20: SPSSX	0.0000	0.0000	155.9456	-138.2695	16.9371	0.0000	
Beam 15: End 1: 21: SPSTD	0.0000	0.0000	-33.4044	85.6894	-40.5723	0.0000	
Beam 15: End 1: 22: SLU01 [Combination 1]	0.0000	0.0000	365.3051	-701.4856	-578.0045	0.0000	
Beam 15: End 1: 23: SLU02 [Combination 2]	0.0000	0.0000	277.1710	-721.3955	-612.6276	0.0000	
Beam 15: End 1: 24: SLU03 [Combination 3]	0.0000	0.0000	255.0882	-594.1632	-594.1315	0.0000	
Beam 15: End 1: 25: SLU04 [Combination 4]	0.0000	0.0000	427.7438	-738.0623	-575.6548	0.0000	
Beam 15: End 1: 26: SLU05 [Combination 5]	0.0000	0.0000	418.2675	-714.0957	-587.4790	0.0000	
Beam 15: End 1: 27: SLU06 [Combination 6]	0.0000	0.0000	370.5643	-464.4449	-399.8114	0.0000	
Beam 15: End 1: 28: SLU07 [Combination 7]	0.0000	0.0000	439.3851	-800.3430	-585.3999	0.0000	
Beam 15: End 1: 29: SLU08 [Combination 8]	0.0000	0.0000	365.5429	-403.7506	-283.2930	0.0000	
Beam 15: End 1: 30: SLU09 [Combination 9]	0.0000	0.0000	379.9437	-609.3244	-628.4036	0.0000	
Beam 15: End 1: 31: SLU10 [Combination 10]	0.0000	0.0000	194.8253	-498.2548	-709.7756	0.0000	

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Beam 15: End 1: 32: SLU11 [Combination 11]	0.0000	0.0000	317.9470	-691.0400	-672.5504	0.0000
Beam 15: End 1: 33: SLU12 [Combination 12]	0.0000	0.0000	279.1428	-483.4379	-640.0668	0.0000
Beam 15: End 1: 34: SLU13 [Combination 13]	0.0000	0.0000	344.4031	-657.9756	-541.1038	0.0000
Beam 15: End 1: 35: SLU14 [Combination 14]	0.0000	0.0000	275.4461	-695.8550	-573.1157	0.0000
Beam 15: End 1: 36: SLU15 [Combination 15]	0.0000	0.0000	253.3634	-568.6227	-554.6196	0.0000
Beam 15: End 1: 37: SLU16 [Combination 16]	0.0000	0.0000	406.8418	-694.5524	-538.7541	0.0000
Beam 15: End 1: 38: SLU17 [Combination 17]	0.0000	0.0000	397.3654	-670.5858	-550.5783	0.0000
Beam 15: End 1: 39: SLU18 [Combination 18]	0.0000	0.0000	351.3870	-446.4754	-402.4226	0.0000
Beam 15: End 1: 40: SLU19 [Combination 19]	0.0000	0.0000	418.4830	-756.8330	-548.4992	0.0000
Beam 15: End 1: 41: SLU20 [Combination 20]	0.0000	0.0000	346.3657	-385.7812	-285.9042	0.0000
Beam 15: End 1: 42: SLU21 [Combination 21]	0.0000	0.0000	360.7743	-570.4758	-589.5873	0.0000
Beam 15: End 1: 43: SLU22 [Combination 22]	0.0000	0.0000	199.3550	-489.0403	-662.9117	0.0000
Beam 15: End 1: 44: SLU23 [Combination 23]	0.0000	0.0000	302.6130	-655.7853	-633.2118	0.0000
Beam 15: End 1: 45: SLU24 [Combination 24]	0.0000	0.0000	263.8088	-448.1832	-600.7282	0.0000
Beam 15: End 1: 46: SLU25 [Combination 25]	0.0000	0.0000	403.1486	-671.8919	-602.8481	0.0000
Beam 15: End 1: 47: SLU26 [Combination 26]	0.0000	0.0000	383.9791	-633.0432	-564.0318	0.0000
Beam 15: End 1: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	265.3666	-458.5115	-330.1934	0.0000
Beam 15: End 1: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	265.3686	-453.0366	-319.3303	0.0000
Beam 15: End 1: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	316.7826	-395.3448	-380.5240	0.0000
Beam 15: End 1: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	316.7846	-389.8699	-369.6609	0.0000
Beam 15: End 1: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	240.4704	-424.3875	-352.2104	0.0000
Beam 15: End 1: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	240.4772	-406.1378	-316.0001	0.0000
Beam 15: End 1: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	255.8952	-405.4375	-367.3096	0.0000

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Beam 15: End 1: 55: SLU_SISMA08 [Combination 34] 0.0000	0.0000	0.0000	255.9020	-387.1878	-331.0993
Beam 15: End 1: 56: SLU_SISMA09 [Combination 35] 0.0000	0.0000	0.0000	262.4836	-452.5101	-325.1037
Beam 15: End 1: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	262.4856	-447.0352	-314.2406
Beam 15: End 1: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	313.8995	-389.3435	-375.4343
Beam 15: End 1: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	313.9016	-383.8685	-364.5712
Beam 15: End 1: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	237.5874	-418.3861	-347.1206
Beam 15: End 1: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	237.5942	-400.1364	-310.9104
Beam 15: End 1: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	253.0121	-399.4361	-362.2198
Beam 15: End 1: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	253.0189	-381.1864	-326.0096
Beam 15: End 1: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	220.0808	-320.5063	-478.1606
Beam 15: End 1: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	257.2470	-379.2157	-406.9138
Beam 15: End 1: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	302.3349	-565.0092	-403.8114
Beam 15: End 1: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	212.9553	-308.0800	-452.6884
Beam 15: End 1: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	248.2097	-361.6458	-383.5554
Beam 15: End 1: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	290.8027	-541.0037	-383.4524
Beam 15: End 1: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	297.6551	-516.5356	-438.2725

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Beam 15: End 1: 71: SLE_RARA08 [Combination 50]	0.0000	0.0000	284.4348	-489.7435	-411.5026		
0.0000							
Beam 15: End 1: 72: SLE_QPERM01 [Combination 51]	0.0000	0.0000	191.7393	-262.7993	-300.8189		
0.0000							
Beam 15: End 1: 73: SLE_FREQ01 [Combination 52]	0.0000	0.0000	278.2916	-471.1973	-409.1186		
0.0000							
Beam 15: End 1: 74: SLE_FREQ02 [Combination 53]	0.0000	0.0000	267.7154	-449.7636	-387.7027		
0.0000							
Beam 15: End 1: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	439.3851	800.3430	709.7756		
0.0000							
Beam 15: End 1: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	439.3851	800.3430	709.7756		
0.0000							
Beam 15: End 1: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	316.7846	458.5115	380.5240		
0.0000							
Beam 15: End 1: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	302.3349	565.0092	478.1606		
0.0000							
Beam 15: End 1: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	278.2916	471.1973	409.1186		
0.0000							
Beam 15: End 1: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	191.7393	262.7993	300.8189		
0.0000							
Beam 15: End 2: 1: PP	0.0000	0.0000	38.0766	-164.0806	-196.8765	0.0000	
Beam 15: End 2: 2: PERM	0.0000	0.0000	2.3418	-33.5886	-59.2142	0.0000	
Beam 15: End 2: 3: SPTSX	0.0000	0.0000	133.8603	-1.8169	9.4298	0.0000	
Beam 15: End 2: 4: SPTDX	0.0000	0.0000	-27.0753	48.9818	-33.7834	0.0000	
Beam 15: End 2: 5: SPTW	0.0000	0.0000	0.4080	9.4381	-2.7165	0.0000	
Beam 15: End 2: 6: ACC_LM71	0.0000	0.0000	-0.0311	-83.6016	-165.8343	0.0000	
Beam 15: End 2: 7: ACC_SW2	0.0000	0.0000	-0.0258	-69.1983	-137.2636	0.0000	
Beam 15: End 2: 8: SPACCSX_LM71	0.0000	0.0000	63.8434	-21.3496	10.4664	0.0000	
Beam 15: End 2: 9: SPACCDX_LM71	0.0000	0.0000	-18.1165	33.6907	-21.7800	0.0000	
Beam 15: End 2: 10: SPACCSX_SW2	0.0000	0.0000	52.8497	-17.6758	8.6656	0.0000	
Beam 15: End 2: 11: SPACCDX_SW2	0.0000	0.0000	-14.9980	27.8915	-18.0307	0.0000	
Beam 15: End 2: 12: AVV_LM71	0.0000	0.0000	32.9299	-64.8843	36.4083	0.0000	

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Beam 15: End 2: 13: FREN_SW2	0.0000	0.0000	31.7350	-62.5299	35.0872	0.0000	
Beam 15: End 2: 14: SERP	0.0000	0.0000	0.1002	-0.1974	0.1107	0.0000	
Beam 15: End 2: 15: TERM	0.0000	0.0000	-12.9347	59.8877	10.8279	0.0000	
Beam 15: End 2: 16: RITIRO	0.0000	0.0000	9.6579	-44.7161	-8.0848	0.0000	
Beam 15: End 2: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Beam 15: End 2: 18: SISMA_H	0.0000	0.0000	64.9854	-95.3399	53.9200	0.0000	
Beam 15: End 2: 19: SISMA_V	0.0000	0.0000	-0.0034	-9.1273	-18.1051	0.0000	
Beam 15: End 2: 20: SPSSX	0.0000	0.0000	128.8736	-35.7346	16.9371	0.0000	
Beam 15: End 2: 21: SPSDX	0.0000	0.0000	-33.4044	61.6382	-40.5723	0.0000	
Beam 15: End 2: 22: SLU01 [Combination 1]	0.0000	0.0000	302.3850	-461.5501	-554.1662	0.0000	
Beam 15: End 2: 23: SLU02 [Combination 2]	0.0000	0.0000	233.0429	-538.1515	-588.7893	0.0000	
Beam 15: End 2: 24: SLU03 [Combination 3]	0.0000	0.0000	209.9549	-427.2898	-570.2932	0.0000	
Beam 15: End 2: 25: SLU04 [Combination 4]	0.0000	0.0000	349.3789	-458.8826	-551.8165	0.0000	
Beam 15: End 2: 26: SLU05 [Combination 5]	0.0000	0.0000	339.9026	-441.7390	-563.6407	0.0000	
Beam 15: End 2: 27: SLU06 [Combination 6]	0.0000	0.0000	292.1993	-226.4345	-375.9731	0.0000	
Beam 15: End 2: 28: SLU07 [Combination 7]	0.0000	0.0000	361.0202	-512.7816	-561.5616	0.0000	
Beam 15: End 2: 29: SLU08 [Combination 8]	0.0000	0.0000	287.1780	-169.3556	-265.6350	0.0000	
Beam 15: End 2: 30: SLU09 [Combination 9]	0.0000	0.0000	301.5788	-364.5608	-604.5653	0.0000	
Beam 15: End 2: 31: SLU10 [Combination 10]	0.0000	0.0000	149.6920	-374.7707	-685.9373	0.0000	
Beam 15: End 2: 32: SLU11 [Combination 11]	0.0000	0.0000	257.7801	-484.3204	-648.7121	0.0000	
Beam 15: End 2: 33: SLU12 [Combination 12]	0.0000	0.0000	218.9759	-304.6573	-616.2285	0.0000	
Beam 15: End 2: 34: SLU13 [Combination 13]	0.0000	0.0000	284.7194	-431.9245	-517.2655	0.0000	
Beam 15: End 2: 35: SLU14 [Combination 14]	0.0000	0.0000	231.3181	-513.8528	-549.2774	0.0000	
Beam 15: End 2: 36: SLU15 [Combination 15]	0.0000	0.0000	208.2301	-402.9912	-530.7813	0.0000	
Beam 15: End 2: 37: SLU16 [Combination 16]	0.0000	0.0000	331.7133	-429.2570	-514.9158	0.0000	
Beam 15: End 2: 38: SLU17 [Combination 17]	0.0000	0.0000	322.2369	-412.1134	-526.7400	0.0000	
Beam 15: End 2: 39: SLU18 [Combination 18]	0.0000	0.0000	276.2585	-221.1075	-378.5843	0.0000	
Beam 15: End 2: 40: SLU19 [Combination 19]	0.0000	0.0000	343.3545	-483.1560	-524.6609	0.0000	
Beam 15: End 2: 41: SLU20 [Combination 20]	0.0000	0.0000	271.2372	-164.0286	-268.2462	0.0000	
Beam 15: End 2: 42: SLU21 [Combination 21]	0.0000	0.0000	285.6458	-338.3491	-565.7490	0.0000	

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Beam 15: End 2: 43: SLU22 [Combination 22]	0.0000	0.0000	154.2216	-362.2949	-639.0734	0.0000
Beam 15: End 2: 44: SLU23 [Combination 23]	0.0000	0.0000	245.0352	-459.1741	-609.3735	0.0000
Beam 15: End 2: 45: SLU24 [Combination 24]	0.0000	0.0000	206.2310	-279.5110	-576.8899	0.0000
Beam 15: End 2: 46: SLU25 [Combination 25]	0.0000	0.0000	324.7837	-410.4207	-579.0098	0.0000
Beam 15: End 2: 47: SLU26 [Combination 26]	0.0000	0.0000	308.8506	-384.2090	-540.1935	0.0000
Beam 15: End 2: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	214.6649	-286.1331	-312.5354	0.0000
Beam 15: End 2: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	214.6670	-280.6567	-301.6723	0.0000
Beam 15: End 2: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	246.9721	-192.8261	-362.8660	0.0000
Beam 15: End 2: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	246.9741	-187.3497	-352.0029	0.0000
Beam 15: End 2: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	192.5558	-268.9310	-334.5524	0.0000
Beam 15: End 2: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	192.5626	-250.6764	-298.3421	0.0000
Beam 15: End 2: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	202.2480	-240.9389	-349.6516	0.0000
Beam 15: End 2: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	202.2548	-222.6843	-313.4413	0.0000
Beam 15: End 2: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	212.2283	-282.0468	-307.4457	0.0000
Beam 15: End 2: 57: SLU_SISMA10 [Combination 36]	0.0000	0.0000	212.2303	-276.5704	-296.5826	0.0000
Beam 15: End 2: 58: SLU_SISMA11 [Combination 37]	0.0000	0.0000	244.5354	-188.7398	-357.7763	0.0000
Beam 15: End 2: 59: SLU_SISMA12 [Combination 38]	0.0000	0.0000	244.5375	-183.2634	-346.9132	0.0000
Beam 15: End 2: 60: SLU_SISMA13 [Combination 39]	0.0000	0.0000	190.1192	-264.8447	-329.4626	0.0000

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Beam 15: End 2: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	190.1260	-246.5901	-293.2524
Beam 15: End 2: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	199.8113	-236.8526	-344.5618
Beam 15: End 2: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	199.8181	-218.5980	-308.3516
Beam 15: End 2: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	165.5847	-182.0997	-460.5026
Beam 15: End 2: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	202.7509	-214.0493	-389.2558
Beam 15: End 2: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	247.8388	-367.3796	-386.1534
Beam 15: End 2: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	160.2448	-174.1609	-435.0304
Beam 15: End 2: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	195.4992	-202.3436	-365.8974
Beam 15: End 2: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	238.0922	-351.0345	-365.7944
Beam 15: End 2: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	240.5670	-323.2086	-420.6145
Beam 15: End 2: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	229.5787	-305.1315	-393.8446
Beam 15: End 2: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	147.6112	-141.0661	-283.1609
Beam 15: End 2: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	223.7955	-290.8789	-391.4606
Beam 15: End 2: 74: SLE_FREQ02 [Combination 53] 0.0000	0.0000	0.0000	215.0049	-276.4172	-370.0447
Beam 15: End 2: 75: SLU/SLV [Absolute Envelope 1] 0.0000	0.0000	0.0000	361.0202	538.1515	685.9373
Beam 15: End 2: 76: SLU [Absolute Envelope 2] 0.0000	0.0000	0.0000	361.0202	538.1515	685.9373

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Beam 15: End 2: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	246.9741	286.1331	362.8660		
0.0000							
Beam 15: End 2: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	247.8388	367.3796	460.5026		
0.0000							
Beam 15: End 2: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	223.7955	290.8789	391.4606		
0.0000							
Beam 15: End 2: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	147.6112	141.0661	283.1609		
0.0000							
Beam 16: End 1: 1: PP	0.0000	0.0000	38.0766	-164.0806	-196.8765	0.0000	
Beam 16: End 1: 2: PERM	0.0000	0.0000	2.3418	-33.5886	-59.2142	0.0000	
Beam 16: End 1: 3: SPTSX	0.0000	0.0000	133.8603	-1.8169	9.4298	0.0000	
Beam 16: End 1: 4: SPTDX	0.0000	0.0000	-27.0753	48.9818	-33.7834	0.0000	
Beam 16: End 1: 5: SPTW	0.0000	0.0000	0.4080	9.4381	-2.7165	0.0000	
Beam 16: End 1: 6: ACC_LM71	0.0000	0.0000	-0.0311	-83.6016	-165.8343	0.0000	
Beam 16: End 1: 7: ACC_SW2	0.0000	0.0000	-0.0258	-69.1983	-137.2636	0.0000	
Beam 16: End 1: 8: SPACCSX_LM71	0.0000	0.0000	63.8434	-21.3496	10.4664	0.0000	
Beam 16: End 1: 9: SPACCDX_LM71	0.0000	0.0000	-18.1165	33.6907	-21.7800	0.0000	
Beam 16: End 1: 10: SPACCSX_SW2	0.0000	0.0000	52.8497	-17.6758	8.6656	0.0000	
Beam 16: End 1: 11: SPACCDX_SW2	0.0000	0.0000	-14.9980	27.8915	-18.0307	0.0000	
Beam 16: End 1: 12: AVV_LM71	0.0000	0.0000	32.9299	-64.8843	36.4083	0.0000	
Beam 16: End 1: 13: FREN_SW2	0.0000	0.0000	31.7350	-62.5299	35.0872	0.0000	
Beam 16: End 1: 14: SERP	0.0000	0.0000	0.1002	-0.1974	0.1107	0.0000	
Beam 16: End 1: 15: TERM	0.0000	0.0000	-12.9347	59.8877	10.8279	0.0000	
Beam 16: End 1: 16: RITIRO	0.0000	0.0000	9.6579	-44.7161	-8.0848	0.0000	
Beam 16: End 1: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Beam 16: End 1: 18: SISMA_H	0.0000	0.0000	64.9854	-95.3399	53.9200	0.0000	
Beam 16: End 1: 19: SISMA_V	0.0000	0.0000	-0.0034	-9.1273	-18.1051	0.0000	
Beam 16: End 1: 20: SPSSX	0.0000	0.0000	128.8736	-35.7346	16.9371	0.0000	
Beam 16: End 1: 21: SPSDX	0.0000	0.0000	-33.4044	61.6382	-40.5723	0.0000	
Beam 16: End 1: 22: SLU01 [Combination 1]	0.0000	0.0000	302.3850	-461.5501	-554.1662	0.0000	
Beam 16: End 1: 23: SLU02 [Combination 2]	0.0000	0.0000	233.0429	-538.1515	-588.7893	0.0000	

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Beam 16: End 1: 24: SLU03 [Combination 3]	0.0000	0.0000	209.9549	-427.2898	-570.2932	0.0000
Beam 16: End 1: 25: SLU04 [Combination 4]	0.0000	0.0000	349.3789	-458.8826	-551.8165	0.0000
Beam 16: End 1: 26: SLU05 [Combination 5]	0.0000	0.0000	339.9026	-441.7390	-563.6407	0.0000
Beam 16: End 1: 27: SLU06 [Combination 6]	0.0000	0.0000	292.1993	-226.4345	-375.9731	0.0000
Beam 16: End 1: 28: SLU07 [Combination 7]	0.0000	0.0000	361.0202	-512.7816	-561.5616	0.0000
Beam 16: End 1: 29: SLU08 [Combination 8]	0.0000	0.0000	287.1780	-169.3556	-265.6350	0.0000
Beam 16: End 1: 30: SLU09 [Combination 9]	0.0000	0.0000	301.5788	-364.5608	-604.5653	0.0000
Beam 16: End 1: 31: SLU10 [Combination 10]	0.0000	0.0000	149.6920	-374.7707	-685.9373	0.0000
Beam 16: End 1: 32: SLU11 [Combination 11]	0.0000	0.0000	257.7801	-484.3204	-648.7121	0.0000
Beam 16: End 1: 33: SLU12 [Combination 12]	0.0000	0.0000	218.9759	-304.6573	-616.2285	0.0000
Beam 16: End 1: 34: SLU13 [Combination 13]	0.0000	0.0000	284.7194	-431.9245	-517.2655	0.0000
Beam 16: End 1: 35: SLU14 [Combination 14]	0.0000	0.0000	231.3181	-513.8528	-549.2774	0.0000
Beam 16: End 1: 36: SLU15 [Combination 15]	0.0000	0.0000	208.2301	-402.9912	-530.7813	0.0000
Beam 16: End 1: 37: SLU16 [Combination 16]	0.0000	0.0000	331.7133	-429.2570	-514.9158	0.0000
Beam 16: End 1: 38: SLU17 [Combination 17]	0.0000	0.0000	322.2369	-412.1134	-526.7400	0.0000
Beam 16: End 1: 39: SLU18 [Combination 18]	0.0000	0.0000	276.2585	-221.1075	-378.5843	0.0000
Beam 16: End 1: 40: SLU19 [Combination 19]	0.0000	0.0000	343.3545	-483.1560	-524.6609	0.0000
Beam 16: End 1: 41: SLU20 [Combination 20]	0.0000	0.0000	271.2372	-164.0286	-268.2462	0.0000
Beam 16: End 1: 42: SLU21 [Combination 21]	0.0000	0.0000	285.6458	-338.3491	-565.7490	0.0000
Beam 16: End 1: 43: SLU22 [Combination 22]	0.0000	0.0000	154.2216	-362.2949	-639.0734	0.0000
Beam 16: End 1: 44: SLU23 [Combination 23]	0.0000	0.0000	245.0352	-459.1741	-609.3735	0.0000
Beam 16: End 1: 45: SLU24 [Combination 24]	0.0000	0.0000	206.2310	-279.5110	-576.8899	0.0000
Beam 16: End 1: 46: SLU25 [Combination 25]	0.0000	0.0000	324.7837	-410.4207	-579.0098	0.0000
Beam 16: End 1: 47: SLU26 [Combination 26]	0.0000	0.0000	308.8506	-384.2090	-540.1935	0.0000
Beam 16: End 1: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	214.6649	-286.1331	-312.5354	0.0000
Beam 16: End 1: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	214.6670	-280.6567	-301.6723	0.0000
Beam 16: End 1: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	246.9721	-192.8261	-362.8660	0.0000

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Beam 16: End 1: 51: SLU_SISMA04 [Combination 30] 0.0000	0.0000	0.0000	246.9741	-187.3497	-352.0029
Beam 16: End 1: 52: SLU_SISMA05 [Combination 31] 0.0000	0.0000	0.0000	192.5558	-268.9310	-334.5524
Beam 16: End 1: 53: SLU_SISMA06 [Combination 32] 0.0000	0.0000	0.0000	192.5626	-250.6764	-298.3421
Beam 16: End 1: 54: SLU_SISMA07 [Combination 33] 0.0000	0.0000	0.0000	202.2480	-240.9389	-349.6516
Beam 16: End 1: 55: SLU_SISMA08 [Combination 34] 0.0000	0.0000	0.0000	202.2548	-222.6843	-313.4413
Beam 16: End 1: 56: SLU_SISMA09 [Combination 35] 0.0000	0.0000	0.0000	212.2283	-282.0468	-307.4457
Beam 16: End 1: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	212.2303	-276.5704	-296.5826
Beam 16: End 1: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	244.5354	-188.7398	-357.7763
Beam 16: End 1: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	244.5375	-183.2634	-346.9132
Beam 16: End 1: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	190.1192	-264.8447	-329.4626
Beam 16: End 1: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	190.1260	-246.5901	-293.2524
Beam 16: End 1: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	199.8113	-236.8526	-344.5618
Beam 16: End 1: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	199.8181	-218.5980	-308.3516
Beam 16: End 1: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	165.5847	-182.0997	-460.5026
Beam 16: End 1: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	202.7509	-214.0493	-389.2558
Beam 16: End 1: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	247.8388	-367.3796	-386.1534

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Beam 16: End 1: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	160.2448	-174.1609	-435.0304	
Beam 16: End 1: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	195.4992	-202.3436	-365.8974	
Beam 16: End 1: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	238.0922	-351.0345	-365.7944	
Beam 16: End 1: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	240.5670	-323.2086	-420.6145	
Beam 16: End 1: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	229.5787	-305.1315	-393.8446	
Beam 16: End 1: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	147.6112	-141.0661	-283.1609	
Beam 16: End 1: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	223.7955	-290.8789	-391.4606	
Beam 16: End 1: 74: SLE_FREQ02 [Combination 53] 0.0000	0.0000	0.0000	215.0049	-276.4172	-370.0447	
Beam 16: End 1: 75: SLU/SLV [Absolute Envelope 1] 0.0000	0.0000	0.0000	361.0202	538.1515	685.9373	
Beam 16: End 1: 76: SLU [Absolute Envelope 2] 0.0000	0.0000	0.0000	361.0202	538.1515	685.9373	
Beam 16: End 1: 77: SLV [Absolute Envelope 3] 0.0000	0.0000	0.0000	246.9741	286.1331	362.8660	
Beam 16: End 1: 78: SLE R [Absolute Envelope 4] 0.0000	0.0000	0.0000	247.8388	367.3796	460.5026	
Beam 16: End 1: 79: SLE F [Absolute Envelope 5] 0.0000	0.0000	0.0000	223.7955	290.8789	391.4606	
Beam 16: End 1: 80: SLE QP [Absolute Envelope 6] 0.0000	0.0000	0.0000	147.6112	141.0661	283.1609	
Beam 16: End 2: 1: PP	0.0000	0.0000	38.0766	-136.6654	-179.2185	0.0000
Beam 16: End 2: 2: PERM	0.0000	0.0000	2.3418	-31.9025	-59.2142	0.0000
Beam 16: End 2: 3: SPTSX	0.0000	0.0000	94.6203	80.3152	9.4298	0.0000
Beam 16: End 2: 4: SPTDX	0.0000	0.0000	-27.0753	29.4875	-33.7834	0.0000

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Beam 16: End 2: 5: SPTW	0.0000	0.0000	0.2719	9.6666	-2.7165	0.0000	
Beam 16: End 2: 6: ACC_LM71	0.0000	0.0000	-0.0311	-83.6240	-165.8343	0.0000	
Beam 16: End 2: 7: ACC_SW2	0.0000	0.0000	-0.0258	-69.2169	-137.2636	0.0000	
Beam 16: End 2: 8: SPACCSX_LM71	0.0000	0.0000	50.8834	19.9520	10.4664	0.0000	
Beam 16: End 2: 9: SPACCDX_LM71	0.0000	0.0000	-18.1165	20.6468	-21.7800	0.0000	
Beam 16: End 2: 10: SPACCSX_SW2	0.0000	0.0000	42.1217	16.5139	8.6656	0.0000	
Beam 16: End 2: 11: SPACCDX_SW2	0.0000	0.0000	-14.9980	17.0929	-18.0307	0.0000	
Beam 16: End 2: 12: AVV_LM71	0.0000	0.0000	32.9299	-41.1748	36.4083	0.0000	
Beam 16: End 2: 13: FREN_SW2	0.0000	0.0000	31.7350	-39.6807	35.0872	0.0000	
Beam 16: End 2: 14: SERP	0.0000	0.0000	0.1002	-0.1252	0.1107	0.0000	
Beam 16: End 2: 15: TERM	0.0000	0.0000	-12.9347	50.5747	10.8279	0.0000	
Beam 16: End 2: 16: RITIRO	0.0000	0.0000	9.6579	-37.7624	-8.0848	0.0000	
Beam 16: End 2: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Beam 16: End 2: 18: SISMA_H	0.0000	0.0000	61.0038	-49.9838	53.9200	0.0000	
Beam 16: End 2: 19: SISMA_V	0.0000	0.0000	-0.0034	-9.1297	-18.1051	0.0000	
Beam 16: End 2: 20: SPSSX	0.0000	0.0000	101.8016	47.3084	16.9371	0.0000	
Beam 16: End 2: 21: SPSDX	0.0000	0.0000	-33.4044	37.5870	-40.5723	0.0000	
Beam 16: End 2: 22: SLU01 [Combination 1]	0.0000	0.0000	244.2170	-264.9106	-530.3279	0.0000	
Beam 16: End 2: 23: SLU02 [Combination 2]	0.0000	0.0000	193.6668	-384.6733	-564.9510	0.0000	
Beam 16: End 2: 24: SLU03 [Combination 3]	0.0000	0.0000	170.5312	-290.4578	-546.4549	0.0000	
Beam 16: End 2: 25: SLU04 [Combination 4]	0.0000	0.0000	277.4292	-233.4170	-527.9782	0.0000	
Beam 16: End 2: 26: SLU05 [Combination 5]	0.0000	0.0000	267.9528	-223.0964	-539.8024	0.0000	
Beam 16: End 2: 27: SLU06 [Combination 6]	0.0000	0.0000	220.2496	-42.1382	-352.1348	0.0000	
Beam 16: End 2: 28: SLU07 [Combination 7]	0.0000	0.0000	289.0705	-278.9343	-537.7233	0.0000	
Beam 16: End 2: 29: SLU08 [Combination 8]	0.0000	0.0000	215.2283	11.3254	-247.9770	0.0000	
Beam 16: End 2: 30: SLU09 [Combination 9]	0.0000	0.0000	229.6291	-173.5113	-580.7270	0.0000	
Beam 16: End 2: 31: SLU10 [Combination 10]	0.0000	0.0000	110.2683	-281.3280	-662.0990	0.0000	
Beam 16: End 2: 32: SLU11 [Combination 11]	0.0000	0.0000	203.3228	-318.4664	-624.8738	0.0000	
Beam 16: End 2: 33: SLU12 [Combination 12]	0.0000	0.0000	164.5186	-166.7423	-592.3902	0.0000	
Beam 16: End 2: 34: SLU13 [Combination 13]	0.0000	0.0000	229.7877	-246.8392	-493.4272	0.0000	

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Beam 16: End 2: 35: SLU14 [Combination 14]	0.0000	0.0000	191.9420	-361.6165	-525.4391	0.0000
Beam 16: End 2: 36: SLU15 [Combination 15]	0.0000	0.0000	168.8064	-267.4011	-506.9430	0.0000
Beam 16: End 2: 37: SLU16 [Combination 16]	0.0000	0.0000	263.0000	-215.3456	-491.0775	0.0000
Beam 16: End 2: 38: SLU17 [Combination 17]	0.0000	0.0000	253.5236	-205.0250	-502.9017	0.0000
Beam 16: End 2: 39: SLU18 [Combination 18]	0.0000	0.0000	207.5452	-47.1235	-354.7460	0.0000
Beam 16: End 2: 40: SLU19 [Combination 19]	0.0000	0.0000	274.6412	-260.8628	-500.8226	0.0000
Beam 16: End 2: 41: SLU20 [Combination 20]	0.0000	0.0000	202.5239	6.3400	-250.5882	0.0000
Beam 16: End 2: 42: SLU21 [Combination 21]	0.0000	0.0000	216.9324	-157.6063	-541.9107	0.0000
Beam 16: End 2: 43: SLU22 [Combination 22]	0.0000	0.0000	114.7979	-265.5908	-615.2351	0.0000
Beam 16: End 2: 44: SLU23 [Combination 23]	0.0000	0.0000	193.1670	-301.5643	-585.5352	0.0000
Beam 16: End 2: 45: SLU24 [Combination 24]	0.0000	0.0000	154.3629	-149.8402	-553.0516	0.0000
Beam 16: End 2: 46: SLU25 [Combination 25]	0.0000	0.0000	252.8340	-202.6637	-555.1715	0.0000
Beam 16: End 2: 47: SLU26 [Combination 26]	0.0000	0.0000	240.1373	-186.7587	-516.3552	0.0000
Beam 16: End 2: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	168.7152	-148.2535	-294.8774	0.0000
Beam 16: End 2: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	168.7173	-142.7757	-284.0143	0.0000
Beam 16: End 2: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	181.9136	-38.5645	-345.2080	0.0000
Beam 16: End 2: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	181.9157	-33.0867	-334.3449	0.0000
Beam 16: End 2: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	149.3933	-145.9666	-316.8944	0.0000
Beam 16: End 2: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	149.4001	-127.7071	-280.6841	0.0000
Beam 16: End 2: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	153.3528	-113.0599	-331.9936	0.0000
Beam 16: End 2: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	153.3596	-94.8004	-295.7833	0.0000
Beam 16: End 2: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	166.7250	-145.7609	-289.7877	0.0000

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Beam 16: End 2: 57: SLU_SISMA10 [Combination 36]	0.0000	0.0000	166.7270	-140.2831	-278.9246
0.0000					
Beam 16: End 2: 58: SLU_SISMA11 [Combination 37]	0.0000	0.0000	179.9234	-36.0719	-340.1183
0.0000					
Beam 16: End 2: 59: SLU_SISMA12 [Combination 38]	0.0000	0.0000	179.9254	-30.5941	-329.2552
0.0000					
Beam 16: End 2: 60: SLU_SISMA13 [Combination 39]	0.0000	0.0000	147.4030	-143.4740	-311.8046
0.0000					
Beam 16: End 2: 61: SLU_SISMA14 [Combination 40]	0.0000	0.0000	147.4098	-125.2145	-275.5944
0.0000					
Beam 16: End 2: 62: SLU_SISMA15 [Combination 41]	0.0000	0.0000	151.3625	-110.5673	-326.9038
0.0000					
Beam 16: End 2: 63: SLU_SISMA16 [Combination 42]	0.0000	0.0000	151.3693	-92.3078	-290.6936
0.0000					
Beam 16: End 2: 64: SLE_RARA01 [Combination 43]	0.0000	0.0000	115.8407	-80.9238	-442.8446
0.0000					
Beam 16: End 2: 65: SLE_RARA02 [Combination 44]	0.0000	0.0000	153.0069	-86.1138	-371.5978
0.0000					
Beam 16: End 2: 66: SLE_RARA03 [Combination 45]	0.0000	0.0000	198.0947	-206.9809	-368.4954
0.0000					
Beam 16: End 2: 67: SLE_RARA04 [Combination 46]	0.0000	0.0000	112.2863	-76.1870	-417.3724
0.0000					
Beam 16: End 2: 68: SLE_RARA05 [Combination 47]	0.0000	0.0000	147.5407	-78.9865	-348.2394
0.0000					
Beam 16: End 2: 69: SLE_RARA06 [Combination 48]	0.0000	0.0000	190.1337	-197.0104	-348.1364
0.0000					
Beam 16: End 2: 70: SLE_RARA07 [Combination 49]	0.0000	0.0000	188.2310	-168.9786	-402.9565
0.0000					
Beam 16: End 2: 71: SLE_RARA08 [Combination 50]	0.0000	0.0000	179.4746	-158.0096	-376.1866
0.0000					
Beam 16: End 2: 72: SLE_QPERM01 [Combination 51]	0.0000	0.0000	108.2351	-49.0987	-265.5029
0.0000					

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
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Beam 16: End 2: 73: SLE_FREQ01 [Combination 52]	0.0000	0.0000	174.0515	-147.7912	-373.8026		
0.0000							
Beam 16: End 2: 74: SLE_FREQ02 [Combination 53]	0.0000	0.0000	167.0464	-139.0160	-352.3867		
0.0000							
Beam 16: End 2: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	289.0705	384.6733	662.0990		
0.0000							
Beam 16: End 2: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	289.0705	384.6733	662.0990		
0.0000							
Beam 16: End 2: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	181.9157	148.2535	345.2080		
0.0000							
Beam 16: End 2: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	198.0947	206.9809	442.8446		
0.0000							
Beam 16: End 2: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	174.0515	147.7912	373.8026		
0.0000							
Beam 16: End 2: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	108.2351	49.0987	265.5029		
0.0000							
Beam 17: End 1: 1: PP	0.0000	0.0000	38.0766	-136.6654	-179.2185	0.0000	
Beam 17: End 1: 2: PERM	0.0000	0.0000	2.3418	-31.9025	-59.2142	0.0000	
Beam 17: End 1: 3: SPTSX	0.0000	0.0000	94.6203	80.3152	9.4298	0.0000	
Beam 17: End 1: 4: SPTDX	0.0000	0.0000	-27.0753	29.4875	-33.7834	0.0000	
Beam 17: End 1: 5: SPTW	0.0000	0.0000	0.2719	9.6666	-2.7165	0.0000	
Beam 17: End 1: 6: ACC_LM71	0.0000	0.0000	-0.0311	-83.6240	-165.8343	0.0000	
Beam 17: End 1: 7: ACC_SW2	0.0000	0.0000	-0.0258	-69.2169	-137.2636	0.0000	
Beam 17: End 1: 8: SPACCSX_LM71	0.0000	0.0000	50.8834	19.9520	10.4664	0.0000	
Beam 17: End 1: 9: SPACCDX_LM71	0.0000	0.0000	-18.1165	20.6468	-21.7800	0.0000	
Beam 17: End 1: 10: SPACCSX_SW2	0.0000	0.0000	42.1217	16.5139	8.6656	0.0000	
Beam 17: End 1: 11: SPACCDX_SW2	0.0000	0.0000	-14.9980	17.0929	-18.0307	0.0000	
Beam 17: End 1: 12: AVV_LM71	0.0000	0.0000	32.9299	-41.1748	36.4083	0.0000	
Beam 17: End 1: 13: FREN_SW2	0.0000	0.0000	31.7350	-39.6807	35.0872	0.0000	
Beam 17: End 1: 14: SERP	0.0000	0.0000	0.1002	-0.1252	0.1107	0.0000	
Beam 17: End 1: 15: TERM	0.0000	0.0000	-12.9347	50.5747	10.8279	0.0000	

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	<p>Progetto</p> <p>IN17</p>	<p>Lotto</p> <p>12</p>	<p>Codifica</p> <p>EI2CLSL1000001</p>	<p>A</p>

Beam 17: End 1: 16: RITIRO	0.0000	0.0000	9.6579	-37.7624	-8.0848	0.0000	
Beam 17: End 1: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Beam 17: End 1: 18: SISMA_H	0.0000	0.0000	61.0038	-49.9838	53.9200	0.0000	
Beam 17: End 1: 19: SISMA_V	0.0000	0.0000	-0.0034	-9.1297	-18.1051	0.0000	
Beam 17: End 1: 20: SPSSX	0.0000	0.0000	101.8016	47.3084	16.9371	0.0000	
Beam 17: End 1: 21: SPSDX	0.0000	0.0000	-33.4044	37.5870	-40.5723	0.0000	
Beam 17: End 1: 22: SLU01 [Combination 1]	0.0000	0.0000	244.2170	-264.9106	-530.3279	0.0000	
Beam 17: End 1: 23: SLU02 [Combination 2]	0.0000	0.0000	193.6668	-384.6733	-564.9510	0.0000	
Beam 17: End 1: 24: SLU03 [Combination 3]	0.0000	0.0000	170.5312	-290.4578	-546.4549	0.0000	
Beam 17: End 1: 25: SLU04 [Combination 4]	0.0000	0.0000	277.4292	-233.4170	-527.9782	0.0000	
Beam 17: End 1: 26: SLU05 [Combination 5]	0.0000	0.0000	267.9528	-223.0964	-539.8024	0.0000	
Beam 17: End 1: 27: SLU06 [Combination 6]	0.0000	0.0000	220.2496	-42.1382	-352.1348	0.0000	
Beam 17: End 1: 28: SLU07 [Combination 7]	0.0000	0.0000	289.0705	-278.9343	-537.7233	0.0000	
Beam 17: End 1: 29: SLU08 [Combination 8]	0.0000	0.0000	215.2283	11.3254	-247.9770	0.0000	
Beam 17: End 1: 30: SLU09 [Combination 9]	0.0000	0.0000	229.6291	-173.5113	-580.7270	0.0000	
Beam 17: End 1: 31: SLU10 [Combination 10]	0.0000	0.0000	110.2683	-281.3280	-662.0990	0.0000	
Beam 17: End 1: 32: SLU11 [Combination 11]	0.0000	0.0000	203.3228	-318.4664	-624.8738	0.0000	
Beam 17: End 1: 33: SLU12 [Combination 12]	0.0000	0.0000	164.5186	-166.7423	-592.3902	0.0000	
Beam 17: End 1: 34: SLU13 [Combination 13]	0.0000	0.0000	229.7877	-246.8392	-493.4272	0.0000	
Beam 17: End 1: 35: SLU14 [Combination 14]	0.0000	0.0000	191.9420	-361.6165	-525.4391	0.0000	
Beam 17: End 1: 36: SLU15 [Combination 15]	0.0000	0.0000	168.8064	-267.4011	-506.9430	0.0000	
Beam 17: End 1: 37: SLU16 [Combination 16]	0.0000	0.0000	263.0000	-215.3456	-491.0775	0.0000	
Beam 17: End 1: 38: SLU17 [Combination 17]	0.0000	0.0000	253.5236	-205.0250	-502.9017	0.0000	
Beam 17: End 1: 39: SLU18 [Combination 18]	0.0000	0.0000	207.5452	-47.1235	-354.7460	0.0000	
Beam 17: End 1: 40: SLU19 [Combination 19]	0.0000	0.0000	274.6412	-260.8628	-500.8226	0.0000	
Beam 17: End 1: 41: SLU20 [Combination 20]	0.0000	0.0000	202.5239	6.3400	-250.5882	0.0000	
Beam 17: End 1: 42: SLU21 [Combination 21]	0.0000	0.0000	216.9324	-157.6063	-541.9107	0.0000	
Beam 17: End 1: 43: SLU22 [Combination 22]	0.0000	0.0000	114.7979	-265.5908	-615.2351	0.0000	
Beam 17: End 1: 44: SLU23 [Combination 23]	0.0000	0.0000	193.1670	-301.5643	-585.5352	0.0000	
Beam 17: End 1: 45: SLU24 [Combination 24]	0.0000	0.0000	154.3629	-149.8402	-553.0516	0.0000	

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Beam 17: End 1: 46: SLU25 [Combination 25]	0.0000	0.0000	252.8340	-202.6637	-555.1715	0.0000
Beam 17: End 1: 47: SLU26 [Combination 26]	0.0000	0.0000	240.1373	-186.7587	-516.3552	0.0000
Beam 17: End 1: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	168.7152	-148.2535	-294.8774	0.0000
Beam 17: End 1: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	168.7173	-142.7757	-284.0143	0.0000
Beam 17: End 1: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	181.9136	-38.5645	-345.2080	0.0000
Beam 17: End 1: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	181.9157	-33.0867	-334.3449	0.0000
Beam 17: End 1: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	149.3933	-145.9666	-316.8944	0.0000
Beam 17: End 1: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	149.4001	-127.7071	-280.6841	0.0000
Beam 17: End 1: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	153.3528	-113.0599	-331.9936	0.0000
Beam 17: End 1: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	153.3596	-94.8004	-295.7833	0.0000
Beam 17: End 1: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	166.7250	-145.7609	-289.7877	0.0000
Beam 17: End 1: 57: SLU_SISMA10 [Combination 36]	0.0000	0.0000	166.7270	-140.2831	-278.9246	0.0000
Beam 17: End 1: 58: SLU_SISMA11 [Combination 37]	0.0000	0.0000	179.9234	-36.0719	-340.1183	0.0000
Beam 17: End 1: 59: SLU_SISMA12 [Combination 38]	0.0000	0.0000	179.9254	-30.5941	-329.2552	0.0000
Beam 17: End 1: 60: SLU_SISMA13 [Combination 39]	0.0000	0.0000	147.4030	-143.4740	-311.8046	0.0000
Beam 17: End 1: 61: SLU_SISMA14 [Combination 40]	0.0000	0.0000	147.4098	-125.2145	-275.5944	0.0000
Beam 17: End 1: 62: SLU_SISMA15 [Combination 41]	0.0000	0.0000	151.3625	-110.5673	-326.9038	0.0000

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Beam 17: End 1: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	151.3693	-92.3078	-290.6936
Beam 17: End 1: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	115.8407	-80.9238	-442.8446
Beam 17: End 1: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	153.0069	-86.1138	-371.5978
Beam 17: End 1: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	198.0947	-206.9809	-368.4954
Beam 17: End 1: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	112.2863	-76.1870	-417.3724
Beam 17: End 1: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	147.5407	-78.9865	-348.2394
Beam 17: End 1: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	190.1337	-197.0104	-348.1364
Beam 17: End 1: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	188.2310	-168.9786	-402.9565
Beam 17: End 1: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	179.4746	-158.0096	-376.1866
Beam 17: End 1: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	108.2351	-49.0987	-265.5029
Beam 17: End 1: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	174.0515	-147.7912	-373.8026
Beam 17: End 1: 74: SLE_FREQ02 [Combination 53] 0.0000	0.0000	0.0000	167.0464	-139.0160	-352.3867
Beam 17: End 1: 75: SLU/SLV [Absolute Envelope 1] 0.0000	0.0000	0.0000	289.0705	384.6733	662.0990
Beam 17: End 1: 76: SLU [Absolute Envelope 2] 0.0000	0.0000	0.0000	289.0705	384.6733	662.0990
Beam 17: End 1: 77: SLV [Absolute Envelope 3] 0.0000	0.0000	0.0000	181.9157	148.2535	345.2080
Beam 17: End 1: 78: SLE R [Absolute Envelope 4] 0.0000	0.0000	0.0000	198.0947	206.9809	442.8446

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		Progetto	Lotto	Codifica	
		IN17	12	EI2CLSL1000001	A



Beam 17: End 1: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	174.0515	147.7912	373.8026	
0.0000						
Beam 17: End 1: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	108.2351	49.0987	265.5029	
0.0000						
Beam 17: End 2: 1: PP	0.0000	0.0000	38.0766	-108.8696	-161.3153	0.0000
Beam 17: End 2: 2: PERM	0.0000	0.0000	2.3418	-30.1930	-59.2142	0.0000
Beam 17: End 2: 3: SPTSX	0.0000	0.0000	57.8648	135.7280	9.4298	0.0000
Beam 17: End 2: 4: SPTDX	0.0000	0.0000	-27.0753	9.7225	-33.7834	0.0000
Beam 17: End 2: 5: SPTW	0.0000	0.0000	-2.8598	8.3409	-2.7165	0.0000
Beam 17: End 2: 6: ACC_LM71	0.0000	0.0000	-0.0311	-83.6467	-165.8343	0.0000
Beam 17: End 2: 7: ACC_SW2	0.0000	0.0000	-0.0258	-69.2357	-137.2636	0.0000
Beam 17: End 2: 8: SPACCSX_LM71	0.0000	0.0000	37.7434	52.3008	10.4664	0.0000
Beam 17: End 2: 9: SPACCDX_LM71	0.0000	0.0000	-18.1165	7.4218	-21.7800	0.0000
Beam 17: End 2: 10: SPACCSX_SW2	0.0000	0.0000	31.2447	43.2926	8.6656	0.0000
Beam 17: End 2: 11: SPACCDX_SW2	0.0000	0.0000	-14.9980	6.1444	-18.0307	0.0000
Beam 17: End 2: 12: AVV_LM71	0.0000	0.0000	32.9299	-17.1360	36.4083	0.0000
Beam 17: End 2: 13: FREN_SW2	0.0000	0.0000	31.7350	-16.5142	35.0872	0.0000
Beam 17: End 2: 14: SERP	0.0000	0.0000	0.1002	-0.0521	0.1107	0.0000
Beam 17: End 2: 15: TERM	0.0000	0.0000	-12.9347	41.1324	10.8279	0.0000
Beam 17: End 2: 16: RITIRO	0.0000	0.0000	9.6579	-30.7122	-8.0848	0.0000
Beam 17: End 2: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Beam 17: End 2: 18: SISMA_H	0.0000	0.0000	56.9669	-6.9245	53.9200	0.0000
Beam 17: End 2: 19: SISMA_V	0.0000	0.0000	-0.0034	-9.1322	-18.1051	0.0000
Beam 17: End 2: 20: SPSSX	0.0000	0.0000	74.3536	111.6051	16.9371	0.0000
Beam 17: End 2: 21: SPSDX	0.0000	0.0000	-33.4044	13.2018	-40.5723	0.0000
Beam 17: End 2: 22: SLU01 [Combination 1]	0.0000	0.0000	185.2768	-108.7707	-506.1585	0.0000
Beam 17: End 2: 23: SLU02 [Combination 2]	0.0000	0.0000	153.7796	-258.4806	-540.7816	0.0000
Beam 17: End 2: 24: SLU03 [Combination 3]	0.0000	0.0000	129.5479	-181.6876	-522.2855	0.0000
Beam 17: End 2: 25: SLU04 [Combination 4]	0.0000	0.0000	204.5285	-58.3466	-503.8089	0.0000
Beam 17: End 2: 26: SLU05 [Combination 5]	0.0000	0.0000	195.0521	-54.9437	-515.6331	0.0000
Beam 17: End 2: 27: SLU06 [Combination 6]	0.0000	0.0000	147.3489	91.1912	-327.9654	0.0000

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Beam 17: End 2: 28: SLU07 [Combination 7]	0.0000	0.0000	216.1697	-95.3657	-513.5539	0.0000
Beam 17: End 2: 29: SLU08 [Combination 8]	0.0000	0.0000	142.3276	140.9892	-230.0738	0.0000
Beam 17: End 2: 30: SLU09 [Combination 9]	0.0000	0.0000	156.7284	-33.3349	-556.5576	0.0000
Beam 17: End 2: 31: SLU10 [Combination 10]	0.0000	0.0000	69.2850	-216.5497	-637.9297	0.0000
Beam 17: End 2: 32: SLU11 [Combination 11]	0.0000	0.0000	147.0971	-191.3217	-600.7044	0.0000
Beam 17: End 2: 33: SLU12 [Combination 12]	0.0000	0.0000	108.2929	-67.9247	-568.2208	0.0000
Beam 17: End 2: 34: SLU13 [Combination 13]	0.0000	0.0000	174.1289	-100.0349	-469.2578	0.0000
Beam 17: End 2: 35: SLU14 [Combination 14]	0.0000	0.0000	152.0548	-236.6830	-501.2697	0.0000
Beam 17: End 2: 36: SLU15 [Combination 15]	0.0000	0.0000	127.8231	-159.8899	-482.7736	0.0000
Beam 17: End 2: 37: SLU16 [Combination 16]	0.0000	0.0000	193.3806	-49.6108	-466.9081	0.0000
Beam 17: End 2: 38: SLU17 [Combination 17]	0.0000	0.0000	183.9042	-46.2080	-478.7323	0.0000
Beam 17: End 2: 39: SLU18 [Combination 18]	0.0000	0.0000	137.9258	78.1293	-330.5766	0.0000
Beam 17: End 2: 40: SLU19 [Combination 19]	0.0000	0.0000	205.0218	-86.6300	-476.6532	0.0000
Beam 17: End 2: 41: SLU20 [Combination 20]	0.0000	0.0000	132.9045	127.9273	-232.6850	0.0000
Beam 17: End 2: 42: SLU21 [Combination 21]	0.0000	0.0000	147.3131	-25.5008	-517.7413	0.0000
Beam 17: End 2: 43: SLU22 [Combination 22]	0.0000	0.0000	73.8146	-197.5059	-591.0657	0.0000
Beam 17: End 2: 44: SLU23 [Combination 23]	0.0000	0.0000	139.5664	-180.8752	-561.3658	0.0000
Beam 17: End 2: 45: SLU24 [Combination 24]	0.0000	0.0000	100.7622	-57.4781	-528.8822	0.0000
Beam 17: End 2: 46: SLU25 [Combination 25]	0.0000	0.0000	179.9332	-45.5478	-531.0021	0.0000
Beam 17: End 2: 47: SLU26 [Combination 26]	0.0000	0.0000	170.5179	-37.7136	-492.1858	0.0000
Beam 17: End 2: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	122.1631	-42.7082	-276.9742	0.0000
Beam 17: End 2: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	122.1652	-37.2289	-266.1111	0.0000
Beam 17: End 2: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	115.9873	69.5440	-327.3048	0.0000
Beam 17: End 2: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	115.9894	75.0234	-316.4417	0.0000
Beam 17: End 2: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	105.6670	-53.4949	-298.9912	0.0000

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Beam 17: End 2: 53: SLU_SISMA06 [Combination 32] 0.0000	0.0000	0.0000	105.6738	-35.2304	-262.7809
Beam 17: End 2: 54: SLU_SISMA07 [Combination 33] 0.0000	0.0000	0.0000	103.8143	-19.8192	-314.0903
Beam 17: End 2: 55: SLU_SISMA08 [Combination 34] 0.0000	0.0000	0.0000	103.8211	-1.5548	-277.8801
Beam 17: End 2: 56: SLU_SISMA09 [Combination 35] 0.0000	0.0000	0.0000	120.6255	-41.5033	-271.8844
Beam 17: End 2: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	120.6275	-36.0239	-261.0213
Beam 17: End 2: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	114.4497	70.7490	-322.2150
Beam 17: End 2: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	114.4517	76.2283	-311.3519
Beam 17: End 2: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	104.1294	-52.2899	-293.9014
Beam 17: End 2: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	104.1362	-34.0255	-257.6911
Beam 17: End 2: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	102.2766	-18.6143	-309.0006
Beam 17: End 2: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	102.2834	-0.3498	-272.7903
Beam 17: End 2: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	65.4415	-15.3811	-424.9414
Beam 17: End 2: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	102.6077	6.5602	-353.6946
Beam 17: End 2: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	147.6955	-81.3927	-350.5922
Beam 17: End 2: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	63.6975	-12.5782	-399.4692
Beam 17: End 2: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	98.9519	10.3580	-330.3362

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
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Beam 17: End 2: 69: SLE_RARA06 [Combination 48]	0.0000	0.0000	141.5449	-76.5730	-330.2332	
0.0000						
Beam 17: End 2: 70: SLE_RARA07 [Combination 49]	0.0000	0.0000	135.2038	-51.5502	-385.0533	
0.0000						
Beam 17: End 2: 71: SLE_RARA08 [Combination 50]	0.0000	0.0000	128.7104	-46.1473	-358.2834	
0.0000						
Beam 17: End 2: 72: SLE_QPERM01 [Combination 51]	0.0000	0.0000	68.3479	14.7289	-247.5997	
0.0000						
Beam 17: End 2: 73: SLE_FREQ01 [Combination 52]	0.0000	0.0000	123.6523	-39.7546	-355.8993	
0.0000						
Beam 17: End 2: 74: SLE_FREQ02 [Combination 53]	0.0000	0.0000	118.4576	-35.4323	-334.4834	
0.0000						
Beam 17: End 2: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	216.1697	258.4806	637.9297	
0.0000						
Beam 17: End 2: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	216.1697	258.4806	637.9297	
0.0000						
Beam 17: End 2: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	122.1652	76.2283	327.3048	
0.0000						
Beam 17: End 2: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	147.6955	81.3927	424.9414	
0.0000						
Beam 17: End 2: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	123.6523	39.7546	355.8993	
0.0000						
Beam 17: End 2: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	68.3479	14.7289	247.5997	
0.0000						
Beam 18: End 1: 1: PP	0.0000	0.0000	38.0766	-108.8696	-161.3153	0.0000
Beam 18: End 1: 2: PERM	0.0000	0.0000	2.3418	-30.1930	-59.2142	0.0000
Beam 18: End 1: 3: SPTSX	0.0000	0.0000	57.8648	135.7280	9.4298	0.0000
Beam 18: End 1: 4: SPTDX	0.0000	0.0000	-27.0753	9.7225	-33.7834	0.0000
Beam 18: End 1: 5: SPTW	0.0000	0.0000	-2.8598	8.3409	-2.7165	0.0000
Beam 18: End 1: 6: ACC_LM71	0.0000	0.0000	-0.0311	-83.6467	-165.8343	0.0000
Beam 18: End 1: 7: ACC_SW2	0.0000	0.0000	-0.0258	-69.2357	-137.2636	0.0000
Beam 18: End 1: 8: SPACCSX_LM71	0.0000	0.0000	37.7434	52.3008	10.4664	0.0000

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Beam 18: End 1: 9: SPACCDX_LM71	0.0000	0.0000	-18.1165	7.4218	-21.7800	0.0000
Beam 18: End 1: 10: SPACCSX_SW2	0.0000	0.0000	31.2447	43.2926	8.6656	0.0000
Beam 18: End 1: 11: SPACCDX_SW2	0.0000	0.0000	-14.9980	6.1444	-18.0307	0.0000
Beam 18: End 1: 12: AVV_LM71	0.0000	0.0000	32.9299	-17.1360	36.4083	0.0000
Beam 18: End 1: 13: FREN_SW2	0.0000	0.0000	31.7350	-16.5142	35.0872	0.0000
Beam 18: End 1: 14: SERP	0.0000	0.0000	0.1002	-0.0521	0.1107	0.0000
Beam 18: End 1: 15: TERM	0.0000	0.0000	-12.9347	41.1324	10.8279	0.0000
Beam 18: End 1: 16: RITIRO	0.0000	0.0000	9.6579	-30.7122	-8.0848	0.0000
Beam 18: End 1: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Beam 18: End 1: 18: SISMA_H	0.0000	0.0000	56.9669	-6.9245	53.9200	0.0000
Beam 18: End 1: 19: SISMA_V	0.0000	0.0000	-0.0034	-9.1322	-18.1051	0.0000
Beam 18: End 1: 20: SPSSX	0.0000	0.0000	74.3536	111.6051	16.9371	0.0000
Beam 18: End 1: 21: SPSDX	0.0000	0.0000	-33.4044	13.2018	-40.5723	0.0000
Beam 18: End 1: 22: SLU01 [Combination 1]	0.0000	0.0000	185.2768	-108.7707	-506.1585	0.0000
Beam 18: End 1: 23: SLU02 [Combination 2]	0.0000	0.0000	153.7796	-258.4806	-540.7816	0.0000
Beam 18: End 1: 24: SLU03 [Combination 3]	0.0000	0.0000	129.5479	-181.6876	-522.2855	0.0000
Beam 18: End 1: 25: SLU04 [Combination 4]	0.0000	0.0000	204.5285	-58.3466	-503.8089	0.0000
Beam 18: End 1: 26: SLU05 [Combination 5]	0.0000	0.0000	195.0521	-54.9437	-515.6331	0.0000
Beam 18: End 1: 27: SLU06 [Combination 6]	0.0000	0.0000	147.3489	91.1912	-327.9654	0.0000
Beam 18: End 1: 28: SLU07 [Combination 7]	0.0000	0.0000	216.1697	-95.3657	-513.5539	0.0000
Beam 18: End 1: 29: SLU08 [Combination 8]	0.0000	0.0000	142.3276	140.9892	-230.0738	0.0000
Beam 18: End 1: 30: SLU09 [Combination 9]	0.0000	0.0000	156.7284	-33.3349	-556.5576	0.0000
Beam 18: End 1: 31: SLU10 [Combination 10]	0.0000	0.0000	69.2850	-216.5497	-637.9297	0.0000
Beam 18: End 1: 32: SLU11 [Combination 11]	0.0000	0.0000	147.0971	-191.3217	-600.7044	0.0000
Beam 18: End 1: 33: SLU12 [Combination 12]	0.0000	0.0000	108.2929	-67.9247	-568.2208	0.0000
Beam 18: End 1: 34: SLU13 [Combination 13]	0.0000	0.0000	174.1289	-100.0349	-469.2578	0.0000
Beam 18: End 1: 35: SLU14 [Combination 14]	0.0000	0.0000	152.0548	-236.6830	-501.2697	0.0000
Beam 18: End 1: 36: SLU15 [Combination 15]	0.0000	0.0000	127.8231	-159.8899	-482.7736	0.0000
Beam 18: End 1: 37: SLU16 [Combination 16]	0.0000	0.0000	193.3806	-49.6108	-466.9081	0.0000
Beam 18: End 1: 38: SLU17 [Combination 17]	0.0000	0.0000	183.9042	-46.2080	-478.7323	0.0000

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
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Beam 18: End 1: 39: SLU18 [Combination 18]	0.0000	0.0000	137.9258	78.1293	-330.5766	0.0000
Beam 18: End 1: 40: SLU19 [Combination 19]	0.0000	0.0000	205.0218	-86.6300	-476.6532	0.0000
Beam 18: End 1: 41: SLU20 [Combination 20]	0.0000	0.0000	132.9045	127.9273	-232.6850	0.0000
Beam 18: End 1: 42: SLU21 [Combination 21]	0.0000	0.0000	147.3131	-25.5008	-517.7413	0.0000
Beam 18: End 1: 43: SLU22 [Combination 22]	0.0000	0.0000	73.8146	-197.5059	-591.0657	0.0000
Beam 18: End 1: 44: SLU23 [Combination 23]	0.0000	0.0000	139.5664	-180.8752	-561.3658	0.0000
Beam 18: End 1: 45: SLU24 [Combination 24]	0.0000	0.0000	100.7622	-57.4781	-528.8822	0.0000
Beam 18: End 1: 46: SLU25 [Combination 25]	0.0000	0.0000	179.9332	-45.5478	-531.0021	0.0000
Beam 18: End 1: 47: SLU26 [Combination 26]	0.0000	0.0000	170.5179	-37.7136	-492.1858	0.0000
Beam 18: End 1: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	122.1631	-42.7082	-276.9742	0.0000
Beam 18: End 1: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	122.1652	-37.2289	-266.1111	0.0000
Beam 18: End 1: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	115.9873	69.5440	-327.3048	0.0000
Beam 18: End 1: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	115.9894	75.0234	-316.4417	0.0000
Beam 18: End 1: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	105.6670	-53.4949	-298.9912	0.0000
Beam 18: End 1: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	105.6738	-35.2304	-262.7809	0.0000
Beam 18: End 1: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	103.8143	-19.8192	-314.0903	0.0000
Beam 18: End 1: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	103.8211	-1.5548	-277.8801	0.0000
Beam 18: End 1: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	120.6255	-41.5033	-271.8844	0.0000
Beam 18: End 1: 57: SLU_SISMA10 [Combination 36]	0.0000	0.0000	120.6275	-36.0239	-261.0213	0.0000
Beam 18: End 1: 58: SLU_SISMA11 [Combination 37]	0.0000	0.0000	114.4497	70.7490	-322.2150	0.0000

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Beam 18: End 1: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	114.4517	76.2283	-311.3519
Beam 18: End 1: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	104.1294	-52.2899	-293.9014
Beam 18: End 1: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	104.1362	-34.0255	-257.6911
Beam 18: End 1: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	102.2766	-18.6143	-309.0006
Beam 18: End 1: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	102.2834	-0.3498	-272.7903
Beam 18: End 1: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	65.4415	-15.3811	-424.9414
Beam 18: End 1: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	102.6077	6.5602	-353.6946
Beam 18: End 1: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	147.6955	-81.3927	-350.5922
Beam 18: End 1: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	63.6975	-12.5782	-399.4692
Beam 18: End 1: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	98.9519	10.3580	-330.3362
Beam 18: End 1: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	141.5449	-76.5730	-330.2332
Beam 18: End 1: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	135.2038	-51.5502	-385.0533
Beam 18: End 1: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	128.7104	-46.1473	-358.2834
Beam 18: End 1: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	68.3479	14.7289	-247.5997
Beam 18: End 1: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	123.6523	-39.7546	-355.8993
Beam 18: End 1: 74: SLE_FREQ02 [Combination 53] 0.0000	0.0000	0.0000	118.4576	-35.4323	-334.4834

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
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Beam 18: End 1: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	216.1697	258.4806	637.9297		
0.0000							
Beam 18: End 1: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	216.1697	258.4806	637.9297		
0.0000							
Beam 18: End 1: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	122.1652	76.2283	327.3048		
0.0000							
Beam 18: End 1: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	147.6955	81.3927	424.9414		
0.0000							
Beam 18: End 1: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	123.6523	39.7546	355.8993		
0.0000							
Beam 18: End 1: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	68.3479	14.7289	247.5997		
0.0000							
Beam 18: End 2: 1: PP	0.0000	0.0000	38.0766	-81.4544	-143.6573	0.0000	
Beam 18: End 2: 2: PERM	0.0000	0.0000	2.3418	-28.5069	-59.2142	0.0000	
Beam 18: End 2: 3: SPTSX	0.0000	0.0000	25.6088	165.5365	9.4298	0.0000	
Beam 18: End 2: 4: SPTDX	0.0000	0.0000	-27.0753	-9.7718	-33.7834	0.0000	
Beam 18: End 2: 5: SPTW	0.0000	0.0000	-3.7490	5.8551	-2.7165	0.0000	
Beam 18: End 2: 6: ACC_LM71	0.0000	0.0000	-0.0311	-83.6692	-165.8343	0.0000	
Beam 18: End 2: 7: ACC_SW2	0.0000	0.0000	-0.0258	-69.2543	-137.2636	0.0000	
Beam 18: End 2: 8: SPACCSX_LM71	0.0000	0.0000	24.7834	74.8105	10.4664	0.0000	
Beam 18: End 2: 9: SPACCDX_LM71	0.0000	0.0000	-18.1165	-5.6221	-21.7800	0.0000	
Beam 18: End 2: 10: SPACCSX_SW2	0.0000	0.0000	20.5167	61.9268	8.6656	0.0000	
Beam 18: End 2: 11: SPACCDX_SW2	0.0000	0.0000	-14.9980	-4.6541	-18.0307	0.0000	
Beam 18: End 2: 12: AVV_LM71	0.0000	0.0000	32.9299	6.5736	36.4083	0.0000	
Beam 18: End 2: 13: FREN_SW2	0.0000	0.0000	31.7350	6.3351	35.0872	0.0000	
Beam 18: End 2: 14: SERP	0.0000	0.0000	0.1002	0.0200	0.1107	0.0000	
Beam 18: End 2: 15: TERM	0.0000	0.0000	-12.9347	31.8194	10.8279	0.0000	
Beam 18: End 2: 16: RITIRO	0.0000	0.0000	9.6579	-23.7585	-8.0848	0.0000	
Beam 18: End 2: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Beam 18: End 2: 18: SISMA_H	0.0000	0.0000	52.9853	32.6583	53.9200	0.0000	
Beam 18: End 2: 19: SISMA_V	0.0000	0.0000	-0.0034	-9.1347	-18.1051	0.0000	

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Beam 18: End 2: 20: SPSSX	0.0000	0.0000	47.2816	155.3937	16.9371	0.0000	
Beam 18: End 2: 21: SPSPDX	0.0000	0.0000	-33.4044	-10.8494	-40.5723	0.0000	
Beam 18: End 2: 22: SLU01 [Combination 1]	0.0000	0.0000	133.3396	5.5826	-482.3202	0.0000	
Beam 18: End 2: 23: SLU02 [Combination 2]	0.0000	0.0000	120.6344	-160.0402	-516.9433	0.0000	
Beam 18: End 2: 24: SLU03 [Combination 3]	0.0000	0.0000	96.0915	-100.8434	-498.4472	0.0000	
Beam 18: End 2: 25: SLU04 [Combination 4]	0.0000	0.0000	140.9905	65.5696	-479.9706	0.0000	
Beam 18: End 2: 26: SLU05 [Combination 5]	0.0000	0.0000	131.5141	62.1495	-491.7948	0.0000	
Beam 18: End 2: 27: SLU06 [Combination 6]	0.0000	0.0000	83.8109	173.9381	-304.1271	0.0000	
Beam 18: End 2: 28: SLU07 [Combination 7]	0.0000	0.0000	152.6317	36.9322	-489.7156	0.0000	
Beam 18: End 2: 29: SLU08 [Combination 8]	0.0000	0.0000	78.7896	220.1207	-212.4158	0.0000	
Beam 18: End 2: 30: SLU09 [Combination 9]	0.0000	0.0000	93.1904	56.1652	-532.7193	0.0000	
Beam 18: End 2: 31: SLU10 [Combination 10]	0.0000	0.0000	35.8286	-179.0947	-614.0914	0.0000	
Beam 18: End 2: 32: SLU11 [Combination 11]	0.0000	0.0000	98.6071	-103.2542	-576.8661	0.0000	
Beam 18: End 2: 33: SLU12 [Combination 12]	0.0000	0.0000	59.8029	-7.7961	-544.3825	0.0000	
Beam 18: End 2: 34: SLU13 [Combination 13]	0.0000	0.0000	125.4281	7.4569	-445.4195	0.0000	
Beam 18: End 2: 35: SLU14 [Combination 14]	0.0000	0.0000	118.9096	-139.4844	-477.4314	0.0000	
Beam 18: End 2: 36: SLU15 [Combination 15]	0.0000	0.0000	94.3667	-80.2876	-458.9353	0.0000	
Beam 18: End 2: 37: SLU16 [Combination 16]	0.0000	0.0000	133.0790	67.4440	-443.0698	0.0000	
Beam 18: End 2: 38: SLU17 [Combination 17]	0.0000	0.0000	123.6026	64.0239	-454.8940	0.0000	
Beam 18: End 2: 39: SLU18 [Combination 18]	0.0000	0.0000	77.6242	155.2567	-306.7383	0.0000	
Beam 18: End 2: 40: SLU19 [Combination 19]	0.0000	0.0000	144.7202	38.8065	-452.8149	0.0000	
Beam 18: End 2: 41: SLU20 [Combination 20]	0.0000	0.0000	72.6029	201.4393	-215.0270	0.0000	
Beam 18: End 2: 42: SLU21 [Combination 21]	0.0000	0.0000	87.0115	58.3854	-493.9030	0.0000	
Beam 18: End 2: 43: SLU22 [Combination 22]	0.0000	0.0000	40.3582	-156.7896	-567.2274	0.0000	
Beam 18: End 2: 44: SLU23 [Combination 23]	0.0000	0.0000	93.6655	-97.2977	-537.5275	0.0000	
Beam 18: End 2: 45: SLU24 [Combination 24]	0.0000	0.0000	54.8613	-1.8396	-505.0439	0.0000	
Beam 18: End 2: 46: SLU25 [Combination 25]	0.0000	0.0000	116.3952	60.6598	-507.1638	0.0000	
Beam 18: End 2: 47: SLU26 [Combination 26]	0.0000	0.0000	110.2163	62.8800	-468.3475	0.0000	
Beam 18: End 2: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	82.4443	30.6019	-259.3162	0.0000	

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Beam 18: End 2: 49: SLU_SISMA02 [Combination 28] 0.0000	0.0000	0.0000	82.4464	36.0827	-248.4531
Beam 18: End 2: 50: SLU_SISMA03 [Combination 29] 0.0000	0.0000	0.0000	57.1597	131.5283	-309.6468
Beam 18: End 2: 51: SLU_SISMA04 [Combination 30] 0.0000	0.0000	0.0000	57.1618	137.0091	-298.7837
Beam 18: End 2: 52: SLU_SISMA05 [Combination 31] 0.0000	0.0000	0.0000	68.7353	8.9413	-281.3332
Beam 18: End 2: 53: SLU_SISMA06 [Combination 32] 0.0000	0.0000	0.0000	68.7421	27.2107	-245.1229
Beam 18: End 2: 54: SLU_SISMA07 [Combination 33] 0.0000	0.0000	0.0000	61.1499	39.2193	-296.4323
Beam 18: End 2: 55: SLU_SISMA08 [Combination 34] 0.0000	0.0000	0.0000	61.1567	57.4886	-260.2221
Beam 18: End 2: 56: SLU_SISMA09 [Combination 35] 0.0000	0.0000	0.0000	81.3531	30.8604	-254.2264
Beam 18: End 2: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	81.3551	36.3412	-243.3633
Beam 18: End 2: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	56.0685	131.7869	-304.5570
Beam 18: End 2: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	56.0705	137.2677	-293.6939
Beam 18: End 2: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	67.6441	9.1999	-276.2434
Beam 18: End 2: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	67.6509	27.4692	-240.0331
Beam 18: End 2: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	60.0587	39.4778	-291.3426
Beam 18: End 2: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	60.0655	57.7471	-255.1323
Beam 18: End 2: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	21.9283	15.7234	-407.2834

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
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Beam 18: End 2: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	59.0945	64.4243	-336.0366
Beam 18: End 2: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	104.1823	8.9347	-332.9342
Beam 18: End 2: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	21.9699	17.9135	-381.8112
Beam 18: End 2: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	57.2243	66.2328	-312.6782
Beam 18: End 2: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	99.8173	9.9688	-312.5752
Beam 18: End 2: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	89.0986	28.8500	-367.3953
Beam 18: End 2: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	84.8372	30.3812	-340.6254
Beam 18: End 2: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	35.2027	51.6585	-229.9417
Beam 18: End 2: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	80.1391	33.2616	-338.2413
Beam 18: End 2: 74: SLE_FREQ02 [Combination 53] 0.0000	0.0000	0.0000	76.7300	34.4866	-316.8254
Beam 18: End 2: 75: SLU/SLV [Absolute Envelope 1] 0.0000	0.0000	0.0000	152.6317	220.1207	614.0914
Beam 18: End 2: 76: SLU [Absolute Envelope 2] 0.0000	0.0000	0.0000	152.6317	220.1207	614.0914
Beam 18: End 2: 77: SLV [Absolute Envelope 3] 0.0000	0.0000	0.0000	82.4464	137.2677	309.6468
Beam 18: End 2: 78: SLE R [Absolute Envelope 4] 0.0000	0.0000	0.0000	104.1823	66.2328	407.2834
Beam 18: End 2: 79: SLE F [Absolute Envelope 5] 0.0000	0.0000	0.0000	80.1391	34.4866	338.2413
Beam 18: End 2: 80: SLE QP [Absolute Envelope 6] 0.0000	0.0000	0.0000	35.2027	51.6585	229.9417
Beam 19: End 1: 1: PP	0.0000	0.0000	38.0766	-81.4544	-143.6573
				0.0000	

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Beam 19: End 1: 2: PERM	0.0000	0.0000	2.3418	-28.5069	-59.2142	0.0000	
Beam 19: End 1: 3: SPTSX	0.0000	0.0000	25.6088	165.5365	9.4298	0.0000	
Beam 19: End 1: 4: SPTDX	0.0000	0.0000	-27.0753	-9.7718	-33.7834	0.0000	
Beam 19: End 1: 5: SPTW	0.0000	0.0000	-3.7490	5.8551	-2.7165	0.0000	
Beam 19: End 1: 6: ACC_LM71	0.0000	0.0000	-0.0311	-83.6692	-165.8343	0.0000	
Beam 19: End 1: 7: ACC_SW2	0.0000	0.0000	-0.0258	-69.2543	-137.2636	0.0000	
Beam 19: End 1: 8: SPACCSX_LM71	0.0000	0.0000	24.7834	74.8105	10.4664	0.0000	
Beam 19: End 1: 9: SPACCDX_LM71	0.0000	0.0000	-18.1165	-5.6221	-21.7800	0.0000	
Beam 19: End 1: 10: SPACCSX_SW2	0.0000	0.0000	20.5167	61.9268	8.6656	0.0000	
Beam 19: End 1: 11: SPACCDX_SW2	0.0000	0.0000	-14.9980	-4.6541	-18.0307	0.0000	
Beam 19: End 1: 12: AVV_LM71	0.0000	0.0000	32.9299	6.5736	36.4083	0.0000	
Beam 19: End 1: 13: FREN_SW2	0.0000	0.0000	31.7350	6.3351	35.0872	0.0000	
Beam 19: End 1: 14: SERP	0.0000	0.0000	0.1002	0.0200	0.1107	0.0000	
Beam 19: End 1: 15: TERM	0.0000	0.0000	-12.9347	31.8194	10.8279	0.0000	
Beam 19: End 1: 16: RITIRO	0.0000	0.0000	9.6579	-23.7585	-8.0848	0.0000	
Beam 19: End 1: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Beam 19: End 1: 18: SISMA_H	0.0000	0.0000	52.9853	32.6583	53.9200	0.0000	
Beam 19: End 1: 19: SISMA_V	0.0000	0.0000	-0.0034	-9.1347	-18.1051	0.0000	
Beam 19: End 1: 20: SPSSX	0.0000	0.0000	47.2816	155.3937	16.9371	0.0000	
Beam 19: End 1: 21: SPSPDX	0.0000	0.0000	-33.4044	-10.8494	-40.5723	0.0000	
Beam 19: End 1: 22: SLU01 [Combination 1]	0.0000	0.0000	133.3396	5.5826	-482.3202	0.0000	
Beam 19: End 1: 23: SLU02 [Combination 2]	0.0000	0.0000	120.6344	-160.0402	-516.9433	0.0000	
Beam 19: End 1: 24: SLU03 [Combination 3]	0.0000	0.0000	96.0915	-100.8434	-498.4472	0.0000	
Beam 19: End 1: 25: SLU04 [Combination 4]	0.0000	0.0000	140.9905	65.5696	-479.9706	0.0000	
Beam 19: End 1: 26: SLU05 [Combination 5]	0.0000	0.0000	131.5141	62.1495	-491.7948	0.0000	
Beam 19: End 1: 27: SLU06 [Combination 6]	0.0000	0.0000	83.8109	173.9381	-304.1271	0.0000	
Beam 19: End 1: 28: SLU07 [Combination 7]	0.0000	0.0000	152.6317	36.9322	-489.7156	0.0000	
Beam 19: End 1: 29: SLU08 [Combination 8]	0.0000	0.0000	78.7896	220.1207	-212.4158	0.0000	
Beam 19: End 1: 30: SLU09 [Combination 9]	0.0000	0.0000	93.1904	56.1652	-532.7193	0.0000	
Beam 19: End 1: 31: SLU10 [Combination 10]	0.0000	0.0000	35.8286	-179.0947	-614.0914	0.0000	

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
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Beam 19: End 1: 32: SLU11 [Combination 11]	0.0000	0.0000	98.6071	-103.2542	-576.8661	0.0000
Beam 19: End 1: 33: SLU12 [Combination 12]	0.0000	0.0000	59.8029	-7.7961	-544.3825	0.0000
Beam 19: End 1: 34: SLU13 [Combination 13]	0.0000	0.0000	125.4281	7.4569	-445.4195	0.0000
Beam 19: End 1: 35: SLU14 [Combination 14]	0.0000	0.0000	118.9096	-139.4844	-477.4314	0.0000
Beam 19: End 1: 36: SLU15 [Combination 15]	0.0000	0.0000	94.3667	-80.2876	-458.9353	0.0000
Beam 19: End 1: 37: SLU16 [Combination 16]	0.0000	0.0000	133.0790	67.4440	-443.0698	0.0000
Beam 19: End 1: 38: SLU17 [Combination 17]	0.0000	0.0000	123.6026	64.0239	-454.8940	0.0000
Beam 19: End 1: 39: SLU18 [Combination 18]	0.0000	0.0000	77.6242	155.2567	-306.7383	0.0000
Beam 19: End 1: 40: SLU19 [Combination 19]	0.0000	0.0000	144.7202	38.8065	-452.8149	0.0000
Beam 19: End 1: 41: SLU20 [Combination 20]	0.0000	0.0000	72.6029	201.4393	-215.0270	0.0000
Beam 19: End 1: 42: SLU21 [Combination 21]	0.0000	0.0000	87.0115	58.3854	-493.9030	0.0000
Beam 19: End 1: 43: SLU22 [Combination 22]	0.0000	0.0000	40.3582	-156.7896	-567.2274	0.0000
Beam 19: End 1: 44: SLU23 [Combination 23]	0.0000	0.0000	93.6655	-97.2977	-537.5275	0.0000
Beam 19: End 1: 45: SLU24 [Combination 24]	0.0000	0.0000	54.8613	-1.8396	-505.0439	0.0000
Beam 19: End 1: 46: SLU25 [Combination 25]	0.0000	0.0000	116.3952	60.6598	-507.1638	0.0000
Beam 19: End 1: 47: SLU26 [Combination 26]	0.0000	0.0000	110.2163	62.8800	-468.3475	0.0000
Beam 19: End 1: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	82.4443	30.6019	-259.3162	0.0000
Beam 19: End 1: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	82.4464	36.0827	-248.4531	0.0000
Beam 19: End 1: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	57.1597	131.5283	-309.6468	0.0000
Beam 19: End 1: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	57.1618	137.0091	-298.7837	0.0000
Beam 19: End 1: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	68.7353	8.9413	-281.3332	0.0000
Beam 19: End 1: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	68.7421	27.2107	-245.1229	0.0000
Beam 19: End 1: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	61.1499	39.2193	-296.4323	0.0000

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
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Beam 19: End 1: 55: SLU_SISMA08 [Combination 34] 0.0000	0.0000	0.0000	61.1567	57.4886	-260.2221
Beam 19: End 1: 56: SLU_SISMA09 [Combination 35] 0.0000	0.0000	0.0000	81.3531	30.8604	-254.2264
Beam 19: End 1: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	81.3551	36.3412	-243.3633
Beam 19: End 1: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	56.0685	131.7869	-304.5570
Beam 19: End 1: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	56.0705	137.2677	-293.6939
Beam 19: End 1: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	67.6441	9.1999	-276.2434
Beam 19: End 1: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	67.6509	27.4692	-240.0331
Beam 19: End 1: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	60.0587	39.4778	-291.3426
Beam 19: End 1: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	60.0655	57.7471	-255.1323
Beam 19: End 1: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	21.9283	15.7234	-407.2834
Beam 19: End 1: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	59.0945	64.4243	-336.0366
Beam 19: End 1: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	104.1823	8.9347	-332.9342
Beam 19: End 1: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	21.9699	17.9135	-381.8112
Beam 19: End 1: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	57.2243	66.2328	-312.6782
Beam 19: End 1: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	99.8173	9.9688	-312.5752
Beam 19: End 1: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	89.0986	28.8500	-367.3953

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto IN17</p>	<p>Lotto 12</p>	<p>Codifica EI2CLSL1000001</p>	<p>A</p>

Beam 19: End 1: 71: SLE_RARA08 [Combination 50]	0.0000	0.0000	84.8372	30.3812	-340.6254	
0.0000						
Beam 19: End 1: 72: SLE_QPERM01 [Combination 51]	0.0000	0.0000	35.2027	51.6585	-229.9417	
0.0000						
Beam 19: End 1: 73: SLE_FREQ01 [Combination 52]	0.0000	0.0000	80.1391	33.2616	-338.2413	
0.0000						
Beam 19: End 1: 74: SLE_FREQ02 [Combination 53]	0.0000	0.0000	76.7300	34.4866	-316.8254	
0.0000						
Beam 19: End 1: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	152.6317	220.1207	614.0914	
0.0000						
Beam 19: End 1: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	152.6317	220.1207	614.0914	
0.0000						
Beam 19: End 1: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	82.4464	137.2677	309.6468	
0.0000						
Beam 19: End 1: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	104.1823	66.2328	407.2834	
0.0000						
Beam 19: End 1: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	80.1391	34.4866	338.2413	
0.0000						
Beam 19: End 1: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	35.2027	51.6585	229.9417	
0.0000						
Beam 19: End 2: 1: PP	0.0000	0.0000	38.0766	-54.0393	-125.9993	0.0000
Beam 19: End 2: 2: PERM	0.0000	0.0000	2.3418	-26.8208	-59.2142	0.0000
Beam 19: End 2: 3: SPTSX	0.0000	0.0000	-2.6512	173.5636	9.4298	0.0000
Beam 19: End 2: 4: SPTDX	0.0000	0.0000	-27.0753	-29.2660	-33.7834	0.0000
Beam 19: End 2: 5: SPTW	0.0000	0.0000	-3.7490	3.1558	-2.7165	0.0000
Beam 19: End 2: 6: ACC_LM71	0.0000	0.0000	-0.0311	-83.6916	-165.8343	0.0000
Beam 19: End 2: 7: ACC_SW2	0.0000	0.0000	-0.0258	-69.2728	-137.2636	0.0000
Beam 19: End 2: 8: SPACCSX_LM71	0.0000	0.0000	11.8234	87.9889	10.4664	0.0000
Beam 19: End 2: 9: SPACCDX_LM71	0.0000	0.0000	-18.1165	-18.6659	-21.7800	0.0000
Beam 19: End 2: 10: SPACCSX_SW2	0.0000	0.0000	9.7887	72.8367	8.6656	0.0000
Beam 19: End 2: 11: SPACCDX_SW2	0.0000	0.0000	-14.9980	-15.4527	-18.0307	0.0000
Beam 19: End 2: 12: AVV_LM71	0.0000	0.0000	32.9299	30.2831	36.4083	0.0000

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Beam 19: End 2: 13: FREN_SW2	0.0000	0.0000	31.7350	29.1843	35.0872	0.0000	
Beam 19: End 2: 14: SERP	0.0000	0.0000	0.1002	0.0921	0.1107	0.0000	
Beam 19: End 2: 15: TERM	0.0000	0.0000	-12.9347	22.5064	10.8279	0.0000	
Beam 19: End 2: 16: RITIRO	0.0000	0.0000	9.6579	-16.8048	-8.0848	0.0000	
Beam 19: End 2: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Beam 19: End 2: 18: SISMA_H	0.0000	0.0000	49.0037	69.3744	53.9200	0.0000	
Beam 19: End 2: 19: SISMA_V	0.0000	0.0000	-0.0034	-9.1371	-18.1051	0.0000	
Beam 19: End 2: 20: SPSSX	0.0000	0.0000	20.2096	179.6906	16.9371	0.0000	
Beam 19: End 2: 21: SPSDX	0.0000	0.0000	-33.4044	-34.9005	-40.5723	0.0000	
Beam 19: End 2: 22: SLU01 [Combination 1]	0.0000	0.0000	86.2876	84.4107	-458.4819	0.0000	
Beam 19: End 2: 23: SLU02 [Combination 2]	0.0000	0.0000	92.3744	-83.5946	-493.1050	0.0000	
Beam 19: End 2: 24: SLU03 [Combination 3]	0.0000	0.0000	67.8315	-42.0687	-474.6089	0.0000	
Beam 19: End 2: 25: SLU04 [Combination 4]	0.0000	0.0000	84.0475	146.2625	-456.1323	0.0000	
Beam 19: End 2: 26: SLU05 [Combination 5]	0.0000	0.0000	74.5711	136.0194	-467.9565	0.0000	
Beam 19: End 2: 27: SLU06 [Combination 6]	0.0000	0.0000	26.8679	213.4617	-280.2888	0.0000	
Beam 19: End 2: 28: SLU07 [Combination 7]	0.0000	0.0000	95.6887	126.0068	-465.8773	0.0000	
Beam 19: End 2: 29: SLU08 [Combination 8]	0.0000	0.0000	21.8466	256.0290	-194.7578	0.0000	
Beam 19: End 2: 30: SLU09 [Combination 9]	0.0000	0.0000	36.2474	102.4420	-508.8810	0.0000	
Beam 19: End 2: 31: SLU10 [Combination 10]	0.0000	0.0000	7.5686	-163.7093	-590.2531	0.0000	
Beam 19: End 2: 32: SLU11 [Combination 11]	0.0000	0.0000	55.3135	-48.0804	-553.0278	0.0000	
Beam 19: End 2: 33: SLU12 [Combination 12]	0.0000	0.0000	16.5093	19.4387	-520.5442	0.0000	
Beam 19: End 2: 34: SLU13 [Combination 13]	0.0000	0.0000	81.6125	81.7539	-421.5812	0.0000	
Beam 19: End 2: 35: SLU14 [Combination 14]	0.0000	0.0000	90.6496	-64.2807	-453.5931	0.0000	
Beam 19: End 2: 36: SLU15 [Combination 15]	0.0000	0.0000	66.1067	-22.7548	-435.0970	0.0000	
Beam 19: End 2: 37: SLU16 [Combination 16]	0.0000	0.0000	79.3724	143.6057	-419.2315	0.0000	
Beam 19: End 2: 38: SLU17 [Combination 17]	0.0000	0.0000	69.8960	133.3626	-431.0557	0.0000	
Beam 19: End 2: 39: SLU18 [Combination 18]	0.0000	0.0000	23.9176	191.4910	-282.9000	0.0000	
Beam 19: End 2: 40: SLU19 [Combination 19]	0.0000	0.0000	91.0136	123.3500	-428.9766	0.0000	
Beam 19: End 2: 41: SLU20 [Combination 20]	0.0000	0.0000	18.8963	234.0583	-197.3690	0.0000	
Beam 19: End 2: 42: SLU21 [Combination 21]	0.0000	0.0000	33.3049	101.3785	-470.0647	0.0000	

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
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Beam 19: End 2: 43: SLU22 [Combination 22]	0.0000	0.0000	12.0982	-138.1429	-543.3891	0.0000
Beam 19: End 2: 44: SLU23 [Combination 23]	0.0000	0.0000	52.9610	-44.7498	-513.6892	0.0000
Beam 19: End 2: 45: SLU24 [Combination 24]	0.0000	0.0000	14.1569	22.7693	-481.2056	0.0000
Beam 19: End 2: 46: SLU25 [Combination 25]	0.0000	0.0000	59.4522	123.6441	-483.3255	0.0000
Beam 19: End 2: 47: SLU26 [Combination 26]	0.0000	0.0000	56.5097	122.5807	-444.5092	0.0000
Beam 19: End 2: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	47.6107	77.1841	-241.6582	0.0000
Beam 19: End 2: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	47.6128	82.6664	-230.7951	0.0000
Beam 19: End 2: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	3.2173	153.0265	-291.9888	0.0000
Beam 19: End 2: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	3.2194	158.5087	-281.1257	0.0000
Beam 19: End 2: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	36.6888	46.6564	-263.6752	0.0000
Beam 19: End 2: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	36.6956	64.9307	-227.4649	0.0000
Beam 19: End 2: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	23.3708	69.4091	-278.7743	0.0000
Beam 19: End 2: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	23.3776	87.6834	-242.5641	0.0000
Beam 19: End 2: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	46.9659	76.8177	-236.5684	0.0000
Beam 19: End 2: 57: SLU_SISMA10 [Combination 36]	0.0000	0.0000	46.9679	82.2999	-225.7053	0.0000
Beam 19: End 2: 58: SLU_SISMA11 [Combination 37]	0.0000	0.0000	2.5725	152.6600	-286.8990	0.0000
Beam 19: End 2: 59: SLU_SISMA12 [Combination 38]	0.0000	0.0000	2.5745	158.1423	-276.0359	0.0000
Beam 19: End 2: 60: SLU_SISMA13 [Combination 39]	0.0000	0.0000	36.0440	46.2900	-258.5854	0.0000

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto IN17</p>	<p>Lotto 12</p>	<p>Codifica EI2CLSL1000001</p>	<p>A</p>

Beam 19: End 2: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	36.0508	64.5642	-222.3751
Beam 19: End 2: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	22.7260	69.0427	-273.6846
Beam 19: End 2: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	22.7328	87.3169	-237.4743
Beam 19: End 2: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	-16.6997	17.3681	-389.6254
Beam 19: End 2: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	20.4665	92.8287	-318.3786
Beam 19: End 2: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	65.5543	69.8022	-315.2762
Beam 19: End 2: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	-14.8725	20.2310	-364.1532
Beam 19: End 2: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	20.3819	93.9335	-295.0202
Beam 19: End 2: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	62.9749	68.3364	-294.9172
Beam 19: End 2: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	47.8786	77.9242	-349.7373
Beam 19: End 2: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	45.8492	77.1908	-322.9674
Beam 19: End 2: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	6.9427	66.5932	-212.2837
Beam 19: End 2: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	41.5111	76.8181	-320.5833
Beam 19: End 2: 74: SLE_FREQ02 [Combination 53] 0.0000	0.0000	0.0000	39.8876	76.2313	-299.1674
Beam 19: End 2: 75: SLU/SLV [Absolute Envelope 1] 0.0000	0.0000	0.0000	95.6887	256.0290	590.2531
Beam 19: End 2: 76: SLU [Absolute Envelope 2] 0.0000	0.0000	0.0000	95.6887	256.0290	590.2531

GENERAL CONTRACTOR 		ALTA SORVEGLIANZA 			
		Progetto	Lotto	Codifica	
		IN17	12	EI2CLSL1000001	A



Beam 19: End 2: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	47.6128	158.5087	291.9888	
0.0000						
Beam 19: End 2: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	65.5543	93.9335	389.6254	
0.0000						
Beam 19: End 2: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	41.5111	76.8181	320.5833	
0.0000						
Beam 19: End 2: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	6.9427	66.5932	212.2837	
0.0000						
Beam 20: End 1: 1: PP	0.0000	0.0000	38.0766	-54.0393	-125.9993	0.0000
Beam 20: End 1: 2: PERM	0.0000	0.0000	2.3418	-26.8208	-59.2142	0.0000
Beam 20: End 1: 3: SPTSX	0.0000	0.0000	-2.6512	173.5636	9.4298	0.0000
Beam 20: End 1: 4: SPTDX	0.0000	0.0000	-27.0753	-29.2660	-33.7834	0.0000
Beam 20: End 1: 5: SPTW	0.0000	0.0000	-3.7490	3.1558	-2.7165	0.0000
Beam 20: End 1: 6: ACC_LM71	0.0000	0.0000	-0.0311	-83.6916	-165.8343	0.0000
Beam 20: End 1: 7: ACC_SW2	0.0000	0.0000	-0.0258	-69.2728	-137.2636	0.0000
Beam 20: End 1: 8: SPACCSX_LM71	0.0000	0.0000	11.8234	87.9889	10.4664	0.0000
Beam 20: End 1: 9: SPACCDX_LM71	0.0000	0.0000	-18.1165	-18.6659	-21.7800	0.0000
Beam 20: End 1: 10: SPACCSX_SW2	0.0000	0.0000	9.7887	72.8367	8.6656	0.0000
Beam 20: End 1: 11: SPACCDX_SW2	0.0000	0.0000	-14.9980	-15.4527	-18.0307	0.0000
Beam 20: End 1: 12: AVV_LM71	0.0000	0.0000	32.9299	30.2831	36.4083	0.0000
Beam 20: End 1: 13: FREN_SW2	0.0000	0.0000	31.7350	29.1843	35.0872	0.0000
Beam 20: End 1: 14: SERP	0.0000	0.0000	0.1002	0.0921	0.1107	0.0000
Beam 20: End 1: 15: TERM	0.0000	0.0000	-12.9347	22.5064	10.8279	0.0000
Beam 20: End 1: 16: RITIRO	0.0000	0.0000	9.6579	-16.8048	-8.0848	0.0000
Beam 20: End 1: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Beam 20: End 1: 18: SISMA_H	0.0000	0.0000	49.0037	69.3744	53.9200	0.0000
Beam 20: End 1: 19: SISMA_V	0.0000	0.0000	-0.0034	-9.1371	-18.1051	0.0000
Beam 20: End 1: 20: SPSSX	0.0000	0.0000	20.2096	179.6906	16.9371	0.0000
Beam 20: End 1: 21: SPSDX	0.0000	0.0000	-33.4044	-34.9005	-40.5723	0.0000
Beam 20: End 1: 22: SLU01 [Combination 1]	0.0000	0.0000	86.2876	84.4107	-458.4819	0.0000
Beam 20: End 1: 23: SLU02 [Combination 2]	0.0000	0.0000	92.3744	-83.5946	-493.1050	0.0000

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto</p> <p>IN17</p>	<p>Lotto</p> <p>12</p>	<p>Codifica</p> <p>EI2CLSL1000001</p>	<p>A</p>

Beam 20: End 1: 24: SLU03 [Combination 3]	0.0000	0.0000	67.8315	-42.0687	-474.6089	0.0000
Beam 20: End 1: 25: SLU04 [Combination 4]	0.0000	0.0000	84.0475	146.2625	-456.1323	0.0000
Beam 20: End 1: 26: SLU05 [Combination 5]	0.0000	0.0000	74.5711	136.0194	-467.9565	0.0000
Beam 20: End 1: 27: SLU06 [Combination 6]	0.0000	0.0000	26.8679	213.4617	-280.2888	0.0000
Beam 20: End 1: 28: SLU07 [Combination 7]	0.0000	0.0000	95.6887	126.0068	-465.8773	0.0000
Beam 20: End 1: 29: SLU08 [Combination 8]	0.0000	0.0000	21.8466	256.0290	-194.7578	0.0000
Beam 20: End 1: 30: SLU09 [Combination 9]	0.0000	0.0000	36.2474	102.4420	-508.8810	0.0000
Beam 20: End 1: 31: SLU10 [Combination 10]	0.0000	0.0000	7.5686	-163.7093	-590.2531	0.0000
Beam 20: End 1: 32: SLU11 [Combination 11]	0.0000	0.0000	55.3135	-48.0804	-553.0278	0.0000
Beam 20: End 1: 33: SLU12 [Combination 12]	0.0000	0.0000	16.5093	19.4387	-520.5442	0.0000
Beam 20: End 1: 34: SLU13 [Combination 13]	0.0000	0.0000	81.6125	81.7539	-421.5812	0.0000
Beam 20: End 1: 35: SLU14 [Combination 14]	0.0000	0.0000	90.6496	-64.2807	-453.5931	0.0000
Beam 20: End 1: 36: SLU15 [Combination 15]	0.0000	0.0000	66.1067	-22.7548	-435.0970	0.0000
Beam 20: End 1: 37: SLU16 [Combination 16]	0.0000	0.0000	79.3724	143.6057	-419.2315	0.0000
Beam 20: End 1: 38: SLU17 [Combination 17]	0.0000	0.0000	69.8960	133.3626	-431.0557	0.0000
Beam 20: End 1: 39: SLU18 [Combination 18]	0.0000	0.0000	23.9176	191.4910	-282.9000	0.0000
Beam 20: End 1: 40: SLU19 [Combination 19]	0.0000	0.0000	91.0136	123.3500	-428.9766	0.0000
Beam 20: End 1: 41: SLU20 [Combination 20]	0.0000	0.0000	18.8963	234.0583	-197.3690	0.0000
Beam 20: End 1: 42: SLU21 [Combination 21]	0.0000	0.0000	33.3049	101.3785	-470.0647	0.0000
Beam 20: End 1: 43: SLU22 [Combination 22]	0.0000	0.0000	12.0982	-138.1429	-543.3891	0.0000
Beam 20: End 1: 44: SLU23 [Combination 23]	0.0000	0.0000	52.9610	-44.7498	-513.6892	0.0000
Beam 20: End 1: 45: SLU24 [Combination 24]	0.0000	0.0000	14.1569	22.7693	-481.2056	0.0000
Beam 20: End 1: 46: SLU25 [Combination 25]	0.0000	0.0000	59.4522	123.6441	-483.3255	0.0000
Beam 20: End 1: 47: SLU26 [Combination 26]	0.0000	0.0000	56.5097	122.5807	-444.5092	0.0000
Beam 20: End 1: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	47.6107	77.1841	-241.6582	0.0000
Beam 20: End 1: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	47.6128	82.6664	-230.7951	0.0000
Beam 20: End 1: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	3.2173	153.0265	-291.9888	0.0000

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto IN17</p>	<p>Lotto 12</p>	<p>Codifica EI2CLSL1000001</p>	<p>A</p>

Beam 20: End 1: 51: SLU_SISMA04 [Combination 30] 0.0000	0.0000	0.0000	3.2194	158.5087	-281.1257
Beam 20: End 1: 52: SLU_SISMA05 [Combination 31] 0.0000	0.0000	0.0000	36.6888	46.6564	-263.6752
Beam 20: End 1: 53: SLU_SISMA06 [Combination 32] 0.0000	0.0000	0.0000	36.6956	64.9307	-227.4649
Beam 20: End 1: 54: SLU_SISMA07 [Combination 33] 0.0000	0.0000	0.0000	23.3708	69.4091	-278.7743
Beam 20: End 1: 55: SLU_SISMA08 [Combination 34] 0.0000	0.0000	0.0000	23.3776	87.6834	-242.5641
Beam 20: End 1: 56: SLU_SISMA09 [Combination 35] 0.0000	0.0000	0.0000	46.9659	76.8177	-236.5684
Beam 20: End 1: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	46.9679	82.2999	-225.7053
Beam 20: End 1: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	2.5725	152.6600	-286.8990
Beam 20: End 1: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	2.5745	158.1423	-276.0359
Beam 20: End 1: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	36.0440	46.2900	-258.5854
Beam 20: End 1: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	36.0508	64.5642	-222.3751
Beam 20: End 1: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	22.7260	69.0427	-273.6846
Beam 20: End 1: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	22.7328	87.3169	-237.4743
Beam 20: End 1: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	-16.6997	17.3681	-389.6254
Beam 20: End 1: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	20.4665	92.8287	-318.3786
Beam 20: End 1: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	65.5543	69.8022	-315.2762

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto IN17</p>	<p>Lotto 12</p>	<p>Codifica EI2CLSL1000001</p>	<p>A</p>

Beam 20: End 1: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	-14.8725	20.2310	-364.1532	
Beam 20: End 1: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	20.3819	93.9335	-295.0202	
Beam 20: End 1: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	62.9749	68.3364	-294.9172	
Beam 20: End 1: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	47.8786	77.9242	-349.7373	
Beam 20: End 1: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	45.8492	77.1908	-322.9674	
Beam 20: End 1: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	6.9427	66.5932	-212.2837	
Beam 20: End 1: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	41.5111	76.8181	-320.5833	
Beam 20: End 1: 74: SLE_FREQ02 [Combination 53] 0.0000	0.0000	0.0000	39.8876	76.2313	-299.1674	
Beam 20: End 1: 75: SLU/SLV [Absolute Envelope 1] 0.0000	0.0000	0.0000	95.6887	256.0290	590.2531	
Beam 20: End 1: 76: SLU [Absolute Envelope 2] 0.0000	0.0000	0.0000	95.6887	256.0290	590.2531	
Beam 20: End 1: 77: SLV [Absolute Envelope 3] 0.0000	0.0000	0.0000	47.6128	158.5087	291.9888	
Beam 20: End 1: 78: SLE R [Absolute Envelope 4] 0.0000	0.0000	0.0000	65.5543	93.9335	389.6254	
Beam 20: End 1: 79: SLE F [Absolute Envelope 5] 0.0000	0.0000	0.0000	41.5111	76.8181	320.5833	
Beam 20: End 1: 80: SLE QP [Absolute Envelope 6] 0.0000	0.0000	0.0000	6.9427	66.5932	212.2837	
Beam 20: End 2: 1: PP	0.0000	0.0000	38.0766	-26.6242	-108.3413	0.0000
Beam 20: End 2: 2: PERM	0.0000	0.0000	2.3418	-25.1347	-59.2142	0.0000
Beam 20: End 2: 3: SPTSX	0.0000	0.0000	-26.9152	162.6778	9.4298	0.0000
Beam 20: End 2: 4: SPTDX	0.0000	0.0000	-27.0753	-48.7603	-33.7834	0.0000

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto</p> <p>IN17</p>	<p>Lotto</p> <p>12</p>	<p>Codifica</p> <p>EI2CLSL1000001</p>	<p>A</p>

Beam 20: End 2: 5: SPTW	0.0000	0.0000	-3.7490	0.4565	-2.7165	0.0000	
Beam 20: End 2: 6: ACC_LM71	0.0000	0.0000	-0.0311	-83.7140	-165.8343	0.0000	
Beam 20: End 2: 7: ACC_SW2	0.0000	0.0000	-0.0258	-69.2914	-137.2636	0.0000	
Beam 20: End 2: 8: SPACCSX_LM71	0.0000	0.0000	-1.1366	91.8362	10.4664	0.0000	
Beam 20: End 2: 9: SPACCDX_LM71	0.0000	0.0000	-18.1165	-31.7098	-21.7800	0.0000	
Beam 20: End 2: 10: SPACCSX_SW2	0.0000	0.0000	-0.9393	76.0225	8.6656	0.0000	
Beam 20: End 2: 11: SPACCDX_SW2	0.0000	0.0000	-14.9980	-26.2512	-18.0307	0.0000	
Beam 20: End 2: 12: AVV_LM71	0.0000	0.0000	32.9299	53.9927	36.4083	0.0000	
Beam 20: End 2: 13: FREN_SW2	0.0000	0.0000	31.7350	52.0335	35.0872	0.0000	
Beam 20: End 2: 14: SERP	0.0000	0.0000	0.1002	0.1642	0.1107	0.0000	
Beam 20: End 2: 15: TERM	0.0000	0.0000	-12.9347	13.1934	10.8279	0.0000	
Beam 20: End 2: 16: RITIRO	0.0000	0.0000	9.6579	-9.8510	-8.0848	0.0000	
Beam 20: End 2: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Beam 20: End 2: 18: SISMA_H	0.0000	0.0000	45.0221	103.2237	53.9200	0.0000	
Beam 20: End 2: 19: SISMA_V	0.0000	0.0000	-0.0034	-9.1396	-18.1051	0.0000	
Beam 20: End 2: 20: SPSSX	0.0000	0.0000	-6.8624	184.4955	16.9371	0.0000	
Beam 20: End 2: 21: SPSDX	0.0000	0.0000	-33.4044	-58.9517	-40.5723	0.0000	
Beam 20: End 2: 22: SLU01 [Combination 1]	0.0000	0.0000	43.2316	130.7957	-434.6436	0.0000	
Beam 20: End 2: 23: SLU02 [Combination 2]	0.0000	0.0000	68.1104	-26.0620	-469.2667	0.0000	
Beam 20: End 2: 24: SLU03 [Combination 3]	0.0000	0.0000	43.5675	-2.2070	-450.7706	0.0000	
Beam 20: End 2: 25: SLU04 [Combination 4]	0.0000	0.0000	32.4991	187.8927	-432.2940	0.0000	
Beam 20: End 2: 26: SLU05 [Combination 5]	0.0000	0.0000	23.0227	170.8266	-444.1182	0.0000	
Beam 20: End 2: 27: SLU06 [Combination 6]	0.0000	0.0000	-24.6805	213.9226	-256.4505	0.0000	
Beam 20: End 2: 28: SLU07 [Combination 7]	0.0000	0.0000	44.1403	176.0187	-442.0390	0.0000	
Beam 20: End 2: 29: SLU08 [Combination 8]	0.0000	0.0000	-29.7018	252.8745	-177.0998	0.0000	
Beam 20: End 2: 30: SLU09 [Combination 9]	0.0000	0.0000	-15.3010	109.6561	-485.0427	0.0000	
Beam 20: End 2: 31: SLU10 [Combination 10]	0.0000	0.0000	-16.6954	-167.2369	-566.4148	0.0000	
Beam 20: End 2: 32: SLU11 [Combination 11]	0.0000	0.0000	16.0159	-22.6438	-529.1895	0.0000	
Beam 20: End 2: 33: SLU12 [Combination 12]	0.0000	0.0000	-22.7883	16.9363	-496.7059	0.0000	
Beam 20: End 2: 34: SLU13 [Combination 13]	0.0000	0.0000	41.7929	125.9379	-397.7429	0.0000	

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto</p> <p>IN17</p>	<p>Lotto</p> <p>12</p>	<p>Codifica</p> <p>EI2CLSL1000001</p>	<p>A</p>

Beam 20: End 2: 35: SLU14 [Combination 14]	0.0000	0.0000	66.3856	-7.9900	-429.7548	0.0000
Beam 20: End 2: 36: SLU15 [Combination 15]	0.0000	0.0000	41.8427	15.8650	-411.2587	0.0000
Beam 20: End 2: 37: SLU16 [Combination 16]	0.0000	0.0000	31.0604	183.0349	-395.3932	0.0000
Beam 20: End 2: 38: SLU17 [Combination 17]	0.0000	0.0000	21.5840	165.9688	-407.2174	0.0000
Beam 20: End 2: 39: SLU18 [Combination 18]	0.0000	0.0000	-24.3944	190.9927	-259.0617	0.0000
Beam 20: End 2: 40: SLU19 [Combination 19]	0.0000	0.0000	42.7016	171.1609	-405.1383	0.0000
Beam 20: End 2: 41: SLU20 [Combination 20]	0.0000	0.0000	-29.4157	229.9447	-179.7110	0.0000
Beam 20: End 2: 42: SLU21 [Combination 21]	0.0000	0.0000	-15.0071	107.6391	-446.2264	0.0000
Beam 20: End 2: 43: SLU22 [Combination 22]	0.0000	0.0000	-12.1658	-138.4091	-519.5508	0.0000
Beam 20: End 2: 44: SLU23 [Combination 23]	0.0000	0.0000	16.2525	-20.0748	-489.8509	0.0000
Beam 20: End 2: 45: SLU24 [Combination 24]	0.0000	0.0000	-22.5516	19.5053	-457.3673	0.0000
Beam 20: End 2: 46: SLU25 [Combination 25]	0.0000	0.0000	7.9038	147.5657	-459.4872	0.0000
Beam 20: End 2: 47: SLU26 [Combination 26]	0.0000	0.0000	8.1977	145.5487	-420.6709	0.0000
Beam 20: End 2: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	16.7731	100.1204	-224.0002	0.0000
Beam 20: End 2: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	16.7752	105.6041	-213.1371	0.0000
Beam 20: End 2: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	-46.7291	137.1203	-274.3308	0.0000
Beam 20: End 2: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	-46.7270	142.6040	-263.4677	0.0000
Beam 20: End 2: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	8.6384	62.7323	-246.0172	0.0000
Beam 20: End 2: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	8.6452	81.0114	-209.8069	0.0000
Beam 20: End 2: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	-10.4123	73.8323	-261.1163	0.0000
Beam 20: End 2: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	-10.4055	92.1114	-224.9061	0.0000
Beam 20: End 2: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	16.5747	99.4503	-218.9104	0.0000

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Beam 20: End 2: 57: SLU_SISMA10 [Combination 36]	0.0000	0.0000	16.5767	104.9341	-208.0473
0.0000					
Beam 20: End 2: 58: SLU_SISMA11 [Combination 37]	0.0000	0.0000	-46.9275	136.4503	-269.2410
0.0000					
Beam 20: End 2: 59: SLU_SISMA12 [Combination 38]	0.0000	0.0000	-46.9255	141.9340	-258.3779
0.0000					
Beam 20: End 2: 60: SLU_SISMA13 [Combination 39]	0.0000	0.0000	8.4399	62.0623	-240.9274
0.0000					
Beam 20: End 2: 61: SLU_SISMA14 [Combination 40]	0.0000	0.0000	8.4467	80.3414	-204.7171
0.0000					
Beam 20: End 2: 62: SLU_SISMA15 [Combination 41]	0.0000	0.0000	-10.6107	73.1623	-256.0266
0.0000					
Beam 20: End 2: 63: SLU_SISMA16 [Combination 42]	0.0000	0.0000	-10.6039	91.4414	-219.8163
0.0000					
Beam 20: End 2: 64: SLE_RARA01 [Combination 43]	0.0000	0.0000	-51.3317	-7.3652	-371.9674
0.0000					
Beam 20: End 2: 65: SLE_RARA02 [Combination 44]	0.0000	0.0000	-14.1655	94.8551	-300.7206
0.0000					
Beam 20: End 2: 66: SLE_RARA03 [Combination 45]	0.0000	0.0000	30.9223	104.2919	-297.6182
0.0000					
Beam 20: End 2: 67: SLE_RARA04 [Combination 46]	0.0000	0.0000	-47.7189	-2.5438	-346.4952
0.0000					
Beam 20: End 2: 68: SLE_RARA05 [Combination 47]	0.0000	0.0000	-12.4645	96.5418	-277.3622
0.0000					
Beam 20: End 2: 69: SLE_RARA06 [Combination 48]	0.0000	0.0000	30.1285	101.6117	-277.2592
0.0000					
Beam 20: End 2: 70: SLE_RARA07 [Combination 49]	0.0000	0.0000	10.6546	98.7542	-332.0793
0.0000					
Beam 20: End 2: 71: SLE_RARA08 [Combination 50]	0.0000	0.0000	10.8572	97.3632	-305.3094
0.0000					
Beam 20: End 2: 72: SLE_QPERM01 [Combination 51]	0.0000	0.0000	-17.3213	62.6151	-194.6257
0.0000					

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Beam 20: End 2: 73: SLE_FREQ01 [Combination 52]	0.0000	0.0000	6.8791	93.9966	-302.9253		
0.0000							
Beam 20: End 2: 74: SLE_FREQ02 [Combination 53]	0.0000	0.0000	7.0412	92.8838	-281.5094		
0.0000							
Beam 20: End 2: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	68.1104	252.8745	566.4148		
0.0000							
Beam 20: End 2: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	68.1104	252.8745	566.4148		
0.0000							
Beam 20: End 2: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	46.9275	142.6040	274.3308		
0.0000							
Beam 20: End 2: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	51.3317	104.2919	371.9674		
0.0000							
Beam 20: End 2: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	7.0412	93.9966	302.9253		
0.0000							
Beam 20: End 2: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	17.3213	62.6151	194.6257		
0.0000							
Beam 21: End 1: 1: PP	0.0000	0.0000	38.0766	-26.6242	-108.3413	0.0000	
Beam 21: End 1: 2: PERM	0.0000	0.0000	2.3418	-25.1347	-59.2142	0.0000	
Beam 21: End 1: 3: SPTSX	0.0000	0.0000	-26.9152	162.6778	9.4298	0.0000	
Beam 21: End 1: 4: SPTDX	0.0000	0.0000	-27.0753	-48.7603	-33.7834	0.0000	
Beam 21: End 1: 5: SPTW	0.0000	0.0000	-3.7490	0.4565	-2.7165	0.0000	
Beam 21: End 1: 6: ACC_LM71	0.0000	0.0000	-0.0311	-83.7140	-165.8343	0.0000	
Beam 21: End 1: 7: ACC_SW2	0.0000	0.0000	-0.0258	-69.2914	-137.2636	0.0000	
Beam 21: End 1: 8: SPACCSX_LM71	0.0000	0.0000	-1.1366	91.8362	10.4664	0.0000	
Beam 21: End 1: 9: SPACCDX_LM71	0.0000	0.0000	-18.1165	-31.7098	-21.7800	0.0000	
Beam 21: End 1: 10: SPACCSX_SW2	0.0000	0.0000	-0.9393	76.0225	8.6656	0.0000	
Beam 21: End 1: 11: SPACCDX_SW2	0.0000	0.0000	-14.9980	-26.2512	-18.0307	0.0000	
Beam 21: End 1: 12: AVV_LM71	0.0000	0.0000	32.9299	53.9927	36.4083	0.0000	
Beam 21: End 1: 13: FREN_SW2	0.0000	0.0000	31.7350	52.0335	35.0872	0.0000	
Beam 21: End 1: 14: SERP	0.0000	0.0000	0.1002	0.1642	0.1107	0.0000	
Beam 21: End 1: 15: TERM	0.0000	0.0000	-12.9347	13.1934	10.8279	0.0000	

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	<p>Progetto</p> <p>IN17</p>	<p>Lotto</p> <p>12</p>	<p>Codifica</p> <p>EI2CLSL1000001</p>	<p>A</p>



Beam 21: End 1: 16: RITIRO	0.0000	0.0000	9.6579	-9.8510	-8.0848	0.0000	
Beam 21: End 1: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Beam 21: End 1: 18: SISMA_H	0.0000	0.0000	45.0221	103.2237	53.9200	0.0000	
Beam 21: End 1: 19: SISMA_V	0.0000	0.0000	-0.0034	-9.1396	-18.1051	0.0000	
Beam 21: End 1: 20: SPSSX	0.0000	0.0000	-6.8624	184.4955	16.9371	0.0000	
Beam 21: End 1: 21: SPSDX	0.0000	0.0000	-33.4044	-58.9517	-40.5723	0.0000	
Beam 21: End 1: 22: SLU01 [Combination 1]	0.0000	0.0000	43.2316	130.7957	-434.6436	0.0000	
Beam 21: End 1: 23: SLU02 [Combination 2]	0.0000	0.0000	68.1104	-26.0620	-469.2667	0.0000	
Beam 21: End 1: 24: SLU03 [Combination 3]	0.0000	0.0000	43.5675	-2.2070	-450.7706	0.0000	
Beam 21: End 1: 25: SLU04 [Combination 4]	0.0000	0.0000	32.4991	187.8927	-432.2940	0.0000	
Beam 21: End 1: 26: SLU05 [Combination 5]	0.0000	0.0000	23.0227	170.8266	-444.1182	0.0000	
Beam 21: End 1: 27: SLU06 [Combination 6]	0.0000	0.0000	-24.6805	213.9226	-256.4505	0.0000	
Beam 21: End 1: 28: SLU07 [Combination 7]	0.0000	0.0000	44.1403	176.0187	-442.0390	0.0000	
Beam 21: End 1: 29: SLU08 [Combination 8]	0.0000	0.0000	-29.7018	252.8745	-177.0998	0.0000	
Beam 21: End 1: 30: SLU09 [Combination 9]	0.0000	0.0000	-15.3010	109.6561	-485.0427	0.0000	
Beam 21: End 1: 31: SLU10 [Combination 10]	0.0000	0.0000	-16.6954	-167.2369	-566.4148	0.0000	
Beam 21: End 1: 32: SLU11 [Combination 11]	0.0000	0.0000	16.0159	-22.6438	-529.1895	0.0000	
Beam 21: End 1: 33: SLU12 [Combination 12]	0.0000	0.0000	-22.7883	16.9363	-496.7059	0.0000	
Beam 21: End 1: 34: SLU13 [Combination 13]	0.0000	0.0000	41.7929	125.9379	-397.7429	0.0000	
Beam 21: End 1: 35: SLU14 [Combination 14]	0.0000	0.0000	66.3856	-7.9900	-429.7548	0.0000	
Beam 21: End 1: 36: SLU15 [Combination 15]	0.0000	0.0000	41.8427	15.8650	-411.2587	0.0000	
Beam 21: End 1: 37: SLU16 [Combination 16]	0.0000	0.0000	31.0604	183.0349	-395.3932	0.0000	
Beam 21: End 1: 38: SLU17 [Combination 17]	0.0000	0.0000	21.5840	165.9688	-407.2174	0.0000	
Beam 21: End 1: 39: SLU18 [Combination 18]	0.0000	0.0000	-24.3944	190.9927	-259.0617	0.0000	
Beam 21: End 1: 40: SLU19 [Combination 19]	0.0000	0.0000	42.7016	171.1609	-405.1383	0.0000	
Beam 21: End 1: 41: SLU20 [Combination 20]	0.0000	0.0000	-29.4157	229.9447	-179.7110	0.0000	
Beam 21: End 1: 42: SLU21 [Combination 21]	0.0000	0.0000	-15.0071	107.6391	-446.2264	0.0000	
Beam 21: End 1: 43: SLU22 [Combination 22]	0.0000	0.0000	-12.1658	-138.4091	-519.5508	0.0000	
Beam 21: End 1: 44: SLU23 [Combination 23]	0.0000	0.0000	16.2525	-20.0748	-489.8509	0.0000	
Beam 21: End 1: 45: SLU24 [Combination 24]	0.0000	0.0000	-22.5516	19.5053	-457.3673	0.0000	

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Beam 21: End 1: 46: SLU25 [Combination 25]	0.0000	0.0000	7.9038	147.5657	-459.4872	0.0000
Beam 21: End 1: 47: SLU26 [Combination 26]	0.0000	0.0000	8.1977	145.5487	-420.6709	0.0000
Beam 21: End 1: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	16.7731	100.1204	-224.0002	0.0000
Beam 21: End 1: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	16.7752	105.6041	-213.1371	0.0000
Beam 21: End 1: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	-46.7291	137.1203	-274.3308	0.0000
Beam 21: End 1: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	-46.7270	142.6040	-263.4677	0.0000
Beam 21: End 1: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	8.6384	62.7323	-246.0172	0.0000
Beam 21: End 1: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	8.6452	81.0114	-209.8069	0.0000
Beam 21: End 1: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	-10.4123	73.8323	-261.1163	0.0000
Beam 21: End 1: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	-10.4055	92.1114	-224.9061	0.0000
Beam 21: End 1: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	16.5747	99.4503	-218.9104	0.0000
Beam 21: End 1: 57: SLU_SISMA10 [Combination 36]	0.0000	0.0000	16.5767	104.9341	-208.0473	0.0000
Beam 21: End 1: 58: SLU_SISMA11 [Combination 37]	0.0000	0.0000	-46.9275	136.4503	-269.2410	0.0000
Beam 21: End 1: 59: SLU_SISMA12 [Combination 38]	0.0000	0.0000	-46.9255	141.9340	-258.3779	0.0000
Beam 21: End 1: 60: SLU_SISMA13 [Combination 39]	0.0000	0.0000	8.4399	62.0623	-240.9274	0.0000
Beam 21: End 1: 61: SLU_SISMA14 [Combination 40]	0.0000	0.0000	8.4467	80.3414	-204.7171	0.0000
Beam 21: End 1: 62: SLU_SISMA15 [Combination 41]	0.0000	0.0000	-10.6107	73.1623	-256.0266	0.0000

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Beam 21: End 1: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	-10.6039	91.4414	-219.8163
Beam 21: End 1: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	-51.3317	-7.3652	-371.9674
Beam 21: End 1: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	-14.1655	94.8551	-300.7206
Beam 21: End 1: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	30.9223	104.2919	-297.6182
Beam 21: End 1: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	-47.7189	-2.5438	-346.4952
Beam 21: End 1: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	-12.4645	96.5418	-277.3622
Beam 21: End 1: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	30.1285	101.6117	-277.2592
Beam 21: End 1: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	10.6546	98.7542	-332.0793
Beam 21: End 1: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	10.8572	97.3632	-305.3094
Beam 21: End 1: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	-17.3213	62.6151	-194.6257
Beam 21: End 1: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	6.8791	93.9966	-302.9253
Beam 21: End 1: 74: SLE_FREQ02 [Combination 53] 0.0000	0.0000	0.0000	7.0412	92.8838	-281.5094
Beam 21: End 1: 75: SLU/SLV [Absolute Envelope 1] 0.0000	0.0000	0.0000	68.1104	252.8745	566.4148
Beam 21: End 1: 76: SLU [Absolute Envelope 2] 0.0000	0.0000	0.0000	68.1104	252.8745	566.4148
Beam 21: End 1: 77: SLV [Absolute Envelope 3] 0.0000	0.0000	0.0000	46.9275	142.6040	274.3308
Beam 21: End 1: 78: SLE R [Absolute Envelope 4] 0.0000	0.0000	0.0000	51.3317	104.2919	371.9674

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Beam 21: End 1: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	7.0412	93.9966	302.9253		
0.0000							
Beam 21: End 1: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	17.3213	62.6151	194.6257		
0.0000							
Beam 21: End 2: 1: PP	0.0000	0.0000	38.0766	1.1717	-90.4380	0.0000	
Beam 21: End 2: 2: PERM	0.0000	0.0000	2.3418	-23.4252	-59.2142	0.0000	
Beam 21: End 2: 3: SPTSX	0.0000	0.0000	-47.4647	135.2848	9.4298	0.0000	
Beam 21: End 2: 4: SPTDX	0.0000	0.0000	-27.0753	-68.5253	-33.7834	0.0000	
Beam 21: End 2: 5: SPTW	0.0000	0.0000	-3.7490	-2.2803	-2.7165	0.0000	
Beam 21: End 2: 6: ACC_LM71	0.0000	0.0000	-0.0311	-83.7367	-165.8343	0.0000	
Beam 21: End 2: 7: ACC_SW2	0.0000	0.0000	-0.0258	-69.3102	-137.2636	0.0000	
Beam 21: End 2: 8: SPACCSX_LM71	0.0000	0.0000	-14.2766	86.2103	10.4664	0.0000	
Beam 21: End 2: 9: SPACCDX_LM71	0.0000	0.0000	-18.1165	-44.9348	-21.7800	0.0000	
Beam 21: End 2: 10: SPACCSX_SW2	0.0000	0.0000	-11.8163	71.3667	8.6656	0.0000	
Beam 21: End 2: 11: SPACCDX_SW2	0.0000	0.0000	-14.9980	-37.1997	-18.0307	0.0000	
Beam 21: End 2: 12: AVV_LM71	0.0000	0.0000	32.9299	78.0315	36.4083	0.0000	
Beam 21: End 2: 13: FREN_SW2	0.0000	0.0000	31.7350	75.2000	35.0872	0.0000	
Beam 21: End 2: 14: SERP	0.0000	0.0000	0.1002	0.2373	0.1107	0.0000	
Beam 21: End 2: 15: TERM	0.0000	0.0000	-12.9347	3.7510	10.8279	0.0000	
Beam 21: End 2: 16: RITIRO	0.0000	0.0000	9.6579	-2.8008	-8.0848	0.0000	
Beam 21: End 2: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Beam 21: End 2: 18: SISMA_H	0.0000	0.0000	40.9852	134.6163	53.9200	0.0000	
Beam 21: End 2: 19: SISMA_V	0.0000	0.0000	-0.0034	-9.1420	-18.1051	0.0000	
Beam 21: End 2: 20: SPSSX	0.0000	0.0000	-34.3104	169.4675	16.9371	0.0000	
Beam 21: End 2: 21: SPSDX	0.0000	0.0000	-33.4044	-83.3369	-40.5723	0.0000	
Beam 21: End 2: 22: SLU01 [Combination 1]	0.0000	0.0000	3.6291	147.6556	-410.4742	0.0000	
Beam 21: End 2: 23: SLU02 [Combination 2]	0.0000	0.0000	47.5609	15.9137	-445.0973	0.0000	
Beam 21: End 2: 24: SLU03 [Combination 3]	0.0000	0.0000	23.0180	21.8525	-426.6012	0.0000	
Beam 21: End 2: 25: SLU04 [Combination 4]	0.0000	0.0000	-14.2957	194.2072	-408.1246	0.0000	
Beam 21: End 2: 26: SLU05 [Combination 5]	0.0000	0.0000	-23.7721	170.2233	-419.9488	0.0000	
Beam 21: End 2: 27: SLU06 [Combination 6]	0.0000	0.0000	-71.4753	178.4959	-232.2811	0.0000	

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Beam 21: End 2: 28: SLU07 [Combination 7]	0.0000	0.0000	-2.6545	190.8312	-417.8696	0.0000
Beam 21: End 2: 29: SLU08 [Combination 8]	0.0000	0.0000	-76.4966	213.7823	-159.1965	0.0000
Beam 21: End 2: 30: SLU09 [Combination 9]	0.0000	0.0000	-62.0959	81.0765	-460.8733	0.0000
Beam 21: End 2: 31: SLU10 [Combination 10]	0.0000	0.0000	-37.2449	-187.1693	-542.2454	0.0000
Beam 21: End 2: 32: SLU11 [Combination 11]	0.0000	0.0000	-19.7760	-24.2605	-505.0201	0.0000
Beam 21: End 2: 33: SLU12 [Combination 12]	0.0000	0.0000	-58.5802	-13.0074	-472.5365	0.0000
Beam 21: End 2: 34: SLU13 [Combination 13]	0.0000	0.0000	5.4717	142.9452	-373.5735	0.0000
Beam 21: End 2: 35: SLU14 [Combination 14]	0.0000	0.0000	45.8361	32.7266	-405.5854	0.0000
Beam 21: End 2: 36: SLU15 [Combination 15]	0.0000	0.0000	21.2932	38.6654	-387.0893	0.0000
Beam 21: End 2: 37: SLU16 [Combination 16]	0.0000	0.0000	-12.4531	189.4968	-371.2239	0.0000
Beam 21: End 2: 38: SLU17 [Combination 17]	0.0000	0.0000	-21.9295	165.5130	-383.0481	0.0000
Beam 21: End 2: 39: SLU18 [Combination 18]	0.0000	0.0000	-67.9079	156.9727	-234.8923	0.0000
Beam 21: End 2: 40: SLU19 [Combination 19]	0.0000	0.0000	-0.8119	186.1209	-380.9689	0.0000
Beam 21: End 2: 41: SLU20 [Combination 20]	0.0000	0.0000	-72.9292	192.2591	-161.8077	0.0000
Beam 21: End 2: 42: SLU21 [Combination 21]	0.0000	0.0000	-58.5206	80.4718	-422.0570	0.0000
Beam 21: End 2: 43: SLU22 [Combination 22]	0.0000	0.0000	-32.7153	-155.0349	-495.3814	0.0000
Beam 21: End 2: 44: SLU23 [Combination 23]	0.0000	0.0000	-16.9143	-20.5606	-465.6815	0.0000
Beam 21: End 2: 45: SLU24 [Combination 24]	0.0000	0.0000	-55.7184	-9.3075	-433.1979	0.0000
Beam 21: End 2: 46: SLU25 [Combination 25]	0.0000	0.0000	-38.8910	135.9257	-435.3178	0.0000
Beam 21: End 2: 47: SLU26 [Combination 26]	0.0000	0.0000	-35.3158	135.3209	-396.5015	0.0000
Beam 21: End 2: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	-10.4413	102.1873	-206.0969	0.0000
Beam 21: End 2: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	-10.4392	107.6725	-195.2338	0.0000
Beam 21: End 2: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	-93.3177	85.7590	-256.4275	0.0000
Beam 21: End 2: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	-93.3156	91.2442	-245.5644	0.0000
Beam 21: End 2: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	-15.7502	59.8923	-228.1139	0.0000

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto IN17</p>	<p>Lotto 12</p>	<p>Codifica EI2CLSL1000001</p>	<p>A</p>



Beam 21: End 2: 53: SLU_SISMA06 [Combination 32] 0.0000	0.0000	0.0000	-15.7434	78.1763	-191.9036
Beam 21: End 2: 54: SLU_SISMA07 [Combination 33] 0.0000	0.0000	0.0000	-40.6131	54.9638	-243.2131
Beam 21: End 2: 55: SLU_SISMA08 [Combination 34] 0.0000	0.0000	0.0000	-40.6063	73.2479	-207.0028
Beam 21: End 2: 56: SLU_SISMA09 [Combination 35] 0.0000	0.0000	0.0000	-10.1871	101.5376	-201.0072
Beam 21: End 2: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	-10.1851	107.0228	-190.1441
Beam 21: End 2: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	-93.0635	85.1093	-251.3378
Beam 21: End 2: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	-93.0615	90.5945	-240.4747
Beam 21: End 2: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	-15.4960	59.2425	-223.0241
Beam 21: End 2: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	-15.4892	77.5266	-186.8139
Beam 21: End 2: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	-40.3590	54.3141	-238.1233
Beam 21: End 2: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	-40.3522	72.5982	-201.9131
Beam 21: End 2: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	-82.3932	-56.4190	-354.0641
Beam 21: End 2: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	-45.2270	72.9326	-282.8173
Beam 21: End 2: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	-0.1392	115.2835	-279.7149
Beam 21: End 2: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	-76.9700	-48.2995	-328.5919
Beam 21: End 2: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	-41.7156	76.5218	-259.4589

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto</p> <p>IN17</p>	<p>Lotto</p> <p>12</p>	<p>Codifica</p> <p>EI2CLSL1000001</p>	<p>A</p>



Beam 21: End 2: 69: SLE_RARA06 [Combination 48]	0.0000	0.0000	0.8774	112.6847	-259.3559	
0.0000						
Beam 21: End 2: 70: SLE_RARA07 [Combination 49]	0.0000	0.0000	-23.0349	93.9911	-314.1760	
0.0000						
Beam 21: End 2: 71: SLE_RARA08 [Combination 50]	0.0000	0.0000	-20.5693	93.5741	-287.4061	
0.0000						
Beam 21: End 2: 72: SLE_QPERM01 [Combination 51]	0.0000	0.0000	-37.8708	42.2257	-176.7224	
0.0000						
Beam 21: End 2: 73: SLE_FREQ01 [Combination 52]	0.0000	0.0000	-24.1824	87.4366	-285.0221	
0.0000						
Beam 21: End 2: 74: SLE_FREQ02 [Combination 53]	0.0000	0.0000	-22.2099	87.1030	-263.6062	
0.0000						
Beam 21: End 2: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	93.3177	213.7823	542.2454	
0.0000						
Beam 21: End 2: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	76.4966	213.7823	542.2454	
0.0000						
Beam 21: End 2: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	93.3177	107.6725	256.4275	
0.0000						
Beam 21: End 2: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	82.3932	115.2835	354.0641	
0.0000						
Beam 21: End 2: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	24.1824	87.4366	285.0221	
0.0000						
Beam 21: End 2: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	37.8708	42.2257	176.7224	
0.0000						
Beam 22: End 1: 1: PP	0.0000	0.0000	38.0766	1.1717	-90.4380	0.0000
Beam 22: End 1: 2: PERM	0.0000	0.0000	2.3418	-23.4252	-59.2142	0.0000
Beam 22: End 1: 3: SPTSX	0.0000	0.0000	-47.4647	135.2848	9.4298	0.0000
Beam 22: End 1: 4: SPTDX	0.0000	0.0000	-27.0753	-68.5253	-33.7834	0.0000
Beam 22: End 1: 5: SPTW	0.0000	0.0000	-3.7490	-2.2803	-2.7165	0.0000
Beam 22: End 1: 6: ACC_LM71	0.0000	0.0000	-0.0311	-83.7367	-165.8343	0.0000
Beam 22: End 1: 7: ACC_SW2	0.0000	0.0000	-0.0258	-69.3102	-137.2636	0.0000
Beam 22: End 1: 8: SPACCSX_LM71	0.0000	0.0000	-14.2766	86.2103	10.4664	0.0000

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto</p> <p>IN17</p>	<p>Lotto</p> <p>12</p>	<p>Codifica</p> <p>EI2CLSL1000001</p>	<p>A</p>

Beam 22: End 1: 9: SPACCDX_LM71	0.0000	0.0000	-18.1165	-44.9348	-21.7800	0.0000
Beam 22: End 1: 10: SPACCSX_SW2	0.0000	0.0000	-11.8163	71.3667	8.6656	0.0000
Beam 22: End 1: 11: SPACCDX_SW2	0.0000	0.0000	-14.9980	-37.1997	-18.0307	0.0000
Beam 22: End 1: 12: AVV_LM71	0.0000	0.0000	32.9299	78.0315	36.4083	0.0000
Beam 22: End 1: 13: FREN_SW2	0.0000	0.0000	31.7350	75.2000	35.0872	0.0000
Beam 22: End 1: 14: SERP	0.0000	0.0000	0.1002	0.2373	0.1107	0.0000
Beam 22: End 1: 15: TERM	0.0000	0.0000	-12.9347	3.7510	10.8279	0.0000
Beam 22: End 1: 16: RITIRO	0.0000	0.0000	9.6579	-2.8008	-8.0848	0.0000
Beam 22: End 1: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Beam 22: End 1: 18: SISMA_H	0.0000	0.0000	40.9852	134.6163	53.9200	0.0000
Beam 22: End 1: 19: SISMA_V	0.0000	0.0000	-0.0034	-9.1420	-18.1051	0.0000
Beam 22: End 1: 20: SPSSX	0.0000	0.0000	-34.3104	169.4675	16.9371	0.0000
Beam 22: End 1: 21: SPSDX	0.0000	0.0000	-33.4044	-83.3369	-40.5723	0.0000
Beam 22: End 1: 22: SLU01 [Combination 1]	0.0000	0.0000	3.6291	147.6556	-410.4742	0.0000
Beam 22: End 1: 23: SLU02 [Combination 2]	0.0000	0.0000	47.5609	15.9137	-445.0973	0.0000
Beam 22: End 1: 24: SLU03 [Combination 3]	0.0000	0.0000	23.0180	21.8525	-426.6012	0.0000
Beam 22: End 1: 25: SLU04 [Combination 4]	0.0000	0.0000	-14.2957	194.2072	-408.1246	0.0000
Beam 22: End 1: 26: SLU05 [Combination 5]	0.0000	0.0000	-23.7721	170.2233	-419.9488	0.0000
Beam 22: End 1: 27: SLU06 [Combination 6]	0.0000	0.0000	-71.4753	178.4959	-232.2811	0.0000
Beam 22: End 1: 28: SLU07 [Combination 7]	0.0000	0.0000	-2.6545	190.8312	-417.8696	0.0000
Beam 22: End 1: 29: SLU08 [Combination 8]	0.0000	0.0000	-76.4966	213.7823	-159.1965	0.0000
Beam 22: End 1: 30: SLU09 [Combination 9]	0.0000	0.0000	-62.0959	81.0765	-460.8733	0.0000
Beam 22: End 1: 31: SLU10 [Combination 10]	0.0000	0.0000	-37.2449	-187.1693	-542.2454	0.0000
Beam 22: End 1: 32: SLU11 [Combination 11]	0.0000	0.0000	-19.7760	-24.2605	-505.0201	0.0000
Beam 22: End 1: 33: SLU12 [Combination 12]	0.0000	0.0000	-58.5802	-13.0074	-472.5365	0.0000
Beam 22: End 1: 34: SLU13 [Combination 13]	0.0000	0.0000	5.4717	142.9452	-373.5735	0.0000
Beam 22: End 1: 35: SLU14 [Combination 14]	0.0000	0.0000	45.8361	32.7266	-405.5854	0.0000
Beam 22: End 1: 36: SLU15 [Combination 15]	0.0000	0.0000	21.2932	38.6654	-387.0893	0.0000
Beam 22: End 1: 37: SLU16 [Combination 16]	0.0000	0.0000	-12.4531	189.4968	-371.2239	0.0000
Beam 22: End 1: 38: SLU17 [Combination 17]	0.0000	0.0000	-21.9295	165.5130	-383.0481	0.0000

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto</p> <p>IN17</p>	<p>Lotto</p> <p>12</p>	<p>Codifica</p> <p>EI2CLSL1000001</p>	<p>A</p>



Beam 22: End 1: 39: SLU18 [Combination 18]	0.0000	0.0000	-67.9079	156.9727	-234.8923	0.0000
Beam 22: End 1: 40: SLU19 [Combination 19]	0.0000	0.0000	-0.8119	186.1209	-380.9689	0.0000
Beam 22: End 1: 41: SLU20 [Combination 20]	0.0000	0.0000	-72.9292	192.2591	-161.8077	0.0000
Beam 22: End 1: 42: SLU21 [Combination 21]	0.0000	0.0000	-58.5206	80.4718	-422.0570	0.0000
Beam 22: End 1: 43: SLU22 [Combination 22]	0.0000	0.0000	-32.7153	-155.0349	-495.3814	0.0000
Beam 22: End 1: 44: SLU23 [Combination 23]	0.0000	0.0000	-16.9143	-20.5606	-465.6815	0.0000
Beam 22: End 1: 45: SLU24 [Combination 24]	0.0000	0.0000	-55.7184	-9.3075	-433.1979	0.0000
Beam 22: End 1: 46: SLU25 [Combination 25]	0.0000	0.0000	-38.8910	135.9257	-435.3178	0.0000
Beam 22: End 1: 47: SLU26 [Combination 26]	0.0000	0.0000	-35.3158	135.3209	-396.5015	0.0000
Beam 22: End 1: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	-10.4413	102.1873	-206.0969	0.0000
Beam 22: End 1: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	-10.4392	107.6725	-195.2338	0.0000
Beam 22: End 1: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	-93.3177	85.7590	-256.4275	0.0000
Beam 22: End 1: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	-93.3156	91.2442	-245.5644	0.0000
Beam 22: End 1: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	-15.7502	59.8923	-228.1139	0.0000
Beam 22: End 1: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	-15.7434	78.1763	-191.9036	0.0000
Beam 22: End 1: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	-40.6131	54.9638	-243.2131	0.0000
Beam 22: End 1: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	-40.6063	73.2479	-207.0028	0.0000
Beam 22: End 1: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	-10.1871	101.5376	-201.0072	0.0000
Beam 22: End 1: 57: SLU_SISMA10 [Combination 36]	0.0000	0.0000	-10.1851	107.0228	-190.1441	0.0000
Beam 22: End 1: 58: SLU_SISMA11 [Combination 37]	0.0000	0.0000	-93.0635	85.1093	-251.3378	0.0000

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto</p> <p>IN17</p>	<p>Lotto</p> <p>12</p>	<p>Codifica</p> <p>EI2CLSL1000001</p>	<p>A</p>



Beam 22: End 1: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	-93.0615	90.5945	-240.4747
Beam 22: End 1: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	-15.4960	59.2425	-223.0241
Beam 22: End 1: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	-15.4892	77.5266	-186.8139
Beam 22: End 1: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	-40.3590	54.3141	-238.1233
Beam 22: End 1: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	-40.3522	72.5982	-201.9131
Beam 22: End 1: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	-82.3932	-56.4190	-354.0641
Beam 22: End 1: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	-45.2270	72.9326	-282.8173
Beam 22: End 1: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	-0.1392	115.2835	-279.7149
Beam 22: End 1: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	-76.9700	-48.2995	-328.5919
Beam 22: End 1: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	-41.7156	76.5218	-259.4589
Beam 22: End 1: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	0.8774	112.6847	-259.3559
Beam 22: End 1: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	-23.0349	93.9911	-314.1760
Beam 22: End 1: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	-20.5693	93.5741	-287.4061
Beam 22: End 1: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	-37.8708	42.2257	-176.7224
Beam 22: End 1: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	-24.1824	87.4366	-285.0221
Beam 22: End 1: 74: SLE_FREQ02 [Combination 53] 0.0000	0.0000	0.0000	-22.2099	87.1030	-263.6062

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto</p> <p>IN17</p>	<p>Lotto</p> <p>12</p>	<p>Codifica</p> <p>EI2CLSL1000001</p>	<p>A</p>

Beam 22: End 1: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	93.3177	213.7823	542.2454		
0.0000							
Beam 22: End 1: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	76.4966	213.7823	542.2454		
0.0000							
Beam 22: End 1: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	93.3177	107.6725	256.4275		
0.0000							
Beam 22: End 1: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	82.3932	115.2835	354.0641		
0.0000							
Beam 22: End 1: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	24.1824	87.4366	285.0221		
0.0000							
Beam 22: End 1: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	37.8708	42.2257	176.7224		
0.0000							
Beam 22: End 2: 1: PP	0.0000	0.0000	38.0766	28.5868	-72.7800	0.0000	
Beam 22: End 2: 2: PERM	0.0000	0.0000	2.3418	-21.7391	-59.2142	0.0000	
Beam 22: End 2: 3: SPTSX	0.0000	0.0000	-63.7367	95.0104	9.4298	0.0000	
Beam 22: End 2: 4: SPTDX	0.0000	0.0000	-27.0753	-88.0195	-33.7834	0.0000	
Beam 22: End 2: 5: SPTW	0.0000	0.0000	-3.7490	-4.9796	-2.7165	0.0000	
Beam 22: End 2: 6: ACC_LM71	0.0000	0.0000	-0.0311	-83.7592	-165.8343	0.0000	
Beam 22: End 2: 7: ACC_SW2	0.0000	0.0000	-0.0258	-69.3288	-137.2636	0.0000	
Beam 22: End 2: 8: SPACCSX_LM71	0.0000	0.0000	-27.2366	71.2656	10.4664	0.0000	
Beam 22: End 2: 9: SPACCDX_LM71	0.0000	0.0000	-18.1165	-57.9787	-21.7800	0.0000	
Beam 22: End 2: 10: SPACCSX_SW2	0.0000	0.0000	-22.5443	58.9969	8.6656	0.0000	
Beam 22: End 2: 11: SPACCDX_SW2	0.0000	0.0000	-14.9980	-47.9983	-18.0307	0.0000	
Beam 22: End 2: 12: AVV_LM71	0.0000	0.0000	32.9299	101.7410	36.4083	0.0000	
Beam 22: End 2: 13: FREN_SW2	0.0000	0.0000	31.7350	98.0493	35.0872	0.0000	
Beam 22: End 2: 14: SERP	0.0000	0.0000	0.1002	0.3095	0.1107	0.0000	
Beam 22: End 2: 15: TERM	0.0000	0.0000	-12.9347	-5.5620	10.8279	0.0000	
Beam 22: End 2: 16: RITIRO	0.0000	0.0000	9.6579	4.1529	-8.0848	0.0000	
Beam 22: End 2: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Beam 22: End 2: 18: SISMA_H	0.0000	0.0000	37.0036	162.6923	53.9200	0.0000	
Beam 22: End 2: 19: SISMA_V	0.0000	0.0000	-0.0034	-9.1445	-18.1051	0.0000	

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto</p> <p>IN17</p>	<p>Lotto</p> <p>12</p>	<p>Codifica</p> <p>EI2CLSL1000001</p>	<p>A</p>

Beam 22: End 2: 20: SPSSX	0.0000	0.0000	-61.3824	135.0180	16.9371	0.0000	
Beam 22: End 2: 21: SPSPDX	0.0000	0.0000	-33.4044	-107.3881	-40.5723	0.0000	
Beam 22: End 2: 22: SLU01 [Combination 1]	0.0000	0.0000	-31.4349	137.4035	-386.6359	0.0000	
Beam 22: End 2: 23: SLU02 [Combination 2]	0.0000	0.0000	31.2889	44.0577	-421.2590	0.0000	
Beam 22: End 2: 24: SLU03 [Combination 3]	0.0000	0.0000	6.7460	32.3256	-402.7629	0.0000	
Beam 22: End 2: 25: SLU04 [Combination 4]	0.0000	0.0000	-55.0549	168.9143	-384.2863	0.0000	
Beam 22: End 2: 26: SLU05 [Combination 5]	0.0000	0.0000	-64.5313	138.1075	-396.1105	0.0000	
Beam 22: End 2: 27: SLU06 [Combination 6]	0.0000	0.0000	-112.2345	112.0338	-208.4428	0.0000	
Beam 22: End 2: 28: SLU07 [Combination 7]	0.0000	0.0000	-43.4137	173.9201	-394.0313	0.0000	
Beam 22: End 2: 29: SLU08 [Combination 8]	0.0000	0.0000	-117.2558	143.7048	-141.5385	0.0000	
Beam 22: End 2: 30: SLU09 [Combination 9]	0.0000	0.0000	-102.8551	21.3676	-437.0350	0.0000	
Beam 22: End 2: 31: SLU10 [Combination 10]	0.0000	0.0000	-53.5169	-220.0855	-518.4071	0.0000	
Beam 22: End 2: 32: SLU11 [Combination 11]	0.0000	0.0000	-51.0816	-50.0112	-481.1818	0.0000	
Beam 22: End 2: 33: SLU12 [Combination 12]	0.0000	0.0000	-89.8858	-66.6971	-448.6982	0.0000	
Beam 22: End 2: 34: SLU13 [Combination 13]	0.0000	0.0000	-26.3559	135.1850	-349.7352	0.0000	
Beam 22: End 2: 35: SLU14 [Combination 14]	0.0000	0.0000	29.5641	59.6288	-381.7471	0.0000	
Beam 22: End 2: 36: SLU15 [Combination 15]	0.0000	0.0000	5.0212	47.8966	-363.2510	0.0000	
Beam 22: End 2: 37: SLU16 [Combination 16]	0.0000	0.0000	-49.9759	166.6958	-347.3856	0.0000	
Beam 22: End 2: 38: SLU17 [Combination 17]	0.0000	0.0000	-59.4523	135.8889	-359.2098	0.0000	
Beam 22: End 2: 39: SLU18 [Combination 18]	0.0000	0.0000	-105.4307	94.2442	-211.0540	0.0000	
Beam 22: End 2: 40: SLU19 [Combination 19]	0.0000	0.0000	-38.3347	171.7015	-357.1306	0.0000	
Beam 22: End 2: 41: SLU20 [Combination 20]	0.0000	0.0000	-110.4520	125.9152	-144.1497	0.0000	
Beam 22: End 2: 42: SLU21 [Combination 21]	0.0000	0.0000	-96.0434	24.5021	-398.2187	0.0000	
Beam 22: End 2: 43: SLU22 [Combination 22]	0.0000	0.0000	-48.9873	-184.6898	-471.5431	0.0000	
Beam 22: End 2: 44: SLU23 [Combination 23]	0.0000	0.0000	-45.6308	-43.3187	-441.8432	0.0000	
Beam 22: End 2: 45: SLU24 [Combination 24]	0.0000	0.0000	-84.4349	-60.0046	-409.3596	0.0000	
Beam 22: End 2: 46: SLU25 [Combination 25]	0.0000	0.0000	-79.6502	92.9243	-411.4795	0.0000	
Beam 22: End 2: 47: SLU26 [Combination 26]	0.0000	0.0000	-72.8386	96.0588	-372.6632	0.0000	
Beam 22: End 2: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	-33.2869	86.2032	-188.4389	0.0000	

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto IN17</p>	<p>Lotto 12</p>	<p>Codifica EI2CLSL1000001</p>	<p>A</p>



Beam 22: End 2: 49: SLU_SISMA02 [Combination 28] 0.0000	0.0000	0.0000	-33.2848	91.6899	-177.5758
Beam 22: End 2: 50: SLU_SISMA03 [Combination 29] 0.0000	0.0000	0.0000	-135.2721	3.2247	-238.7695
Beam 22: End 2: 51: SLU_SISMA04 [Combination 30] 0.0000	0.0000	0.0000	-135.2700	8.7114	-227.9064
Beam 22: End 2: 52: SLU_SISMA05 [Combination 31] 0.0000	0.0000	0.0000	-35.8087	41.0891	-210.4559
Beam 22: End 2: 53: SLU_SISMA06 [Combination 32] 0.0000	0.0000	0.0000	-35.8019	59.3781	-174.2456
Beam 22: End 2: 54: SLU_SISMA07 [Combination 33] 0.0000	0.0000	0.0000	-66.4043	16.1956	-225.5551
Beam 22: End 2: 55: SLU_SISMA08 [Combination 34] 0.0000	0.0000	0.0000	-66.3975	34.4846	-189.3448
Beam 22: End 2: 56: SLU_SISMA09 [Combination 35] 0.0000	0.0000	0.0000	-32.5863	85.8972	-183.3492
Beam 22: End 2: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	-32.5843	91.3839	-172.4861
Beam 22: End 2: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	-134.5715	2.9187	-233.6798
Beam 22: End 2: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	-134.5695	8.4054	-222.8167
Beam 22: End 2: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	-35.1081	40.7831	-205.3661
Beam 22: End 2: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	-35.1013	59.0721	-169.1559
Beam 22: End 2: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	-65.7037	15.8896	-220.4653
Beam 22: End 2: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	-65.6969	34.1786	-184.2551
Beam 22: End 2: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	-109.0332	-125.5745	-336.4061

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto</p> <p>IN17</p>	<p>Lotto</p> <p>12</p>	<p>Codifica</p> <p>EI2CLSL1000001</p>	<p>A</p>

Beam 22: End 2: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	-71.8670	30.5368	-265.1593
Beam 22: End 2: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	-26.7792	105.3509	-262.0569
Beam 22: End 2: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	-101.8244	-112.9073	-310.9339
Beam 22: End 2: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	-66.5700	37.2971	-241.8009
Beam 22: End 2: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	-23.9770	104.1269	-241.6979
Beam 22: End 2: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	-52.2669	66.6405	-296.5180
Beam 22: End 2: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	-47.5693	68.8023	-269.7481
Beam 22: End 2: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	-54.1428	8.8589	-159.0644
Beam 22: End 2: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	-50.8224	60.1929	-267.3641
Beam 22: End 2: 74: SLE_FREQ02 [Combination 53] 0.0000	0.0000	0.0000	-47.0643	61.9223	-245.9482
Beam 22: End 2: 75: SLU/SLV [Absolute Envelope 1] 0.0000	0.0000	0.0000	135.2721	220.0855	518.4071
Beam 22: End 2: 76: SLU [Absolute Envelope 2] 0.0000	0.0000	0.0000	117.2558	220.0855	518.4071
Beam 22: End 2: 77: SLV [Absolute Envelope 3] 0.0000	0.0000	0.0000	135.2721	91.6899	238.7695
Beam 22: End 2: 78: SLE R [Absolute Envelope 4] 0.0000	0.0000	0.0000	109.0332	125.5745	336.4061
Beam 22: End 2: 79: SLE F [Absolute Envelope 5] 0.0000	0.0000	0.0000	50.8224	61.9223	267.3641
Beam 22: End 2: 80: SLE QP [Absolute Envelope 6] 0.0000	0.0000	0.0000	54.1428	8.8589	159.0644
Beam 23: End 1: 1: PP	0.0000	0.0000	38.0766	28.5868	-72.7800
				0.0000	

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		IN17	12	EI2CLSL1000001	A



Beam 23: End 1: 2: PERM	0.0000	0.0000	2.3418	-21.7391	-59.2142	0.0000	
Beam 23: End 1: 3: SPTSX	0.0000	0.0000	-63.7367	95.0104	9.4298	0.0000	
Beam 23: End 1: 4: SPTDX	0.0000	0.0000	-27.0753	-88.0195	-33.7834	0.0000	
Beam 23: End 1: 5: SPTW	0.0000	0.0000	-3.7490	-4.9796	-2.7165	0.0000	
Beam 23: End 1: 6: ACC_LM71	0.0000	0.0000	-0.0311	-83.7592	-165.8343	0.0000	
Beam 23: End 1: 7: ACC_SW2	0.0000	0.0000	-0.0258	-69.3288	-137.2636	0.0000	
Beam 23: End 1: 8: SPACCSX_LM71	0.0000	0.0000	-27.2366	71.2656	10.4664	0.0000	
Beam 23: End 1: 9: SPACCDX_LM71	0.0000	0.0000	-18.1165	-57.9787	-21.7800	0.0000	
Beam 23: End 1: 10: SPACCSX_SW2	0.0000	0.0000	-22.5443	58.9969	8.6656	0.0000	
Beam 23: End 1: 11: SPACCDX_SW2	0.0000	0.0000	-14.9980	-47.9983	-18.0307	0.0000	
Beam 23: End 1: 12: AVV_LM71	0.0000	0.0000	32.9299	101.7410	36.4083	0.0000	
Beam 23: End 1: 13: FREN_SW2	0.0000	0.0000	31.7350	98.0493	35.0872	0.0000	
Beam 23: End 1: 14: SERP	0.0000	0.0000	0.1002	0.3095	0.1107	0.0000	
Beam 23: End 1: 15: TERM	0.0000	0.0000	-12.9347	-5.5620	10.8279	0.0000	
Beam 23: End 1: 16: RITIRO	0.0000	0.0000	9.6579	4.1529	-8.0848	0.0000	
Beam 23: End 1: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Beam 23: End 1: 18: SISMA_H	0.0000	0.0000	37.0036	162.6923	53.9200	0.0000	
Beam 23: End 1: 19: SISMA_V	0.0000	0.0000	-0.0034	-9.1445	-18.1051	0.0000	
Beam 23: End 1: 20: SPSSX	0.0000	0.0000	-61.3824	135.0180	16.9371	0.0000	
Beam 23: End 1: 21: SPSSDX	0.0000	0.0000	-33.4044	-107.3881	-40.5723	0.0000	
Beam 23: End 1: 22: SLU01 [Combination 1]	0.0000	0.0000	-31.4349	137.4035	-386.6359	0.0000	
Beam 23: End 1: 23: SLU02 [Combination 2]	0.0000	0.0000	31.2889	44.0577	-421.2590	0.0000	
Beam 23: End 1: 24: SLU03 [Combination 3]	0.0000	0.0000	6.7460	32.3256	-402.7629	0.0000	
Beam 23: End 1: 25: SLU04 [Combination 4]	0.0000	0.0000	-55.0549	168.9143	-384.2863	0.0000	
Beam 23: End 1: 26: SLU05 [Combination 5]	0.0000	0.0000	-64.5313	138.1075	-396.1105	0.0000	
Beam 23: End 1: 27: SLU06 [Combination 6]	0.0000	0.0000	-112.2345	112.0338	-208.4428	0.0000	
Beam 23: End 1: 28: SLU07 [Combination 7]	0.0000	0.0000	-43.4137	173.9201	-394.0313	0.0000	
Beam 23: End 1: 29: SLU08 [Combination 8]	0.0000	0.0000	-117.2558	143.7048	-141.5385	0.0000	
Beam 23: End 1: 30: SLU09 [Combination 9]	0.0000	0.0000	-102.8551	21.3676	-437.0350	0.0000	
Beam 23: End 1: 31: SLU10 [Combination 10]	0.0000	0.0000	-53.5169	-220.0855	-518.4071	0.0000	

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto IN17</p>	<p>Lotto 12</p>	<p>Codifica EI2CLSL1000001</p>	<p>A</p>

Beam 23: End 1: 32: SLU11 [Combination 11]	0.0000	0.0000	-51.0816	-50.0112	-481.1818	0.0000
Beam 23: End 1: 33: SLU12 [Combination 12]	0.0000	0.0000	-89.8858	-66.6971	-448.6982	0.0000
Beam 23: End 1: 34: SLU13 [Combination 13]	0.0000	0.0000	-26.3559	135.1850	-349.7352	0.0000
Beam 23: End 1: 35: SLU14 [Combination 14]	0.0000	0.0000	29.5641	59.6288	-381.7471	0.0000
Beam 23: End 1: 36: SLU15 [Combination 15]	0.0000	0.0000	5.0212	47.8966	-363.2510	0.0000
Beam 23: End 1: 37: SLU16 [Combination 16]	0.0000	0.0000	-49.9759	166.6958	-347.3856	0.0000
Beam 23: End 1: 38: SLU17 [Combination 17]	0.0000	0.0000	-59.4523	135.8889	-359.2098	0.0000
Beam 23: End 1: 39: SLU18 [Combination 18]	0.0000	0.0000	-105.4307	94.2442	-211.0540	0.0000
Beam 23: End 1: 40: SLU19 [Combination 19]	0.0000	0.0000	-38.3347	171.7015	-357.1306	0.0000
Beam 23: End 1: 41: SLU20 [Combination 20]	0.0000	0.0000	-110.4520	125.9152	-144.1497	0.0000
Beam 23: End 1: 42: SLU21 [Combination 21]	0.0000	0.0000	-96.0434	24.5021	-398.2187	0.0000
Beam 23: End 1: 43: SLU22 [Combination 22]	0.0000	0.0000	-48.9873	-184.6898	-471.5431	0.0000
Beam 23: End 1: 44: SLU23 [Combination 23]	0.0000	0.0000	-45.6308	-43.3187	-441.8432	0.0000
Beam 23: End 1: 45: SLU24 [Combination 24]	0.0000	0.0000	-84.4349	-60.0046	-409.3596	0.0000
Beam 23: End 1: 46: SLU25 [Combination 25]	0.0000	0.0000	-79.6502	92.9243	-411.4795	0.0000
Beam 23: End 1: 47: SLU26 [Combination 26]	0.0000	0.0000	-72.8386	96.0588	-372.6632	0.0000
Beam 23: End 1: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	-33.2869	86.2032	-188.4389	0.0000
Beam 23: End 1: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	-33.2848	91.6899	-177.5758	0.0000
Beam 23: End 1: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	-135.2721	3.2247	-238.7695	0.0000
Beam 23: End 1: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	-135.2700	8.7114	-227.9064	0.0000
Beam 23: End 1: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	-35.8087	41.0891	-210.4559	0.0000
Beam 23: End 1: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	-35.8019	59.3781	-174.2456	0.0000
Beam 23: End 1: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	-66.4043	16.1956	-225.5551	0.0000

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto IN17</p>	<p>Lotto 12</p>	<p>Codifica EI2CLSL1000001</p>	<p>A</p>



Beam 23: End 1: 55: SLU_SISMA08 [Combination 34] 0.0000	0.0000	0.0000	-66.3975	34.4846	-189.3448
Beam 23: End 1: 56: SLU_SISMA09 [Combination 35] 0.0000	0.0000	0.0000	-32.5863	85.8972	-183.3492
Beam 23: End 1: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	-32.5843	91.3839	-172.4861
Beam 23: End 1: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	-134.5715	2.9187	-233.6798
Beam 23: End 1: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	-134.5695	8.4054	-222.8167
Beam 23: End 1: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	-35.1081	40.7831	-205.3661
Beam 23: End 1: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	-35.1013	59.0721	-169.1559
Beam 23: End 1: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	-65.7037	15.8896	-220.4653
Beam 23: End 1: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	-65.6969	34.1786	-184.2551
Beam 23: End 1: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	-109.0332	-125.5745	-336.4061
Beam 23: End 1: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	-71.8670	30.5368	-265.1593
Beam 23: End 1: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	-26.7792	105.3509	-262.0569
Beam 23: End 1: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	-101.8244	-112.9073	-310.9339
Beam 23: End 1: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	-66.5700	37.2971	-241.8009
Beam 23: End 1: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	-23.9770	104.1269	-241.6979
Beam 23: End 1: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	-52.2669	66.6405	-296.5180

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto IN17</p>	<p>Lotto 12</p>	<p>Codifica EI2CLSL1000001</p>	<p>A</p>



Beam 23: End 1: 71: SLE_RARA08 [Combination 50]	0.0000	0.0000	-47.5693	68.8023	-269.7481	
0.0000						
Beam 23: End 1: 72: SLE_QPERM01 [Combination 51]	0.0000	0.0000	-54.1428	8.8589	-159.0644	
0.0000						
Beam 23: End 1: 73: SLE_FREQ01 [Combination 52]	0.0000	0.0000	-50.8224	60.1929	-267.3641	
0.0000						
Beam 23: End 1: 74: SLE_FREQ02 [Combination 53]	0.0000	0.0000	-47.0643	61.9223	-245.9482	
0.0000						
Beam 23: End 1: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	135.2721	220.0855	518.4071	
0.0000						
Beam 23: End 1: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	117.2558	220.0855	518.4071	
0.0000						
Beam 23: End 1: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	135.2721	91.6899	238.7695	
0.0000						
Beam 23: End 1: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	109.0332	125.5745	336.4061	
0.0000						
Beam 23: End 1: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	50.8224	61.9223	267.3641	
0.0000						
Beam 23: End 1: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	54.1428	8.8589	159.0644	
0.0000						
Beam 23: End 2: 1: PP	0.0000	0.0000	38.0766	56.0019	-55.1220	0.0000
Beam 23: End 2: 2: PERM	0.0000	0.0000	2.3418	-20.0531	-59.2142	0.0000
Beam 23: End 2: 3: SPTSX	0.0000	0.0000	-76.0127	44.4630	9.4298	0.0000
Beam 23: End 2: 4: SPTDX	0.0000	0.0000	-27.0753	-107.5138	-33.7834	0.0000
Beam 23: End 2: 5: SPTW	0.0000	0.0000	-3.7490	-7.6789	-2.7165	0.0000
Beam 23: End 2: 6: ACC_LM71	0.0000	0.0000	-0.0311	-83.7816	-165.8343	0.0000
Beam 23: End 2: 7: ACC_SW2	0.0000	0.0000	-0.0258	-69.3473	-137.2636	0.0000
Beam 23: End 2: 8: SPACCSX_LM71	0.0000	0.0000	-40.1966	46.9896	10.4664	0.0000
Beam 23: End 2: 9: SPACCDX_LM71	0.0000	0.0000	-18.1165	-71.0225	-21.7800	0.0000
Beam 23: End 2: 10: SPACCSX_SW2	0.0000	0.0000	-33.2723	38.9029	8.6656	0.0000
Beam 23: End 2: 11: SPACCDX_SW2	0.0000	0.0000	-14.9980	-58.7968	-18.0307	0.0000
Beam 23: End 2: 12: AVV_LM71	0.0000	0.0000	32.9299	125.4506	36.4083	0.0000

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		Progetto	Lotto	Codifica	
		IN17	12	EI2CLSL1000001	A

Beam 23: End 2: 13: FREN_SW2	0.0000	0.0000	31.7350	120.8985	35.0872	0.0000	
Beam 23: End 2: 14: SERP	0.0000	0.0000	0.1002	0.3816	0.1107	0.0000	
Beam 23: End 2: 15: TERM	0.0000	0.0000	-12.9347	-14.8750	10.8279	0.0000	
Beam 23: End 2: 16: RITIRO	0.0000	0.0000	9.6579	11.1066	-8.0848	0.0000	
Beam 23: End 2: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Beam 23: End 2: 18: SISMA_H	0.0000	0.0000	33.0220	187.9015	53.9200	0.0000	
Beam 23: End 2: 19: SISMA_V	0.0000	0.0000	-0.0034	-9.1469	-18.1051	0.0000	
Beam 23: End 2: 20: SPSSX	0.0000	0.0000	-88.4544	81.0768	16.9371	0.0000	
Beam 23: End 2: 21: SPSDX	0.0000	0.0000	-33.4044	-131.4393	-40.5723	0.0000	
Beam 23: End 2: 22: SLU01 [Combination 1]	0.0000	0.0000	-62.5029	103.3483	-362.7976	0.0000	
Beam 23: End 2: 23: SLU02 [Combination 2]	0.0000	0.0000	19.0129	61.9288	-397.4207	0.0000	
Beam 23: End 2: 24: SLU03 [Combination 3]	0.0000	0.0000	-5.5300	32.5257	-378.9246	0.0000	
Beam 23: End 2: 25: SLU04 [Combination 4]	0.0000	0.0000	-90.4195	116.2227	-360.4480	0.0000	
Beam 23: End 2: 26: SLU05 [Combination 5]	0.0000	0.0000	-99.8959	78.5929	-372.2722	0.0000	
Beam 23: End 2: 27: SLU06 [Combination 6]	0.0000	0.0000	-147.5991	18.1729	-184.6045	0.0000	
Beam 23: End 2: 28: SLU07 [Combination 7]	0.0000	0.0000	-78.7783	129.6102	-370.1930	0.0000	
Beam 23: End 2: 29: SLU08 [Combination 8]	0.0000	0.0000	-152.6204	46.2286	-123.8805	0.0000	
Beam 23: End 2: 30: SLU09 [Combination 9]	0.0000	0.0000	-138.2197	-65.7401	-413.1967	0.0000	
Beam 23: End 2: 31: SLU10 [Combination 10]	0.0000	0.0000	-65.7929	-263.2746	-494.5688	0.0000	
Beam 23: End 2: 32: SLU11 [Combination 11]	0.0000	0.0000	-78.3912	-96.8590	-457.3435	0.0000	
Beam 23: End 2: 33: SLU12 [Combination 12]	0.0000	0.0000	-117.1954	-141.4839	-424.8599	0.0000	
Beam 23: End 2: 34: SLU13 [Combination 13]	0.0000	0.0000	-54.1875	105.9518	-325.8969	0.0000	
Beam 23: End 2: 35: SLU14 [Combination 14]	0.0000	0.0000	17.2881	76.2580	-357.9088	0.0000	
Beam 23: End 2: 36: SLU15 [Combination 15]	0.0000	0.0000	-7.2548	46.8549	-339.4127	0.0000	
Beam 23: End 2: 37: SLU16 [Combination 16]	0.0000	0.0000	-82.1041	118.8262	-323.5473	0.0000	
Beam 23: End 2: 38: SLU17 [Combination 17]	0.0000	0.0000	-91.5805	81.1964	-335.3715	0.0000	
Beam 23: End 2: 39: SLU18 [Combination 18]	0.0000	0.0000	-137.5589	6.4472	-187.2157	0.0000	
Beam 23: End 2: 40: SLU19 [Combination 19]	0.0000	0.0000	-70.4629	132.2137	-333.2923	0.0000	
Beam 23: End 2: 41: SLU20 [Combination 20]	0.0000	0.0000	-142.5802	34.5029	-126.4917	0.0000	
Beam 23: End 2: 42: SLU21 [Combination 21]	0.0000	0.0000	-128.1716	-56.5361	-374.3804	0.0000	

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto</p> <p>IN17</p>	<p>Lotto</p> <p>12</p>	<p>Codifica</p> <p>EI2CLSL1000001</p>	<p>A</p>

Beam 23: End 2: 43: SLU22 [Combination 22]	0.0000	0.0000	-61.2633	-224.6176	-447.7048	0.0000
Beam 23: End 2: 44: SLU23 [Combination 23]	0.0000	0.0000	-70.3512	-85.3098	-418.0049	0.0000
Beam 23: End 2: 45: SLU24 [Combination 24]	0.0000	0.0000	-109.1554	-129.9348	-385.5213	0.0000
Beam 23: End 2: 46: SLU25 [Combination 25]	0.0000	0.0000	-115.0148	22.5241	-387.6412	0.0000
Beam 23: End 2: 47: SLU26 [Combination 26]	0.0000	0.0000	-104.9668	31.7281	-348.8249	0.0000
Beam 23: End 2: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	-52.1365	55.2132	-170.7809	0.0000
Beam 23: End 2: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	-52.1344	60.7014	-159.9178	0.0000
Beam 23: End 2: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	-173.2305	-108.0738	-221.1115	0.0000
Beam 23: End 2: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	-173.2284	-102.5856	-210.2484	0.0000
Beam 23: End 2: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	-51.8712	9.2868	-192.7979	0.0000
Beam 23: End 2: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	-51.8644	27.5807	-156.5876	0.0000
Beam 23: End 2: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	-88.1994	-39.6993	-207.8971	0.0000
Beam 23: End 2: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	-88.1926	-21.4054	-171.6868	0.0000
Beam 23: End 2: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	-50.9895	55.5723	-165.6912	0.0000
Beam 23: End 2: 57: SLU_SISMA10 [Combination 36]	0.0000	0.0000	-50.9875	61.0605	-154.8281	0.0000
Beam 23: End 2: 58: SLU_SISMA11 [Combination 37]	0.0000	0.0000	-172.0835	-107.7147	-216.0218	0.0000
Beam 23: End 2: 59: SLU_SISMA12 [Combination 38]	0.0000	0.0000	-172.0815	-102.2265	-205.1587	0.0000
Beam 23: End 2: 60: SLU_SISMA13 [Combination 39]	0.0000	0.0000	-50.7242	9.6459	-187.7081	0.0000

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto IN17</p>	<p>Lotto 12</p>	<p>Codifica EI2CLSL1000001</p>	<p>A</p>

Beam 23: End 2: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	-50.7174	27.9398	-151.4979
Beam 23: End 2: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	-87.0524	-39.3402	-202.8073
Beam 23: End 2: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	-87.0456	-21.0463	-166.5971
Beam 23: End 2: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	-131.6772	-212.4679	-318.7481
Beam 23: End 2: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	-94.5110	-29.5969	-247.5013
Beam 23: End 2: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	-49.4232	77.6805	-244.3989
Beam 23: End 2: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	-122.6828	-193.9675	-293.2759
Beam 23: End 2: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	-87.4284	-18.3799	-224.1429
Beam 23: End 2: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	-44.8354	79.1169	-224.0399
Beam 23: End 2: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	-77.5029	19.6858	-278.8600
Beam 23: End 2: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	-70.5733	26.0334	-252.0901
Beam 23: End 2: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	-66.4188	-34.7808	-141.4064
Beam 23: End 2: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	-73.4664	15.2114	-249.7061
Beam 23: End 2: 74: SLE_FREQ02 [Combination 53] 0.0000	0.0000	0.0000	-67.9227	20.2894	-228.2902
Beam 23: End 2: 75: SLU/SLV [Absolute Envelope 1] 0.0000	0.0000	0.0000	173.2305	263.2746	494.5688
Beam 23: End 2: 76: SLU [Absolute Envelope 2] 0.0000	0.0000	0.0000	152.6204	263.2746	494.5688

GENERAL CONTRACTOR 		ALTA SORVEGLIANZA 			
		Progetto	Lotto	Codifica	
		IN17	12	EI2CLSL1000001	A

Beam 23: End 2: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	173.2305	108.0738	221.1115	
0.0000						
Beam 23: End 2: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	131.6772	212.4679	318.7481	
0.0000						
Beam 23: End 2: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	73.4664	20.2894	249.7061	
0.0000						
Beam 23: End 2: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	66.4188	34.7808	141.4064	
0.0000						
Beam 24: End 1: 1: PP	0.0000	0.0000	38.0766	56.0019	-55.1220	0.0000
Beam 24: End 1: 2: PERM	0.0000	0.0000	2.3418	-20.0531	-59.2142	0.0000
Beam 24: End 1: 3: SPTSX	0.0000	0.0000	-76.0127	44.4630	9.4298	0.0000
Beam 24: End 1: 4: SPTDX	0.0000	0.0000	-27.0753	-107.5138	-33.7834	0.0000
Beam 24: End 1: 5: SPTW	0.0000	0.0000	-3.7490	-7.6789	-2.7165	0.0000
Beam 24: End 1: 6: ACC_LM71	0.0000	0.0000	-0.0311	-83.7816	-165.8343	0.0000
Beam 24: End 1: 7: ACC_SW2	0.0000	0.0000	-0.0258	-69.3473	-137.2636	0.0000
Beam 24: End 1: 8: SPACCSX_LM71	0.0000	0.0000	-40.1966	46.9896	10.4664	0.0000
Beam 24: End 1: 9: SPACCDX_LM71	0.0000	0.0000	-18.1165	-71.0225	-21.7800	0.0000
Beam 24: End 1: 10: SPACCSX_SW2	0.0000	0.0000	-33.2723	38.9029	8.6656	0.0000
Beam 24: End 1: 11: SPACCDX_SW2	0.0000	0.0000	-14.9980	-58.7968	-18.0307	0.0000
Beam 24: End 1: 12: AVV_LM71	0.0000	0.0000	32.9299	125.4506	36.4083	0.0000
Beam 24: End 1: 13: FREN_SW2	0.0000	0.0000	31.7350	120.8985	35.0872	0.0000
Beam 24: End 1: 14: SERP	0.0000	0.0000	0.1002	0.3816	0.1107	0.0000
Beam 24: End 1: 15: TERM	0.0000	0.0000	-12.9347	-14.8750	10.8279	0.0000
Beam 24: End 1: 16: RITIRO	0.0000	0.0000	9.6579	11.1066	-8.0848	0.0000
Beam 24: End 1: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Beam 24: End 1: 18: SISMA_H	0.0000	0.0000	33.0220	187.9015	53.9200	0.0000
Beam 24: End 1: 19: SISMA_V	0.0000	0.0000	-0.0034	-9.1469	-18.1051	0.0000
Beam 24: End 1: 20: SPSSX	0.0000	0.0000	-88.4544	81.0768	16.9371	0.0000
Beam 24: End 1: 21: SPSDX	0.0000	0.0000	-33.4044	-131.4393	-40.5723	0.0000
Beam 24: End 1: 22: SLU01 [Combination 1]	0.0000	0.0000	-62.5029	103.3483	-362.7976	0.0000
Beam 24: End 1: 23: SLU02 [Combination 2]	0.0000	0.0000	19.0129	61.9288	-397.4207	0.0000

GENERAL CONTRACTOR 		ALTA SORVEGLIANZA 			
		Progetto	Lotto	Codifica	
		IN17	12	EI2CLSL1000001	A



Beam 24: End 1: 24: SLU03 [Combination 3]	0.0000	0.0000	-5.5300	32.5257	-378.9246	0.0000
Beam 24: End 1: 25: SLU04 [Combination 4]	0.0000	0.0000	-90.4195	116.2227	-360.4480	0.0000
Beam 24: End 1: 26: SLU05 [Combination 5]	0.0000	0.0000	-99.8959	78.5929	-372.2722	0.0000
Beam 24: End 1: 27: SLU06 [Combination 6]	0.0000	0.0000	-147.5991	18.1729	-184.6045	0.0000
Beam 24: End 1: 28: SLU07 [Combination 7]	0.0000	0.0000	-78.7783	129.6102	-370.1930	0.0000
Beam 24: End 1: 29: SLU08 [Combination 8]	0.0000	0.0000	-152.6204	46.2286	-123.8805	0.0000
Beam 24: End 1: 30: SLU09 [Combination 9]	0.0000	0.0000	-138.2197	-65.7401	-413.1967	0.0000
Beam 24: End 1: 31: SLU10 [Combination 10]	0.0000	0.0000	-65.7929	-263.2746	-494.5688	0.0000
Beam 24: End 1: 32: SLU11 [Combination 11]	0.0000	0.0000	-78.3912	-96.8590	-457.3435	0.0000
Beam 24: End 1: 33: SLU12 [Combination 12]	0.0000	0.0000	-117.1954	-141.4839	-424.8599	0.0000
Beam 24: End 1: 34: SLU13 [Combination 13]	0.0000	0.0000	-54.1875	105.9518	-325.8969	0.0000
Beam 24: End 1: 35: SLU14 [Combination 14]	0.0000	0.0000	17.2881	76.2580	-357.9088	0.0000
Beam 24: End 1: 36: SLU15 [Combination 15]	0.0000	0.0000	-7.2548	46.8549	-339.4127	0.0000
Beam 24: End 1: 37: SLU16 [Combination 16]	0.0000	0.0000	-82.1041	118.8262	-323.5473	0.0000
Beam 24: End 1: 38: SLU17 [Combination 17]	0.0000	0.0000	-91.5805	81.1964	-335.3715	0.0000
Beam 24: End 1: 39: SLU18 [Combination 18]	0.0000	0.0000	-137.5589	6.4472	-187.2157	0.0000
Beam 24: End 1: 40: SLU19 [Combination 19]	0.0000	0.0000	-70.4629	132.2137	-333.2923	0.0000
Beam 24: End 1: 41: SLU20 [Combination 20]	0.0000	0.0000	-142.5802	34.5029	-126.4917	0.0000
Beam 24: End 1: 42: SLU21 [Combination 21]	0.0000	0.0000	-128.1716	-56.5361	-374.3804	0.0000
Beam 24: End 1: 43: SLU22 [Combination 22]	0.0000	0.0000	-61.2633	-224.6176	-447.7048	0.0000
Beam 24: End 1: 44: SLU23 [Combination 23]	0.0000	0.0000	-70.3512	-85.3098	-418.0049	0.0000
Beam 24: End 1: 45: SLU24 [Combination 24]	0.0000	0.0000	-109.1554	-129.9348	-385.5213	0.0000
Beam 24: End 1: 46: SLU25 [Combination 25]	0.0000	0.0000	-115.0148	22.5241	-387.6412	0.0000
Beam 24: End 1: 47: SLU26 [Combination 26]	0.0000	0.0000	-104.9668	31.7281	-348.8249	0.0000
Beam 24: End 1: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	-52.1365	55.2132	-170.7809	0.0000
Beam 24: End 1: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	-52.1344	60.7014	-159.9178	0.0000
Beam 24: End 1: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	-173.2305	-108.0738	-221.1115	0.0000

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto IN17</p>	<p>Lotto 12</p>	<p>Codifica EI2CLSL1000001</p>	<p>A</p>



Beam 24: End 1: 51: SLU_SISMA04 [Combination 30] 0.0000	0.0000	0.0000	-173.2284	-102.5856	-210.2484
Beam 24: End 1: 52: SLU_SISMA05 [Combination 31] 0.0000	0.0000	0.0000	-51.8712	9.2868	-192.7979
Beam 24: End 1: 53: SLU_SISMA06 [Combination 32] 0.0000	0.0000	0.0000	-51.8644	27.5807	-156.5876
Beam 24: End 1: 54: SLU_SISMA07 [Combination 33] 0.0000	0.0000	0.0000	-88.1994	-39.6993	-207.8971
Beam 24: End 1: 55: SLU_SISMA08 [Combination 34] 0.0000	0.0000	0.0000	-88.1926	-21.4054	-171.6868
Beam 24: End 1: 56: SLU_SISMA09 [Combination 35] 0.0000	0.0000	0.0000	-50.9895	55.5723	-165.6912
Beam 24: End 1: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	-50.9875	61.0605	-154.8281
Beam 24: End 1: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	-172.0835	-107.7147	-216.0218
Beam 24: End 1: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	-172.0815	-102.2265	-205.1587
Beam 24: End 1: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	-50.7242	9.6459	-187.7081
Beam 24: End 1: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	-50.7174	27.9398	-151.4979
Beam 24: End 1: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	-87.0524	-39.3402	-202.8073
Beam 24: End 1: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	-87.0456	-21.0463	-166.5971
Beam 24: End 1: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	-131.6772	-212.4679	-318.7481
Beam 24: End 1: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	-94.5110	-29.5969	-247.5013
Beam 24: End 1: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	-49.4232	77.6805	-244.3989

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto</p> <p>IN17</p>	<p>Lotto</p> <p>12</p>	<p>Codifica</p> <p>EI2CLSL1000001</p>	<p>A</p>

Beam 24: End 1: 67: SLE_RARA04 [Combination 46]	0.0000	0.0000	-122.6828	-193.9675	-293.2759	
0.0000						
Beam 24: End 1: 68: SLE_RARA05 [Combination 47]	0.0000	0.0000	-87.4284	-18.3799	-224.1429	
0.0000						
Beam 24: End 1: 69: SLE_RARA06 [Combination 48]	0.0000	0.0000	-44.8354	79.1169	-224.0399	
0.0000						
Beam 24: End 1: 70: SLE_RARA07 [Combination 49]	0.0000	0.0000	-77.5029	19.6858	-278.8600	
0.0000						
Beam 24: End 1: 71: SLE_RARA08 [Combination 50]	0.0000	0.0000	-70.5733	26.0334	-252.0901	
0.0000						
Beam 24: End 1: 72: SLE_QPERM01 [Combination 51]	0.0000	0.0000	-66.4188	-34.7808	-141.4064	
0.0000						
Beam 24: End 1: 73: SLE_FREQ01 [Combination 52]	0.0000	0.0000	-73.4664	15.2114	-249.7061	
0.0000						
Beam 24: End 1: 74: SLE_FREQ02 [Combination 53]	0.0000	0.0000	-67.9227	20.2894	-228.2902	
0.0000						
Beam 24: End 1: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	173.2305	263.2746	494.5688	
0.0000						
Beam 24: End 1: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	152.6204	263.2746	494.5688	
0.0000						
Beam 24: End 1: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	173.2305	108.0738	221.1115	
0.0000						
Beam 24: End 1: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	131.6772	212.4679	318.7481	
0.0000						
Beam 24: End 1: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	73.4664	20.2894	249.7061	
0.0000						
Beam 24: End 1: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	66.4188	34.7808	141.4064	
0.0000						
Beam 24: End 2: 1: PP	0.0000	0.0000	38.0766	65.5210	-48.9908	0.0000
Beam 24: End 2: 2: PERM	0.0000	0.0000	2.3418	-19.4676	-59.2142	0.0000
Beam 24: End 2: 3: SPTSX	0.0000	0.0000	-79.3377	25.0338	9.4298	0.0000
Beam 24: End 2: 4: SPTDX	0.0000	0.0000	-27.0753	-114.2826	-33.7834	0.0000

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto IN17</p>	<p>Lotto 12</p>	<p>Codifica EI2CLSL1000001</p>	<p>A</p>

Beam 24: End 2: 5: SPTW	0.0000	0.0000	-3.7490	-8.6161	-2.7165	0.0000	
Beam 24: End 2: 6: ACC_LM71	0.0000	0.0000	-0.0311	-83.7894	-165.8343	0.0000	
Beam 24: End 2: 7: ACC_SW2	0.0000	0.0000	-0.0258	-69.3538	-137.2636	0.0000	
Beam 24: End 2: 8: SPACCSX_LM71	0.0000	0.0000	-44.6966	36.3780	10.4664	0.0000	
Beam 24: End 2: 9: SPACCDX_LM71	0.0000	0.0000	-18.1165	-75.5517	-21.7800	0.0000	
Beam 24: End 2: 10: SPACCSX_SW2	0.0000	0.0000	-36.9973	30.1192	8.6656	0.0000	
Beam 24: End 2: 11: SPACCDX_SW2	0.0000	0.0000	-14.9980	-62.5463	-18.0307	0.0000	
Beam 24: End 2: 12: AVV_LM71	0.0000	0.0000	32.9299	133.6830	36.4083	0.0000	
Beam 24: End 2: 13: FREN_SW2	0.0000	0.0000	31.7350	128.8322	35.0872	0.0000	
Beam 24: End 2: 14: SERP	0.0000	0.0000	0.1002	0.4066	0.1107	0.0000	
Beam 24: End 2: 15: TERM	0.0000	0.0000	-12.9347	-18.1087	10.8279	0.0000	
Beam 24: End 2: 16: RITIRO	0.0000	0.0000	9.6579	13.5211	-8.0848	0.0000	
Beam 24: End 2: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Beam 24: End 2: 18: SISMA_H	0.0000	0.0000	31.6395	195.9842	53.9200	0.0000	
Beam 24: End 2: 19: SISMA_V	0.0000	0.0000	-0.0034	-9.1478	-18.1051	0.0000	
Beam 24: End 2: 20: SPSSX	0.0000	0.0000	-97.8544	57.7882	16.9371	0.0000	
Beam 24: End 2: 21: SPSDX	0.0000	0.0000	-33.4044	-139.7904	-40.5723	0.0000	
Beam 24: End 2: 22: SLU01 [Combination 1]	0.0000	0.0000	-72.3529	86.4809	-354.5204	0.0000	
Beam 24: End 2: 23: SLU02 [Combination 2]	0.0000	0.0000	15.6879	66.2560	-389.1435	0.0000	
Beam 24: End 2: 24: SLU03 [Combination 3]	0.0000	0.0000	-8.8550	30.7172	-370.6475	0.0000	
Beam 24: End 2: 25: SLU04 [Combination 4]	0.0000	0.0000	-101.4333	92.2271	-352.1708	0.0000	
Beam 24: End 2: 26: SLU05 [Combination 5]	0.0000	0.0000	-110.9097	52.2282	-363.9950	0.0000	
Beam 24: End 2: 27: SLU06 [Combination 6]	0.0000	0.0000	-158.6129	-20.1176	-176.3274	0.0000	
Beam 24: End 2: 28: SLU07 [Combination 7]	0.0000	0.0000	-89.7920	108.5249	-361.9159	0.0000	
Beam 24: End 2: 29: SLU08 [Combination 8]	0.0000	0.0000	-163.6342	6.6827	-117.7493	0.0000	
Beam 24: End 2: 30: SLU09 [Combination 9]	0.0000	0.0000	-149.2334	-101.6858	-404.9196	0.0000	
Beam 24: End 2: 31: SLU10 [Combination 10]	0.0000	0.0000	-69.1179	-280.1489	-486.2916	0.0000	
Beam 24: End 2: 32: SLU11 [Combination 11]	0.0000	0.0000	-86.9362	-117.5353	-449.0663	0.0000	
Beam 24: End 2: 33: SLU12 [Combination 12]	0.0000	0.0000	-125.7404	-171.8613	-416.5827	0.0000	
Beam 24: End 2: 34: SLU13 [Combination 13]	0.0000	0.0000	-62.9137	91.3037	-317.6197	0.0000	

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto</p> <p>IN17</p>	<p>Lotto</p> <p>12</p>	<p>Codifica</p> <p>EI2CLSL1000001</p>	<p>A</p>

Beam 24: End 2: 35: SLU14 [Combination 14]	0.0000	0.0000	13.9631	80.1539	-349.6316	0.0000
Beam 24: End 2: 36: SLU15 [Combination 15]	0.0000	0.0000	-10.5798	44.6151	-331.1356	0.0000
Beam 24: End 2: 37: SLU16 [Combination 16]	0.0000	0.0000	-91.9941	97.0499	-315.2701	0.0000
Beam 24: End 2: 38: SLU17 [Combination 17]	0.0000	0.0000	-101.4705	57.0510	-327.0943	0.0000
Beam 24: End 2: 39: SLU18 [Combination 18]	0.0000	0.0000	-147.4489	-29.1928	-178.9386	0.0000
Beam 24: End 2: 40: SLU19 [Combination 19]	0.0000	0.0000	-80.3529	113.3477	-325.0152	0.0000
Beam 24: End 2: 41: SLU20 [Combination 20]	0.0000	0.0000	-152.4702	-2.3925	-120.3605	0.0000
Beam 24: End 2: 42: SLU21 [Combination 21]	0.0000	0.0000	-138.0616	-89.8293	-366.1032	0.0000
Beam 24: End 2: 43: SLU22 [Combination 22]	0.0000	0.0000	-64.5883	-240.3594	-439.4276	0.0000
Beam 24: End 2: 44: SLU23 [Combination 23]	0.0000	0.0000	-77.9972	-103.8638	-409.7278	0.0000
Beam 24: End 2: 45: SLU24 [Combination 24]	0.0000	0.0000	-116.8014	-158.1898	-377.2441	0.0000
Beam 24: End 2: 46: SLU25 [Combination 25]	0.0000	0.0000	-126.0285	-7.6204	-379.3641	0.0000
Beam 24: End 2: 47: SLU26 [Combination 26]	0.0000	0.0000	-114.8568	4.2361	-340.5477	0.0000
Beam 24: End 2: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	-57.7440	41.4678	-164.6497	0.0000
Beam 24: End 2: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	-57.7419	46.9564	-153.7866	0.0000
Beam 24: End 2: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	-185.4730	-152.9221	-214.9803	0.0000
Beam 24: End 2: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	-185.4709	-147.4335	-204.1172	0.0000
Beam 24: End 2: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	-56.5109	-4.2714	-186.6667	0.0000
Beam 24: End 2: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	-56.5041	14.0242	-150.4564	0.0000
Beam 24: End 2: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	-94.8296	-62.5884	-201.7658	0.0000
Beam 24: End 2: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	-94.8228	-44.2928	-165.5556	0.0000
Beam 24: End 2: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	-56.4420	42.1330	-159.5599	0.0000

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
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Beam 24: End 2: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	-56.4400	47.6217	-148.6968
Beam 24: End 2: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	-184.1710	-152.2569	-209.8905
Beam 24: End 2: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	-184.1690	-146.7682	-199.0274
Beam 24: End 2: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	-55.2090	-3.6062	-181.5769
Beam 24: End 2: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	-55.2022	14.6894	-145.3666
Beam 24: End 2: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	-93.5277	-61.9231	-196.6761
Beam 24: End 2: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	-93.5209	-43.6276	-160.4658
Beam 24: End 2: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	-138.6022	-246.2632	-312.6169
Beam 24: End 2: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	-101.4360	-54.1007	-241.3701
Beam 24: End 2: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	-56.3482	64.4486	-238.2677
Beam 24: End 2: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	-128.9878	-225.4367	-287.1447
Beam 24: End 2: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	-93.7334	-41.0356	-218.0117
Beam 24: End 2: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	-51.1404	67.1095	-217.9087
Beam 24: End 2: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	-85.3279	-0.6785	-272.7288
Beam 24: End 2: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	-77.6233	7.4984	-245.9589
Beam 24: End 2: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	-69.7438	-51.8115	-135.2752

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto IN17</p>	<p>Lotto 12</p>	<p>Codifica EI2CLSL1000001</p>	<p>A</p>

Beam 24: End 2: 73: SLE_FREQ01 [Combination 52]	0.0000	0.0000	-80.3914	-4.0313	-243.5748		
0.0000							
Beam 24: End 2: 74: SLE_FREQ02 [Combination 53]	0.0000	0.0000	-74.2277	2.5102	-222.1589		
0.0000							
Beam 24: End 2: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	185.4730	280.1489	486.2916		
0.0000							
Beam 24: End 2: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	163.6342	280.1489	486.2916		
0.0000							
Beam 24: End 2: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	185.4730	152.9221	214.9803		
0.0000							
Beam 24: End 2: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	138.6022	246.2632	312.6169		
0.0000							
Beam 24: End 2: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	80.3914	4.0313	243.5748		
0.0000							
Beam 24: End 2: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	69.7438	51.8115	135.2752		
0.0000							
Beam 25: End 1: 1: PP	0.0000	0.0000	38.0766	65.5210	-48.9908	0.0000	
Beam 25: End 1: 2: PERM	0.0000	0.0000	2.3418	-19.4676	-59.2142	0.0000	
Beam 25: End 1: 3: SPTSX	0.0000	0.0000	-79.3377	25.0338	9.4298	0.0000	
Beam 25: End 1: 4: SPTDX	0.0000	0.0000	-27.0753	-114.2826	-33.7834	0.0000	
Beam 25: End 1: 5: SPTW	0.0000	0.0000	-3.7490	-8.6161	-2.7165	0.0000	
Beam 25: End 1: 6: ACC_LM71	0.0000	0.0000	-0.0311	-83.7894	-165.8343	0.0000	
Beam 25: End 1: 7: ACC_SW2	0.0000	0.0000	-0.0258	-69.3538	-137.2636	0.0000	
Beam 25: End 1: 8: SPACCSX_LM71	0.0000	0.0000	-44.6966	36.3780	10.4664	0.0000	
Beam 25: End 1: 9: SPACCDX_LM71	0.0000	0.0000	-18.1165	-75.5517	-21.7800	0.0000	
Beam 25: End 1: 10: SPACCSX_SW2	0.0000	0.0000	-36.9973	30.1192	8.6656	0.0000	
Beam 25: End 1: 11: SPACCDX_SW2	0.0000	0.0000	-14.9980	-62.5463	-18.0307	0.0000	
Beam 25: End 1: 12: AVV_LM71	0.0000	0.0000	32.9299	133.6830	36.4083	0.0000	
Beam 25: End 1: 13: FREN_SW2	0.0000	0.0000	31.7350	128.8322	35.0872	0.0000	
Beam 25: End 1: 14: SERP	0.0000	0.0000	0.1002	0.4066	0.1107	0.0000	
Beam 25: End 1: 15: TERM	0.0000	0.0000	-12.9347	-18.1087	10.8279	0.0000	

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto</p> <p>IN17</p>	<p>Lotto</p> <p>12</p>	<p>Codifica</p> <p>EI2CLSL1000001</p>	<p>A</p>



Beam 25: End 1: 16: RITIRO	0.0000	0.0000	9.6579	13.5211	-8.0848	0.0000	
Beam 25: End 1: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Beam 25: End 1: 18: SISMA_H	0.0000	0.0000	31.6395	195.9842	53.9200	0.0000	
Beam 25: End 1: 19: SISMA_V	0.0000	0.0000	-0.0034	-9.1478	-18.1051	0.0000	
Beam 25: End 1: 20: SPSSX	0.0000	0.0000	-97.8544	57.7882	16.9371	0.0000	
Beam 25: End 1: 21: SPSPDX	0.0000	0.0000	-33.4044	-139.7904	-40.5723	0.0000	
Beam 25: End 1: 22: SLU01 [Combination 1]	0.0000	0.0000	-72.3529	86.4809	-354.5204	0.0000	
Beam 25: End 1: 23: SLU02 [Combination 2]	0.0000	0.0000	15.6879	66.2560	-389.1435	0.0000	
Beam 25: End 1: 24: SLU03 [Combination 3]	0.0000	0.0000	-8.8550	30.7172	-370.6475	0.0000	
Beam 25: End 1: 25: SLU04 [Combination 4]	0.0000	0.0000	-101.4333	92.2271	-352.1708	0.0000	
Beam 25: End 1: 26: SLU05 [Combination 5]	0.0000	0.0000	-110.9097	52.2282	-363.9950	0.0000	
Beam 25: End 1: 27: SLU06 [Combination 6]	0.0000	0.0000	-158.6129	-20.1176	-176.3274	0.0000	
Beam 25: End 1: 28: SLU07 [Combination 7]	0.0000	0.0000	-89.7920	108.5249	-361.9159	0.0000	
Beam 25: End 1: 29: SLU08 [Combination 8]	0.0000	0.0000	-163.6342	6.6827	-117.7493	0.0000	
Beam 25: End 1: 30: SLU09 [Combination 9]	0.0000	0.0000	-149.2334	-101.6858	-404.9196	0.0000	
Beam 25: End 1: 31: SLU10 [Combination 10]	0.0000	0.0000	-69.1179	-280.1489	-486.2916	0.0000	
Beam 25: End 1: 32: SLU11 [Combination 11]	0.0000	0.0000	-86.9362	-117.5353	-449.0663	0.0000	
Beam 25: End 1: 33: SLU12 [Combination 12]	0.0000	0.0000	-125.7404	-171.8613	-416.5827	0.0000	
Beam 25: End 1: 34: SLU13 [Combination 13]	0.0000	0.0000	-62.9137	91.3037	-317.6197	0.0000	
Beam 25: End 1: 35: SLU14 [Combination 14]	0.0000	0.0000	13.9631	80.1539	-349.6316	0.0000	
Beam 25: End 1: 36: SLU15 [Combination 15]	0.0000	0.0000	-10.5798	44.6151	-331.1356	0.0000	
Beam 25: End 1: 37: SLU16 [Combination 16]	0.0000	0.0000	-91.9941	97.0499	-315.2701	0.0000	
Beam 25: End 1: 38: SLU17 [Combination 17]	0.0000	0.0000	-101.4705	57.0510	-327.0943	0.0000	
Beam 25: End 1: 39: SLU18 [Combination 18]	0.0000	0.0000	-147.4489	-29.1928	-178.9386	0.0000	
Beam 25: End 1: 40: SLU19 [Combination 19]	0.0000	0.0000	-80.3529	113.3477	-325.0152	0.0000	
Beam 25: End 1: 41: SLU20 [Combination 20]	0.0000	0.0000	-152.4702	-2.3925	-120.3605	0.0000	
Beam 25: End 1: 42: SLU21 [Combination 21]	0.0000	0.0000	-138.0616	-89.8293	-366.1032	0.0000	
Beam 25: End 1: 43: SLU22 [Combination 22]	0.0000	0.0000	-64.5883	-240.3594	-439.4276	0.0000	
Beam 25: End 1: 44: SLU23 [Combination 23]	0.0000	0.0000	-77.9972	-103.8638	-409.7278	0.0000	
Beam 25: End 1: 45: SLU24 [Combination 24]	0.0000	0.0000	-116.8014	-158.1898	-377.2441	0.0000	

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto</p> <p>IN17</p>	<p>Lotto</p> <p>12</p>	<p>Codifica</p> <p>EI2CLSL1000001</p>	<p>A</p>



Beam 25: End 1: 46: SLU25 [Combination 25]	0.0000	0.0000	-126.0285	-7.6204	-379.3641	0.0000
Beam 25: End 1: 47: SLU26 [Combination 26]	0.0000	0.0000	-114.8568	4.2361	-340.5477	0.0000
Beam 25: End 1: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	-57.7440	41.4678	-164.6497	0.0000
Beam 25: End 1: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	-57.7419	46.9564	-153.7866	0.0000
Beam 25: End 1: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	-185.4730	-152.9221	-214.9803	0.0000
Beam 25: End 1: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	-185.4709	-147.4335	-204.1172	0.0000
Beam 25: End 1: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	-56.5109	-4.2714	-186.6667	0.0000
Beam 25: End 1: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	-56.5041	14.0242	-150.4564	0.0000
Beam 25: End 1: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	-94.8296	-62.5884	-201.7658	0.0000
Beam 25: End 1: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	-94.8228	-44.2928	-165.5556	0.0000
Beam 25: End 1: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	-56.4420	42.1330	-159.5599	0.0000
Beam 25: End 1: 57: SLU_SISMA10 [Combination 36]	0.0000	0.0000	-56.4400	47.6217	-148.6968	0.0000
Beam 25: End 1: 58: SLU_SISMA11 [Combination 37]	0.0000	0.0000	-184.1710	-152.2569	-209.8905	0.0000
Beam 25: End 1: 59: SLU_SISMA12 [Combination 38]	0.0000	0.0000	-184.1690	-146.7682	-199.0274	0.0000
Beam 25: End 1: 60: SLU_SISMA13 [Combination 39]	0.0000	0.0000	-55.2090	-3.6062	-181.5769	0.0000
Beam 25: End 1: 61: SLU_SISMA14 [Combination 40]	0.0000	0.0000	-55.2022	14.6894	-145.3666	0.0000
Beam 25: End 1: 62: SLU_SISMA15 [Combination 41]	0.0000	0.0000	-93.5277	-61.9231	-196.6761	0.0000

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto IN17</p>	<p>Lotto 12</p>	<p>Codifica EI2CLSL1000001</p>	<p>A</p>

Beam 25: End 1: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	-93.5209	-43.6276	-160.4658
Beam 25: End 1: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	-138.6022	-246.2632	-312.6169
Beam 25: End 1: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	-101.4360	-54.1007	-241.3701
Beam 25: End 1: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	-56.3482	64.4486	-238.2677
Beam 25: End 1: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	-128.9878	-225.4367	-287.1447
Beam 25: End 1: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	-93.7334	-41.0356	-218.0117
Beam 25: End 1: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	-51.1404	67.1095	-217.9087
Beam 25: End 1: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	-85.3279	-0.6785	-272.7288
Beam 25: End 1: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	-77.6233	7.4984	-245.9589
Beam 25: End 1: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	-69.7438	-51.8115	-135.2752
Beam 25: End 1: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	-80.3914	-4.0313	-243.5748
Beam 25: End 1: 74: SLE_FREQ02 [Combination 53] 0.0000	0.0000	0.0000	-74.2277	2.5102	-222.1589
Beam 25: End 1: 75: SLU/SLV [Absolute Envelope 1] 0.0000	0.0000	0.0000	185.4730	280.1489	486.2916
Beam 25: End 1: 76: SLU [Absolute Envelope 2] 0.0000	0.0000	0.0000	163.6342	280.1489	486.2916
Beam 25: End 1: 77: SLV [Absolute Envelope 3] 0.0000	0.0000	0.0000	185.4730	152.9221	214.9803
Beam 25: End 1: 78: SLE R [Absolute Envelope 4] 0.0000	0.0000	0.0000	138.6022	246.2632	312.6169

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		Progetto	Lotto	Codifica	
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Beam 25: End 1: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	80.3914	4.0313	243.5748	
0.0000						
Beam 25: End 1: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	69.7438	51.8115	135.2752	
0.0000						
Beam 25: End 2: 1: PP	0.0000	0.0000	38.0766	75.0402	-42.8595	0.0000
Beam 25: End 2: 2: PERM	0.0000	0.0000	2.3418	-18.8822	-59.2142	0.0000
Beam 25: End 2: 3: SPTSX	0.0000	0.0000	-82.1752	4.8348	9.4298	0.0000
Beam 25: End 2: 4: SPTDX	0.0000	0.0000	-27.0753	-121.0514	-33.7834	0.0000
Beam 25: End 2: 5: SPTW	0.0000	0.0000	-3.7490	-9.5534	-2.7165	0.0000
Beam 25: End 2: 6: ACC_LM71	0.0000	0.0000	-0.0311	-83.7972	-165.8343	0.0000
Beam 25: End 2: 7: ACC_SW2	0.0000	0.0000	-0.0258	-69.3602	-137.2636	0.0000
Beam 25: End 2: 8: SPACCSX_LM71	0.0000	0.0000	-49.1966	24.6413	10.4664	0.0000
Beam 25: End 2: 9: SPACCDX_LM71	0.0000	0.0000	-18.1165	-80.0808	-21.7800	0.0000
Beam 25: End 2: 10: SPACCSX_SW2	0.0000	0.0000	-40.7223	20.4043	8.6656	0.0000
Beam 25: End 2: 11: SPACCDX_SW2	0.0000	0.0000	-14.9980	-66.2958	-18.0307	0.0000
Beam 25: End 2: 12: AVV_LM71	0.0000	0.0000	32.9299	141.9155	36.4083	0.0000
Beam 25: End 2: 13: FREN_SW2	0.0000	0.0000	31.7350	136.7660	35.0872	0.0000
Beam 25: End 2: 14: SERP	0.0000	0.0000	0.1002	0.4317	0.1107	0.0000
Beam 25: End 2: 15: TERM	0.0000	0.0000	-12.9347	-21.3423	10.8279	0.0000
Beam 25: End 2: 16: RITIRO	0.0000	0.0000	9.6579	15.9356	-8.0848	0.0000
Beam 25: End 2: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Beam 25: End 2: 18: SISMA_H	0.0000	0.0000	30.2570	203.7213	53.9200	0.0000
Beam 25: End 2: 19: SISMA_V	0.0000	0.0000	-0.0034	-9.1486	-18.1051	0.0000
Beam 25: End 2: 20: SPSSX	0.0000	0.0000	-107.2544	32.1496	16.9371	0.0000
Beam 25: End 2: 21: SPSDX	0.0000	0.0000	-33.4044	-148.1415	-40.5723	0.0000
Beam 25: End 2: 22: SLU01 [Combination 1]	0.0000	0.0000	-81.7154	67.2125	-346.2432	0.0000
Beam 25: End 2: 23: SLU02 [Combination 2]	0.0000	0.0000	12.8504	69.8134	-380.8663	0.0000
Beam 25: End 2: 24: SLU03 [Combination 3]	0.0000	0.0000	-11.6925	28.1388	-362.3703	0.0000
Beam 25: End 2: 25: SLU04 [Combination 4]	0.0000	0.0000	-111.7889	65.5609	-343.8936	0.0000
Beam 25: End 2: 26: SLU05 [Combination 5]	0.0000	0.0000	-121.2653	23.1929	-355.7178	0.0000
Beam 25: End 2: 27: SLU06 [Combination 6]	0.0000	0.0000	-168.9685	-61.0787	-168.0502	0.0000

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto</p> <p>IN17</p>	<p>Lotto</p> <p>12</p>	<p>Codifica</p> <p>EI2CLSL1000001</p>	<p>A</p>



Beam 25: End 2: 28: SLU07 [Combination 7]	0.0000	0.0000	-100.1477	84.7690	-353.6387	0.0000
Beam 25: End 2: 29: SLU08 [Combination 8]	0.0000	0.0000	-173.9898	-35.5336	-111.6180	0.0000
Beam 25: End 2: 30: SLU09 [Combination 9]	0.0000	0.0000	-159.5890	-140.3019	-396.6424	0.0000
Beam 25: End 2: 31: SLU10 [Combination 10]	0.0000	0.0000	-71.9554	-297.7929	-478.0144	0.0000
Beam 25: End 2: 32: SLU11 [Combination 11]	0.0000	0.0000	-94.9937	-140.2865	-440.7891	0.0000
Beam 25: End 2: 33: SLU12 [Combination 12]	0.0000	0.0000	-133.7979	-204.3135	-408.3055	0.0000
Beam 25: End 2: 34: SLU13 [Combination 13]	0.0000	0.0000	-71.1525	74.5355	-309.3425	0.0000
Beam 25: End 2: 35: SLU14 [Combination 14]	0.0000	0.0000	11.1256	83.2801	-341.3544	0.0000
Beam 25: End 2: 36: SLU15 [Combination 15]	0.0000	0.0000	-13.4173	41.6056	-322.8584	0.0000
Beam 25: End 2: 37: SLU16 [Combination 16]	0.0000	0.0000	-101.2260	72.8840	-306.9929	0.0000
Beam 25: End 2: 38: SLU17 [Combination 17]	0.0000	0.0000	-110.7024	30.5160	-318.8171	0.0000
Beam 25: End 2: 39: SLU18 [Combination 18]	0.0000	0.0000	-156.6807	-67.2224	-170.6614	0.0000
Beam 25: End 2: 40: SLU19 [Combination 19]	0.0000	0.0000	-89.5847	92.0921	-316.7380	0.0000
Beam 25: End 2: 41: SLU20 [Combination 20]	0.0000	0.0000	-161.7021	-41.6773	-114.2292	0.0000
Beam 25: End 2: 42: SLU21 [Combination 21]	0.0000	0.0000	-147.2935	-125.5120	-357.8260	0.0000
Beam 25: End 2: 43: SLU22 [Combination 22]	0.0000	0.0000	-67.4258	-256.8711	-431.1504	0.0000
Beam 25: End 2: 44: SLU23 [Combination 23]	0.0000	0.0000	-85.1557	-124.2678	-401.4506	0.0000
Beam 25: End 2: 45: SLU24 [Combination 24]	0.0000	0.0000	-123.9599	-188.2948	-368.9670	0.0000
Beam 25: End 2: 46: SLU25 [Combination 25]	0.0000	0.0000	-136.3842	-40.4353	-371.0869	0.0000
Beam 25: End 2: 47: SLU26 [Combination 26]	0.0000	0.0000	-124.0886	-25.6454	-332.2705	0.0000
Beam 25: End 2: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	-62.8640	26.3819	-158.5184	0.0000
Beam 25: End 2: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	-62.8619	31.8711	-147.6553	0.0000
Beam 25: End 2: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	-197.2280	-200.7697	-208.8490	0.0000
Beam 25: End 2: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	-197.2259	-195.2805	-197.9859	0.0000
Beam 25: End 2: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	-60.6632	-18.9280	-180.5354	0.0000

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
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Beam 25: End 2: 53: SLU_SISMA06 [Combination 32] 0.0000	0.0000	0.0000	-60.6564	-0.6308	-144.3251
Beam 25: End 2: 54: SLU_SISMA07 [Combination 33] 0.0000	0.0000	0.0000	-100.9724	-87.0735	-195.6346
Beam 25: End 2: 55: SLU_SISMA08 [Combination 34] 0.0000	0.0000	0.0000	-100.9656	-68.7762	-159.4243
Beam 25: End 2: 56: SLU_SISMA09 [Combination 35] 0.0000	0.0000	0.0000	-61.4070	27.3920	-153.4287
Beam 25: End 2: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	-61.4050	32.8811	-142.5656
Beam 25: End 2: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	-195.7710	-199.7596	-203.7593
Beam 25: End 2: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	-195.7690	-194.2704	-192.8962
Beam 25: End 2: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	-59.2062	-17.9180	-175.4456
Beam 25: End 2: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	-59.1994	0.3793	-139.2354
Beam 25: End 2: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	-99.5154	-86.0634	-190.5448
Beam 25: End 2: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	-99.5086	-67.7661	-154.3346
Beam 25: End 2: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	-145.0397	-281.7284	-306.4856
Beam 25: End 2: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	-107.8735	-80.2743	-235.2388
Beam 25: End 2: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	-62.7857	49.5470	-232.1364
Beam 25: End 2: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	-134.8053	-258.4208	-281.0134
Beam 25: End 2: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	-99.5509	-65.2060	-211.8804

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Beam 25: End 2: 69: SLE_RARA06 [Combination 48]	0.0000	0.0000	-56.9579	53.5873	-211.7774	
0.0000						
Beam 25: End 2: 70: SLE_RARA07 [Combination 49]	0.0000	0.0000	-92.6654	-22.9376	-266.5975	
0.0000						
Beam 25: End 2: 71: SLE_RARA08 [Combination 50]	0.0000	0.0000	-84.1858	-12.7376	-239.8276	
0.0000						
Beam 25: End 2: 72: SLE_QPERM01 [Combination 51]	0.0000	0.0000	-72.5813	-69.6121	-129.1439	
0.0000						
Beam 25: End 2: 73: SLE_FREQ01 [Combination 52]	0.0000	0.0000	-86.8289	-24.9437	-237.4436	
0.0000						
Beam 25: End 2: 74: SLE_FREQ02 [Combination 53]	0.0000	0.0000	-80.0452	-16.7838	-216.0277	
0.0000						
Beam 25: End 2: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	197.2280	297.7929	478.0144	
0.0000						
Beam 25: End 2: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	173.9898	297.7929	478.0144	
0.0000						
Beam 25: End 2: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	197.2280	200.7697	208.8490	
0.0000						
Beam 25: End 2: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	145.0397	281.7284	306.4856	
0.0000						
Beam 25: End 2: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	86.8289	24.9437	237.4436	
0.0000						
Beam 25: End 2: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	72.5813	69.6121	129.1439	
0.0000						
Beam 26: End 1: 1: PP	0.0000	0.0000	-38.0766	-201.0148	-220.6658	0.0000
Beam 26: End 1: 2: PERM	0.0000	0.0000	-2.3418	-35.8601	-59.2142	0.0000
Beam 26: End 1: 3: SPTSX	0.0000	0.0000	27.0753	75.2448	-33.7834	0.0000
Beam 26: End 1: 4: SPTDX	0.0000	0.0000	-189.9038	-158.5503	9.4298	0.0000
Beam 26: End 1: 5: SPTW	0.0000	0.0000	-2.0941	10.5177	-3.0756	0.0000
Beam 26: End 1: 6: ACC_LM71	0.0000	0.0000	0.0311	-83.5714	-165.8343	0.0000
Beam 26: End 1: 7: ACC_SW2	0.0000	0.0000	0.0258	-69.1733	-137.2636	0.0000
Beam 26: End 1: 8: SPACCSX_LM71	0.0000	0.0000	18.1165	51.2637	-21.7800	0.0000

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Beam 26: End 1: 9: SPACCDX_LM71	0.0000	0.0000	-81.3034	-91.7458	10.4664	0.0000
Beam 26: End 1: 10: SPACCSX_SW2	0.0000	0.0000	14.9980	42.4395	-18.0307	0.0000
Beam 26: End 1: 11: SPACCDX_SW2	0.0000	0.0000	-67.3027	-75.9497	8.6656	0.0000
Beam 26: End 1: 12: AVV_LM71	0.0000	0.0000	32.9299	96.8263	-36.4083	0.0000
Beam 26: End 1: 13: FREN_SW2	0.0000	0.0000	31.7350	93.3129	-35.0872	0.0000
Beam 26: End 1: 14: SERP	0.0000	0.0000	0.1002	0.2945	-0.1107	0.0000
Beam 26: End 1: 15: TERM	0.0000	0.0000	12.9347	72.4344	10.8279	0.0000
Beam 26: End 1: 16: RITIRO	0.0000	0.0000	-9.6579	-54.0843	-8.0848	0.0000
Beam 26: End 1: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Beam 26: End 1: 18: SISMA_H	0.0000	0.0000	70.3495	160.9773	-53.9200	0.0000
Beam 26: End 1: 19: SISMA_V	0.0000	0.0000	0.0034	-9.1240	-18.1051	0.0000
Beam 26: End 1: 20: SPSSX	0.0000	0.0000	33.4044	94.0405	-40.5723	0.0000
Beam 26: End 1: 21: SPSDX	0.0000	0.0000	-165.3456	-178.4309	16.9371	0.0000
Beam 26: End 1: 22: SLU01 [Combination 1]	0.0000	0.0000	-145.7761	-304.3959	-738.9822	0.0000
Beam 26: End 1: 23: SLU02 [Combination 2]	0.0000	0.0000	-195.2757	-508.8204	-726.8480	0.0000
Beam 26: End 1: 24: SLU03 [Combination 3]	0.0000	0.0000	-172.7779	-375.0471	-708.4776	0.0000
Beam 26: End 1: 25: SLU04 [Combination 4]	0.0000	0.0000	-137.0327	-274.3791	-751.8828	0.0000
Beam 26: End 1: 26: SLU05 [Combination 5]	0.0000	0.0000	-203.4990	-329.8716	-748.5824	0.0000
Beam 26: End 1: 27: SLU06 [Combination 6]	0.0000	0.0000	-251.2925	-349.0913	-455.3306	0.0000
Beam 26: End 1: 28: SLU07 [Combination 7]	0.0000	0.0000	-148.6739	-339.5700	-761.6279	0.0000
Beam 26: End 1: 29: SLU08 [Combination 8]	0.0000	0.0000	-170.3285	-205.3135	-351.7909	0.0000
Beam 26: End 1: 30: SLU09 [Combination 9]	0.0000	0.0000	-184.7293	-414.4875	-699.0474	0.0000
Beam 26: End 1: 31: SLU10 [Combination 10]	0.0000	0.0000	-428.1133	-834.0614	-656.6557	0.0000
Beam 26: End 1: 32: SLU11 [Combination 11]	0.0000	0.0000	-296.9691	-685.0248	-703.5935	0.0000
Beam 26: End 1: 33: SLU12 [Combination 12]	0.0000	0.0000	-258.1649	-467.7216	-671.1099	0.0000
Beam 26: End 1: 34: SLU13 [Combination 13]	0.0000	0.0000	-152.0383	-301.4083	-690.2026	0.0000
Beam 26: End 1: 35: SLU14 [Combination 14]	0.0000	0.0000	-197.0161	-493.0377	-683.5049	0.0000
Beam 26: End 1: 36: SLU15 [Combination 15]	0.0000	0.0000	-174.5183	-359.2644	-665.1345	0.0000
Beam 26: End 1: 37: SLU16 [Combination 16]	0.0000	0.0000	-143.2949	-271.3914	-703.1032	0.0000
Beam 26: End 1: 38: SLU17 [Combination 17]	0.0000	0.0000	-209.7612	-326.8840	-699.8028	0.0000

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Beam 26: End 1: 39: SLU18 [Combination 18]	0.0000	0.0000	-255.8143	-361.8864	-449.8942	0.0000
Beam 26: End 1: 40: SLU19 [Combination 19]	0.0000	0.0000	-154.9361	-336.5824	-712.8483	0.0000
Beam 26: End 1: 41: SLU20 [Combination 20]	0.0000	0.0000	-174.8503	-218.1086	-346.3545	0.0000
Beam 26: End 1: 42: SLU21 [Combination 21]	0.0000	0.0000	-189.2589	-406.4054	-652.1835	0.0000
Beam 26: End 1: 43: SLU22 [Combination 22]	0.0000	0.0000	-407.8201	-790.2799	-617.8394	0.0000
Beam 26: End 1: 44: SLU23 [Combination 23]	0.0000	0.0000	-300.5943	-674.3836	-657.8168	0.0000
Beam 26: End 1: 45: SLU24 [Combination 24]	0.0000	0.0000	-261.7902	-457.0805	-625.3332	0.0000
Beam 26: End 1: 46: SLU25 [Combination 25]	0.0000	0.0000	-161.6279	-346.6984	-724.6895	0.0000
Beam 26: End 1: 47: SLU26 [Combination 26]	0.0000	0.0000	-166.1575	-338.6162	-677.8256	0.0000
Beam 26: End 1: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	-306.2457	-407.2513	-408.0270	0.0000
Beam 26: End 1: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	-306.2477	-401.7769	-397.1639	0.0000
Beam 26: End 1: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	-248.1947	-456.7346	-357.6964	0.0000
Beam 26: End 1: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	-248.1967	-451.2602	-346.8333	0.0000
Beam 26: End 1: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	-239.7460	-401.4206	-394.8125	0.0000
Beam 26: End 1: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	-239.7528	-383.1726	-358.6023	0.0000
Beam 26: End 1: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	-222.3307	-416.2655	-379.7133	0.0000
Beam 26: End 1: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	-222.3375	-398.0176	-343.5031	0.0000
Beam 26: End 1: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	-307.1094	-406.8392	-401.2987	0.0000
Beam 26: End 1: 57: SLU_SISMA10 [Combination 36]	0.0000	0.0000	-307.1115	-401.3648	-390.4357	0.0000
Beam 26: End 1: 58: SLU_SISMA11 [Combination 37]	0.0000	0.0000	-249.0584	-456.3225	-350.9681	0.0000

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
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Beam 26: End 1: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	-249.0605	-450.8481	-340.1051
Beam 26: End 1: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	-240.6098	-401.0085	-388.0843
Beam 26: End 1: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	-240.6166	-382.7605	-351.8740
Beam 26: End 1: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	-223.1945	-415.8535	-372.9851
Beam 26: End 1: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	-223.2013	-397.6055	-336.7749
Beam 26: End 1: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	-289.9702	-529.8272	-426.3976
Beam 26: End 1: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	-221.7607	-287.9838	-471.6575
Beam 26: End 1: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	-143.9168	-323.8827	-502.9948
Beam 26: End 1: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	-280.3128	-509.9205	-403.0392
Beam 26: End 1: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	-214.0152	-273.6986	-446.1853
Beam 26: End 1: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	-147.3718	-322.2343	-476.0820
Beam 26: End 1: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	-141.0056	-306.7700	-520.9606
Beam 26: End 1: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	-144.1295	-301.1961	-488.6406
Beam 26: End 1: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	-205.3408	-309.6627	-307.3093
Beam 26: End 1: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	-146.0572	-301.0499	-479.3525
Beam 26: End 1: 74: SLE_FREQ02 [Combination 53] 0.0000	0.0000	0.0000	-148.5563	-296.5908	-453.4965

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Beam 26: End 1: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	428.1133	834.0614	761.6279		
0.0000							
Beam 26: End 1: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	428.1133	834.0614	761.6279		
0.0000							
Beam 26: End 1: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	307.1115	456.7346	408.0270		
0.0000							
Beam 26: End 1: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	289.9702	529.8272	520.9606		
0.0000							
Beam 26: End 1: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	148.5563	301.0499	479.3525		
0.0000							
Beam 26: End 1: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	205.3408	309.6627	307.3093		
0.0000							
Beam 26: End 2: 1: PP	0.0000	0.0000	-38.0766	-210.5340	-226.7970	0.0000	
Beam 26: End 2: 2: PERM	0.0000	0.0000	-2.3418	-36.4456	-59.2142	0.0000	
Beam 26: End 2: 3: SPTSX	0.0000	0.0000	27.0753	82.0137	-33.7834	0.0000	
Beam 26: End 2: 4: SPTDX	0.0000	0.0000	-204.9288	-207.8991	9.4298	0.0000	
Beam 26: End 2: 5: SPTW	0.0000	0.0000	-4.9316	9.6525	-3.0756	0.0000	
Beam 26: End 2: 6: ACC_LM71	0.0000	0.0000	0.0311	-83.5636	-165.8343	0.0000	
Beam 26: End 2: 7: ACC_SW2	0.0000	0.0000	0.0258	-69.1669	-137.2636	0.0000	
Beam 26: End 2: 8: SPACCSX_LM71	0.0000	0.0000	18.1165	55.7928	-21.7800	0.0000	
Beam 26: End 2: 9: SPACCDX_LM71	0.0000	0.0000	-85.8034	-112.6341	10.4664	0.0000	
Beam 26: End 2: 10: SPACCSX_SW2	0.0000	0.0000	14.9980	46.1890	-18.0307	0.0000	
Beam 26: End 2: 11: SPACCDX_SW2	0.0000	0.0000	-71.0277	-93.2411	8.6656	0.0000	
Beam 26: End 2: 12: AVV_LM71	0.0000	0.0000	32.9299	105.0588	-36.4083	0.0000	
Beam 26: End 2: 13: FREN_SW2	0.0000	0.0000	31.7350	101.2467	-35.0872	0.0000	
Beam 26: End 2: 14: SERP	0.0000	0.0000	0.1002	0.3195	-0.1107	0.0000	
Beam 26: End 2: 15: TERM	0.0000	0.0000	12.9347	75.6681	10.8279	0.0000	
Beam 26: End 2: 16: RITIRO	0.0000	0.0000	-9.6579	-56.4988	-8.0848	0.0000	
Beam 26: End 2: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Beam 26: End 2: 18: SISMA_H	0.0000	0.0000	71.7320	178.7375	-53.9200	0.0000	
Beam 26: End 2: 19: SISMA_V	0.0000	0.0000	0.0034	-9.1231	-18.1051	0.0000	

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		Progetto	Lotto	Codifica	
		IN17	12	EI2CLSL1000001	A

Beam 26: End 2: 20: SPSSX	0.0000	0.0000	33.4044	102.3916	-40.5723	0.0000	
Beam 26: End 2: 21: SPSPDX	0.0000	0.0000	-174.7456	-220.9423	16.9371	0.0000	
Beam 26: End 2: 22: SLU01 [Combination 1]	0.0000	0.0000	-163.6386	-343.0545	-747.2593	0.0000	
Beam 26: End 2: 23: SLU02 [Combination 2]	0.0000	0.0000	-213.1382	-559.8539	-735.1252	0.0000	
Beam 26: End 2: 24: SLU03 [Combination 3]	0.0000	0.0000	-191.6335	-420.5757	-716.7548	0.0000	
Beam 26: End 2: 25: SLU04 [Combination 4]	0.0000	0.0000	-155.8883	-310.9714	-760.1600	0.0000	
Beam 26: End 2: 26: SLU05 [Combination 5]	0.0000	0.0000	-227.6133	-383.7361	-756.8596	0.0000	
Beam 26: End 2: 27: SLU06 [Combination 6]	0.0000	0.0000	-275.4069	-414.9042	-463.6078	0.0000	
Beam 26: End 2: 28: SLU07 [Combination 7]	0.0000	0.0000	-167.5295	-379.0726	-769.9051	0.0000	
Beam 26: End 2: 29: SLU08 [Combination 8]	0.0000	0.0000	-189.1841	-250.2298	-357.9222	0.0000	
Beam 26: End 2: 30: SLU09 [Combination 9]	0.0000	0.0000	-203.5849	-463.0040	-707.3246	0.0000	
Beam 26: End 2: 31: SLU10 [Combination 10]	0.0000	0.0000	-458.7527	-944.8950	-664.9329	0.0000	
Beam 26: End 2: 32: SLU11 [Combination 11]	0.0000	0.0000	-321.0834	-762.2567	-711.8707	0.0000	
Beam 26: End 2: 33: SLU12 [Combination 12]	0.0000	0.0000	-282.2793	-535.2526	-679.3871	0.0000	
Beam 26: End 2: 34: SLU13 [Combination 13]	0.0000	0.0000	-169.9008	-341.6325	-698.4798	0.0000	
Beam 26: End 2: 35: SLU14 [Combination 14]	0.0000	0.0000	-214.8786	-544.5063	-691.7821	0.0000	
Beam 26: End 2: 36: SLU15 [Combination 15]	0.0000	0.0000	-193.3739	-405.2281	-673.4117	0.0000	
Beam 26: End 2: 37: SLU16 [Combination 16]	0.0000	0.0000	-162.1505	-309.5493	-711.3804	0.0000	
Beam 26: End 2: 38: SLU17 [Combination 17]	0.0000	0.0000	-233.8756	-382.3140	-708.0800	0.0000	
Beam 26: End 2: 39: SLU18 [Combination 18]	0.0000	0.0000	-279.9287	-428.8297	-458.1713	0.0000	
Beam 26: End 2: 40: SLU19 [Combination 19]	0.0000	0.0000	-173.7917	-377.6505	-721.1255	0.0000	
Beam 26: End 2: 41: SLU20 [Combination 20]	0.0000	0.0000	-193.7060	-264.1553	-352.4857	0.0000	
Beam 26: End 2: 42: SLU21 [Combination 21]	0.0000	0.0000	-208.1145	-456.0543	-660.4606	0.0000	
Beam 26: End 2: 43: SLU22 [Combination 22]	0.0000	0.0000	-437.3357	-895.8998	-626.1166	0.0000	
Beam 26: End 2: 44: SLU23 [Combination 23]	0.0000	0.0000	-324.7087	-752.5219	-666.0940	0.0000	
Beam 26: End 2: 45: SLU24 [Combination 24]	0.0000	0.0000	-285.9045	-525.5177	-633.6104	0.0000	
Beam 26: End 2: 46: SLU25 [Combination 25]	0.0000	0.0000	-180.4835	-389.4395	-732.9667	0.0000	
Beam 26: End 2: 47: SLU26 [Combination 26]	0.0000	0.0000	-185.0131	-382.4898	-686.1028	0.0000	
Beam 26: End 2: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	-332.1257	-487.0294	-414.1582	0.0000	

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Beam 26: End 2: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	-332.1277	-481.5556	-403.2951
0.0000					
Beam 26: End 2: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	-267.4397	-521.1706	-363.8276
0.0000					
Beam 26: End 2: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	-267.4417	-515.6967	-352.9645
0.0000					
Beam 26: End 2: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	-260.0138	-463.8723	-400.9438
0.0000					
Beam 26: End 2: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	-260.0206	-445.6260	-364.7335
0.0000					
Beam 26: End 2: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	-240.6080	-474.1147	-385.8446
0.0000					
Beam 26: End 2: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	-240.6148	-455.8684	-349.6343
0.0000					
Beam 26: End 2: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	-332.9894	-486.8333	-407.4300
0.0000					
Beam 26: End 2: 57: SLU_SISMA10 [Combination 36]	0.0000	0.0000	-332.9915	-481.3594	-396.5669
0.0000					
Beam 26: End 2: 58: SLU_SISMA11 [Combination 37]	0.0000	0.0000	-268.3034	-520.9745	-357.0994
0.0000					
Beam 26: End 2: 59: SLU_SISMA12 [Combination 38]	0.0000	0.0000	-268.3055	-515.5006	-346.2363
0.0000					
Beam 26: End 2: 60: SLU_SISMA13 [Combination 39]	0.0000	0.0000	-260.8775	-463.6762	-394.2156
0.0000					
Beam 26: End 2: 61: SLU_SISMA14 [Combination 40]	0.0000	0.0000	-260.8843	-445.4299	-358.0053
0.0000					
Beam 26: End 2: 62: SLU_SISMA15 [Combination 41]	0.0000	0.0000	-241.4717	-473.9185	-379.1164
0.0000					
Beam 26: End 2: 63: SLU_SISMA16 [Combination 42]	0.0000	0.0000	-241.4785	-455.6722	-342.9061
0.0000					
Beam 26: End 2: 64: SLE_RARA01 [Combination 43]	0.0000	0.0000	-311.4327	-604.9843	-432.5289
0.0000					

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Beam 26: End 2: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	-243.2232	-346.0886	-477.7888
Beam 26: End 2: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	-158.7743	-361.7019	-509.1261
Beam 26: End 2: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	-301.1553	-582.5858	-409.1704
Beam 26: End 2: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	-234.8577	-329.7895	-452.3165
Beam 26: End 2: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	-162.2293	-360.9173	-482.2132
Beam 26: End 2: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	-155.8631	-343.8614	-527.0918
Beam 26: End 2: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	-158.9870	-339.0685	-494.7718
Beam 26: End 2: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	-223.2033	-363.2125	-313.4405
Beam 26: End 2: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	-160.9147	-339.4042	-485.4837
Beam 26: End 2: 74: SLE_FREQ02 [Combination 53] 0.0000	0.0000	0.0000	-163.4138	-335.5698	-459.6278
Beam 26: End 2: 75: SLU/SLV [Absolute Envelope 1] 0.0000	0.0000	0.0000	458.7527	944.8950	769.9051
Beam 26: End 2: 76: SLU [Absolute Envelope 2] 0.0000	0.0000	0.0000	458.7527	944.8950	769.9051
Beam 26: End 2: 77: SLV [Absolute Envelope 3] 0.0000	0.0000	0.0000	332.9915	521.1706	414.1582
Beam 26: End 2: 78: SLE R [Absolute Envelope 4] 0.0000	0.0000	0.0000	311.4327	604.9843	527.0918
Beam 26: End 2: 79: SLE F [Absolute Envelope 5] 0.0000	0.0000	0.0000	163.4138	339.4042	485.4837
Beam 26: End 2: 80: SLE QP [Absolute Envelope 6] 0.0000	0.0000	0.0000	223.2033	363.2125	313.4405
Beam 27: End 1: 1: PP	0.0000	0.0000	-38.0766	-191.4957	-214.5345
				0.0000	

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Beam 27: End 1: 2: PERM	0.0000	0.0000	-2.3418	-35.2747	-59.2142	0.0000	
Beam 27: End 1: 3: SPTSX	0.0000	0.0000	27.0753	68.4760	-33.7834	0.0000	
Beam 27: End 1: 4: SPTDX	0.0000	0.0000	-175.1163	-112.9275	9.4298	0.0000	
Beam 27: End 1: 5: SPTW	0.0000	0.0000	0.1184	10.7516	-3.0756	0.0000	
Beam 27: End 1: 6: ACC_LM71	0.0000	0.0000	0.0311	-83.5792	-165.8343	0.0000	
Beam 27: End 1: 7: ACC_SW2	0.0000	0.0000	0.0258	-69.1798	-137.2636	0.0000	
Beam 27: End 1: 8: SPACCSX_LM71	0.0000	0.0000	18.1165	46.7345	-21.7800	0.0000	
Beam 27: End 1: 9: SPACCDX_LM71	0.0000	0.0000	-76.8034	-71.9824	10.4664	0.0000	
Beam 27: End 1: 10: SPACCSX_SW2	0.0000	0.0000	14.9980	38.6900	-18.0307	0.0000	
Beam 27: End 1: 11: SPACCDX_SW2	0.0000	0.0000	-63.5777	-59.5897	8.6656	0.0000	
Beam 27: End 1: 12: AVV_LM71	0.0000	0.0000	32.9299	88.5939	-36.4083	0.0000	
Beam 27: End 1: 13: FREN_SW2	0.0000	0.0000	31.7350	85.3791	-35.0872	0.0000	
Beam 27: End 1: 14: SERP	0.0000	0.0000	0.1002	0.2695	-0.1107	0.0000	
Beam 27: End 1: 15: TERM	0.0000	0.0000	12.9347	69.2007	10.8279	0.0000	
Beam 27: End 1: 16: RITIRO	0.0000	0.0000	-9.6579	-51.6699	-8.0848	0.0000	
Beam 27: End 1: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Beam 27: End 1: 18: SISMA_H	0.0000	0.0000	68.9670	143.5628	-53.9200	0.0000	
Beam 27: End 1: 19: SISMA_V	0.0000	0.0000	0.0034	-9.1248	-18.1051	0.0000	
Beam 27: End 1: 20: SPSSX	0.0000	0.0000	33.4044	85.6894	-40.5723	0.0000	
Beam 27: End 1: 21: SPSTD	0.0000	0.0000	-155.9456	-138.2695	16.9371	0.0000	
Beam 27: End 1: 22: SLU01 [Combination 1]	0.0000	0.0000	-128.7761	-270.0946	-730.7050	0.0000	
Beam 27: End 1: 23: SLU02 [Combination 2]	0.0000	0.0000	-178.2757	-462.1441	-718.5708	0.0000	
Beam 27: End 1: 24: SLU03 [Combination 3]	0.0000	0.0000	-155.0035	-334.0966	-700.2005	0.0000	
Beam 27: End 1: 25: SLU04 [Combination 4]	0.0000	0.0000	-119.2583	-242.3650	-743.6056	0.0000	
Beam 27: End 1: 26: SLU05 [Combination 5]	0.0000	0.0000	-180.5490	-281.8896	-740.3052	0.0000	
Beam 27: End 1: 27: SLU06 [Combination 6]	0.0000	0.0000	-228.3425	-289.1609	-447.0534	0.0000	
Beam 27: End 1: 28: SLU07 [Combination 7]	0.0000	0.0000	-130.8995	-304.6456	-753.3507	0.0000	
Beam 27: End 1: 29: SLU08 [Combination 8]	0.0000	0.0000	-152.5541	-164.9755	-345.6597	0.0000	
Beam 27: End 1: 30: SLU09 [Combination 9]	0.0000	0.0000	-166.9549	-370.5492	-690.7702	0.0000	
Beam 27: End 1: 31: SLU10 [Combination 10]	0.0000	0.0000	-398.6383	-730.7413	-648.3785	0.0000	

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Beam 27: End 1: 32: SLU11 [Combination 11]	0.0000	0.0000	-274.0191	-613.6751	-695.3163	0.0000
Beam 27: End 1: 33: SLU12 [Combination 12]	0.0000	0.0000	-235.2149	-406.0731	-662.8327	0.0000
Beam 27: End 1: 34: SLU13 [Combination 13]	0.0000	0.0000	-135.0383	-265.5414	-681.9254	0.0000
Beam 27: End 1: 35: SLU14 [Combination 14]	0.0000	0.0000	-180.0161	-445.9264	-675.2277	0.0000
Beam 27: End 1: 36: SLU15 [Combination 15]	0.0000	0.0000	-156.7439	-317.8789	-656.8573	0.0000
Beam 27: End 1: 37: SLU16 [Combination 16]	0.0000	0.0000	-125.5205	-237.8118	-694.8261	0.0000
Beam 27: End 1: 38: SLU17 [Combination 17]	0.0000	0.0000	-186.8112	-277.3364	-691.5256	0.0000
Beam 27: End 1: 39: SLU18 [Combination 18]	0.0000	0.0000	-232.8643	-300.8255	-441.6170	0.0000
Beam 27: End 1: 40: SLU19 [Combination 19]	0.0000	0.0000	-137.1617	-300.0924	-704.5711	0.0000
Beam 27: End 1: 41: SLU20 [Combination 20]	0.0000	0.0000	-157.0760	-176.6401	-340.2232	0.0000
Beam 27: End 1: 42: SLU21 [Combination 21]	0.0000	0.0000	-171.4845	-361.3347	-643.9063	0.0000
Beam 27: End 1: 43: SLU22 [Combination 22]	0.0000	0.0000	-379.4688	-691.8927	-609.5622	0.0000
Beam 27: End 1: 44: SLU23 [Combination 23]	0.0000	0.0000	-277.6443	-602.1277	-649.5396	0.0000
Beam 27: End 1: 45: SLU24 [Combination 24]	0.0000	0.0000	-238.8402	-394.5256	-617.0560	0.0000
Beam 27: End 1: 46: SLU25 [Combination 25]	0.0000	0.0000	-143.8535	-308.5354	-716.4124	0.0000
Beam 27: End 1: 47: SLU26 [Combination 26]	0.0000	0.0000	-148.3831	-299.3209	-669.5484	0.0000
Beam 27: End 1: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	-281.2282	-333.8347	-401.8957	0.0000
Beam 27: End 1: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	-281.2302	-328.3598	-391.0326	0.0000
Beam 27: End 1: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	-229.8122	-397.0014	-351.5651	0.0000
Beam 27: End 1: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	-229.8142	-391.5265	-340.7020	0.0000
Beam 27: End 1: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	-220.3408	-343.9274	-388.6813	0.0000
Beam 27: End 1: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	-220.3476	-325.6777	-352.4710	0.0000
Beam 27: End 1: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	-204.9160	-362.8774	-373.5821	0.0000

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Beam 27: End 1: 55: SLU_SISMA08 [Combination 34] 0.0000	0.0000	0.0000	-204.9228	-344.6277	-337.3718
Beam 27: End 1: 56: SLU_SISMA09 [Combination 35] 0.0000	0.0000	0.0000	-282.0919	-333.2067	-395.1675
Beam 27: End 1: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	-282.0940	-327.7318	-384.3044
Beam 27: End 1: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	-230.6759	-396.3734	-344.8369
Beam 27: End 1: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	-230.6780	-390.8985	-333.9738
Beam 27: End 1: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	-221.2045	-343.2994	-381.9531
Beam 27: End 1: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	-221.2113	-325.0497	-345.7428
Beam 27: End 1: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	-205.7797	-362.2494	-366.8539
Beam 27: End 1: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	-205.7865	-343.9997	-330.6436
Beam 27: End 1: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	-269.3702	-459.9274	-420.2664
Beam 27: End 1: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	-201.1607	-235.1363	-465.5263
Beam 27: End 1: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	-129.8743	-289.6756	-496.8636
Beam 27: End 1: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	-260.3328	-442.3575	-396.9079
Beam 27: End 1: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	-194.0352	-222.7100	-440.0540
Beam 27: End 1: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	-133.3293	-287.1635	-469.9507
Beam 27: End 1: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	-126.9631	-273.2907	-514.8293

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Beam 27: End 1: 71: SLE_RARA08 [Combination 50]	0.0000	0.0000	-130.0870	-266.9359	-482.5093	
0.0000						
Beam 27: End 1: 72: SLE_QPERM01 [Combination 51]	0.0000	0.0000	-188.3408	-260.4702	-301.1780	
0.0000						
Beam 27: End 1: 73: SLE_FREQ01 [Combination 52]	0.0000	0.0000	-132.0147	-266.3076	-473.2212	
0.0000						
Beam 27: End 1: 74: SLE_FREQ02 [Combination 53]	0.0000	0.0000	-134.5138	-261.2237	-447.3653	
0.0000						
Beam 27: End 1: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	398.6383	730.7413	753.3507	
0.0000						
Beam 27: End 1: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	398.6383	730.7413	753.3507	
0.0000						
Beam 27: End 1: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	282.0940	397.0014	401.8957	
0.0000						
Beam 27: End 1: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	269.3702	459.9274	514.8293	
0.0000						
Beam 27: End 1: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	134.5138	266.3076	473.2212	
0.0000						
Beam 27: End 1: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	188.3408	260.4702	301.1780	
0.0000						
Beam 27: End 2: 1: PP	0.0000	0.0000	-38.0766	-201.0148	-220.6658	0.0000
Beam 27: End 2: 2: PERM	0.0000	0.0000	-2.3418	-35.8601	-59.2142	0.0000
Beam 27: End 2: 3: SPTSX	0.0000	0.0000	27.0753	75.2448	-33.7834	0.0000
Beam 27: End 2: 4: SPTDX	0.0000	0.0000	-189.9038	-158.5503	9.4298	0.0000
Beam 27: End 2: 5: SPTW	0.0000	0.0000	-2.0941	10.5177	-3.0756	0.0000
Beam 27: End 2: 6: ACC_LM71	0.0000	0.0000	0.0311	-83.5714	-165.8343	0.0000
Beam 27: End 2: 7: ACC_SW2	0.0000	0.0000	0.0258	-69.1733	-137.2636	0.0000
Beam 27: End 2: 8: SPACCSX_LM71	0.0000	0.0000	18.1165	51.2637	-21.7800	0.0000
Beam 27: End 2: 9: SPACCDX_LM71	0.0000	0.0000	-81.3034	-91.7458	10.4664	0.0000
Beam 27: End 2: 10: SPACCSX_SW2	0.0000	0.0000	14.9980	42.4395	-18.0307	0.0000
Beam 27: End 2: 11: SPACCDX_SW2	0.0000	0.0000	-67.3027	-75.9497	8.6656	0.0000
Beam 27: End 2: 12: AVV_LM71	0.0000	0.0000	32.9299	96.8263	-36.4083	0.0000

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Beam 27: End 2: 13: FREN_SW2	0.0000	0.0000	31.7350	93.3129	-35.0872	0.0000	
Beam 27: End 2: 14: SERP	0.0000	0.0000	0.1002	0.2945	-0.1107	0.0000	
Beam 27: End 2: 15: TERM	0.0000	0.0000	12.9347	72.4344	10.8279	0.0000	
Beam 27: End 2: 16: RITIRO	0.0000	0.0000	-9.6579	-54.0843	-8.0848	0.0000	
Beam 27: End 2: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Beam 27: End 2: 18: SISMA_H	0.0000	0.0000	70.3495	160.9773	-53.9200	0.0000	
Beam 27: End 2: 19: SISMA_V	0.0000	0.0000	0.0034	-9.1240	-18.1051	0.0000	
Beam 27: End 2: 20: SPSSX	0.0000	0.0000	33.4044	94.0405	-40.5723	0.0000	
Beam 27: End 2: 21: SPSDX	0.0000	0.0000	-165.3456	-178.4309	16.9371	0.0000	
Beam 27: End 2: 22: SLU01 [Combination 1]	0.0000	0.0000	-145.7761	-304.3959	-738.9822	0.0000	
Beam 27: End 2: 23: SLU02 [Combination 2]	0.0000	0.0000	-195.2757	-508.8204	-726.8480	0.0000	
Beam 27: End 2: 24: SLU03 [Combination 3]	0.0000	0.0000	-172.7779	-375.0471	-708.4776	0.0000	
Beam 27: End 2: 25: SLU04 [Combination 4]	0.0000	0.0000	-137.0327	-274.3791	-751.8828	0.0000	
Beam 27: End 2: 26: SLU05 [Combination 5]	0.0000	0.0000	-203.4990	-329.8716	-748.5824	0.0000	
Beam 27: End 2: 27: SLU06 [Combination 6]	0.0000	0.0000	-251.2925	-349.0913	-455.3306	0.0000	
Beam 27: End 2: 28: SLU07 [Combination 7]	0.0000	0.0000	-148.6739	-339.5700	-761.6279	0.0000	
Beam 27: End 2: 29: SLU08 [Combination 8]	0.0000	0.0000	-170.3285	-205.3135	-351.7909	0.0000	
Beam 27: End 2: 30: SLU09 [Combination 9]	0.0000	0.0000	-184.7293	-414.4875	-699.0474	0.0000	
Beam 27: End 2: 31: SLU10 [Combination 10]	0.0000	0.0000	-428.1133	-834.0614	-656.6557	0.0000	
Beam 27: End 2: 32: SLU11 [Combination 11]	0.0000	0.0000	-296.9691	-685.0248	-703.5935	0.0000	
Beam 27: End 2: 33: SLU12 [Combination 12]	0.0000	0.0000	-258.1649	-467.7216	-671.1099	0.0000	
Beam 27: End 2: 34: SLU13 [Combination 13]	0.0000	0.0000	-152.0383	-301.4083	-690.2026	0.0000	
Beam 27: End 2: 35: SLU14 [Combination 14]	0.0000	0.0000	-197.0161	-493.0377	-683.5049	0.0000	
Beam 27: End 2: 36: SLU15 [Combination 15]	0.0000	0.0000	-174.5183	-359.2644	-665.1345	0.0000	
Beam 27: End 2: 37: SLU16 [Combination 16]	0.0000	0.0000	-143.2949	-271.3914	-703.1032	0.0000	
Beam 27: End 2: 38: SLU17 [Combination 17]	0.0000	0.0000	-209.7612	-326.8840	-699.8028	0.0000	
Beam 27: End 2: 39: SLU18 [Combination 18]	0.0000	0.0000	-255.8143	-361.8864	-449.8942	0.0000	
Beam 27: End 2: 40: SLU19 [Combination 19]	0.0000	0.0000	-154.9361	-336.5824	-712.8483	0.0000	
Beam 27: End 2: 41: SLU20 [Combination 20]	0.0000	0.0000	-174.8503	-218.1086	-346.3545	0.0000	
Beam 27: End 2: 42: SLU21 [Combination 21]	0.0000	0.0000	-189.2589	-406.4054	-652.1835	0.0000	

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Beam 27: End 2: 43: SLU22 [Combination 22]	0.0000	0.0000	-407.8201	-790.2799	-617.8394	0.0000
Beam 27: End 2: 44: SLU23 [Combination 23]	0.0000	0.0000	-300.5943	-674.3836	-657.8168	0.0000
Beam 27: End 2: 45: SLU24 [Combination 24]	0.0000	0.0000	-261.7902	-457.0805	-625.3332	0.0000
Beam 27: End 2: 46: SLU25 [Combination 25]	0.0000	0.0000	-161.6279	-346.6984	-724.6895	0.0000
Beam 27: End 2: 47: SLU26 [Combination 26]	0.0000	0.0000	-166.1575	-338.6162	-677.8256	0.0000
Beam 27: End 2: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	-306.2457	-407.2513	-408.0270	0.0000
Beam 27: End 2: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	-306.2477	-401.7769	-397.1639	0.0000
Beam 27: End 2: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	-248.1947	-456.7346	-357.6964	0.0000
Beam 27: End 2: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	-248.1967	-451.2602	-346.8333	0.0000
Beam 27: End 2: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	-239.7460	-401.4206	-394.8125	0.0000
Beam 27: End 2: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	-239.7528	-383.1726	-358.6023	0.0000
Beam 27: End 2: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	-222.3307	-416.2655	-379.7133	0.0000
Beam 27: End 2: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	-222.3375	-398.0176	-343.5031	0.0000
Beam 27: End 2: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	-307.1094	-406.8392	-401.2987	0.0000
Beam 27: End 2: 57: SLU_SISMA10 [Combination 36]	0.0000	0.0000	-307.1115	-401.3648	-390.4357	0.0000
Beam 27: End 2: 58: SLU_SISMA11 [Combination 37]	0.0000	0.0000	-249.0584	-456.3225	-350.9681	0.0000
Beam 27: End 2: 59: SLU_SISMA12 [Combination 38]	0.0000	0.0000	-249.0605	-450.8481	-340.1051	0.0000
Beam 27: End 2: 60: SLU_SISMA13 [Combination 39]	0.0000	0.0000	-240.6098	-401.0085	-388.0843	0.0000

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Beam 27: End 2: 61: SLU_SISMA14 [Combination 40]	0.0000	0.0000	-240.6166	-382.7605	-351.8740
0.0000					
Beam 27: End 2: 62: SLU_SISMA15 [Combination 41]	0.0000	0.0000	-223.1945	-415.8535	-372.9851
0.0000					
Beam 27: End 2: 63: SLU_SISMA16 [Combination 42]	0.0000	0.0000	-223.2013	-397.6055	-336.7749
0.0000					
Beam 27: End 2: 64: SLE_RARA01 [Combination 43]	0.0000	0.0000	-289.9702	-529.8272	-426.3976
0.0000					
Beam 27: End 2: 65: SLE_RARA02 [Combination 44]	0.0000	0.0000	-221.7607	-287.9838	-471.6575
0.0000					
Beam 27: End 2: 66: SLE_RARA03 [Combination 45]	0.0000	0.0000	-143.9168	-323.8827	-502.9948
0.0000					
Beam 27: End 2: 67: SLE_RARA04 [Combination 46]	0.0000	0.0000	-280.3128	-509.9205	-403.0392
0.0000					
Beam 27: End 2: 68: SLE_RARA05 [Combination 47]	0.0000	0.0000	-214.0152	-273.6986	-446.1853
0.0000					
Beam 27: End 2: 69: SLE_RARA06 [Combination 48]	0.0000	0.0000	-147.3718	-322.2343	-476.0820
0.0000					
Beam 27: End 2: 70: SLE_RARA07 [Combination 49]	0.0000	0.0000	-141.0056	-306.7700	-520.9606
0.0000					
Beam 27: End 2: 71: SLE_RARA08 [Combination 50]	0.0000	0.0000	-144.1295	-301.1961	-488.6406
0.0000					
Beam 27: End 2: 72: SLE_QPERM01 [Combination 51]	0.0000	0.0000	-205.3408	-309.6627	-307.3093
0.0000					
Beam 27: End 2: 73: SLE_FREQ01 [Combination 52]	0.0000	0.0000	-146.0572	-301.0499	-479.3525
0.0000					
Beam 27: End 2: 74: SLE_FREQ02 [Combination 53]	0.0000	0.0000	-148.5563	-296.5908	-453.4965
0.0000					
Beam 27: End 2: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	428.1133	834.0614	761.6279
0.0000					
Beam 27: End 2: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	428.1133	834.0614	761.6279
0.0000					

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Beam 27: End 2: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	307.1115	456.7346	408.0270		
0.0000							
Beam 27: End 2: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	289.9702	529.8272	520.9606		
0.0000							
Beam 27: End 2: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	148.5563	301.0499	479.3525		
0.0000							
Beam 27: End 2: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	205.3408	309.6627	307.3093		
0.0000							
Beam 28: End 1: 1: PP	0.0000	0.0000	-38.0766	-164.0806	-196.8765	0.0000	
Beam 28: End 1: 2: PERM	0.0000	0.0000	-2.3418	-33.5886	-59.2142	0.0000	
Beam 28: End 1: 3: SPTSX	0.0000	0.0000	27.0753	48.9818	-33.7834	0.0000	
Beam 28: End 1: 4: SPTDX	0.0000	0.0000	-133.8603	-1.8169	9.4298	0.0000	
Beam 28: End 1: 5: SPTW	0.0000	0.0000	2.9905	9.3204	-3.0756	0.0000	
Beam 28: End 1: 6: ACC_LM71	0.0000	0.0000	0.0311	-83.6016	-165.8343	0.0000	
Beam 28: End 1: 7: ACC_SW2	0.0000	0.0000	0.0258	-69.1983	-137.2636	0.0000	
Beam 28: End 1: 8: SPACCSX_LM71	0.0000	0.0000	18.1165	33.6907	-21.7800	0.0000	
Beam 28: End 1: 9: SPACCDX_LM71	0.0000	0.0000	-63.8434	-21.3496	10.4664	0.0000	
Beam 28: End 1: 10: SPACCSX_SW2	0.0000	0.0000	14.9980	27.8915	-18.0307	0.0000	
Beam 28: End 1: 11: SPACCDX_SW2	0.0000	0.0000	-52.8497	-17.6758	8.6656	0.0000	
Beam 28: End 1: 12: AVV_LM71	0.0000	0.0000	32.9299	64.8843	-36.4083	0.0000	
Beam 28: End 1: 13: FREN_SW2	0.0000	0.0000	31.7350	62.5299	-35.0872	0.0000	
Beam 28: End 1: 14: SERP	0.0000	0.0000	0.1002	0.1974	-0.1107	0.0000	
Beam 28: End 1: 15: TERM	0.0000	0.0000	12.9347	59.8877	10.8279	0.0000	
Beam 28: End 1: 16: RITIRO	0.0000	0.0000	-9.6579	-44.7161	-8.0848	0.0000	
Beam 28: End 1: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Beam 28: End 1: 18: SISMA_H	0.0000	0.0000	64.9854	95.3399	-53.9200	0.0000	
Beam 28: End 1: 19: SISMA_V	0.0000	0.0000	0.0034	-9.1273	-18.1051	0.0000	
Beam 28: End 1: 20: SPSSX	0.0000	0.0000	33.4044	61.6382	-40.5723	0.0000	
Beam 28: End 1: 21: SPSDX	0.0000	0.0000	-128.8736	-35.7346	16.9371	0.0000	
Beam 28: End 1: 22: SLU01 [Combination 1]	0.0000	0.0000	-84.6480	-193.6949	-706.8667	0.0000	
Beam 28: End 1: 23: SLU02 [Combination 2]	0.0000	0.0000	-134.1477	-350.1047	-694.7325	0.0000	

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Beam 28: End 1: 24: SLU03 [Combination 3]	0.0000	0.0000	-109.8702	-239.2842	-676.3622	0.0000
Beam 28: End 1: 25: SLU04 [Combination 4]	0.0000	0.0000	-74.1250	-173.2891	-719.7673	0.0000
Beam 28: End 1: 26: SLU05 [Combination 5]	0.0000	0.0000	-120.9761	-173.9250	-716.4669	0.0000
Beam 28: End 1: 27: SLU06 [Combination 6]	0.0000	0.0000	-168.7696	-146.7850	-423.2151	0.0000
Beam 28: End 1: 28: SLU07 [Combination 7]	0.0000	0.0000	-85.7662	-227.1881	-729.5124	0.0000
Beam 28: End 1: 29: SLU08 [Combination 8]	0.0000	0.0000	-107.4208	-71.9266	-328.0017	0.0000
Beam 28: End 1: 30: SLU09 [Combination 9]	0.0000	0.0000	-121.8216	-267.1319	-666.9319	0.0000
Beam 28: End 1: 31: SLU10 [Combination 10]	0.0000	0.0000	-320.2734	-472.5176	-624.5402	0.0000
Beam 28: End 1: 32: SLU11 [Combination 11]	0.0000	0.0000	-214.4462	-438.4121	-671.4780	0.0000
Beam 28: End 1: 33: SLU12 [Combination 12]	0.0000	0.0000	-175.6420	-258.7490	-638.9944	0.0000
Beam 28: End 1: 34: SLU13 [Combination 13]	0.0000	0.0000	-90.9102	-184.6329	-658.0871	0.0000
Beam 28: End 1: 35: SLU14 [Combination 14]	0.0000	0.0000	-135.8880	-332.6338	-651.3894	0.0000
Beam 28: End 1: 36: SLU15 [Combination 15]	0.0000	0.0000	-111.6106	-221.8134	-633.0190	0.0000
Beam 28: End 1: 37: SLU16 [Combination 16]	0.0000	0.0000	-80.3872	-164.2271	-670.9878	0.0000
Beam 28: End 1: 38: SLU17 [Combination 17]	0.0000	0.0000	-127.2383	-164.8630	-667.6873	0.0000
Beam 28: End 1: 39: SLU18 [Combination 18]	0.0000	0.0000	-173.2914	-155.1939	-417.7787	0.0000
Beam 28: End 1: 40: SLU19 [Combination 19]	0.0000	0.0000	-92.0284	-218.1261	-680.7328	0.0000
Beam 28: End 1: 41: SLU20 [Combination 20]	0.0000	0.0000	-111.9426	-80.3355	-322.5652	0.0000
Beam 28: End 1: 42: SLU21 [Combination 21]	0.0000	0.0000	-126.3512	-254.6560	-620.0680	0.0000
Beam 28: End 1: 43: SLU22 [Combination 22]	0.0000	0.0000	-304.3403	-446.3059	-585.7239	0.0000
Beam 28: End 1: 44: SLU23 [Combination 23]	0.0000	0.0000	-218.0714	-424.2545	-625.7013	0.0000
Beam 28: End 1: 45: SLU24 [Combination 24]	0.0000	0.0000	-179.2673	-244.5914	-593.2177	0.0000
Beam 28: End 1: 46: SLU25 [Combination 25]	0.0000	0.0000	-98.7202	-221.7510	-692.5741	0.0000
Beam 28: End 1: 47: SLU26 [Combination 26]	0.0000	0.0000	-103.2498	-209.2752	-645.7101	0.0000
Beam 28: End 1: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	-214.0097	-155.9821	-384.2377	0.0000
Beam 28: End 1: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	-214.0117	-150.5057	-373.3746	0.0000
Beam 28: End 1: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	-181.7025	-249.2891	-333.9071	0.0000

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Beam 28: End 1: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	-181.7045	-243.8127	-323.0440
0.0000					
Beam 28: End 1: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	-169.2856	-204.0949	-371.0233
0.0000					
Beam 28: End 1: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	-169.2924	-185.8403	-334.8130
0.0000					
Beam 28: End 1: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	-159.5934	-232.0870	-355.9241
0.0000					
Beam 28: End 1: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	-159.6002	-213.8324	-319.7138
0.0000					
Beam 28: End 1: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	-214.8734	-154.7321	-377.5095
0.0000					
Beam 28: End 1: 57: SLU_SISMA10 [Combination 36]	0.0000	0.0000	-214.8755	-149.2558	-366.6464
0.0000					
Beam 28: End 1: 58: SLU_SISMA11 [Combination 37]	0.0000	0.0000	-182.5663	-248.0391	-327.1789
0.0000					
Beam 28: End 1: 59: SLU_SISMA12 [Combination 38]	0.0000	0.0000	-182.5683	-242.5628	-316.3158
0.0000					
Beam 28: End 1: 60: SLU_SISMA13 [Combination 39]	0.0000	0.0000	-170.1493	-202.8449	-364.2951
0.0000					
Beam 28: End 1: 61: SLU_SISMA14 [Combination 40]	0.0000	0.0000	-170.1561	-184.5904	-328.0848
0.0000					
Beam 28: End 1: 62: SLU_SISMA15 [Combination 41]	0.0000	0.0000	-160.4572	-230.8370	-349.1959
0.0000					
Beam 28: End 1: 63: SLU_SISMA16 [Combination 42]	0.0000	0.0000	-160.4640	-212.5825	-312.9856
0.0000					
Beam 28: End 1: 64: SLE_RARA01 [Combination 43]	0.0000	0.0000	-214.8741	-286.0323	-402.6084
0.0000					
Beam 28: End 1: 65: SLE_RARA02 [Combination 44]	0.0000	0.0000	-146.6646	-110.3522	-447.8683
0.0000					
Beam 28: End 1: 66: SLE_RARA03 [Combination 45]	0.0000	0.0000	-93.9974	-209.4905	-479.2056
0.0000					

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	<p>Progetto IN17</p>	<p>Lotto 12</p>	<p>Codifica EI2CLSL1000001</p>	<p>A</p>

Beam 28: End 1: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	-207.6224	-274.3266	-379.2499	
Beam 28: End 1: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	-141.3247	-102.4134	-422.3960	
Beam 28: End 1: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	-97.4524	-204.4908	-452.2927	
Beam 28: End 1: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	-91.0862	-195.2017	-497.1713	
Beam 28: End 1: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	-94.2101	-186.5977	-464.8513	
Beam 28: End 1: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	-144.2127	-141.1839	-283.5200	
Beam 28: End 1: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	-96.1379	-184.5814	-455.5632	
Beam 28: End 1: 74: SLE_FREQ02 [Combination 53] 0.0000	0.0000	0.0000	-98.6370	-177.6982	-429.7073	
Beam 28: End 1: 75: SLU/SLV [Absolute Envelope 1] 0.0000	0.0000	0.0000	320.2734	472.5176	729.5124	
Beam 28: End 1: 76: SLU [Absolute Envelope 2] 0.0000	0.0000	0.0000	320.2734	472.5176	729.5124	
Beam 28: End 1: 77: SLV [Absolute Envelope 3] 0.0000	0.0000	0.0000	214.8755	249.2891	384.2377	
Beam 28: End 1: 78: SLE R [Absolute Envelope 4] 0.0000	0.0000	0.0000	214.8741	286.0323	497.1713	
Beam 28: End 1: 79: SLE F [Absolute Envelope 5] 0.0000	0.0000	0.0000	98.6370	184.5814	455.5632	
Beam 28: End 1: 80: SLE QP [Absolute Envelope 6] 0.0000	0.0000	0.0000	144.2127	141.1839	283.5200	
Beam 28: End 2: 1: PP	0.0000	0.0000	-38.0766	-191.4957	-214.5345	0.0000
Beam 28: End 2: 2: PERM	0.0000	0.0000	-2.3418	-35.2747	-59.2142	0.0000
Beam 28: End 2: 3: SPTSX	0.0000	0.0000	27.0753	68.4760	-33.7834	0.0000
Beam 28: End 2: 4: SPTDX	0.0000	0.0000	-175.1163	-112.9275	9.4298	0.0000

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto</p> <p>IN17</p>	<p>Lotto</p> <p>12</p>	<p>Codifica</p> <p>EI2CLSL1000001</p>	<p>A</p>



Beam 28: End 2: 5: SPTW	0.0000	0.0000	0.1184	10.7516	-3.0756	0.0000	
Beam 28: End 2: 6: ACC_LM71	0.0000	0.0000	0.0311	-83.5792	-165.8343	0.0000	
Beam 28: End 2: 7: ACC_SW2	0.0000	0.0000	0.0258	-69.1798	-137.2636	0.0000	
Beam 28: End 2: 8: SPACCSX_LM71	0.0000	0.0000	18.1165	46.7345	-21.7800	0.0000	
Beam 28: End 2: 9: SPACCDX_LM71	0.0000	0.0000	-76.8034	-71.9824	10.4664	0.0000	
Beam 28: End 2: 10: SPACCSX_SW2	0.0000	0.0000	14.9980	38.6900	-18.0307	0.0000	
Beam 28: End 2: 11: SPACCDX_SW2	0.0000	0.0000	-63.5777	-59.5897	8.6656	0.0000	
Beam 28: End 2: 12: AVV_LM71	0.0000	0.0000	32.9299	88.5939	-36.4083	0.0000	
Beam 28: End 2: 13: FREN_SW2	0.0000	0.0000	31.7350	85.3791	-35.0872	0.0000	
Beam 28: End 2: 14: SERP	0.0000	0.0000	0.1002	0.2695	-0.1107	0.0000	
Beam 28: End 2: 15: TERM	0.0000	0.0000	12.9347	69.2007	10.8279	0.0000	
Beam 28: End 2: 16: RITIRO	0.0000	0.0000	-9.6579	-51.6699	-8.0848	0.0000	
Beam 28: End 2: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Beam 28: End 2: 18: SISMA_H	0.0000	0.0000	68.9670	143.5628	-53.9200	0.0000	
Beam 28: End 2: 19: SISMA_V	0.0000	0.0000	0.0034	-9.1248	-18.1051	0.0000	
Beam 28: End 2: 20: SPSSX	0.0000	0.0000	33.4044	85.6894	-40.5723	0.0000	
Beam 28: End 2: 21: SPSDX	0.0000	0.0000	-155.9456	-138.2695	16.9371	0.0000	
Beam 28: End 2: 22: SLU01 [Combination 1]	0.0000	0.0000	-128.7761	-270.0946	-730.7050	0.0000	
Beam 28: End 2: 23: SLU02 [Combination 2]	0.0000	0.0000	-178.2757	-462.1441	-718.5708	0.0000	
Beam 28: End 2: 24: SLU03 [Combination 3]	0.0000	0.0000	-155.0035	-334.0966	-700.2005	0.0000	
Beam 28: End 2: 25: SLU04 [Combination 4]	0.0000	0.0000	-119.2583	-242.3650	-743.6056	0.0000	
Beam 28: End 2: 26: SLU05 [Combination 5]	0.0000	0.0000	-180.5490	-281.8896	-740.3052	0.0000	
Beam 28: End 2: 27: SLU06 [Combination 6]	0.0000	0.0000	-228.3425	-289.1609	-447.0534	0.0000	
Beam 28: End 2: 28: SLU07 [Combination 7]	0.0000	0.0000	-130.8995	-304.6456	-753.3507	0.0000	
Beam 28: End 2: 29: SLU08 [Combination 8]	0.0000	0.0000	-152.5541	-164.9755	-345.6597	0.0000	
Beam 28: End 2: 30: SLU09 [Combination 9]	0.0000	0.0000	-166.9549	-370.5492	-690.7702	0.0000	
Beam 28: End 2: 31: SLU10 [Combination 10]	0.0000	0.0000	-398.6383	-730.7413	-648.3785	0.0000	
Beam 28: End 2: 32: SLU11 [Combination 11]	0.0000	0.0000	-274.0191	-613.6751	-695.3163	0.0000	
Beam 28: End 2: 33: SLU12 [Combination 12]	0.0000	0.0000	-235.2149	-406.0731	-662.8327	0.0000	
Beam 28: End 2: 34: SLU13 [Combination 13]	0.0000	0.0000	-135.0383	-265.5414	-681.9254	0.0000	

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Beam 28: End 2: 35: SLU14 [Combination 14]	0.0000	0.0000	-180.0161	-445.9264	-675.2277	0.0000
Beam 28: End 2: 36: SLU15 [Combination 15]	0.0000	0.0000	-156.7439	-317.8789	-656.8573	0.0000
Beam 28: End 2: 37: SLU16 [Combination 16]	0.0000	0.0000	-125.5205	-237.8118	-694.8261	0.0000
Beam 28: End 2: 38: SLU17 [Combination 17]	0.0000	0.0000	-186.8112	-277.3364	-691.5256	0.0000
Beam 28: End 2: 39: SLU18 [Combination 18]	0.0000	0.0000	-232.8643	-300.8255	-441.6170	0.0000
Beam 28: End 2: 40: SLU19 [Combination 19]	0.0000	0.0000	-137.1617	-300.0924	-704.5711	0.0000
Beam 28: End 2: 41: SLU20 [Combination 20]	0.0000	0.0000	-157.0760	-176.6401	-340.2232	0.0000
Beam 28: End 2: 42: SLU21 [Combination 21]	0.0000	0.0000	-171.4845	-361.3347	-643.9063	0.0000
Beam 28: End 2: 43: SLU22 [Combination 22]	0.0000	0.0000	-379.4688	-691.8927	-609.5622	0.0000
Beam 28: End 2: 44: SLU23 [Combination 23]	0.0000	0.0000	-277.6443	-602.1277	-649.5396	0.0000
Beam 28: End 2: 45: SLU24 [Combination 24]	0.0000	0.0000	-238.8402	-394.5256	-617.0560	0.0000
Beam 28: End 2: 46: SLU25 [Combination 25]	0.0000	0.0000	-143.8535	-308.5354	-716.4124	0.0000
Beam 28: End 2: 47: SLU26 [Combination 26]	0.0000	0.0000	-148.3831	-299.3209	-669.5484	0.0000
Beam 28: End 2: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	-281.2282	-333.8347	-401.8957	0.0000
Beam 28: End 2: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	-281.2302	-328.3598	-391.0326	0.0000
Beam 28: End 2: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	-229.8122	-397.0014	-351.5651	0.0000
Beam 28: End 2: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	-229.8142	-391.5265	-340.7020	0.0000
Beam 28: End 2: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	-220.3408	-343.9274	-388.6813	0.0000
Beam 28: End 2: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	-220.3476	-325.6777	-352.4710	0.0000
Beam 28: End 2: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	-204.9160	-362.8774	-373.5821	0.0000
Beam 28: End 2: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	-204.9228	-344.6277	-337.3718	0.0000
Beam 28: End 2: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	-282.0919	-333.2067	-395.1675	0.0000

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
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Beam 28: End 2: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	-282.0940	-327.7318	-384.3044
Beam 28: End 2: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	-230.6759	-396.3734	-344.8369
Beam 28: End 2: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	-230.6780	-390.8985	-333.9738
Beam 28: End 2: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	-221.2045	-343.2994	-381.9531
Beam 28: End 2: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	-221.2113	-325.0497	-345.7428
Beam 28: End 2: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	-205.7797	-362.2494	-366.8539
Beam 28: End 2: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	-205.7865	-343.9997	-330.6436
Beam 28: End 2: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	-269.3702	-459.9274	-420.2664
Beam 28: End 2: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	-201.1607	-235.1363	-465.5263
Beam 28: End 2: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	-129.8743	-289.6756	-496.8636
Beam 28: End 2: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	-260.3328	-442.3575	-396.9079
Beam 28: End 2: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	-194.0352	-222.7100	-440.0540
Beam 28: End 2: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	-133.3293	-287.1635	-469.9507
Beam 28: End 2: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	-126.9631	-273.2907	-514.8293
Beam 28: End 2: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	-130.0870	-266.9359	-482.5093
Beam 28: End 2: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	-188.3408	-260.4702	-301.1780

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Beam 28: End 2: 73: SLE_FREQ01 [Combination 52]	0.0000	0.0000	-132.0147	-266.3076	-473.2212	
0.0000						
Beam 28: End 2: 74: SLE_FREQ02 [Combination 53]	0.0000	0.0000	-134.5138	-261.2237	-447.3653	
0.0000						
Beam 28: End 2: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	398.6383	730.7413	753.3507	
0.0000						
Beam 28: End 2: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	398.6383	730.7413	753.3507	
0.0000						
Beam 28: End 2: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	282.0940	397.0014	401.8957	
0.0000						
Beam 28: End 2: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	269.3702	459.9274	514.8293	
0.0000						
Beam 28: End 2: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	134.5138	266.3076	473.2212	
0.0000						
Beam 28: End 2: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	188.3408	260.4702	301.1780	
0.0000						
Beam 29: End 1: 1: PP	0.0000	0.0000	-38.0766	-136.6654	-179.2185	0.0000
Beam 29: End 1: 2: PERM	0.0000	0.0000	-2.3418	-31.9025	-59.2142	0.0000
Beam 29: End 1: 3: SPTSX	0.0000	0.0000	27.0753	29.4875	-33.7834	0.0000
Beam 29: End 1: 4: SPTDX	0.0000	0.0000	-94.6203	80.3152	9.4298	0.0000
Beam 29: End 1: 5: SPTW	0.0000	0.0000	3.1266	7.1019	-3.0756	0.0000
Beam 29: End 1: 6: ACC_LM71	0.0000	0.0000	0.0311	-83.6240	-165.8343	0.0000
Beam 29: End 1: 7: ACC_SW2	0.0000	0.0000	0.0258	-69.2169	-137.2636	0.0000
Beam 29: End 1: 8: SPACCSX_LM71	0.0000	0.0000	18.1165	20.6468	-21.7800	0.0000
Beam 29: End 1: 9: SPACCDX_LM71	0.0000	0.0000	-50.8834	19.9520	10.4664	0.0000
Beam 29: End 1: 10: SPACCSX_SW2	0.0000	0.0000	14.9980	17.0929	-18.0307	0.0000
Beam 29: End 1: 11: SPACCDX_SW2	0.0000	0.0000	-42.1217	16.5139	8.6656	0.0000
Beam 29: End 1: 12: AVV_LM71	0.0000	0.0000	32.9299	41.1748	-36.4083	0.0000
Beam 29: End 1: 13: FREN_SW2	0.0000	0.0000	31.7350	39.6807	-35.0872	0.0000
Beam 29: End 1: 14: SERP	0.0000	0.0000	0.1002	0.1252	-0.1107	0.0000
Beam 29: End 1: 15: TERM	0.0000	0.0000	12.9347	50.5747	10.8279	0.0000

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Beam 29: End 1: 16: RITIRO	0.0000	0.0000	-9.6579	-37.7624	-8.0848	0.0000	
Beam 29: End 1: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Beam 29: End 1: 18: SISMA_H	0.0000	0.0000	61.0038	49.9838	-53.9200	0.0000	
Beam 29: End 1: 19: SISMA_V	0.0000	0.0000	0.0034	-9.1297	-18.1051	0.0000	
Beam 29: End 1: 20: SPSSX	0.0000	0.0000	33.4044	37.5870	-40.5723	0.0000	
Beam 29: End 1: 21: SPSPDX	0.0000	0.0000	-101.8016	47.3084	16.9371	0.0000	
Beam 29: End 1: 22: SLU01 [Combination 1]	0.0000	0.0000	-45.2719	-147.0610	-683.0284	0.0000	
Beam 29: End 1: 23: SLU02 [Combination 2]	0.0000	0.0000	-94.7716	-267.8310	-670.8942	0.0000	
Beam 29: End 1: 24: SLU03 [Combination 3]	0.0000	0.0000	-70.4465	-174.5132	-652.5239	0.0000	
Beam 29: End 1: 25: SLU04 [Combination 4]	0.0000	0.0000	-34.7013	-134.2547	-695.9290	0.0000	
Beam 29: End 1: 26: SLU05 [Combination 5]	0.0000	0.0000	-67.8184	-106.1444	-692.6286	0.0000	
Beam 29: End 1: 27: SLU06 [Combination 6]	0.0000	0.0000	-115.6119	-44.5930	-399.3768	0.0000	
Beam 29: End 1: 28: SLU07 [Combination 7]	0.0000	0.0000	-46.3425	-179.7719	-705.6741	0.0000	
Beam 29: End 1: 29: SLU08 [Combination 8]	0.0000	0.0000	-67.9971	-8.9192	-310.3437	0.0000	
Beam 29: End 1: 30: SLU09 [Combination 9]	0.0000	0.0000	-82.3979	-193.7558	-643.0936	0.0000	
Beam 29: End 1: 31: SLU10 [Combination 10]	0.0000	0.0000	-248.3237	-268.0080	-600.7019	0.0000	
Beam 29: End 1: 32: SLU11 [Combination 11]	0.0000	0.0000	-161.2885	-303.3330	-647.6397	0.0000	
Beam 29: End 1: 33: SLU12 [Combination 12]	0.0000	0.0000	-122.4843	-151.6089	-615.1561	0.0000	
Beam 29: End 1: 34: SLU13 [Combination 13]	0.0000	0.0000	-51.5342	-133.4902	-634.2488	0.0000	
Beam 29: End 1: 35: SLU14 [Combination 14]	0.0000	0.0000	-96.5120	-249.1071	-627.5511	0.0000	
Beam 29: End 1: 36: SLU15 [Combination 15]	0.0000	0.0000	-72.1869	-155.7893	-609.1807	0.0000	
Beam 29: End 1: 37: SLU16 [Combination 16]	0.0000	0.0000	-40.9635	-120.6839	-647.1495	0.0000	
Beam 29: End 1: 38: SLU17 [Combination 17]	0.0000	0.0000	-74.0806	-92.5736	-643.8490	0.0000	
Beam 29: End 1: 39: SLU18 [Combination 18]	0.0000	0.0000	-120.1337	-49.7462	-393.9404	0.0000	
Beam 29: End 1: 40: SLU19 [Combination 19]	0.0000	0.0000	-52.6047	-166.2011	-656.8945	0.0000	
Beam 29: End 1: 41: SLU20 [Combination 20]	0.0000	0.0000	-72.5189	-14.0723	-304.9072	0.0000	
Beam 29: End 1: 42: SLU21 [Combination 21]	0.0000	0.0000	-86.9275	-178.0187	-596.2297	0.0000	
Beam 29: End 1: 43: SLU22 [Combination 22]	0.0000	0.0000	-235.6270	-252.1030	-561.8856	0.0000	
Beam 29: End 1: 44: SLU23 [Combination 23]	0.0000	0.0000	-164.9137	-286.5652	-601.8630	0.0000	
Beam 29: End 1: 45: SLU24 [Combination 24]	0.0000	0.0000	-126.1096	-134.8411	-569.3794	0.0000	

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Beam 29: End 1: 46: SLU25 [Combination 25]	0.0000	0.0000	-59.2965	-165.0080	-668.7358	0.0000
Beam 29: End 1: 47: SLU26 [Combination 26]	0.0000	0.0000	-63.8261	-149.2708	-621.8718	0.0000
Beam 29: End 1: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	-151.5432	-24.5203	-366.5797	0.0000
Beam 29: End 1: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	-151.5452	-19.0425	-355.7166	0.0000
Beam 29: End 1: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	-138.3448	-134.2093	-316.2491	0.0000
Beam 29: End 1: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	-138.3469	-128.7315	-305.3860	0.0000
Beam 29: End 1: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	-122.9824	-99.0157	-353.3653	0.0000
Beam 29: End 1: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	-122.9892	-80.7562	-317.1550	0.0000
Beam 29: End 1: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	-119.0229	-131.9224	-338.2661	0.0000
Beam 29: End 1: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	-119.0297	-113.6629	-302.0558	0.0000
Beam 29: End 1: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	-152.4070	-22.6485	-359.8515	0.0000
Beam 29: End 1: 57: SLU_SISMA10 [Combination 36]	0.0000	0.0000	-152.4090	-17.1707	-348.9884	0.0000
Beam 29: End 1: 58: SLU_SISMA11 [Combination 37]	0.0000	0.0000	-139.2086	-132.3375	-309.5209	0.0000
Beam 29: End 1: 59: SLU_SISMA12 [Combination 38]	0.0000	0.0000	-139.2106	-126.8596	-298.6578	0.0000
Beam 29: End 1: 60: SLU_SISMA13 [Combination 39]	0.0000	0.0000	-123.8461	-97.1439	-346.6371	0.0000
Beam 29: End 1: 61: SLU_SISMA14 [Combination 40]	0.0000	0.0000	-123.8529	-78.8844	-310.4268	0.0000
Beam 29: End 1: 62: SLU_SISMA15 [Combination 41]	0.0000	0.0000	-119.8866	-130.0506	-331.5379	0.0000

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Beam 29: End 1: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	-119.8934	-111.7911	-295.3276
Beam 29: End 1: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	-165.1301	-149.3681	-384.9504
Beam 29: End 1: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	-96.9205	-22.7988	-430.2103
Beam 29: End 1: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	-62.4693	-153.2756	-461.5476
Beam 29: End 1: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	-159.6639	-142.2408	-361.5919
Beam 29: End 1: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	-93.3662	-18.0620	-404.7380
Beam 29: End 1: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	-65.9244	-145.7882	-434.6347
Beam 29: End 1: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	-59.5582	-141.0828	-479.5133
Beam 29: End 1: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	-62.6820	-130.2296	-447.1933
Beam 29: End 1: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	-104.8367	-51.6634	-265.8620
Beam 29: End 1: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	-64.6098	-126.8254	-437.9052
Beam 29: End 1: 74: SLE_FREQ02 [Combination 53] 0.0000	0.0000	0.0000	-67.1089	-118.1428	-412.0493
Beam 29: End 1: 75: SLU/SLV [Absolute Envelope 1] 0.0000	0.0000	0.0000	248.3237	303.3330	705.6741
Beam 29: End 1: 76: SLU [Absolute Envelope 2] 0.0000	0.0000	0.0000	248.3237	303.3330	705.6741
Beam 29: End 1: 77: SLV [Absolute Envelope 3] 0.0000	0.0000	0.0000	152.4090	134.2093	366.5797
Beam 29: End 1: 78: SLE R [Absolute Envelope 4] 0.0000	0.0000	0.0000	165.1301	153.2756	479.5133

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Beam 29: End 1: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	67.1089	126.8254	437.9052	
0.0000						
Beam 29: End 1: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	104.8367	51.6634	265.8620	
0.0000						
Beam 29: End 2: 1: PP	0.0000	0.0000	-38.0766	-164.0806	-196.8765	0.0000
Beam 29: End 2: 2: PERM	0.0000	0.0000	-2.3418	-33.5886	-59.2142	0.0000
Beam 29: End 2: 3: SPTSX	0.0000	0.0000	27.0753	48.9818	-33.7834	0.0000
Beam 29: End 2: 4: SPTDX	0.0000	0.0000	-133.8603	-1.8169	9.4298	0.0000
Beam 29: End 2: 5: SPTW	0.0000	0.0000	2.9905	9.3204	-3.0756	0.0000
Beam 29: End 2: 6: ACC_LM71	0.0000	0.0000	0.0311	-83.6016	-165.8343	0.0000
Beam 29: End 2: 7: ACC_SW2	0.0000	0.0000	0.0258	-69.1983	-137.2636	0.0000
Beam 29: End 2: 8: SPACCSX_LM71	0.0000	0.0000	18.1165	33.6907	-21.7800	0.0000
Beam 29: End 2: 9: SPACCDX_LM71	0.0000	0.0000	-63.8434	-21.3496	10.4664	0.0000
Beam 29: End 2: 10: SPACCSX_SW2	0.0000	0.0000	14.9980	27.8915	-18.0307	0.0000
Beam 29: End 2: 11: SPACCDX_SW2	0.0000	0.0000	-52.8497	-17.6758	8.6656	0.0000
Beam 29: End 2: 12: AVV_LM71	0.0000	0.0000	32.9299	64.8843	-36.4083	0.0000
Beam 29: End 2: 13: FREN_SW2	0.0000	0.0000	31.7350	62.5299	-35.0872	0.0000
Beam 29: End 2: 14: SERP	0.0000	0.0000	0.1002	0.1974	-0.1107	0.0000
Beam 29: End 2: 15: TERM	0.0000	0.0000	12.9347	59.8877	10.8279	0.0000
Beam 29: End 2: 16: RITIRO	0.0000	0.0000	-9.6579	-44.7161	-8.0848	0.0000
Beam 29: End 2: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Beam 29: End 2: 18: SISMA_H	0.0000	0.0000	64.9854	95.3399	-53.9200	0.0000
Beam 29: End 2: 19: SISMA_V	0.0000	0.0000	0.0034	-9.1273	-18.1051	0.0000
Beam 29: End 2: 20: SPSSX	0.0000	0.0000	33.4044	61.6382	-40.5723	0.0000
Beam 29: End 2: 21: SPSDX	0.0000	0.0000	-128.8736	-35.7346	16.9371	0.0000
Beam 29: End 2: 22: SLU01 [Combination 1]	0.0000	0.0000	-84.6480	-193.6949	-706.8667	0.0000
Beam 29: End 2: 23: SLU02 [Combination 2]	0.0000	0.0000	-134.1477	-350.1047	-694.7325	0.0000
Beam 29: End 2: 24: SLU03 [Combination 3]	0.0000	0.0000	-109.8702	-239.2842	-676.3622	0.0000
Beam 29: End 2: 25: SLU04 [Combination 4]	0.0000	0.0000	-74.1250	-173.2891	-719.7673	0.0000
Beam 29: End 2: 26: SLU05 [Combination 5]	0.0000	0.0000	-120.9761	-173.9250	-716.4669	0.0000
Beam 29: End 2: 27: SLU06 [Combination 6]	0.0000	0.0000	-168.7696	-146.7850	-423.2151	0.0000

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Beam 29: End 2: 28: SLU07 [Combination 7]	0.0000	0.0000	-85.7662	-227.1881	-729.5124	0.0000
Beam 29: End 2: 29: SLU08 [Combination 8]	0.0000	0.0000	-107.4208	-71.9266	-328.0017	0.0000
Beam 29: End 2: 30: SLU09 [Combination 9]	0.0000	0.0000	-121.8216	-267.1319	-666.9319	0.0000
Beam 29: End 2: 31: SLU10 [Combination 10]	0.0000	0.0000	-320.2734	-472.5176	-624.5402	0.0000
Beam 29: End 2: 32: SLU11 [Combination 11]	0.0000	0.0000	-214.4462	-438.4121	-671.4780	0.0000
Beam 29: End 2: 33: SLU12 [Combination 12]	0.0000	0.0000	-175.6420	-258.7490	-638.9944	0.0000
Beam 29: End 2: 34: SLU13 [Combination 13]	0.0000	0.0000	-90.9102	-184.6329	-658.0871	0.0000
Beam 29: End 2: 35: SLU14 [Combination 14]	0.0000	0.0000	-135.8880	-332.6338	-651.3894	0.0000
Beam 29: End 2: 36: SLU15 [Combination 15]	0.0000	0.0000	-111.6106	-221.8134	-633.0190	0.0000
Beam 29: End 2: 37: SLU16 [Combination 16]	0.0000	0.0000	-80.3872	-164.2271	-670.9878	0.0000
Beam 29: End 2: 38: SLU17 [Combination 17]	0.0000	0.0000	-127.2383	-164.8630	-667.6873	0.0000
Beam 29: End 2: 39: SLU18 [Combination 18]	0.0000	0.0000	-173.2914	-155.1939	-417.7787	0.0000
Beam 29: End 2: 40: SLU19 [Combination 19]	0.0000	0.0000	-92.0284	-218.1261	-680.7328	0.0000
Beam 29: End 2: 41: SLU20 [Combination 20]	0.0000	0.0000	-111.9426	-80.3355	-322.5652	0.0000
Beam 29: End 2: 42: SLU21 [Combination 21]	0.0000	0.0000	-126.3512	-254.6560	-620.0680	0.0000
Beam 29: End 2: 43: SLU22 [Combination 22]	0.0000	0.0000	-304.3403	-446.3059	-585.7239	0.0000
Beam 29: End 2: 44: SLU23 [Combination 23]	0.0000	0.0000	-218.0714	-424.2545	-625.7013	0.0000
Beam 29: End 2: 45: SLU24 [Combination 24]	0.0000	0.0000	-179.2673	-244.5914	-593.2177	0.0000
Beam 29: End 2: 46: SLU25 [Combination 25]	0.0000	0.0000	-98.7202	-221.7510	-692.5741	0.0000
Beam 29: End 2: 47: SLU26 [Combination 26]	0.0000	0.0000	-103.2498	-209.2752	-645.7101	0.0000
Beam 29: End 2: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	-214.0097	-155.9821	-384.2377	0.0000
Beam 29: End 2: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	-214.0117	-150.5057	-373.3746	0.0000
Beam 29: End 2: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	-181.7025	-249.2891	-333.9071	0.0000
Beam 29: End 2: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	-181.7045	-243.8127	-323.0440	0.0000
Beam 29: End 2: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	-169.2856	-204.0949	-371.0233	0.0000

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Beam 29: End 2: 53: SLU_SISMA06 [Combination 32] 0.0000	0.0000	0.0000	-169.2924	-185.8403	-334.8130
Beam 29: End 2: 54: SLU_SISMA07 [Combination 33] 0.0000	0.0000	0.0000	-159.5934	-232.0870	-355.9241
Beam 29: End 2: 55: SLU_SISMA08 [Combination 34] 0.0000	0.0000	0.0000	-159.6002	-213.8324	-319.7138
Beam 29: End 2: 56: SLU_SISMA09 [Combination 35] 0.0000	0.0000	0.0000	-214.8734	-154.7321	-377.5095
Beam 29: End 2: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	-214.8755	-149.2558	-366.6464
Beam 29: End 2: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	-182.5663	-248.0391	-327.1789
Beam 29: End 2: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	-182.5683	-242.5628	-316.3158
Beam 29: End 2: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	-170.1493	-202.8449	-364.2951
Beam 29: End 2: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	-170.1561	-184.5904	-328.0848
Beam 29: End 2: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	-160.4572	-230.8370	-349.1959
Beam 29: End 2: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	-160.4640	-212.5825	-312.9856
Beam 29: End 2: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	-214.8741	-286.0323	-402.6084
Beam 29: End 2: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	-146.6646	-110.3522	-447.8683
Beam 29: End 2: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	-93.9974	-209.4905	-479.2056
Beam 29: End 2: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	-207.6224	-274.3266	-379.2499
Beam 29: End 2: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	-141.3247	-102.4134	-422.3960

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Beam 29: End 2: 69: SLE_RARA06 [Combination 48]	0.0000	0.0000	-97.4524	-204.4908	-452.2927	0.0000
Beam 29: End 2: 70: SLE_RARA07 [Combination 49]	0.0000	0.0000	-91.0862	-195.2017	-497.1713	0.0000
Beam 29: End 2: 71: SLE_RARA08 [Combination 50]	0.0000	0.0000	-94.2101	-186.5977	-464.8513	0.0000
Beam 29: End 2: 72: SLE_QPERM01 [Combination 51]	0.0000	0.0000	-144.2127	-141.1839	-283.5200	0.0000
Beam 29: End 2: 73: SLE_FREQ01 [Combination 52]	0.0000	0.0000	-96.1379	-184.5814	-455.5632	0.0000
Beam 29: End 2: 74: SLE_FREQ02 [Combination 53]	0.0000	0.0000	-98.6370	-177.6982	-429.7073	0.0000
Beam 29: End 2: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	320.2734	472.5176	729.5124	0.0000
Beam 29: End 2: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	320.2734	472.5176	729.5124	0.0000
Beam 29: End 2: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	214.8755	249.2891	384.2377	0.0000
Beam 29: End 2: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	214.8741	286.0323	497.1713	0.0000
Beam 29: End 2: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	98.6370	184.5814	455.5632	0.0000
Beam 29: End 2: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	144.2127	141.1839	283.5200	0.0000
Beam 30: End 1: 1: PP	0.0000	0.0000	-38.0766	-108.8696	-161.3153	0.0000
Beam 30: End 1: 2: PERM	0.0000	0.0000	-2.3418	-30.1930	-59.2142	0.0000
Beam 30: End 1: 3: SPTSX	0.0000	0.0000	27.0753	9.7225	-33.7834	0.0000
Beam 30: End 1: 4: SPTDX	0.0000	0.0000	-57.8648	135.7280	9.4298	0.0000
Beam 30: End 1: 5: SPTW	0.0000	0.0000	3.1266	4.8195	-3.0756	0.0000
Beam 30: End 1: 6: ACC_LM71	0.0000	0.0000	0.0311	-83.6467	-165.8343	0.0000
Beam 30: End 1: 7: ACC_SW2	0.0000	0.0000	0.0258	-69.2357	-137.2636	0.0000
Beam 30: End 1: 8: SPACCSX_LM71	0.0000	0.0000	18.1165	7.4218	-21.7800	0.0000

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Beam 30: End 1: 9: SPACCDX_LM71	0.0000	0.0000	-37.7434	52.3008	10.4664	0.0000
Beam 30: End 1: 10: SPACCSX_SW2	0.0000	0.0000	14.9980	6.1444	-18.0307	0.0000
Beam 30: End 1: 11: SPACCDX_SW2	0.0000	0.0000	-31.2447	43.2926	8.6656	0.0000
Beam 30: End 1: 12: AVV_LM71	0.0000	0.0000	32.9299	17.1360	-36.4083	0.0000
Beam 30: End 1: 13: FREN_SW2	0.0000	0.0000	31.7350	16.5142	-35.0872	0.0000
Beam 30: End 1: 14: SERP	0.0000	0.0000	0.1002	0.0521	-0.1107	0.0000
Beam 30: End 1: 15: TERM	0.0000	0.0000	12.9347	41.1324	10.8279	0.0000
Beam 30: End 1: 16: RITIRO	0.0000	0.0000	-9.6579	-30.7122	-8.0848	0.0000
Beam 30: End 1: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Beam 30: End 1: 18: SISMA_H	0.0000	0.0000	56.9669	6.9245	-53.9200	0.0000
Beam 30: End 1: 19: SISMA_V	0.0000	0.0000	0.0034	-9.1322	-18.1051	0.0000
Beam 30: End 1: 20: SPSSX	0.0000	0.0000	33.4044	13.2018	-40.5723	0.0000
Beam 30: End 1: 21: SPSDX	0.0000	0.0000	-74.3536	111.6051	16.9371	0.0000
Beam 30: End 1: 22: SLU01 [Combination 1]	0.0000	0.0000	-8.5164	-127.6725	-658.8590	0.0000
Beam 30: End 1: 23: SLU02 [Combination 2]	0.0000	0.0000	-58.0161	-212.3078	-646.7249	0.0000
Beam 30: End 1: 24: SLU03 [Combination 3]	0.0000	0.0000	-33.6910	-136.7473	-628.3545	0.0000
Beam 30: End 1: 25: SLU04 [Combination 4]	0.0000	0.0000	2.0542	-122.5828	-671.7596	0.0000
Beam 30: End 1: 26: SLU05 [Combination 5]	0.0000	0.0000	-18.1984	-75.0780	-668.4592	0.0000
Beam 30: End 1: 27: SLU06 [Combination 6]	0.0000	0.0000	-65.9920	21.3627	-375.2074	0.0000
Beam 30: End 1: 28: SLU07 [Combination 7]	0.0000	0.0000	-9.5870	-159.6019	-681.5047	0.0000
Beam 30: End 1: 29: SLU08 [Combination 8]	0.0000	0.0000	-31.2416	27.0587	-292.4404	0.0000
Beam 30: End 1: 30: SLU09 [Combination 9]	0.0000	0.0000	-45.6424	-147.2654	-618.9243	0.0000
Beam 30: End 1: 31: SLU10 [Combination 10]	0.0000	0.0000	-179.6507	-112.1271	-576.5326	0.0000
Beam 30: End 1: 32: SLU11 [Combination 11]	0.0000	0.0000	-111.6685	-204.0334	-623.4703	0.0000
Beam 30: End 1: 33: SLU12 [Combination 12]	0.0000	0.0000	-72.8644	-80.6364	-590.9867	0.0000
Beam 30: End 1: 34: SLU13 [Combination 13]	0.0000	0.0000	-14.7787	-109.5303	-610.0794	0.0000
Beam 30: End 1: 35: SLU14 [Combination 14]	0.0000	0.0000	-59.7565	-192.3134	-603.3817	0.0000
Beam 30: End 1: 36: SLU15 [Combination 15]	0.0000	0.0000	-35.4314	-116.7528	-585.0113	0.0000
Beam 30: End 1: 37: SLU16 [Combination 16]	0.0000	0.0000	-4.2080	-104.4406	-622.9801	0.0000
Beam 30: End 1: 38: SLU17 [Combination 17]	0.0000	0.0000	-24.4606	-56.9358	-619.6796	0.0000

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Beam 30: End 1: 39: SLU18 [Combination 18]	0.0000	0.0000	-70.5138	19.5104	-369.7710	0.0000
Beam 30: End 1: 40: SLU19 [Combination 19]	0.0000	0.0000	-15.8492	-141.4597	-632.7252	0.0000
Beam 30: End 1: 41: SLU20 [Combination 20]	0.0000	0.0000	-35.7634	25.2065	-287.0040	0.0000
Beam 30: End 1: 42: SLU21 [Combination 21]	0.0000	0.0000	-50.1720	-128.2216	-572.0603	0.0000
Beam 30: End 1: 43: SLU22 [Combination 22]	0.0000	0.0000	-170.2354	-104.2930	-537.7162	0.0000
Beam 30: End 1: 44: SLU23 [Combination 23]	0.0000	0.0000	-115.2938	-184.6192	-577.6936	0.0000
Beam 30: End 1: 45: SLU24 [Combination 24]	0.0000	0.0000	-76.4896	-61.2221	-545.2100	0.0000
Beam 30: End 1: 46: SLU25 [Combination 25]	0.0000	0.0000	-22.5410	-135.3816	-644.5664	0.0000
Beam 30: End 1: 47: SLU26 [Combination 26]	0.0000	0.0000	-27.0706	-116.3378	-597.7024	0.0000
Beam 30: End 1: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	-91.3766	63.9012	-348.6765	0.0000
Beam 30: End 1: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	-91.3786	69.3805	-337.8134	0.0000
Beam 30: End 1: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	-97.5524	-48.3511	-298.3459	0.0000
Beam 30: End 1: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	-97.5545	-42.8717	-287.4828	0.0000
Beam 30: End 1: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	-79.2035	-25.4621	-335.4620	0.0000
Beam 30: End 1: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	-79.2103	-7.1976	-299.2518	0.0000
Beam 30: End 1: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	-81.0563	-59.1378	-320.3628	0.0000
Beam 30: End 1: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	-81.0631	-40.8733	-284.1526	0.0000
Beam 30: End 1: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	-92.2404	66.4035	-341.9482	0.0000
Beam 30: End 1: 57: SLU_SISMA10 [Combination 36]	0.0000	0.0000	-92.2424	71.8829	-331.0852	0.0000
Beam 30: End 1: 58: SLU_SISMA11 [Combination 37]	0.0000	0.0000	-98.4162	-45.8487	-291.6176	0.0000

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Beam 30: End 1: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	-98.4182	-40.3694	-280.7546
Beam 30: End 1: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	-80.0673	-22.9597	-328.7338
Beam 30: End 1: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	-80.0741	-4.6953	-292.5235
Beam 30: End 1: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	-81.9200	-56.6354	-313.6346
Beam 30: End 1: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	-81.9268	-38.3709	-277.4244
Beam 30: End 1: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	-117.8626	-46.3201	-367.0471
Beam 30: End 1: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	-49.6530	30.4563	-412.3070
Beam 30: End 1: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	-33.0649	-118.6010	-443.6443
Beam 30: End 1: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	-114.2068	-42.5223	-343.6887
Beam 30: End 1: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	-47.9091	33.2592	-386.8348
Beam 30: End 1: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	-36.5200	-108.5915	-416.7315
Beam 30: End 1: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	-30.1538	-108.5333	-461.6101
Beam 30: End 1: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	-33.2776	-95.3997	-429.2901
Beam 30: End 1: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	-68.0812	11.2074	-247.9588
Beam 30: End 1: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	-35.2054	-90.5882	-420.0020
Beam 30: End 1: 74: SLE_FREQ02 [Combination 53] 0.0000	0.0000	0.0000	-37.7045	-80.0813	-394.1460

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Beam 30: End 1: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	179.6507	212.3078	681.5047	
0.0000						
Beam 30: End 1: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	179.6507	212.3078	681.5047	
0.0000						
Beam 30: End 1: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	98.4182	71.8829	348.6765	0.0000
Beam 30: End 1: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	117.8626	118.6010	461.6101	
0.0000						
Beam 30: End 1: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	37.7045	90.5882	420.0020	
0.0000						
Beam 30: End 1: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	68.0812	11.2074	247.9588	
0.0000						
Beam 30: End 2: 1: PP	0.0000	0.0000	-38.0766	-136.6654	-179.2185	0.0000
Beam 30: End 2: 2: PERM	0.0000	0.0000	-2.3418	-31.9025	-59.2142	0.0000
Beam 30: End 2: 3: SPTSX	0.0000	0.0000	27.0753	29.4875	-33.7834	0.0000
Beam 30: End 2: 4: SPTDX	0.0000	0.0000	-94.6203	80.3152	9.4298	0.0000
Beam 30: End 2: 5: SPTW	0.0000	0.0000	3.1266	7.1019	-3.0756	0.0000
Beam 30: End 2: 6: ACC_LM71	0.0000	0.0000	0.0311	-83.6240	-165.8343	0.0000
Beam 30: End 2: 7: ACC_SW2	0.0000	0.0000	0.0258	-69.2169	-137.2636	0.0000
Beam 30: End 2: 8: SPACCSX_LM71	0.0000	0.0000	18.1165	20.6468	-21.7800	0.0000
Beam 30: End 2: 9: SPACCDX_LM71	0.0000	0.0000	-50.8834	19.9520	10.4664	0.0000
Beam 30: End 2: 10: SPACCSX_SW2	0.0000	0.0000	14.9980	17.0929	-18.0307	0.0000
Beam 30: End 2: 11: SPACCDX_SW2	0.0000	0.0000	-42.1217	16.5139	8.6656	0.0000
Beam 30: End 2: 12: AVV_LM71	0.0000	0.0000	32.9299	41.1748	-36.4083	0.0000
Beam 30: End 2: 13: FREN_SW2	0.0000	0.0000	31.7350	39.6807	-35.0872	0.0000
Beam 30: End 2: 14: SERP	0.0000	0.0000	0.1002	0.1252	-0.1107	0.0000
Beam 30: End 2: 15: TERM	0.0000	0.0000	12.9347	50.5747	10.8279	0.0000
Beam 30: End 2: 16: RITIRO	0.0000	0.0000	-9.6579	-37.7624	-8.0848	0.0000
Beam 30: End 2: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Beam 30: End 2: 18: SISMA_H	0.0000	0.0000	61.0038	49.9838	-53.9200	0.0000
Beam 30: End 2: 19: SISMA_V	0.0000	0.0000	0.0034	-9.1297	-18.1051	0.0000
Beam 30: End 2: 20: SPSSX	0.0000	0.0000	33.4044	37.5870	-40.5723	0.0000

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Beam 30: End 2: 21: SPSDX	0.0000	0.0000	-101.8016	47.3084	16.9371	0.0000	
Beam 30: End 2: 22: SLU01 [Combination 1]	0.0000	0.0000	-45.2719	-147.0610	-683.0284	0.0000	
Beam 30: End 2: 23: SLU02 [Combination 2]	0.0000	0.0000	-94.7716	-267.8310	-670.8942	0.0000	
Beam 30: End 2: 24: SLU03 [Combination 3]	0.0000	0.0000	-70.4465	-174.5132	-652.5239	0.0000	
Beam 30: End 2: 25: SLU04 [Combination 4]	0.0000	0.0000	-34.7013	-134.2547	-695.9290	0.0000	
Beam 30: End 2: 26: SLU05 [Combination 5]	0.0000	0.0000	-67.8184	-106.1444	-692.6286	0.0000	
Beam 30: End 2: 27: SLU06 [Combination 6]	0.0000	0.0000	-115.6119	-44.5930	-399.3768	0.0000	
Beam 30: End 2: 28: SLU07 [Combination 7]	0.0000	0.0000	-46.3425	-179.7719	-705.6741	0.0000	
Beam 30: End 2: 29: SLU08 [Combination 8]	0.0000	0.0000	-67.9971	-8.9192	-310.3437	0.0000	
Beam 30: End 2: 30: SLU09 [Combination 9]	0.0000	0.0000	-82.3979	-193.7558	-643.0936	0.0000	
Beam 30: End 2: 31: SLU10 [Combination 10]	0.0000	0.0000	-248.3237	-268.0080	-600.7019	0.0000	
Beam 30: End 2: 32: SLU11 [Combination 11]	0.0000	0.0000	-161.2885	-303.3330	-647.6397	0.0000	
Beam 30: End 2: 33: SLU12 [Combination 12]	0.0000	0.0000	-122.4843	-151.6089	-615.1561	0.0000	
Beam 30: End 2: 34: SLU13 [Combination 13]	0.0000	0.0000	-51.5342	-133.4902	-634.2488	0.0000	
Beam 30: End 2: 35: SLU14 [Combination 14]	0.0000	0.0000	-96.5120	-249.1071	-627.5511	0.0000	
Beam 30: End 2: 36: SLU15 [Combination 15]	0.0000	0.0000	-72.1869	-155.7893	-609.1807	0.0000	
Beam 30: End 2: 37: SLU16 [Combination 16]	0.0000	0.0000	-40.9635	-120.6839	-647.1495	0.0000	
Beam 30: End 2: 38: SLU17 [Combination 17]	0.0000	0.0000	-74.0806	-92.5736	-643.8490	0.0000	
Beam 30: End 2: 39: SLU18 [Combination 18]	0.0000	0.0000	-120.1337	-49.7462	-393.9404	0.0000	
Beam 30: End 2: 40: SLU19 [Combination 19]	0.0000	0.0000	-52.6047	-166.2011	-656.8945	0.0000	
Beam 30: End 2: 41: SLU20 [Combination 20]	0.0000	0.0000	-72.5189	-14.0723	-304.9072	0.0000	
Beam 30: End 2: 42: SLU21 [Combination 21]	0.0000	0.0000	-86.9275	-178.0187	-596.2297	0.0000	
Beam 30: End 2: 43: SLU22 [Combination 22]	0.0000	0.0000	-235.6270	-252.1030	-561.8856	0.0000	
Beam 30: End 2: 44: SLU23 [Combination 23]	0.0000	0.0000	-164.9137	-286.5652	-601.8630	0.0000	
Beam 30: End 2: 45: SLU24 [Combination 24]	0.0000	0.0000	-126.1096	-134.8411	-569.3794	0.0000	
Beam 30: End 2: 46: SLU25 [Combination 25]	0.0000	0.0000	-59.2965	-165.0080	-668.7358	0.0000	
Beam 30: End 2: 47: SLU26 [Combination 26]	0.0000	0.0000	-63.8261	-149.2708	-621.8718	0.0000	
Beam 30: End 2: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	-151.5432	-24.5203	-366.5797		
0.0000							
Beam 30: End 2: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	-151.5452	-19.0425	-355.7166		
0.0000							

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Beam 30: End 2: 50: SLU_SISMA03 [Combination 29] 0.0000	0.0000	0.0000	-138.3448	-134.2093	-316.2491
Beam 30: End 2: 51: SLU_SISMA04 [Combination 30] 0.0000	0.0000	0.0000	-138.3469	-128.7315	-305.3860
Beam 30: End 2: 52: SLU_SISMA05 [Combination 31] 0.0000	0.0000	0.0000	-122.9824	-99.0157	-353.3653
Beam 30: End 2: 53: SLU_SISMA06 [Combination 32] 0.0000	0.0000	0.0000	-122.9892	-80.7562	-317.1550
Beam 30: End 2: 54: SLU_SISMA07 [Combination 33] 0.0000	0.0000	0.0000	-119.0229	-131.9224	-338.2661
Beam 30: End 2: 55: SLU_SISMA08 [Combination 34] 0.0000	0.0000	0.0000	-119.0297	-113.6629	-302.0558
Beam 30: End 2: 56: SLU_SISMA09 [Combination 35] 0.0000	0.0000	0.0000	-152.4070	-22.6485	-359.8515
Beam 30: End 2: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	-152.4090	-17.1707	-348.9884
Beam 30: End 2: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	-139.2086	-132.3375	-309.5209
Beam 30: End 2: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	-139.2106	-126.8596	-298.6578
Beam 30: End 2: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	-123.8461	-97.1439	-346.6371
Beam 30: End 2: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	-123.8529	-78.8844	-310.4268
Beam 30: End 2: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	-119.8866	-130.0506	-331.5379
Beam 30: End 2: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	-119.8934	-111.7911	-295.3276
Beam 30: End 2: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	-165.1301	-149.3681	-384.9504
Beam 30: End 2: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	-96.9205	-22.7988	-430.2103

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Beam 30: End 2: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	-62.4693	-153.2756	-461.5476	
Beam 30: End 2: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	-159.6639	-142.2408	-361.5919	
Beam 30: End 2: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	-93.3662	-18.0620	-404.7380	
Beam 30: End 2: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	-65.9244	-145.7882	-434.6347	
Beam 30: End 2: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	-59.5582	-141.0828	-479.5133	
Beam 30: End 2: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	-62.6820	-130.2296	-447.1933	
Beam 30: End 2: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	-104.8367	-51.6634	-265.8620	
Beam 30: End 2: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	-64.6098	-126.8254	-437.9052	
Beam 30: End 2: 74: SLE_FREQ02 [Combination 53] 0.0000	0.0000	0.0000	-67.1089	-118.1428	-412.0493	
Beam 30: End 2: 75: SLU/SLV [Absolute Envelope 1] 0.0000	0.0000	0.0000	248.3237	303.3330	705.6741	
Beam 30: End 2: 76: SLU [Absolute Envelope 2] 0.0000	0.0000	0.0000	248.3237	303.3330	705.6741	
Beam 30: End 2: 77: SLV [Absolute Envelope 3] 0.0000	0.0000	0.0000	152.4090	134.2093	366.5797	
Beam 30: End 2: 78: SLE R [Absolute Envelope 4] 0.0000	0.0000	0.0000	165.1301	153.2756	479.5133	
Beam 30: End 2: 79: SLE F [Absolute Envelope 5] 0.0000	0.0000	0.0000	67.1089	126.8254	437.9052	
Beam 30: End 2: 80: SLE QP [Absolute Envelope 6] 0.0000	0.0000	0.0000	104.8367	51.6634	265.8620	
Beam 31: End 1: 1: PP	0.0000	0.0000	-38.0766	-81.4544	-143.6573	0.0000
Beam 31: End 1: 2: PERM	0.0000	0.0000	-2.3418	-28.5069	-59.2142	0.0000

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Beam 31: End 1: 3: SPTSX	0.0000	0.0000	27.0753	-9.7718	-33.7834	0.0000	
Beam 31: End 1: 4: SPTDX	0.0000	0.0000	-25.6088	165.5365	9.4298	0.0000	
Beam 31: End 1: 5: SPTW	0.0000	0.0000	3.1266	2.5683	-3.0756	0.0000	
Beam 31: End 1: 6: ACC_LM71	0.0000	0.0000	0.0311	-83.6692	-165.8343	0.0000	
Beam 31: End 1: 7: ACC_SW2	0.0000	0.0000	0.0258	-69.2543	-137.2636	0.0000	
Beam 31: End 1: 8: SPACCSX_LM71	0.0000	0.0000	18.1165	-5.6221	-21.7800	0.0000	
Beam 31: End 1: 9: SPACCDX_LM71	0.0000	0.0000	-24.7834	74.8105	10.4664	0.0000	
Beam 31: End 1: 10: SPACCSX_SW2	0.0000	0.0000	14.9980	-4.6541	-18.0307	0.0000	
Beam 31: End 1: 11: SPACCDX_SW2	0.0000	0.0000	-20.5167	61.9268	8.6656	0.0000	
Beam 31: End 1: 12: AVV_LM71	0.0000	0.0000	32.9299	-6.5736	-36.4083	0.0000	
Beam 31: End 1: 13: FREN_SW2	0.0000	0.0000	31.7350	-6.3351	-35.0872	0.0000	
Beam 31: End 1: 14: SERP	0.0000	0.0000	0.1002	-0.0200	-0.1107	0.0000	
Beam 31: End 1: 15: TERM	0.0000	0.0000	12.9347	31.8194	10.8279	0.0000	
Beam 31: End 1: 16: RITIRO	0.0000	0.0000	-9.6579	-23.7585	-8.0848	0.0000	
Beam 31: End 1: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Beam 31: End 1: 18: SISMA_H	0.0000	0.0000	52.9853	-32.6583	-53.9200	0.0000	
Beam 31: End 1: 19: SISMA_V	0.0000	0.0000	0.0034	-9.1347	-18.1051	0.0000	
Beam 31: End 1: 20: SPSSX	0.0000	0.0000	33.4044	-10.8494	-40.5723	0.0000	
Beam 31: End 1: 21: SPSDX	0.0000	0.0000	-47.2816	155.3937	16.9371	0.0000	
Beam 31: End 1: 22: SLU01 [Combination 1]	0.0000	0.0000	23.7396	-133.3947	-635.0207	0.0000	
Beam 31: End 1: 23: SLU02 [Combination 2]	0.0000	0.0000	-25.7601	-182.3903	-622.8866	0.0000	
Beam 31: End 1: 24: SLU03 [Combination 3]	0.0000	0.0000	-1.4350	-124.3438	-604.5162	0.0000	
Beam 31: End 1: 25: SLU04 [Combination 4]	0.0000	0.0000	34.3102	-135.9159	-647.9213	0.0000	
Beam 31: End 1: 26: SLU05 [Combination 5]	0.0000	0.0000	25.3472	-77.9781	-644.6209	0.0000	
Beam 31: End 1: 27: SLU06 [Combination 6]	0.0000	0.0000	-22.4464	52.8739	-351.3691	0.0000	
Beam 31: End 1: 28: SLU07 [Combination 7]	0.0000	0.0000	22.6690	-164.5533	-657.6664	0.0000	
Beam 31: End 1: 29: SLU08 [Combination 8]	0.0000	0.0000	1.0144	37.6986	-274.7824	0.0000	
Beam 31: End 1: 30: SLU09 [Combination 9]	0.0000	0.0000	-13.3864	-126.2569	-595.0860	0.0000	
Beam 31: End 1: 31: SLU10 [Combination 10]	0.0000	0.0000	-117.3131	-5.5467	-552.6943	0.0000	
Beam 31: End 1: 32: SLU11 [Combination 11]	0.0000	0.0000	-68.1229	-139.6351	-599.6320	0.0000	

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Beam 31: End 1: 33: SLU12 [Combination 12]	0.0000	0.0000	-29.3188	-44.1770	-567.1484	0.0000
Beam 31: End 1: 34: SLU13 [Combination 13]	0.0000	0.0000	17.4773	-110.7437	-586.2411	0.0000
Beam 31: End 1: 35: SLU14 [Combination 14]	0.0000	0.0000	-27.5005	-161.1428	-579.5434	0.0000
Beam 31: End 1: 36: SLU15 [Combination 15]	0.0000	0.0000	-3.1754	-103.0963	-561.1730	0.0000
Beam 31: End 1: 37: SLU16 [Combination 16]	0.0000	0.0000	28.0480	-113.2649	-599.1418	0.0000
Beam 31: End 1: 38: SLU17 [Combination 17]	0.0000	0.0000	19.0850	-55.3271	-595.8413	0.0000
Beam 31: End 1: 39: SLU18 [Combination 18]	0.0000	0.0000	-26.9682	54.2774	-345.9327	0.0000
Beam 31: End 1: 40: SLU19 [Combination 19]	0.0000	0.0000	16.4068	-141.9023	-608.8869	0.0000
Beam 31: End 1: 41: SLU20 [Combination 20]	0.0000	0.0000	-3.5074	39.1021	-269.3460	0.0000
Beam 31: End 1: 42: SLU21 [Combination 21]	0.0000	0.0000	-17.9160	-103.9518	-548.2220	0.0000
Beam 31: End 1: 43: SLU22 [Combination 22]	0.0000	0.0000	-111.1342	-3.3265	-513.8779	0.0000
Beam 31: End 1: 44: SLU23 [Combination 23]	0.0000	0.0000	-71.7482	-117.6107	-553.8553	0.0000
Beam 31: End 1: 45: SLU24 [Combination 24]	0.0000	0.0000	-32.9440	-22.1526	-521.3717	0.0000
Beam 31: End 1: 46: SLU25 [Combination 25]	0.0000	0.0000	9.7150	-131.0061	-620.7281	0.0000
Beam 31: End 1: 47: SLU26 [Combination 26]	0.0000	0.0000	5.1854	-108.7010	-573.8641	0.0000
Beam 31: End 1: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	-36.0302	109.5257	-331.0185	0.0000
Beam 31: End 1: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	-36.0322	115.0065	-320.1554	0.0000
Beam 31: End 1: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	-61.3148	8.5992	-280.6879	0.0000
Beam 31: End 1: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	-61.3169	14.0800	-269.8248	0.0000
Beam 31: End 1: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	-40.0204	17.2166	-317.8040	0.0000
Beam 31: End 1: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	-40.0272	35.4860	-281.5938	0.0000
Beam 31: End 1: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	-47.6058	-13.0613	-302.7048	0.0000
Beam 31: End 1: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	-47.6126	5.2080	-266.4946	0.0000

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Beam 31: End 1: 56: SLU_SISMA09 [Combination 35] 0.0000	0.0000	0.0000	-36.8940	112.6500	-324.2902
Beam 31: End 1: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	-36.8960	118.1308	-313.4272
Beam 31: End 1: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	-62.1786	11.7235	-273.9596
Beam 31: End 1: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	-62.1806	17.2043	-263.0966
Beam 31: End 1: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	-40.8842	20.3409	-311.0758
Beam 31: End 1: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	-40.8910	38.6102	-274.8655
Beam 31: End 1: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	-48.4696	-9.9370	-295.9766
Beam 31: End 1: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	-48.4764	8.3323	-259.7664
Beam 31: End 1: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	-75.2386	22.9544	-349.3891
Beam 31: End 1: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	-7.0290	50.6199	-394.6490
Beam 31: End 1: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	-7.2601	-104.2775	-425.9863
Beam 31: End 1: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	-73.3684	24.7629	-326.0307
Beam 31: End 1: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	-7.0707	52.8100	-369.1768
Beam 31: End 1: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	-10.7152	-91.7804	-399.0735
Beam 31: End 1: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	-4.3490	-96.3059	-443.9521
Beam 31: End 1: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	-7.4728	-80.9231	-411.6321

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Beam 31: End 1: 72: SLE_QPERM01 [Combination 51]	0.0000	0.0000	-35.8252	48.3718	-230.3008	
0.0000						
Beam 31: End 1: 73: SLE_FREQ01 [Combination 52]	0.0000	0.0000	-9.4006	-74.7236	-402.3440	
0.0000						
Beam 31: End 1: 74: SLE_FREQ02 [Combination 53]	0.0000	0.0000	-11.8997	-62.4174	-376.4880	
0.0000						
Beam 31: End 1: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	117.3131	182.3903	657.6664	
0.0000						
Beam 31: End 1: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	117.3131	182.3903	657.6664	
0.0000						
Beam 31: End 1: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	62.1806	118.1308	331.0185	
0.0000						
Beam 31: End 1: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	75.2386	104.2775	443.9521	
0.0000						
Beam 31: End 1: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	11.8997	74.7236	402.3440	
0.0000						
Beam 31: End 1: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	35.8252	48.3718	230.3008	
0.0000						
Beam 31: End 2: 1: PP	0.0000	0.0000	-38.0766	-108.8696	-161.3153	0.0000
Beam 31: End 2: 2: PERM	0.0000	0.0000	-2.3418	-30.1930	-59.2142	0.0000
Beam 31: End 2: 3: SPTSX	0.0000	0.0000	27.0753	9.7225	-33.7834	0.0000
Beam 31: End 2: 4: SPTDX	0.0000	0.0000	-57.8648	135.7280	9.4298	0.0000
Beam 31: End 2: 5: SPTW	0.0000	0.0000	3.1266	4.8195	-3.0756	0.0000
Beam 31: End 2: 6: ACC_LM71	0.0000	0.0000	0.0311	-83.6467	-165.8343	0.0000
Beam 31: End 2: 7: ACC_SW2	0.0000	0.0000	0.0258	-69.2357	-137.2636	0.0000
Beam 31: End 2: 8: SPACCSX_LM71	0.0000	0.0000	18.1165	7.4218	-21.7800	0.0000
Beam 31: End 2: 9: SPACCDX_LM71	0.0000	0.0000	-37.7434	52.3008	10.4664	0.0000
Beam 31: End 2: 10: SPACCSX_SW2	0.0000	0.0000	14.9980	6.1444	-18.0307	0.0000
Beam 31: End 2: 11: SPACCDX_SW2	0.0000	0.0000	-31.2447	43.2926	8.6656	0.0000
Beam 31: End 2: 12: AVV_LM71	0.0000	0.0000	32.9299	17.1360	-36.4083	0.0000
Beam 31: End 2: 13: FREN_SW2	0.0000	0.0000	31.7350	16.5142	-35.0872	0.0000
Beam 31: End 2: 14: SERP	0.0000	0.0000	0.1002	0.0521	-0.1107	0.0000

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Beam 31: End 2: 15: TERM	0.0000	0.0000	12.9347	41.1324	10.8279	0.0000	
Beam 31: End 2: 16: RITIRO	0.0000	0.0000	-9.6579	-30.7122	-8.0848	0.0000	
Beam 31: End 2: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Beam 31: End 2: 18: SISMA_H	0.0000	0.0000	56.9669	6.9245	-53.9200	0.0000	
Beam 31: End 2: 19: SISMA_V	0.0000	0.0000	0.0034	-9.1322	-18.1051	0.0000	
Beam 31: End 2: 20: SPSSX	0.0000	0.0000	33.4044	13.2018	-40.5723	0.0000	
Beam 31: End 2: 21: SPSDX	0.0000	0.0000	-74.3536	111.6051	16.9371	0.0000	
Beam 31: End 2: 22: SLU01 [Combination 1]	0.0000	0.0000	-8.5164	-127.6725	-658.8590	0.0000	
Beam 31: End 2: 23: SLU02 [Combination 2]	0.0000	0.0000	-58.0161	-212.3078	-646.7249	0.0000	
Beam 31: End 2: 24: SLU03 [Combination 3]	0.0000	0.0000	-33.6910	-136.7473	-628.3545	0.0000	
Beam 31: End 2: 25: SLU04 [Combination 4]	0.0000	0.0000	2.0542	-122.5828	-671.7596	0.0000	
Beam 31: End 2: 26: SLU05 [Combination 5]	0.0000	0.0000	-18.1984	-75.0780	-668.4592	0.0000	
Beam 31: End 2: 27: SLU06 [Combination 6]	0.0000	0.0000	-65.9920	21.3627	-375.2074	0.0000	
Beam 31: End 2: 28: SLU07 [Combination 7]	0.0000	0.0000	-9.5870	-159.6019	-681.5047	0.0000	
Beam 31: End 2: 29: SLU08 [Combination 8]	0.0000	0.0000	-31.2416	27.0587	-292.4404	0.0000	
Beam 31: End 2: 30: SLU09 [Combination 9]	0.0000	0.0000	-45.6424	-147.2654	-618.9243	0.0000	
Beam 31: End 2: 31: SLU10 [Combination 10]	0.0000	0.0000	-179.6507	-112.1271	-576.5326	0.0000	
Beam 31: End 2: 32: SLU11 [Combination 11]	0.0000	0.0000	-111.6685	-204.0334	-623.4703	0.0000	
Beam 31: End 2: 33: SLU12 [Combination 12]	0.0000	0.0000	-72.8644	-80.6364	-590.9867	0.0000	
Beam 31: End 2: 34: SLU13 [Combination 13]	0.0000	0.0000	-14.7787	-109.5303	-610.0794	0.0000	
Beam 31: End 2: 35: SLU14 [Combination 14]	0.0000	0.0000	-59.7565	-192.3134	-603.3817	0.0000	
Beam 31: End 2: 36: SLU15 [Combination 15]	0.0000	0.0000	-35.4314	-116.7528	-585.0113	0.0000	
Beam 31: End 2: 37: SLU16 [Combination 16]	0.0000	0.0000	-4.2080	-104.4406	-622.9801	0.0000	
Beam 31: End 2: 38: SLU17 [Combination 17]	0.0000	0.0000	-24.4606	-56.9358	-619.6796	0.0000	
Beam 31: End 2: 39: SLU18 [Combination 18]	0.0000	0.0000	-70.5138	19.5104	-369.7710	0.0000	
Beam 31: End 2: 40: SLU19 [Combination 19]	0.0000	0.0000	-15.8492	-141.4597	-632.7252	0.0000	
Beam 31: End 2: 41: SLU20 [Combination 20]	0.0000	0.0000	-35.7634	25.2065	-287.0040	0.0000	
Beam 31: End 2: 42: SLU21 [Combination 21]	0.0000	0.0000	-50.1720	-128.2216	-572.0603	0.0000	
Beam 31: End 2: 43: SLU22 [Combination 22]	0.0000	0.0000	-170.2354	-104.2930	-537.7162	0.0000	
Beam 31: End 2: 44: SLU23 [Combination 23]	0.0000	0.0000	-115.2938	-184.6192	-577.6936	0.0000	

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Beam 31: End 2: 45: SLU24 [Combination 24]	0.0000	0.0000	-76.4896	-61.2221	-545.2100	0.0000
Beam 31: End 2: 46: SLU25 [Combination 25]	0.0000	0.0000	-22.5410	-135.3816	-644.5664	0.0000
Beam 31: End 2: 47: SLU26 [Combination 26]	0.0000	0.0000	-27.0706	-116.3378	-597.7024	0.0000
Beam 31: End 2: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	-91.3766	63.9012	-348.6765	0.0000
Beam 31: End 2: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	-91.3786	69.3805	-337.8134	0.0000
Beam 31: End 2: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	-97.5524	-48.3511	-298.3459	0.0000
Beam 31: End 2: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	-97.5545	-42.8717	-287.4828	0.0000
Beam 31: End 2: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	-79.2035	-25.4621	-335.4620	0.0000
Beam 31: End 2: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	-79.2103	-7.1976	-299.2518	0.0000
Beam 31: End 2: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	-81.0563	-59.1378	-320.3628	0.0000
Beam 31: End 2: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	-81.0631	-40.8733	-284.1526	0.0000
Beam 31: End 2: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	-92.2404	66.4035	-341.9482	0.0000
Beam 31: End 2: 57: SLU_SISMA10 [Combination 36]	0.0000	0.0000	-92.2424	71.8829	-331.0852	0.0000
Beam 31: End 2: 58: SLU_SISMA11 [Combination 37]	0.0000	0.0000	-98.4162	-45.8487	-291.6176	0.0000
Beam 31: End 2: 59: SLU_SISMA12 [Combination 38]	0.0000	0.0000	-98.4182	-40.3694	-280.7546	0.0000
Beam 31: End 2: 60: SLU_SISMA13 [Combination 39]	0.0000	0.0000	-80.0673	-22.9597	-328.7338	0.0000
Beam 31: End 2: 61: SLU_SISMA14 [Combination 40]	0.0000	0.0000	-80.0741	-4.6953	-292.5235	0.0000

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Beam 31: End 2: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	-81.9200	-56.6354	-313.6346
Beam 31: End 2: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	-81.9268	-38.3709	-277.4244
Beam 31: End 2: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	-117.8626	-46.3201	-367.0471
Beam 31: End 2: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	-49.6530	30.4563	-412.3070
Beam 31: End 2: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	-33.0649	-118.6010	-443.6443
Beam 31: End 2: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	-114.2068	-42.5223	-343.6887
Beam 31: End 2: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	-47.9091	33.2592	-386.8348
Beam 31: End 2: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	-36.5200	-108.5915	-416.7315
Beam 31: End 2: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	-30.1538	-108.5333	-461.6101
Beam 31: End 2: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	-33.2776	-95.3997	-429.2901
Beam 31: End 2: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	-68.0812	11.2074	-247.9588
Beam 31: End 2: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	-35.2054	-90.5882	-420.0020
Beam 31: End 2: 74: SLE_FREQ02 [Combination 53] 0.0000	0.0000	0.0000	-37.7045	-80.0813	-394.1460
Beam 31: End 2: 75: SLU/SLV [Absolute Envelope 1] 0.0000	0.0000	0.0000	179.6507	212.3078	681.5047
Beam 31: End 2: 76: SLU [Absolute Envelope 2] 0.0000	0.0000	0.0000	179.6507	212.3078	681.5047
Beam 31: End 2: 77: SLV [Absolute Envelope 3] 0.0000	0.0000	0.0000	98.4182	71.8829	348.6765
Beam 31: End 2: 78: SLE R [Absolute Envelope 4] 0.0000	0.0000	0.0000	117.8626	118.6010	461.6101

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Beam 31: End 2: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	37.7045	90.5882	420.0020	0.0000
Beam 31: End 2: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	68.0812	11.2074	247.9588	0.0000
Beam 32: End 1: 1: PP	0.0000	0.0000	-38.0766	-54.0393	-125.9993	0.0000
Beam 32: End 1: 2: PERM	0.0000	0.0000	-2.3418	-26.8208	-59.2142	0.0000
Beam 32: End 1: 3: SPTSX	0.0000	0.0000	27.0753	-29.2660	-33.7834	0.0000
Beam 32: End 1: 4: SPTDX	0.0000	0.0000	2.6512	173.5636	9.4298	0.0000
Beam 32: End 1: 5: SPTW	0.0000	0.0000	3.1266	0.3172	-3.0756	0.0000
Beam 32: End 1: 6: ACC_LM71	0.0000	0.0000	0.0311	-83.6916	-165.8343	0.0000
Beam 32: End 1: 7: ACC_SW2	0.0000	0.0000	0.0258	-69.2728	-137.2636	0.0000
Beam 32: End 1: 8: SPACCSX_LM71	0.0000	0.0000	18.1165	-18.6659	-21.7800	0.0000
Beam 32: End 1: 9: SPACCDX_LM71	0.0000	0.0000	-11.8234	87.9889	10.4664	0.0000
Beam 32: End 1: 10: SPACCSX_SW2	0.0000	0.0000	14.9980	-15.4527	-18.0307	0.0000
Beam 32: End 1: 11: SPACCDX_SW2	0.0000	0.0000	-9.7887	72.8367	8.6656	0.0000
Beam 32: End 1: 12: AVV_LM71	0.0000	0.0000	32.9299	-30.2831	-36.4083	0.0000
Beam 32: End 1: 13: FREN_SW2	0.0000	0.0000	31.7350	-29.1843	-35.0872	0.0000
Beam 32: End 1: 14: SERP	0.0000	0.0000	0.1002	-0.0921	-0.1107	0.0000
Beam 32: End 1: 15: TERM	0.0000	0.0000	12.9347	22.5064	10.8279	0.0000
Beam 32: End 1: 16: RITIRO	0.0000	0.0000	-9.6579	-16.8048	-8.0848	0.0000
Beam 32: End 1: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Beam 32: End 1: 18: SISMA_H	0.0000	0.0000	49.0037	-69.3744	-53.9200	0.0000
Beam 32: End 1: 19: SISMA_V	0.0000	0.0000	0.0034	-9.1371	-18.1051	0.0000
Beam 32: End 1: 20: SPSSX	0.0000	0.0000	33.4044	-34.9005	-40.5723	0.0000
Beam 32: End 1: 21: SPSDX	0.0000	0.0000	-20.2096	179.6906	16.9371	0.0000
Beam 32: End 1: 22: SLU01 [Combination 1]	0.0000	0.0000	51.9996	-160.8984	-611.1824	0.0000
Beam 32: End 1: 23: SLU02 [Combination 2]	0.0000	0.0000	2.4999	-174.2542	-599.0483	0.0000
Beam 32: End 1: 24: SLU03 [Combination 3]	0.0000	0.0000	26.8250	-133.7218	-580.6779	0.0000
Beam 32: End 1: 25: SLU04 [Combination 4]	0.0000	0.0000	62.5702	-171.0305	-624.0830	0.0000
Beam 32: End 1: 26: SLU05 [Combination 5]	0.0000	0.0000	63.4982	-110.2832	-620.7826	0.0000
Beam 32: End 1: 27: SLU06 [Combination 6]	0.0000	0.0000	15.7046	54.9801	-327.5308	0.0000

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Beam 32: End 1: 28: SLU07 [Combination 7]	0.0000	0.0000	50.9290	-191.2862	-633.8281	0.0000
Beam 32: End 1: 29: SLU08 [Combination 8]	0.0000	0.0000	29.2744	26.5570	-257.1244	0.0000
Beam 32: End 1: 30: SLU09 [Combination 9]	0.0000	0.0000	14.8736	-127.0299	-571.2477	0.0000
Beam 32: End 1: 31: SLU10 [Combination 10]	0.0000	0.0000	-60.3701	58.0985	-528.8560	0.0000
Beam 32: End 1: 32: SLU11 [Combination 11]	0.0000	0.0000	-29.9719	-104.6417	-575.7937	0.0000
Beam 32: End 1: 33: SLU12 [Combination 12]	0.0000	0.0000	8.8322	-37.1226	-543.3101	0.0000
Beam 32: End 1: 34: SLU13 [Combination 13]	0.0000	0.0000	45.7373	-133.7386	-562.4028	0.0000
Beam 32: End 1: 35: SLU14 [Combination 14]	0.0000	0.0000	0.7595	-151.7537	-555.7051	0.0000
Beam 32: End 1: 36: SLU15 [Combination 15]	0.0000	0.0000	25.0846	-111.2212	-537.3347	0.0000
Beam 32: End 1: 37: SLU16 [Combination 16]	0.0000	0.0000	56.3080	-143.8707	-575.3035	0.0000
Beam 32: End 1: 38: SLU17 [Combination 17]	0.0000	0.0000	57.2360	-83.1234	-572.0030	0.0000
Beam 32: End 1: 39: SLU18 [Combination 18]	0.0000	0.0000	11.1828	59.6393	-322.0944	0.0000
Beam 32: End 1: 40: SLU19 [Combination 19]	0.0000	0.0000	44.6668	-164.1264	-585.0486	0.0000
Beam 32: End 1: 41: SLU20 [Combination 20]	0.0000	0.0000	24.7526	31.2162	-251.6880	0.0000
Beam 32: End 1: 42: SLU21 [Combination 21]	0.0000	0.0000	10.3440	-101.4635	-524.3837	0.0000
Beam 32: End 1: 43: SLU22 [Combination 22]	0.0000	0.0000	-57.4276	57.0350	-490.0396	0.0000
Beam 32: End 1: 44: SLU23 [Combination 23]	0.0000	0.0000	-33.5972	-80.0071	-530.0170	0.0000
Beam 32: End 1: 45: SLU24 [Combination 24]	0.0000	0.0000	5.2070	-12.4880	-497.5334	0.0000
Beam 32: End 1: 46: SLU25 [Combination 25]	0.0000	0.0000	37.9750	-148.4121	-596.8898	0.0000
Beam 32: End 1: 47: SLU26 [Combination 26]	0.0000	0.0000	33.4454	-122.8457	-550.0258	0.0000
Beam 32: End 1: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	15.3202	116.7437	-313.3605	0.0000
Beam 32: End 1: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	15.3182	122.2260	-302.4974	0.0000
Beam 32: End 1: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	-29.0732	40.9013	-263.0299	0.0000
Beam 32: End 1: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	-29.0753	46.3836	-252.1668	0.0000
Beam 32: End 1: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	-4.8333	33.1264	-300.1460	0.0000

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Beam 32: End 1: 53: SLU_SISMA06 [Combination 32] 0.0000	0.0000	0.0000	-4.8401	51.4006	-263.9358
Beam 32: End 1: 54: SLU_SISMA07 [Combination 33] 0.0000	0.0000	0.0000	-18.1513	10.3737	-285.0468
Beam 32: End 1: 55: SLU_SISMA08 [Combination 34] 0.0000	0.0000	0.0000	-18.1581	28.6479	-248.8366
Beam 32: End 1: 56: SLU_SISMA09 [Combination 35] 0.0000	0.0000	0.0000	14.4564	120.4899	-306.6322
Beam 32: End 1: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	14.4544	125.9721	-295.7692
Beam 32: End 1: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	-29.9370	44.6475	-256.3016
Beam 32: End 1: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	-29.9390	50.1298	-245.4386
Beam 32: End 1: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	-5.6971	36.8725	-293.4178
Beam 32: End 1: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	-5.7039	55.1468	-257.2075
Beam 32: End 1: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	-19.0151	14.1198	-278.3186
Beam 32: End 1: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	-19.0219	32.3941	-242.1084
Beam 32: End 1: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	-36.6106	62.9825	-331.7311
Beam 32: End 1: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	31.5990	41.5371	-376.9910
Beam 32: End 1: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	15.3479	-107.3791	-408.3283
Beam 32: End 1: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	-36.5260	64.0873	-308.3727
Beam 32: End 1: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	29.7717	44.4001	-351.5188

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Beam 32: End 1: 69: SLE_RARA06 [Combination 48]	0.0000	0.0000	11.8928	-92.3944	-381.4155	
0.0000						
Beam 32: End 1: 70: SLE_RARA07 [Combination 49]	0.0000	0.0000	18.2590	-101.5036	-426.2941	
0.0000						
Beam 32: End 1: 71: SLE_RARA08 [Combination 50]	0.0000	0.0000	15.1352	-83.8716	-393.9741	
0.0000						
Beam 32: End 1: 72: SLE_QPERM01 [Combination 51]	0.0000	0.0000	-7.5652	63.7547	-212.6428	
0.0000						
Beam 32: End 1: 73: SLE_FREQ01 [Combination 52]	0.0000	0.0000	13.2074	-76.2842	-384.6860	
0.0000						
Beam 32: End 1: 74: SLE_FREQ02 [Combination 53]	0.0000	0.0000	10.7083	-62.1785	-358.8300	
0.0000						
Beam 32: End 1: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	63.4982	191.2862	633.8281	
0.0000						
Beam 32: End 1: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	63.4982	191.2862	633.8281	
0.0000						
Beam 32: End 1: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	29.9390	125.9721	313.3605	
0.0000						
Beam 32: End 1: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	36.6106	107.3791	426.2941	
0.0000						
Beam 32: End 1: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	13.2074	76.2842	384.6860	
0.0000						
Beam 32: End 1: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	7.5652	63.7547	212.6428	
0.0000						
Beam 32: End 2: 1: PP	0.0000	0.0000	-38.0766	-81.4544	-143.6573	0.0000
Beam 32: End 2: 2: PERM	0.0000	0.0000	-2.3418	-28.5069	-59.2142	0.0000
Beam 32: End 2: 3: SPTSX	0.0000	0.0000	27.0753	-9.7718	-33.7834	0.0000
Beam 32: End 2: 4: SPTDX	0.0000	0.0000	-25.6088	165.5365	9.4298	0.0000
Beam 32: End 2: 5: SPTW	0.0000	0.0000	3.1266	2.5683	-3.0756	0.0000
Beam 32: End 2: 6: ACC_LM71	0.0000	0.0000	0.0311	-83.6692	-165.8343	0.0000
Beam 32: End 2: 7: ACC_SW2	0.0000	0.0000	0.0258	-69.2543	-137.2636	0.0000
Beam 32: End 2: 8: SPACCSX_LM71	0.0000	0.0000	18.1165	-5.6221	-21.7800	0.0000

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Beam 32: End 2: 9: SPACCDX_LM71	0.0000	0.0000	-24.7834	74.8105	10.4664	0.0000
Beam 32: End 2: 10: SPACCSX_SW2	0.0000	0.0000	14.9980	-4.6541	-18.0307	0.0000
Beam 32: End 2: 11: SPACCDX_SW2	0.0000	0.0000	-20.5167	61.9268	8.6656	0.0000
Beam 32: End 2: 12: AVV_LM71	0.0000	0.0000	32.9299	-6.5736	-36.4083	0.0000
Beam 32: End 2: 13: FREN_SW2	0.0000	0.0000	31.7350	-6.3351	-35.0872	0.0000
Beam 32: End 2: 14: SERP	0.0000	0.0000	0.1002	-0.0200	-0.1107	0.0000
Beam 32: End 2: 15: TERM	0.0000	0.0000	12.9347	31.8194	10.8279	0.0000
Beam 32: End 2: 16: RITIRO	0.0000	0.0000	-9.6579	-23.7585	-8.0848	0.0000
Beam 32: End 2: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Beam 32: End 2: 18: SISMA_H	0.0000	0.0000	52.9853	-32.6583	-53.9200	0.0000
Beam 32: End 2: 19: SISMA_V	0.0000	0.0000	0.0034	-9.1347	-18.1051	0.0000
Beam 32: End 2: 20: SPSSX	0.0000	0.0000	33.4044	-10.8494	-40.5723	0.0000
Beam 32: End 2: 21: SPSDX	0.0000	0.0000	-47.2816	155.3937	16.9371	0.0000
Beam 32: End 2: 22: SLU01 [Combination 1]	0.0000	0.0000	23.7396	-133.3947	-635.0207	0.0000
Beam 32: End 2: 23: SLU02 [Combination 2]	0.0000	0.0000	-25.7601	-182.3903	-622.8866	0.0000
Beam 32: End 2: 24: SLU03 [Combination 3]	0.0000	0.0000	-1.4350	-124.3438	-604.5162	0.0000
Beam 32: End 2: 25: SLU04 [Combination 4]	0.0000	0.0000	34.3102	-135.9159	-647.9213	0.0000
Beam 32: End 2: 26: SLU05 [Combination 5]	0.0000	0.0000	25.3472	-77.9781	-644.6209	0.0000
Beam 32: End 2: 27: SLU06 [Combination 6]	0.0000	0.0000	-22.4464	52.8739	-351.3691	0.0000
Beam 32: End 2: 28: SLU07 [Combination 7]	0.0000	0.0000	22.6690	-164.5533	-657.6664	0.0000
Beam 32: End 2: 29: SLU08 [Combination 8]	0.0000	0.0000	1.0144	37.6986	-274.7824	0.0000
Beam 32: End 2: 30: SLU09 [Combination 9]	0.0000	0.0000	-13.3864	-126.2569	-595.0860	0.0000
Beam 32: End 2: 31: SLU10 [Combination 10]	0.0000	0.0000	-117.3131	-5.5467	-552.6943	0.0000
Beam 32: End 2: 32: SLU11 [Combination 11]	0.0000	0.0000	-68.1229	-139.6351	-599.6320	0.0000
Beam 32: End 2: 33: SLU12 [Combination 12]	0.0000	0.0000	-29.3188	-44.1770	-567.1484	0.0000
Beam 32: End 2: 34: SLU13 [Combination 13]	0.0000	0.0000	17.4773	-110.7437	-586.2411	0.0000
Beam 32: End 2: 35: SLU14 [Combination 14]	0.0000	0.0000	-27.5005	-161.1428	-579.5434	0.0000
Beam 32: End 2: 36: SLU15 [Combination 15]	0.0000	0.0000	-3.1754	-103.0963	-561.1730	0.0000
Beam 32: End 2: 37: SLU16 [Combination 16]	0.0000	0.0000	28.0480	-113.2649	-599.1418	0.0000
Beam 32: End 2: 38: SLU17 [Combination 17]	0.0000	0.0000	19.0850	-55.3271	-595.8413	0.0000

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Beam 32: End 2: 39: SLU18 [Combination 18]	0.0000	0.0000	-26.9682	54.2774	-345.9327	0.0000
Beam 32: End 2: 40: SLU19 [Combination 19]	0.0000	0.0000	16.4068	-141.9023	-608.8869	0.0000
Beam 32: End 2: 41: SLU20 [Combination 20]	0.0000	0.0000	-3.5074	39.1021	-269.3460	0.0000
Beam 32: End 2: 42: SLU21 [Combination 21]	0.0000	0.0000	-17.9160	-103.9518	-548.2220	0.0000
Beam 32: End 2: 43: SLU22 [Combination 22]	0.0000	0.0000	-111.1342	-3.3265	-513.8779	0.0000
Beam 32: End 2: 44: SLU23 [Combination 23]	0.0000	0.0000	-71.7482	-117.6107	-553.8553	0.0000
Beam 32: End 2: 45: SLU24 [Combination 24]	0.0000	0.0000	-32.9440	-22.1526	-521.3717	0.0000
Beam 32: End 2: 46: SLU25 [Combination 25]	0.0000	0.0000	9.7150	-131.0061	-620.7281	0.0000
Beam 32: End 2: 47: SLU26 [Combination 26]	0.0000	0.0000	5.1854	-108.7010	-573.8641	0.0000
Beam 32: End 2: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	-36.0302	109.5257	-331.0185	0.0000
Beam 32: End 2: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	-36.0322	115.0065	-320.1554	0.0000
Beam 32: End 2: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	-61.3148	8.5992	-280.6879	0.0000
Beam 32: End 2: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	-61.3169	14.0800	-269.8248	0.0000
Beam 32: End 2: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	-40.0204	17.2166	-317.8040	0.0000
Beam 32: End 2: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	-40.0272	35.4860	-281.5938	0.0000
Beam 32: End 2: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	-47.6058	-13.0613	-302.7048	0.0000
Beam 32: End 2: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	-47.6126	5.2080	-266.4946	0.0000
Beam 32: End 2: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	-36.8940	112.6500	-324.2902	0.0000
Beam 32: End 2: 57: SLU_SISMA10 [Combination 36]	0.0000	0.0000	-36.8960	118.1308	-313.4272	0.0000
Beam 32: End 2: 58: SLU_SISMA11 [Combination 37]	0.0000	0.0000	-62.1786	11.7235	-273.9596	0.0000

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Beam 32: End 2: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	-62.1806	17.2043	-263.0966
Beam 32: End 2: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	-40.8842	20.3409	-311.0758
Beam 32: End 2: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	-40.8910	38.6102	-274.8655
Beam 32: End 2: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	-48.4696	-9.9370	-295.9766
Beam 32: End 2: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	-48.4764	8.3323	-259.7664
Beam 32: End 2: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	-75.2386	22.9544	-349.3891
Beam 32: End 2: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	-7.0290	50.6199	-394.6490
Beam 32: End 2: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	-7.2601	-104.2775	-425.9863
Beam 32: End 2: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	-73.3684	24.7629	-326.0307
Beam 32: End 2: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	-7.0707	52.8100	-369.1768
Beam 32: End 2: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	-10.7152	-91.7804	-399.0735
Beam 32: End 2: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	-4.3490	-96.3059	-443.9521
Beam 32: End 2: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	-7.4728	-80.9231	-411.6321
Beam 32: End 2: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	-35.8252	48.3718	-230.3008
Beam 32: End 2: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	-9.4006	-74.7236	-402.3440
Beam 32: End 2: 74: SLE_FREQ02 [Combination 53] 0.0000	0.0000	0.0000	-11.8997	-62.4174	-376.4880

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Beam 32: End 2: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	117.3131	182.3903	657.6664	0.0000
Beam 32: End 2: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	117.3131	182.3903	657.6664	0.0000
Beam 32: End 2: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	62.1806	118.1308	331.0185	0.0000
Beam 32: End 2: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	75.2386	104.2775	443.9521	0.0000
Beam 32: End 2: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	11.8997	74.7236	402.3440	0.0000
Beam 32: End 2: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	35.8252	48.3718	230.3008	0.0000
Beam 33: End 1: 1: PP	0.0000	0.0000	-38.0766	-26.6242	-108.3413	0.0000
Beam 33: End 1: 2: PERM	0.0000	0.0000	-2.3418	-25.1347	-59.2142	0.0000
Beam 33: End 1: 3: SPTSX	0.0000	0.0000	27.0753	-48.7603	-33.7834	0.0000
Beam 33: End 1: 4: SPTDX	0.0000	0.0000	26.9152	162.6778	9.4298	0.0000
Beam 33: End 1: 5: SPTW	0.0000	0.0000	3.1266	-1.9339	-3.0756	0.0000
Beam 33: End 1: 6: ACC_LM71	0.0000	0.0000	0.0311	-83.7140	-165.8343	0.0000
Beam 33: End 1: 7: ACC_SW2	0.0000	0.0000	0.0258	-69.2914	-137.2636	0.0000
Beam 33: End 1: 8: SPACCSX_LM71	0.0000	0.0000	18.1165	-31.7098	-21.7800	0.0000
Beam 33: End 1: 9: SPACCDX_LM71	0.0000	0.0000	1.1366	91.8362	10.4664	0.0000
Beam 33: End 1: 10: SPACCSX_SW2	0.0000	0.0000	14.9980	-26.2512	-18.0307	0.0000
Beam 33: End 1: 11: SPACCDX_SW2	0.0000	0.0000	0.9393	76.0225	8.6656	0.0000
Beam 33: End 1: 12: AVV_LM71	0.0000	0.0000	32.9299	-53.9927	-36.4083	0.0000
Beam 33: End 1: 13: FREN_SW2	0.0000	0.0000	31.7350	-52.0335	-35.0872	0.0000
Beam 33: End 1: 14: SERP	0.0000	0.0000	0.1002	-0.1642	-0.1107	0.0000
Beam 33: End 1: 15: TERM	0.0000	0.0000	12.9347	13.1934	10.8279	0.0000
Beam 33: End 1: 16: RITIRO	0.0000	0.0000	-9.6579	-9.8510	-8.0848	0.0000
Beam 33: End 1: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Beam 33: End 1: 18: SISMA_H	0.0000	0.0000	45.0221	-103.2237	-53.9200	0.0000
Beam 33: End 1: 19: SISMA_V	0.0000	0.0000	0.0034	-9.1396	-18.1051	0.0000

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Beam 33: End 1: 20: SPSSX	0.0000	0.0000	33.4044	-58.9517	-40.5723	0.0000	
Beam 33: End 1: 21: SPSPDX	0.0000	0.0000	6.8624	184.4955	16.9371	0.0000	
Beam 33: End 1: 22: SLU01 [Combination 1]	0.0000	0.0000	76.2636	-207.3150	-587.3441	0.0000	
Beam 33: End 1: 23: SLU02 [Combination 2]	0.0000	0.0000	26.7639	-185.0311	-575.2100	0.0000	
Beam 33: End 1: 24: SLU03 [Combination 3]	0.0000	0.0000	51.0890	-162.0127	-556.8396	0.0000	
Beam 33: End 1: 25: SLU04 [Combination 4]	0.0000	0.0000	86.8342	-225.0580	-600.2447	0.0000	
Beam 33: End 1: 26: SLU05 [Combination 5]	0.0000	0.0000	96.2546	-168.1208	-596.9443	0.0000	
Beam 33: End 1: 27: SLU06 [Combination 6]	0.0000	0.0000	48.4610	31.5539	-303.6925	0.0000	
Beam 33: End 1: 28: SLU07 [Combination 7]	0.0000	0.0000	75.1930	-236.9320	-609.9898	0.0000	
Beam 33: End 1: 29: SLU08 [Combination 8]	0.0000	0.0000	53.5384	-3.4975	-239.4664	0.0000	
Beam 33: End 1: 30: SLU09 [Combination 9]	0.0000	0.0000	39.1376	-146.7159	-547.4094	0.0000	
Beam 33: End 1: 31: SLU10 [Combination 10]	0.0000	0.0000	-8.8217	82.6810	-505.0177	0.0000	
Beam 33: End 1: 32: SLU11 [Combination 11]	0.0000	0.0000	2.7845	-95.1808	-551.9554	0.0000	
Beam 33: End 1: 33: SLU12 [Combination 12]	0.0000	0.0000	41.5886	-55.6007	-519.4718	0.0000	
Beam 33: End 1: 34: SLU13 [Combination 13]	0.0000	0.0000	70.0013	-175.6465	-538.5645	0.0000	
Beam 33: End 1: 35: SLU14 [Combination 14]	0.0000	0.0000	25.0235	-161.2775	-531.8668	0.0000	
Beam 33: End 1: 36: SLU15 [Combination 15]	0.0000	0.0000	49.3486	-138.2591	-513.4964	0.0000	
Beam 33: End 1: 37: SLU16 [Combination 16]	0.0000	0.0000	80.5720	-193.3894	-551.4652	0.0000	
Beam 33: End 1: 38: SLU17 [Combination 17]	0.0000	0.0000	89.9924	-136.4522	-548.1647	0.0000	
Beam 33: End 1: 39: SLU18 [Combination 18]	0.0000	0.0000	43.9392	39.4688	-298.2561	0.0000	
Beam 33: End 1: 40: SLU19 [Combination 19]	0.0000	0.0000	68.9308	-205.2635	-561.2103	0.0000	
Beam 33: End 1: 41: SLU20 [Combination 20]	0.0000	0.0000	49.0166	4.4174	-234.0300	0.0000	
Beam 33: End 1: 42: SLU21 [Combination 21]	0.0000	0.0000	34.6080	-117.8881	-500.5454	0.0000	
Beam 33: End 1: 43: SLU22 [Combination 22]	0.0000	0.0000	-9.1156	80.6640	-466.2013	0.0000	
Beam 33: End 1: 44: SLU23 [Combination 23]	0.0000	0.0000	-0.8408	-67.9360	-506.1787	0.0000	
Beam 33: End 1: 45: SLU24 [Combination 24]	0.0000	0.0000	37.9634	-28.3559	-473.6951	0.0000	
Beam 33: End 1: 46: SLU25 [Combination 25]	0.0000	0.0000	62.2390	-184.7311	-573.0515	0.0000	
Beam 33: End 1: 47: SLU26 [Combination 26]	0.0000	0.0000	57.7094	-155.9033	-526.1875	0.0000	
Beam 33: End 1: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	62.6746	88.4236	-295.7025	0.0000	

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Beam 33: End 1: 49: SLU_SISMA02 [Combination 28] 0.0000	0.0000	0.0000	62.6726	93.9074	-284.8394
Beam 33: End 1: 50: SLU_SISMA03 [Combination 29] 0.0000	0.0000	0.0000	-0.8276	51.4237	-245.3719
Beam 33: End 1: 51: SLU_SISMA04 [Combination 30] 0.0000	0.0000	0.0000	-0.8297	56.9075	-234.5088
Beam 33: End 1: 52: SLU_SISMA05 [Combination 31] 0.0000	0.0000	0.0000	26.3578	25.1356	-282.4880
Beam 33: End 1: 53: SLU_SISMA06 [Combination 32] 0.0000	0.0000	0.0000	26.3510	43.4148	-246.2778
Beam 33: End 1: 54: SLU_SISMA07 [Combination 33] 0.0000	0.0000	0.0000	7.3071	14.0357	-267.3888
Beam 33: End 1: 55: SLU_SISMA08 [Combination 34] 0.0000	0.0000	0.0000	7.3003	32.3148	-231.1786
Beam 33: End 1: 56: SLU_SISMA09 [Combination 35] 0.0000	0.0000	0.0000	61.8108	92.7917	-288.9742
Beam 33: End 1: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	61.8088	98.2755	-278.1112
Beam 33: End 1: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	-1.6914	55.7918	-238.6436
Beam 33: End 1: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	-1.6934	61.2755	-227.7806
Beam 33: End 1: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	25.4941	29.5037	-275.7598
Beam 33: End 1: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	25.4873	47.7828	-239.5495
Beam 33: End 1: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	6.4434	18.4037	-260.6606
Beam 33: End 1: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	6.4366	36.6829	-224.4504
Beam 33: End 1: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	-1.9786	76.6326	-314.0731

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Beam 33: End 1: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	66.2310	6.0764	-359.3330
Beam 33: End 1: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	34.7591	-125.6111	-390.6703
Beam 33: End 1: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	-3.6796	78.3193	-290.7147
Beam 33: End 1: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	62.6181	10.8978	-333.8608
Beam 33: End 1: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	31.3040	-108.1388	-363.7575
Beam 33: End 1: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	37.6702	-121.8317	-408.6361
Beam 33: End 1: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	34.5464	-101.9505	-376.3161
Beam 33: End 1: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	16.6988	60.2246	-194.9848
Beam 33: End 1: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	32.6186	-92.9751	-367.0280
Beam 33: End 1: 74: SLE_FREQ02 [Combination 53] 0.0000	0.0000	0.0000	30.1195	-77.0701	-341.1720
Beam 33: End 1: 75: SLU/SLV [Absolute Envelope 1] 0.0000	0.0000	0.0000	96.2546	236.9320	609.9898
Beam 33: End 1: 76: SLU [Absolute Envelope 2] 0.0000	0.0000	0.0000	96.2546	236.9320	609.9898
Beam 33: End 1: 77: SLV [Absolute Envelope 3] 0.0000	0.0000	0.0000	62.6746	98.2755	295.7025
Beam 33: End 1: 78: SLE R [Absolute Envelope 4] 0.0000	0.0000	0.0000	66.2310	125.6111	408.6361
Beam 33: End 1: 79: SLE F [Absolute Envelope 5] 0.0000	0.0000	0.0000	32.6186	92.9751	367.0280
Beam 33: End 1: 80: SLE QP [Absolute Envelope 6] 0.0000	0.0000	0.0000	16.6988	60.2246	194.9848
Beam 33: End 2: 1: PP	0.0000	0.0000	-38.0766	-54.0393	-125.9993
				0.0000	

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Beam 33: End 2: 2: PERM	0.0000	0.0000	-2.3418	-26.8208	-59.2142	0.0000
Beam 33: End 2: 3: SPTSX	0.0000	0.0000	27.0753	-29.2660	-33.7834	0.0000
Beam 33: End 2: 4: SPTDX	0.0000	0.0000	2.6512	173.5636	9.4298	0.0000
Beam 33: End 2: 5: SPTW	0.0000	0.0000	3.1266	0.3172	-3.0756	0.0000
Beam 33: End 2: 6: ACC_LM71	0.0000	0.0000	0.0311	-83.6916	-165.8343	0.0000
Beam 33: End 2: 7: ACC_SW2	0.0000	0.0000	0.0258	-69.2728	-137.2636	0.0000
Beam 33: End 2: 8: SPACCSX_LM71	0.0000	0.0000	18.1165	-18.6659	-21.7800	0.0000
Beam 33: End 2: 9: SPACCDX_LM71	0.0000	0.0000	-11.8234	87.9889	10.4664	0.0000
Beam 33: End 2: 10: SPACCSX_SW2	0.0000	0.0000	14.9980	-15.4527	-18.0307	0.0000
Beam 33: End 2: 11: SPACCDX_SW2	0.0000	0.0000	-9.7887	72.8367	8.6656	0.0000
Beam 33: End 2: 12: AVV_LM71	0.0000	0.0000	32.9299	-30.2831	-36.4083	0.0000
Beam 33: End 2: 13: FREN_SW2	0.0000	0.0000	31.7350	-29.1843	-35.0872	0.0000
Beam 33: End 2: 14: SERP	0.0000	0.0000	0.1002	-0.0921	-0.1107	0.0000
Beam 33: End 2: 15: TERM	0.0000	0.0000	12.9347	22.5064	10.8279	0.0000
Beam 33: End 2: 16: RITIRO	0.0000	0.0000	-9.6579	-16.8048	-8.0848	0.0000
Beam 33: End 2: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Beam 33: End 2: 18: SISMA_H	0.0000	0.0000	49.0037	-69.3744	-53.9200	0.0000
Beam 33: End 2: 19: SISMA_V	0.0000	0.0000	0.0034	-9.1371	-18.1051	0.0000
Beam 33: End 2: 20: SPSSX	0.0000	0.0000	33.4044	-34.9005	-40.5723	0.0000
Beam 33: End 2: 21: SPSDX	0.0000	0.0000	-20.2096	179.6906	16.9371	0.0000
Beam 33: End 2: 22: SLU01 [Combination 1]	0.0000	0.0000	51.9996	-160.8984	-611.1824	0.0000
Beam 33: End 2: 23: SLU02 [Combination 2]	0.0000	0.0000	2.4999	-174.2542	-599.0483	0.0000
Beam 33: End 2: 24: SLU03 [Combination 3]	0.0000	0.0000	26.8250	-133.7218	-580.6779	0.0000
Beam 33: End 2: 25: SLU04 [Combination 4]	0.0000	0.0000	62.5702	-171.0305	-624.0830	0.0000
Beam 33: End 2: 26: SLU05 [Combination 5]	0.0000	0.0000	63.4982	-110.2832	-620.7826	0.0000
Beam 33: End 2: 27: SLU06 [Combination 6]	0.0000	0.0000	15.7046	54.9801	-327.5308	0.0000
Beam 33: End 2: 28: SLU07 [Combination 7]	0.0000	0.0000	50.9290	-191.2862	-633.8281	0.0000
Beam 33: End 2: 29: SLU08 [Combination 8]	0.0000	0.0000	29.2744	26.5570	-257.1244	0.0000
Beam 33: End 2: 30: SLU09 [Combination 9]	0.0000	0.0000	14.8736	-127.0299	-571.2477	0.0000
Beam 33: End 2: 31: SLU10 [Combination 10]	0.0000	0.0000	-60.3701	58.0985	-528.8560	0.0000

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Beam 33: End 2: 32: SLU11 [Combination 11]	0.0000	0.0000	-29.9719	-104.6417	-575.7937	0.0000
Beam 33: End 2: 33: SLU12 [Combination 12]	0.0000	0.0000	8.8322	-37.1226	-543.3101	0.0000
Beam 33: End 2: 34: SLU13 [Combination 13]	0.0000	0.0000	45.7373	-133.7386	-562.4028	0.0000
Beam 33: End 2: 35: SLU14 [Combination 14]	0.0000	0.0000	0.7595	-151.7537	-555.7051	0.0000
Beam 33: End 2: 36: SLU15 [Combination 15]	0.0000	0.0000	25.0846	-111.2212	-537.3347	0.0000
Beam 33: End 2: 37: SLU16 [Combination 16]	0.0000	0.0000	56.3080	-143.8707	-575.3035	0.0000
Beam 33: End 2: 38: SLU17 [Combination 17]	0.0000	0.0000	57.2360	-83.1234	-572.0030	0.0000
Beam 33: End 2: 39: SLU18 [Combination 18]	0.0000	0.0000	11.1828	59.6393	-322.0944	0.0000
Beam 33: End 2: 40: SLU19 [Combination 19]	0.0000	0.0000	44.6668	-164.1264	-585.0486	0.0000
Beam 33: End 2: 41: SLU20 [Combination 20]	0.0000	0.0000	24.7526	31.2162	-251.6880	0.0000
Beam 33: End 2: 42: SLU21 [Combination 21]	0.0000	0.0000	10.3440	-101.4635	-524.3837	0.0000
Beam 33: End 2: 43: SLU22 [Combination 22]	0.0000	0.0000	-57.4276	57.0350	-490.0396	0.0000
Beam 33: End 2: 44: SLU23 [Combination 23]	0.0000	0.0000	-33.5972	-80.0071	-530.0170	0.0000
Beam 33: End 2: 45: SLU24 [Combination 24]	0.0000	0.0000	5.2070	-12.4880	-497.5334	0.0000
Beam 33: End 2: 46: SLU25 [Combination 25]	0.0000	0.0000	37.9750	-148.4121	-596.8898	0.0000
Beam 33: End 2: 47: SLU26 [Combination 26]	0.0000	0.0000	33.4454	-122.8457	-550.0258	0.0000
Beam 33: End 2: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	15.3202	116.7437	-313.3605	0.0000
Beam 33: End 2: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	15.3182	122.2260	-302.4974	0.0000
Beam 33: End 2: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	-29.0732	40.9013	-263.0299	0.0000
Beam 33: End 2: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	-29.0753	46.3836	-252.1668	0.0000
Beam 33: End 2: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	-4.8333	33.1264	-300.1460	0.0000
Beam 33: End 2: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	-4.8401	51.4006	-263.9358	0.0000
Beam 33: End 2: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	-18.1513	10.3737	-285.0468	0.0000

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Beam 33: End 2: 55: SLU_SISMA08 [Combination 34] 0.0000	0.0000	0.0000	-18.1581	28.6479	-248.8366
Beam 33: End 2: 56: SLU_SISMA09 [Combination 35] 0.0000	0.0000	0.0000	14.4564	120.4899	-306.6322
Beam 33: End 2: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	14.4544	125.9721	-295.7692
Beam 33: End 2: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	-29.9370	44.6475	-256.3016
Beam 33: End 2: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	-29.9390	50.1298	-245.4386
Beam 33: End 2: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	-5.6971	36.8725	-293.4178
Beam 33: End 2: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	-5.7039	55.1468	-257.2075
Beam 33: End 2: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	-19.0151	14.1198	-278.3186
Beam 33: End 2: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	-19.0219	32.3941	-242.1084
Beam 33: End 2: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	-36.6106	62.9825	-331.7311
Beam 33: End 2: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	31.5990	41.5371	-376.9910
Beam 33: End 2: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	15.3479	-107.3791	-408.3283
Beam 33: End 2: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	-36.5260	64.0873	-308.3727
Beam 33: End 2: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	29.7717	44.4001	-351.5188
Beam 33: End 2: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	11.8928	-92.3944	-381.4155
Beam 33: End 2: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	18.2590	-101.5036	-426.2941

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Beam 33: End 2: 71: SLE_RARA08 [Combination 50]	0.0000	0.0000	15.1352	-83.8716	-393.9741	
0.0000						
Beam 33: End 2: 72: SLE_QPERM01 [Combination 51]	0.0000	0.0000	-7.5652	63.7547	-212.6428	
0.0000						
Beam 33: End 2: 73: SLE_FREQ01 [Combination 52]	0.0000	0.0000	13.2074	-76.2842	-384.6860	
0.0000						
Beam 33: End 2: 74: SLE_FREQ02 [Combination 53]	0.0000	0.0000	10.7083	-62.1785	-358.8300	
0.0000						
Beam 33: End 2: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	63.4982	191.2862	633.8281	
0.0000						
Beam 33: End 2: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	63.4982	191.2862	633.8281	
0.0000						
Beam 33: End 2: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	29.9390	125.9721	313.3605	
0.0000						
Beam 33: End 2: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	36.6106	107.3791	426.2941	
0.0000						
Beam 33: End 2: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	13.2074	76.2842	384.6860	
0.0000						
Beam 33: End 2: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	7.5652	63.7547	212.6428	
0.0000						
Beam 34: End 1: 1: PP	0.0000	0.0000	-38.0766	1.1717	-90.4380	0.0000
Beam 34: End 1: 2: PERM	0.0000	0.0000	-2.3418	-23.4252	-59.2142	0.0000
Beam 34: End 1: 3: SPTSX	0.0000	0.0000	27.0753	-68.5253	-33.7834	0.0000
Beam 34: End 1: 4: SPTDX	0.0000	0.0000	47.4647	135.2848	9.4298	0.0000
Beam 34: End 1: 5: SPTW	0.0000	0.0000	3.1266	-4.2164	-3.0756	0.0000
Beam 34: End 1: 6: ACC_LM71	0.0000	0.0000	0.0311	-83.7367	-165.8343	0.0000
Beam 34: End 1: 7: ACC_SW2	0.0000	0.0000	0.0258	-69.3102	-137.2636	0.0000
Beam 34: End 1: 8: SPACCSX_LM71	0.0000	0.0000	18.1165	-44.9348	-21.7800	0.0000
Beam 34: End 1: 9: SPACCDX_LM71	0.0000	0.0000	14.2766	86.2103	10.4664	0.0000
Beam 34: End 1: 10: SPACCSX_SW2	0.0000	0.0000	14.9980	-37.1997	-18.0307	0.0000
Beam 34: End 1: 11: SPACCDX_SW2	0.0000	0.0000	11.8163	71.3667	8.6656	0.0000
Beam 34: End 1: 12: AVV_LM71	0.0000	0.0000	32.9299	-78.0315	-36.4083	0.0000

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Beam 34: End 1: 13: FREN_SW2	0.0000	0.0000	31.7350	-75.2000	-35.0872	0.0000	
Beam 34: End 1: 14: SERP	0.0000	0.0000	0.1002	-0.2373	-0.1107	0.0000	
Beam 34: End 1: 15: TERM	0.0000	0.0000	12.9347	3.7510	10.8279	0.0000	
Beam 34: End 1: 16: RITIRO	0.0000	0.0000	-9.6579	-2.8008	-8.0848	0.0000	
Beam 34: End 1: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Beam 34: End 1: 18: SISMA_H	0.0000	0.0000	40.9852	-134.6163	-53.9200	0.0000	
Beam 34: End 1: 19: SISMA_V	0.0000	0.0000	0.0034	-9.1420	-18.1051	0.0000	
Beam 34: End 1: 20: SPSSX	0.0000	0.0000	33.4044	-83.3369	-40.5723	0.0000	
Beam 34: End 1: 21: SPSDX	0.0000	0.0000	34.3104	169.4675	16.9371	0.0000	
Beam 34: End 1: 22: SLU01 [Combination 1]	0.0000	0.0000	96.8131	-270.7323	-563.1747	0.0000	
Beam 34: End 1: 23: SLU02 [Combination 2]	0.0000	0.0000	47.3134	-212.3136	-551.0406	0.0000	
Beam 34: End 1: 24: SLU03 [Combination 3]	0.0000	0.0000	71.6385	-207.0525	-532.6702	0.0000	
Beam 34: End 1: 25: SLU04 [Combination 4]	0.0000	0.0000	107.3837	-296.1918	-576.0754	0.0000	
Beam 34: End 1: 26: SLU05 [Combination 5]	0.0000	0.0000	123.9964	-248.8421	-572.7749	0.0000	
Beam 34: End 1: 27: SLU06 [Combination 6]	0.0000	0.0000	76.2029	-14.2782	-279.5231	0.0000	
Beam 34: End 1: 28: SLU07 [Combination 7]	0.0000	0.0000	95.7425	-299.5677	-585.8204	0.0000	
Beam 34: End 1: 29: SLU08 [Combination 8]	0.0000	0.0000	74.0879	-50.3254	-221.5632	0.0000	
Beam 34: End 1: 30: SLU09 [Combination 9]	0.0000	0.0000	59.6871	-183.0312	-523.2400	0.0000	
Beam 34: End 1: 31: SLU10 [Combination 10]	0.0000	0.0000	37.9731	71.7110	-480.8483	0.0000	
Beam 34: End 1: 32: SLU11 [Combination 11]	0.0000	0.0000	30.5263	-107.6690	-527.7860	0.0000	
Beam 34: End 1: 33: SLU12 [Combination 12]	0.0000	0.0000	69.3304	-96.4159	-495.3024	0.0000	
Beam 34: End 1: 34: SLU13 [Combination 13]	0.0000	0.0000	90.5508	-234.4923	-514.3951	0.0000	
Beam 34: End 1: 35: SLU14 [Combination 14]	0.0000	0.0000	45.5730	-187.2895	-507.6974	0.0000	
Beam 34: End 1: 36: SLU15 [Combination 15]	0.0000	0.0000	69.8981	-182.0284	-489.3270	0.0000	
Beam 34: End 1: 37: SLU16 [Combination 16]	0.0000	0.0000	101.1215	-259.9518	-527.2958	0.0000	
Beam 34: End 1: 38: SLU17 [Combination 17]	0.0000	0.0000	117.7342	-212.6021	-523.9954	0.0000	
Beam 34: End 1: 39: SLU18 [Combination 18]	0.0000	0.0000	71.6810	-3.0623	-274.0867	0.0000	
Beam 34: End 1: 40: SLU19 [Combination 19]	0.0000	0.0000	89.4803	-263.3277	-537.0409	0.0000	
Beam 34: End 1: 41: SLU20 [Combination 20]	0.0000	0.0000	69.5661	-39.1095	-216.1267	0.0000	
Beam 34: End 1: 42: SLU21 [Combination 21]	0.0000	0.0000	55.1575	-150.8968	-476.3760	0.0000	

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Beam 34: End 1: 43: SLU22 [Combination 22]	0.0000	0.0000	34.3978	71.1063	-442.0319	0.0000
Beam 34: End 1: 44: SLU23 [Combination 23]	0.0000	0.0000	26.9010	-77.7778	-482.0094	0.0000
Beam 34: End 1: 45: SLU24 [Combination 24]	0.0000	0.0000	65.7052	-66.5247	-449.5257	0.0000
Beam 34: End 1: 46: SLU25 [Combination 25]	0.0000	0.0000	82.7885	-237.9103	-548.8821	0.0000
Beam 34: End 1: 47: SLU26 [Combination 26]	0.0000	0.0000	78.2589	-205.7759	-502.0181	0.0000
Beam 34: End 1: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	106.6352	26.3813	-277.7992	0.0000
Beam 34: End 1: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	106.6332	31.8665	-266.9361	0.0000
Beam 34: End 1: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	23.7588	42.8096	-227.4686	0.0000
Beam 34: End 1: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	23.7567	48.2948	-216.6055	0.0000
Beam 34: End 1: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	53.9306	-4.4139	-264.5848	0.0000
Beam 34: End 1: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	53.9238	13.8702	-228.3745	0.0000
Beam 34: End 1: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	29.0677	0.5146	-249.4856	0.0000
Beam 34: End 1: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	29.0609	18.7987	-213.2753	0.0000
Beam 34: End 1: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	105.7714	31.3799	-271.0710	0.0000
Beam 34: End 1: 57: SLU_SISMA10 [Combination 36]	0.0000	0.0000	105.7694	36.8652	-260.2079	0.0000
Beam 34: End 1: 58: SLU_SISMA11 [Combination 37]	0.0000	0.0000	22.8950	47.8082	-220.7404	0.0000
Beam 34: End 1: 59: SLU_SISMA12 [Combination 38]	0.0000	0.0000	22.8930	53.2935	-209.8773	0.0000
Beam 34: End 1: 60: SLU_SISMA13 [Combination 39]	0.0000	0.0000	53.0669	0.5847	-257.8566	0.0000

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Beam 34: End 1: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	53.0601	18.8688	-221.6463
Beam 34: End 1: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	28.2040	5.5132	-242.7574
Beam 34: End 1: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	28.1972	23.7973	-206.5471
Beam 34: End 1: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	29.0829	66.4953	-296.1699
Beam 34: End 1: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	97.2925	-53.8539	-341.4298
Beam 34: End 1: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	51.1987	-157.1811	-372.7671
Beam 34: End 1: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	25.5715	70.0845	-272.8114
Beam 34: End 1: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	91.8692	-45.7343	-315.9575
Beam 34: End 1: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	47.7436	-137.1866	-345.8542
Beam 34: End 1: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	54.1098	-155.5268	-390.7328
Beam 34: End 1: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	50.9860	-133.3652	-358.4128
Beam 34: End 1: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	37.2483	40.2897	-177.0815
Beam 34: End 1: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	49.0582	-122.9825	-349.1247
Beam 34: End 1: 74: SLE_FREQ02 [Combination 53] 0.0000	0.0000	0.0000	46.5591	-105.2532	-323.2688
Beam 34: End 1: 75: SLU/SLV [Absolute Envelope 1] 0.0000	0.0000	0.0000	123.9964	299.5677	585.8204
Beam 34: End 1: 76: SLU [Absolute Envelope 2] 0.0000	0.0000	0.0000	123.9964	299.5677	585.8204

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		Progetto	Lotto	Codifica	
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Beam 34: End 1: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	106.6352	53.2935	277.7992	
0.0000						
Beam 34: End 1: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	97.2925	157.1811	390.7328	
0.0000						
Beam 34: End 1: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	49.0582	122.9825	349.1247	
0.0000						
Beam 34: End 1: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	37.2483	40.2897	177.0815	
0.0000						
Beam 34: End 2: 1: PP	0.0000	0.0000	-38.0766	-26.6242	-108.3413	0.0000
Beam 34: End 2: 2: PERM	0.0000	0.0000	-2.3418	-25.1347	-59.2142	0.0000
Beam 34: End 2: 3: SPTSX	0.0000	0.0000	27.0753	-48.7603	-33.7834	0.0000
Beam 34: End 2: 4: SPTDX	0.0000	0.0000	26.9152	162.6778	9.4298	0.0000
Beam 34: End 2: 5: SPTW	0.0000	0.0000	3.1266	-1.9339	-3.0756	0.0000
Beam 34: End 2: 6: ACC_LM71	0.0000	0.0000	0.0311	-83.7140	-165.8343	0.0000
Beam 34: End 2: 7: ACC_SW2	0.0000	0.0000	0.0258	-69.2914	-137.2636	0.0000
Beam 34: End 2: 8: SPACCSX_LM71	0.0000	0.0000	18.1165	-31.7098	-21.7800	0.0000
Beam 34: End 2: 9: SPACCDX_LM71	0.0000	0.0000	1.1366	91.8362	10.4664	0.0000
Beam 34: End 2: 10: SPACCSX_SW2	0.0000	0.0000	14.9980	-26.2512	-18.0307	0.0000
Beam 34: End 2: 11: SPACCDX_SW2	0.0000	0.0000	0.9393	76.0225	8.6656	0.0000
Beam 34: End 2: 12: AVV_LM71	0.0000	0.0000	32.9299	-53.9927	-36.4083	0.0000
Beam 34: End 2: 13: FREN_SW2	0.0000	0.0000	31.7350	-52.0335	-35.0872	0.0000
Beam 34: End 2: 14: SERP	0.0000	0.0000	0.1002	-0.1642	-0.1107	0.0000
Beam 34: End 2: 15: TERM	0.0000	0.0000	12.9347	13.1934	10.8279	0.0000
Beam 34: End 2: 16: RITIRO	0.0000	0.0000	-9.6579	-9.8510	-8.0848	0.0000
Beam 34: End 2: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Beam 34: End 2: 18: SISMA_H	0.0000	0.0000	45.0221	-103.2237	-53.9200	0.0000
Beam 34: End 2: 19: SISMA_V	0.0000	0.0000	0.0034	-9.1396	-18.1051	0.0000
Beam 34: End 2: 20: SPSSX	0.0000	0.0000	33.4044	-58.9517	-40.5723	0.0000
Beam 34: End 2: 21: SPSDX	0.0000	0.0000	6.8624	184.4955	16.9371	0.0000
Beam 34: End 2: 22: SLU01 [Combination 1]	0.0000	0.0000	76.2636	-207.3150	-587.3441	0.0000
Beam 34: End 2: 23: SLU02 [Combination 2]	0.0000	0.0000	26.7639	-185.0311	-575.2100	0.0000

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Beam 34: End 2: 24: SLU03 [Combination 3]	0.0000	0.0000	51.0890	-162.0127	-556.8396	0.0000
Beam 34: End 2: 25: SLU04 [Combination 4]	0.0000	0.0000	86.8342	-225.0580	-600.2447	0.0000
Beam 34: End 2: 26: SLU05 [Combination 5]	0.0000	0.0000	96.2546	-168.1208	-596.9443	0.0000
Beam 34: End 2: 27: SLU06 [Combination 6]	0.0000	0.0000	48.4610	31.5539	-303.6925	0.0000
Beam 34: End 2: 28: SLU07 [Combination 7]	0.0000	0.0000	75.1930	-236.9320	-609.9898	0.0000
Beam 34: End 2: 29: SLU08 [Combination 8]	0.0000	0.0000	53.5384	-3.4975	-239.4664	0.0000
Beam 34: End 2: 30: SLU09 [Combination 9]	0.0000	0.0000	39.1376	-146.7159	-547.4094	0.0000
Beam 34: End 2: 31: SLU10 [Combination 10]	0.0000	0.0000	-8.8217	82.6810	-505.0177	0.0000
Beam 34: End 2: 32: SLU11 [Combination 11]	0.0000	0.0000	2.7845	-95.1808	-551.9554	0.0000
Beam 34: End 2: 33: SLU12 [Combination 12]	0.0000	0.0000	41.5886	-55.6007	-519.4718	0.0000
Beam 34: End 2: 34: SLU13 [Combination 13]	0.0000	0.0000	70.0013	-175.6465	-538.5645	0.0000
Beam 34: End 2: 35: SLU14 [Combination 14]	0.0000	0.0000	25.0235	-161.2775	-531.8668	0.0000
Beam 34: End 2: 36: SLU15 [Combination 15]	0.0000	0.0000	49.3486	-138.2591	-513.4964	0.0000
Beam 34: End 2: 37: SLU16 [Combination 16]	0.0000	0.0000	80.5720	-193.3894	-551.4652	0.0000
Beam 34: End 2: 38: SLU17 [Combination 17]	0.0000	0.0000	89.9924	-136.4522	-548.1647	0.0000
Beam 34: End 2: 39: SLU18 [Combination 18]	0.0000	0.0000	43.9392	39.4688	-298.2561	0.0000
Beam 34: End 2: 40: SLU19 [Combination 19]	0.0000	0.0000	68.9308	-205.2635	-561.2103	0.0000
Beam 34: End 2: 41: SLU20 [Combination 20]	0.0000	0.0000	49.0166	4.4174	-234.0300	0.0000
Beam 34: End 2: 42: SLU21 [Combination 21]	0.0000	0.0000	34.6080	-117.8881	-500.5454	0.0000
Beam 34: End 2: 43: SLU22 [Combination 22]	0.0000	0.0000	-9.1156	80.6640	-466.2013	0.0000
Beam 34: End 2: 44: SLU23 [Combination 23]	0.0000	0.0000	-0.8408	-67.9360	-506.1787	0.0000
Beam 34: End 2: 45: SLU24 [Combination 24]	0.0000	0.0000	37.9634	-28.3559	-473.6951	0.0000
Beam 34: End 2: 46: SLU25 [Combination 25]	0.0000	0.0000	62.2390	-184.7311	-573.0515	0.0000
Beam 34: End 2: 47: SLU26 [Combination 26]	0.0000	0.0000	57.7094	-155.9033	-526.1875	0.0000
Beam 34: End 2: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	62.6746	88.4236	-295.7025	0.0000
Beam 34: End 2: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	62.6726	93.9074	-284.8394	0.0000
Beam 34: End 2: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	-0.8276	51.4237	-245.3719	0.0000

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Beam 34: End 2: 51: SLU_SISMA04 [Combination 30] 0.0000	0.0000	0.0000	-0.8297	56.9075	-234.5088
Beam 34: End 2: 52: SLU_SISMA05 [Combination 31] 0.0000	0.0000	0.0000	26.3578	25.1356	-282.4880
Beam 34: End 2: 53: SLU_SISMA06 [Combination 32] 0.0000	0.0000	0.0000	26.3510	43.4148	-246.2778
Beam 34: End 2: 54: SLU_SISMA07 [Combination 33] 0.0000	0.0000	0.0000	7.3071	14.0357	-267.3888
Beam 34: End 2: 55: SLU_SISMA08 [Combination 34] 0.0000	0.0000	0.0000	7.3003	32.3148	-231.1786
Beam 34: End 2: 56: SLU_SISMA09 [Combination 35] 0.0000	0.0000	0.0000	61.8108	92.7917	-288.9742
Beam 34: End 2: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	61.8088	98.2755	-278.1112
Beam 34: End 2: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	-1.6914	55.7918	-238.6436
Beam 34: End 2: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	-1.6934	61.2755	-227.7806
Beam 34: End 2: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	25.4941	29.5037	-275.7598
Beam 34: End 2: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	25.4873	47.7828	-239.5495
Beam 34: End 2: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	6.4434	18.4037	-260.6606
Beam 34: End 2: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	6.4366	36.6829	-224.4504
Beam 34: End 2: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	-1.9786	76.6326	-314.0731
Beam 34: End 2: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	66.2310	6.0764	-359.3330
Beam 34: End 2: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	34.7591	-125.6111	-390.6703

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Beam 34: End 2: 67: SLE_RARA04 [Combination 46]	0.0000	0.0000	-3.6796	78.3193	-290.7147	
0.0000						
Beam 34: End 2: 68: SLE_RARA05 [Combination 47]	0.0000	0.0000	62.6181	10.8978	-333.8608	
0.0000						
Beam 34: End 2: 69: SLE_RARA06 [Combination 48]	0.0000	0.0000	31.3040	-108.1388	-363.7575	
0.0000						
Beam 34: End 2: 70: SLE_RARA07 [Combination 49]	0.0000	0.0000	37.6702	-121.8317	-408.6361	
0.0000						
Beam 34: End 2: 71: SLE_RARA08 [Combination 50]	0.0000	0.0000	34.5464	-101.9505	-376.3161	
0.0000						
Beam 34: End 2: 72: SLE_QPERM01 [Combination 51]	0.0000	0.0000	16.6988	60.2246	-194.9848	
0.0000						
Beam 34: End 2: 73: SLE_FREQ01 [Combination 52]	0.0000	0.0000	32.6186	-92.9751	-367.0280	
0.0000						
Beam 34: End 2: 74: SLE_FREQ02 [Combination 53]	0.0000	0.0000	30.1195	-77.0701	-341.1720	
0.0000						
Beam 34: End 2: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	96.2546	236.9320	609.9898	
0.0000						
Beam 34: End 2: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	96.2546	236.9320	609.9898	
0.0000						
Beam 34: End 2: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	62.6746	98.2755	295.7025	0.0000
Beam 34: End 2: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	66.2310	125.6111	408.6361	
0.0000						
Beam 34: End 2: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	32.6186	92.9751	367.0280	
0.0000						
Beam 34: End 2: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	16.6988	60.2246	194.9848	
0.0000						
Beam 35: End 1: 1: PP	0.0000	0.0000	-38.0766	28.5868	-72.7800	0.0000
Beam 35: End 1: 2: PERM	0.0000	0.0000	-2.3418	-21.7391	-59.2142	0.0000
Beam 35: End 1: 3: SPTSX	0.0000	0.0000	27.0753	-88.0195	-33.7834	0.0000
Beam 35: End 1: 4: SPTDX	0.0000	0.0000	63.7367	95.0104	9.4298	0.0000
Beam 35: End 1: 5: SPTW	0.0000	0.0000	3.1266	-6.4675	-3.0756	0.0000

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Beam 35: End 1: 6: ACC_LM71	0.0000	0.0000	0.0311	-83.7592	-165.8343	0.0000
Beam 35: End 1: 7: ACC_SW2	0.0000	0.0000	0.0258	-69.3288	-137.2636	0.0000
Beam 35: End 1: 8: SPACCSX_LM71	0.0000	0.0000	18.1165	-57.9787	-21.7800	0.0000
Beam 35: End 1: 9: SPACCDX_LM71	0.0000	0.0000	27.2366	71.2656	10.4664	0.0000
Beam 35: End 1: 10: SPACCSX_SW2	0.0000	0.0000	14.9980	-47.9983	-18.0307	0.0000
Beam 35: End 1: 11: SPACCDX_SW2	0.0000	0.0000	22.5443	58.9969	8.6656	0.0000
Beam 35: End 1: 12: AVV_LM71	0.0000	0.0000	32.9299	-101.7410	-36.4083	0.0000
Beam 35: End 1: 13: FREN_SW2	0.0000	0.0000	31.7350	-98.0493	-35.0872	0.0000
Beam 35: End 1: 14: SERP	0.0000	0.0000	0.1002	-0.3095	-0.1107	0.0000
Beam 35: End 1: 15: TERM	0.0000	0.0000	12.9347	-5.5620	10.8279	0.0000
Beam 35: End 1: 16: RITIRO	0.0000	0.0000	-9.6579	4.1529	-8.0848	0.0000
Beam 35: End 1: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Beam 35: End 1: 18: SISMA_H	0.0000	0.0000	37.0036	-162.6923	-53.9200	0.0000
Beam 35: End 1: 19: SISMA_V	0.0000	0.0000	0.0034	-9.1445	-18.1051	0.0000
Beam 35: End 1: 20: SPSSX	0.0000	0.0000	33.4044	-107.3881	-40.5723	0.0000
Beam 35: End 1: 21: SPSDX	0.0000	0.0000	61.3824	135.0180	16.9371	0.0000
Beam 35: End 1: 22: SLU01 [Combination 1]	0.0000	0.0000	113.0851	-346.5375	-539.3364	0.0000
Beam 35: End 1: 23: SLU02 [Combination 2]	0.0000	0.0000	63.5854	-252.4791	-527.2023	0.0000
Beam 35: End 1: 24: SLU03 [Combination 3]	0.0000	0.0000	87.9105	-264.7321	-508.8319	0.0000
Beam 35: End 1: 25: SLU04 [Combination 4]	0.0000	0.0000	123.6557	-379.6080	-552.2371	0.0000
Beam 35: End 1: 26: SLU05 [Combination 5]	0.0000	0.0000	145.9636	-346.3543	-548.9366	0.0000
Beam 35: End 1: 27: SLU06 [Combination 6]	0.0000	0.0000	98.1701	-77.3790	-255.6848	0.0000
Beam 35: End 1: 28: SLU07 [Combination 7]	0.0000	0.0000	112.0145	-374.6022	-561.9821	0.0000
Beam 35: End 1: 29: SLU08 [Combination 8]	0.0000	0.0000	90.3599	-109.7685	-203.9052	0.0000
Beam 35: End 1: 30: SLU09 [Combination 9]	0.0000	0.0000	75.9591	-232.1057	-499.4017	0.0000
Beam 35: End 1: 31: SLU10 [Combination 10]	0.0000	0.0000	78.7323	29.3705	-457.0100	0.0000
Beam 35: End 1: 32: SLU11 [Combination 11]	0.0000	0.0000	52.4935	-137.8827	-503.9477	0.0000
Beam 35: End 1: 33: SLU12 [Combination 12]	0.0000	0.0000	91.2976	-154.5686	-471.4641	0.0000
Beam 35: End 1: 34: SLU13 [Combination 13]	0.0000	0.0000	106.8228	-305.7887	-490.5568	0.0000
Beam 35: End 1: 35: SLU14 [Combination 14]	0.0000	0.0000	61.8450	-226.2019	-483.8591	0.0000

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Beam 35: End 1: 36: SLU15 [Combination 15]	0.0000	0.0000	86.1701	-238.4549	-465.4887	0.0000
Beam 35: End 1: 37: SLU16 [Combination 16]	0.0000	0.0000	117.3935	-338.8592	-503.4575	0.0000
Beam 35: End 1: 38: SLU17 [Combination 17]	0.0000	0.0000	139.7014	-305.6055	-500.1571	0.0000
Beam 35: End 1: 39: SLU18 [Combination 18]	0.0000	0.0000	93.6482	-62.9074	-250.2484	0.0000
Beam 35: End 1: 40: SLU19 [Combination 19]	0.0000	0.0000	105.7523	-333.8534	-513.2026	0.0000
Beam 35: End 1: 41: SLU20 [Combination 20]	0.0000	0.0000	85.8381	-95.2969	-198.4687	0.0000
Beam 35: End 1: 42: SLU21 [Combination 21]	0.0000	0.0000	71.4295	-196.7100	-452.5377	0.0000
Beam 35: End 1: 43: SLU22 [Combination 22]	0.0000	0.0000	71.9206	32.5050	-418.1936	0.0000
Beam 35: End 1: 44: SLU23 [Combination 23]	0.0000	0.0000	48.8682	-105.3813	-458.1711	0.0000
Beam 35: End 1: 45: SLU24 [Combination 24]	0.0000	0.0000	87.6724	-122.0672	-425.6874	0.0000
Beam 35: End 1: 46: SLU25 [Combination 25]	0.0000	0.0000	99.0605	-303.6179	-525.0438	0.0000
Beam 35: End 1: 47: SLU26 [Combination 26]	0.0000	0.0000	94.5309	-268.2222	-478.1798	0.0000
Beam 35: End 1: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	145.9976	-64.8084	-260.1412	0.0000
Beam 35: End 1: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	145.9956	-59.3217	-249.2781	0.0000
Beam 35: End 1: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	44.0124	18.1701	-209.8106	0.0000
Beam 35: End 1: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	44.0103	23.6568	-198.9475	0.0000
Beam 35: End 1: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	77.1298	-51.8376	-246.9268	0.0000
Beam 35: End 1: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	77.1230	-33.5486	-210.7165	0.0000
Beam 35: End 1: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	46.5342	-26.9440	-231.8276	0.0000
Beam 35: End 1: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	46.5274	-8.6550	-195.6173	0.0000
Beam 35: End 1: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	145.1338	-59.1879	-253.4130	0.0000
Beam 35: End 1: 57: SLU_SISMA10 [Combination 36]	0.0000	0.0000	145.1318	-53.7012	-242.5499	0.0000

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Beam 35: End 1: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	43.1486	23.7906	-203.0824
Beam 35: End 1: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	43.1466	29.2773	-192.2193
Beam 35: End 1: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	76.2660	-46.2170	-240.1986
Beam 35: End 1: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	76.2592	-27.9281	-203.9883
Beam 35: End 1: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	45.6704	-21.3235	-225.0994
Beam 35: End 1: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	45.6636	-3.0345	-188.8891
Beam 35: End 1: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	55.7229	35.7232	-278.5119
Beam 35: End 1: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	123.9325	-133.7368	-323.7718
Beam 35: End 1: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	64.2163	-198.9240	-355.1091
Beam 35: End 1: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	50.4259	42.4836	-255.1534
Beam 35: End 1: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	116.7236	-121.0696	-298.2995
Beam 35: End 1: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	60.7612	-176.4419	-328.1962
Beam 35: End 1: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	67.1274	-199.3658	-373.0748
Beam 35: End 1: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	64.0036	-174.9549	-340.7548
Beam 35: End 1: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	53.5203	7.3710	-159.4235
Beam 35: End 1: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	62.0758	-163.1843	-331.4667

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Beam 35: End 2: 18: SISMA_H	0.0000	0.0000	40.9852	-134.6163	-53.9200	0.0000	
Beam 35: End 2: 19: SISMA_V	0.0000	0.0000	0.0034	-9.1420	-18.1051	0.0000	
Beam 35: End 2: 20: SPSSX	0.0000	0.0000	33.4044	-83.3369	-40.5723	0.0000	
Beam 35: End 2: 21: SPSDX	0.0000	0.0000	34.3104	169.4675	16.9371	0.0000	
Beam 35: End 2: 22: SLU01 [Combination 1]	0.0000	0.0000	96.8131	-270.7323	-563.1747	0.0000	
Beam 35: End 2: 23: SLU02 [Combination 2]	0.0000	0.0000	47.3134	-212.3136	-551.0406	0.0000	
Beam 35: End 2: 24: SLU03 [Combination 3]	0.0000	0.0000	71.6385	-207.0525	-532.6702	0.0000	
Beam 35: End 2: 25: SLU04 [Combination 4]	0.0000	0.0000	107.3837	-296.1918	-576.0754	0.0000	
Beam 35: End 2: 26: SLU05 [Combination 5]	0.0000	0.0000	123.9964	-248.8421	-572.7749	0.0000	
Beam 35: End 2: 27: SLU06 [Combination 6]	0.0000	0.0000	76.2029	-14.2782	-279.5231	0.0000	
Beam 35: End 2: 28: SLU07 [Combination 7]	0.0000	0.0000	95.7425	-299.5677	-585.8204	0.0000	
Beam 35: End 2: 29: SLU08 [Combination 8]	0.0000	0.0000	74.0879	-50.3254	-221.5632	0.0000	
Beam 35: End 2: 30: SLU09 [Combination 9]	0.0000	0.0000	59.6871	-183.0312	-523.2400	0.0000	
Beam 35: End 2: 31: SLU10 [Combination 10]	0.0000	0.0000	37.9731	71.7110	-480.8483	0.0000	
Beam 35: End 2: 32: SLU11 [Combination 11]	0.0000	0.0000	30.5263	-107.6690	-527.7860	0.0000	
Beam 35: End 2: 33: SLU12 [Combination 12]	0.0000	0.0000	69.3304	-96.4159	-495.3024	0.0000	
Beam 35: End 2: 34: SLU13 [Combination 13]	0.0000	0.0000	90.5508	-234.4923	-514.3951	0.0000	
Beam 35: End 2: 35: SLU14 [Combination 14]	0.0000	0.0000	45.5730	-187.2895	-507.6974	0.0000	
Beam 35: End 2: 36: SLU15 [Combination 15]	0.0000	0.0000	69.8981	-182.0284	-489.3270	0.0000	
Beam 35: End 2: 37: SLU16 [Combination 16]	0.0000	0.0000	101.1215	-259.9518	-527.2958	0.0000	
Beam 35: End 2: 38: SLU17 [Combination 17]	0.0000	0.0000	117.7342	-212.6021	-523.9954	0.0000	
Beam 35: End 2: 39: SLU18 [Combination 18]	0.0000	0.0000	71.6810	-3.0623	-274.0867	0.0000	
Beam 35: End 2: 40: SLU19 [Combination 19]	0.0000	0.0000	89.4803	-263.3277	-537.0409	0.0000	
Beam 35: End 2: 41: SLU20 [Combination 20]	0.0000	0.0000	69.5661	-39.1095	-216.1267	0.0000	
Beam 35: End 2: 42: SLU21 [Combination 21]	0.0000	0.0000	55.1575	-150.8968	-476.3760	0.0000	
Beam 35: End 2: 43: SLU22 [Combination 22]	0.0000	0.0000	34.3978	71.1063	-442.0319	0.0000	
Beam 35: End 2: 44: SLU23 [Combination 23]	0.0000	0.0000	26.9010	-77.7778	-482.0094	0.0000	
Beam 35: End 2: 45: SLU24 [Combination 24]	0.0000	0.0000	65.7052	-66.5247	-449.5257	0.0000	
Beam 35: End 2: 46: SLU25 [Combination 25]	0.0000	0.0000	82.7885	-237.9103	-548.8821	0.0000	
Beam 35: End 2: 47: SLU26 [Combination 26]	0.0000	0.0000	78.2589	-205.7759	-502.0181	0.0000	

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Beam 35: End 2: 48: SLU_SISMA01 [Combination 27] 0.0000	0.0000	0.0000	106.6352	26.3813	-277.7992
Beam 35: End 2: 49: SLU_SISMA02 [Combination 28] 0.0000	0.0000	0.0000	106.6332	31.8665	-266.9361
Beam 35: End 2: 50: SLU_SISMA03 [Combination 29] 0.0000	0.0000	0.0000	23.7588	42.8096	-227.4686
Beam 35: End 2: 51: SLU_SISMA04 [Combination 30] 0.0000	0.0000	0.0000	23.7567	48.2948	-216.6055
Beam 35: End 2: 52: SLU_SISMA05 [Combination 31] 0.0000	0.0000	0.0000	53.9306	-4.4139	-264.5848
Beam 35: End 2: 53: SLU_SISMA06 [Combination 32] 0.0000	0.0000	0.0000	53.9238	13.8702	-228.3745
Beam 35: End 2: 54: SLU_SISMA07 [Combination 33] 0.0000	0.0000	0.0000	29.0677	0.5146	-249.4856
Beam 35: End 2: 55: SLU_SISMA08 [Combination 34] 0.0000	0.0000	0.0000	29.0609	18.7987	-213.2753
Beam 35: End 2: 56: SLU_SISMA09 [Combination 35] 0.0000	0.0000	0.0000	105.7714	31.3799	-271.0710
Beam 35: End 2: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	105.7694	36.8652	-260.2079
Beam 35: End 2: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	22.8950	47.8082	-220.7404
Beam 35: End 2: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	22.8930	53.2935	-209.8773
Beam 35: End 2: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	53.0669	0.5847	-257.8566
Beam 35: End 2: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	53.0601	18.8688	-221.6463
Beam 35: End 2: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	28.2040	5.5132	-242.7574
Beam 35: End 2: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	28.1972	23.7973	-206.5471

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Beam 35: End 2: 64: SLE_RARA01 [Combination 43]	0.0000	0.0000	29.0829	66.4953	-296.1699
0.0000					
Beam 35: End 2: 65: SLE_RARA02 [Combination 44]	0.0000	0.0000	97.2925	-53.8539	-341.4298
0.0000					
Beam 35: End 2: 66: SLE_RARA03 [Combination 45]	0.0000	0.0000	51.1987	-157.1811	-372.7671
0.0000					
Beam 35: End 2: 67: SLE_RARA04 [Combination 46]	0.0000	0.0000	25.5715	70.0845	-272.8114
0.0000					
Beam 35: End 2: 68: SLE_RARA05 [Combination 47]	0.0000	0.0000	91.8692	-45.7343	-315.9575
0.0000					
Beam 35: End 2: 69: SLE_RARA06 [Combination 48]	0.0000	0.0000	47.7436	-137.1866	-345.8542
0.0000					
Beam 35: End 2: 70: SLE_RARA07 [Combination 49]	0.0000	0.0000	54.1098	-155.5268	-390.7328
0.0000					
Beam 35: End 2: 71: SLE_RARA08 [Combination 50]	0.0000	0.0000	50.9860	-133.3652	-358.4128
0.0000					
Beam 35: End 2: 72: SLE_QPERM01 [Combination 51]	0.0000	0.0000	37.2483	40.2897	-177.0815
0.0000					
Beam 35: End 2: 73: SLE_FREQ01 [Combination 52]	0.0000	0.0000	49.0582	-122.9825	-349.1247
0.0000					
Beam 35: End 2: 74: SLE_FREQ02 [Combination 53]	0.0000	0.0000	46.5591	-105.2532	-323.2688
0.0000					
Beam 35: End 2: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	123.9964	299.5677	585.8204
0.0000					
Beam 35: End 2: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	123.9964	299.5677	585.8204
0.0000					
Beam 35: End 2: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	106.6352	53.2935	277.7992
0.0000					
Beam 35: End 2: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	97.2925	157.1811	390.7328
0.0000					
Beam 35: End 2: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	49.0582	122.9825	349.1247
0.0000					

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Beam 35: End 2: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	37.2483	40.2897	177.0815		
0.0000							
Beam 36: End 1: 1: PP	0.0000	0.0000	-38.0766	56.0019	-55.1220	0.0000	
Beam 36: End 1: 2: PERM	0.0000	0.0000	-2.3418	-20.0531	-59.2142	0.0000	
Beam 36: End 1: 3: SPTSX	0.0000	0.0000	27.0753	-107.5138	-33.7834	0.0000	
Beam 36: End 1: 4: SPTDX	0.0000	0.0000	76.0127	44.4630	9.4298	0.0000	
Beam 36: End 1: 5: SPTW	0.0000	0.0000	3.1266	-8.7186	-3.0756	0.0000	
Beam 36: End 1: 6: ACC_LM71	0.0000	0.0000	0.0311	-83.7816	-165.8343	0.0000	
Beam 36: End 1: 7: ACC_SW2	0.0000	0.0000	0.0258	-69.3473	-137.2636	0.0000	
Beam 36: End 1: 8: SPACCSX_LM71	0.0000	0.0000	18.1165	-71.0225	-21.7800	0.0000	
Beam 36: End 1: 9: SPACCDX_LM71	0.0000	0.0000	40.1966	46.9896	10.4664	0.0000	
Beam 36: End 1: 10: SPACCSX_SW2	0.0000	0.0000	14.9980	-58.7968	-18.0307	0.0000	
Beam 36: End 1: 11: SPACCDX_SW2	0.0000	0.0000	33.2723	38.9029	8.6656	0.0000	
Beam 36: End 1: 12: AVV_LM71	0.0000	0.0000	32.9299	-125.4506	-36.4083	0.0000	
Beam 36: End 1: 13: FREN_SW2	0.0000	0.0000	31.7350	-120.8985	-35.0872	0.0000	
Beam 36: End 1: 14: SERP	0.0000	0.0000	0.1002	-0.3816	-0.1107	0.0000	
Beam 36: End 1: 15: TERM	0.0000	0.0000	12.9347	-14.8750	10.8279	0.0000	
Beam 36: End 1: 16: RITIRO	0.0000	0.0000	-9.6579	11.1066	-8.0848	0.0000	
Beam 36: End 1: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Beam 36: End 1: 18: SISMA_H	0.0000	0.0000	33.0220	-187.9015	-53.9200	0.0000	
Beam 36: End 1: 19: SISMA_V	0.0000	0.0000	0.0034	-9.1469	-18.1051	0.0000	
Beam 36: End 1: 20: SPSSX	0.0000	0.0000	33.4044	-131.4393	-40.5723	0.0000	
Beam 36: End 1: 21: SPSTD	0.0000	0.0000	88.4544	81.0768	16.9371	0.0000	
Beam 36: End 1: 22: SLU01 [Combination 1]	0.0000	0.0000	125.3611	-432.6157	-515.4981	0.0000	
Beam 36: End 1: 23: SLU02 [Combination 2]	0.0000	0.0000	75.8614	-302.9176	-503.3640	0.0000	
Beam 36: End 1: 24: SLU03 [Combination 3]	0.0000	0.0000	100.1865	-332.6846	-484.9936	0.0000	
Beam 36: End 1: 25: SLU04 [Combination 4]	0.0000	0.0000	135.9317	-473.2971	-528.3988	0.0000	
Beam 36: End 1: 26: SLU05 [Combination 5]	0.0000	0.0000	162.5362	-457.7350	-525.0983	0.0000	
Beam 36: End 1: 27: SLU06 [Combination 6]	0.0000	0.0000	114.7427	-154.3484	-231.8465	0.0000	
Beam 36: End 1: 28: SLU07 [Combination 7]	0.0000	0.0000	124.2905	-459.9096	-538.1438	0.0000	

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Beam 36: End 1: 29: SLU08 [Combination 8]	0.0000	0.0000	102.6359	-179.4846	-186.2472	0.0000
Beam 36: End 1: 30: SLU09 [Combination 9]	0.0000	0.0000	88.2351	-291.4532	-475.5634	0.0000
Beam 36: End 1: 31: SLU10 [Combination 10]	0.0000	0.0000	114.0969	-40.3688	-433.1717	0.0000
Beam 36: End 1: 32: SLU11 [Combination 11]	0.0000	0.0000	69.0661	-181.9649	-480.1094	0.0000
Beam 36: End 1: 33: SLU12 [Combination 12]	0.0000	0.0000	107.8702	-226.5898	-447.6258	0.0000
Beam 36: End 1: 34: SLU13 [Combination 13]	0.0000	0.0000	119.0988	-387.3581	-466.7185	0.0000
Beam 36: End 1: 35: SLU14 [Combination 14]	0.0000	0.0000	74.1210	-275.3873	-460.0208	0.0000
Beam 36: End 1: 36: SLU15 [Combination 15]	0.0000	0.0000	98.4461	-305.1543	-441.6504	0.0000
Beam 36: End 1: 37: SLU16 [Combination 16]	0.0000	0.0000	129.6695	-428.0395	-479.6192	0.0000
Beam 36: End 1: 38: SLU17 [Combination 17]	0.0000	0.0000	156.2740	-412.4774	-476.3188	0.0000
Beam 36: End 1: 39: SLU18 [Combination 18]	0.0000	0.0000	110.2208	-136.6210	-226.4101	0.0000
Beam 36: End 1: 40: SLU19 [Combination 19]	0.0000	0.0000	118.0283	-414.6520	-489.3643	0.0000
Beam 36: End 1: 41: SLU20 [Combination 20]	0.0000	0.0000	98.1141	-161.7572	-180.8107	0.0000
Beam 36: End 1: 42: SLU21 [Combination 21]	0.0000	0.0000	83.7055	-252.7962	-428.6994	0.0000
Beam 36: End 1: 43: SLU22 [Combination 22]	0.0000	0.0000	104.0488	-31.1648	-394.3553	0.0000
Beam 36: End 1: 44: SLU23 [Combination 23]	0.0000	0.0000	65.4408	-146.8533	-434.3328	0.0000
Beam 36: End 1: 45: SLU24 [Combination 24]	0.0000	0.0000	104.2450	-191.4782	-401.8491	0.0000
Beam 36: End 1: 46: SLU25 [Combination 25]	0.0000	0.0000	111.3365	-379.5984	-501.2055	0.0000
Beam 36: End 1: 47: SLU26 [Combination 26]	0.0000	0.0000	106.8069	-340.9414	-454.3415	0.0000
Beam 36: End 1: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	181.3640	-182.8962	-242.4832	0.0000
Beam 36: End 1: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	181.3620	-177.4080	-231.6201	0.0000
Beam 36: End 1: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	60.2700	-19.6092	-192.1526	0.0000
Beam 36: End 1: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	60.2679	-14.1210	-181.2895	0.0000
Beam 36: End 1: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	96.3329	-114.5217	-229.2688	0.0000
Beam 36: End 1: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	96.3261	-96.2278	-193.0585	0.0000

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Beam 36: End 1: 54: SLU_SISMA07 [Combination 33] 0.0000	0.0000	0.0000	60.0047	-65.5356	-214.1696
Beam 36: End 1: 55: SLU_SISMA08 [Combination 34] 0.0000	0.0000	0.0000	59.9979	-47.2417	-177.9593
Beam 36: End 1: 56: SLU_SISMA09 [Combination 35] 0.0000	0.0000	0.0000	180.5002	-176.6538	-235.7550
Beam 36: End 1: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	180.4982	-171.1656	-224.8919
Beam 36: End 1: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	59.4062	-13.3667	-185.4244
Beam 36: End 1: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	59.4042	-7.8786	-174.5613
Beam 36: End 1: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	95.4691	-108.2793	-222.5406
Beam 36: End 1: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	95.4623	-89.9854	-186.3303
Beam 36: End 1: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	59.1409	-59.2932	-207.4414
Beam 36: End 1: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	59.1341	-40.9993	-171.2311
Beam 36: End 1: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	78.3669	-12.7867	-260.8539
Beam 36: End 1: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	146.5765	-231.3576	-306.1138
Beam 36: End 1: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	74.0371	-248.8853	-337.4511
Beam 36: End 1: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	71.2843	-1.5697	-237.4954
Beam 36: End 1: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	137.5820	-212.8572	-280.6415
Beam 36: End 1: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	70.5820	-223.9156	-310.5382

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Beam 36: End 1: 70: SLE_RARA07 [Combination 49]	0.0000	0.0000	76.9482	-251.4231	-355.4168	
0.0000						
Beam 36: End 1: 71: SLE_RARA08 [Combination 50]	0.0000	0.0000	73.8244	-224.7631	-323.0968	
0.0000						
Beam 36: End 1: 72: SLE_QPERM01 [Combination 51]	0.0000	0.0000	65.7963	-35.8205	-141.7655	
0.0000						
Beam 36: End 1: 73: SLE_FREQ01 [Combination 52]	0.0000	0.0000	71.8966	-211.6045	-313.8087	
0.0000						
Beam 36: End 1: 74: SLE_FREQ02 [Combination 53]	0.0000	0.0000	69.3975	-190.2764	-287.9528	
0.0000						
Beam 36: End 1: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	181.3640	473.2971	538.1438	
0.0000						
Beam 36: End 1: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	162.5362	473.2971	538.1438	
0.0000						
Beam 36: End 1: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	181.3640	182.8962	242.4832	
0.0000						
Beam 36: End 1: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	146.5765	251.4231	355.4168	
0.0000						
Beam 36: End 1: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	71.8966	211.6045	313.8087	
0.0000						
Beam 36: End 1: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	65.7963	35.8205	141.7655	
0.0000						
Beam 36: End 2: 1: PP	0.0000	0.0000	-38.0766	28.5868	-72.7800	0.0000
Beam 36: End 2: 2: PERM	0.0000	0.0000	-2.3418	-21.7391	-59.2142	0.0000
Beam 36: End 2: 3: SPTSX	0.0000	0.0000	27.0753	-88.0195	-33.7834	0.0000
Beam 36: End 2: 4: SPTDX	0.0000	0.0000	63.7367	95.0104	9.4298	0.0000
Beam 36: End 2: 5: SPTW	0.0000	0.0000	3.1266	-6.4675	-3.0756	0.0000
Beam 36: End 2: 6: ACC_LM71	0.0000	0.0000	0.0311	-83.7592	-165.8343	0.0000
Beam 36: End 2: 7: ACC_SW2	0.0000	0.0000	0.0258	-69.3288	-137.2636	0.0000
Beam 36: End 2: 8: SPACCSX_LM71	0.0000	0.0000	18.1165	-57.9787	-21.7800	0.0000
Beam 36: End 2: 9: SPACCDX_LM71	0.0000	0.0000	27.2366	71.2656	10.4664	0.0000
Beam 36: End 2: 10: SPACCSX_SW2	0.0000	0.0000	14.9980	-47.9983	-18.0307	0.0000

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Beam 36: End 2: 11: SPACCDX_SW2	0.0000	0.0000	22.5443	58.9969	8.6656	0.0000
Beam 36: End 2: 12: AVV_LM71	0.0000	0.0000	32.9299	-101.7410	-36.4083	0.0000
Beam 36: End 2: 13: FREN_SW2	0.0000	0.0000	31.7350	-98.0493	-35.0872	0.0000
Beam 36: End 2: 14: SERP	0.0000	0.0000	0.1002	-0.3095	-0.1107	0.0000
Beam 36: End 2: 15: TERM	0.0000	0.0000	12.9347	-5.5620	10.8279	0.0000
Beam 36: End 2: 16: RITIRO	0.0000	0.0000	-9.6579	4.1529	-8.0848	0.0000
Beam 36: End 2: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Beam 36: End 2: 18: SISMA_H	0.0000	0.0000	37.0036	-162.6923	-53.9200	0.0000
Beam 36: End 2: 19: SISMA_V	0.0000	0.0000	0.0034	-9.1445	-18.1051	0.0000
Beam 36: End 2: 20: SPSSX	0.0000	0.0000	33.4044	-107.3881	-40.5723	0.0000
Beam 36: End 2: 21: SPSDX	0.0000	0.0000	61.3824	135.0180	16.9371	0.0000
Beam 36: End 2: 22: SLU01 [Combination 1]	0.0000	0.0000	113.0851	-346.5375	-539.3364	0.0000
Beam 36: End 2: 23: SLU02 [Combination 2]	0.0000	0.0000	63.5854	-252.4791	-527.2023	0.0000
Beam 36: End 2: 24: SLU03 [Combination 3]	0.0000	0.0000	87.9105	-264.7321	-508.8319	0.0000
Beam 36: End 2: 25: SLU04 [Combination 4]	0.0000	0.0000	123.6557	-379.6080	-552.2371	0.0000
Beam 36: End 2: 26: SLU05 [Combination 5]	0.0000	0.0000	145.9636	-346.3543	-548.9366	0.0000
Beam 36: End 2: 27: SLU06 [Combination 6]	0.0000	0.0000	98.1701	-77.3790	-255.6848	0.0000
Beam 36: End 2: 28: SLU07 [Combination 7]	0.0000	0.0000	112.0145	-374.6022	-561.9821	0.0000
Beam 36: End 2: 29: SLU08 [Combination 8]	0.0000	0.0000	90.3599	-109.7685	-203.9052	0.0000
Beam 36: End 2: 30: SLU09 [Combination 9]	0.0000	0.0000	75.9591	-232.1057	-499.4017	0.0000
Beam 36: End 2: 31: SLU10 [Combination 10]	0.0000	0.0000	78.7323	29.3705	-457.0100	0.0000
Beam 36: End 2: 32: SLU11 [Combination 11]	0.0000	0.0000	52.4935	-137.8827	-503.9477	0.0000
Beam 36: End 2: 33: SLU12 [Combination 12]	0.0000	0.0000	91.2976	-154.5686	-471.4641	0.0000
Beam 36: End 2: 34: SLU13 [Combination 13]	0.0000	0.0000	106.8228	-305.7887	-490.5568	0.0000
Beam 36: End 2: 35: SLU14 [Combination 14]	0.0000	0.0000	61.8450	-226.2019	-483.8591	0.0000
Beam 36: End 2: 36: SLU15 [Combination 15]	0.0000	0.0000	86.1701	-238.4549	-465.4887	0.0000
Beam 36: End 2: 37: SLU16 [Combination 16]	0.0000	0.0000	117.3935	-338.8592	-503.4575	0.0000
Beam 36: End 2: 38: SLU17 [Combination 17]	0.0000	0.0000	139.7014	-305.6055	-500.1571	0.0000
Beam 36: End 2: 39: SLU18 [Combination 18]	0.0000	0.0000	93.6482	-62.9074	-250.2484	0.0000
Beam 36: End 2: 40: SLU19 [Combination 19]	0.0000	0.0000	105.7523	-333.8534	-513.2026	0.0000

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Beam 36: End 2: 41: SLU20 [Combination 20]	0.0000	0.0000	85.8381	-95.2969	-198.4687	0.0000
Beam 36: End 2: 42: SLU21 [Combination 21]	0.0000	0.0000	71.4295	-196.7100	-452.5377	0.0000
Beam 36: End 2: 43: SLU22 [Combination 22]	0.0000	0.0000	71.9206	32.5050	-418.1936	0.0000
Beam 36: End 2: 44: SLU23 [Combination 23]	0.0000	0.0000	48.8682	-105.3813	-458.1711	0.0000
Beam 36: End 2: 45: SLU24 [Combination 24]	0.0000	0.0000	87.6724	-122.0672	-425.6874	0.0000
Beam 36: End 2: 46: SLU25 [Combination 25]	0.0000	0.0000	99.0605	-303.6179	-525.0438	0.0000
Beam 36: End 2: 47: SLU26 [Combination 26]	0.0000	0.0000	94.5309	-268.2222	-478.1798	0.0000
Beam 36: End 2: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	145.9976	-64.8084	-260.1412	0.0000
Beam 36: End 2: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	145.9956	-59.3217	-249.2781	0.0000
Beam 36: End 2: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	44.0124	18.1701	-209.8106	0.0000
Beam 36: End 2: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	44.0103	23.6568	-198.9475	0.0000
Beam 36: End 2: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	77.1298	-51.8376	-246.9268	0.0000
Beam 36: End 2: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	77.1230	-33.5486	-210.7165	0.0000
Beam 36: End 2: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	46.5342	-26.9440	-231.8276	0.0000
Beam 36: End 2: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	46.5274	-8.6550	-195.6173	0.0000
Beam 36: End 2: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	145.1338	-59.1879	-253.4130	0.0000
Beam 36: End 2: 57: SLU_SISMA10 [Combination 36]	0.0000	0.0000	145.1318	-53.7012	-242.5499	0.0000
Beam 36: End 2: 58: SLU_SISMA11 [Combination 37]	0.0000	0.0000	43.1486	23.7906	-203.0824	0.0000
Beam 36: End 2: 59: SLU_SISMA12 [Combination 38]	0.0000	0.0000	43.1466	29.2773	-192.2193	0.0000

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Beam 36: End 2: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	76.2660	-46.2170	-240.1986
Beam 36: End 2: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	76.2592	-27.9281	-203.9883
Beam 36: End 2: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	45.6704	-21.3235	-225.0994
Beam 36: End 2: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	45.6636	-3.0345	-188.8891
Beam 36: End 2: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	55.7229	35.7232	-278.5119
Beam 36: End 2: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	123.9325	-133.7368	-323.7718
Beam 36: End 2: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	64.2163	-198.9240	-355.1091
Beam 36: End 2: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	50.4259	42.4836	-255.1534
Beam 36: End 2: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	116.7236	-121.0696	-298.2995
Beam 36: End 2: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	60.7612	-176.4419	-328.1962
Beam 36: End 2: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	67.1274	-199.3658	-373.0748
Beam 36: End 2: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	64.0036	-174.9549	-340.7548
Beam 36: End 2: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	53.5203	7.3710	-159.4235
Beam 36: End 2: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	62.0758	-163.1843	-331.4667
Beam 36: End 2: 74: SLE_FREQ02 [Combination 53] 0.0000	0.0000	0.0000	59.5767	-143.6556	-305.6108
Beam 36: End 2: 75: SLU/SLV [Absolute Envelope 1] 0.0000	0.0000	0.0000	145.9976	379.6080	561.9821

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Beam 36: End 2: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	145.9636	379.6080	561.9821		
0.0000							
Beam 36: End 2: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	145.9976	64.8084	260.1412		
0.0000							
Beam 36: End 2: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	123.9325	199.3658	373.0748		
0.0000							
Beam 36: End 2: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	62.0758	163.1843	331.4667		
0.0000							
Beam 36: End 2: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	53.5203	7.3710	159.4235		
0.0000							
Beam 37: End 1: 1: PP	0.0000	0.0000	-38.0766	65.5210	-48.9908	0.0000	
Beam 37: End 1: 2: PERM	0.0000	0.0000	-2.3418	-19.4676	-59.2142	0.0000	
Beam 37: End 1: 3: SPTSX	0.0000	0.0000	27.0753	-114.2826	-33.7834	0.0000	
Beam 37: End 1: 4: SPTDX	0.0000	0.0000	79.3377	25.0338	9.4298	0.0000	
Beam 37: End 1: 5: SPTW	0.0000	0.0000	3.1266	-9.5003	-3.0756	0.0000	
Beam 37: End 1: 6: ACC_LM71	0.0000	0.0000	0.0311	-83.7894	-165.8343	0.0000	
Beam 37: End 1: 7: ACC_SW2	0.0000	0.0000	0.0258	-69.3538	-137.2636	0.0000	
Beam 37: End 1: 8: SPACCSX_LM71	0.0000	0.0000	18.1165	-75.5517	-21.7800	0.0000	
Beam 37: End 1: 9: SPACCDX_LM71	0.0000	0.0000	44.6966	36.3780	10.4664	0.0000	
Beam 37: End 1: 10: SPACCSX_SW2	0.0000	0.0000	14.9980	-62.5463	-18.0307	0.0000	
Beam 37: End 1: 11: SPACCDX_SW2	0.0000	0.0000	36.9973	30.1192	8.6656	0.0000	
Beam 37: End 1: 12: AVV_LM71	0.0000	0.0000	32.9299	-133.6830	-36.4083	0.0000	
Beam 37: End 1: 13: FREN_SW2	0.0000	0.0000	31.7350	-128.8322	-35.0872	0.0000	
Beam 37: End 1: 14: SERP	0.0000	0.0000	0.1002	-0.4066	-0.1107	0.0000	
Beam 37: End 1: 15: TERM	0.0000	0.0000	12.9347	-18.1087	10.8279	0.0000	
Beam 37: End 1: 16: RITIRO	0.0000	0.0000	-9.6579	13.5211	-8.0848	0.0000	
Beam 37: End 1: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Beam 37: End 1: 18: SISMA_H	0.0000	0.0000	31.6395	-195.9842	-53.9200	0.0000	
Beam 37: End 1: 19: SISMA_V	0.0000	0.0000	0.0034	-9.1478	-18.1051	0.0000	
Beam 37: End 1: 20: SPSSX	0.0000	0.0000	33.4044	-139.7904	-40.5723	0.0000	
Beam 37: End 1: 21: SPSDX	0.0000	0.0000	97.8544	57.7882	16.9371	0.0000	

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Beam 37: End 1: 22: SLU01 [Combination 1]	0.0000	0.0000	128.6861	-464.3820	-507.2209	0.0000
Beam 37: End 1: 23: SLU02 [Combination 2]	0.0000	0.0000	79.1864	-322.3090	-495.0868	0.0000
Beam 37: End 1: 24: SLU03 [Combination 3]	0.0000	0.0000	103.5115	-358.1572	-476.7164	0.0000
Beam 37: End 1: 25: SLU04 [Combination 4]	0.0000	0.0000	139.2567	-507.7060	-520.1216	0.0000
Beam 37: End 1: 26: SLU05 [Combination 5]	0.0000	0.0000	167.0249	-498.9442	-516.8212	0.0000
Beam 37: End 1: 27: SLU06 [Combination 6]	0.0000	0.0000	119.2314	-183.6092	-223.5694	0.0000
Beam 37: End 1: 28: SLU07 [Combination 7]	0.0000	0.0000	127.6155	-491.4082	-529.8667	0.0000
Beam 37: End 1: 29: SLU08 [Combination 8]	0.0000	0.0000	105.9609	-205.5696	-180.1159	0.0000
Beam 37: End 1: 30: SLU09 [Combination 9]	0.0000	0.0000	91.5601	-313.9381	-467.2862	0.0000
Beam 37: End 1: 31: SLU10 [Combination 10]	0.0000	0.0000	125.1106	-70.2838	-424.8945	0.0000
Beam 37: End 1: 32: SLU11 [Combination 11]	0.0000	0.0000	73.5548	-199.8066	-471.8323	0.0000
Beam 37: End 1: 33: SLU12 [Combination 12]	0.0000	0.0000	112.3590	-254.1325	-439.3486	0.0000
Beam 37: End 1: 34: SLU13 [Combination 13]	0.0000	0.0000	122.4238	-417.5589	-458.4413	0.0000
Beam 37: End 1: 35: SLU14 [Combination 14]	0.0000	0.0000	77.4460	-294.3436	-451.7437	0.0000
Beam 37: End 1: 36: SLU15 [Combination 15]	0.0000	0.0000	101.7711	-330.1919	-433.3733	0.0000
Beam 37: End 1: 37: SLU16 [Combination 16]	0.0000	0.0000	132.9945	-460.8829	-471.3420	0.0000
Beam 37: End 1: 38: SLU17 [Combination 17]	0.0000	0.0000	160.7627	-452.1211	-468.0416	0.0000
Beam 37: End 1: 39: SLU18 [Combination 18]	0.0000	0.0000	114.7096	-164.7514	-218.1329	0.0000
Beam 37: End 1: 40: SLU19 [Combination 19]	0.0000	0.0000	121.3533	-444.5851	-481.0871	0.0000
Beam 37: End 1: 41: SLU20 [Combination 20]	0.0000	0.0000	101.4391	-186.7118	-174.6795	0.0000
Beam 37: End 1: 42: SLU21 [Combination 21]	0.0000	0.0000	87.0305	-274.1486	-420.4222	0.0000
Beam 37: End 1: 43: SLU22 [Combination 22]	0.0000	0.0000	113.9388	-58.4273	-386.0782	0.0000
Beam 37: End 1: 44: SLU23 [Combination 23]	0.0000	0.0000	69.9296	-163.7887	-426.0556	0.0000
Beam 37: End 1: 45: SLU24 [Combination 24]	0.0000	0.0000	108.7337	-218.1147	-393.5720	0.0000
Beam 37: End 1: 46: SLU25 [Combination 25]	0.0000	0.0000	114.6615	-407.8586	-492.9283	0.0000
Beam 37: End 1: 47: SLU26 [Combination 26]	0.0000	0.0000	110.1319	-368.0691	-446.0643	0.0000
Beam 37: End 1: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	192.7065	-229.6654	-236.3520	0.0000
Beam 37: End 1: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	192.7045	-224.1767	-225.4889	0.0000

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Beam 37: End 1: 50: SLU_SISMA03 [Combination 29] 0.0000	0.0000	0.0000	64.9775	-35.2755	-186.0214
Beam 37: End 1: 51: SLU_SISMA04 [Combination 30] 0.0000	0.0000	0.0000	64.9754	-29.7868	-175.1583
Beam 37: End 1: 52: SLU_SISMA05 [Combination 31] 0.0000	0.0000	0.0000	102.0631	-139.3316	-223.1375
Beam 37: End 1: 53: SLU_SISMA06 [Combination 32] 0.0000	0.0000	0.0000	102.0563	-121.0361	-186.9273
Beam 37: End 1: 54: SLU_SISMA07 [Combination 33] 0.0000	0.0000	0.0000	63.7444	-81.0147	-208.0383
Beam 37: End 1: 55: SLU_SISMA08 [Combination 34] 0.0000	0.0000	0.0000	63.7376	-62.7191	-171.8281
Beam 37: End 1: 56: SLU_SISMA09 [Combination 35] 0.0000	0.0000	0.0000	191.8427	-223.2071	-229.6237
Beam 37: End 1: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	191.8407	-217.7184	-218.7607
Beam 37: End 1: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	64.1137	-28.8172	-179.2931
Beam 37: End 1: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	64.1117	-23.3285	-168.4301
Beam 37: End 1: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	101.1994	-132.8733	-216.4093
Beam 37: End 1: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	101.1926	-114.5777	-180.1990
Beam 37: End 1: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	62.8807	-74.5563	-201.3101
Beam 37: End 1: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	62.8739	-56.2607	-165.0999
Beam 37: End 1: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	85.2919	-33.2545	-254.7226
Beam 37: End 1: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	153.5015	-268.8777	-299.9825

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Beam 37: End 1: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	76.6971	-267.7354	-331.3198	
Beam 37: End 1: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	77.5893	-20.1893	-231.3642	
Beam 37: End 1: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	143.8870	-248.0513	-274.5103	
Beam 37: End 1: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	73.2420	-241.9019	-304.4070	
Beam 37: End 1: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	79.6082	-271.0010	-349.2856	
Beam 37: End 1: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	76.4844	-243.5600	-316.9656	
Beam 37: End 1: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	69.1213	-52.6957	-135.6343	
Beam 37: End 1: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	74.5566	-229.9194	-307.6775	
Beam 37: End 1: 74: SLE_FREQ02 [Combination 53] 0.0000	0.0000	0.0000	72.0575	-207.9666	-281.8215	
Beam 37: End 1: 75: SLU/SLV [Absolute Envelope 1] 0.0000	0.0000	0.0000	192.7065	507.7060	529.8667	
Beam 37: End 1: 76: SLU [Absolute Envelope 2] 0.0000	0.0000	0.0000	167.0249	507.7060	529.8667	
Beam 37: End 1: 77: SLV [Absolute Envelope 3] 0.0000	0.0000	0.0000	192.7065	229.6654	236.3520	
Beam 37: End 1: 78: SLE R [Absolute Envelope 4] 0.0000	0.0000	0.0000	153.5015	271.0010	349.2856	
Beam 37: End 1: 79: SLE F [Absolute Envelope 5] 0.0000	0.0000	0.0000	74.5566	229.9194	307.6775	
Beam 37: End 1: 80: SLE QP [Absolute Envelope 6] 0.0000	0.0000	0.0000	69.1213	52.6957	135.6343	
Beam 37: End 2: 1: PP	0.0000	0.0000	-38.0766	56.0019	-55.1220	0.0000
Beam 37: End 2: 2: PERM	0.0000	0.0000	-2.3418	-20.0531	-59.2142	0.0000

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Beam 37: End 2: 3: SPTSX	0.0000	0.0000	27.0753	-107.5138	-33.7834	0.0000
Beam 37: End 2: 4: SPTDX	0.0000	0.0000	76.0127	44.4630	9.4298	0.0000
Beam 37: End 2: 5: SPTW	0.0000	0.0000	3.1266	-8.7186	-3.0756	0.0000
Beam 37: End 2: 6: ACC_LM71	0.0000	0.0000	0.0311	-83.7816	-165.8343	0.0000
Beam 37: End 2: 7: ACC_SW2	0.0000	0.0000	0.0258	-69.3473	-137.2636	0.0000
Beam 37: End 2: 8: SPACCSX_LM71	0.0000	0.0000	18.1165	-71.0225	-21.7800	0.0000
Beam 37: End 2: 9: SPACCDX_LM71	0.0000	0.0000	40.1966	46.9896	10.4664	0.0000
Beam 37: End 2: 10: SPACCSX_SW2	0.0000	0.0000	14.9980	-58.7968	-18.0307	0.0000
Beam 37: End 2: 11: SPACCDX_SW2	0.0000	0.0000	33.2723	38.9029	8.6656	0.0000
Beam 37: End 2: 12: AVV_LM71	0.0000	0.0000	32.9299	-125.4506	-36.4083	0.0000
Beam 37: End 2: 13: FREN_SW2	0.0000	0.0000	31.7350	-120.8985	-35.0872	0.0000
Beam 37: End 2: 14: SERP	0.0000	0.0000	0.1002	-0.3816	-0.1107	0.0000
Beam 37: End 2: 15: TERM	0.0000	0.0000	12.9347	-14.8750	10.8279	0.0000
Beam 37: End 2: 16: RITIRO	0.0000	0.0000	-9.6579	11.1066	-8.0848	0.0000
Beam 37: End 2: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Beam 37: End 2: 18: SISMA_H	0.0000	0.0000	33.0220	-187.9015	-53.9200	0.0000
Beam 37: End 2: 19: SISMA_V	0.0000	0.0000	0.0034	-9.1469	-18.1051	0.0000
Beam 37: End 2: 20: SPSSX	0.0000	0.0000	33.4044	-131.4393	-40.5723	0.0000
Beam 37: End 2: 21: SPSDX	0.0000	0.0000	88.4544	81.0768	16.9371	0.0000
Beam 37: End 2: 22: SLU01 [Combination 1]	0.0000	0.0000	125.3611	-432.6157	-515.4981	0.0000
Beam 37: End 2: 23: SLU02 [Combination 2]	0.0000	0.0000	75.8614	-302.9176	-503.3640	0.0000
Beam 37: End 2: 24: SLU03 [Combination 3]	0.0000	0.0000	100.1865	-332.6846	-484.9936	0.0000
Beam 37: End 2: 25: SLU04 [Combination 4]	0.0000	0.0000	135.9317	-473.2971	-528.3988	0.0000
Beam 37: End 2: 26: SLU05 [Combination 5]	0.0000	0.0000	162.5362	-457.7350	-525.0983	0.0000
Beam 37: End 2: 27: SLU06 [Combination 6]	0.0000	0.0000	114.7427	-154.3484	-231.8465	0.0000
Beam 37: End 2: 28: SLU07 [Combination 7]	0.0000	0.0000	124.2905	-459.9096	-538.1438	0.0000
Beam 37: End 2: 29: SLU08 [Combination 8]	0.0000	0.0000	102.6359	-179.4846	-186.2472	0.0000
Beam 37: End 2: 30: SLU09 [Combination 9]	0.0000	0.0000	88.2351	-291.4532	-475.5634	0.0000
Beam 37: End 2: 31: SLU10 [Combination 10]	0.0000	0.0000	114.0969	-40.3688	-433.1717	0.0000
Beam 37: End 2: 32: SLU11 [Combination 11]	0.0000	0.0000	69.0661	-181.9649	-480.1094	0.0000

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Beam 37: End 2: 33: SLU12 [Combination 12]	0.0000	0.0000	107.8702	-226.5898	-447.6258	0.0000
Beam 37: End 2: 34: SLU13 [Combination 13]	0.0000	0.0000	119.0988	-387.3581	-466.7185	0.0000
Beam 37: End 2: 35: SLU14 [Combination 14]	0.0000	0.0000	74.1210	-275.3873	-460.0208	0.0000
Beam 37: End 2: 36: SLU15 [Combination 15]	0.0000	0.0000	98.4461	-305.1543	-441.6504	0.0000
Beam 37: End 2: 37: SLU16 [Combination 16]	0.0000	0.0000	129.6695	-428.0395	-479.6192	0.0000
Beam 37: End 2: 38: SLU17 [Combination 17]	0.0000	0.0000	156.2740	-412.4774	-476.3188	0.0000
Beam 37: End 2: 39: SLU18 [Combination 18]	0.0000	0.0000	110.2208	-136.6210	-226.4101	0.0000
Beam 37: End 2: 40: SLU19 [Combination 19]	0.0000	0.0000	118.0283	-414.6520	-489.3643	0.0000
Beam 37: End 2: 41: SLU20 [Combination 20]	0.0000	0.0000	98.1141	-161.7572	-180.8107	0.0000
Beam 37: End 2: 42: SLU21 [Combination 21]	0.0000	0.0000	83.7055	-252.7962	-428.6994	0.0000
Beam 37: End 2: 43: SLU22 [Combination 22]	0.0000	0.0000	104.0488	-31.1648	-394.3553	0.0000
Beam 37: End 2: 44: SLU23 [Combination 23]	0.0000	0.0000	65.4408	-146.8533	-434.3328	0.0000
Beam 37: End 2: 45: SLU24 [Combination 24]	0.0000	0.0000	104.2450	-191.4782	-401.8491	0.0000
Beam 37: End 2: 46: SLU25 [Combination 25]	0.0000	0.0000	111.3365	-379.5984	-501.2055	0.0000
Beam 37: End 2: 47: SLU26 [Combination 26]	0.0000	0.0000	106.8069	-340.9414	-454.3415	0.0000
Beam 37: End 2: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	181.3640	-182.8962	-242.4832	0.0000
Beam 37: End 2: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	181.3620	-177.4080	-231.6201	0.0000
Beam 37: End 2: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	60.2700	-19.6092	-192.1526	0.0000
Beam 37: End 2: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	60.2679	-14.1210	-181.2895	0.0000
Beam 37: End 2: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	96.3329	-114.5217	-229.2688	0.0000
Beam 37: End 2: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	96.3261	-96.2278	-193.0585	0.0000
Beam 37: End 2: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	60.0047	-65.5356	-214.1696	0.0000
Beam 37: End 2: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	59.9979	-47.2417	-177.9593	0.0000

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Beam 37: End 2: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	180.5002	-176.6538	-235.7550
0.0000					
Beam 37: End 2: 57: SLU_SISMA10 [Combination 36]	0.0000	0.0000	180.4982	-171.1656	-224.8919
0.0000					
Beam 37: End 2: 58: SLU_SISMA11 [Combination 37]	0.0000	0.0000	59.4062	-13.3667	-185.4244
0.0000					
Beam 37: End 2: 59: SLU_SISMA12 [Combination 38]	0.0000	0.0000	59.4042	-7.8786	-174.5613
0.0000					
Beam 37: End 2: 60: SLU_SISMA13 [Combination 39]	0.0000	0.0000	95.4691	-108.2793	-222.5406
0.0000					
Beam 37: End 2: 61: SLU_SISMA14 [Combination 40]	0.0000	0.0000	95.4623	-89.9854	-186.3303
0.0000					
Beam 37: End 2: 62: SLU_SISMA15 [Combination 41]	0.0000	0.0000	59.1409	-59.2932	-207.4414
0.0000					
Beam 37: End 2: 63: SLU_SISMA16 [Combination 42]	0.0000	0.0000	59.1341	-40.9993	-171.2311
0.0000					
Beam 37: End 2: 64: SLE_RARA01 [Combination 43]	0.0000	0.0000	78.3669	-12.7867	-260.8539
0.0000					
Beam 37: End 2: 65: SLE_RARA02 [Combination 44]	0.0000	0.0000	146.5765	-231.3576	-306.1138
0.0000					
Beam 37: End 2: 66: SLE_RARA03 [Combination 45]	0.0000	0.0000	74.0371	-248.8853	-337.4511
0.0000					
Beam 37: End 2: 67: SLE_RARA04 [Combination 46]	0.0000	0.0000	71.2843	-1.5697	-237.4954
0.0000					
Beam 37: End 2: 68: SLE_RARA05 [Combination 47]	0.0000	0.0000	137.5820	-212.8572	-280.6415
0.0000					
Beam 37: End 2: 69: SLE_RARA06 [Combination 48]	0.0000	0.0000	70.5820	-223.9156	-310.5382
0.0000					
Beam 37: End 2: 70: SLE_RARA07 [Combination 49]	0.0000	0.0000	76.9482	-251.4231	-355.4168
0.0000					
Beam 37: End 2: 71: SLE_RARA08 [Combination 50]	0.0000	0.0000	73.8244	-224.7631	-323.0968
0.0000					

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Beam 37: End 2: 72: SLE_QPERM01 [Combination 51]	0.0000	0.0000	65.7963	-35.8205	-141.7655	
0.0000						
Beam 37: End 2: 73: SLE_FREQ01 [Combination 52]	0.0000	0.0000	71.8966	-211.6045	-313.8087	
0.0000						
Beam 37: End 2: 74: SLE_FREQ02 [Combination 53]	0.0000	0.0000	69.3975	-190.2764	-287.9528	
0.0000						
Beam 37: End 2: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	181.3640	473.2971	538.1438	
0.0000						
Beam 37: End 2: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	162.5362	473.2971	538.1438	
0.0000						
Beam 37: End 2: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	181.3640	182.8962	242.4832	
0.0000						
Beam 37: End 2: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	146.5765	251.4231	355.4168	
0.0000						
Beam 37: End 2: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	71.8966	211.6045	313.8087	
0.0000						
Beam 37: End 2: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	65.7963	35.8205	141.7655	
0.0000						
Beam 38: End 1: 1: PP	0.0000	0.0000	-38.0766	75.0402	-42.8595	0.0000
Beam 38: End 1: 2: PERM	0.0000	0.0000	-2.3418	-18.8822	-59.2142	0.0000
Beam 38: End 1: 3: SPTSX	0.0000	0.0000	27.0753	-121.0514	-33.7834	0.0000
Beam 38: End 1: 4: SPTDX	0.0000	0.0000	82.1752	4.8348	9.4298	0.0000
Beam 38: End 1: 5: SPTW	0.0000	0.0000	3.1266	-10.2819	-3.0756	0.0000
Beam 38: End 1: 6: ACC_LM71	0.0000	0.0000	0.0311	-83.7972	-165.8343	0.0000
Beam 38: End 1: 7: ACC_SW2	0.0000	0.0000	0.0258	-69.3602	-137.2636	0.0000
Beam 38: End 1: 8: SPACCSX_LM71	0.0000	0.0000	18.1165	-80.0808	-21.7800	0.0000
Beam 38: End 1: 9: SPACCDX_LM71	0.0000	0.0000	49.1966	24.6413	10.4664	0.0000
Beam 38: End 1: 10: SPACCSX_SW2	0.0000	0.0000	14.9980	-66.2958	-18.0307	0.0000
Beam 38: End 1: 11: SPACCDX_SW2	0.0000	0.0000	40.7223	20.4043	8.6656	0.0000
Beam 38: End 1: 12: AVV_LM71	0.0000	0.0000	32.9299	-141.9155	-36.4083	0.0000
Beam 38: End 1: 13: FREN_SW2	0.0000	0.0000	31.7350	-136.7660	-35.0872	0.0000
Beam 38: End 1: 14: SERP	0.0000	0.0000	0.1002	-0.4317	-0.1107	0.0000

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Beam 38: End 1: 15: TERM	0.0000	0.0000	12.9347	-21.3423	10.8279	0.0000	
Beam 38: End 1: 16: RITIRO	0.0000	0.0000	-9.6579	15.9356	-8.0848	0.0000	
Beam 38: End 1: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Beam 38: End 1: 18: SISMA_H	0.0000	0.0000	30.2570	-203.7213	-53.9200	0.0000	
Beam 38: End 1: 19: SISMA_V	0.0000	0.0000	0.0034	-9.1486	-18.1051	0.0000	
Beam 38: End 1: 20: SPSSX	0.0000	0.0000	33.4044	-148.1415	-40.5723	0.0000	
Beam 38: End 1: 21: SPSPDX	0.0000	0.0000	107.2544	32.1496	16.9371	0.0000	
Beam 38: End 1: 22: SLU01 [Combination 1]	0.0000	0.0000	131.5236	-496.9181	-498.9437	0.0000	
Beam 38: End 1: 23: SLU02 [Combination 2]	0.0000	0.0000	82.0239	-342.4702	-486.8096	0.0000	
Beam 38: End 1: 24: SLU03 [Combination 3]	0.0000	0.0000	106.3490	-384.3997	-468.4392	0.0000	
Beam 38: End 1: 25: SLU04 [Combination 4]	0.0000	0.0000	142.0942	-542.8848	-511.8444	0.0000	
Beam 38: End 1: 26: SLU05 [Combination 5]	0.0000	0.0000	170.8556	-541.1926	-508.5440	0.0000	
Beam 38: End 1: 27: SLU06 [Combination 6]	0.0000	0.0000	123.0620	-213.9092	-215.2922	0.0000	
Beam 38: End 1: 28: SLU07 [Combination 7]	0.0000	0.0000	130.4530	-523.6767	-521.5895	0.0000	
Beam 38: End 1: 29: SLU08 [Combination 8]	0.0000	0.0000	108.7984	-232.4244	-173.9847	0.0000	
Beam 38: End 1: 30: SLU09 [Combination 9]	0.0000	0.0000	94.3976	-337.1927	-459.0090	0.0000	
Beam 38: End 1: 31: SLU10 [Combination 10]	0.0000	0.0000	135.4663	-102.8693	-416.6173	0.0000	
Beam 38: End 1: 32: SLU11 [Combination 11]	0.0000	0.0000	77.3855	-218.6875	-463.5551	0.0000	
Beam 38: End 1: 33: SLU12 [Combination 12]	0.0000	0.0000	116.1896	-282.7145	-431.0714	0.0000	
Beam 38: End 1: 34: SLU13 [Combination 13]	0.0000	0.0000	125.2613	-448.5294	-450.1641	0.0000	
Beam 38: End 1: 35: SLU14 [Combination 14]	0.0000	0.0000	80.2835	-314.0697	-443.4665	0.0000	
Beam 38: End 1: 36: SLU15 [Combination 15]	0.0000	0.0000	104.6086	-355.9992	-425.0961	0.0000	
Beam 38: End 1: 37: SLU16 [Combination 16]	0.0000	0.0000	135.8320	-494.4961	-463.0648	0.0000	
Beam 38: End 1: 38: SLU17 [Combination 17]	0.0000	0.0000	164.5934	-492.8039	-459.7644	0.0000	
Beam 38: End 1: 39: SLU18 [Combination 18]	0.0000	0.0000	118.5402	-193.9210	-209.8557	0.0000	
Beam 38: End 1: 40: SLU19 [Combination 19]	0.0000	0.0000	124.1908	-475.2880	-472.8099	0.0000	
Beam 38: End 1: 41: SLU20 [Combination 20]	0.0000	0.0000	104.2766	-212.4361	-168.5482	0.0000	
Beam 38: End 1: 42: SLU21 [Combination 21]	0.0000	0.0000	89.8680	-296.2708	-412.1450	0.0000	
Beam 38: End 1: 43: SLU22 [Combination 22]	0.0000	0.0000	123.1707	-88.0794	-377.8010	0.0000	
Beam 38: End 1: 44: SLU23 [Combination 23]	0.0000	0.0000	73.7602	-181.7633	-417.7784	0.0000	

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Beam 38: End 1: 45: SLU24 [Combination 24]	0.0000	0.0000	112.5644	-245.7903	-385.2948	0.0000
Beam 38: End 1: 46: SLU25 [Combination 25]	0.0000	0.0000	117.4990	-436.8885	-484.6511	0.0000
Beam 38: End 1: 47: SLU26 [Combination 26]	0.0000	0.0000	112.9694	-395.9667	-437.7871	0.0000
Beam 38: End 1: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	203.5615	-279.2088	-230.2207	0.0000
Beam 38: End 1: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	203.5595	-273.7196	-219.3576	0.0000
Beam 38: End 1: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	69.1975	-52.0573	-179.8901	0.0000
Beam 38: End 1: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	69.1954	-46.5681	-169.0270	0.0000
Beam 38: End 1: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	107.3059	-165.5127	-217.0063	0.0000
Beam 38: End 1: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	107.2991	-147.2154	-180.7960	0.0000
Beam 38: End 1: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	66.9967	-97.3672	-201.9071	0.0000
Beam 38: End 1: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	66.9899	-79.0699	-165.6968	0.0000
Beam 38: End 1: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	202.6977	-272.5345	-223.4925	0.0000
Beam 38: End 1: 57: SLU_SISMA10 [Combination 36]	0.0000	0.0000	202.6957	-267.0453	-212.6294	0.0000
Beam 38: End 1: 58: SLU_SISMA11 [Combination 37]	0.0000	0.0000	68.3337	-45.3830	-173.1619	0.0000
Beam 38: End 1: 59: SLU_SISMA12 [Combination 38]	0.0000	0.0000	68.3317	-39.8938	-162.2988	0.0000
Beam 38: End 1: 60: SLU_SISMA13 [Combination 39]	0.0000	0.0000	106.4421	-158.8384	-210.2781	0.0000
Beam 38: End 1: 61: SLU_SISMA14 [Combination 40]	0.0000	0.0000	106.4353	-140.5411	-174.0678	0.0000

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Beam 38: End 1: 62: SLU_SISMA15 [Combination 41]	0.0000	0.0000	66.1329	-90.6929	-195.1789
0.0000					
Beam 38: End 1: 63: SLU_SISMA16 [Combination 42]	0.0000	0.0000	66.1261	-72.3956	-158.9686
0.0000					
Beam 38: End 1: 64: SLE_RARA01 [Combination 43]	0.0000	0.0000	91.7294	-55.3921	-248.5914
0.0000					
Beam 38: End 1: 65: SLE_RARA02 [Combination 44]	0.0000	0.0000	159.9390	-308.0677	-293.8513
0.0000					
Beam 38: End 1: 66: SLE_RARA03 [Combination 45]	0.0000	0.0000	78.9671	-287.2013	-325.1886
0.0000					
Beam 38: End 1: 67: SLE_RARA04 [Combination 46]	0.0000	0.0000	83.4068	-40.3238	-225.2329
0.0000					
Beam 38: End 1: 68: SLE_RARA05 [Combination 47]	0.0000	0.0000	149.7045	-284.7601	-268.3790
0.0000					
Beam 38: End 1: 69: SLE_RARA06 [Combination 48]	0.0000	0.0000	75.5120	-260.5041	-298.2757
0.0000					
Beam 38: End 1: 70: SLE_RARA07 [Combination 49]	0.0000	0.0000	81.8782	-291.1947	-343.1543
0.0000					
Beam 38: End 1: 71: SLE_RARA08 [Combination 50]	0.0000	0.0000	78.7544	-262.9728	-310.8343
0.0000					
Beam 38: End 1: 72: SLE_QPERM01 [Combination 51]	0.0000	0.0000	71.9588	-70.3406	-129.5030
0.0000					
Beam 38: End 1: 73: SLE_FREQ01 [Combination 52]	0.0000	0.0000	76.8266	-248.8503	-301.5462
0.0000					
Beam 38: End 1: 74: SLE_FREQ02 [Combination 53]	0.0000	0.0000	74.3275	-226.2727	-275.6903
0.0000					
Beam 38: End 1: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	203.5615	542.8848	521.5895
0.0000					
Beam 38: End 1: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	170.8556	542.8848	521.5895
0.0000					
Beam 38: End 1: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	203.5615	279.2088	230.2207
0.0000					

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Beam 38: End 1: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	159.9390	308.0677	343.1543	
0.0000						
Beam 38: End 1: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	76.8266	248.8503	301.5462	
0.0000						
Beam 38: End 1: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	71.9588	70.3406	129.5030	
0.0000						
Beam 38: End 2: 1: PP	0.0000	0.0000	-38.0766	65.5210	-48.9908	0.0000
Beam 38: End 2: 2: PERM	0.0000	0.0000	-2.3418	-19.4676	-59.2142	0.0000
Beam 38: End 2: 3: SPTSX	0.0000	0.0000	27.0753	-114.2826	-33.7834	0.0000
Beam 38: End 2: 4: SPTDX	0.0000	0.0000	79.3377	25.0338	9.4298	0.0000
Beam 38: End 2: 5: SPTW	0.0000	0.0000	3.1266	-9.5003	-3.0756	0.0000
Beam 38: End 2: 6: ACC_LM71	0.0000	0.0000	0.0311	-83.7894	-165.8343	0.0000
Beam 38: End 2: 7: ACC_SW2	0.0000	0.0000	0.0258	-69.3538	-137.2636	0.0000
Beam 38: End 2: 8: SPACCSX_LM71	0.0000	0.0000	18.1165	-75.5517	-21.7800	0.0000
Beam 38: End 2: 9: SPACCDX_LM71	0.0000	0.0000	44.6966	36.3780	10.4664	0.0000
Beam 38: End 2: 10: SPACCSX_SW2	0.0000	0.0000	14.9980	-62.5463	-18.0307	0.0000
Beam 38: End 2: 11: SPACCDX_SW2	0.0000	0.0000	36.9973	30.1192	8.6656	0.0000
Beam 38: End 2: 12: AVV_LM71	0.0000	0.0000	32.9299	-133.6830	-36.4083	0.0000
Beam 38: End 2: 13: FREN_SW2	0.0000	0.0000	31.7350	-128.8322	-35.0872	0.0000
Beam 38: End 2: 14: SERP	0.0000	0.0000	0.1002	-0.4066	-0.1107	0.0000
Beam 38: End 2: 15: TERM	0.0000	0.0000	12.9347	-18.1087	10.8279	0.0000
Beam 38: End 2: 16: RITIRO	0.0000	0.0000	-9.6579	13.5211	-8.0848	0.0000
Beam 38: End 2: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Beam 38: End 2: 18: SISMA_H	0.0000	0.0000	31.6395	-195.9842	-53.9200	0.0000
Beam 38: End 2: 19: SISMA_V	0.0000	0.0000	0.0034	-9.1478	-18.1051	0.0000
Beam 38: End 2: 20: SPSSX	0.0000	0.0000	33.4044	-139.7904	-40.5723	0.0000
Beam 38: End 2: 21: SPSDX	0.0000	0.0000	97.8544	57.7882	16.9371	0.0000
Beam 38: End 2: 22: SLU01 [Combination 1]	0.0000	0.0000	128.6861	-464.3820	-507.2209	0.0000
Beam 38: End 2: 23: SLU02 [Combination 2]	0.0000	0.0000	79.1864	-322.3090	-495.0868	0.0000
Beam 38: End 2: 24: SLU03 [Combination 3]	0.0000	0.0000	103.5115	-358.1572	-476.7164	0.0000
Beam 38: End 2: 25: SLU04 [Combination 4]	0.0000	0.0000	139.2567	-507.7060	-520.1216	0.0000

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Beam 38: End 2: 26: SLU05 [Combination 5]	0.0000	0.0000	167.0249	-498.9442	-516.8212	0.0000
Beam 38: End 2: 27: SLU06 [Combination 6]	0.0000	0.0000	119.2314	-183.6092	-223.5694	0.0000
Beam 38: End 2: 28: SLU07 [Combination 7]	0.0000	0.0000	127.6155	-491.4082	-529.8667	0.0000
Beam 38: End 2: 29: SLU08 [Combination 8]	0.0000	0.0000	105.9609	-205.5696	-180.1159	0.0000
Beam 38: End 2: 30: SLU09 [Combination 9]	0.0000	0.0000	91.5601	-313.9381	-467.2862	0.0000
Beam 38: End 2: 31: SLU10 [Combination 10]	0.0000	0.0000	125.1106	-70.2838	-424.8945	0.0000
Beam 38: End 2: 32: SLU11 [Combination 11]	0.0000	0.0000	73.5548	-199.8066	-471.8323	0.0000
Beam 38: End 2: 33: SLU12 [Combination 12]	0.0000	0.0000	112.3590	-254.1325	-439.3486	0.0000
Beam 38: End 2: 34: SLU13 [Combination 13]	0.0000	0.0000	122.4238	-417.5589	-458.4413	0.0000
Beam 38: End 2: 35: SLU14 [Combination 14]	0.0000	0.0000	77.4460	-294.3436	-451.7437	0.0000
Beam 38: End 2: 36: SLU15 [Combination 15]	0.0000	0.0000	101.7711	-330.1919	-433.3733	0.0000
Beam 38: End 2: 37: SLU16 [Combination 16]	0.0000	0.0000	132.9945	-460.8829	-471.3420	0.0000
Beam 38: End 2: 38: SLU17 [Combination 17]	0.0000	0.0000	160.7627	-452.1211	-468.0416	0.0000
Beam 38: End 2: 39: SLU18 [Combination 18]	0.0000	0.0000	114.7096	-164.7514	-218.1329	0.0000
Beam 38: End 2: 40: SLU19 [Combination 19]	0.0000	0.0000	121.3533	-444.5851	-481.0871	0.0000
Beam 38: End 2: 41: SLU20 [Combination 20]	0.0000	0.0000	101.4391	-186.7118	-174.6795	0.0000
Beam 38: End 2: 42: SLU21 [Combination 21]	0.0000	0.0000	87.0305	-274.1486	-420.4222	0.0000
Beam 38: End 2: 43: SLU22 [Combination 22]	0.0000	0.0000	113.9388	-58.4273	-386.0782	0.0000
Beam 38: End 2: 44: SLU23 [Combination 23]	0.0000	0.0000	69.9296	-163.7887	-426.0556	0.0000
Beam 38: End 2: 45: SLU24 [Combination 24]	0.0000	0.0000	108.7337	-218.1147	-393.5720	0.0000
Beam 38: End 2: 46: SLU25 [Combination 25]	0.0000	0.0000	114.6615	-407.8586	-492.9283	0.0000
Beam 38: End 2: 47: SLU26 [Combination 26]	0.0000	0.0000	110.1319	-368.0691	-446.0643	0.0000
Beam 38: End 2: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	192.7065	-229.6654	-236.3520	0.0000
Beam 38: End 2: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	192.7045	-224.1767	-225.4889	0.0000
Beam 38: End 2: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	64.9775	-35.2755	-186.0214	0.0000
Beam 38: End 2: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	64.9754	-29.7868	-175.1583	0.0000

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Beam 38: End 2: 52: SLU_SISMA05 [Combination 31] 0.0000	0.0000	0.0000	102.0631	-139.3316	-223.1375
Beam 38: End 2: 53: SLU_SISMA06 [Combination 32] 0.0000	0.0000	0.0000	102.0563	-121.0361	-186.9273
Beam 38: End 2: 54: SLU_SISMA07 [Combination 33] 0.0000	0.0000	0.0000	63.7444	-81.0147	-208.0383
Beam 38: End 2: 55: SLU_SISMA08 [Combination 34] 0.0000	0.0000	0.0000	63.7376	-62.7191	-171.8281
Beam 38: End 2: 56: SLU_SISMA09 [Combination 35] 0.0000	0.0000	0.0000	191.8427	-223.2071	-229.6237
Beam 38: End 2: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	191.8407	-217.7184	-218.7607
Beam 38: End 2: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	64.1137	-28.8172	-179.2931
Beam 38: End 2: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	64.1117	-23.3285	-168.4301
Beam 38: End 2: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	101.1994	-132.8733	-216.4093
Beam 38: End 2: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	101.1926	-114.5777	-180.1990
Beam 38: End 2: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	62.8807	-74.5563	-201.3101
Beam 38: End 2: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	62.8739	-56.2607	-165.0999
Beam 38: End 2: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	85.2919	-33.2545	-254.7226
Beam 38: End 2: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	153.5015	-268.8777	-299.9825
Beam 38: End 2: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	76.6971	-267.7354	-331.3198
Beam 38: End 2: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	77.5893	-20.1893	-231.3642

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Beam 38: End 2: 68: SLE_RARA05 [Combination 47]	0.0000	0.0000	143.8870	-248.0513	-274.5103	
0.0000						
Beam 38: End 2: 69: SLE_RARA06 [Combination 48]	0.0000	0.0000	73.2420	-241.9019	-304.4070	
0.0000						
Beam 38: End 2: 70: SLE_RARA07 [Combination 49]	0.0000	0.0000	79.6082	-271.0010	-349.2856	
0.0000						
Beam 38: End 2: 71: SLE_RARA08 [Combination 50]	0.0000	0.0000	76.4844	-243.5600	-316.9656	
0.0000						
Beam 38: End 2: 72: SLE_QPERM01 [Combination 51]	0.0000	0.0000	69.1213	-52.6957	-135.6343	
0.0000						
Beam 38: End 2: 73: SLE_FREQ01 [Combination 52]	0.0000	0.0000	74.5566	-229.9194	-307.6775	
0.0000						
Beam 38: End 2: 74: SLE_FREQ02 [Combination 53]	0.0000	0.0000	72.0575	-207.9666	-281.8215	
0.0000						
Beam 38: End 2: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	192.7065	507.7060	529.8667	
0.0000						
Beam 38: End 2: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	167.0249	507.7060	529.8667	
0.0000						
Beam 38: End 2: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	192.7065	229.6654	236.3520	
0.0000						
Beam 38: End 2: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	153.5015	271.0010	349.2856	
0.0000						
Beam 38: End 2: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	74.5566	229.9194	307.6775	
0.0000						
Beam 38: End 2: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	69.1213	52.6957	135.6343	
0.0000						
Beam 39: End 1: 1: PP	0.0000	0.0000	42.8595	75.0402	38.0766	0.0000
Beam 39: End 1: 2: PERM	0.0000	0.0000	50.6642	-18.8822	2.3418	0.0000
Beam 39: End 1: 3: SPTSX	0.0000	0.0000	-9.4298	4.8348	-86.4252	0.0000
Beam 39: End 1: 4: SPTDX	0.0000	0.0000	33.7834	-121.0514	-27.0753	0.0000
Beam 39: End 1: 5: SPTW	0.0000	0.0000	2.7165	-9.5534	-3.7490	0.0000
Beam 39: End 1: 6: ACC_LM71	0.0000	0.0000	165.8343	-83.7972	-0.0311	0.0000

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Beam 39: End 1: 7: ACC_SW2	0.0000	0.0000	137.2636	-69.3602	-0.0258	0.0000
Beam 39: End 1: 8: SPACCSX_LM71	0.0000	0.0000	-10.4664	24.6413	-58.1766	0.0000
Beam 39: End 1: 9: SPACCDX_LM71	0.0000	0.0000	21.7800	-80.0808	-18.1165	0.0000
Beam 39: End 1: 10: SPACCSX_SW2	0.0000	0.0000	-8.6656	20.4043	-48.1623	0.0000
Beam 39: End 1: 11: SPACCDX_SW2	0.0000	0.0000	18.0307	-66.2958	-14.9980	0.0000
Beam 39: End 1: 12: AVV_LM71	0.0000	0.0000	-36.4083	141.9155	32.9299	0.0000
Beam 39: End 1: 13: FREN_SW2	0.0000	0.0000	-35.0872	136.7660	31.7350	0.0000
Beam 39: End 1: 14: SERP	0.0000	0.0000	-0.1107	0.4317	0.1002	0.0000
Beam 39: End 1: 15: TERM	0.0000	0.0000	-10.8279	-21.3423	-12.9347	0.0000
Beam 39: End 1: 16: RITIRO	0.0000	0.0000	8.0848	15.9356	9.6579	0.0000
Beam 39: End 1: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Beam 39: End 1: 18: SISMA_H	0.0000	0.0000	-53.9200	203.7213	30.2570	0.0000
Beam 39: End 1: 19: SISMA_V	0.0000	0.0000	18.1051	-9.1486	-0.0034	0.0000
Beam 39: End 1: 20: SPSSX	0.0000	0.0000	-16.9371	32.1496	-107.2544	0.0000
Beam 39: End 1: 21: SPSDX	0.0000	0.0000	40.5723	-148.1415	-33.4044	0.0000
Beam 39: End 1: 22: SLU01 [Combination 1]	0.0000	0.0000	333.4182	67.2125	-98.9864	0.0000
Beam 39: End 1: 23: SLU02 [Combination 2]	0.0000	0.0000	368.0413	69.8134	8.6004	0.0000
Beam 39: End 1: 24: SLU03 [Combination 3]	0.0000	0.0000	349.5453	28.1388	-15.9425	0.0000
Beam 39: End 1: 25: SLU04 [Combination 4]	0.0000	0.0000	331.0686	65.5609	-130.5474	0.0000
Beam 39: End 1: 26: SLU05 [Combination 5]	0.0000	0.0000	342.8928	23.1929	-140.0238	0.0000
Beam 39: End 1: 27: SLU06 [Combination 6]	0.0000	0.0000	155.2252	-61.0787	-187.7270	0.0000
Beam 39: End 1: 28: SLU07 [Combination 7]	0.0000	0.0000	340.8137	84.7690	-118.9062	0.0000
Beam 39: End 1: 29: SLU08 [Combination 8]	0.0000	0.0000	103.0680	-35.5336	-192.7483	0.0000
Beam 39: End 1: 30: SLU09 [Combination 9]	0.0000	0.0000	383.8174	-140.3019	-178.3475	0.0000
Beam 39: End 1: 31: SLU10 [Combination 10]	0.0000	0.0000	465.1894	-297.7929	-76.2054	0.0000
Beam 39: End 1: 32: SLU11 [Combination 11]	0.0000	0.0000	427.9641	-140.2865	-109.6605	0.0000
Beam 39: End 1: 33: SLU12 [Combination 12]	0.0000	0.0000	395.4805	-204.3135	-148.4647	0.0000
Beam 39: End 1: 34: SLU13 [Combination 13]	0.0000	0.0000	296.5175	74.5355	-86.1905	0.0000
Beam 39: End 1: 35: SLU14 [Combination 14]	0.0000	0.0000	328.5294	83.2801	6.8756	0.0000
Beam 39: End 1: 36: SLU15 [Combination 15]	0.0000	0.0000	310.0334	41.6056	-17.6673	0.0000

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Beam 39: End 1: 37: SLU16 [Combination 16]	0.0000	0.0000	294.1679	72.8840	-117.7515	0.0000
Beam 39: End 1: 38: SLU17 [Combination 17]	0.0000	0.0000	305.9921	30.5160	-127.2279	0.0000
Beam 39: End 1: 39: SLU18 [Combination 18]	0.0000	0.0000	157.8364	-67.2224	-173.2062	0.0000
Beam 39: End 1: 40: SLU19 [Combination 19]	0.0000	0.0000	303.9130	92.0921	-106.1102	0.0000
Beam 39: End 1: 41: SLU20 [Combination 20]	0.0000	0.0000	105.6792	-41.6773	-178.2276	0.0000
Beam 39: End 1: 42: SLU21 [Combination 21]	0.0000	0.0000	345.0010	-125.5120	-163.8190	0.0000
Beam 39: End 1: 43: SLU22 [Combination 22]	0.0000	0.0000	418.3254	-256.8711	-71.6758	0.0000
Beam 39: End 1: 44: SLU23 [Combination 23]	0.0000	0.0000	388.6256	-124.2678	-98.0361	0.0000
Beam 39: End 1: 45: SLU24 [Combination 24]	0.0000	0.0000	356.1420	-188.2948	-136.8403	0.0000
Beam 39: End 1: 46: SLU25 [Combination 25]	0.0000	0.0000	358.2619	-40.4353	-155.1427	0.0000
Beam 39: End 1: 47: SLU26 [Combination 26]	0.0000	0.0000	319.4455	-25.6454	-140.6141	0.0000
Beam 39: End 1: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	149.9684	26.3819	-68.9100	0.0000
Beam 39: End 1: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	139.1053	31.8711	-68.9079	0.0000
Beam 39: End 1: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	200.2990	-200.7697	-203.2740	0.0000
Beam 39: End 1: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	189.4359	-195.2805	-203.2719	0.0000
Beam 39: End 1: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	171.9854	-18.9280	-66.7092	0.0000
Beam 39: End 1: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	135.7751	-0.6308	-66.7024	0.0000
Beam 39: End 1: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	187.0846	-87.0735	-107.0184	0.0000
Beam 39: End 1: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	150.8743	-68.7762	-107.0116	0.0000
Beam 39: End 1: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	144.8787	27.3920	-67.1450	0.0000
Beam 39: End 1: 57: SLU_SISMA10 [Combination 36]	0.0000	0.0000	134.0156	32.8811	-67.1430	0.0000

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Beam 39: End 1: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	195.2093	-199.7596	-201.5090
Beam 39: End 1: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	184.3462	-194.2704	-201.5070
Beam 39: End 1: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	166.8956	-17.9180	-64.9442
Beam 39: End 1: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	130.6854	0.3793	-64.9374
Beam 39: End 1: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	181.9948	-86.0634	-105.2534
Beam 39: End 1: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	145.7846	-67.7661	-105.2466
Beam 39: End 1: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	297.9356	-281.7284	-156.4737
Beam 39: End 1: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	226.6888	-80.2743	-119.3075
Beam 39: End 1: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	223.5864	49.5470	-74.2197
Beam 39: End 1: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	272.4634	-258.4208	-145.0073
Beam 39: End 1: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	203.3304	-65.2060	-109.7529
Beam 39: End 1: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	203.2274	53.5873	-67.1599
Beam 39: End 1: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	258.0475	-22.9376	-105.8954
Beam 39: End 1: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	231.2776	-12.7376	-95.8758
Beam 39: End 1: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	120.5939	-69.6121	-76.8313
Beam 39: End 1: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	228.8936	-24.9437	-98.2629

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto</p> <p>IN17</p>	<p>Lotto</p> <p>12</p>	<p>Codifica</p> <p>EI2CLSL1000001</p>	<p>A</p>



Beam 39: End 2: 18: SISMA_H	0.0000	0.0000	-53.9200	190.2413	27.3320	0.0000	
Beam 39: End 2: 19: SISMA_V	0.0000	0.0000	16.6476	-4.8045	-0.0034	0.0000	
Beam 39: End 2: 20: SPSSX	0.0000	0.0000	-16.9371	27.9153	-107.2544	0.0000	
Beam 39: End 2: 21: SPSDX	0.0000	0.0000	40.5723	-137.9984	-33.4044	0.0000	
Beam 39: End 2: 22: SLU01 [Combination 1]	0.0000	0.0000	299.3710	146.3111	-102.3831	0.0000	
Beam 39: End 2: 23: SLU02 [Combination 2]	0.0000	0.0000	333.9942	157.5678	5.2038	0.0000	
Beam 39: End 2: 24: SLU03 [Combination 3]	0.0000	0.0000	315.4981	111.2693	-19.3391	0.0000	
Beam 39: End 2: 25: SLU04 [Combination 4]	0.0000	0.0000	297.0214	144.0722	-133.9440	0.0000	
Beam 39: End 2: 26: SLU05 [Combination 5]	0.0000	0.0000	308.8456	104.6602	-143.4204	0.0000	
Beam 39: End 2: 27: SLU06 [Combination 6]	0.0000	0.0000	140.5355	-24.1086	-187.7270	0.0000	
Beam 39: End 2: 28: SLU07 [Combination 7]	0.0000	0.0000	306.7665	165.7166	-122.3028	0.0000	
Beam 39: End 2: 29: SLU08 [Combination 8]	0.0000	0.0000	92.6618	-11.0674	-192.7483	0.0000	
Beam 39: End 2: 30: SLU09 [Combination 9]	0.0000	0.0000	349.7702	-48.6035	-178.3475	0.0000	
Beam 39: End 2: 31: SLU10 [Combination 10]	0.0000	0.0000	431.1422	-185.7515	-76.2054	0.0000	
Beam 39: End 2: 32: SLU11 [Combination 11]	0.0000	0.0000	393.9169	-37.5514	-109.6605	0.0000	
Beam 39: End 2: 33: SLU12 [Combination 12]	0.0000	0.0000	361.4333	-109.6992	-148.4647	0.0000	
Beam 39: End 2: 34: SLU13 [Combination 13]	0.0000	0.0000	265.8053	144.8259	-89.4639	0.0000	
Beam 39: End 2: 35: SLU14 [Combination 14]	0.0000	0.0000	297.8173	161.5735	3.6022	0.0000	
Beam 39: End 2: 36: SLU15 [Combination 15]	0.0000	0.0000	279.3212	115.2749	-20.9407	0.0000	
Beam 39: End 2: 37: SLU16 [Combination 16]	0.0000	0.0000	263.4557	142.5869	-121.0249	0.0000	
Beam 39: End 2: 38: SLU17 [Combination 17]	0.0000	0.0000	275.2799	103.1750	-130.5012	0.0000	
Beam 39: End 2: 39: SLU18 [Combination 18]	0.0000	0.0000	143.1467	-29.5995	-173.2062	0.0000	
Beam 39: End 2: 40: SLU19 [Combination 19]	0.0000	0.0000	273.2008	164.2313	-109.3836	0.0000	
Beam 39: End 2: 41: SLU20 [Combination 20]	0.0000	0.0000	95.2730	-16.5583	-178.2276	0.0000	
Beam 39: End 2: 42: SLU21 [Combination 21]	0.0000	0.0000	314.2889	-43.1008	-163.8190	0.0000	
Beam 39: End 2: 43: SLU22 [Combination 22]	0.0000	0.0000	387.6132	-156.1288	-71.6758	0.0000	
Beam 39: End 2: 44: SLU23 [Combination 23]	0.0000	0.0000	357.9134	-30.9505	-98.0361	0.0000	
Beam 39: End 2: 45: SLU24 [Combination 24]	0.0000	0.0000	325.4298	-103.0984	-136.8403	0.0000	
Beam 39: End 2: 46: SLU25 [Combination 25]	0.0000	0.0000	324.2147	44.8742	-156.7897	0.0000	
Beam 39: End 2: 47: SLU26 [Combination 26]	0.0000	0.0000	288.7334	50.3769	-142.2612	0.0000	

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto IN17</p>	<p>Lotto 12</p>	<p>Codifica EI2CLSL1000001</p>	<p>A</p>



Beam 39: End 2: 48: SLU_SISMA01 [Combination 27] 0.0000	0.0000	0.0000	136.4549	62.1848	-72.3035
Beam 39: End 2: 49: SLU_SISMA02 [Combination 28] 0.0000	0.0000	0.0000	126.4663	65.0675	-72.3014
Beam 39: End 2: 50: SLU_SISMA03 [Combination 29] 0.0000	0.0000	0.0000	186.7855	-152.3841	-200.8175
Beam 39: End 2: 51: SLU_SISMA04 [Combination 30] 0.0000	0.0000	0.0000	176.7969	-149.5014	-200.8154
Beam 39: End 2: 52: SLU_SISMA05 [Combination 31] 0.0000	0.0000	0.0000	157.4517	22.2516	-68.0552
Beam 39: End 2: 53: SLU_SISMA06 [Combination 32] 0.0000	0.0000	0.0000	124.1564	31.8607	-68.0484
Beam 39: End 2: 54: SLU_SISMA07 [Combination 33] 0.0000	0.0000	0.0000	172.5508	-42.1191	-106.6094
Beam 39: End 2: 55: SLU_SISMA08 [Combination 34] 0.0000	0.0000	0.0000	139.2556	-32.5100	-106.6026
Beam 39: End 2: 56: SLU_SISMA09 [Combination 35] 0.0000	0.0000	0.0000	131.8252	61.9799	-70.5215
Beam 39: End 2: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	121.8366	64.8627	-70.5195
Beam 39: End 2: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	182.1558	-152.5889	-199.0355
Beam 39: End 2: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	172.1672	-149.7062	-199.0335
Beam 39: End 2: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	152.8219	22.0467	-66.2732
Beam 39: End 2: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	119.5266	31.6558	-66.2664
Beam 39: End 2: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	167.9211	-42.3239	-104.8274
Beam 39: End 2: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	134.6258	-32.7148	-104.8206

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto IN17</p>	<p>Lotto 12</p>	<p>Codifica EI2CLSL1000001</p>	<p>A</p>

Beam 39: End 2: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	276.8494	-209.8802	-154.5997
Beam 39: End 2: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	205.6026	-26.2379	-121.1815
Beam 39: End 2: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	202.5002	102.8078	-76.0937
Beam 39: End 2: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	253.2172	-192.7107	-143.2013
Beam 39: End 2: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	184.0842	-16.7792	-111.5589
Beam 39: End 2: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	183.9812	101.9884	-68.9659
Beam 39: End 2: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	234.2913	38.6048	-107.0313
Beam 39: End 2: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	209.8214	42.3997	-97.0116
Beam 39: End 2: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	110.1877	-40.7644	-76.8313
Beam 39: End 2: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	207.8073	29.6439	-99.2056
Beam 39: End 2: 74: SLE_FREQ02 [Combination 53] 0.0000	0.0000	0.0000	188.2314	32.6798	-91.1899
Beam 39: End 2: 75: SLU/SLV [Absolute Envelope 1] 0.0000	0.0000	0.0000	431.1422	185.7515	200.8175
Beam 39: End 2: 76: SLU [Absolute Envelope 2] 0.0000	0.0000	0.0000	431.1422	185.7515	192.7483
Beam 39: End 2: 77: SLV [Absolute Envelope 3] 0.0000	0.0000	0.0000	186.7855	152.5889	200.8175
Beam 39: End 2: 78: SLE R [Absolute Envelope 4] 0.0000	0.0000	0.0000	276.8494	209.8802	154.5997
Beam 39: End 2: 79: SLE F [Absolute Envelope 5] 0.0000	0.0000	0.0000	207.8073	32.6798	99.2056

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto IN17</p>	<p>Lotto 12</p>	<p>Codifica EI2CLSL1000001</p>	<p>A</p>

Beam 39: End 2: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	110.1877	40.7644	76.8313		
0.0000							
Beam 40: End 1: 1: PP	0.0000	0.0000	36.7283	84.9886	38.0766	0.0000	
Beam 40: End 1: 2: PERM	0.0000	0.0000	46.3892	-6.7505	2.3418	0.0000	
Beam 40: End 1: 3: SPTSX	0.0000	0.0000	-9.4298	2.4773	-86.4252	0.0000	
Beam 40: End 1: 4: SPTDX	0.0000	0.0000	33.7834	-112.6056	-27.0753	0.0000	
Beam 40: End 1: 5: SPTW	0.0000	0.0000	2.7165	-8.8743	-3.7490	0.0000	
Beam 40: End 1: 6: ACC_LM71	0.0000	0.0000	152.4843	-44.0073	-0.0311	0.0000	
Beam 40: End 1: 7: ACC_SW2	0.0000	0.0000	126.2136	-36.4256	-0.0258	0.0000	
Beam 40: End 1: 8: SPACCSX_LM71	0.0000	0.0000	-10.4664	22.0247	-58.1766	0.0000	
Beam 40: End 1: 9: SPACCDX_LM71	0.0000	0.0000	21.7800	-74.6358	-18.1165	0.0000	
Beam 40: End 1: 10: SPACCSX_SW2	0.0000	0.0000	-8.6656	18.2379	-48.1623	0.0000	
Beam 40: End 1: 11: SPACCDX_SW2	0.0000	0.0000	18.0307	-61.7881	-14.9980	0.0000	
Beam 40: End 1: 12: AVV_LM71	0.0000	0.0000	-36.4083	132.8134	30.5874	0.0000	
Beam 40: End 1: 13: FREN_SW2	0.0000	0.0000	-35.0872	127.9942	29.4775	0.0000	
Beam 40: End 1: 14: SERP	0.0000	0.0000	-0.1107	0.4040	0.0930	0.0000	
Beam 40: End 1: 15: TERM	0.0000	0.0000	-10.8279	-24.0493	-12.9347	0.0000	
Beam 40: End 1: 16: RITIRO	0.0000	0.0000	8.0848	17.9568	9.6579	0.0000	
Beam 40: End 1: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Beam 40: End 1: 18: SISMA_H	0.0000	0.0000	-53.9200	190.2413	27.3320	0.0000	
Beam 40: End 1: 19: SISMA_V	0.0000	0.0000	16.6476	-4.8045	-0.0034	0.0000	
Beam 40: End 1: 20: SPSSX	0.0000	0.0000	-16.9371	27.9153	-107.2544	0.0000	
Beam 40: End 1: 21: SPSPDX	0.0000	0.0000	40.5723	-137.9984	-33.4044	0.0000	
Beam 40: End 1: 22: SLU01 [Combination 1]	0.0000	0.0000	299.3710	146.3111	-102.3831	0.0000	
Beam 40: End 1: 23: SLU02 [Combination 2]	0.0000	0.0000	333.9942	157.5678	5.2038	0.0000	
Beam 40: End 1: 24: SLU03 [Combination 3]	0.0000	0.0000	315.4981	111.2693	-19.3391	0.0000	
Beam 40: End 1: 25: SLU04 [Combination 4]	0.0000	0.0000	297.0214	144.0722	-133.9440	0.0000	
Beam 40: End 1: 26: SLU05 [Combination 5]	0.0000	0.0000	308.8456	104.6602	-143.4204	0.0000	
Beam 40: End 1: 27: SLU06 [Combination 6]	0.0000	0.0000	140.5355	-24.1086	-187.7270	0.0000	
Beam 40: End 1: 28: SLU07 [Combination 7]	0.0000	0.0000	306.7665	165.7166	-122.3028	0.0000	

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto</p> <p>IN17</p>	<p>Lotto</p> <p>12</p>	<p>Codifica</p> <p>EI2CLSL1000001</p>	<p>A</p>

Beam 40: End 1: 29: SLU08 [Combination 8]	0.0000	0.0000	92.6618	-11.0674	-192.7483	0.0000
Beam 40: End 1: 30: SLU09 [Combination 9]	0.0000	0.0000	349.7702	-48.6035	-178.3475	0.0000
Beam 40: End 1: 31: SLU10 [Combination 10]	0.0000	0.0000	431.1422	-185.7515	-76.2054	0.0000
Beam 40: End 1: 32: SLU11 [Combination 11]	0.0000	0.0000	393.9169	-37.5514	-109.6605	0.0000
Beam 40: End 1: 33: SLU12 [Combination 12]	0.0000	0.0000	361.4333	-109.6992	-148.4647	0.0000
Beam 40: End 1: 34: SLU13 [Combination 13]	0.0000	0.0000	265.8053	144.8259	-89.4639	0.0000
Beam 40: End 1: 35: SLU14 [Combination 14]	0.0000	0.0000	297.8173	161.5735	3.6022	0.0000
Beam 40: End 1: 36: SLU15 [Combination 15]	0.0000	0.0000	279.3212	115.2749	-20.9407	0.0000
Beam 40: End 1: 37: SLU16 [Combination 16]	0.0000	0.0000	263.4557	142.5869	-121.0249	0.0000
Beam 40: End 1: 38: SLU17 [Combination 17]	0.0000	0.0000	275.2799	103.1750	-130.5012	0.0000
Beam 40: End 1: 39: SLU18 [Combination 18]	0.0000	0.0000	143.1467	-29.5995	-173.2062	0.0000
Beam 40: End 1: 40: SLU19 [Combination 19]	0.0000	0.0000	273.2008	164.2313	-109.3836	0.0000
Beam 40: End 1: 41: SLU20 [Combination 20]	0.0000	0.0000	95.2730	-16.5583	-178.2276	0.0000
Beam 40: End 1: 42: SLU21 [Combination 21]	0.0000	0.0000	314.2889	-43.1008	-163.8190	0.0000
Beam 40: End 1: 43: SLU22 [Combination 22]	0.0000	0.0000	387.6132	-156.1288	-71.6758	0.0000
Beam 40: End 1: 44: SLU23 [Combination 23]	0.0000	0.0000	357.9134	-30.9505	-98.0361	0.0000
Beam 40: End 1: 45: SLU24 [Combination 24]	0.0000	0.0000	325.4298	-103.0984	-136.8403	0.0000
Beam 40: End 1: 46: SLU25 [Combination 25]	0.0000	0.0000	324.2147	44.8742	-156.7897	0.0000
Beam 40: End 1: 47: SLU26 [Combination 26]	0.0000	0.0000	288.7334	50.3769	-142.2612	0.0000
Beam 40: End 1: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	136.4549	62.1848	-72.3035	0.0000
Beam 40: End 1: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	126.4663	65.0675	-72.3014	0.0000
Beam 40: End 1: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	186.7855	-152.3841	-200.8175	0.0000
Beam 40: End 1: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	176.7969	-149.5014	-200.8154	0.0000
Beam 40: End 1: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	157.4517	22.2516	-68.0552	0.0000
Beam 40: End 1: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	124.1564	31.8607	-68.0484	0.0000

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto IN17</p>	<p>Lotto 12</p>	<p>Codifica EI2CLSL1000001</p>	<p>A</p>

Beam 40: End 1: 54: SLU_SISMA07 [Combination 33] 0.0000	0.0000	0.0000	172.5508	-42.1191	-106.6094
Beam 40: End 1: 55: SLU_SISMA08 [Combination 34] 0.0000	0.0000	0.0000	139.2556	-32.5100	-106.6026
Beam 40: End 1: 56: SLU_SISMA09 [Combination 35] 0.0000	0.0000	0.0000	131.8252	61.9799	-70.5215
Beam 40: End 1: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	121.8366	64.8627	-70.5195
Beam 40: End 1: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	182.1558	-152.5889	-199.0355
Beam 40: End 1: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	172.1672	-149.7062	-199.0335
Beam 40: End 1: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	152.8219	22.0467	-66.2732
Beam 40: End 1: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	119.5266	31.6558	-66.2664
Beam 40: End 1: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	167.9211	-42.3239	-104.8274
Beam 40: End 1: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	134.6258	-32.7148	-104.8206
Beam 40: End 1: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	276.8494	-209.8802	-154.5997
Beam 40: End 1: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	205.6026	-26.2379	-121.1815
Beam 40: End 1: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	202.5002	102.8078	-76.0937
Beam 40: End 1: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	253.2172	-192.7107	-143.2013
Beam 40: End 1: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	184.0842	-16.7792	-111.5589
Beam 40: End 1: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	183.9812	101.9884	-68.9659

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
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Beam 40: End 1: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	234.2913	38.6048	-107.0313	
Beam 40: End 1: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	209.8214	42.3997	-97.0116	
Beam 40: End 1: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	110.1877	-40.7644	-76.8313	
Beam 40: End 1: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	207.8073	29.6439	-99.2056	
Beam 40: End 1: 74: SLE_FREQ02 [Combination 53] 0.0000	0.0000	0.0000	188.2314	32.6798	-91.1899	
Beam 40: End 1: 75: SLU/SLV [Absolute Envelope 1] 0.0000	0.0000	0.0000	431.1422	185.7515	200.8175	
Beam 40: End 1: 76: SLU [Absolute Envelope 2] 0.0000	0.0000	0.0000	431.1422	185.7515	192.7483	
Beam 40: End 1: 77: SLV [Absolute Envelope 3] 0.0000	0.0000	0.0000	186.7855	152.5889	200.8175	
Beam 40: End 1: 78: SLE R [Absolute Envelope 4] 0.0000	0.0000	0.0000	276.8494	209.8802	154.5997	
Beam 40: End 1: 79: SLE F [Absolute Envelope 5] 0.0000	0.0000	0.0000	207.8073	32.6798	99.2056	
Beam 40: End 1: 80: SLE QP [Absolute Envelope 6] 0.0000	0.0000	0.0000	110.1877	40.7644	76.8313	
Beam 40: End 2: 1: PP	0.0000	0.0000	30.5970	93.4043	38.0766	0.0000
Beam 40: End 2: 2: PERM	0.0000	0.0000	42.1142	4.3125	2.3418	0.0000
Beam 40: End 2: 3: SPTSX	0.0000	0.0000	-9.4298	0.1199	-86.4252	0.0000
Beam 40: End 2: 4: SPTDX	0.0000	0.0000	33.7834	-104.1597	-27.0753	0.0000
Beam 40: End 2: 5: SPTW	0.0000	0.0000	2.7165	-8.1951	-3.7490	0.0000
Beam 40: End 2: 6: ACC_LM71	0.0000	0.0000	139.1343	-7.5550	-0.0311	0.0000
Beam 40: End 2: 7: ACC_SW2	0.0000	0.0000	115.1636	-6.2534	-0.0258	0.0000
Beam 40: End 2: 8: SPACCSX_LM71	0.0000	0.0000	-10.4664	19.4081	-58.1766	0.0000
Beam 40: End 2: 9: SPACCDX_LM71	0.0000	0.0000	21.7800	-69.1908	-18.1165	0.0000
Beam 40: End 2: 10: SPACCSX_SW2	0.0000	0.0000	-8.6656	16.0715	-48.1623	0.0000

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto</p> <p>IN17</p>	<p>Lotto</p> <p>12</p>	<p>Codifica</p> <p>EI2CLSL1000001</p>	<p>A</p>

Beam 40: End 2: 11: SPACCDX_SW2	0.0000	0.0000	18.0307	-57.2804	-14.9980	0.0000
Beam 40: End 2: 12: AVV_LM71	0.0000	0.0000	-36.4083	123.7114	28.2449	0.0000
Beam 40: End 2: 13: FREN_SW2	0.0000	0.0000	-35.0872	119.2224	27.2200	0.0000
Beam 40: End 2: 14: SERP	0.0000	0.0000	-0.1107	0.3763	0.0859	0.0000
Beam 40: End 2: 15: TERM	0.0000	0.0000	-10.8279	-26.7563	-12.9347	0.0000
Beam 40: End 2: 16: RITIRO	0.0000	0.0000	8.0848	19.9780	9.6579	0.0000
Beam 40: End 2: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Beam 40: End 2: 18: SISMA_H	0.0000	0.0000	-53.9200	176.7613	24.4070	0.0000
Beam 40: End 2: 19: SISMA_V	0.0000	0.0000	15.1901	-0.8248	-0.0034	0.0000
Beam 40: End 2: 20: SPSSX	0.0000	0.0000	-16.9371	23.6810	-107.2544	0.0000
Beam 40: End 2: 21: SPSDX	0.0000	0.0000	40.5723	-127.8553	-33.4044	0.0000
Beam 40: End 2: 22: SLU01 [Combination 1]	0.0000	0.0000	265.3238	216.8980	-105.7797	0.0000
Beam 40: End 2: 23: SLU02 [Combination 2]	0.0000	0.0000	299.9470	236.8104	1.8071	0.0000
Beam 40: End 2: 24: SLU03 [Combination 3]	0.0000	0.0000	281.4509	185.8879	-22.7358	0.0000
Beam 40: End 2: 25: SLU04 [Combination 4]	0.0000	0.0000	262.9742	214.0716	-137.3407	0.0000
Beam 40: End 2: 26: SLU05 [Combination 5]	0.0000	0.0000	274.7984	177.6157	-146.8170	0.0000
Beam 40: End 2: 27: SLU06 [Combination 6]	0.0000	0.0000	125.8458	9.1891	-187.7270	0.0000
Beam 40: End 2: 28: SLU07 [Combination 7]	0.0000	0.0000	272.7193	238.1523	-125.6994	0.0000
Beam 40: End 2: 29: SLU08 [Combination 8]	0.0000	0.0000	82.2555	10.7972	-192.7483	0.0000
Beam 40: End 2: 30: SLU09 [Combination 9]	0.0000	0.0000	315.7230	34.5832	-178.3475	0.0000
Beam 40: End 2: 31: SLU10 [Combination 10]	0.0000	0.0000	397.0950	-82.2218	-76.2054	0.0000
Beam 40: End 2: 32: SLU11 [Combination 11]	0.0000	0.0000	359.8698	56.6720	-109.6605	0.0000
Beam 40: End 2: 33: SLU12 [Combination 12]	0.0000	0.0000	327.3861	-23.5968	-148.4647	0.0000
Beam 40: End 2: 34: SLU13 [Combination 13]	0.0000	0.0000	235.0931	207.4382	-92.7372	0.0000
Beam 40: End 2: 35: SLU14 [Combination 14]	0.0000	0.0000	267.1051	232.1887	0.3288	0.0000
Beam 40: End 2: 36: SLU15 [Combination 15]	0.0000	0.0000	248.6090	181.2662	-24.2141	0.0000
Beam 40: End 2: 37: SLU16 [Combination 16]	0.0000	0.0000	232.7435	204.6118	-124.2982	0.0000
Beam 40: End 2: 38: SLU17 [Combination 17]	0.0000	0.0000	244.5677	168.1559	-133.7746	0.0000
Beam 40: End 2: 39: SLU18 [Combination 18]	0.0000	0.0000	128.4570	4.3510	-173.2062	0.0000
Beam 40: End 2: 40: SLU19 [Combination 19]	0.0000	0.0000	242.4886	228.6925	-112.6570	0.0000

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
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Beam 40: End 2: 41: SLU20 [Combination 20]	0.0000	0.0000	84.8667	5.9591	-178.2276	0.0000
Beam 40: End 2: 42: SLU21 [Combination 21]	0.0000	0.0000	283.5767	31.6324	-163.8190	0.0000
Beam 40: End 2: 43: SLU22 [Combination 22]	0.0000	0.0000	356.9011	-63.0645	-71.6758	0.0000
Beam 40: End 2: 44: SLU23 [Combination 23]	0.0000	0.0000	327.2012	54.6888	-98.0361	0.0000
Beam 40: End 2: 45: SLU24 [Combination 24]	0.0000	0.0000	294.7176	-25.5800	-136.8403	0.0000
Beam 40: End 2: 46: SLU25 [Combination 25]	0.0000	0.0000	290.1675	121.6720	-158.4367	0.0000
Beam 40: End 2: 47: SLU26 [Combination 26]	0.0000	0.0000	258.0212	118.7212	-143.9082	0.0000
Beam 40: End 2: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	122.9414	94.6093	-75.6970	0.0000
Beam 40: End 2: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	113.8273	95.1042	-75.6949	0.0000
Beam 40: End 2: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	173.2720	-107.3769	-198.3610	0.0000
Beam 40: End 2: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	164.1579	-106.8820	-198.3589	0.0000
Beam 40: End 2: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	142.9179	59.7978	-69.4012	0.0000
Beam 40: End 2: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	112.5376	61.4474	-69.3944	0.0000
Beam 40: End 2: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	158.0171	-0.7981	-106.2004	0.0000
Beam 40: End 2: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	127.6368	0.8516	-106.1936	0.0000
Beam 40: End 2: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	118.7717	93.3045	-73.8980	0.0000
Beam 40: End 2: 57: SLU_SISMA10 [Combination 36]	0.0000	0.0000	109.6576	93.7994	-73.8960	0.0000
Beam 40: End 2: 58: SLU_SISMA11 [Combination 37]	0.0000	0.0000	169.1023	-108.6817	-196.5620	0.0000
Beam 40: End 2: 59: SLU_SISMA12 [Combination 38]	0.0000	0.0000	159.9882	-108.1868	-196.5600	0.0000

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
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Beam 40: End 2: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	138.7481	58.4930	-67.6022
Beam 40: End 2: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	108.3679	60.1426	-67.5954
Beam 40: End 2: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	153.8473	-2.1029	-104.4014
Beam 40: End 2: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	123.4671	-0.4532	-104.3946
Beam 40: End 2: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	255.7631	-143.3037	-152.7257
Beam 40: End 2: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	184.5163	22.5270	-123.0555
Beam 40: End 2: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	181.4139	150.7971	-77.9677
Beam 40: End 2: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	233.9709	-131.8122	-141.3953
Beam 40: End 2: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	164.8379	26.8361	-113.3649
Beam 40: End 2: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	164.7349	145.5779	-70.7719
Beam 40: End 2: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	210.5350	94.2081	-108.1672
Beam 40: End 2: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	188.3651	92.1731	-98.1475
Beam 40: End 2: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	99.7814	-14.5182	-76.8313
Beam 40: End 2: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	186.7211	78.9599	-100.1483
Beam 40: End 2: 74: SLE_FREQ02 [Combination 53] 0.0000	0.0000	0.0000	168.9852	77.3319	-92.1326
Beam 40: End 2: 75: SLU/SLV [Absolute Envelope 1] 0.0000	0.0000	0.0000	397.0950	238.1523	198.3610

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Beam 40: End 2: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	397.0950	238.1523	192.7483	
0.0000						
Beam 40: End 2: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	173.2720	108.6817	198.3610	
0.0000						
Beam 40: End 2: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	255.7631	150.7971	152.7257	
0.0000						
Beam 40: End 2: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	186.7211	78.9599	100.1483	
0.0000						
Beam 40: End 2: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	99.7814	14.5182	76.8313	
0.0000						
Beam 41: End 1: 1: PP	0.0000	0.0000	30.5970	93.4043	38.0766	0.0000
Beam 41: End 1: 2: PERM	0.0000	0.0000	42.1142	4.3125	2.3418	0.0000
Beam 41: End 1: 3: SPTSX	0.0000	0.0000	-9.4298	0.1199	-86.4252	0.0000
Beam 41: End 1: 4: SPTDX	0.0000	0.0000	33.7834	-104.1597	-27.0753	0.0000
Beam 41: End 1: 5: SPTW	0.0000	0.0000	2.7165	-8.1951	-3.7490	0.0000
Beam 41: End 1: 6: ACC_LM71	0.0000	0.0000	139.1343	-7.5550	-0.0311	0.0000
Beam 41: End 1: 7: ACC_SW2	0.0000	0.0000	115.1636	-6.2534	-0.0258	0.0000
Beam 41: End 1: 8: SPACCSX_LM71	0.0000	0.0000	-10.4664	19.4081	-58.1766	0.0000
Beam 41: End 1: 9: SPACCDX_LM71	0.0000	0.0000	21.7800	-69.1908	-18.1165	0.0000
Beam 41: End 1: 10: SPACCSX_SW2	0.0000	0.0000	-8.6656	16.0715	-48.1623	0.0000
Beam 41: End 1: 11: SPACCDX_SW2	0.0000	0.0000	18.0307	-57.2804	-14.9980	0.0000
Beam 41: End 1: 12: AVV_LM71	0.0000	0.0000	-36.4083	123.7114	28.2449	0.0000
Beam 41: End 1: 13: FREN_SW2	0.0000	0.0000	-35.0872	119.2224	27.2200	0.0000
Beam 41: End 1: 14: SERP	0.0000	0.0000	-0.1107	0.3763	0.0859	0.0000
Beam 41: End 1: 15: TERM	0.0000	0.0000	-10.8279	-26.7563	-12.9347	0.0000
Beam 41: End 1: 16: RITIRO	0.0000	0.0000	8.0848	19.9780	9.6579	0.0000
Beam 41: End 1: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Beam 41: End 1: 18: SISMA_H	0.0000	0.0000	-53.9200	176.7613	24.4070	0.0000
Beam 41: End 1: 19: SISMA_V	0.0000	0.0000	15.1901	-0.8248	-0.0034	0.0000
Beam 41: End 1: 20: SPSSX	0.0000	0.0000	-16.9371	23.6810	-107.2544	0.0000
Beam 41: End 1: 21: SPSDX	0.0000	0.0000	40.5723	-127.8553	-33.4044	0.0000

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		IN17	12	EI2CLSL1000001	A

Beam 41: End 1: 22: SLU01 [Combination 1]	0.0000	0.0000	265.3238	216.8980	-105.7797	0.0000
Beam 41: End 1: 23: SLU02 [Combination 2]	0.0000	0.0000	299.9470	236.8104	1.8071	0.0000
Beam 41: End 1: 24: SLU03 [Combination 3]	0.0000	0.0000	281.4509	185.8879	-22.7358	0.0000
Beam 41: End 1: 25: SLU04 [Combination 4]	0.0000	0.0000	262.9742	214.0716	-137.3407	0.0000
Beam 41: End 1: 26: SLU05 [Combination 5]	0.0000	0.0000	274.7984	177.6157	-146.8170	0.0000
Beam 41: End 1: 27: SLU06 [Combination 6]	0.0000	0.0000	125.8458	9.1891	-187.7270	0.0000
Beam 41: End 1: 28: SLU07 [Combination 7]	0.0000	0.0000	272.7193	238.1523	-125.6994	0.0000
Beam 41: End 1: 29: SLU08 [Combination 8]	0.0000	0.0000	82.2555	10.7972	-192.7483	0.0000
Beam 41: End 1: 30: SLU09 [Combination 9]	0.0000	0.0000	315.7230	34.5832	-178.3475	0.0000
Beam 41: End 1: 31: SLU10 [Combination 10]	0.0000	0.0000	397.0950	-82.2218	-76.2054	0.0000
Beam 41: End 1: 32: SLU11 [Combination 11]	0.0000	0.0000	359.8698	56.6720	-109.6605	0.0000
Beam 41: End 1: 33: SLU12 [Combination 12]	0.0000	0.0000	327.3861	-23.5968	-148.4647	0.0000
Beam 41: End 1: 34: SLU13 [Combination 13]	0.0000	0.0000	235.0931	207.4382	-92.7372	0.0000
Beam 41: End 1: 35: SLU14 [Combination 14]	0.0000	0.0000	267.1051	232.1887	0.3288	0.0000
Beam 41: End 1: 36: SLU15 [Combination 15]	0.0000	0.0000	248.6090	181.2662	-24.2141	0.0000
Beam 41: End 1: 37: SLU16 [Combination 16]	0.0000	0.0000	232.7435	204.6118	-124.2982	0.0000
Beam 41: End 1: 38: SLU17 [Combination 17]	0.0000	0.0000	244.5677	168.1559	-133.7746	0.0000
Beam 41: End 1: 39: SLU18 [Combination 18]	0.0000	0.0000	128.4570	4.3510	-173.2062	0.0000
Beam 41: End 1: 40: SLU19 [Combination 19]	0.0000	0.0000	242.4886	228.6925	-112.6570	0.0000
Beam 41: End 1: 41: SLU20 [Combination 20]	0.0000	0.0000	84.8667	5.9591	-178.2276	0.0000
Beam 41: End 1: 42: SLU21 [Combination 21]	0.0000	0.0000	283.5767	31.6324	-163.8190	0.0000
Beam 41: End 1: 43: SLU22 [Combination 22]	0.0000	0.0000	356.9011	-63.0645	-71.6758	0.0000
Beam 41: End 1: 44: SLU23 [Combination 23]	0.0000	0.0000	327.2012	54.6888	-98.0361	0.0000
Beam 41: End 1: 45: SLU24 [Combination 24]	0.0000	0.0000	294.7176	-25.5800	-136.8403	0.0000
Beam 41: End 1: 46: SLU25 [Combination 25]	0.0000	0.0000	290.1675	121.6720	-158.4367	0.0000
Beam 41: End 1: 47: SLU26 [Combination 26]	0.0000	0.0000	258.0212	118.7212	-143.9082	0.0000
Beam 41: End 1: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	122.9414	94.6093	-75.6970	0.0000
Beam 41: End 1: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	113.8273	95.1042	-75.6949	0.0000

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
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Beam 41: End 1: 50: SLU_SISMA03 [Combination 29] 0.0000	0.0000	0.0000	173.2720	-107.3769	-198.3610
Beam 41: End 1: 51: SLU_SISMA04 [Combination 30] 0.0000	0.0000	0.0000	164.1579	-106.8820	-198.3589
Beam 41: End 1: 52: SLU_SISMA05 [Combination 31] 0.0000	0.0000	0.0000	142.9179	59.7978	-69.4012
Beam 41: End 1: 53: SLU_SISMA06 [Combination 32] 0.0000	0.0000	0.0000	112.5376	61.4474	-69.3944
Beam 41: End 1: 54: SLU_SISMA07 [Combination 33] 0.0000	0.0000	0.0000	158.0171	-0.7981	-106.2004
Beam 41: End 1: 55: SLU_SISMA08 [Combination 34] 0.0000	0.0000	0.0000	127.6368	0.8516	-106.1936
Beam 41: End 1: 56: SLU_SISMA09 [Combination 35] 0.0000	0.0000	0.0000	118.7717	93.3045	-73.8980
Beam 41: End 1: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	109.6576	93.7994	-73.8960
Beam 41: End 1: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	169.1023	-108.6817	-196.5620
Beam 41: End 1: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	159.9882	-108.1868	-196.5600
Beam 41: End 1: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	138.7481	58.4930	-67.6022
Beam 41: End 1: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	108.3679	60.1426	-67.5954
Beam 41: End 1: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	153.8473	-2.1029	-104.4014
Beam 41: End 1: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	123.4671	-0.4532	-104.3946
Beam 41: End 1: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	255.7631	-143.3037	-152.7257
Beam 41: End 1: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	184.5163	22.5270	-123.0555

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
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Beam 41: End 1: 66: SLE_RARA03 [Combination 45]	0.0000	0.0000	181.4139	150.7971	-77.9677
0.0000					
Beam 41: End 1: 67: SLE_RARA04 [Combination 46]	0.0000	0.0000	233.9709	-131.8122	-141.3953
0.0000					
Beam 41: End 1: 68: SLE_RARA05 [Combination 47]	0.0000	0.0000	164.8379	26.8361	-113.3649
0.0000					
Beam 41: End 1: 69: SLE_RARA06 [Combination 48]	0.0000	0.0000	164.7349	145.5779	-70.7719
0.0000					
Beam 41: End 1: 70: SLE_RARA07 [Combination 49]	0.0000	0.0000	210.5350	94.2081	-108.1672
0.0000					
Beam 41: End 1: 71: SLE_RARA08 [Combination 50]	0.0000	0.0000	188.3651	92.1731	-98.1475
0.0000					
Beam 41: End 1: 72: SLE_QPERM01 [Combination 51]	0.0000	0.0000	99.7814	-14.5182	-76.8313
0.0000					
Beam 41: End 1: 73: SLE_FREQ01 [Combination 52]	0.0000	0.0000	186.7211	78.9599	-100.1483
0.0000					
Beam 41: End 1: 74: SLE_FREQ02 [Combination 53]	0.0000	0.0000	168.9852	77.3319	-92.1326
0.0000					
Beam 41: End 1: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	397.0950	238.1523	198.3610
0.0000					
Beam 41: End 1: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	397.0950	238.1523	192.7483
0.0000					
Beam 41: End 1: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	173.2720	108.6817	198.3610
0.0000					
Beam 41: End 1: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	255.7631	150.7971	152.7257
0.0000					
Beam 41: End 1: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	186.7211	78.9599	100.1483
0.0000					
Beam 41: End 1: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	99.7814	14.5182	76.8313
0.0000					
Beam 41: End 2: 1: PP	0.0000	0.0000	-11.5860	109.7538	38.0766
				0.0000	
Beam 41: End 2: 2: PERM	0.0000	0.0000	12.7022	51.4546	2.3418
				0.0000	

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto</p> <p>IN17</p>	<p>Lotto</p> <p>12</p>	<p>Codifica</p> <p>EI2CLSL1000001</p>	<p>A</p>

Beam 41: End 2: 3: SPTSX	0.0000	0.0000	-9.4298	-16.0993	-86.4252	0.0000
Beam 41: End 2: 4: SPTDX	0.0000	0.0000	33.7834	-46.0522	-27.0753	0.0000
Beam 41: End 2: 5: SPTW	0.0000	0.0000	2.7165	-3.5227	-3.7490	0.0000
Beam 41: End 2: 6: ACC_LM71	0.0000	0.0000	47.2863	152.7667	-0.0311	0.0000
Beam 41: End 2: 7: ACC_SW2	0.0000	0.0000	39.1396	126.4473	-0.0258	0.0000
Beam 41: End 2: 8: SPACCSX_LM71	0.0000	0.0000	-10.4664	1.4060	-58.1766	0.0000
Beam 41: End 2: 9: SPACCDX_LM71	0.0000	0.0000	21.7800	-31.7292	-18.1165	0.0000
Beam 41: End 2: 10: SPACCSX_SW2	0.0000	0.0000	-8.6656	1.1667	-48.1623	0.0000
Beam 41: End 2: 11: SPACCDX_SW2	0.0000	0.0000	18.0307	-26.2676	-14.9980	0.0000
Beam 41: End 2: 12: AVV_LM71	0.0000	0.0000	-36.4083	61.0890	12.1285	0.0000
Beam 41: End 2: 13: FREN_SW2	0.0000	0.0000	-35.0872	58.8723	11.6884	0.0000
Beam 41: End 2: 14: SERP	0.0000	0.0000	-0.1107	0.1858	0.0369	0.0000
Beam 41: End 2: 15: TERM	0.0000	0.0000	-10.8279	-45.3802	-12.9347	0.0000
Beam 41: End 2: 16: RITIRO	0.0000	0.0000	8.0848	33.8839	9.6579	0.0000
Beam 41: End 2: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Beam 41: End 2: 18: SISMA_H	0.0000	0.0000	-53.9200	84.0188	4.2830	0.0000
Beam 41: End 2: 19: SISMA_V	0.0000	0.0000	5.1625	16.6785	-0.0034	0.0000
Beam 41: End 2: 20: SPSSX	0.0000	0.0000	-16.9371	-5.4509	-107.2544	0.0000
Beam 41: End 2: 21: SPSDX	0.0000	0.0000	40.5723	-58.0709	-33.4044	0.0000
Beam 41: End 2: 22: SLU01 [Combination 1]	0.0000	0.0000	31.0792	471.8046	-129.1485	0.0000
Beam 41: End 2: 23: SLU02 [Combination 2]	0.0000	0.0000	65.7023	551.2688	-21.5616	0.0000
Beam 41: End 2: 24: SLU03 [Combination 3]	0.0000	0.0000	47.2062	468.5330	-46.1045	0.0000
Beam 41: End 2: 25: SLU04 [Combination 4]	0.0000	0.0000	28.7296	464.9369	-160.7095	0.0000
Beam 41: End 2: 26: SLU05 [Combination 5]	0.0000	0.0000	40.5538	448.8186	-170.1858	0.0000
Beam 41: End 2: 27: SLU06 [Combination 6]	0.0000	0.0000	24.7807	138.7279	-187.7270	0.0000
Beam 41: End 2: 28: SLU07 [Combination 7]	0.0000	0.0000	38.4746	505.7791	-149.0682	0.0000
Beam 41: End 2: 29: SLU08 [Combination 8]	0.0000	0.0000	10.6605	90.7051	-192.7483	0.0000
Beam 41: End 2: 30: SLU09 [Combination 9]	0.0000	0.0000	81.4783	376.1763	-178.3475	0.0000
Beam 41: End 2: 31: SLU10 [Combination 10]	0.0000	0.0000	162.8504	399.3312	-76.2054	0.0000
Beam 41: End 2: 32: SLU11 [Combination 11]	0.0000	0.0000	125.6251	474.1976	-109.6605	0.0000

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto IN17</p>	<p>Lotto 12</p>	<p>Codifica EI2CLSL1000001</p>	<p>A</p>



Beam 41: End 2: 33: SLU12 [Combination 12]	0.0000	0.0000	93.1415	338.0569	-148.4647	0.0000
Beam 41: End 2: 34: SLU13 [Combination 13]	0.0000	0.0000	23.7933	430.0805	-115.2581	0.0000
Beam 41: End 2: 35: SLU14 [Combination 14]	0.0000	0.0000	55.8052	509.8916	-22.1920	0.0000
Beam 41: End 2: 36: SLU15 [Combination 15]	0.0000	0.0000	37.3091	427.1558	-46.7349	0.0000
Beam 41: End 2: 37: SLU16 [Combination 16]	0.0000	0.0000	21.4437	423.2128	-146.8190	0.0000
Beam 41: End 2: 38: SLU17 [Combination 17]	0.0000	0.0000	33.2679	407.0945	-156.2954	0.0000
Beam 41: End 2: 39: SLU18 [Combination 18]	0.0000	0.0000	27.3919	138.3811	-173.2062	0.0000
Beam 41: End 2: 40: SLU19 [Combination 19]	0.0000	0.0000	31.1887	464.0550	-135.1778	0.0000
Beam 41: End 2: 41: SLU20 [Combination 20]	0.0000	0.0000	13.2717	90.3582	-178.2276	0.0000
Beam 41: End 2: 42: SLU21 [Combination 21]	0.0000	0.0000	72.2768	337.6664	-163.8190	0.0000
Beam 41: End 2: 43: SLU22 [Combination 22]	0.0000	0.0000	145.6012	369.0875	-71.6758	0.0000
Beam 41: End 2: 44: SLU23 [Combination 23]	0.0000	0.0000	115.9013	435.7570	-98.0361	0.0000
Beam 41: End 2: 45: SLU24 [Combination 24]	0.0000	0.0000	83.4177	299.6164	-136.8403	0.0000
Beam 41: End 2: 46: SLU25 [Combination 25]	0.0000	0.0000	55.9228	419.3097	-169.7682	0.0000
Beam 41: End 2: 47: SLU26 [Combination 26]	0.0000	0.0000	46.7213	380.7998	-155.2397	0.0000
Beam 41: End 2: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	29.9685	226.1119	-99.0442	0.0000
Beam 41: End 2: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	26.8710	216.1048	-99.0422	0.0000
Beam 41: End 2: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	80.2991	110.6943	-181.4603	0.0000
Beam 41: End 2: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	77.2016	100.6872	-181.4582	0.0000
Beam 41: End 2: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	42.9257	219.6233	-78.6616	0.0000
Beam 41: End 2: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	32.6006	186.2664	-78.6548	0.0000
Beam 41: End 2: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	58.0249	184.9980	-103.3865	0.0000
Beam 41: End 2: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	47.6998	151.6411	-103.3797	0.0000

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto IN17</p>	<p>Lotto 12</p>	<p>Codifica EI2CLSL1000001</p>	<p>A</p>



Beam 41: End 2: 56: SLU_SISMA09 [Combination 35] 0.0000	0.0000	0.0000	28.9636	220.3568	-97.1283
Beam 41: End 2: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	25.8661	210.3498	-97.1263
Beam 41: End 2: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	79.2942	104.9392	-179.5444
Beam 41: End 2: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	76.1967	94.9322	-179.5423
Beam 41: End 2: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	41.9207	213.8682	-76.7457
Beam 41: End 2: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	31.5957	180.5113	-76.7389
Beam 41: End 2: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	57.0199	179.2430	-101.4705
Beam 41: End 2: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	46.6949	145.8860	-101.4637
Beam 41: End 2: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	110.6897	171.8458	-139.8326
Beam 41: End 2: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	39.4429	215.1319	-135.9487
Beam 41: End 2: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	36.3405	338.0659	-90.8608
Beam 41: End 2: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	101.5567	156.7416	-128.9700
Beam 41: End 2: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	32.4237	196.4810	-125.7902
Beam 41: End 2: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	32.3207	315.0457	-83.1972
Beam 41: End 2: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	47.0920	315.7673	-115.9820
Beam 41: End 2: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	40.7461	289.2087	-105.9623

GENERAL CONTRACTOR 		ALTA SORVEGLIANZA 			
		Progetto	Lotto	Codifica	
		IN17	12	EI2CLSL1000001	A

Beam 41: End 2: 72: SLE_QPERM01 [Combination 51]	0.0000	0.0000	28.1864	95.5341	-76.8313	
0.0000						
Beam 41: End 2: 73: SLE_FREQ01 [Combination 52]	0.0000	0.0000	41.6477	275.3570	-106.6341	
0.0000						
Beam 41: End 2: 74: SLE_FREQ02 [Combination 53]	0.0000	0.0000	36.5710	254.1102	-98.6184	
0.0000						
Beam 41: End 2: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	162.8504	551.2688	192.7483	
0.0000						
Beam 41: End 2: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	162.8504	551.2688	192.7483	
0.0000						
Beam 41: End 2: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	80.2991	226.1119	181.4603	
0.0000						
Beam 41: End 2: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	110.6897	338.0659	139.8326	
0.0000						
Beam 41: End 2: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	41.6477	275.3570	106.6341	
0.0000						
Beam 41: End 2: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	28.1864	95.5341	76.8313	
0.0000						
Beam 42: End 1: 1: PP	0.0000	0.0000	-11.5860	109.7538	38.0766	0.0000
Beam 42: End 1: 2: PERM	0.0000	0.0000	12.7022	51.4546	2.3418	0.0000
Beam 42: End 1: 3: SPTSX	0.0000	0.0000	-9.4298	-16.0993	-86.4252	0.0000
Beam 42: End 1: 4: SPTDX	0.0000	0.0000	33.7834	-46.0522	-27.0753	0.0000
Beam 42: End 1: 5: SPTW	0.0000	0.0000	2.7165	-3.5227	-3.7490	0.0000
Beam 42: End 1: 6: ACC_LM71	0.0000	0.0000	47.2863	152.7667	-0.0311	0.0000
Beam 42: End 1: 7: ACC_SW2	0.0000	0.0000	39.1396	126.4473	-0.0258	0.0000
Beam 42: End 1: 8: SPACCSX_LM71	0.0000	0.0000	-10.4664	1.4060	-58.1766	0.0000
Beam 42: End 1: 9: SPACCDX_LM71	0.0000	0.0000	21.7800	-31.7292	-18.1165	0.0000
Beam 42: End 1: 10: SPACCSX_SW2	0.0000	0.0000	-8.6656	1.1667	-48.1623	0.0000
Beam 42: End 1: 11: SPACCDX_SW2	0.0000	0.0000	18.0307	-26.2676	-14.9980	0.0000
Beam 42: End 1: 12: AVV_LM71	0.0000	0.0000	-36.4083	61.0890	12.1285	0.0000
Beam 42: End 1: 13: FREN_SW2	0.0000	0.0000	-35.0872	58.8723	11.6884	0.0000
Beam 42: End 1: 14: SERP	0.0000	0.0000	-0.1107	0.1858	0.0369	0.0000

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto</p> <p>IN17</p>	<p>Lotto</p> <p>12</p>	<p>Codifica</p> <p>EI2CLSL1000001</p>	<p>A</p>



Beam 42: End 1: 15: TERM	0.0000	0.0000	-10.8279	-45.3802	-12.9347	0.0000	
Beam 42: End 1: 16: RITIRO	0.0000	0.0000	8.0848	33.8839	9.6579	0.0000	
Beam 42: End 1: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Beam 42: End 1: 18: SISMA_H	0.0000	0.0000	-53.9200	84.0188	4.2830	0.0000	
Beam 42: End 1: 19: SISMA_V	0.0000	0.0000	5.1625	16.6785	-0.0034	0.0000	
Beam 42: End 1: 20: SPSSX	0.0000	0.0000	-16.9371	-5.4509	-107.2544	0.0000	
Beam 42: End 1: 21: SPSPDX	0.0000	0.0000	40.5723	-58.0709	-33.4044	0.0000	
Beam 42: End 1: 22: SLU01 [Combination 1]	0.0000	0.0000	31.0792	471.8046	-129.1485	0.0000	
Beam 42: End 1: 23: SLU02 [Combination 2]	0.0000	0.0000	65.7023	551.2688	-21.5616	0.0000	
Beam 42: End 1: 24: SLU03 [Combination 3]	0.0000	0.0000	47.2062	468.5330	-46.1045	0.0000	
Beam 42: End 1: 25: SLU04 [Combination 4]	0.0000	0.0000	28.7296	464.9369	-160.7095	0.0000	
Beam 42: End 1: 26: SLU05 [Combination 5]	0.0000	0.0000	40.5538	448.8186	-170.1858	0.0000	
Beam 42: End 1: 27: SLU06 [Combination 6]	0.0000	0.0000	24.7807	138.7279	-187.7270	0.0000	
Beam 42: End 1: 28: SLU07 [Combination 7]	0.0000	0.0000	38.4746	505.7791	-149.0682	0.0000	
Beam 42: End 1: 29: SLU08 [Combination 8]	0.0000	0.0000	10.6605	90.7051	-192.7483	0.0000	
Beam 42: End 1: 30: SLU09 [Combination 9]	0.0000	0.0000	81.4783	376.1763	-178.3475	0.0000	
Beam 42: End 1: 31: SLU10 [Combination 10]	0.0000	0.0000	162.8504	399.3312	-76.2054	0.0000	
Beam 42: End 1: 32: SLU11 [Combination 11]	0.0000	0.0000	125.6251	474.1976	-109.6605	0.0000	
Beam 42: End 1: 33: SLU12 [Combination 12]	0.0000	0.0000	93.1415	338.0569	-148.4647	0.0000	
Beam 42: End 1: 34: SLU13 [Combination 13]	0.0000	0.0000	23.7933	430.0805	-115.2581	0.0000	
Beam 42: End 1: 35: SLU14 [Combination 14]	0.0000	0.0000	55.8052	509.8916	-22.1920	0.0000	
Beam 42: End 1: 36: SLU15 [Combination 15]	0.0000	0.0000	37.3091	427.1558	-46.7349	0.0000	
Beam 42: End 1: 37: SLU16 [Combination 16]	0.0000	0.0000	21.4437	423.2128	-146.8190	0.0000	
Beam 42: End 1: 38: SLU17 [Combination 17]	0.0000	0.0000	33.2679	407.0945	-156.2954	0.0000	
Beam 42: End 1: 39: SLU18 [Combination 18]	0.0000	0.0000	27.3919	138.3811	-173.2062	0.0000	
Beam 42: End 1: 40: SLU19 [Combination 19]	0.0000	0.0000	31.1887	464.0550	-135.1778	0.0000	
Beam 42: End 1: 41: SLU20 [Combination 20]	0.0000	0.0000	13.2717	90.3582	-178.2276	0.0000	
Beam 42: End 1: 42: SLU21 [Combination 21]	0.0000	0.0000	72.2768	337.6664	-163.8190	0.0000	
Beam 42: End 1: 43: SLU22 [Combination 22]	0.0000	0.0000	145.6012	369.0875	-71.6758	0.0000	
Beam 42: End 1: 44: SLU23 [Combination 23]	0.0000	0.0000	115.9013	435.7570	-98.0361	0.0000	

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto</p> <p>IN17</p>	<p>Lotto</p> <p>12</p>	<p>Codifica</p> <p>EI2CLSL1000001</p>	<p>A</p>



Beam 42: End 1: 45: SLU24 [Combination 24]	0.0000	0.0000	83.4177	299.6164	-136.8403	0.0000
Beam 42: End 1: 46: SLU25 [Combination 25]	0.0000	0.0000	55.9228	419.3097	-169.7682	0.0000
Beam 42: End 1: 47: SLU26 [Combination 26]	0.0000	0.0000	46.7213	380.7998	-155.2397	0.0000
Beam 42: End 1: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	29.9685	226.1119	-99.0442	0.0000
Beam 42: End 1: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	26.8710	216.1048	-99.0422	0.0000
Beam 42: End 1: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	80.2991	110.6943	-181.4603	0.0000
Beam 42: End 1: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	77.2016	100.6872	-181.4582	0.0000
Beam 42: End 1: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	42.9257	219.6233	-78.6616	0.0000
Beam 42: End 1: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	32.6006	186.2664	-78.6548	0.0000
Beam 42: End 1: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	58.0249	184.9980	-103.3865	0.0000
Beam 42: End 1: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	47.6998	151.6411	-103.3797	0.0000
Beam 42: End 1: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	28.9636	220.3568	-97.1283	0.0000
Beam 42: End 1: 57: SLU_SISMA10 [Combination 36]	0.0000	0.0000	25.8661	210.3498	-97.1263	0.0000
Beam 42: End 1: 58: SLU_SISMA11 [Combination 37]	0.0000	0.0000	79.2942	104.9392	-179.5444	0.0000
Beam 42: End 1: 59: SLU_SISMA12 [Combination 38]	0.0000	0.0000	76.1967	94.9322	-179.5423	0.0000
Beam 42: End 1: 60: SLU_SISMA13 [Combination 39]	0.0000	0.0000	41.9207	213.8682	-76.7457	0.0000
Beam 42: End 1: 61: SLU_SISMA14 [Combination 40]	0.0000	0.0000	31.5957	180.5113	-76.7389	0.0000

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto IN17</p>	<p>Lotto 12</p>	<p>Codifica EI2CLSL1000001</p>	<p>A</p>

Beam 42: End 1: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	57.0199	179.2430	-101.4705
Beam 42: End 1: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	46.6949	145.8860	-101.4637
Beam 42: End 1: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	110.6897	171.8458	-139.8326
Beam 42: End 1: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	39.4429	215.1319	-135.9487
Beam 42: End 1: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	36.3405	338.0659	-90.8608
Beam 42: End 1: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	101.5567	156.7416	-128.9700
Beam 42: End 1: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	32.4237	196.4810	-125.7902
Beam 42: End 1: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	32.3207	315.0457	-83.1972
Beam 42: End 1: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	47.0920	315.7673	-115.9820
Beam 42: End 1: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	40.7461	289.2087	-105.9623
Beam 42: End 1: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	28.1864	95.5341	-76.8313
Beam 42: End 1: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	41.6477	275.3570	-106.6341
Beam 42: End 1: 74: SLE_FREQ02 [Combination 53] 0.0000	0.0000	0.0000	36.5710	254.1102	-98.6184
Beam 42: End 1: 75: SLU/SLV [Absolute Envelope 1] 0.0000	0.0000	0.0000	162.8504	551.2688	192.7483
Beam 42: End 1: 76: SLU [Absolute Envelope 2] 0.0000	0.0000	0.0000	162.8504	551.2688	192.7483
Beam 42: End 1: 77: SLV [Absolute Envelope 3] 0.0000	0.0000	0.0000	80.2991	226.1119	181.4603

GENERAL CONTRACTOR 		ALTA SORVEGLIANZA 			
		Progetto	Lotto	Codifica	
		IN17	12	EI2CLSL1000001	A

Beam 42: End 1: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	110.6897	338.0659	139.8326	
0.0000						
Beam 42: End 1: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	41.6477	275.3570	106.6341	
0.0000						
Beam 42: End 1: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	28.1864	95.5341	76.8313	
0.0000						
Beam 42: End 2: 1: PP	0.0000	0.0000	-54.0142	53.0096	38.0766	0.0000
Beam 42: End 2: 2: PERM	0.0000	0.0000	-16.8808	47.8401	2.3418	0.0000
Beam 42: End 2: 3: SPTSX	0.0000	0.0000	-9.4298	-32.4128	-86.4252	0.0000
Beam 42: End 2: 4: SPTDX	0.0000	0.0000	33.7834	12.3931	-27.0753	0.0000
Beam 42: End 2: 5: SPTW	0.0000	0.0000	2.7165	1.1769	-3.7490	0.0000
Beam 42: End 2: 6: ACC_LM71	0.0000	0.0000	-45.0957	154.6615	-0.0311	0.0000
Beam 42: End 2: 7: ACC_SW2	0.0000	0.0000	-37.3264	128.0157	-0.0258	0.0000
Beam 42: End 2: 8: SPACCSX_LM71	0.0000	0.0000	-10.4664	-16.7009	-58.1766	0.0000
Beam 42: End 2: 9: SPACCDX_LM71	0.0000	0.0000	21.7800	5.9502	-18.1165	0.0000
Beam 42: End 2: 10: SPACCSX_SW2	0.0000	0.0000	-8.6656	-13.8247	-48.1623	0.0000
Beam 42: End 2: 11: SPACCDX_SW2	0.0000	0.0000	18.0307	4.9255	-14.9980	0.0000
Beam 42: End 2: 12: AVV_LM71	0.0000	0.0000	-36.4083	-1.8974	-4.0816	0.0000
Beam 42: End 2: 13: FREN_SW2	0.0000	0.0000	-35.0872	-1.8286	-3.9335	0.0000
Beam 42: End 2: 14: SERP	0.0000	0.0000	-0.1107	-0.0058	-0.0124	0.0000
Beam 42: End 2: 15: TERM	0.0000	0.0000	-10.8279	-64.1124	-12.9347	0.0000
Beam 42: End 2: 16: RITIRO	0.0000	0.0000	8.0848	47.8706	9.6579	0.0000
Beam 42: End 2: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Beam 42: End 2: 18: SISMA_H	0.0000	0.0000	-53.9200	-9.2628	-15.9580	0.0000
Beam 42: End 2: 19: SISMA_V	0.0000	0.0000	-4.9234	16.8853	-0.0034	0.0000
Beam 42: End 2: 20: SPSSX	0.0000	0.0000	-16.9371	-34.7521	-107.2544	0.0000
Beam 42: End 2: 21: SPSPDX	0.0000	0.0000	40.5723	12.1192	-33.4044	0.0000
Beam 42: End 2: 22: SLU01 [Combination 1]	0.0000	0.0000	-204.5273	321.7719	-152.6531	0.0000
Beam 42: End 2: 23: SLU02 [Combination 2]	0.0000	0.0000	-169.9042	461.1342	-45.0663	0.0000
Beam 42: End 2: 24: SLU03 [Combination 3]	0.0000	0.0000	-188.4003	346.4002	-69.6092	0.0000
Beam 42: End 2: 25: SLU04 [Combination 4]	0.0000	0.0000	-206.8770	310.8394	-184.2141	0.0000

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Beam 42: End 2: 26: SLU05 [Combination 5]	0.0000	0.0000	-195.0528	315.1770	-193.6905	0.0000
Beam 42: End 2: 27: SLU06 [Combination 6]	0.0000	0.0000	-76.8719	93.6691	-187.7270	0.0000
Beam 42: End 2: 28: SLU07 [Combination 7]	0.0000	0.0000	-197.1319	368.5406	-172.5728	0.0000
Beam 42: End 2: 29: SLU08 [Combination 8]	0.0000	0.0000	-61.3507	46.8580	-192.7483	0.0000
Beam 42: End 2: 30: SLU09 [Combination 9]	0.0000	0.0000	-154.1282	313.3342	-178.3475	0.0000
Beam 42: End 2: 31: SLU10 [Combination 10]	0.0000	0.0000	-72.7562	477.2627	-76.2054	0.0000
Beam 42: End 2: 32: SLU11 [Combination 11]	0.0000	0.0000	-109.9814	487.7293	-109.6605	0.0000
Beam 42: End 2: 33: SLU12 [Combination 12]	0.0000	0.0000	-142.4650	295.3921	-148.4647	0.0000
Beam 42: End 2: 34: SLU13 [Combination 13]	0.0000	0.0000	-188.7351	287.4059	-137.9098	0.0000
Beam 42: End 2: 35: SLU14 [Combination 14]	0.0000	0.0000	-156.7231	422.5976	-44.8437	0.0000
Beam 42: End 2: 36: SLU15 [Combination 15]	0.0000	0.0000	-175.2192	307.8636	-69.3867	0.0000
Beam 42: End 2: 37: SLU16 [Combination 16]	0.0000	0.0000	-191.0847	276.4733	-169.4708	0.0000
Beam 42: End 2: 38: SLU17 [Combination 17]	0.0000	0.0000	-179.2605	280.8109	-178.9472	0.0000
Beam 42: End 2: 39: SLU18 [Combination 18]	0.0000	0.0000	-74.2607	97.8396	-173.2062	0.0000
Beam 42: End 2: 40: SLU19 [Combination 19]	0.0000	0.0000	-181.3396	334.1745	-157.8296	0.0000
Beam 42: End 2: 41: SLU20 [Combination 20]	0.0000	0.0000	-58.7395	51.0286	-178.2276	0.0000
Beam 42: End 2: 42: SLU21 [Combination 21]	0.0000	0.0000	-140.2515	278.8683	-163.8190	0.0000
Beam 42: End 2: 43: SLU22 [Combination 22]	0.0000	0.0000	-66.9271	437.1405	-71.6758	0.0000
Beam 42: End 2: 44: SLU23 [Combination 23]	0.0000	0.0000	-96.6270	452.4293	-98.0361	0.0000
Beam 42: End 2: 45: SLU24 [Combination 24]	0.0000	0.0000	-129.1106	260.0921	-136.8403	0.0000
Beam 42: End 2: 46: SLU25 [Combination 25]	0.0000	0.0000	-179.6837	312.2565	-181.1656	0.0000
Beam 42: End 2: 47: SLU26 [Combination 26]	0.0000	0.0000	-165.8070	277.7907	-166.6370	0.0000
Beam 42: End 2: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	-63.5449	197.0684	-122.5273	0.0000
Beam 42: End 2: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	-60.5909	186.9372	-122.5252	0.0000
Beam 42: End 2: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	-13.2143	168.7227	-164.4613	0.0000
Beam 42: End 2: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	-10.2603	158.5915	-164.4592	0.0000

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Beam 42: End 2: 52: SLU_SISMA05 [Combination 31] 0.0000	0.0000	0.0000	-57.6478	206.8886	-87.9760
Beam 42: End 2: 53: SLU_SISMA06 [Combination 32] 0.0000	0.0000	0.0000	-47.8011	173.1180	-87.9692
Beam 42: End 2: 54: SLU_SISMA07 [Combination 33] 0.0000	0.0000	0.0000	-42.5487	198.3849	-100.5562
Beam 42: End 2: 55: SLU_SISMA08 [Combination 34] 0.0000	0.0000	0.0000	-32.7019	164.6143	-100.5494
Beam 42: End 2: 56: SLU_SISMA09 [Combination 35] 0.0000	0.0000	0.0000	-61.3666	192.3282	-120.4937
Beam 42: End 2: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	-58.4126	182.1970	-120.4917
Beam 42: End 2: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	-11.0360	163.9825	-162.4277
Beam 42: End 2: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	-8.0820	153.8513	-162.4257
Beam 42: End 2: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	-55.4696	202.1485	-85.9424
Beam 42: End 2: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	-45.6229	168.3778	-85.9356
Beam 42: End 2: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	-40.3704	193.6448	-98.5226
Beam 42: End 2: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	-30.5237	159.8741	-98.5158
Beam 42: End 2: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	-35.2271	237.1209	-126.8645
Beam 42: End 2: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	-106.4739	157.1502	-148.9167
Beam 42: End 2: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	-109.5763	274.7169	-103.8289
Beam 42: End 2: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	-31.6273	217.2305	-116.4725

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Beam 42: End 2: 68: SLE_RARA05 [Combination 47]	0.0000	0.0000	-100.7603	137.3699	-138.2877	
0.0000						
Beam 42: End 2: 69: SLE_RARA06 [Combination 48]	0.0000	0.0000	-100.8633	255.7563	-95.6947	
0.0000						
Beam 42: End 2: 70: SLE_RARA07 [Combination 49]	0.0000	0.0000	-117.3012	255.0363	-123.8423	
0.0000						
Beam 42: End 2: 71: SLE_RARA08 [Combination 50]	0.0000	0.0000	-107.7311	231.2667	-113.8226	
0.0000						
Beam 42: End 2: 72: SLE_QPERM01 [Combination 51]	0.0000	0.0000	-43.8248	82.0069	-76.8313	
0.0000						
Beam 42: End 2: 73: SLE_FREQ01 [Combination 52]	0.0000	0.0000	-104.2692	221.1894	-113.1576	
0.0000						
Beam 42: End 2: 74: SLE_FREQ02 [Combination 53]	0.0000	0.0000	-96.6131	202.1737	-105.1418	
0.0000						
Beam 42: End 2: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	206.8770	487.7293	193.6905	
0.0000						
Beam 42: End 2: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	206.8770	487.7293	193.6905	
0.0000						
Beam 42: End 2: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	63.5449	206.8886	164.4613	
0.0000						
Beam 42: End 2: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	117.3012	274.7169	148.9167	
0.0000						
Beam 42: End 2: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	104.2692	221.1894	113.1576	
0.0000						
Beam 42: End 2: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	43.8248	82.0069	76.8313	
0.0000						
Beam 43: End 1: 1: PP	0.0000	0.0000	-54.0142	53.0096	38.0766	0.0000
Beam 43: End 1: 2: PERM	0.0000	0.0000	-16.8808	47.8401	2.3418	0.0000
Beam 43: End 1: 3: SPTSX	0.0000	0.0000	-9.4298	-32.4128	-86.4252	0.0000
Beam 43: End 1: 4: SPTDX	0.0000	0.0000	33.7834	12.3931	-27.0753	0.0000
Beam 43: End 1: 5: SPTW	0.0000	0.0000	2.7165	1.1769	-3.7490	0.0000
Beam 43: End 1: 6: ACC_LM71	0.0000	0.0000	-45.0957	154.6615	-0.0311	0.0000

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Beam 43: End 1: 7: ACC_SW2	0.0000	0.0000	-37.3264	128.0157	-0.0258	0.0000
Beam 43: End 1: 8: SPACCSX_LM71	0.0000	0.0000	-10.4664	-16.7009	-58.1766	0.0000
Beam 43: End 1: 9: SPACCDX_LM71	0.0000	0.0000	21.7800	5.9502	-18.1165	0.0000
Beam 43: End 1: 10: SPACCSX_SW2	0.0000	0.0000	-8.6656	-13.8247	-48.1623	0.0000
Beam 43: End 1: 11: SPACCDX_SW2	0.0000	0.0000	18.0307	4.9255	-14.9980	0.0000
Beam 43: End 1: 12: AVV_LM71	0.0000	0.0000	-36.4083	-1.8974	-4.0816	0.0000
Beam 43: End 1: 13: FREN_SW2	0.0000	0.0000	-35.0872	-1.8286	-3.9335	0.0000
Beam 43: End 1: 14: SERP	0.0000	0.0000	-0.1107	-0.0058	-0.0124	0.0000
Beam 43: End 1: 15: TERM	0.0000	0.0000	-10.8279	-64.1124	-12.9347	0.0000
Beam 43: End 1: 16: RITIRO	0.0000	0.0000	8.0848	47.8706	9.6579	0.0000
Beam 43: End 1: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Beam 43: End 1: 18: SISMA_H	0.0000	0.0000	-53.9200	-9.2628	-15.9580	0.0000
Beam 43: End 1: 19: SISMA_V	0.0000	0.0000	-4.9234	16.8853	-0.0034	0.0000
Beam 43: End 1: 20: SPSSX	0.0000	0.0000	-16.9371	-34.7521	-107.2544	0.0000
Beam 43: End 1: 21: SPSDX	0.0000	0.0000	40.5723	12.1192	-33.4044	0.0000
Beam 43: End 1: 22: SLU01 [Combination 1]	0.0000	0.0000	-204.5273	321.7719	-152.6531	0.0000
Beam 43: End 1: 23: SLU02 [Combination 2]	0.0000	0.0000	-169.9042	461.1342	-45.0663	0.0000
Beam 43: End 1: 24: SLU03 [Combination 3]	0.0000	0.0000	-188.4003	346.4002	-69.6092	0.0000
Beam 43: End 1: 25: SLU04 [Combination 4]	0.0000	0.0000	-206.8770	310.8394	-184.2141	0.0000
Beam 43: End 1: 26: SLU05 [Combination 5]	0.0000	0.0000	-195.0528	315.1770	-193.6905	0.0000
Beam 43: End 1: 27: SLU06 [Combination 6]	0.0000	0.0000	-76.8719	93.6691	-187.7270	0.0000
Beam 43: End 1: 28: SLU07 [Combination 7]	0.0000	0.0000	-197.1319	368.5406	-172.5728	0.0000
Beam 43: End 1: 29: SLU08 [Combination 8]	0.0000	0.0000	-61.3507	46.8580	-192.7483	0.0000
Beam 43: End 1: 30: SLU09 [Combination 9]	0.0000	0.0000	-154.1282	313.3342	-178.3475	0.0000
Beam 43: End 1: 31: SLU10 [Combination 10]	0.0000	0.0000	-72.7562	477.2627	-76.2054	0.0000
Beam 43: End 1: 32: SLU11 [Combination 11]	0.0000	0.0000	-109.9814	487.7293	-109.6605	0.0000
Beam 43: End 1: 33: SLU12 [Combination 12]	0.0000	0.0000	-142.4650	295.3921	-148.4647	0.0000
Beam 43: End 1: 34: SLU13 [Combination 13]	0.0000	0.0000	-188.7351	287.4059	-137.9098	0.0000
Beam 43: End 1: 35: SLU14 [Combination 14]	0.0000	0.0000	-156.7231	422.5976	-44.8437	0.0000
Beam 43: End 1: 36: SLU15 [Combination 15]	0.0000	0.0000	-175.2192	307.8636	-69.3867	0.0000

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Beam 43: End 1: 37: SLU16 [Combination 16]	0.0000	0.0000	-191.0847	276.4733	-169.4708	0.0000
Beam 43: End 1: 38: SLU17 [Combination 17]	0.0000	0.0000	-179.2605	280.8109	-178.9472	0.0000
Beam 43: End 1: 39: SLU18 [Combination 18]	0.0000	0.0000	-74.2607	97.8396	-173.2062	0.0000
Beam 43: End 1: 40: SLU19 [Combination 19]	0.0000	0.0000	-181.3396	334.1745	-157.8296	0.0000
Beam 43: End 1: 41: SLU20 [Combination 20]	0.0000	0.0000	-58.7395	51.0286	-178.2276	0.0000
Beam 43: End 1: 42: SLU21 [Combination 21]	0.0000	0.0000	-140.2515	278.8683	-163.8190	0.0000
Beam 43: End 1: 43: SLU22 [Combination 22]	0.0000	0.0000	-66.9271	437.1405	-71.6758	0.0000
Beam 43: End 1: 44: SLU23 [Combination 23]	0.0000	0.0000	-96.6270	452.4293	-98.0361	0.0000
Beam 43: End 1: 45: SLU24 [Combination 24]	0.0000	0.0000	-129.1106	260.0921	-136.8403	0.0000
Beam 43: End 1: 46: SLU25 [Combination 25]	0.0000	0.0000	-179.6837	312.2565	-181.1656	0.0000
Beam 43: End 1: 47: SLU26 [Combination 26]	0.0000	0.0000	-165.8070	277.7907	-166.6370	0.0000
Beam 43: End 1: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	-63.5449	197.0684	-122.5273	0.0000
Beam 43: End 1: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	-60.5909	186.9372	-122.5252	0.0000
Beam 43: End 1: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	-13.2143	168.7227	-164.4613	0.0000
Beam 43: End 1: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	-10.2603	158.5915	-164.4592	0.0000
Beam 43: End 1: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	-57.6478	206.8886	-87.9760	0.0000
Beam 43: End 1: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	-47.8011	173.1180	-87.9692	0.0000
Beam 43: End 1: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	-42.5487	198.3849	-100.5562	0.0000
Beam 43: End 1: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	-32.7019	164.6143	-100.5494	0.0000
Beam 43: End 1: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	-61.3666	192.3282	-120.4937	0.0000
Beam 43: End 1: 57: SLU_SISMA10 [Combination 36]	0.0000	0.0000	-58.4126	182.1970	-120.4917	0.0000

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Beam 43: End 1: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	-11.0360	163.9825	-162.4277
Beam 43: End 1: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	-8.0820	153.8513	-162.4257
Beam 43: End 1: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	-55.4696	202.1485	-85.9424
Beam 43: End 1: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	-45.6229	168.3778	-85.9356
Beam 43: End 1: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	-40.3704	193.6448	-98.5226
Beam 43: End 1: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	-30.5237	159.8741	-98.5158
Beam 43: End 1: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	-35.2271	237.1209	-126.8645
Beam 43: End 1: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	-106.4739	157.1502	-148.9167
Beam 43: End 1: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	-109.5763	274.7169	-103.8289
Beam 43: End 1: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	-31.6273	217.2305	-116.4725
Beam 43: End 1: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	-100.7603	137.3699	-138.2877
Beam 43: End 1: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	-100.8633	255.7563	-95.6947
Beam 43: End 1: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	-117.3012	255.0363	-123.8423
Beam 43: End 1: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	-107.7311	231.2667	-113.8226
Beam 43: End 1: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	-43.8248	82.0069	-76.8313
Beam 43: End 1: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	-104.2692	221.1894	-113.1576

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Beam 43: End 2: 18: SISMA_H	0.0000	0.0000	-53.9200	-102.0052	-36.0820	0.0000	
Beam 43: End 2: 19: SISMA_V	0.0000	0.0000	-14.9510	-0.2066	-0.0034	0.0000	
Beam 43: End 2: 20: SPSSX	0.0000	0.0000	-16.9371	-63.8839	-107.2544	0.0000	
Beam 43: End 2: 21: SPSDX	0.0000	0.0000	40.5723	81.9035	-33.4044	0.0000	
Beam 43: End 2: 22: SLU01 [Combination 1]	0.0000	0.0000	-438.7720	-231.4655	-176.0219	0.0000	
Beam 43: End 2: 23: SLU02 [Combination 2]	0.0000	0.0000	-404.1489	-32.5515	-68.4351	0.0000	
Beam 43: End 2: 24: SLU03 [Combination 3]	0.0000	0.0000	-422.6449	-179.0987	-92.9780	0.0000	
Beam 43: End 2: 25: SLU04 [Combination 4]	0.0000	0.0000	-441.1216	-246.4394	-207.5829	0.0000	
Beam 43: End 2: 26: SLU05 [Combination 5]	0.0000	0.0000	-429.2974	-221.7642	-217.0592	0.0000	
Beam 43: End 2: 27: SLU06 [Combination 6]	0.0000	0.0000	-177.9369	-125.4665	-187.7270	0.0000	
Beam 43: End 2: 28: SLU07 [Combination 7]	0.0000	0.0000	-431.3765	-171.9767	-195.9416	0.0000	
Beam 43: End 2: 29: SLU08 [Combination 8]	0.0000	0.0000	-132.9457	-120.2369	-192.7483	0.0000	
Beam 43: End 2: 30: SLU09 [Combination 9]	0.0000	0.0000	-388.3728	-153.2167	-178.3475	0.0000	
Beam 43: End 2: 31: SLU10 [Combination 10]	0.0000	0.0000	-307.0008	150.6717	-76.2054	0.0000	
Beam 43: End 2: 32: SLU11 [Combination 11]	0.0000	0.0000	-344.2261	97.1109	-109.6605	0.0000	
Beam 43: End 2: 33: SLU12 [Combination 12]	0.0000	0.0000	-376.7097	-151.0982	-148.4647	0.0000	
Beam 43: End 2: 34: SLU13 [Combination 13]	0.0000	0.0000	-400.0349	-218.9363	-160.4306	0.0000	
Beam 43: End 2: 35: SLU14 [Combination 14]	0.0000	0.0000	-368.0230	-28.6841	-67.3646	0.0000	
Beam 43: End 2: 36: SLU15 [Combination 15]	0.0000	0.0000	-386.5190	-175.2313	-91.9075	0.0000	
Beam 43: End 2: 37: SLU16 [Combination 16]	0.0000	0.0000	-402.3845	-233.9102	-191.9916	0.0000	
Beam 43: End 2: 38: SLU17 [Combination 17]	0.0000	0.0000	-390.5603	-209.2350	-201.4680	0.0000	
Beam 43: End 2: 39: SLU18 [Combination 18]	0.0000	0.0000	-175.3257	-116.8048	-173.2062	0.0000	
Beam 43: End 2: 40: SLU19 [Combination 19]	0.0000	0.0000	-392.6394	-159.4475	-180.3504	0.0000	
Beam 43: End 2: 41: SLU20 [Combination 20]	0.0000	0.0000	-130.3345	-111.5751	-178.2276	0.0000	
Beam 43: End 2: 42: SLU21 [Combination 21]	0.0000	0.0000	-351.5514	-144.0822	-163.8190	0.0000	
Beam 43: End 2: 43: SLU22 [Combination 22]	0.0000	0.0000	-278.2270	140.3080	-71.6758	0.0000	
Beam 43: End 2: 44: SLU23 [Combination 23]	0.0000	0.0000	-307.9268	104.5130	-98.0361	0.0000	
Beam 43: End 2: 45: SLU24 [Combination 24]	0.0000	0.0000	-340.4105	-143.6960	-136.8403	0.0000	
Beam 43: End 2: 46: SLU25 [Combination 25]	0.0000	0.0000	-413.9283	-198.2498	-192.4971	0.0000	
Beam 43: End 2: 47: SLU26 [Combination 26]	0.0000	0.0000	-377.1069	-189.1153	-177.9685	0.0000	

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Beam 43: End 2: 48: SLU_SISMA01 [Combination 27] 0.0000	0.0000	0.0000	-156.5178	7.8145	-145.8745
Beam 43: End 2: 49: SLU_SISMA02 [Combination 28] 0.0000	0.0000	0.0000	-147.5472	7.9384	-145.8725
Beam 43: End 2: 50: SLU_SISMA03 [Combination 29] 0.0000	0.0000	0.0000	-106.1872	66.0374	-147.5606
Beam 43: End 2: 51: SLU_SISMA04 [Combination 30] 0.0000	0.0000	0.0000	-97.2166	66.1614	-147.5585
Beam 43: End 2: 52: SLU_SISMA05 [Combination 31] 0.0000	0.0000	0.0000	-157.6400	21.7410	-97.2364
Beam 43: End 2: 53: SLU_SISMA06 [Combination 32] 0.0000	0.0000	0.0000	-127.7381	22.1542	-97.2296
Beam 43: End 2: 54: SLU_SISMA07 [Combination 33] 0.0000	0.0000	0.0000	-142.5409	39.2079	-97.7423
Beam 43: End 2: 55: SLU_SISMA08 [Combination 34] 0.0000	0.0000	0.0000	-112.6389	39.6211	-97.7355
Beam 43: End 2: 56: SLU_SISMA09 [Combination 35] 0.0000	0.0000	0.0000	-151.1747	9.5426	-143.7240
Beam 43: End 2: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	-142.2041	9.6666	-143.7220
Beam 43: End 2: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	-100.8441	67.7656	-145.4101
Beam 43: End 2: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	-91.8735	67.8896	-145.4080
Beam 43: End 2: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	-152.2970	23.4692	-95.0859
Beam 43: End 2: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	-122.3951	23.8824	-95.0791
Beam 43: End 2: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	-137.1978	40.9361	-95.5917
Beam 43: End 2: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	-107.2959	41.3493	-95.5849

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Beam 43: End 2: 64: SLE_RARA01 [Combination 43]	0.0000	0.0000	-180.3005	51.7671	-113.9714
0.0000					
Beam 43: End 2: 65: SLE_RARA02 [Combination 44]	0.0000	0.0000	-251.5473	-150.7481	-161.8099
0.0000					
Beam 43: End 2: 66: SLE_RARA03 [Combination 45]	0.0000	0.0000	-254.6497	-38.5175	-116.7220
0.0000					
Beam 43: End 2: 67: SLE_RARA04 [Combination 46]	0.0000	0.0000	-164.0415	48.9552	-104.0472
0.0000					
Beam 43: End 2: 68: SLE_RARA05 [Combination 47]	0.0000	0.0000	-233.1745	-149.8142	-150.7130
0.0000					
Beam 43: End 2: 69: SLE_RARA06 [Combination 48]	0.0000	0.0000	-233.2775	-31.6048	-108.1200
0.0000					
Beam 43: End 2: 70: SLE_RARA07 [Combination 49]	0.0000	0.0000	-280.7442	-87.2828	-131.6571
0.0000					
Beam 43: End 2: 71: SLE_RARA08 [Combination 50]	0.0000	0.0000	-255.3501	-80.9832	-121.6374
0.0000					
Beam 43: End 2: 72: SLE_QPERM01 [Combination 51]	0.0000	0.0000	-115.4198	-54.9435	-76.8313
0.0000					
Beam 43: End 2: 73: SLE_FREQ01 [Combination 52]	0.0000	0.0000	-249.3426	-82.9167	-119.6434
0.0000					
Beam 43: End 2: 74: SLE_FREQ02 [Combination 53]	0.0000	0.0000	-229.0273	-77.8770	-111.6276
0.0000					
Beam 43: End 2: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	441.1216	246.4394	217.0592
0.0000					
Beam 43: End 2: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	441.1216	246.4394	217.0592
0.0000					
Beam 43: End 2: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	157.6400	67.8896	147.5606
0.0000					
Beam 43: End 2: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	280.7442	150.7481	161.8099
0.0000					
Beam 43: End 2: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	249.3426	82.9167	119.6434
0.0000					

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Beam 43: End 2: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	115.4198	54.9435	76.8313	
0.0000						
Beam 44: End 1: 1: PP	0.0000	0.0000	-96.1972	-76.1723	38.0766	0.0000
Beam 44: End 1: 2: PERM	0.0000	0.0000	-46.2928	-6.4891	2.3418	0.0000
Beam 44: End 1: 3: SPTSX	0.0000	0.0000	-9.4298	-48.6320	-86.4252	0.0000
Beam 44: End 1: 4: SPTDX	0.0000	0.0000	33.7834	70.5006	-27.0753	0.0000
Beam 44: End 1: 5: SPTW	0.0000	0.0000	2.7165	5.8494	-3.7490	0.0000
Beam 44: End 1: 6: ACC_LM71	0.0000	0.0000	-136.9437	-1.8924	-0.0311	0.0000
Beam 44: End 1: 7: ACC_SW2	0.0000	0.0000	-113.3504	-1.5664	-0.0258	0.0000
Beam 44: End 1: 8: SPACCSX_LM71	0.0000	0.0000	-10.4664	-34.7031	-58.1766	0.0000
Beam 44: End 1: 9: SPACCDX_LM71	0.0000	0.0000	21.7800	43.4118	-18.1165	0.0000
Beam 44: End 1: 10: SPACCSX_SW2	0.0000	0.0000	-8.6656	-28.7294	-48.1623	0.0000
Beam 44: End 1: 11: SPACCDX_SW2	0.0000	0.0000	18.0307	35.9384	-14.9980	0.0000
Beam 44: End 1: 12: AVV_LM71	0.0000	0.0000	-36.4083	-64.5197	-20.1980	0.0000
Beam 44: End 1: 13: FREN_SW2	0.0000	0.0000	-35.0872	-62.1786	-19.4651	0.0000
Beam 44: End 1: 14: SERP	0.0000	0.0000	-0.1107	-0.1962	-0.0614	0.0000
Beam 44: End 1: 15: TERM	0.0000	0.0000	-10.8279	-82.7364	-12.9347	0.0000
Beam 44: End 1: 16: RITIRO	0.0000	0.0000	8.0848	61.7765	9.6579	0.0000
Beam 44: End 1: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Beam 44: End 1: 18: SISMA_H	0.0000	0.0000	-53.9200	-102.0052	-36.0820	0.0000
Beam 44: End 1: 19: SISMA_V	0.0000	0.0000	-14.9510	-0.2066	-0.0034	0.0000
Beam 44: End 1: 20: SPSSX	0.0000	0.0000	-16.9371	-63.8839	-107.2544	0.0000
Beam 44: End 1: 21: SPSPDX	0.0000	0.0000	40.5723	81.9035	-33.4044	0.0000
Beam 44: End 1: 22: SLU01 [Combination 1]	0.0000	0.0000	-438.7720	-231.4655	-176.0219	0.0000
Beam 44: End 1: 23: SLU02 [Combination 2]	0.0000	0.0000	-404.1489	-32.5515	-68.4351	0.0000
Beam 44: End 1: 24: SLU03 [Combination 3]	0.0000	0.0000	-422.6449	-179.0987	-92.9780	0.0000
Beam 44: End 1: 25: SLU04 [Combination 4]	0.0000	0.0000	-441.1216	-246.4394	-207.5829	0.0000
Beam 44: End 1: 26: SLU05 [Combination 5]	0.0000	0.0000	-429.2974	-221.7642	-217.0592	0.0000
Beam 44: End 1: 27: SLU06 [Combination 6]	0.0000	0.0000	-177.9369	-125.4665	-187.7270	0.0000
Beam 44: End 1: 28: SLU07 [Combination 7]	0.0000	0.0000	-431.3765	-171.9767	-195.9416	0.0000

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Beam 44: End 1: 29: SLU08 [Combination 8]	0.0000	0.0000	-132.9457	-120.2369	-192.7483	0.0000
Beam 44: End 1: 30: SLU09 [Combination 9]	0.0000	0.0000	-388.3728	-153.2167	-178.3475	0.0000
Beam 44: End 1: 31: SLU10 [Combination 10]	0.0000	0.0000	-307.0008	150.6717	-76.2054	0.0000
Beam 44: End 1: 32: SLU11 [Combination 11]	0.0000	0.0000	-344.2261	97.1109	-109.6605	0.0000
Beam 44: End 1: 33: SLU12 [Combination 12]	0.0000	0.0000	-376.7097	-151.0982	-148.4647	0.0000
Beam 44: End 1: 34: SLU13 [Combination 13]	0.0000	0.0000	-400.0349	-218.9363	-160.4306	0.0000
Beam 44: End 1: 35: SLU14 [Combination 14]	0.0000	0.0000	-368.0230	-28.6841	-67.3646	0.0000
Beam 44: End 1: 36: SLU15 [Combination 15]	0.0000	0.0000	-386.5190	-175.2313	-91.9075	0.0000
Beam 44: End 1: 37: SLU16 [Combination 16]	0.0000	0.0000	-402.3845	-233.9102	-191.9916	0.0000
Beam 44: End 1: 38: SLU17 [Combination 17]	0.0000	0.0000	-390.5603	-209.2350	-201.4680	0.0000
Beam 44: End 1: 39: SLU18 [Combination 18]	0.0000	0.0000	-175.3257	-116.8048	-173.2062	0.0000
Beam 44: End 1: 40: SLU19 [Combination 19]	0.0000	0.0000	-392.6394	-159.4475	-180.3504	0.0000
Beam 44: End 1: 41: SLU20 [Combination 20]	0.0000	0.0000	-130.3345	-111.5751	-178.2276	0.0000
Beam 44: End 1: 42: SLU21 [Combination 21]	0.0000	0.0000	-351.5514	-144.0822	-163.8190	0.0000
Beam 44: End 1: 43: SLU22 [Combination 22]	0.0000	0.0000	-278.2270	140.3080	-71.6758	0.0000
Beam 44: End 1: 44: SLU23 [Combination 23]	0.0000	0.0000	-307.9268	104.5130	-98.0361	0.0000
Beam 44: End 1: 45: SLU24 [Combination 24]	0.0000	0.0000	-340.4105	-143.6960	-136.8403	0.0000
Beam 44: End 1: 46: SLU25 [Combination 25]	0.0000	0.0000	-413.9283	-198.2498	-192.4971	0.0000
Beam 44: End 1: 47: SLU26 [Combination 26]	0.0000	0.0000	-377.1069	-189.1153	-177.9685	0.0000
Beam 44: End 1: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	-156.5178	7.8145	-145.8745	0.0000
Beam 44: End 1: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	-147.5472	7.9384	-145.8725	0.0000
Beam 44: End 1: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	-106.1872	66.0374	-147.5606	0.0000
Beam 44: End 1: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	-97.2166	66.1614	-147.5585	0.0000
Beam 44: End 1: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	-157.6400	21.7410	-97.2364	0.0000
Beam 44: End 1: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	-127.7381	22.1542	-97.2296	0.0000

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Beam 44: End 1: 54: SLU_SISMA07 [Combination 33] 0.0000	0.0000	0.0000	-142.5409	39.2079	-97.7423
Beam 44: End 1: 55: SLU_SISMA08 [Combination 34] 0.0000	0.0000	0.0000	-112.6389	39.6211	-97.7355
Beam 44: End 1: 56: SLU_SISMA09 [Combination 35] 0.0000	0.0000	0.0000	-151.1747	9.5426	-143.7240
Beam 44: End 1: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	-142.2041	9.6666	-143.7220
Beam 44: End 1: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	-100.8441	67.7656	-145.4101
Beam 44: End 1: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	-91.8735	67.8896	-145.4080
Beam 44: End 1: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	-152.2970	23.4692	-95.0859
Beam 44: End 1: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	-122.3951	23.8824	-95.0791
Beam 44: End 1: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	-137.1978	40.9361	-95.5917
Beam 44: End 1: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	-107.2959	41.3493	-95.5849
Beam 44: End 1: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	-180.3005	51.7671	-113.9714
Beam 44: End 1: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	-251.5473	-150.7481	-161.8099
Beam 44: End 1: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	-254.6497	-38.5175	-116.7220
Beam 44: End 1: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	-164.0415	48.9552	-104.0472
Beam 44: End 1: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	-233.1745	-149.8142	-150.7130
Beam 44: End 1: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	-233.2775	-31.6048	-108.1200

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Beam 44: End 1: 70: SLE_RARA07 [Combination 49]	0.0000	0.0000	-280.7442	-87.2828	-131.6571	
0.0000						
Beam 44: End 1: 71: SLE_RARA08 [Combination 50]	0.0000	0.0000	-255.3501	-80.9832	-121.6374	
0.0000						
Beam 44: End 1: 72: SLE_QPERM01 [Combination 51]	0.0000	0.0000	-115.4198	-54.9435	-76.8313	
0.0000						
Beam 44: End 1: 73: SLE_FREQ01 [Combination 52]	0.0000	0.0000	-249.3426	-82.9167	-119.6434	
0.0000						
Beam 44: End 1: 74: SLE_FREQ02 [Combination 53]	0.0000	0.0000	-229.0273	-77.8770	-111.6276	
0.0000						
Beam 44: End 1: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	441.1216	246.4394	217.0592	
0.0000						
Beam 44: End 1: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	441.1216	246.4394	217.0592	
0.0000						
Beam 44: End 1: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	157.6400	67.8896	147.5606	
0.0000						
Beam 44: End 1: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	280.7442	150.7481	161.8099	
0.0000						
Beam 44: End 1: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	249.3426	82.9167	119.6434	
0.0000						
Beam 44: End 1: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	115.4198	54.9435	76.8313	
0.0000						
Beam 44: End 2: 1: PP	0.0000	0.0000	-138.6255	-279.2940	38.0766	0.0000
Beam 44: End 2: 2: PERM	0.0000	0.0000	-75.8758	-112.1650	2.3418	0.0000
Beam 44: End 2: 3: SPTSX	0.0000	0.0000	-9.4298	-64.9455	-86.4252	0.0000
Beam 44: End 2: 4: SPTDX	0.0000	0.0000	33.7834	128.9460	-27.0753	0.0000
Beam 44: End 2: 5: SPTW	0.0000	0.0000	2.7165	10.5490	-3.7490	0.0000
Beam 44: End 2: 6: ACC_LM71	0.0000	0.0000	-229.3257	-318.7155	-0.0311	0.0000
Beam 44: End 2: 7: ACC_SW2	0.0000	0.0000	-189.8164	-263.8057	-0.0258	0.0000
Beam 44: End 2: 8: SPACCSX_LM71	0.0000	0.0000	-10.4664	-52.8099	-58.1766	0.0000
Beam 44: End 2: 9: SPACCDX_LM71	0.0000	0.0000	21.7800	81.0911	-18.1165	0.0000
Beam 44: End 2: 10: SPACCSX_SW2	0.0000	0.0000	-8.6656	-43.7209	-48.1623	0.0000

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Beam 44: End 2: 11: SPACCDX_SW2	0.0000	0.0000	18.0307	67.1315	-14.9980	0.0000
Beam 44: End 2: 12: AVV_LM71	0.0000	0.0000	-36.4083	-127.5062	-36.4081	0.0000
Beam 44: End 2: 13: FREN_SW2	0.0000	0.0000	-35.0872	-122.8795	-35.0870	0.0000
Beam 44: End 2: 14: SERP	0.0000	0.0000	-0.1107	-0.3878	-0.1107	0.0000
Beam 44: End 2: 15: TERM	0.0000	0.0000	-10.8279	-101.4686	-12.9347	0.0000
Beam 44: End 2: 16: RITIRO	0.0000	0.0000	8.0848	75.7632	9.6579	0.0000
Beam 44: End 2: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Beam 44: End 2: 18: SISMA_H	0.0000	0.0000	-53.9200	-195.2869	-56.3230	0.0000
Beam 44: End 2: 19: SISMA_V	0.0000	0.0000	-25.0369	-34.7961	-0.0034	0.0000
Beam 44: End 2: 20: SPSSX	0.0000	0.0000	-16.9371	-93.1852	-107.2544	0.0000
Beam 44: End 2: 21: SPSDX	0.0000	0.0000	40.5723	152.0937	-33.4044	0.0000
Beam 44: End 2: 22: SLU01 [Combination 1]	0.0000	0.0000	-674.3785	-1194.3407	-199.5265	0.0000
Beam 44: End 2: 23: SLU02 [Combination 2]	0.0000	0.0000	-639.7554	-935.5287	-91.9397	0.0000
Beam 44: End 2: 24: SLU03 [Combination 3]	0.0000	0.0000	-658.2515	-1114.0741	-116.4826	0.0000
Beam 44: End 2: 25: SLU04 [Combination 4]	0.0000	0.0000	-676.7282	-1213.3795	-231.0875	0.0000
Beam 44: End 2: 26: SLU05 [Combination 5]	0.0000	0.0000	-664.9040	-1168.2484	-240.5639	0.0000
Beam 44: End 2: 27: SLU06 [Combination 6]	0.0000	0.0000	-279.5896	-521.2270	-187.7270	0.0000
Beam 44: End 2: 28: SLU07 [Combination 7]	0.0000	0.0000	-666.9831	-1122.0578	-219.4463	0.0000
Beam 44: End 2: 29: SLU08 [Combination 8]	0.0000	0.0000	-204.9570	-412.5227	-192.7483	0.0000
Beam 44: End 2: 30: SLU09 [Combination 9]	0.0000	0.0000	-623.9794	-1028.9014	-178.3475	0.0000
Beam 44: End 2: 31: SLU10 [Combination 10]	0.0000	0.0000	-542.6074	-584.2394	-76.2054	0.0000
Beam 44: End 2: 32: SLU11 [Combination 11]	0.0000	0.0000	-579.8326	-702.1999	-109.6605	0.0000
Beam 44: End 2: 33: SLU12 [Combination 12]	0.0000	0.0000	-612.3162	-1006.6057	-148.4647	0.0000
Beam 44: End 2: 34: SLU13 [Combination 13]	0.0000	0.0000	-612.5632	-1094.8337	-183.0824	0.0000
Beam 44: End 2: 35: SLU14 [Combination 14]	0.0000	0.0000	-580.5513	-849.2008	-90.0163	0.0000
Beam 44: End 2: 36: SLU15 [Combination 15]	0.0000	0.0000	-599.0474	-1027.7462	-114.5592	0.0000
Beam 44: End 2: 37: SLU16 [Combination 16]	0.0000	0.0000	-614.9129	-1113.8725	-214.6434	0.0000
Beam 44: End 2: 38: SLU17 [Combination 17]	0.0000	0.0000	-603.0887	-1068.7414	-224.1198	0.0000
Beam 44: End 2: 39: SLU18 [Combination 18]	0.0000	0.0000	-276.9784	-508.0479	-173.2062	0.0000
Beam 44: End 2: 40: SLU19 [Combination 19]	0.0000	0.0000	-605.1678	-1022.5507	-203.0021	0.0000

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Beam 44: End 2: 41: SLU20 [Combination 20]	0.0000	0.0000	-202.3458	-399.3436	-178.2276	0.0000
Beam 44: End 2: 42: SLU21 [Combination 21]	0.0000	0.0000	-564.0797	-936.1031	-163.8190	0.0000
Beam 44: End 2: 43: SLU22 [Combination 22]	0.0000	0.0000	-490.7553	-524.8617	-71.6758	0.0000
Beam 44: End 2: 44: SLU23 [Combination 23]	0.0000	0.0000	-520.4552	-612.0374	-98.0361	0.0000
Beam 44: End 2: 45: SLU24 [Combination 24]	0.0000	0.0000	-552.9388	-916.4432	-136.8403	0.0000
Beam 44: End 2: 46: SLU25 [Combination 25]	0.0000	0.0000	-649.5349	-1118.1455	-203.8944	0.0000
Beam 44: End 2: 47: SLU26 [Combination 26]	0.0000	0.0000	-589.6352	-1025.3472	-189.3659	0.0000
Beam 44: End 2: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	-250.0312	-343.8504	-169.3576	0.0000
Beam 44: End 2: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	-235.0091	-322.9727	-169.3555	0.0000
Beam 44: End 2: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	-199.7006	-198.5555	-130.5616	0.0000
Beam 44: End 2: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	-184.6785	-177.6778	-130.5595	0.0000
Beam 44: End 2: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	-258.2136	-337.9724	-106.5508	0.0000
Beam 44: End 2: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	-208.1399	-268.3802	-106.5440	0.0000
Beam 44: End 2: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	-243.1144	-294.3839	-94.9120	0.0000
Beam 44: End 2: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	-193.0407	-224.7917	-94.9052	0.0000
Beam 44: End 2: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	-241.5049	-330.1253	-167.0894	0.0000
Beam 44: End 2: 57: SLU_SISMA10 [Combination 36]	0.0000	0.0000	-226.4828	-309.2476	-167.0874	0.0000
Beam 44: End 2: 58: SLU_SISMA11 [Combination 37]	0.0000	0.0000	-191.1743	-184.8304	-128.2934	0.0000
Beam 44: End 2: 59: SLU_SISMA12 [Combination 38]	0.0000	0.0000	-176.1522	-163.9527	-128.2914	0.0000

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Beam 44: End 2: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	-249.6874	-324.2473	-104.2826
Beam 44: End 2: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	-199.6136	-254.6551	-104.2758
Beam 44: End 2: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	-234.5882	-280.6588	-92.6438
Beam 44: End 2: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	-184.5144	-211.0666	-92.6370
Beam 44: End 2: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	-326.2174	-386.3709	-101.0033
Beam 44: End 2: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	-397.4642	-712.1430	-174.7779
Beam 44: End 2: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	-400.5666	-605.2796	-129.6901
Beam 44: End 2: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	-297.2256	-350.0409	-91.5497
Beam 44: End 2: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	-366.3586	-668.4103	-163.2105
Beam 44: End 2: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	-366.4616	-550.3792	-120.6175
Beam 44: End 2: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	-445.1375	-715.1705	-139.5173
Beam 44: End 2: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	-403.8274	-651.1717	-129.4977
Beam 44: End 2: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	-187.4311	-316.9095	-76.8313
Beam 44: End 2: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	-395.2594	-640.4975	-126.1669
Beam 44: End 2: 74: SLE_FREQ02 [Combination 53] 0.0000	0.0000	0.0000	-362.2113	-589.2984	-118.1511
Beam 44: End 2: 75: SLU/SLV [Absolute Envelope 1] 0.0000	0.0000	0.0000	676.7282	1213.3795	240.5639

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Beam 44: End 2: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	676.7282	1213.3795	240.5639		
0.0000							
Beam 44: End 2: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	258.2136	343.8504	169.3576		
0.0000							
Beam 44: End 2: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	445.1375	715.1705	174.7779		
0.0000							
Beam 44: End 2: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	395.2594	640.4975	126.1669		
0.0000							
Beam 44: End 2: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	187.4311	316.9095	76.8313		
0.0000							
Beam 45: End 1: 1: PP	0.0000	0.0000	138.6255	-279.2940	38.0766	0.0000	
Beam 45: End 1: 2: PERM	0.0000	0.0000	75.8758	-112.1650	2.3418	0.0000	
Beam 45: End 1: 3: SPTSX	0.0000	0.0000	-33.7834	128.9460	-27.0753	0.0000	
Beam 45: End 1: 4: SPTDX	0.0000	0.0000	9.4298	-64.9455	-86.4252	0.0000	
Beam 45: End 1: 5: SPTW	0.0000	0.0000	-3.0756	12.4777	-3.1266	0.0000	
Beam 45: End 1: 6: ACC_LM71	0.0000	0.0000	229.3257	-318.7155	-0.0311	0.0000	
Beam 45: End 1: 7: ACC_SW2	0.0000	0.0000	189.8164	-263.8057	-0.0258	0.0000	
Beam 45: End 1: 8: SPACCSX_LM71	0.0000	0.0000	-21.7800	81.0911	-18.1165	0.0000	
Beam 45: End 1: 9: SPACCDX_LM71	0.0000	0.0000	10.4664	-52.8099	-58.1766	0.0000	
Beam 45: End 1: 10: SPACCSX_SW2	0.0000	0.0000	-18.0307	67.1315	-14.9980	0.0000	
Beam 45: End 1: 11: SPACCDX_SW2	0.0000	0.0000	8.6656	-43.7209	-48.1623	0.0000	
Beam 45: End 1: 12: AVV_LM71	0.0000	0.0000	-36.4083	127.5062	36.4081	0.0000	
Beam 45: End 1: 13: FREN_SW2	0.0000	0.0000	-35.0872	122.8795	35.0870	0.0000	
Beam 45: End 1: 14: SERP	0.0000	0.0000	-0.1107	0.3878	0.1107	0.0000	
Beam 45: End 1: 15: TERM	0.0000	0.0000	10.8279	-101.4686	-12.9347	0.0000	
Beam 45: End 1: 16: RITIRO	0.0000	0.0000	-8.0848	75.7632	9.6579	0.0000	
Beam 45: End 1: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Beam 45: End 1: 18: SISMA_H	0.0000	0.0000	-53.9200	195.2869	56.3230	0.0000	
Beam 45: End 1: 19: SISMA_V	0.0000	0.0000	25.0369	-34.7961	-0.0034	0.0000	
Beam 45: End 1: 20: SPSSX	0.0000	0.0000	-40.5723	152.0937	-33.4044	0.0000	
Beam 45: End 1: 21: SPSDX	0.0000	0.0000	16.9371	-93.1852	-107.2544	0.0000	

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Beam 45: End 1: 22: SLU01 [Combination 1]	0.0000	0.0000	521.6780	-628.4876	-35.2335	0.0000
Beam 45: End 1: 23: SLU02 [Combination 2]	0.0000	0.0000	533.8122	-563.8322	14.2662	0.0000
Beam 45: End 1: 24: SLU03 [Combination 3]	0.0000	0.0000	552.1825	-741.7026	-10.0589	0.0000
Beam 45: End 1: 25: SLU04 [Combination 4]	0.0000	0.0000	508.7774	-578.9893	-45.8041	0.0000
Beam 45: End 1: 26: SLU05 [Combination 5]	0.0000	0.0000	512.0778	-601.7203	-76.0530	0.0000
Beam 45: End 1: 27: SLU06 [Combination 6]	0.0000	0.0000	232.3476	-324.4667	-128.7995	0.0000
Beam 45: End 1: 28: SLU07 [Combination 7]	0.0000	0.0000	499.0323	-487.6676	-34.1629	0.0000
Beam 45: End 1: 29: SLU08 [Combination 8]	0.0000	0.0000	142.5903	-147.9004	-113.0484	0.0000
Beam 45: End 1: 30: SLU09 [Combination 9]	0.0000	0.0000	561.6128	-764.2791	-98.6476	0.0000
Beam 45: End 1: 31: SLU10 [Combination 10]	0.0000	0.0000	604.0045	-843.6543	-154.2248	0.0000
Beam 45: End 1: 32: SLU11 [Combination 11]	0.0000	0.0000	557.0667	-612.1330	-83.1230	0.0000
Beam 45: End 1: 33: SLU12 [Combination 12]	0.0000	0.0000	589.5503	-916.5387	-121.9271	0.0000
Beam 45: End 1: 34: SLU13 [Combination 13]	0.0000	0.0000	471.7416	-575.8186	-32.6194	0.0000
Beam 45: End 1: 35: SLU14 [Combination 14]	0.0000	0.0000	478.4393	-490.9217	12.3584	0.0000
Beam 45: End 1: 36: SLU15 [Combination 15]	0.0000	0.0000	496.8097	-668.7921	-11.9667	0.0000
Beam 45: End 1: 37: SLU16 [Combination 16]	0.0000	0.0000	458.8409	-526.3203	-43.1901	0.0000
Beam 45: End 1: 38: SLU17 [Combination 17]	0.0000	0.0000	462.1414	-549.0513	-73.4390	0.0000
Beam 45: End 1: 39: SLU18 [Combination 18]	0.0000	0.0000	237.7840	-344.7082	-124.2777	0.0000
Beam 45: End 1: 40: SLU19 [Combination 19]	0.0000	0.0000	449.0959	-434.9986	-31.5489	0.0000
Beam 45: End 1: 41: SLU20 [Combination 20]	0.0000	0.0000	148.0268	-168.1419	-108.5266	0.0000
Beam 45: End 1: 42: SLU21 [Combination 21]	0.0000	0.0000	509.7607	-704.9014	-94.1180	0.0000
Beam 45: End 1: 43: SLU22 [Combination 22]	0.0000	0.0000	544.1048	-750.8559	-139.6962	0.0000
Beam 45: End 1: 44: SLU23 [Combination 23]	0.0000	0.0000	504.1274	-548.7070	-79.4977	0.0000
Beam 45: End 1: 45: SLU24 [Combination 24]	0.0000	0.0000	536.6110	-853.1127	-118.3019	0.0000
Beam 45: End 1: 46: SLU25 [Combination 25]	0.0000	0.0000	535.9706	-674.2233	-72.9972	0.0000
Beam 45: End 1: 47: SLU26 [Combination 26]	0.0000	0.0000	484.1186	-614.8456	-68.4676	0.0000
Beam 45: End 1: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	178.3289	-118.8441	-107.3639	0.0000
Beam 45: End 1: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	163.3068	-97.9665	-107.3619	0.0000

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Beam 45: End 1: 50: SLU_SISMA03 [Combination 29] 0.0000	0.0000	0.0000	228.6595	-264.1390	-146.1599
Beam 45: End 1: 51: SLU_SISMA04 [Combination 30] 0.0000	0.0000	0.0000	213.6374	-243.2614	-146.1578
Beam 45: End 1: 52: SLU_SISMA05 [Combination 31] 0.0000	0.0000	0.0000	221.7427	-214.6726	-71.7143
Beam 45: End 1: 53: SLU_SISMA06 [Combination 32] 0.0000	0.0000	0.0000	171.6690	-145.0804	-71.7075
Beam 45: End 1: 54: SLU_SISMA07 [Combination 33] 0.0000	0.0000	0.0000	236.8419	-258.2610	-83.3531
Beam 45: End 1: 55: SLU_SISMA08 [Combination 34] 0.0000	0.0000	0.0000	186.7682	-188.6688	-83.3463
Beam 45: End 1: 56: SLU_SISMA09 [Combination 35] 0.0000	0.0000	0.0000	171.4411	-111.5794	-107.0033
Beam 45: End 1: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	156.4190	-90.7018	-107.0013
Beam 45: End 1: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	221.7717	-256.8743	-145.7993
Beam 45: End 1: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	206.7496	-235.9967	-145.7973
Beam 45: End 1: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	214.8549	-207.4079	-71.3537
Beam 45: End 1: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	164.7812	-137.8157	-71.3469
Beam 45: End 1: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	229.9541	-250.9963	-82.9925
Beam 45: End 1: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	179.8804	-181.4042	-82.9857
Beam 45: End 1: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	384.1116	-588.4521	-158.6338
Beam 45: End 1: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	338.8517	-506.2045	-115.9026

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Beam 45: End 1: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	307.5144	-253.4419	-26.8967	
Beam 45: End 1: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	353.0061	-544.7193	-147.0664	
Beam 45: End 1: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	309.8600	-469.8745	-106.4489	
Beam 45: End 1: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	279.9633	-224.3832	-25.4544	
Beam 45: End 1: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	368.5807	-416.9074	-51.6563	
Beam 45: End 1: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	332.8207	-375.9572	-48.5325	
Beam 45: End 1: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	187.0720	-314.9808	-76.2088	
Beam 45: End 1: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	331.1568	-390.0442	-52.3227	
Beam 45: End 1: 74: SLE_FREQ02 [Combination 53] 0.0000	0.0000	0.0000	302.5487	-357.2841	-49.8236	
Beam 45: End 1: 75: SLU/SLV [Absolute Envelope 1] 0.0000	0.0000	0.0000	604.0045	916.5387	154.2248	
Beam 45: End 1: 76: SLU [Absolute Envelope 2] 0.0000	0.0000	0.0000	604.0045	916.5387	154.2248	
Beam 45: End 1: 77: SLV [Absolute Envelope 3] 0.0000	0.0000	0.0000	236.8419	264.1390	146.1599	
Beam 45: End 1: 78: SLE R [Absolute Envelope 4] 0.0000	0.0000	0.0000	384.1116	588.4521	158.6338	
Beam 45: End 1: 79: SLE F [Absolute Envelope 5] 0.0000	0.0000	0.0000	331.1568	390.0442	52.3227	
Beam 45: End 1: 80: SLE QP [Absolute Envelope 6] 0.0000	0.0000	0.0000	187.0720	314.9808	76.2088	
Beam 45: End 2: 1: PP	0.0000	0.0000	96.1972	-76.1723	38.0766	0.0000
Beam 45: End 2: 2: PERM	0.0000	0.0000	46.2928	-6.4891	2.3418	0.0000

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Beam 45: End 2: 3: SPTSX	0.0000	0.0000	-33.7834	70.5006	-27.0753	0.0000	
Beam 45: End 2: 4: SPTDX	0.0000	0.0000	9.4298	-48.6320	-86.4252	0.0000	
Beam 45: End 2: 5: SPTW	0.0000	0.0000	-3.0756	7.1568	-3.1266	0.0000	
Beam 45: End 2: 6: ACC_LM71	0.0000	0.0000	136.9437	-1.8924	-0.0311	0.0000	
Beam 45: End 2: 7: ACC_SW2	0.0000	0.0000	113.3504	-1.5664	-0.0258	0.0000	
Beam 45: End 2: 8: SPACCSX_LM71	0.0000	0.0000	-21.7800	43.4118	-18.1165	0.0000	
Beam 45: End 2: 9: SPACCDX_LM71	0.0000	0.0000	10.4664	-34.7031	-58.1766	0.0000	
Beam 45: End 2: 10: SPACCSX_SW2	0.0000	0.0000	-18.0307	35.9384	-14.9980	0.0000	
Beam 45: End 2: 11: SPACCDX_SW2	0.0000	0.0000	8.6656	-28.7294	-48.1623	0.0000	
Beam 45: End 2: 12: AVV_LM71	0.0000	0.0000	-36.4083	64.5197	20.1980	0.0000	
Beam 45: End 2: 13: FREN_SW2	0.0000	0.0000	-35.0872	62.1786	19.4651	0.0000	
Beam 45: End 2: 14: SERP	0.0000	0.0000	-0.1107	0.1962	0.0614	0.0000	
Beam 45: End 2: 15: TERM	0.0000	0.0000	10.8279	-82.7364	-12.9347	0.0000	
Beam 45: End 2: 16: RITIRO	0.0000	0.0000	-8.0848	61.7765	9.6579	0.0000	
Beam 45: End 2: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Beam 45: End 2: 18: SISMA_H	0.0000	0.0000	-53.9200	102.0052	36.0820	0.0000	
Beam 45: End 2: 19: SISMA_V	0.0000	0.0000	14.9510	-0.2066	-0.0034	0.0000	
Beam 45: End 2: 20: SPSSX	0.0000	0.0000	-40.5723	81.9035	-33.4044	0.0000	
Beam 45: End 2: 21: SPSDX	0.0000	0.0000	16.9371	-63.8839	-107.2544	0.0000	
Beam 45: End 2: 22: SLU01 [Combination 1]	0.0000	0.0000	286.0715	70.2158	-58.7381	0.0000	
Beam 45: End 2: 23: SLU02 [Combination 2]	0.0000	0.0000	298.2056	155.8632	-9.2385	0.0000	
Beam 45: End 2: 24: SLU03 [Combination 3]	0.0000	0.0000	316.5760	9.7736	-33.5635	0.0000	
Beam 45: End 2: 25: SLU04 [Combination 4]	0.0000	0.0000	273.1708	97.3959	-69.3088	0.0000	
Beam 45: End 2: 26: SLU05 [Combination 5]	0.0000	0.0000	276.4712	80.3747	-99.5576	0.0000	
Beam 45: End 2: 27: SLU06 [Combination 6]	0.0000	0.0000	130.6949	-10.4350	-128.7995	0.0000	
Beam 45: End 2: 28: SLU07 [Combination 7]	0.0000	0.0000	263.4257	171.8586	-57.6675	0.0000	
Beam 45: End 2: 29: SLU08 [Combination 8]	0.0000	0.0000	70.5791	36.4911	-113.0484	0.0000	
Beam 45: End 2: 30: SLU09 [Combination 9]	0.0000	0.0000	326.0062	3.5113	-98.6476	0.0000	
Beam 45: End 2: 31: SLU10 [Combination 10]	0.0000	0.0000	368.3979	-2.5262	-154.2248	0.0000	
Beam 45: End 2: 32: SLU11 [Combination 11]	0.0000	0.0000	321.4601	147.7927	-83.1230	0.0000	

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto</p> <p>IN17</p>	<p>Lotto</p> <p>12</p>	<p>Codifica</p> <p>EI2CLSL1000001</p>	<p>A</p>


Beam 45: End 2: 33: SLU12 [Combination 12]	0.0000	0.0000	353.9438	-100.4164	-121.9271	0.0000
Beam 45: End 2: 34: SLU13 [Combination 13]	0.0000	0.0000	259.2133	56.4574	-55.2712	0.0000
Beam 45: End 2: 35: SLU14 [Combination 14]	0.0000	0.0000	265.9109	152.9413	-10.2934	0.0000
Beam 45: End 2: 36: SLU15 [Combination 15]	0.0000	0.0000	284.2813	6.8517	-34.6185	0.0000
Beam 45: End 2: 37: SLU16 [Combination 16]	0.0000	0.0000	246.3126	83.6375	-65.8419	0.0000
Beam 45: End 2: 38: SLU17 [Combination 17]	0.0000	0.0000	249.6130	66.6163	-96.0907	0.0000
Beam 45: End 2: 39: SLU18 [Combination 18]	0.0000	0.0000	136.1314	-21.2714	-124.2777	0.0000
Beam 45: End 2: 40: SLU19 [Combination 19]	0.0000	0.0000	236.5675	158.1002	-54.2006	0.0000
Beam 45: End 2: 41: SLU20 [Combination 20]	0.0000	0.0000	76.0155	25.6547	-108.5266	0.0000
Beam 45: End 2: 42: SLU21 [Combination 21]	0.0000	0.0000	297.2324	-6.8524	-94.1180	0.0000
Beam 45: End 2: 43: SLU22 [Combination 22]	0.0000	0.0000	331.5764	6.6083	-139.6962	0.0000
Beam 45: End 2: 44: SLU23 [Combination 23]	0.0000	0.0000	291.5990	139.5963	-79.4977	0.0000
Beam 45: End 2: 45: SLU24 [Combination 24]	0.0000	0.0000	324.0826	-108.6128	-118.3019	0.0000
Beam 45: End 2: 46: SLU25 [Combination 25]	0.0000	0.0000	300.3641	49.2063	-84.3946	0.0000
Beam 45: End 2: 47: SLU26 [Combination 26]	0.0000	0.0000	271.5903	38.8426	-79.8650	0.0000
Beam 45: End 2: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	84.8155	108.7758	-130.8469	0.0000
Beam 45: End 2: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	75.8449	108.8997	-130.8449	0.0000
Beam 45: End 2: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	135.1461	50.5528	-129.1609	0.0000
Beam 45: End 2: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	126.1755	50.6768	-129.1589	0.0000
Beam 45: End 2: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	121.1692	81.9462	-81.0286	0.0000
Beam 45: End 2: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	91.2672	82.3595	-81.0218	0.0000
Beam 45: End 2: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	136.2684	64.4793	-80.5228	0.0000
Beam 45: End 2: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	106.3664	64.8926	-80.5160	0.0000

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto</p> <p>IN17</p>	<p>Lotto</p> <p>12</p>	<p>Codifica</p> <p>EI2CLSL1000001</p>	<p>A</p>



Beam 45: End 2: 56: SLU_SISMA09 [Combination 35] 0.0000	0.0000	0.0000	81.1109	106.8781	-130.3687
Beam 45: End 2: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	72.1403	107.0020	-130.3667
Beam 45: End 2: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	131.4415	48.6551	-128.6827
Beam 45: End 2: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	122.4709	48.7791	-128.6807
Beam 45: End 2: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	117.4646	80.0485	-80.5504
Beam 45: End 2: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	87.5627	80.4617	-80.5436
Beam 45: End 2: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	132.5638	62.5816	-80.0446
Beam 45: End 2: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	102.6618	62.9949	-80.0378
Beam 45: End 2: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	238.1948	-50.1570	-145.6658
Beam 45: End 2: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	192.9349	-46.2090	-128.8706
Beam 45: End 2: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	161.5976	152.3400	-39.8647
Beam 45: End 2: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	219.8220	-49.2231	-134.5689
Beam 45: End 2: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	176.6759	-49.0210	-118.9464
Beam 45: End 2: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	146.7792	144.7491	-37.9520
Beam 45: End 2: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	204.1874	78.5371	-59.5166
Beam 45: End 2: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	184.3434	71.3897	-56.3927

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto IN17</p>	<p>Lotto 12</p>	<p>Codifica EI2CLSL1000001</p>	<p>A</p>

Beam 45: End 2: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	115.0607	-53.6360	-76.2088		
Beam 45: End 2: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	185.2399	56.6389	-58.8462		
Beam 45: End 2: 74: SLE_FREQ02 [Combination 53] 0.0000	0.0000	0.0000	169.3647	50.9210	-56.3471		
Beam 45: End 2: 75: SLU/SLV [Absolute Envelope 1] 0.0000	0.0000	0.0000	368.3979	171.8586	154.2248		
Beam 45: End 2: 76: SLU [Absolute Envelope 2] 0.0000	0.0000	0.0000	368.3979	171.8586	154.2248		
Beam 45: End 2: 77: SLV [Absolute Envelope 3] 0.0000	0.0000	0.0000	136.2684	108.8997	130.8469		
Beam 45: End 2: 78: SLE R [Absolute Envelope 4] 0.0000	0.0000	0.0000	238.1948	152.3400	145.6658		
Beam 45: End 2: 79: SLE F [Absolute Envelope 5] 0.0000	0.0000	0.0000	185.2399	56.6389	58.8462		
Beam 45: End 2: 80: SLE QP [Absolute Envelope 6] 0.0000	0.0000	0.0000	115.0607	53.6360	76.2088		
Beam 46: End 1: 1: PP	0.0000	0.0000	96.1972	-76.1723	38.0766	0.0000	
Beam 46: End 1: 2: PERM	0.0000	0.0000	46.2928	-6.4891	2.3418	0.0000	
Beam 46: End 1: 3: SPTSX	0.0000	0.0000	-33.7834	70.5006	-27.0753	0.0000	
Beam 46: End 1: 4: SPTDX	0.0000	0.0000	9.4298	-48.6320	-86.4252	0.0000	
Beam 46: End 1: 5: SPTW	0.0000	0.0000	-3.0756	7.1568	-3.1266	0.0000	
Beam 46: End 1: 6: ACC_LM71	0.0000	0.0000	136.9437	-1.8924	-0.0311	0.0000	
Beam 46: End 1: 7: ACC_SW2	0.0000	0.0000	113.3504	-1.5664	-0.0258	0.0000	
Beam 46: End 1: 8: SPACCSX_LM71	0.0000	0.0000	-21.7800	43.4118	-18.1165	0.0000	
Beam 46: End 1: 9: SPACCDX_LM71	0.0000	0.0000	10.4664	-34.7031	-58.1766	0.0000	
Beam 46: End 1: 10: SPACCSX_SW2	0.0000	0.0000	-18.0307	35.9384	-14.9980	0.0000	
Beam 46: End 1: 11: SPACCDX_SW2	0.0000	0.0000	8.6656	-28.7294	-48.1623	0.0000	
Beam 46: End 1: 12: AVV_LM71	0.0000	0.0000	-36.4083	64.5197	20.1980	0.0000	
Beam 46: End 1: 13: FREN_SW2	0.0000	0.0000	-35.0872	62.1786	19.4651	0.0000	
Beam 46: End 1: 14: SERP	0.0000	0.0000	-0.1107	0.1962	0.0614	0.0000	

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto</p> <p>IN17</p>	<p>Lotto</p> <p>12</p>	<p>Codifica</p> <p>EI2CLSL1000001</p>	<p>A</p>

Beam 46: End 1: 15: TERM	0.0000	0.0000	10.8279	-82.7364	-12.9347	0.0000	
Beam 46: End 1: 16: RITIRO	0.0000	0.0000	-8.0848	61.7765	9.6579	0.0000	
Beam 46: End 1: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Beam 46: End 1: 18: SISMA_H	0.0000	0.0000	-53.9200	102.0052	36.0820	0.0000	
Beam 46: End 1: 19: SISMA_V	0.0000	0.0000	14.9510	-0.2066	-0.0034	0.0000	
Beam 46: End 1: 20: SPSSX	0.0000	0.0000	-40.5723	81.9035	-33.4044	0.0000	
Beam 46: End 1: 21: SPSDX	0.0000	0.0000	16.9371	-63.8839	-107.2544	0.0000	
Beam 46: End 1: 22: SLU01 [Combination 1]	0.0000	0.0000	286.0715	70.2158	-58.7381	0.0000	
Beam 46: End 1: 23: SLU02 [Combination 2]	0.0000	0.0000	298.2056	155.8632	-9.2385	0.0000	
Beam 46: End 1: 24: SLU03 [Combination 3]	0.0000	0.0000	316.5760	9.7736	-33.5635	0.0000	
Beam 46: End 1: 25: SLU04 [Combination 4]	0.0000	0.0000	273.1708	97.3959	-69.3088	0.0000	
Beam 46: End 1: 26: SLU05 [Combination 5]	0.0000	0.0000	276.4712	80.3747	-99.5576	0.0000	
Beam 46: End 1: 27: SLU06 [Combination 6]	0.0000	0.0000	130.6949	-10.4350	-128.7995	0.0000	
Beam 46: End 1: 28: SLU07 [Combination 7]	0.0000	0.0000	263.4257	171.8586	-57.6675	0.0000	
Beam 46: End 1: 29: SLU08 [Combination 8]	0.0000	0.0000	70.5791	36.4911	-113.0484	0.0000	
Beam 46: End 1: 30: SLU09 [Combination 9]	0.0000	0.0000	326.0062	3.5113	-98.6476	0.0000	
Beam 46: End 1: 31: SLU10 [Combination 10]	0.0000	0.0000	368.3979	-2.5262	-154.2248	0.0000	
Beam 46: End 1: 32: SLU11 [Combination 11]	0.0000	0.0000	321.4601	147.7927	-83.1230	0.0000	
Beam 46: End 1: 33: SLU12 [Combination 12]	0.0000	0.0000	353.9438	-100.4164	-121.9271	0.0000	
Beam 46: End 1: 34: SLU13 [Combination 13]	0.0000	0.0000	259.2133	56.4574	-55.2712	0.0000	
Beam 46: End 1: 35: SLU14 [Combination 14]	0.0000	0.0000	265.9109	152.9413	-10.2934	0.0000	
Beam 46: End 1: 36: SLU15 [Combination 15]	0.0000	0.0000	284.2813	6.8517	-34.6185	0.0000	
Beam 46: End 1: 37: SLU16 [Combination 16]	0.0000	0.0000	246.3126	83.6375	-65.8419	0.0000	
Beam 46: End 1: 38: SLU17 [Combination 17]	0.0000	0.0000	249.6130	66.6163	-96.0907	0.0000	
Beam 46: End 1: 39: SLU18 [Combination 18]	0.0000	0.0000	136.1314	-21.2714	-124.2777	0.0000	
Beam 46: End 1: 40: SLU19 [Combination 19]	0.0000	0.0000	236.5675	158.1002	-54.2006	0.0000	
Beam 46: End 1: 41: SLU20 [Combination 20]	0.0000	0.0000	76.0155	25.6547	-108.5266	0.0000	
Beam 46: End 1: 42: SLU21 [Combination 21]	0.0000	0.0000	297.2324	-6.8524	-94.1180	0.0000	
Beam 46: End 1: 43: SLU22 [Combination 22]	0.0000	0.0000	331.5764	6.6083	-139.6962	0.0000	
Beam 46: End 1: 44: SLU23 [Combination 23]	0.0000	0.0000	291.5990	139.5963	-79.4977	0.0000	

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
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Beam 46: End 1: 45: SLU24 [Combination 24]	0.0000	0.0000	324.0826	-108.6128	-118.3019	0.0000
Beam 46: End 1: 46: SLU25 [Combination 25]	0.0000	0.0000	300.3641	49.2063	-84.3946	0.0000
Beam 46: End 1: 47: SLU26 [Combination 26]	0.0000	0.0000	271.5903	38.8426	-79.8650	0.0000
Beam 46: End 1: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	84.8155	108.7758	-130.8469	0.0000
Beam 46: End 1: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	75.8449	108.8997	-130.8449	0.0000
Beam 46: End 1: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	135.1461	50.5528	-129.1609	0.0000
Beam 46: End 1: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	126.1755	50.6768	-129.1589	0.0000
Beam 46: End 1: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	121.1692	81.9462	-81.0286	0.0000
Beam 46: End 1: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	91.2672	82.3595	-81.0218	0.0000
Beam 46: End 1: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	136.2684	64.4793	-80.5228	0.0000
Beam 46: End 1: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	106.3664	64.8926	-80.5160	0.0000
Beam 46: End 1: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	81.1109	106.8781	-130.3687	0.0000
Beam 46: End 1: 57: SLU_SISMA10 [Combination 36]	0.0000	0.0000	72.1403	107.0020	-130.3667	0.0000
Beam 46: End 1: 58: SLU_SISMA11 [Combination 37]	0.0000	0.0000	131.4415	48.6551	-128.6827	0.0000
Beam 46: End 1: 59: SLU_SISMA12 [Combination 38]	0.0000	0.0000	122.4709	48.7791	-128.6807	0.0000
Beam 46: End 1: 60: SLU_SISMA13 [Combination 39]	0.0000	0.0000	117.4646	80.0485	-80.5504	0.0000
Beam 46: End 1: 61: SLU_SISMA14 [Combination 40]	0.0000	0.0000	87.5627	80.4617	-80.5436	0.0000

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto</p> <p>IN17</p>	<p>Lotto</p> <p>12</p>	<p>Codifica</p> <p>EI2CLSL1000001</p>	<p>A</p>

Beam 46: End 1: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	132.5638	62.5816	-80.0446
Beam 46: End 1: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	102.6618	62.9949	-80.0378
Beam 46: End 1: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	238.1948	-50.1570	-145.6658
Beam 46: End 1: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	192.9349	-46.2090	-128.8706
Beam 46: End 1: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	161.5976	152.3400	-39.8647
Beam 46: End 1: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	219.8220	-49.2231	-134.5689
Beam 46: End 1: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	176.6759	-49.0210	-118.9464
Beam 46: End 1: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	146.7792	144.7491	-37.9520
Beam 46: End 1: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	204.1874	78.5371	-59.5166
Beam 46: End 1: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	184.3434	71.3897	-56.3927
Beam 46: End 1: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	115.0607	-53.6360	-76.2088
Beam 46: End 1: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	185.2399	56.6389	-58.8462
Beam 46: End 1: 74: SLE_FREQ02 [Combination 53] 0.0000	0.0000	0.0000	169.3647	50.9210	-56.3471
Beam 46: End 1: 75: SLU/SLV [Absolute Envelope 1] 0.0000	0.0000	0.0000	368.3979	171.8586	154.2248
Beam 46: End 1: 76: SLU [Absolute Envelope 2] 0.0000	0.0000	0.0000	368.3979	171.8586	154.2248
Beam 46: End 1: 77: SLV [Absolute Envelope 3] 0.0000	0.0000	0.0000	136.2684	108.8997	130.8469

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		Progetto	Lotto	Codifica	
		IN17	12	EI2CLSL1000001	A

Beam 46: End 1: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	238.1948	152.3400	145.6658	
0.0000						
Beam 46: End 1: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	185.2399	56.6389	58.8462	
0.0000						
Beam 46: End 1: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	115.0607	53.6360	76.2088	
0.0000						
Beam 46: End 2: 1: PP	0.0000	0.0000	54.0142	53.0096	38.0766	0.0000
Beam 46: End 2: 2: PERM	0.0000	0.0000	16.8808	47.8401	2.3418	0.0000
Beam 46: End 2: 3: SPTSX	0.0000	0.0000	-33.7834	12.3931	-27.0753	0.0000
Beam 46: End 2: 4: SPTDX	0.0000	0.0000	9.4298	-32.4128	-86.4252	0.0000
Beam 46: End 2: 5: SPTW	0.0000	0.0000	-3.0756	1.8668	-3.1266	0.0000
Beam 46: End 2: 6: ACC_LM71	0.0000	0.0000	45.0957	154.6615	-0.0311	0.0000
Beam 46: End 2: 7: ACC_SW2	0.0000	0.0000	37.3264	128.0157	-0.0258	0.0000
Beam 46: End 2: 8: SPACCSX_LM71	0.0000	0.0000	-21.7800	5.9502	-18.1165	0.0000
Beam 46: End 2: 9: SPACCDX_LM71	0.0000	0.0000	10.4664	-16.7009	-58.1766	0.0000
Beam 46: End 2: 10: SPACCSX_SW2	0.0000	0.0000	-18.0307	4.9255	-14.9980	0.0000
Beam 46: End 2: 11: SPACCDX_SW2	0.0000	0.0000	8.6656	-13.8247	-48.1623	0.0000
Beam 46: End 2: 12: AVV_LM71	0.0000	0.0000	-36.4083	1.8974	4.0816	0.0000
Beam 46: End 2: 13: FREN_SW2	0.0000	0.0000	-35.0872	1.8286	3.9335	0.0000
Beam 46: End 2: 14: SERP	0.0000	0.0000	-0.1107	0.0058	0.0124	0.0000
Beam 46: End 2: 15: TERM	0.0000	0.0000	10.8279	-64.1124	-12.9347	0.0000
Beam 46: End 2: 16: RITIRO	0.0000	0.0000	-8.0848	47.8706	9.6579	0.0000
Beam 46: End 2: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Beam 46: End 2: 18: SISMA_H	0.0000	0.0000	-53.9200	9.2628	15.9580	0.0000
Beam 46: End 2: 19: SISMA_V	0.0000	0.0000	4.9234	16.8853	-0.0034	0.0000
Beam 46: End 2: 20: SPSSX	0.0000	0.0000	-40.5723	12.1192	-33.4044	0.0000
Beam 46: End 2: 21: SPSPDX	0.0000	0.0000	16.9371	-34.7521	-107.2544	0.0000
Beam 46: End 2: 22: SLU01 [Combination 1]	0.0000	0.0000	51.8268	360.8083	-82.1069	0.0000
Beam 46: End 2: 23: SLU02 [Combination 2]	0.0000	0.0000	63.9610	467.3265	-32.6072	0.0000
Beam 46: End 2: 24: SLU03 [Combination 3]	0.0000	0.0000	82.3314	352.8339	-56.9323	0.0000
Beam 46: End 2: 25: SLU04 [Combination 4]	0.0000	0.0000	38.9262	365.7993	-92.6776	0.0000

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
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Beam 46: End 2: 26: SLU05 [Combination 5]	0.0000	0.0000	42.2266	354.4548	-122.9264	0.0000
Beam 46: End 2: 27: SLU06 [Combination 6]	0.0000	0.0000	29.6299	127.4444	-128.7995	0.0000
Beam 46: End 2: 28: SLU07 [Combination 7]	0.0000	0.0000	29.1811	423.5005	-81.0363	0.0000
Beam 46: End 2: 29: SLU08 [Combination 8]	0.0000	0.0000	-1.0159	96.3155	-113.0484	0.0000
Beam 46: End 2: 30: SLU09 [Combination 9]	0.0000	0.0000	91.7616	362.7916	-98.6476	0.0000
Beam 46: End 2: 31: SLU10 [Combination 10]	0.0000	0.0000	134.1533	429.6678	-154.2248	0.0000
Beam 46: End 2: 32: SLU11 [Combination 11]	0.0000	0.0000	87.2155	499.2538	-83.1230	0.0000
Beam 46: End 2: 33: SLU12 [Combination 12]	0.0000	0.0000	119.6991	306.9165	-121.9271	0.0000
Beam 46: End 2: 34: SLU13 [Combination 13]	0.0000	0.0000	47.9134	320.5864	-77.7920	0.0000
Beam 46: End 2: 35: SLU14 [Combination 14]	0.0000	0.0000	54.6111	428.5902	-32.8142	0.0000
Beam 46: End 2: 36: SLU15 [Combination 15]	0.0000	0.0000	72.9815	314.0977	-57.1393	0.0000
Beam 46: End 2: 37: SLU16 [Combination 16]	0.0000	0.0000	35.0128	325.5773	-88.3627	0.0000
Beam 46: End 2: 38: SLU17 [Combination 17]	0.0000	0.0000	38.3132	314.2328	-118.6115	0.0000
Beam 46: End 2: 39: SLU18 [Combination 18]	0.0000	0.0000	35.0663	125.9587	-124.2777	0.0000
Beam 46: End 2: 40: SLU19 [Combination 19]	0.0000	0.0000	25.2677	383.2785	-76.7215	0.0000
Beam 46: End 2: 41: SLU20 [Combination 20]	0.0000	0.0000	4.4205	94.8297	-108.5266	0.0000
Beam 46: End 2: 42: SLU21 [Combination 21]	0.0000	0.0000	85.9325	322.6695	-94.1180	0.0000
Beam 46: End 2: 43: SLU22 [Combination 22]	0.0000	0.0000	120.2766	395.2019	-139.6962	0.0000
Beam 46: End 2: 44: SLU23 [Combination 23]	0.0000	0.0000	80.2992	459.4288	-79.4977	0.0000
Beam 46: End 2: 45: SLU24 [Combination 24]	0.0000	0.0000	112.7828	267.0915	-118.3019	0.0000
Beam 46: End 2: 46: SLU25 [Combination 25]	0.0000	0.0000	66.1195	364.3821	-95.7261	0.0000
Beam 46: End 2: 47: SLU26 [Combination 26]	0.0000	0.0000	60.2904	324.2600	-91.1965	0.0000
Beam 46: End 2: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	-8.1574	174.7017	-154.1942	0.0000
Beam 46: End 2: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	-11.1114	164.5705	-154.1922	0.0000
Beam 46: End 2: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	42.1732	203.0474	-112.2602	0.0000
Beam 46: End 2: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	39.2192	192.9162	-112.2581	0.0000

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Beam 46: End 2: 52: SLU_SISMA05 [Combination 31] 0.0000	0.0000	0.0000	21.1770	204.3639	-90.2891
Beam 46: End 2: 53: SLU_SISMA06 [Combination 32] 0.0000	0.0000	0.0000	11.3302	170.5933	-90.2823
Beam 46: End 2: 54: SLU_SISMA07 [Combination 33] 0.0000	0.0000	0.0000	36.2762	212.8676	-77.7089
Beam 46: End 2: 55: SLU_SISMA08 [Combination 34] 0.0000	0.0000	0.0000	26.4294	179.0970	-77.7021
Beam 46: End 2: 56: SLU_SISMA09 [Combination 35] 0.0000	0.0000	0.0000	-8.6972	169.1538	-153.5990
Beam 46: End 2: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	-11.6512	159.0226	-153.5970
Beam 46: End 2: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	41.6334	197.4995	-111.6650
Beam 46: End 2: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	38.6794	187.3683	-111.6630
Beam 46: End 2: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	20.6372	198.8161	-89.6939
Beam 46: End 2: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	10.7905	165.0454	-89.6871
Beam 46: End 2: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	35.7364	207.3198	-77.1137
Beam 46: End 2: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	25.8896	173.5491	-77.1069
Beam 46: End 2: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	93.1214	234.7749	-132.7726
Beam 46: End 2: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	47.8615	160.8758	-141.7638
Beam 46: End 2: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	16.5242	305.5247	-52.7579
Beam 46: End 2: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	87.4078	214.9946	-122.1436

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
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Beam 46: End 2: 68: SLE_RARA05 [Combination 47]	0.0000	0.0000	44.2617	140.9854	-131.3717	
0.0000						
Beam 46: End 2: 69: SLE_RARA06 [Combination 48]	0.0000	0.0000	14.3650	283.3332	-50.3772	
0.0000						
Beam 46: End 2: 70: SLE_RARA07 [Combination 49]	0.0000	0.0000	40.7444	289.1785	-67.3314	
0.0000						
Beam 46: End 2: 71: SLE_RARA08 [Combination 50]	0.0000	0.0000	36.7244	261.5081	-64.2075	
0.0000						
Beam 46: End 2: 72: SLE_QPERM01 [Combination 51]	0.0000	0.0000	43.4657	82.6968	-76.2088	
0.0000						
Beam 46: End 2: 73: SLE_FREQ01 [Combination 52]	0.0000	0.0000	40.1665	250.4885	-65.3320	
0.0000						
Beam 46: End 2: 74: SLE_FREQ02 [Combination 53]	0.0000	0.0000	36.9505	228.3521	-62.8329	
0.0000						
Beam 46: End 2: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	134.1533	499.2538	154.2248	
0.0000						
Beam 46: End 2: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	134.1533	499.2538	154.2248	
0.0000						
Beam 46: End 2: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	42.1732	212.8676	154.1942	
0.0000						
Beam 46: End 2: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	93.1214	305.5247	141.7638	
0.0000						
Beam 46: End 2: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	40.1665	250.4885	65.3320	
0.0000						
Beam 46: End 2: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	43.4657	82.6968	76.2088	
0.0000						
Beam 47: End 1: 1: PP	0.0000	0.0000	54.0142	53.0096	38.0766	0.0000
Beam 47: End 1: 2: PERM	0.0000	0.0000	16.8808	47.8401	2.3418	0.0000
Beam 47: End 1: 3: SPTSX	0.0000	0.0000	-33.7834	12.3931	-27.0753	0.0000
Beam 47: End 1: 4: SPTDX	0.0000	0.0000	9.4298	-32.4128	-86.4252	0.0000
Beam 47: End 1: 5: SPTW	0.0000	0.0000	-3.0756	1.8668	-3.1266	0.0000
Beam 47: End 1: 6: ACC_LM71	0.0000	0.0000	45.0957	154.6615	-0.0311	0.0000

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Beam 47: End 1: 7: ACC_SW2	0.0000	0.0000	37.3264	128.0157	-0.0258	0.0000	
Beam 47: End 1: 8: SPACCSX_LM71	0.0000	0.0000	-21.7800	5.9502	-18.1165	0.0000	
Beam 47: End 1: 9: SPACCDX_LM71	0.0000	0.0000	10.4664	-16.7009	-58.1766	0.0000	
Beam 47: End 1: 10: SPACCSX_SW2	0.0000	0.0000	-18.0307	4.9255	-14.9980	0.0000	
Beam 47: End 1: 11: SPACCDX_SW2	0.0000	0.0000	8.6656	-13.8247	-48.1623	0.0000	
Beam 47: End 1: 12: AVV_LM71	0.0000	0.0000	-36.4083	1.8974	4.0816	0.0000	
Beam 47: End 1: 13: FREN_SW2	0.0000	0.0000	-35.0872	1.8286	3.9335	0.0000	
Beam 47: End 1: 14: SERP	0.0000	0.0000	-0.1107	0.0058	0.0124	0.0000	
Beam 47: End 1: 15: TERM	0.0000	0.0000	10.8279	-64.1124	-12.9347	0.0000	
Beam 47: End 1: 16: RITIRO	0.0000	0.0000	-8.0848	47.8706	9.6579	0.0000	
Beam 47: End 1: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Beam 47: End 1: 18: SISMA_H	0.0000	0.0000	-53.9200	9.2628	15.9580	0.0000	
Beam 47: End 1: 19: SISMA_V	0.0000	0.0000	4.9234	16.8853	-0.0034	0.0000	
Beam 47: End 1: 20: SPSSX	0.0000	0.0000	-40.5723	12.1192	-33.4044	0.0000	
Beam 47: End 1: 21: SPSDX	0.0000	0.0000	16.9371	-34.7521	-107.2544	0.0000	
Beam 47: End 1: 22: SLU01 [Combination 1]	0.0000	0.0000	51.8268	360.8083	-82.1069	0.0000	
Beam 47: End 1: 23: SLU02 [Combination 2]	0.0000	0.0000	63.9610	467.3265	-32.6072	0.0000	
Beam 47: End 1: 24: SLU03 [Combination 3]	0.0000	0.0000	82.3314	352.8339	-56.9323	0.0000	
Beam 47: End 1: 25: SLU04 [Combination 4]	0.0000	0.0000	38.9262	365.7993	-92.6776	0.0000	
Beam 47: End 1: 26: SLU05 [Combination 5]	0.0000	0.0000	42.2266	354.4548	-122.9264	0.0000	
Beam 47: End 1: 27: SLU06 [Combination 6]	0.0000	0.0000	29.6299	127.4444	-128.7995	0.0000	
Beam 47: End 1: 28: SLU07 [Combination 7]	0.0000	0.0000	29.1811	423.5005	-81.0363	0.0000	
Beam 47: End 1: 29: SLU08 [Combination 8]	0.0000	0.0000	-1.0159	96.3155	-113.0484	0.0000	
Beam 47: End 1: 30: SLU09 [Combination 9]	0.0000	0.0000	91.7616	362.7916	-98.6476	0.0000	
Beam 47: End 1: 31: SLU10 [Combination 10]	0.0000	0.0000	134.1533	429.6678	-154.2248	0.0000	
Beam 47: End 1: 32: SLU11 [Combination 11]	0.0000	0.0000	87.2155	499.2538	-83.1230	0.0000	
Beam 47: End 1: 33: SLU12 [Combination 12]	0.0000	0.0000	119.6991	306.9165	-121.9271	0.0000	
Beam 47: End 1: 34: SLU13 [Combination 13]	0.0000	0.0000	47.9134	320.5864	-77.7920	0.0000	
Beam 47: End 1: 35: SLU14 [Combination 14]	0.0000	0.0000	54.6111	428.5902	-32.8142	0.0000	
Beam 47: End 1: 36: SLU15 [Combination 15]	0.0000	0.0000	72.9815	314.0977	-57.1393	0.0000	

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Beam 47: End 1: 37: SLU16 [Combination 16]	0.0000	0.0000	35.0128	325.5773	-88.3627	0.0000
Beam 47: End 1: 38: SLU17 [Combination 17]	0.0000	0.0000	38.3132	314.2328	-118.6115	0.0000
Beam 47: End 1: 39: SLU18 [Combination 18]	0.0000	0.0000	35.0663	125.9587	-124.2777	0.0000
Beam 47: End 1: 40: SLU19 [Combination 19]	0.0000	0.0000	25.2677	383.2785	-76.7215	0.0000
Beam 47: End 1: 41: SLU20 [Combination 20]	0.0000	0.0000	4.4205	94.8297	-108.5266	0.0000
Beam 47: End 1: 42: SLU21 [Combination 21]	0.0000	0.0000	85.9325	322.6695	-94.1180	0.0000
Beam 47: End 1: 43: SLU22 [Combination 22]	0.0000	0.0000	120.2766	395.2019	-139.6962	0.0000
Beam 47: End 1: 44: SLU23 [Combination 23]	0.0000	0.0000	80.2992	459.4288	-79.4977	0.0000
Beam 47: End 1: 45: SLU24 [Combination 24]	0.0000	0.0000	112.7828	267.0915	-118.3019	0.0000
Beam 47: End 1: 46: SLU25 [Combination 25]	0.0000	0.0000	66.1195	364.3821	-95.7261	0.0000
Beam 47: End 1: 47: SLU26 [Combination 26]	0.0000	0.0000	60.2904	324.2600	-91.1965	0.0000
Beam 47: End 1: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	-8.1574	174.7017	-154.1942	0.0000
Beam 47: End 1: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	-11.1114	164.5705	-154.1922	0.0000
Beam 47: End 1: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	42.1732	203.0474	-112.2602	0.0000
Beam 47: End 1: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	39.2192	192.9162	-112.2581	0.0000
Beam 47: End 1: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	21.1770	204.3639	-90.2891	0.0000
Beam 47: End 1: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	11.3302	170.5933	-90.2823	0.0000
Beam 47: End 1: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	36.2762	212.8676	-77.7089	0.0000
Beam 47: End 1: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	26.4294	179.0970	-77.7021	0.0000
Beam 47: End 1: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	-8.6972	169.1538	-153.5990	0.0000
Beam 47: End 1: 57: SLU_SISMA10 [Combination 36]	0.0000	0.0000	-11.6512	159.0226	-153.5970	0.0000

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Beam 47: End 1: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	41.6334	197.4995	-111.6650
Beam 47: End 1: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	38.6794	187.3683	-111.6630
Beam 47: End 1: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	20.6372	198.8161	-89.6939
Beam 47: End 1: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	10.7905	165.0454	-89.6871
Beam 47: End 1: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	35.7364	207.3198	-77.1137
Beam 47: End 1: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	25.8896	173.5491	-77.1069
Beam 47: End 1: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	93.1214	234.7749	-132.7726
Beam 47: End 1: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	47.8615	160.8758	-141.7638
Beam 47: End 1: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	16.5242	305.5247	-52.7579
Beam 47: End 1: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	87.4078	214.9946	-122.1436
Beam 47: End 1: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	44.2617	140.9854	-131.3717
Beam 47: End 1: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	14.3650	283.3332	-50.3772
Beam 47: End 1: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	40.7444	289.1785	-67.3314
Beam 47: End 1: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	36.7244	261.5081	-64.2075
Beam 47: End 1: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	43.4657	82.6968	-76.2088
Beam 47: End 1: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	40.1665	250.4885	-65.3320

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto</p> <p>IN17</p>	<p>Lotto</p> <p>12</p>	<p>Codifica</p> <p>EI2CLSL1000001</p>	<p>A</p>



Beam 47: End 2: 18: SISMA_H	0.0000	0.0000	-53.9200	-84.0188	-4.2830	0.0000	
Beam 47: End 2: 19: SISMA_V	0.0000	0.0000	-5.1625	16.6785	-0.0034	0.0000	
Beam 47: End 2: 20: SPSSX	0.0000	0.0000	-40.5723	-58.0709	-33.4044	0.0000	
Beam 47: End 2: 21: SPSDX	0.0000	0.0000	16.9371	-5.4509	-107.2544	0.0000	
Beam 47: End 2: 22: SLU01 [Combination 1]	0.0000	0.0000	-183.7797	246.6691	-105.6115	0.0000	
Beam 47: End 2: 23: SLU02 [Combination 2]	0.0000	0.0000	-171.6456	374.1793	-56.1119	0.0000	
Beam 47: End 2: 24: SLU03 [Combination 3]	0.0000	0.0000	-153.2752	291.4675	-80.4370	0.0000	
Beam 47: End 2: 25: SLU04 [Combination 4]	0.0000	0.0000	-196.6804	229.3419	-116.1822	0.0000	
Beam 47: End 2: 26: SLU05 [Combination 5]	0.0000	0.0000	-193.3799	223.7072	-146.4310	0.0000	
Beam 47: End 2: 27: SLU06 [Combination 6]	0.0000	0.0000	-72.0227	90.7746	-128.7995	0.0000	
Beam 47: End 2: 28: SLU07 [Combination 7]	0.0000	0.0000	-206.4254	270.1841	-104.5410	0.0000	
Beam 47: End 2: 29: SLU08 [Combination 8]	0.0000	0.0000	-73.0272	32.2682	-113.0484	0.0000	
Beam 47: End 2: 30: SLU09 [Combination 9]	0.0000	0.0000	-143.8450	317.7395	-98.6476	0.0000	
Beam 47: End 2: 31: SLU10 [Combination 10]	0.0000	0.0000	-101.4533	457.9533	-154.2248	0.0000	
Beam 47: End 2: 32: SLU11 [Combination 11]	0.0000	0.0000	-148.3910	446.3369	-83.1230	0.0000	
Beam 47: End 2: 33: SLU12 [Combination 12]	0.0000	0.0000	-115.9074	310.1963	-121.9271	0.0000	
Beam 47: End 2: 34: SLU13 [Combination 13]	0.0000	0.0000	-164.6149	219.6396	-100.4438	0.0000	
Beam 47: End 2: 35: SLU14 [Combination 14]	0.0000	0.0000	-157.9172	339.2304	-55.4660	0.0000	
Beam 47: End 2: 36: SLU15 [Combination 15]	0.0000	0.0000	-139.5468	256.5187	-79.7910	0.0000	
Beam 47: End 2: 37: SLU16 [Combination 16]	0.0000	0.0000	-177.5156	202.3124	-111.0145	0.0000	
Beam 47: End 2: 38: SLU17 [Combination 17]	0.0000	0.0000	-174.2152	196.6776	-141.2633	0.0000	
Beam 47: End 2: 39: SLU18 [Combination 18]	0.0000	0.0000	-66.5863	98.6939	-124.2777	0.0000	
Beam 47: End 2: 40: SLU19 [Combination 19]	0.0000	0.0000	-187.2607	243.1546	-99.3732	0.0000	
Beam 47: End 2: 41: SLU20 [Combination 20]	0.0000	0.0000	-67.5907	40.1876	-108.5266	0.0000	
Beam 47: End 2: 42: SLU21 [Combination 21]	0.0000	0.0000	-126.5958	287.4957	-94.1180	0.0000	
Beam 47: End 2: 43: SLU22 [Combination 22]	0.0000	0.0000	-92.2517	419.4434	-139.6962	0.0000	
Beam 47: End 2: 44: SLU23 [Combination 23]	0.0000	0.0000	-132.2292	414.5093	-79.4977	0.0000	
Beam 47: End 2: 45: SLU24 [Combination 24]	0.0000	0.0000	-99.7455	278.3687	-118.3019	0.0000	
Beam 47: End 2: 46: SLU25 [Combination 25]	0.0000	0.0000	-169.4871	274.9691	-107.1235	0.0000	
Beam 47: End 2: 47: SLU26 [Combination 26]	0.0000	0.0000	-152.2379	244.7254	-102.5938	0.0000	

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
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Beam 47: End 2: 48: SLU_SISMA01 [Combination 27] 0.0000	0.0000	0.0000	-101.6708	79.7003	-177.6772
Beam 47: End 2: 49: SLU_SISMA02 [Combination 28] 0.0000	0.0000	0.0000	-98.5733	69.6932	-177.6752
Beam 47: End 2: 50: SLU_SISMA03 [Combination 29] 0.0000	0.0000	0.0000	-51.3402	195.1179	-95.2612
Beam 47: End 2: 51: SLU_SISMA04 [Combination 30] 0.0000	0.0000	0.0000	-48.2427	185.1108	-95.2592
Beam 47: End 2: 52: SLU_SISMA05 [Combination 31] 0.0000	0.0000	0.0000	-79.3966	154.0040	-99.6034
Beam 47: End 2: 53: SLU_SISMA06 [Combination 32] 0.0000	0.0000	0.0000	-69.0715	120.6471	-99.5966
Beam 47: End 2: 54: SLU_SISMA07 [Combination 33] 0.0000	0.0000	0.0000	-64.2974	188.6293	-74.8786
Beam 47: End 2: 55: SLU_SISMA08 [Combination 34] 0.0000	0.0000	0.0000	-53.9723	155.2724	-74.8718
Beam 47: End 2: 56: SLU_SISMA09 [Combination 35] 0.0000	0.0000	0.0000	-99.0274	75.9721	-176.9644
Beam 47: End 2: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	-95.9299	65.9650	-176.9624
Beam 47: End 2: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	-48.6968	191.3897	-94.5484
Beam 47: End 2: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	-45.5993	181.3826	-94.5464
Beam 47: End 2: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	-76.7532	150.2758	-98.8906
Beam 47: End 2: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	-66.4281	116.9189	-98.8838
Beam 47: End 2: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	-61.6540	184.9011	-74.1658
Beam 47: End 2: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	-51.3289	151.5441	-74.1590

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto</p> <p>IN17</p>	<p>Lotto</p> <p>12</p>	<p>Codifica</p> <p>EI2CLSL1000001</p>	<p>A</p>

Beam 47: End 2: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	-52.7955	269.6568	-119.8046
Beam 47: End 2: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	-98.0554	117.4582	-154.7318
Beam 47: End 2: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	-129.3927	207.8934	-65.7259
Beam 47: End 2: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	-45.7762	251.0059	-109.6461
Beam 47: End 2: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	-88.9223	102.3539	-143.8692
Beam 47: End 2: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	-118.8190	192.9805	-62.8748
Beam 47: End 2: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	-123.6488	217.4662	-75.1917
Beam 47: End 2: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	-111.7528	196.6085	-72.0678
Beam 47: End 2: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	-28.5455	95.6028	-76.2088
Beam 47: End 2: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	-105.7503	193.7584	-71.8554
Beam 47: End 2: 74: SLE_FREQ02 [Combination 53] 0.0000	0.0000	0.0000	-96.2336	177.0722	-69.3563
Beam 47: End 2: 75: SLU/SLV [Absolute Envelope 1] 0.0000	0.0000	0.0000	206.4254	457.9533	177.6772
Beam 47: End 2: 76: SLU [Absolute Envelope 2] 0.0000	0.0000	0.0000	206.4254	457.9533	154.2248
Beam 47: End 2: 77: SLV [Absolute Envelope 3] 0.0000	0.0000	0.0000	101.6708	195.1179	177.6772
Beam 47: End 2: 78: SLE R [Absolute Envelope 4] 0.0000	0.0000	0.0000	129.3927	269.6568	154.7318
Beam 47: End 2: 79: SLE F [Absolute Envelope 5] 0.0000	0.0000	0.0000	105.7503	193.7584	71.8554

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto</p> <p>IN17</p>	<p>Lotto</p> <p>12</p>	<p>Codifica</p> <p>EI2CLSL1000001</p>	<p>A</p>



Beam 47: End 2: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	28.5455	95.6028	76.2088		
0.0000							
Beam 48: End 1: 1: PP	0.0000	0.0000	11.5860	109.7538	38.0766	0.0000	
Beam 48: End 1: 2: PERM	0.0000	0.0000	-12.7022	51.4546	2.3418	0.0000	
Beam 48: End 1: 3: SPTSX	0.0000	0.0000	-33.7834	-46.0522	-27.0753	0.0000	
Beam 48: End 1: 4: SPTDX	0.0000	0.0000	9.4298	-16.0993	-86.4252	0.0000	
Beam 48: End 1: 5: SPTW	0.0000	0.0000	-3.0756	-3.4541	-3.1266	0.0000	
Beam 48: End 1: 6: ACC_LM71	0.0000	0.0000	-47.2863	152.7667	-0.0311	0.0000	
Beam 48: End 1: 7: ACC_SW2	0.0000	0.0000	-39.1396	126.4473	-0.0258	0.0000	
Beam 48: End 1: 8: SPACCSX_LM71	0.0000	0.0000	-21.7800	-31.7292	-18.1165	0.0000	
Beam 48: End 1: 9: SPACCDX_LM71	0.0000	0.0000	10.4664	1.4060	-58.1766	0.0000	
Beam 48: End 1: 10: SPACCSX_SW2	0.0000	0.0000	-18.0307	-26.2676	-14.9980	0.0000	
Beam 48: End 1: 11: SPACCDX_SW2	0.0000	0.0000	8.6656	1.1667	-48.1623	0.0000	
Beam 48: End 1: 12: AVV_LM71	0.0000	0.0000	-36.4083	-61.0890	-12.1285	0.0000	
Beam 48: End 1: 13: FREN_SW2	0.0000	0.0000	-35.0872	-58.8723	-11.6884	0.0000	
Beam 48: End 1: 14: SERP	0.0000	0.0000	-0.1107	-0.1858	-0.0369	0.0000	
Beam 48: End 1: 15: TERM	0.0000	0.0000	10.8279	-45.3802	-12.9347	0.0000	
Beam 48: End 1: 16: RITIRO	0.0000	0.0000	-8.0848	33.8839	9.6579	0.0000	
Beam 48: End 1: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Beam 48: End 1: 18: SISMA_H	0.0000	0.0000	-53.9200	-84.0188	-4.2830	0.0000	
Beam 48: End 1: 19: SISMA_V	0.0000	0.0000	-5.1625	16.6785	-0.0034	0.0000	
Beam 48: End 1: 20: SPSSX	0.0000	0.0000	-40.5723	-58.0709	-33.4044	0.0000	
Beam 48: End 1: 21: SPSPDX	0.0000	0.0000	16.9371	-5.4509	-107.2544	0.0000	
Beam 48: End 1: 22: SLU01 [Combination 1]	0.0000	0.0000	-183.7797	246.6691	-105.6115	0.0000	
Beam 48: End 1: 23: SLU02 [Combination 2]	0.0000	0.0000	-171.6456	374.1793	-56.1119	0.0000	
Beam 48: End 1: 24: SLU03 [Combination 3]	0.0000	0.0000	-153.2752	291.4675	-80.4370	0.0000	
Beam 48: End 1: 25: SLU04 [Combination 4]	0.0000	0.0000	-196.6804	229.3419	-116.1822	0.0000	
Beam 48: End 1: 26: SLU05 [Combination 5]	0.0000	0.0000	-193.3799	223.7072	-146.4310	0.0000	
Beam 48: End 1: 27: SLU06 [Combination 6]	0.0000	0.0000	-72.0227	90.7746	-128.7995	0.0000	
Beam 48: End 1: 28: SLU07 [Combination 7]	0.0000	0.0000	-206.4254	270.1841	-104.5410	0.0000	

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
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Beam 48: End 1: 29: SLU08 [Combination 8]	0.0000	0.0000	-73.0272	32.2682	-113.0484	0.0000
Beam 48: End 1: 30: SLU09 [Combination 9]	0.0000	0.0000	-143.8450	317.7395	-98.6476	0.0000
Beam 48: End 1: 31: SLU10 [Combination 10]	0.0000	0.0000	-101.4533	457.9533	-154.2248	0.0000
Beam 48: End 1: 32: SLU11 [Combination 11]	0.0000	0.0000	-148.3910	446.3369	-83.1230	0.0000
Beam 48: End 1: 33: SLU12 [Combination 12]	0.0000	0.0000	-115.9074	310.1963	-121.9271	0.0000
Beam 48: End 1: 34: SLU13 [Combination 13]	0.0000	0.0000	-164.6149	219.6396	-100.4438	0.0000
Beam 48: End 1: 35: SLU14 [Combination 14]	0.0000	0.0000	-157.9172	339.2304	-55.4660	0.0000
Beam 48: End 1: 36: SLU15 [Combination 15]	0.0000	0.0000	-139.5468	256.5187	-79.7910	0.0000
Beam 48: End 1: 37: SLU16 [Combination 16]	0.0000	0.0000	-177.5156	202.3124	-111.0145	0.0000
Beam 48: End 1: 38: SLU17 [Combination 17]	0.0000	0.0000	-174.2152	196.6776	-141.2633	0.0000
Beam 48: End 1: 39: SLU18 [Combination 18]	0.0000	0.0000	-66.5863	98.6939	-124.2777	0.0000
Beam 48: End 1: 40: SLU19 [Combination 19]	0.0000	0.0000	-187.2607	243.1546	-99.3732	0.0000
Beam 48: End 1: 41: SLU20 [Combination 20]	0.0000	0.0000	-67.5907	40.1876	-108.5266	0.0000
Beam 48: End 1: 42: SLU21 [Combination 21]	0.0000	0.0000	-126.5958	287.4957	-94.1180	0.0000
Beam 48: End 1: 43: SLU22 [Combination 22]	0.0000	0.0000	-92.2517	419.4434	-139.6962	0.0000
Beam 48: End 1: 44: SLU23 [Combination 23]	0.0000	0.0000	-132.2292	414.5093	-79.4977	0.0000
Beam 48: End 1: 45: SLU24 [Combination 24]	0.0000	0.0000	-99.7455	278.3687	-118.3019	0.0000
Beam 48: End 1: 46: SLU25 [Combination 25]	0.0000	0.0000	-169.4871	274.9691	-107.1235	0.0000
Beam 48: End 1: 47: SLU26 [Combination 26]	0.0000	0.0000	-152.2379	244.7254	-102.5938	0.0000
Beam 48: End 1: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	-101.6708	79.7003	-177.6772	0.0000
Beam 48: End 1: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	-98.5733	69.6932	-177.6752	0.0000
Beam 48: End 1: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	-51.3402	195.1179	-95.2612	0.0000
Beam 48: End 1: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	-48.2427	185.1108	-95.2592	0.0000
Beam 48: End 1: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	-79.3966	154.0040	-99.6034	0.0000
Beam 48: End 1: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	-69.0715	120.6471	-99.5966	0.0000

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
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Beam 48: End 1: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	-64.2974	188.6293	-74.8786
0.0000					
Beam 48: End 1: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	-53.9723	155.2724	-74.8718
0.0000					
Beam 48: End 1: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	-99.0274	75.9721	-176.9644
0.0000					
Beam 48: End 1: 57: SLU_SISMA10 [Combination 36]	0.0000	0.0000	-95.9299	65.9650	-176.9624
0.0000					
Beam 48: End 1: 58: SLU_SISMA11 [Combination 37]	0.0000	0.0000	-48.6968	191.3897	-94.5484
0.0000					
Beam 48: End 1: 59: SLU_SISMA12 [Combination 38]	0.0000	0.0000	-45.5993	181.3826	-94.5464
0.0000					
Beam 48: End 1: 60: SLU_SISMA13 [Combination 39]	0.0000	0.0000	-76.7532	150.2758	-98.8906
0.0000					
Beam 48: End 1: 61: SLU_SISMA14 [Combination 40]	0.0000	0.0000	-66.4281	116.9189	-98.8838
0.0000					
Beam 48: End 1: 62: SLU_SISMA15 [Combination 41]	0.0000	0.0000	-61.6540	184.9011	-74.1658
0.0000					
Beam 48: End 1: 63: SLU_SISMA16 [Combination 42]	0.0000	0.0000	-51.3289	151.5441	-74.1590
0.0000					
Beam 48: End 1: 64: SLE_RARA01 [Combination 43]	0.0000	0.0000	-52.7955	269.6568	-119.8046
0.0000					
Beam 48: End 1: 65: SLE_RARA02 [Combination 44]	0.0000	0.0000	-98.0554	117.4582	-154.7318
0.0000					
Beam 48: End 1: 66: SLE_RARA03 [Combination 45]	0.0000	0.0000	-129.3927	207.8934	-65.7259
0.0000					
Beam 48: End 1: 67: SLE_RARA04 [Combination 46]	0.0000	0.0000	-45.7762	251.0059	-109.6461
0.0000					
Beam 48: End 1: 68: SLE_RARA05 [Combination 47]	0.0000	0.0000	-88.9223	102.3539	-143.8692
0.0000					
Beam 48: End 1: 69: SLE_RARA06 [Combination 48]	0.0000	0.0000	-118.8190	192.9805	-62.8748
0.0000					

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Beam 48: End 1: 70: SLE_RARA07 [Combination 49]	0.0000	0.0000	-123.6488	217.4662	-75.1917	
0.0000						
Beam 48: End 1: 71: SLE_RARA08 [Combination 50]	0.0000	0.0000	-111.7528	196.6085	-72.0678	
0.0000						
Beam 48: End 1: 72: SLE_QPERM01 [Combination 51]	0.0000	0.0000	-28.5455	95.6028	-76.2088	
0.0000						
Beam 48: End 1: 73: SLE_FREQ01 [Combination 52]	0.0000	0.0000	-105.7503	193.7584	-71.8554	
0.0000						
Beam 48: End 1: 74: SLE_FREQ02 [Combination 53]	0.0000	0.0000	-96.2336	177.0722	-69.3563	
0.0000						
Beam 48: End 1: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	206.4254	457.9533	177.6772	
0.0000						
Beam 48: End 1: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	206.4254	457.9533	154.2248	
0.0000						
Beam 48: End 1: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	101.6708	195.1179	177.6772	
0.0000						
Beam 48: End 1: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	129.3927	269.6568	154.7318	
0.0000						
Beam 48: End 1: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	105.7503	193.7584	71.8554	
0.0000						
Beam 48: End 1: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	28.5455	95.6028	76.2088	
0.0000						
Beam 48: End 2: 1: PP	0.0000	0.0000	-30.5970	93.4043	38.0766	0.0000
Beam 48: End 2: 2: PERM	0.0000	0.0000	-42.1142	4.3125	2.3418	0.0000
Beam 48: End 2: 3: SPTSX	0.0000	0.0000	-33.7834	-104.1597	-27.0753	0.0000
Beam 48: End 2: 4: SPTDX	0.0000	0.0000	9.4298	0.1199	-86.4252	0.0000
Beam 48: End 2: 5: SPTW	0.0000	0.0000	-3.0756	-8.7441	-3.1266	0.0000
Beam 48: End 2: 6: ACC_LM71	0.0000	0.0000	-139.1343	-7.5550	-0.0311	0.0000
Beam 48: End 2: 7: ACC_SW2	0.0000	0.0000	-115.1636	-6.2534	-0.0258	0.0000
Beam 48: End 2: 8: SPACCSX_LM71	0.0000	0.0000	-21.7800	-69.1908	-18.1165	0.0000
Beam 48: End 2: 9: SPACCDX_LM71	0.0000	0.0000	10.4664	19.4081	-58.1766	0.0000
Beam 48: End 2: 10: SPACCSX_SW2	0.0000	0.0000	-18.0307	-57.2804	-14.9980	0.0000

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Beam 48: End 2: 11: SPACCDX_SW2	0.0000	0.0000	8.6656	16.0715	-48.1623	0.0000
Beam 48: End 2: 12: AVV_LM71	0.0000	0.0000	-36.4083	-123.7114	-28.2449	0.0000
Beam 48: End 2: 13: FREN_SW2	0.0000	0.0000	-35.0872	-119.2224	-27.2200	0.0000
Beam 48: End 2: 14: SERP	0.0000	0.0000	-0.1107	-0.3763	-0.0859	0.0000
Beam 48: End 2: 15: TERM	0.0000	0.0000	10.8279	-26.7563	-12.9347	0.0000
Beam 48: End 2: 16: RITIRO	0.0000	0.0000	-8.0848	19.9780	9.6579	0.0000
Beam 48: End 2: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Beam 48: End 2: 18: SISMA_H	0.0000	0.0000	-53.9200	-176.7613	-24.4070	0.0000
Beam 48: End 2: 19: SISMA_V	0.0000	0.0000	-15.1901	-0.8248	-0.0034	0.0000
Beam 48: End 2: 20: SPSSX	0.0000	0.0000	-40.5723	-127.8553	-33.4044	0.0000
Beam 48: End 2: 21: SPSDX	0.0000	0.0000	16.9371	23.6810	-107.2544	0.0000
Beam 48: End 2: 22: SLU01 [Combination 1]	0.0000	0.0000	-418.0243	-270.8824	-128.9803	0.0000
Beam 48: End 2: 23: SLU02 [Combination 2]	0.0000	0.0000	-405.8902	-122.5015	-79.4807	0.0000
Beam 48: End 2: 24: SLU03 [Combination 3]	0.0000	0.0000	-387.5198	-173.6162	-103.8057	0.0000
Beam 48: End 2: 25: SLU04 [Combination 4]	0.0000	0.0000	-430.9250	-310.3987	-139.5510	0.0000
Beam 48: End 2: 26: SLU05 [Combination 5]	0.0000	0.0000	-427.6246	-310.3567	-169.7998	0.0000
Beam 48: End 2: 27: SLU06 [Combination 6]	0.0000	0.0000	-173.0878	-120.0205	-128.7995	0.0000
Beam 48: End 2: 28: SLU07 [Combination 7]	0.0000	0.0000	-440.6701	-286.3181	-127.9097	0.0000
Beam 48: End 2: 29: SLU08 [Combination 8]	0.0000	0.0000	-144.6222	-154.9102	-113.0484	0.0000
Beam 48: End 2: 30: SLU09 [Combination 9]	0.0000	0.0000	-378.0896	-131.1243	-98.6476	0.0000
Beam 48: End 2: 31: SLU10 [Combination 10]	0.0000	0.0000	-335.6979	82.0033	-154.2248	0.0000
Beam 48: End 2: 32: SLU11 [Combination 11]	0.0000	0.0000	-382.6357	-10.3460	-83.1230	0.0000
Beam 48: End 2: 33: SLU12 [Combination 12]	0.0000	0.0000	-350.1521	-90.6148	-121.9271	0.0000
Beam 48: End 2: 34: SLU13 [Combination 13]	0.0000	0.0000	-375.9148	-245.2160	-122.9646	0.0000
Beam 48: End 2: 35: SLU14 [Combination 14]	0.0000	0.0000	-369.2171	-114.1051	-77.9868	0.0000
Beam 48: End 2: 36: SLU15 [Combination 15]	0.0000	0.0000	-350.8467	-165.2198	-102.3119	0.0000
Beam 48: End 2: 37: SLU16 [Combination 16]	0.0000	0.0000	-388.8154	-284.7323	-133.5353	0.0000
Beam 48: End 2: 38: SLU17 [Combination 17]	0.0000	0.0000	-385.5150	-284.6903	-163.7841	0.0000
Beam 48: End 2: 39: SLU18 [Combination 18]	0.0000	0.0000	-167.6513	-102.7505	-124.2777	0.0000
Beam 48: End 2: 40: SLU19 [Combination 19]	0.0000	0.0000	-398.5605	-260.6517	-121.8940	0.0000

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Beam 48: End 2: 41: SLU20 [Combination 20]	0.0000	0.0000	-139.1857	-137.6402	-108.5266	0.0000
Beam 48: End 2: 42: SLU21 [Combination 21]	0.0000	0.0000	-337.8956	-111.9669	-94.1180	0.0000
Beam 48: End 2: 43: SLU22 [Combination 22]	0.0000	0.0000	-303.5516	79.0525	-139.6962	0.0000
Beam 48: End 2: 44: SLU23 [Combination 23]	0.0000	0.0000	-343.5290	5.3573	-79.4977	0.0000
Beam 48: End 2: 45: SLU24 [Combination 24]	0.0000	0.0000	-311.0454	-74.9115	-118.3019	0.0000
Beam 48: End 2: 46: SLU25 [Combination 25]	0.0000	0.0000	-403.7317	-217.9991	-118.4550	0.0000
Beam 48: End 2: 47: SLU26 [Combination 26]	0.0000	0.0000	-363.5378	-198.8417	-113.9253	0.0000
Beam 48: End 2: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	-194.6437	-175.1302	-201.0245	0.0000
Beam 48: End 2: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	-185.5296	-174.6353	-201.0225	0.0000
Beam 48: End 2: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	-144.3131	26.8560	-78.3605	0.0000
Beam 48: End 2: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	-135.1990	27.3509	-78.3584	0.0000
Beam 48: End 2: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	-179.3888	-68.5514	-108.8639	0.0000
Beam 48: End 2: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	-149.0085	-66.9018	-108.8571	0.0000
Beam 48: End 2: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	-164.2896	-7.9555	-72.0647	0.0000
Beam 48: End 2: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	-133.9093	-6.3059	-72.0579	0.0000
Beam 48: End 2: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	-188.8355	-171.5900	-200.1947	0.0000
Beam 48: End 2: 57: SLU_SISMA10 [Combination 36]	0.0000	0.0000	-179.7214	-171.0951	-200.1927	0.0000
Beam 48: End 2: 58: SLU_SISMA11 [Combination 37]	0.0000	0.0000	-138.5049	30.3962	-77.5307	0.0000
Beam 48: End 2: 59: SLU_SISMA12 [Combination 38]	0.0000	0.0000	-129.3908	30.8911	-77.5287	0.0000

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Beam 48: End 2: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	-173.5806	-65.0112	-108.0341
Beam 48: End 2: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	-143.2003	-63.3616	-108.0273
Beam 48: End 2: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	-158.4814	-4.4153	-71.2349
Beam 48: End 2: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	-128.1011	-2.7657	-71.2281
Beam 48: End 2: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	-197.8689	54.0855	-106.9114
Beam 48: End 2: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	-243.1288	-175.9602	-167.6250
Beam 48: End 2: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	-274.4661	-139.4251	-78.6191
Beam 48: End 2: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	-178.1904	58.3946	-97.2208
Beam 48: End 2: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	-221.3365	-164.4687	-156.2945
Beam 48: End 2: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	-251.2332	-125.2644	-75.3000
Beam 48: End 2: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	-287.0918	-135.7707	-83.0065
Beam 48: End 2: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	-259.3718	-122.5587	-79.8826
Beam 48: End 2: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	-100.1405	-15.0672	-76.2088
Beam 48: End 2: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	-250.8237	-112.8953	-78.3412
Beam 48: End 2: 74: SLE_FREQ02 [Combination 53] 0.0000	0.0000	0.0000	-228.6478	-102.3257	-75.8421
Beam 48: End 2: 75: SLU/SLV [Absolute Envelope 1] 0.0000	0.0000	0.0000	440.6701	310.3987	201.0245

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Beam 48: End 2: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	440.6701	310.3987	169.7998	
0.0000						
Beam 48: End 2: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	194.6437	175.1302	201.0245	
0.0000						
Beam 48: End 2: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	287.0918	175.9602	167.6250	
0.0000						
Beam 48: End 2: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	250.8237	112.8953	78.3412	
0.0000						
Beam 48: End 2: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	100.1405	15.0672	76.2088	
0.0000						
Beam 49: End 1: 1: PP	0.0000	0.0000	-30.5970	93.4043	38.0766	0.0000
Beam 49: End 1: 2: PERM	0.0000	0.0000	-42.1142	4.3125	2.3418	0.0000
Beam 49: End 1: 3: SPTSX	0.0000	0.0000	-33.7834	-104.1597	-27.0753	0.0000
Beam 49: End 1: 4: SPTDX	0.0000	0.0000	9.4298	0.1199	-86.4252	0.0000
Beam 49: End 1: 5: SPTW	0.0000	0.0000	-3.0756	-8.7441	-3.1266	0.0000
Beam 49: End 1: 6: ACC_LM71	0.0000	0.0000	-139.1343	-7.5550	-0.0311	0.0000
Beam 49: End 1: 7: ACC_SW2	0.0000	0.0000	-115.1636	-6.2534	-0.0258	0.0000
Beam 49: End 1: 8: SPACCSX_LM71	0.0000	0.0000	-21.7800	-69.1908	-18.1165	0.0000
Beam 49: End 1: 9: SPACCDX_LM71	0.0000	0.0000	10.4664	19.4081	-58.1766	0.0000
Beam 49: End 1: 10: SPACCSX_SW2	0.0000	0.0000	-18.0307	-57.2804	-14.9980	0.0000
Beam 49: End 1: 11: SPACCDX_SW2	0.0000	0.0000	8.6656	16.0715	-48.1623	0.0000
Beam 49: End 1: 12: AVV_LM71	0.0000	0.0000	-36.4083	-123.7114	-28.2449	0.0000
Beam 49: End 1: 13: FREN_SW2	0.0000	0.0000	-35.0872	-119.2224	-27.2200	0.0000
Beam 49: End 1: 14: SERP	0.0000	0.0000	-0.1107	-0.3763	-0.0859	0.0000
Beam 49: End 1: 15: TERM	0.0000	0.0000	10.8279	-26.7563	-12.9347	0.0000
Beam 49: End 1: 16: RITIRO	0.0000	0.0000	-8.0848	19.9780	9.6579	0.0000
Beam 49: End 1: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Beam 49: End 1: 18: SISMA_H	0.0000	0.0000	-53.9200	-176.7613	-24.4070	0.0000
Beam 49: End 1: 19: SISMA_V	0.0000	0.0000	-15.1901	-0.8248	-0.0034	0.0000
Beam 49: End 1: 20: SPSSX	0.0000	0.0000	-40.5723	-127.8553	-33.4044	0.0000
Beam 49: End 1: 21: SPSDX	0.0000	0.0000	16.9371	23.6810	-107.2544	0.0000

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		IN17	12	EI2CLSL1000001	A

Beam 49: End 1: 22: SLU01 [Combination 1]	0.0000	0.0000	-418.0243	-270.8824	-128.9803	0.0000
Beam 49: End 1: 23: SLU02 [Combination 2]	0.0000	0.0000	-405.8902	-122.5015	-79.4807	0.0000
Beam 49: End 1: 24: SLU03 [Combination 3]	0.0000	0.0000	-387.5198	-173.6162	-103.8057	0.0000
Beam 49: End 1: 25: SLU04 [Combination 4]	0.0000	0.0000	-430.9250	-310.3987	-139.5510	0.0000
Beam 49: End 1: 26: SLU05 [Combination 5]	0.0000	0.0000	-427.6246	-310.3567	-169.7998	0.0000
Beam 49: End 1: 27: SLU06 [Combination 6]	0.0000	0.0000	-173.0878	-120.0205	-128.7995	0.0000
Beam 49: End 1: 28: SLU07 [Combination 7]	0.0000	0.0000	-440.6701	-286.3181	-127.9097	0.0000
Beam 49: End 1: 29: SLU08 [Combination 8]	0.0000	0.0000	-144.6222	-154.9102	-113.0484	0.0000
Beam 49: End 1: 30: SLU09 [Combination 9]	0.0000	0.0000	-378.0896	-131.1243	-98.6476	0.0000
Beam 49: End 1: 31: SLU10 [Combination 10]	0.0000	0.0000	-335.6979	82.0033	-154.2248	0.0000
Beam 49: End 1: 32: SLU11 [Combination 11]	0.0000	0.0000	-382.6357	-10.3460	-83.1230	0.0000
Beam 49: End 1: 33: SLU12 [Combination 12]	0.0000	0.0000	-350.1521	-90.6148	-121.9271	0.0000
Beam 49: End 1: 34: SLU13 [Combination 13]	0.0000	0.0000	-375.9148	-245.2160	-122.9646	0.0000
Beam 49: End 1: 35: SLU14 [Combination 14]	0.0000	0.0000	-369.2171	-114.1051	-77.9868	0.0000
Beam 49: End 1: 36: SLU15 [Combination 15]	0.0000	0.0000	-350.8467	-165.2198	-102.3119	0.0000
Beam 49: End 1: 37: SLU16 [Combination 16]	0.0000	0.0000	-388.8154	-284.7323	-133.5353	0.0000
Beam 49: End 1: 38: SLU17 [Combination 17]	0.0000	0.0000	-385.5150	-284.6903	-163.7841	0.0000
Beam 49: End 1: 39: SLU18 [Combination 18]	0.0000	0.0000	-167.6513	-102.7505	-124.2777	0.0000
Beam 49: End 1: 40: SLU19 [Combination 19]	0.0000	0.0000	-398.5605	-260.6517	-121.8940	0.0000
Beam 49: End 1: 41: SLU20 [Combination 20]	0.0000	0.0000	-139.1857	-137.6402	-108.5266	0.0000
Beam 49: End 1: 42: SLU21 [Combination 21]	0.0000	0.0000	-337.8956	-111.9669	-94.1180	0.0000
Beam 49: End 1: 43: SLU22 [Combination 22]	0.0000	0.0000	-303.5516	79.0525	-139.6962	0.0000
Beam 49: End 1: 44: SLU23 [Combination 23]	0.0000	0.0000	-343.5290	5.3573	-79.4977	0.0000
Beam 49: End 1: 45: SLU24 [Combination 24]	0.0000	0.0000	-311.0454	-74.9115	-118.3019	0.0000
Beam 49: End 1: 46: SLU25 [Combination 25]	0.0000	0.0000	-403.7317	-217.9991	-118.4550	0.0000
Beam 49: End 1: 47: SLU26 [Combination 26]	0.0000	0.0000	-363.5378	-198.8417	-113.9253	0.0000
Beam 49: End 1: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	-194.6437	-175.1302	-201.0245	0.0000
Beam 49: End 1: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	-185.5296	-174.6353	-201.0225	0.0000

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
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Beam 49: End 1: 50: SLU_SISMA03 [Combination 29] 0.0000	0.0000	0.0000	-144.3131	26.8560	-78.3605
Beam 49: End 1: 51: SLU_SISMA04 [Combination 30] 0.0000	0.0000	0.0000	-135.1990	27.3509	-78.3584
Beam 49: End 1: 52: SLU_SISMA05 [Combination 31] 0.0000	0.0000	0.0000	-179.3888	-68.5514	-108.8639
Beam 49: End 1: 53: SLU_SISMA06 [Combination 32] 0.0000	0.0000	0.0000	-149.0085	-66.9018	-108.8571
Beam 49: End 1: 54: SLU_SISMA07 [Combination 33] 0.0000	0.0000	0.0000	-164.2896	-7.9555	-72.0647
Beam 49: End 1: 55: SLU_SISMA08 [Combination 34] 0.0000	0.0000	0.0000	-133.9093	-6.3059	-72.0579
Beam 49: End 1: 56: SLU_SISMA09 [Combination 35] 0.0000	0.0000	0.0000	-188.8355	-171.5900	-200.1947
Beam 49: End 1: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	-179.7214	-171.0951	-200.1927
Beam 49: End 1: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	-138.5049	30.3962	-77.5307
Beam 49: End 1: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	-129.3908	30.8911	-77.5287
Beam 49: End 1: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	-173.5806	-65.0112	-108.0341
Beam 49: End 1: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	-143.2003	-63.3616	-108.0273
Beam 49: End 1: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	-158.4814	-4.4153	-71.2349
Beam 49: End 1: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	-128.1011	-2.7657	-71.2281
Beam 49: End 1: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	-197.8689	54.0855	-106.9114
Beam 49: End 1: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	-243.1288	-175.9602	-167.6250

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Beam 49: End 1: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	-274.4661	-139.4251	-78.6191	
Beam 49: End 1: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	-178.1904	58.3946	-97.2208	
Beam 49: End 1: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	-221.3365	-164.4687	-156.2945	
Beam 49: End 1: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	-251.2332	-125.2644	-75.3000	
Beam 49: End 1: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	-287.0918	-135.7707	-83.0065	
Beam 49: End 1: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	-259.3718	-122.5587	-79.8826	
Beam 49: End 1: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	-100.1405	-15.0672	-76.2088	
Beam 49: End 1: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	-250.8237	-112.8953	-78.3412	
Beam 49: End 1: 74: SLE_FREQ02 [Combination 53] 0.0000	0.0000	0.0000	-228.6478	-102.3257	-75.8421	
Beam 49: End 1: 75: SLU/SLV [Absolute Envelope 1] 0.0000	0.0000	0.0000	440.6701	310.3987	201.0245	
Beam 49: End 1: 76: SLU [Absolute Envelope 2] 0.0000	0.0000	0.0000	440.6701	310.3987	169.7998	
Beam 49: End 1: 77: SLV [Absolute Envelope 3] 0.0000	0.0000	0.0000	194.6437	175.1302	201.0245	
Beam 49: End 1: 78: SLE R [Absolute Envelope 4] 0.0000	0.0000	0.0000	287.0918	175.9602	167.6250	
Beam 49: End 1: 79: SLE F [Absolute Envelope 5] 0.0000	0.0000	0.0000	250.8237	112.8953	78.3412	
Beam 49: End 1: 80: SLE QP [Absolute Envelope 6] 0.0000	0.0000	0.0000	100.1405	15.0672	76.2088	
Beam 49: End 2: 1: PP	0.0000	0.0000	-36.7283	84.9886	38.0766	0.0000
Beam 49: End 2: 2: PERM	0.0000	0.0000	-46.3892	-6.7505	2.3418	0.0000

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Beam 49: End 2: 3: SPTSX	0.0000	0.0000	-33.7834	-112.6056	-27.0753	0.0000
Beam 49: End 2: 4: SPTDX	0.0000	0.0000	9.4298	2.4773	-86.4252	0.0000
Beam 49: End 2: 5: SPTW	0.0000	0.0000	-3.0756	-9.5130	-3.1266	0.0000
Beam 49: End 2: 6: ACC_LM71	0.0000	0.0000	-152.4843	-44.0073	-0.0311	0.0000
Beam 49: End 2: 7: ACC_SW2	0.0000	0.0000	-126.2136	-36.4256	-0.0258	0.0000
Beam 49: End 2: 8: SPACCSX_LM71	0.0000	0.0000	-21.7800	-74.6358	-18.1165	0.0000
Beam 49: End 2: 9: SPACCDX_LM71	0.0000	0.0000	10.4664	22.0247	-58.1766	0.0000
Beam 49: End 2: 10: SPACCSX_SW2	0.0000	0.0000	-18.0307	-61.7881	-14.9980	0.0000
Beam 49: End 2: 11: SPACCDX_SW2	0.0000	0.0000	8.6656	18.2379	-48.1623	0.0000
Beam 49: End 2: 12: AVV_LM71	0.0000	0.0000	-36.4083	-132.8134	-30.5874	0.0000
Beam 49: End 2: 13: FREN_SW2	0.0000	0.0000	-35.0872	-127.9942	-29.4775	0.0000
Beam 49: End 2: 14: SERP	0.0000	0.0000	-0.1107	-0.4040	-0.0930	0.0000
Beam 49: End 2: 15: TERM	0.0000	0.0000	10.8279	-24.0493	-12.9347	0.0000
Beam 49: End 2: 16: RITIRO	0.0000	0.0000	-8.0848	17.9568	9.6579	0.0000
Beam 49: End 2: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Beam 49: End 2: 18: SISMA_H	0.0000	0.0000	-53.9200	-190.2413	-27.3320	0.0000
Beam 49: End 2: 19: SISMA_V	0.0000	0.0000	-16.6476	-4.8045	-0.0034	0.0000
Beam 49: End 2: 20: SPSSX	0.0000	0.0000	-40.5723	-137.9984	-33.4044	0.0000
Beam 49: End 2: 21: SPSDX	0.0000	0.0000	16.9371	27.9153	-107.2544	0.0000
Beam 49: End 2: 22: SLU01 [Combination 1]	0.0000	0.0000	-452.0715	-379.6443	-132.3769	0.0000
Beam 49: End 2: 23: SLU02 [Combination 2]	0.0000	0.0000	-439.9374	-228.2299	-82.8773	0.0000
Beam 49: End 2: 24: SLU03 [Combination 3]	0.0000	0.0000	-421.5670	-274.7520	-107.2024	0.0000
Beam 49: End 2: 25: SLU04 [Combination 4]	0.0000	0.0000	-464.9722	-422.3859	-142.9476	0.0000
Beam 49: End 2: 26: SLU05 [Combination 5]	0.0000	0.0000	-461.6718	-421.5188	-173.1964	0.0000
Beam 49: End 2: 27: SLU06 [Combination 6]	0.0000	0.0000	-187.7775	-165.1287	-128.7995	0.0000
Beam 49: End 2: 28: SLU07 [Combination 7]	0.0000	0.0000	-474.7173	-400.7415	-131.3064	0.0000
Beam 49: End 2: 29: SLU08 [Combination 8]	0.0000	0.0000	-155.0284	-192.3665	-113.0484	0.0000
Beam 49: End 2: 30: SLU09 [Combination 9]	0.0000	0.0000	-412.1368	-229.9026	-98.6476	0.0000
Beam 49: End 2: 31: SLU10 [Combination 10]	0.0000	0.0000	-369.7451	-6.1771	-154.2248	0.0000
Beam 49: End 2: 32: SLU11 [Combination 11]	0.0000	0.0000	-416.6829	-110.2609	-83.1230	0.0000

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
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Beam 49: End 2: 33: SLU12 [Combination 12]	0.0000	0.0000	-384.1993	-182.4088	-121.9271	0.0000
Beam 49: End 2: 34: SLU13 [Combination 13]	0.0000	0.0000	-406.6269	-343.0337	-126.2380	0.0000
Beam 49: End 2: 35: SLU14 [Combination 14]	0.0000	0.0000	-399.9293	-210.2484	-81.2602	0.0000
Beam 49: End 2: 36: SLU15 [Combination 15]	0.0000	0.0000	-381.5589	-256.7705	-105.5852	0.0000
Beam 49: End 2: 37: SLU16 [Combination 16]	0.0000	0.0000	-419.5276	-385.7752	-136.8087	0.0000
Beam 49: End 2: 38: SLU17 [Combination 17]	0.0000	0.0000	-416.2272	-384.9081	-167.0575	0.0000
Beam 49: End 2: 39: SLU18 [Combination 18]	0.0000	0.0000	-182.3410	-146.4995	-124.2777	0.0000
Beam 49: End 2: 40: SLU19 [Combination 19]	0.0000	0.0000	-429.2727	-364.1308	-125.1674	0.0000
Beam 49: End 2: 41: SLU20 [Combination 20]	0.0000	0.0000	-149.5920	-173.7374	-108.5266	0.0000
Beam 49: End 2: 42: SLU21 [Combination 21]	0.0000	0.0000	-368.6078	-200.2798	-94.1180	0.0000
Beam 49: End 2: 43: SLU22 [Combination 22]	0.0000	0.0000	-334.2638	-0.6744	-139.6962	0.0000
Beam 49: End 2: 44: SLU23 [Combination 23]	0.0000	0.0000	-374.2412	-84.3640	-79.4977	0.0000
Beam 49: End 2: 45: SLU24 [Combination 24]	0.0000	0.0000	-341.7576	-156.5119	-118.3019	0.0000
Beam 49: End 2: 46: SLU25 [Combination 25]	0.0000	0.0000	-437.7789	-323.1879	-120.1020	0.0000
Beam 49: End 2: 47: SLU26 [Combination 26]	0.0000	0.0000	-394.2500	-293.5652	-115.5724	0.0000
Beam 49: End 2: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	-208.1572	-225.4803	-204.4180	0.0000
Beam 49: End 2: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	-198.1686	-222.5976	-204.4160	0.0000
Beam 49: End 2: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	-157.8266	-10.9114	-75.9040	0.0000
Beam 49: End 2: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	-147.8380	-8.0287	-75.9019	0.0000
Beam 49: End 2: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	-193.9225	-115.2153	-110.2099	0.0000
Beam 49: End 2: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	-160.6273	-105.6062	-110.2031	0.0000
Beam 49: End 2: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	-178.8233	-50.8447	-71.6557	0.0000
Beam 49: End 2: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	-145.5281	-41.2356	-71.6489	0.0000

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Beam 49: End 2: 56: SLU_SISMA09 [Combination 35] 0.0000	0.0000	0.0000	-201.8890	-220.4306	-203.5712
Beam 49: End 2: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	-191.9004	-217.5479	-203.5692
Beam 49: End 2: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	-151.5584	-5.8617	-75.0572
Beam 49: End 2: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	-141.5698	-2.9790	-75.0552
Beam 49: End 2: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	-187.6543	-110.1656	-109.3631
Beam 49: End 2: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	-154.3590	-100.5565	-109.3563
Beam 49: End 2: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	-172.5551	-45.7949	-70.8089
Beam 49: End 2: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	-139.2599	-36.1858	-70.8021
Beam 49: End 2: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	-218.9551	1.9825	-105.0374
Beam 49: End 2: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	-264.2150	-239.3782	-169.4990
Beam 49: End 2: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	-295.5523	-210.6774	-80.4931
Beam 49: End 2: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	-197.4367	11.4412	-95.4148
Beam 49: End 2: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	-240.5828	-222.2086	-158.1005
Beam 49: End 2: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	-270.4795	-190.4784	-77.1060
Beam 49: End 2: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	-310.8481	-210.5132	-84.1424
Beam 49: End 2: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	-280.8281	-190.0837	-81.0185

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Beam 49: End 2: 72: SLE_QPERM01 [Combination 51]	0.0000	0.0000	-110.5468	-41.4031	-76.2088	
0.0000						
Beam 49: End 2: 73: SLE_FREQ01 [Combination 52]	0.0000	0.0000	-271.9100	-178.2370	-79.2839	
0.0000						
Beam 49: End 2: 74: SLE_FREQ02 [Combination 53]	0.0000	0.0000	-247.8940	-161.8934	-76.7848	
0.0000						
Beam 49: End 2: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	474.7173	422.3859	204.4180	
0.0000						
Beam 49: End 2: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	474.7173	422.3859	173.1964	
0.0000						
Beam 49: End 2: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	208.1572	225.4803	204.4180	
0.0000						
Beam 49: End 2: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	310.8481	239.3782	169.4990	
0.0000						
Beam 49: End 2: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	271.9100	178.2370	79.2839	
0.0000						
Beam 49: End 2: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	110.5468	41.4031	76.2088	
0.0000						
Beam 50: End 1: 1: PP	0.0000	0.0000	-36.7283	84.9886	38.0766	0.0000
Beam 50: End 1: 2: PERM	0.0000	0.0000	-46.3892	-6.7505	2.3418	0.0000
Beam 50: End 1: 3: SPTSX	0.0000	0.0000	-33.7834	-112.6056	-27.0753	0.0000
Beam 50: End 1: 4: SPTDX	0.0000	0.0000	9.4298	2.4773	-86.4252	0.0000
Beam 50: End 1: 5: SPTW	0.0000	0.0000	-3.0756	-9.5130	-3.1266	0.0000
Beam 50: End 1: 6: ACC_LM71	0.0000	0.0000	-152.4843	-44.0073	-0.0311	0.0000
Beam 50: End 1: 7: ACC_SW2	0.0000	0.0000	-126.2136	-36.4256	-0.0258	0.0000
Beam 50: End 1: 8: SPACCSX_LM71	0.0000	0.0000	-21.7800	-74.6358	-18.1165	0.0000
Beam 50: End 1: 9: SPACCDX_LM71	0.0000	0.0000	10.4664	22.0247	-58.1766	0.0000
Beam 50: End 1: 10: SPACCSX_SW2	0.0000	0.0000	-18.0307	-61.7881	-14.9980	0.0000
Beam 50: End 1: 11: SPACCDX_SW2	0.0000	0.0000	8.6656	18.2379	-48.1623	0.0000
Beam 50: End 1: 12: AVV_LM71	0.0000	0.0000	-36.4083	-132.8134	-30.5874	0.0000
Beam 50: End 1: 13: FREN_SW2	0.0000	0.0000	-35.0872	-127.9942	-29.4775	0.0000
Beam 50: End 1: 14: SERP	0.0000	0.0000	-0.1107	-0.4040	-0.0930	0.0000

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Beam 50: End 1: 15: TERM	0.0000	0.0000	10.8279	-24.0493	-12.9347	0.0000	
Beam 50: End 1: 16: RITIRO	0.0000	0.0000	-8.0848	17.9568	9.6579	0.0000	
Beam 50: End 1: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Beam 50: End 1: 18: SISMA_H	0.0000	0.0000	-53.9200	-190.2413	-27.3320	0.0000	
Beam 50: End 1: 19: SISMA_V	0.0000	0.0000	-16.6476	-4.8045	-0.0034	0.0000	
Beam 50: End 1: 20: SPSSX	0.0000	0.0000	-40.5723	-137.9984	-33.4044	0.0000	
Beam 50: End 1: 21: SPSPDX	0.0000	0.0000	16.9371	27.9153	-107.2544	0.0000	
Beam 50: End 1: 22: SLU01 [Combination 1]	0.0000	0.0000	-452.0715	-379.6443	-132.3769	0.0000	
Beam 50: End 1: 23: SLU02 [Combination 2]	0.0000	0.0000	-439.9374	-228.2299	-82.8773	0.0000	
Beam 50: End 1: 24: SLU03 [Combination 3]	0.0000	0.0000	-421.5670	-274.7520	-107.2024	0.0000	
Beam 50: End 1: 25: SLU04 [Combination 4]	0.0000	0.0000	-464.9722	-422.3859	-142.9476	0.0000	
Beam 50: End 1: 26: SLU05 [Combination 5]	0.0000	0.0000	-461.6718	-421.5188	-173.1964	0.0000	
Beam 50: End 1: 27: SLU06 [Combination 6]	0.0000	0.0000	-187.7775	-165.1287	-128.7995	0.0000	
Beam 50: End 1: 28: SLU07 [Combination 7]	0.0000	0.0000	-474.7173	-400.7415	-131.3064	0.0000	
Beam 50: End 1: 29: SLU08 [Combination 8]	0.0000	0.0000	-155.0284	-192.3665	-113.0484	0.0000	
Beam 50: End 1: 30: SLU09 [Combination 9]	0.0000	0.0000	-412.1368	-229.9026	-98.6476	0.0000	
Beam 50: End 1: 31: SLU10 [Combination 10]	0.0000	0.0000	-369.7451	-6.1771	-154.2248	0.0000	
Beam 50: End 1: 32: SLU11 [Combination 11]	0.0000	0.0000	-416.6829	-110.2609	-83.1230	0.0000	
Beam 50: End 1: 33: SLU12 [Combination 12]	0.0000	0.0000	-384.1993	-182.4088	-121.9271	0.0000	
Beam 50: End 1: 34: SLU13 [Combination 13]	0.0000	0.0000	-406.6269	-343.0337	-126.2380	0.0000	
Beam 50: End 1: 35: SLU14 [Combination 14]	0.0000	0.0000	-399.9293	-210.2484	-81.2602	0.0000	
Beam 50: End 1: 36: SLU15 [Combination 15]	0.0000	0.0000	-381.5589	-256.7705	-105.5852	0.0000	
Beam 50: End 1: 37: SLU16 [Combination 16]	0.0000	0.0000	-419.5276	-385.7752	-136.8087	0.0000	
Beam 50: End 1: 38: SLU17 [Combination 17]	0.0000	0.0000	-416.2272	-384.9081	-167.0575	0.0000	
Beam 50: End 1: 39: SLU18 [Combination 18]	0.0000	0.0000	-182.3410	-146.4995	-124.2777	0.0000	
Beam 50: End 1: 40: SLU19 [Combination 19]	0.0000	0.0000	-429.2727	-364.1308	-125.1674	0.0000	
Beam 50: End 1: 41: SLU20 [Combination 20]	0.0000	0.0000	-149.5920	-173.7374	-108.5266	0.0000	
Beam 50: End 1: 42: SLU21 [Combination 21]	0.0000	0.0000	-368.6078	-200.2798	-94.1180	0.0000	
Beam 50: End 1: 43: SLU22 [Combination 22]	0.0000	0.0000	-334.2638	-0.6744	-139.6962	0.0000	
Beam 50: End 1: 44: SLU23 [Combination 23]	0.0000	0.0000	-374.2412	-84.3640	-79.4977	0.0000	

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
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Beam 50: End 1: 45: SLU24 [Combination 24]	0.0000	0.0000	-341.7576	-156.5119	-118.3019	0.0000
Beam 50: End 1: 46: SLU25 [Combination 25]	0.0000	0.0000	-437.7789	-323.1879	-120.1020	0.0000
Beam 50: End 1: 47: SLU26 [Combination 26]	0.0000	0.0000	-394.2500	-293.5652	-115.5724	0.0000
Beam 50: End 1: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	-208.1572	-225.4803	-204.4180	0.0000
Beam 50: End 1: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	-198.1686	-222.5976	-204.4160	0.0000
Beam 50: End 1: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	-157.8266	-10.9114	-75.9040	0.0000
Beam 50: End 1: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	-147.8380	-8.0287	-75.9019	0.0000
Beam 50: End 1: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	-193.9225	-115.2153	-110.2099	0.0000
Beam 50: End 1: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	-160.6273	-105.6062	-110.2031	0.0000
Beam 50: End 1: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	-178.8233	-50.8447	-71.6557	0.0000
Beam 50: End 1: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	-145.5281	-41.2356	-71.6489	0.0000
Beam 50: End 1: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	-201.8890	-220.4306	-203.5712	0.0000
Beam 50: End 1: 57: SLU_SISMA10 [Combination 36]	0.0000	0.0000	-191.9004	-217.5479	-203.5692	0.0000
Beam 50: End 1: 58: SLU_SISMA11 [Combination 37]	0.0000	0.0000	-151.5584	-5.8617	-75.0572	0.0000
Beam 50: End 1: 59: SLU_SISMA12 [Combination 38]	0.0000	0.0000	-141.5698	-2.9790	-75.0552	0.0000
Beam 50: End 1: 60: SLU_SISMA13 [Combination 39]	0.0000	0.0000	-187.6543	-110.1656	-109.3631	0.0000
Beam 50: End 1: 61: SLU_SISMA14 [Combination 40]	0.0000	0.0000	-154.3590	-100.5565	-109.3563	0.0000

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Beam 50: End 1: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	-172.5551	-45.7949	-70.8089
Beam 50: End 1: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	-139.2599	-36.1858	-70.8021
Beam 50: End 1: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	-218.9551	1.9825	-105.0374
Beam 50: End 1: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	-264.2150	-239.3782	-169.4990
Beam 50: End 1: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	-295.5523	-210.6774	-80.4931
Beam 50: End 1: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	-197.4367	11.4412	-95.4148
Beam 50: End 1: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	-240.5828	-222.2086	-158.1005
Beam 50: End 1: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	-270.4795	-190.4784	-77.1060
Beam 50: End 1: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	-310.8481	-210.5132	-84.1424
Beam 50: End 1: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	-280.8281	-190.0837	-81.0185
Beam 50: End 1: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	-110.5468	-41.4031	-76.2088
Beam 50: End 1: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	-271.9100	-178.2370	-79.2839
Beam 50: End 1: 74: SLE_FREQ02 [Combination 53] 0.0000	0.0000	0.0000	-247.8940	-161.8934	-76.7848
Beam 50: End 1: 75: SLU/SLV [Absolute Envelope 1] 0.0000	0.0000	0.0000	474.7173	422.3859	204.4180
Beam 50: End 1: 76: SLU [Absolute Envelope 2] 0.0000	0.0000	0.0000	474.7173	422.3859	173.1964
Beam 50: End 1: 77: SLV [Absolute Envelope 3] 0.0000	0.0000	0.0000	208.1572	225.4803	204.4180

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Beam 50: End 1: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	310.8481	239.3782	169.4990	
0.0000						
Beam 50: End 1: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	271.9100	178.2370	79.2839	
0.0000						
Beam 50: End 1: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	110.5468	41.4031	76.2088	
0.0000						
Beam 50: End 2: 1: PP	0.0000	0.0000	-42.8595	75.0402	38.0766	0.0000
Beam 50: End 2: 2: PERM	0.0000	0.0000	-50.6642	-18.8822	2.3418	0.0000
Beam 50: End 2: 3: SPTSX	0.0000	0.0000	-33.7834	-121.0514	-27.0753	0.0000
Beam 50: End 2: 4: SPTDX	0.0000	0.0000	9.4298	4.8348	-86.4252	0.0000
Beam 50: End 2: 5: SPTW	0.0000	0.0000	-3.0756	-10.2819	-3.1266	0.0000
Beam 50: End 2: 6: ACC_LM71	0.0000	0.0000	-165.8343	-83.7972	-0.0311	0.0000
Beam 50: End 2: 7: ACC_SW2	0.0000	0.0000	-137.2636	-69.3602	-0.0258	0.0000
Beam 50: End 2: 8: SPACCSX_LM71	0.0000	0.0000	-21.7800	-80.0808	-18.1165	0.0000
Beam 50: End 2: 9: SPACCDX_LM71	0.0000	0.0000	10.4664	24.6413	-58.1766	0.0000
Beam 50: End 2: 10: SPACCSX_SW2	0.0000	0.0000	-18.0307	-66.2958	-14.9980	0.0000
Beam 50: End 2: 11: SPACCDX_SW2	0.0000	0.0000	8.6656	20.4043	-48.1623	0.0000
Beam 50: End 2: 12: AVV_LM71	0.0000	0.0000	-36.4083	-141.9155	-32.9299	0.0000
Beam 50: End 2: 13: FREN_SW2	0.0000	0.0000	-35.0872	-136.7660	-31.7350	0.0000
Beam 50: End 2: 14: SERP	0.0000	0.0000	-0.1107	-0.4317	-0.1002	0.0000
Beam 50: End 2: 15: TERM	0.0000	0.0000	10.8279	-21.3423	-12.9347	0.0000
Beam 50: End 2: 16: RITIRO	0.0000	0.0000	-8.0848	15.9356	9.6579	0.0000
Beam 50: End 2: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Beam 50: End 2: 18: SISMA_H	0.0000	0.0000	-53.9200	-203.7213	-30.2570	0.0000
Beam 50: End 2: 19: SISMA_V	0.0000	0.0000	-18.1051	-9.1486	-0.0034	0.0000
Beam 50: End 2: 20: SPSSX	0.0000	0.0000	-40.5723	-148.1415	-33.4044	0.0000
Beam 50: End 2: 21: SPSDX	0.0000	0.0000	16.9371	32.1496	-107.2544	0.0000
Beam 50: End 2: 22: SLU01 [Combination 1]	0.0000	0.0000	-486.1187	-496.9181	-135.7736	0.0000
Beam 50: End 2: 23: SLU02 [Combination 2]	0.0000	0.0000	-473.9846	-342.4702	-86.2739	0.0000
Beam 50: End 2: 24: SLU03 [Combination 3]	0.0000	0.0000	-455.6142	-384.3997	-110.5990	0.0000
Beam 50: End 2: 25: SLU04 [Combination 4]	0.0000	0.0000	-499.0194	-542.8848	-146.3442	0.0000

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Beam 50: End 2: 26: SLU05 [Combination 5]	0.0000	0.0000	-495.7190	-541.1926	-176.5931	0.0000
Beam 50: End 2: 27: SLU06 [Combination 6]	0.0000	0.0000	-202.4672	-213.9092	-128.7995	0.0000
Beam 50: End 2: 28: SLU07 [Combination 7]	0.0000	0.0000	-508.7645	-523.6767	-134.7030	0.0000
Beam 50: End 2: 29: SLU08 [Combination 8]	0.0000	0.0000	-165.4347	-232.4244	-113.0484	0.0000
Beam 50: End 2: 30: SLU09 [Combination 9]	0.0000	0.0000	-446.1840	-337.1927	-98.6476	0.0000
Beam 50: End 2: 31: SLU10 [Combination 10]	0.0000	0.0000	-403.7923	-102.8693	-154.2248	0.0000
Beam 50: End 2: 32: SLU11 [Combination 11]	0.0000	0.0000	-450.7301	-218.6875	-83.1230	0.0000
Beam 50: End 2: 33: SLU12 [Combination 12]	0.0000	0.0000	-418.2464	-282.7145	-121.9271	0.0000
Beam 50: End 2: 34: SLU13 [Combination 13]	0.0000	0.0000	-437.3391	-448.5294	-129.5113	0.0000
Beam 50: End 2: 35: SLU14 [Combination 14]	0.0000	0.0000	-430.6415	-314.0697	-84.5335	0.0000
Beam 50: End 2: 36: SLU15 [Combination 15]	0.0000	0.0000	-412.2711	-355.9992	-108.8586	0.0000
Beam 50: End 2: 37: SLU16 [Combination 16]	0.0000	0.0000	-450.2398	-494.4961	-140.0820	0.0000
Beam 50: End 2: 38: SLU17 [Combination 17]	0.0000	0.0000	-446.9394	-492.8039	-170.3309	0.0000
Beam 50: End 2: 39: SLU18 [Combination 18]	0.0000	0.0000	-197.0307	-193.9210	-124.2777	0.0000
Beam 50: End 2: 40: SLU19 [Combination 19]	0.0000	0.0000	-459.9849	-475.2880	-128.4408	0.0000
Beam 50: End 2: 41: SLU20 [Combination 20]	0.0000	0.0000	-159.9982	-212.4361	-108.5266	0.0000
Beam 50: End 2: 42: SLU21 [Combination 21]	0.0000	0.0000	-399.3200	-296.2708	-94.1180	0.0000
Beam 50: End 2: 43: SLU22 [Combination 22]	0.0000	0.0000	-364.9760	-88.0794	-139.6962	0.0000
Beam 50: End 2: 44: SLU23 [Combination 23]	0.0000	0.0000	-404.9534	-181.7633	-79.4977	0.0000
Beam 50: End 2: 45: SLU24 [Combination 24]	0.0000	0.0000	-372.4698	-245.7903	-118.3019	0.0000
Beam 50: End 2: 46: SLU25 [Combination 25]	0.0000	0.0000	-471.8261	-436.8885	-121.7490	0.0000
Beam 50: End 2: 47: SLU26 [Combination 26]	0.0000	0.0000	-424.9621	-395.9667	-117.2194	0.0000
Beam 50: End 2: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	-221.6707	-279.2088	-207.8115	0.0000
Beam 50: End 2: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	-210.8076	-273.7196	-207.8095	0.0000
Beam 50: End 2: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	-171.3401	-52.0573	-73.4475	0.0000
Beam 50: End 2: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	-160.4770	-46.5681	-73.4454	0.0000

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Beam 50: End 2: 52: SLU_SISMA05 [Combination 31] 0.0000	0.0000	0.0000	-208.4563	-165.5127	-111.5559
Beam 50: End 2: 53: SLU_SISMA06 [Combination 32] 0.0000	0.0000	0.0000	-172.2460	-147.2154	-111.5491
Beam 50: End 2: 54: SLU_SISMA07 [Combination 33] 0.0000	0.0000	0.0000	-193.3571	-97.3672	-71.2467
Beam 50: End 2: 55: SLU_SISMA08 [Combination 34] 0.0000	0.0000	0.0000	-157.1468	-79.0699	-71.2399
Beam 50: End 2: 56: SLU_SISMA09 [Combination 35] 0.0000	0.0000	0.0000	-214.9425	-272.5345	-206.9477
Beam 50: End 2: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	-204.0794	-267.0453	-206.9457
Beam 50: End 2: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	-164.6119	-45.3830	-72.5837
Beam 50: End 2: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	-153.7488	-39.8938	-72.5817
Beam 50: End 2: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	-201.7281	-158.8384	-110.6921
Beam 50: End 2: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	-165.5178	-140.5411	-110.6853
Beam 50: End 2: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	-186.6289	-90.6929	-70.3829
Beam 50: End 2: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	-150.4186	-72.3956	-70.3761
Beam 50: End 2: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	-240.0414	-55.3921	-103.1634
Beam 50: End 2: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	-285.3013	-308.0677	-171.3730
Beam 50: End 2: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	-316.6386	-287.2013	-82.3671
Beam 50: End 2: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	-216.6829	-40.3238	-93.6088

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Beam 50: End 2: 68: SLE_RARA05 [Combination 47]	0.0000	0.0000	-259.8290	-284.7601	-159.9065	
0.0000						
Beam 50: End 2: 69: SLE_RARA06 [Combination 48]	0.0000	0.0000	-289.7257	-260.5041	-78.9120	
0.0000						
Beam 50: End 2: 70: SLE_RARA07 [Combination 49]	0.0000	0.0000	-334.6043	-291.1947	-85.2782	
0.0000						
Beam 50: End 2: 71: SLE_RARA08 [Combination 50]	0.0000	0.0000	-302.2843	-262.9728	-82.1544	
0.0000						
Beam 50: End 2: 72: SLE_QPERM01 [Combination 51]	0.0000	0.0000	-120.9530	-70.3406	-76.2088	
0.0000						
Beam 50: End 2: 73: SLE_FREQ01 [Combination 52]	0.0000	0.0000	-292.9962	-248.8503	-80.2266	
0.0000						
Beam 50: End 2: 74: SLE_FREQ02 [Combination 53]	0.0000	0.0000	-267.1403	-226.2727	-77.7275	
0.0000						
Beam 50: End 2: 75: SLU/SLV [Absolute Envelope 1]	0.0000	0.0000	508.7645	542.8848	207.8115	
0.0000						
Beam 50: End 2: 76: SLU [Absolute Envelope 2]	0.0000	0.0000	508.7645	542.8848	176.5931	
0.0000						
Beam 50: End 2: 77: SLV [Absolute Envelope 3]	0.0000	0.0000	221.6707	279.2088	207.8115	
0.0000						
Beam 50: End 2: 78: SLE R [Absolute Envelope 4]	0.0000	0.0000	334.6043	308.0677	171.3730	
0.0000						
Beam 50: End 2: 79: SLE F [Absolute Envelope 5]	0.0000	0.0000	292.9962	248.8503	80.2266	
0.0000						
Beam 50: End 2: 80: SLE QP [Absolute Envelope 6]	0.0000	0.0000	120.9530	70.3406	76.2088	
0.0000						
Beam 51: End 1: 1: PP	0.0000	0.0000	0.0000	0.0000	-461.1885	0.0000
Beam 51: End 1: 2: PERM	0.0000	0.0000	0.0000	0.0000	-151.7516	0.0000
Beam 51: End 1: 3: SPTSX	0.0000	0.0000	59.3499	-251.2326	24.3537	0.0000
Beam 51: End 1: 4: SPTDX	0.0000	0.0000	-59.3499	251.2326	24.3537	0.0000
Beam 51: End 1: 5: SPTW	0.0000	0.0000	0.6224	-2.7395	5.7922	0.0000
Beam 51: End 1: 6: ACC_LM71	0.0000	0.0000	0.0000	0.0000	-458.6514	0.0000

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Beam 51: End 1: 7: ACC_SW2	0.0000	0.0000	0.0000	0.0000	-379.6328	0.0000	
Beam 51: End 1: 8: SPACCSX_LM71	0.0000	0.0000	40.0601	-166.5499	11.3136	0.0000	
Beam 51: End 1: 9: SPACCDX_LM71	0.0000	0.0000	-40.0601	166.5499	11.3136	0.0000	
Beam 51: End 1: 10: SPACCSX_SW2	0.0000	0.0000	33.1643	-137.8800	9.3651	0.0000	
Beam 51: End 1: 11: SPACCDX_SW2	0.0000	0.0000	-33.1643	137.8800	9.3651	0.0000	
Beam 51: End 1: 12: AVV_LM71	0.0000	0.0000	72.8162	-291.1090	0.0000	0.0000	
Beam 51: End 1: 13: FREN_SW2	0.0000	0.0000	70.1740	-280.5458	0.0000	0.0000	
Beam 51: End 1: 14: SERP	0.0000	0.0000	0.2215	-0.8854	0.0000	0.0000	
Beam 51: End 1: 15: TERM	0.0000	0.0000	0.0000	0.0000	-21.6557	0.0000	
Beam 51: End 1: 16: RITIRO	0.0000	0.0000	0.0000	0.0000	16.1696	0.0000	
Beam 51: End 1: 17: ACC_SOLINF	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Beam 51: End 1: 18: SISMA_H	0.0000	0.0000	112.6460	-454.2711	0.0000	0.0000	
Beam 51: End 1: 19: SISMA_V	0.0000	0.0000	0.0000	0.0000	-50.0737	0.0000	
Beam 51: End 1: 20: SPSSX	0.0000	0.0000	73.8500	-308.5962	23.6352	0.0000	
Beam 51: End 1: 21: SPSDX	0.0000	0.0000	-73.8500	308.5962	23.6352	0.0000	
Beam 51: End 1: 22: SLU01 [Combination 1]	0.0000	0.0000	164.2931	-666.3449	-1444.3722	0.0000	
Beam 51: End 1: 23: SLU02 [Combination 2]	0.0000	0.0000	106.2059	-424.8476	-1421.8832	0.0000	
Beam 51: End 1: 24: SLU03 [Combination 3]	0.0000	0.0000	106.4237	-425.8064	-1458.7497	0.0000	
Beam 51: End 1: 25: SLU04 [Combination 4]	0.0000	0.0000	185.2834	-755.2352	-1433.8211	0.0000	
Beam 51: End 1: 26: SLU05 [Combination 5]	0.0000	0.0000	164.5109	-667.3038	-1425.2974	0.0000	
Beam 51: End 1: 27: SLU06 [Combination 6]	0.0000	0.0000	58.9275	-245.1957	-760.2528	0.0000	
Beam 51: End 1: 28: SLU07 [Combination 7]	0.0000	0.0000	185.2834	-755.2352	-1414.3310	0.0000	
Beam 51: End 1: 29: SLU08 [Combination 8]	0.0000	0.0000	79.6999	-333.1271	-531.4848	0.0000	
Beam 51: End 1: 30: SLU09 [Combination 9]	0.0000	0.0000	79.6999	-333.1271	-1433.9078	0.0000	
Beam 51: End 1: 31: SLU10 [Combination 10]	0.0000	0.0000	-78.0194	325.7304	-1394.9274	0.0000	
Beam 51: End 1: 32: SLU11 [Combination 11]	0.0000	0.0000	26.5376	-108.9648	-1385.2149	0.0000	
Beam 51: End 1: 33: SLU12 [Combination 12]	0.0000	0.0000	26.5376	-108.9648	-1450.1822	0.0000	
Beam 51: End 1: 34: SLU13 [Combination 13]	0.0000	0.0000	150.4629	-609.4570	-1332.6205	0.0000	
Beam 51: End 1: 35: SLU14 [Combination 14]	0.0000	0.0000	102.3747	-409.5310	-1307.3062	0.0000	
Beam 51: End 1: 36: SLU15 [Combination 15]	0.0000	0.0000	102.5925	-410.4898	-1344.1727	0.0000	

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Beam 51: End 1: 37: SLU16 [Combination 16]	0.0000	0.0000	171.4533	-698.3473	-1322.0694	0.0000
Beam 51: End 1: 38: SLU17 [Combination 17]	0.0000	0.0000	150.6808	-610.4159	-1313.5457	0.0000
Beam 51: End 1: 39: SLU18 [Combination 18]	0.0000	0.0000	48.9285	-203.6244	-763.0780	0.0000
Beam 51: End 1: 40: SLU19 [Combination 19]	0.0000	0.0000	171.4533	-698.3473	-1302.5793	0.0000
Beam 51: End 1: 41: SLU20 [Combination 20]	0.0000	0.0000	69.7010	-291.5558	-534.3101	0.0000
Beam 51: End 1: 42: SLU21 [Combination 21]	0.0000	0.0000	69.7010	-291.5558	-1322.1561	0.0000
Beam 51: End 1: 43: SLU22 [Combination 22]	0.0000	0.0000	-68.0204	284.1591	-1283.1757	0.0000
Beam 51: End 1: 44: SLU23 [Combination 23]	0.0000	0.0000	18.5384	-75.7078	-1272.8982	0.0000
Beam 51: End 1: 45: SLU24 [Combination 24]	0.0000	0.0000	18.5384	-75.7078	-1337.8654	0.0000
Beam 51: End 1: 46: SLU25 [Combination 25]	0.0000	0.0000	130.8972	-537.8067	-1433.8211	0.0000
Beam 51: End 1: 47: SLU26 [Combination 26]	0.0000	0.0000	120.8983	-496.2354	-1322.0694	0.0000
Beam 51: End 1: 48: SLU_SISMA01 [Combination 27]	0.0000	0.0000	61.9937	-239.9462	-612.2976	0.0000
Beam 51: End 1: 49: SLU_SISMA02 [Combination 28]	0.0000	0.0000	61.9937	-239.9462	-582.2533	0.0000
Beam 51: End 1: 50: SLU_SISMA03 [Combination 29]	0.0000	0.0000	-15.5983	51.4036	-612.2976	0.0000
Beam 51: End 1: 51: SLU_SISMA04 [Combination 30]	0.0000	0.0000	-15.5983	51.4036	-582.2533	0.0000
Beam 51: End 1: 52: SLU_SISMA05 [Combination 31]	0.0000	0.0000	34.8365	-137.9738	-663.8938	0.0000
Beam 51: End 1: 53: SLU_SISMA06 [Combination 32]	0.0000	0.0000	34.8365	-137.9738	-563.7463	0.0000
Beam 51: End 1: 54: SLU_SISMA07 [Combination 33]	0.0000	0.0000	11.5589	-50.5688	-663.8938	0.0000
Beam 51: End 1: 55: SLU_SISMA08 [Combination 34]	0.0000	0.0000	11.5589	-50.5688	-563.7463	0.0000
Beam 51: End 1: 56: SLU_SISMA09 [Combination 35]	0.0000	0.0000	60.0861	-232.0996	-596.8836	0.0000
Beam 51: End 1: 57: SLU_SISMA10 [Combination 36]	0.0000	0.0000	60.0861	-232.0996	-566.8393	0.0000

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Beam 51: End 1: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	-17.5059	59.2502	-596.8836
Beam 51: End 1: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	-17.5059	59.2502	-566.8393
Beam 51: End 1: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	32.9289	-130.1272	-648.4798
Beam 51: End 1: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	32.9289	-130.1272	-548.3323
Beam 51: End 1: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	9.6513	-42.7222	-648.4798
Beam 51: End 1: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	9.6513	-42.7222	-548.3323
Beam 51: End 1: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	-57.6305	230.1477	-894.2665
Beam 51: End 1: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	58.8754	-235.6267	-920.2534
Beam 51: End 1: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	102.7934	-419.1132	-892.0185
Beam 51: End 1: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	-55.5167	221.6971	-834.1692
Beam 51: End 1: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	56.7616	-227.1762	-860.1561
Beam 51: End 1: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	95.1630	-387.7267	-830.3624
Beam 51: End 1: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	87.8610	-360.6943	-997.6557
Beam 51: End 1: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	80.9652	-332.0244	-920.5855
Beam 51: End 1: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	0.6224	-2.7395	-558.4406
Beam 51: End 1: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	73.8442	-303.3779	-910.3537

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Beam 51: End 2: 18: SISMA_H	0.0000	0.0000	112.6460	390.5737	0.0000	0.0000	
Beam 51: End 2: 19: SISMA_V	0.0000	0.0000	0.0000	0.0000	-50.0737	0.0000	
Beam 51: End 2: 20: SPSSX	0.0000	0.0000	73.8500	245.2788	23.6352	0.0000	
Beam 51: End 2: 21: SPSDX	0.0000	0.0000	-73.8500	-245.2788	23.6352	0.0000	
Beam 51: End 2: 22: SLU01 [Combination 1]	0.0000	0.0000	164.2931	565.8531	-1196.0566	0.0000	
Beam 51: End 2: 23: SLU02 [Combination 2]	0.0000	0.0000	106.2059	371.6966	-1173.5676	0.0000	
Beam 51: End 2: 24: SLU03 [Combination 3]	0.0000	0.0000	106.4237	372.3716	-1210.4340	0.0000	
Beam 51: End 2: 25: SLU04 [Combination 4]	0.0000	0.0000	185.2834	634.3902	-1185.5055	0.0000	
Beam 51: End 2: 26: SLU05 [Combination 5]	0.0000	0.0000	164.5109	566.5281	-1176.9817	0.0000	
Beam 51: End 2: 27: SLU06 [Combination 6]	0.0000	0.0000	58.9275	196.7603	-511.9372	0.0000	
Beam 51: End 2: 28: SLU07 [Combination 7]	0.0000	0.0000	185.2834	634.3902	-1166.0154	0.0000	
Beam 51: End 2: 29: SLU08 [Combination 8]	0.0000	0.0000	79.6999	264.6223	-347.5473	0.0000	
Beam 51: End 2: 30: SLU09 [Combination 9]	0.0000	0.0000	79.6999	264.6223	-1185.5921	0.0000	
Beam 51: End 2: 31: SLU10 [Combination 10]	0.0000	0.0000	-78.0194	-259.4149	-1146.6118	0.0000	
Beam 51: End 2: 32: SLU11 [Combination 11]	0.0000	0.0000	26.5376	90.0669	-1136.8993	0.0000	
Beam 51: End 2: 33: SLU12 [Combination 12]	0.0000	0.0000	26.5376	90.0669	-1201.8665	0.0000	
Beam 51: End 2: 34: SLU13 [Combination 13]	0.0000	0.0000	150.4629	519.0151	-1084.3049	0.0000	
Beam 51: End 2: 35: SLU14 [Combination 14]	0.0000	0.0000	102.3747	358.2791	-1058.9906	0.0000	
Beam 51: End 2: 36: SLU15 [Combination 15]	0.0000	0.0000	102.5925	358.9542	-1095.8571	0.0000	
Beam 51: End 2: 37: SLU16 [Combination 16]	0.0000	0.0000	171.4533	587.5521	-1073.7538	0.0000	
Beam 51: End 2: 38: SLU17 [Combination 17]	0.0000	0.0000	150.6808	519.6901	-1065.2300	0.0000	
Beam 51: End 2: 39: SLU18 [Combination 18]	0.0000	0.0000	48.9285	163.3396	-514.7624	0.0000	
Beam 51: End 2: 40: SLU19 [Combination 19]	0.0000	0.0000	171.4533	587.5521	-1054.2636	0.0000	
Beam 51: End 2: 41: SLU20 [Combination 20]	0.0000	0.0000	69.7010	231.2017	-350.3726	0.0000	
Beam 51: End 2: 42: SLU21 [Combination 21]	0.0000	0.0000	69.7010	231.2017	-1073.8404	0.0000	
Beam 51: End 2: 43: SLU22 [Combination 22]	0.0000	0.0000	-68.0204	-225.9943	-1034.8601	0.0000	
Beam 51: End 2: 44: SLU23 [Combination 23]	0.0000	0.0000	18.5384	63.3304	-1024.5825	0.0000	
Beam 51: End 2: 45: SLU24 [Combination 24]	0.0000	0.0000	18.5384	63.3304	-1089.5498	0.0000	
Beam 51: End 2: 46: SLU25 [Combination 25]	0.0000	0.0000	130.8972	443.9222	-1185.5055	0.0000	
Beam 51: End 2: 47: SLU26 [Combination 26]	0.0000	0.0000	120.8983	410.5016	-1073.7538	0.0000	

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
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Beam 51: End 2: 48: SLU_SISMA01 [Combination 27] 0.0000	0.0000	0.0000	61.9937	225.0062	-428.3601
Beam 51: End 2: 49: SLU_SISMA02 [Combination 28] 0.0000	0.0000	0.0000	61.9937	225.0062	-398.3158
Beam 51: End 2: 50: SLU_SISMA03 [Combination 29] 0.0000	0.0000	0.0000	-15.5983	-65.5835	-428.3601
Beam 51: End 2: 51: SLU_SISMA04 [Combination 30] 0.0000	0.0000	0.0000	-15.5983	-65.5835	-398.3158
Beam 51: End 2: 52: SLU_SISMA05 [Combination 31] 0.0000	0.0000	0.0000	34.8365	123.2998	-479.9563
Beam 51: End 2: 53: SLU_SISMA06 [Combination 32] 0.0000	0.0000	0.0000	34.8365	123.2998	-379.8088
Beam 51: End 2: 54: SLU_SISMA07 [Combination 33] 0.0000	0.0000	0.0000	11.5589	36.1229	-479.9563
Beam 51: End 2: 55: SLU_SISMA08 [Combination 34] 0.0000	0.0000	0.0000	11.5589	36.1229	-379.8088
Beam 51: End 2: 56: SLU_SISMA09 [Combination 35] 0.0000	0.0000	0.0000	60.0861	218.5458	-412.9461
Beam 51: End 2: 57: SLU_SISMA10 [Combination 36] 0.0000	0.0000	0.0000	60.0861	218.5458	-382.9018
Beam 51: End 2: 58: SLU_SISMA11 [Combination 37] 0.0000	0.0000	0.0000	-17.5059	-72.0440	-412.9461
Beam 51: End 2: 59: SLU_SISMA12 [Combination 38] 0.0000	0.0000	0.0000	-17.5059	-72.0440	-382.9018
Beam 51: End 2: 60: SLU_SISMA13 [Combination 39] 0.0000	0.0000	0.0000	32.9289	116.8394	-464.5423
Beam 51: End 2: 61: SLU_SISMA14 [Combination 40] 0.0000	0.0000	0.0000	32.9289	116.8394	-364.3948
Beam 51: End 2: 62: SLU_SISMA15 [Combination 41] 0.0000	0.0000	0.0000	9.6513	29.6625	-464.5423
Beam 51: End 2: 63: SLU_SISMA16 [Combination 42] 0.0000	0.0000	0.0000	9.6513	29.6625	-364.3948

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Beam 51: End 2: 64: SLE_RARA01 [Combination 43] 0.0000	0.0000	0.0000	-57.6305	-202.0812	-710.3290
Beam 51: End 2: 65: SLE_RARA02 [Combination 44] 0.0000	0.0000	0.0000	58.8754	205.9385	-736.3159
Beam 51: End 2: 66: SLE_RARA03 [Combination 45] 0.0000	0.0000	0.0000	102.7934	351.8377	-708.0810
Beam 51: End 2: 67: SLE_RARA04 [Combination 46] 0.0000	0.0000	0.0000	-55.5167	-194.6785	-650.2317
Beam 51: End 2: 68: SLE_RARA05 [Combination 47] 0.0000	0.0000	0.0000	56.7616	198.5358	-676.2186
Beam 51: End 2: 69: SLE_RARA06 [Combination 48] 0.0000	0.0000	0.0000	95.1630	325.9960	-646.4249
Beam 51: End 2: 70: SLE_RARA07 [Combination 49] 0.0000	0.0000	0.0000	87.8610	298.2632	-813.7182
Beam 51: End 2: 71: SLE_RARA08 [Combination 50] 0.0000	0.0000	0.0000	80.9652	275.2145	-736.6480
Beam 51: End 2: 72: SLE_QPERM01 [Combination 51] 0.0000	0.0000	0.0000	0.6224	1.9287	-374.5031
Beam 51: End 2: 73: SLE_FREQ01 [Combination 52] 0.0000	0.0000	0.0000	73.8442	250.4533	-726.4162
Beam 51: End 2: 74: SLE_FREQ02 [Combination 53] 0.0000	0.0000	0.0000	68.3275	232.0143	-664.7601
Beam 51: End 2: 75: SLU/SLV [Absolute Envelope 1] 0.0000	0.0000	0.0000	185.2834	634.3902	1210.4340
Beam 51: End 2: 76: SLU [Absolute Envelope 2] 0.0000	0.0000	0.0000	185.2834	634.3902	1210.4340
Beam 51: End 2: 77: SLV [Absolute Envelope 3] 0.0000	0.0000	0.0000	61.9937	225.0062	479.9563
Beam 51: End 2: 78: SLE R [Absolute Envelope 4] 0.0000	0.0000	0.0000	102.7934	351.8377	813.7182
Beam 51: End 2: 79: SLE F [Absolute Envelope 5] 0.0000	0.0000	0.0000	73.8442	250.4533	726.4162

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto</p> <p>IN17</p>	<p>Lotto</p> <p>12</p>	<p>Codifica</p> <p>EI2CLSL1000001</p>	<p>A</p>

Beam 51: End 2: 80: SLE QP [Absolute Envelope 6] 0.0000 0.0000 0.6224 1.9287 374.5031
0.0000

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
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16 DICHIARAZIONE SECONDO NTC2008 (§ 10.2)

Nel presente paragrafo si procede al controllo dei risultati derivanti dal modello di calcolo verificando che il momento agente sulla soletta superiore in condizione SLE corrisponda al valore che si ottiene dal calcolo di una trave su 2 appoggi, considerando un vincolo di semi-incastro alle due estremità (in modo tale da meglio rappresentare il vincolo fra soletta superiore ed i piedritti della struttura).

Sollecitazioni soletta superiore		
Peso proprio	25.00	kN/m
Permanenti	17.10	kN/m
Accidentale	78.20	kN/m

L soletta	7.40	m
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MEd-	-658.8	kNm
MEd+	365.9	kNm

Sollecitazioni soletta superiore modello di calcolo		
MEd-	-700	kNm
MEd+	345	kNm

