

ANAS S.p.A.

DIREZIONE CENTRALE PROGRAMMAZIONE PROGETTAZIONE

PA 12/09

CORRIDOIO PLURIMODALE TIRRENICO - NORD EUROPA

ITINERARIO AGRIGENTO - CALTANISSETTA - A19

S.S. N° 640 "DI PORTO EMPEDOCLE"

AMMODERNAMENTO E ADEGUAMENTO ALLA CAT. B DEL D.M. 5.11.2001

Dal km 44+000 allo svincolo con l'A19

PROGETTO ESECUTIVO

Contraente Generale:



OPERE D'ARTE MAGGIORI

GALLERIE NATURALI

GALLERIA NATURALE COZZO GARLATTI

OPERE DI IMBOCCO LATO A19

Relazione di calcolo gallerie artificiali

Codice Unico Progetto (CUP) : F91B09000070001

Codice Elaborato:

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Responsabile del procedimento:		Ing. MAURIZIO ARAMINI													

Il Progettista:



Il Consulente Specialista:



Il Coordinatore per la sicurezza
in fase di progetto:



Il Direttore dei lavori:



INDICE

1 INTRODUZIONE	3
2 DOCUMENTI DI RIFERIMENTO	4
2.1 <i>NORMATIVA</i>	4
2.2 <i>SOFTWARE UTILIZZATO</i>	5
3 CARATTERISTICHE DEI MATERIALI E DEGLI ELEMENTI UTILIZZATI	5
4 METODO DI ANALISI	6
4.1 <i>IPOTESI DI CARICO</i>	6
4.1.1 <i>Azione sismica</i>	7
4.2 <i>COMBINAZIONI DI CARICO</i>	9
4.3 <i>MODELLO DI CALCOLO</i>	15
5 CARATTERIZZAZIONE GEOMECCANICA DI CALCOLO	22
5.1 <i>PREMESSA</i>	22
5.2 <i>DESCRIZIONE DELLE INDAGINI IN SITO E IN LABORATORIO</i>	23
5.2.1 <i>Indagini condotte nelle precedenti fasi progettuali</i>	23
5.2.2 <i>Indagini integrative del progetto esecutivo - fase 1 del 2010</i>	25
5.2.3 <i>Indagini integrative di fase 2 del 2010</i>	27
5.3 <i>MODELLAZIONE GEOTECNICA</i>	30

6 VERIFICA GALLERIA ARTIFICIALE CARR. SX (R=6.45M).....	35
6.1 GEOMETRIA DELLA SEZIONE E PARAMETRI DI CALCOLO PER L'ANALISI	35
6.2 RISULTATI DELLE ANALISI	35
6.3 VERIFICA DELLA STRUTTURA	36
7 VERIFICA GALLERIA ARTIFICIALE CARR. DX (R=7.21M).....	55
7.1 GEOMETRIA DELLA SEZIONE E PARAMETRI DI CALCOLO PER L'ANALISI	55
7.2 RISULTATI DELLE ANALISI	56
7.3 VERIFICA DELLA STRUTTURA	56
8 ALLEGATI DI CALCOLO CARR. SX (R=6.45M)	71
9 ALLEGATI DI CALCOLO CARR. DX (R=7.21M).....	298

1 INTRODUZIONE

La presente relazione è parte integrante del progetto dell'itinerario Agrigento-Caltanissetta-A19 all'interno del quale è previsto l'adeguamento alla categoria B della S.S. 640 secondo le norme del D.M. 5.11.2001.

In particolare è oggetto della relazione la descrizione e verifica delle opere civili e delle modalità di esecuzione della galleria artificiale di imbocco lato A19 della galleria Cozzo Garlatti, scavata con metodo tradizionale, di lunghezza pari a 183 m (carr.Sx) e 156 m (carr.Dx).

Si è proceduto ad effettuare la verifica delle sezioni resistenti partendo dalle calcolazioni effettuate e dalle sollecitazioni previste nel Progetto Definitivo, seguendo un approccio agli stati limite ultimi e di esercizio, in accordo con le prescrizioni sulle tipologie e relative resistenze dei materiali e secondo le modalità contenute all'interno delle vigenti "Norme Tecniche per le Costruzioni" (D.M. 14/01/2008).

Nel seguito sono illustrate le soluzioni progettuali e le verifiche di dimensionamento delle gallerie artificiali di imbocco realizzate in c.a.. Per le verifiche relative alla galleria naturale si rimanda alla relazione di calcolo dedicata.

Il tratto in artificiale è composto dai seguenti distinti segmenti:

1. concio d'attacco tra galleria naturale e artificiale sotto la dima: è realizzato senza casseri esterni con le stesse fasi, modalità di getto e sistema di impermeabilizzazione e di drenaggio della galleria naturale e la stessa armatura della galleria artificiale;
2. galleria artificiale in c.a. propriamente detta: a piedritti verticali, di spessore tale da contenere le nicchie di ricovero personale;
3. portale di imbocco in c.a.: è sagomato secondo un "becco di flauto"

La galleria artificiale propriamente detta ha una lunghezza di 13.42 m per la carreggiata sx e di 5.19m per la carreggiata dx. sino all'inizio della dima e del concio d'attacco, che si sovrappongono per 5.72 m; il portale è sagomato a "becco di flauto" ed

ha lunghezza di 16 m per entrambe le carreggiate. La galleria artificiale, nella sua totalità, ha una lunghezza pari a 35.14 m per la carreggiata sx e di 26.91 per la carreggiata dx.

La sezione della galleria artificiale della carreggiata sx ha una larghezza pari a 15.30 m, con raggio interno in calotta di 6.45 m e in arco rovescio di 12.00; gli spessori sono di 120 cm per la calotta e 100 cm in arco rovescio.

La sezione della galleria artificiale della carreggiata dx ha una larghezza pari a 16.55 m, con raggio interno in calotta di 7.21 m e in arco rovescio di 13.89; gli spessori sono di 125 cm per la calotta e 120 cm in arco rovescio.

Il rinterro avverrà direttamente sul manto impermeabile.

Per la sistemazione finale, il ritombamento dovrà ricoprire interamente, oltre agli scavi d'approccio, le strutture di sostegno provvisionali.

2 DOCUMENTI DI RIFERIMENTO

NORMATIVA

La presente relazione è stata redatta nel rispetto della Normativa in vigore e di alcune Raccomandazioni.

I principali riferimenti normativi sono i seguenti:

- Ministero delle Infrastrutture - D.M. 14/01/2008: “Nuove norme tecniche per le costruzioni”;
- Circ.Min. n°617 del 02/02/2009: “Istruzioni per l'applicazione delle Norme tecniche per le costruzioni di cui al D.M. 14 gennaio 2008”;
- Consiglio Superiore dei Lavori Pubblici STC, “Linee guida per la messa in opera del calcestruzzo strutturale e per la valutazione delle caratteristiche meccaniche del calcestruzzo indurito mediante prove non distruttive”, febbraio 2008.

- Legge 5.11.1971, n.1086, “Norme per la disciplina delle opere di conglomerato cementizio armato, normale e precompresso ed a struttura metallica”.
- CNR 10012: “Istruzioni per la valutazione delle azioni sulle costruzioni”.
- CNR 10024: “Analisi di strutture mediante elaboratore. Impostazione e redazione delle relazioni di calcolo”.
- UNI EN 197-1: “Cemento - Composizione, specificazioni e criteri di conformità per cementi comuni.
 - UNI EN 206-1: “Calcestruzzo - Specificazioni, prestazioni, produzione e conformità”.
- UNI 11104/2004: “Calcestruzzo - Specificazione, prestazione, produzione e conformità – Istruzioni complementari per l’applicazione della EN 206-1”.

SOFTWARE UTILIZZATO

Sap2000. Software di calcolo agli elementi finiti per l’analisi e le verifiche strutturali di opere civili. CSI

3 CARATTERISTICHE DEI MATERIALI E DEGLI ELEMENTI UTILIZZATI

CARATTERISTICHE DI RESISTENZA DEI MATERIALI IMPIEGATI

Per quanto riguarda le caratteristiche dei materiali utilizzate nei calcoli di verifica, si è considerato:

CALCESTRUZZO:

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

D.M. 14/01/2008 e UNI EN 1992-1-1		
CLASSE	C 25/30	classe identificativa del calcestruzzo
acc	0.85	coefficiente riduttivo per le resistenze di lunga durata
yc	1.5	coefficiente parziale di sicurezza del calcestruzzo
Rck	30 Mpa	resistenza cubica caratteristica
<i>in esercizio</i>		
fck	24.90 MPa	resistenza cilindrica caratteristica
fc _m	32.90 MPa	resistenza cilindrica media
fcd	14.11 MPa	resistenza a compressione di calcolo
fct _m	-2.56 MPa	resistenza media a trazione semplice (assiale)
fct _{k0.05}	-1.79 MPa	frattile 5% della resistenza a trazione semplice
fct _{k0.95}	-3.33 MPa	frattile 95% della resistenza a trazione semplice
fct _d	-1.19 MPa	resistenza a trazione semplice di calcolo
fc _{fm}	-3.07 MPa	resistenza media a trazione per flessione
fc _{k0.05}	-2.15 MPa	frattile 5% della resistenza a trazione per flessione
fc _{k0.95}	-3.99 MPa	frattile 95% della resistenza a trazione per flessione
E _{cm}	31447 MPa	modulo elastico secante tra la tensione nulla e 0.40f _{cm}
E _c	33020 MPa	modulo elastico tangente
ν	0.2	coefficiente di Poisson
G	13103 MPa	modulo di rigidezza al taglio
<i>tensioni massime in esercizio</i>		
0.60fck	14.94 MPa	combinazione caratteristica (rara)
0.45fck	11.21 MPa	combinazione quasi permanente
fc _{fd}	-1.43 MPa	resistenza a trazione per flessione di calcolo
fct_m / 1.2	-2.13 MPa	trazione limite per la formazione di fessure

ACCIAIO PER ARMATURA:

D.M. 14/01/2008 e UNI EN 1992-1-1		
B450C		
fy.nom	450 MPa	valore nominale della tensione caratteristica di snervamento
ft.nom	540 MPa	valore nominale della tensione caratteristica di rottura
fyk	450 MPa	valore caratteristico della tensione di snervamento
ftk	540 MPa	valore caratteristico della tensione di rottura
γ _s	1.15	coefficiente parziale di sicurezza relativo all'acciaio
fyd	391.30 MPa	resistenza di calcolo
E _s	2.06E+05 MPa	modulo elastico dell'acciaio

4 METODO DI ANALISI

4.1 IPOTESI DI CARICO

Per ogni imbocco è analizzata la sezione in corrispondenza della progressiva in cui si ha la massima altezza di ritombamento.

I carichi agenti sulle gallerie artificiali sono i seguenti:

- Peso proprio della struttura valutato automaticamente dal programma di calcolo attribuendo al c.a. un peso specifico di 25 kN/m^3 ;
- Carico verticale del terreno di ricoprimento P_v , considerato nella parte sovrastante la calotta, pari a γH , con H costante se il piano campagna è orizzontale, ovvero variabile nel piano trasversale secondo la pendenza prevista per il terreno di riporto, definendo per ogni caso le altezze minime e massime; nel modello è stata tenuta in conto l'aliquota variabile di carico litostatico da imputare al riempimento tra la quota massima della calotta e la quota di imposta del piedritto;
- Spinte orizzontali P_h presenti a lungo termine variabili con la profondità calcolate secondo la formula:

$$P_h = P_v \cdot K_0 = \gamma \cdot z \cdot K_0$$

con

$K_0 = 1 - \sin \varphi$, coefficiente di spinta a riposo per terreni normal consolidati.

Il peso proprio del terreno di ritombamento è stato assunto pari a 20 kN/m^3 . L'angolo di attrito φ è stato posto pari a 35° .

4.1.1 Azione sismica

Secondo la nuova classificazione sismica del territorio nazionale introdotta dal DM2008, alle gallerie in esame (Vita utile = 50 anni; Classe d'uso = IV) corrisponde un'accelerazione orizzontale massima pari a: $\mathbf{a_g = 0.107g}$ allo SLU (SLC) e $\mathbf{a_g = 0.043g}$ allo SLE (SLD).

L'azione sismica agente sulle masse strutturali della galleria artificiale è stata considerata con un approccio di tipo pseudo-statico. I coefficienti sismici utilizzati per l'analisi sono:

$$k_h = \beta_m \cdot S \cdot a_g / g \quad \text{coefficiente sismico orizzontale}$$

$$k_v = \pm 0.5 \cdot k_h \quad \text{coefficiente sismico verticale}$$

con:

$$\beta_m = 1 \quad \text{coefficiente di riduzione dell'accelerazione massima attesa in sito - Tab. 7.11.II (per strutture che non sono in grado di subire spostamenti relativi rispetto al terreno } \beta_m=1)$$

$$S = S_S \cdot S_T = 1.50$$

dove:

$$S_S = 1.50 \quad \text{coefficiente di amplificazione stratigrafica - Tab. 3.2.V}$$

$$S_T = 1 \quad \text{coefficiente di amplificazione topografica - Tab.}$$

3.2.VI

In fase sismica viene considerato un incremento di spinta del terreno su un lato dell'artificiale e un decremento di spinta sull'altro lato. L'incremento di spinta delle terre in fase sismica, tenuto conto che la galleria tende a non subire spostamenti laterali tali da sviluppare nel terreno uno stato di spinta attiva, è data dalla seguente espressione:

$$\Delta P_E = k_h \cdot \frac{1}{2} \cdot \gamma \cdot H_G^2$$

con:

$$H_G \quad \text{altezza della galleria artificiale}$$

Tale approccio tende a considerare l'accelerazione data dal sisma sulla massa di terreno gravante su ciascun lato della galleria: in caso di spinta a riposo si considera, dunque, un cuneo di terreno con angolo pari a 45°.

La spinta ricavata viene applicata sul modello matematico come carico uniformemente distribuito su tutta l'altezza della galleria di intensità pari a:

$$\Delta p_E = \Delta P_E / H_G$$

C'è da considerare, inoltre, la forza orizzontale generata dall'accelerazione sismica applicata sulla massa stessa della galleria: tale contributo equivale a:

$$\Delta P_{E\text{ riv}} = k_h \cdot \gamma_{cls} \cdot A_G$$

con:

A_G area della sezione in c.a. della galleria artificiale

Tale spinta viene applicata, anche in questo caso, come carico uniformemente distribuito su tutta l'altezza della galleria di intensità pari a:

$$\Delta p_{E\text{ riv}} = \Delta P_{E\text{ riv}} / H_G$$

Per quanto riguarda l'effetto delle forze dinamiche verticali legate alla massa di terreno di copertura della galleria, se ne è tenuto conto attraverso la relazione:

$$\Delta P_v = k_v \cdot \gamma \cdot H$$

con H variabile tra le quote di imposta dei piedritti.

Tali sistemi di forze d'inerzia devono essere considerati agenti verso l'alto o verso il basso, in modo da produrre gli effetti più sfavorevoli.

Le forze dinamiche verticali legate alla massa stessa della galleria si possono considerare attraverso la modifica del parametro **Self Weight Multiplier** direttamente all'interno del software di calcolo: in particolare si imposta tale parametro pari a:

$1 + k_v$ e $1 - k_v$ rispettivamente per sisma verticale diretto verso il basso e verso l'alto.

4.2 COMBINAZIONI DI CARICO

La struttura della galleria è stata verificata per le condizioni di carico riportate nel DM 2008 sia nei riguardi degli stati limite ultimi che nei riguardi degli stati limite di esercizio, mediante il metodo dei coefficienti parziali di sicurezza sulle azioni e sulle resistenze (§ 6.2.3).

Le combinazioni di calcolo adottate sono schematizzate nella seguente tabella:

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

	AZIONI γF										PROPRIETA' TERRENO γM	
	PERMANENTI				VARIABILI						tan ϕ'	c'
	Peso proprio	Peso rinterro	Spint a terreno sx	Spint a terreno dx	Sisma orizzontale struttura	Sisma verticale alto struttura	Sisma verticale basso struttura	Sisma orizzontale terreno	Sisma verticale alto terreno	Sisma verticale basso terreno		
1. SLE (no sisma)	1	1	1	1	0	0	0	0	0	0	1	1
2. SLE (sisma orizzontale + verticale basso)	1	1	1	1	1	0	1	1	0	1	1	1
3. SLE (sisma orizzontale + verticale alto)	1	1	1	1	1	1	0	1	1	0	1	1
4. SLU (A1+M1) (no sisma)	1.3	1.3	1.3	1.3	0	0	0	0	0	0	1	1
5. SLU (A2+M2) (sisma orizzontale +	1	1	1	1	1	0	1	1	0	1	1.25	1.25

*Corridoio Plurimodale Tirrenico - Nord Europa / Itinerario Agrigento – Caltanissetta - A19 / S.S. n° 640 "di Porto Empedocle"
 Ammodernamento e adeguamento alla Cat. B del D.M. 5.11.2001 dal km 44+000 allo svincolo con l'A19*

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

verticale basso)												
6. SLU (A2+M2) (sima orizzontale + verticale alto)	1	1	1	1	1	1	0	1	1	0	1.25	1.2 5

Le combinazioni sono rappresentative delle seguenti situazioni di carico:

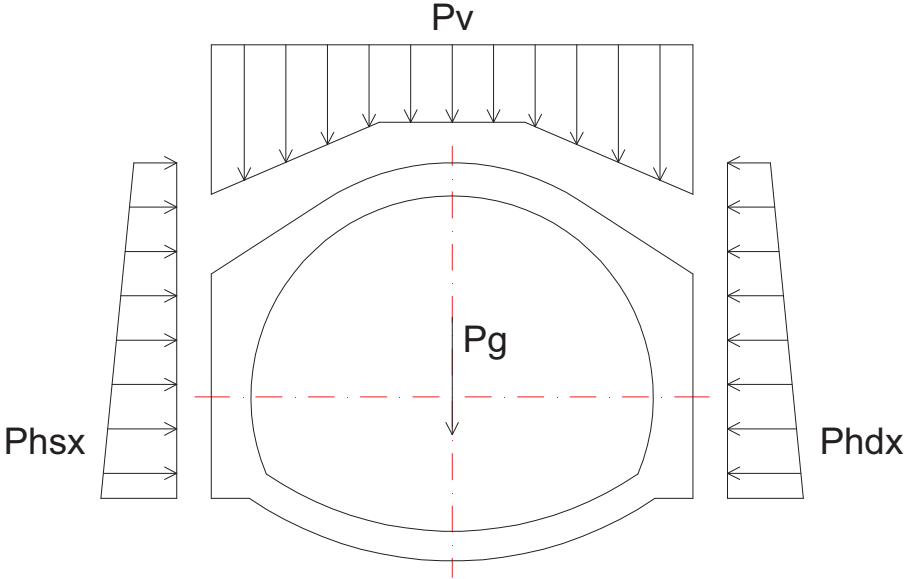
1. La combinazione 1 si riferisce alla situazione di carichi statici allo stato limite di esercizio;
2. Le combinazioni 2 e 3 si riferiscono alla situazione di presenza del sisma in direzione orizzontale composto rispettivamente col sisma verticale in direzione basso e alto, allo stato limite di esercizio;
3. La combinazione 4 si riferisce alla situazione di carichi statici allo stato limite ultimo (A1 + M1);
4. Le combinazioni 5 e 6 si riferiscono alla situazione di presenza del sisma in direzione orizzontale composto rispettivamente col sisma verticale in direzione basso e alto, allo stato limite ultimo (A2 + M2).

Nella combinazione 1 sono stati inseriti i carichi verticali derivati dal terreno di copertura, le spinte statiche generate su entrambi i lati della galleria in condizione di spinta a riposo e il peso proprio della galleria stessa.

Nella combinazione 4 si sarebbero dovute inserire le stesse azioni presenti nella combinazione 1 calcolate mediante l'incremento dei pesi (terreno e galleria) attraverso il coefficiente moltiplicativo $\gamma_F = 1.3$; in questo caso si è preferito ricorrere all'incremento delle caratteristiche di sollecitazione ricavate dalla combinazione 1 mediante il coefficiente moltiplicativo $\gamma_F = 1.3$, piuttosto che modellare una nuova condizione di carico nel modello di calcolo.

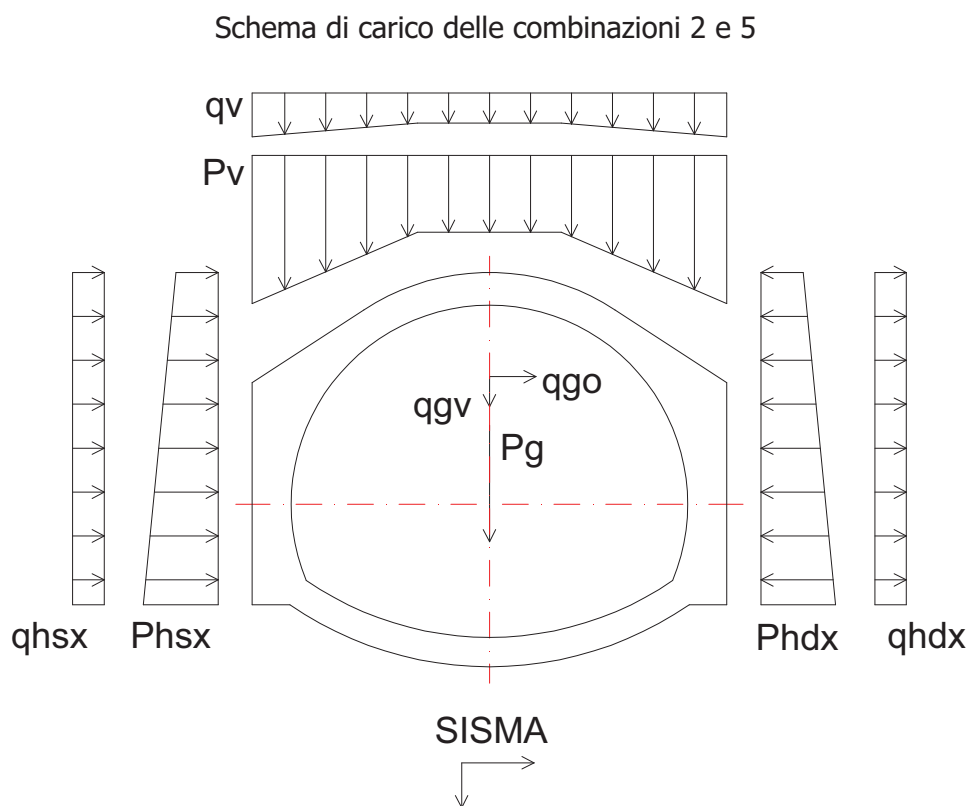
Schema di carico delle combinazioni 1 e 4

PROGETTO ESECUTIVO
RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI



Nella combinazione 2, oltre ai carichi presenti nella combinazione 1, sono state considerate le azioni generate dal sisma, in direzione orizzontale e verticale bassa, attraverso l'accelerazione applicata alle masse di terreno di copertura, dei cunei destro e sinistro e della galleria stessa.

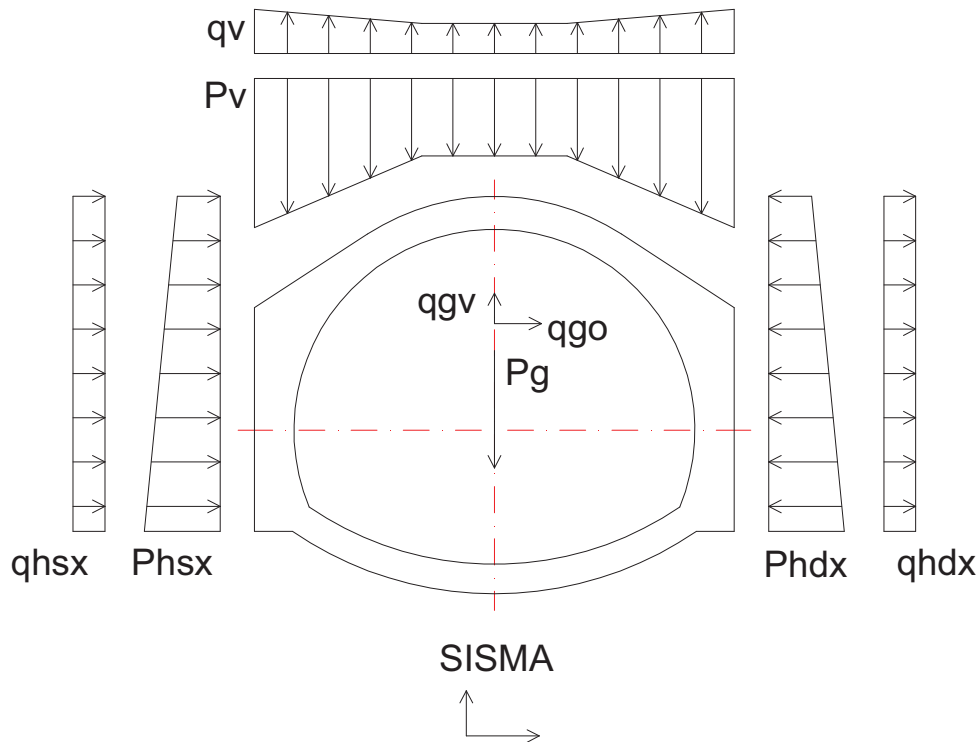
Per la combinazione 5 è stato considerato lo stesso schema di carico della combinazione 2 usando dei valori diversi per le azioni: i carichi trasmessi dal terreno sono stati calcolati riducendo le proprietà ($\tan\phi'$ e c') attraverso il coefficiente $\gamma_M = 1.25$.



Le combinazioni 3 e 6 rispecchiano rispettivamente le precedenti combinazioni 2 e 5 con l'unica differenza che il sisma verticale è diretto verso l'alto.

PROGETTO ESECUTIVO
RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Schema di carico delle combinazioni 3 e 6



4.3 MODELLO DI CALCOLO

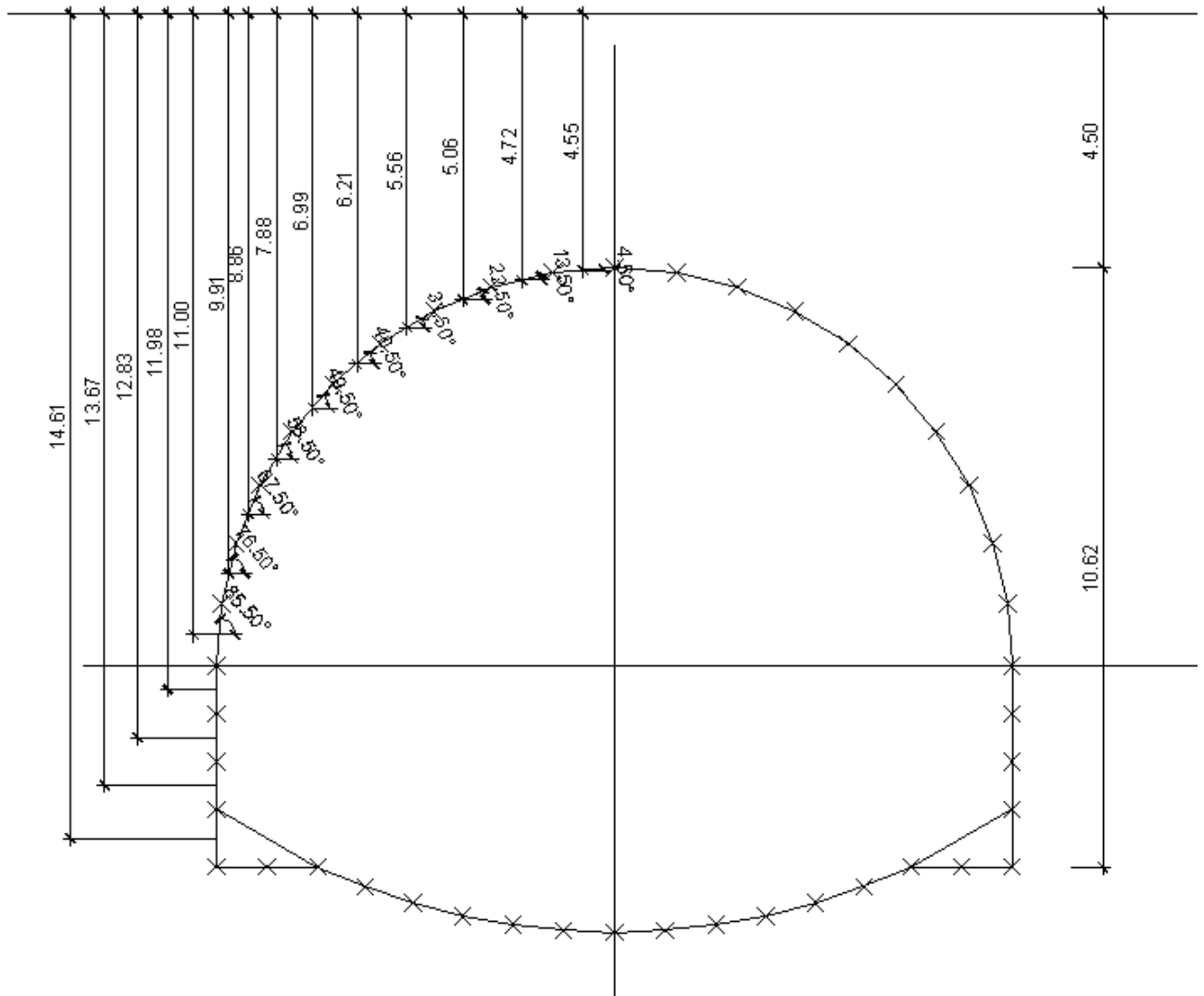
Per il calcolo delle azioni interne si adotta il metodo delle reazioni iperstatiche attraverso una modellazione numerica ad elementi finiti monodimensionali. Il programma di calcolo utilizzato è SAP2000 ver. 12.

Si considera una sezione di galleria di lunghezza unitaria (1m) definendo per la struttura un modello costituito da conci monodimensionali (elementi frame). Gli spessori delle diverse aste sono variabili linearmente a seconda dell'elemento strutturale considerato (calotta, piedritto, arco rovescio).

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

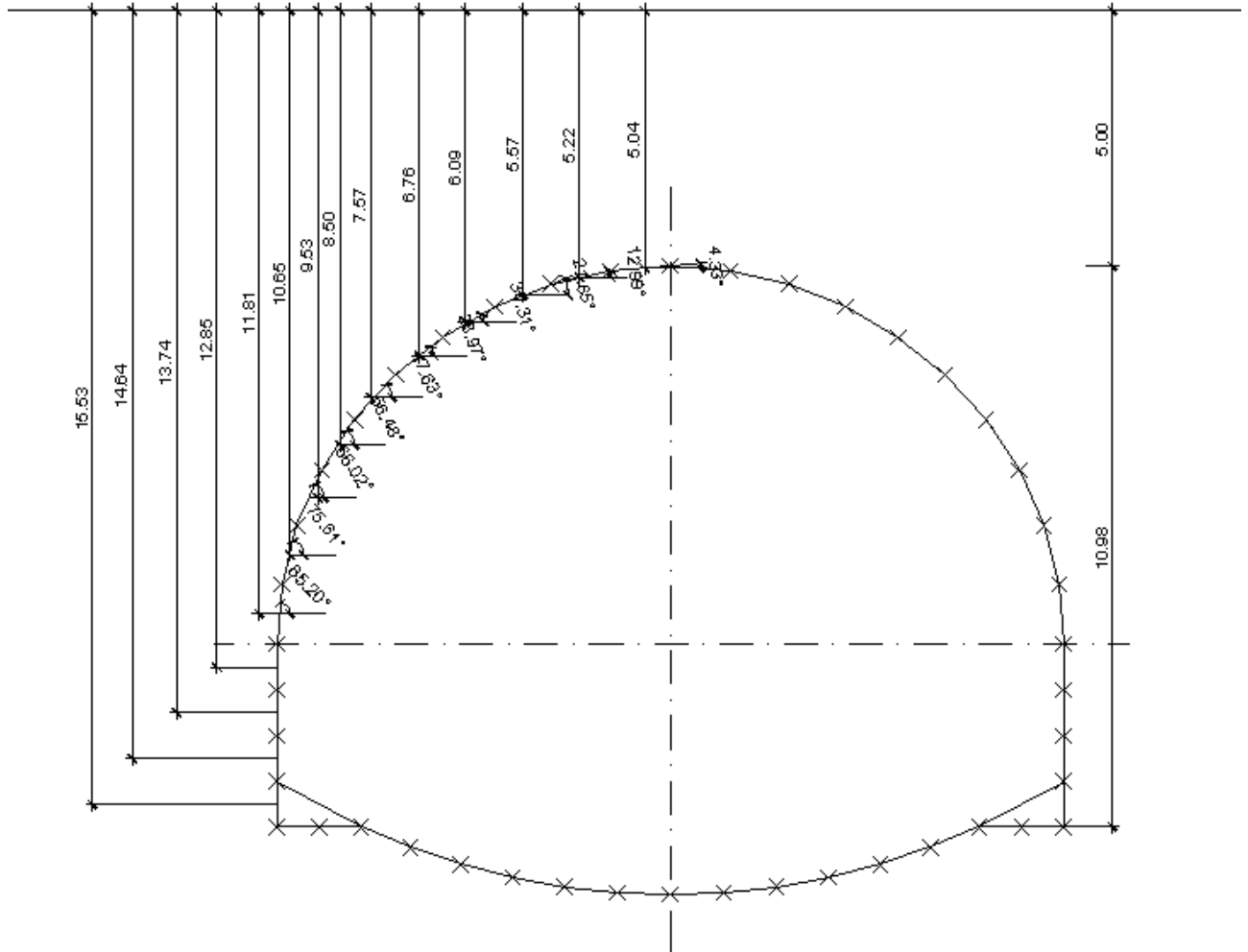
Schema di calcolo della galleria artificiale carreggiata sx



PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

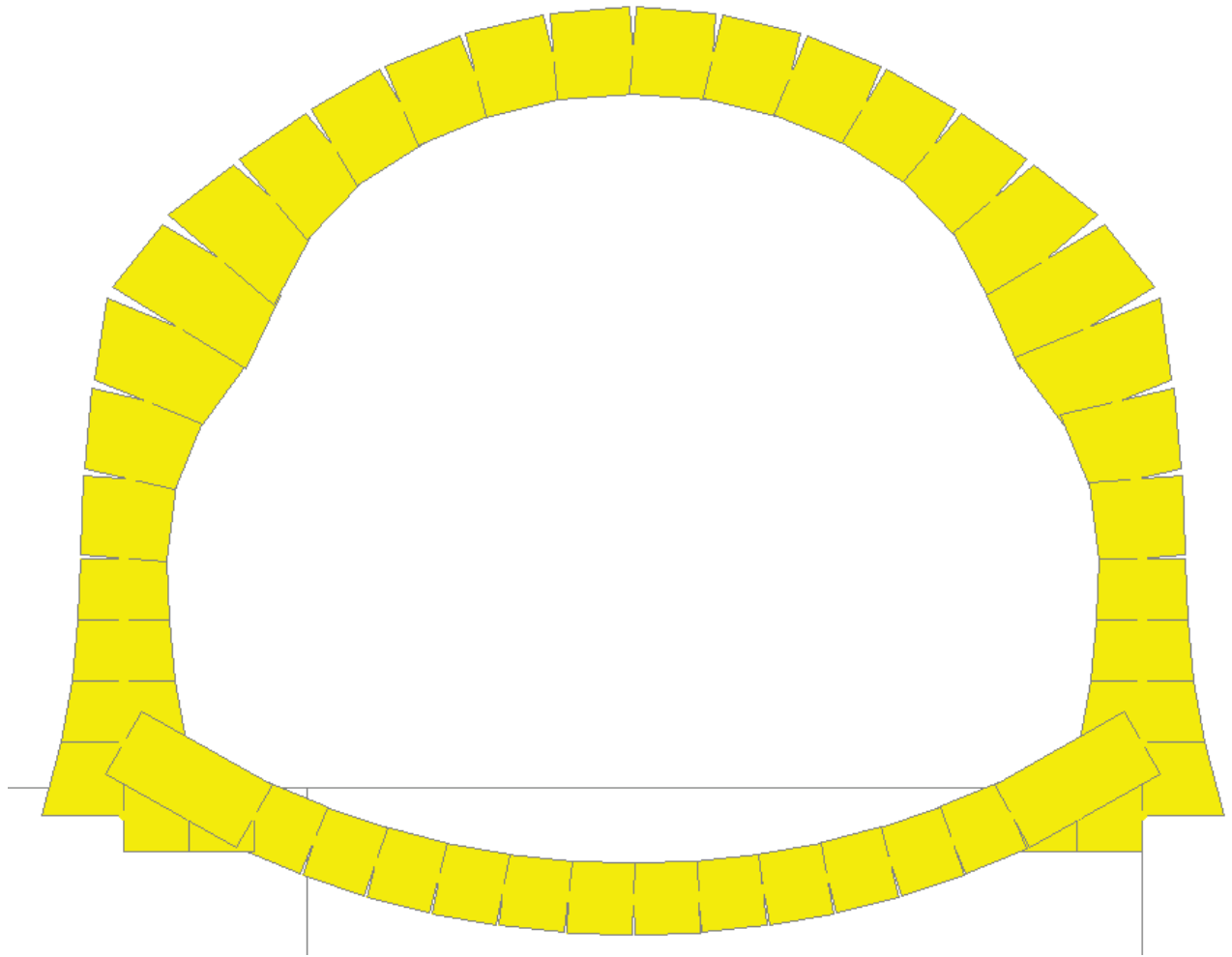
Schema di calcolo della galleria artificiale carreggiata dx (galleria allargata)



PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

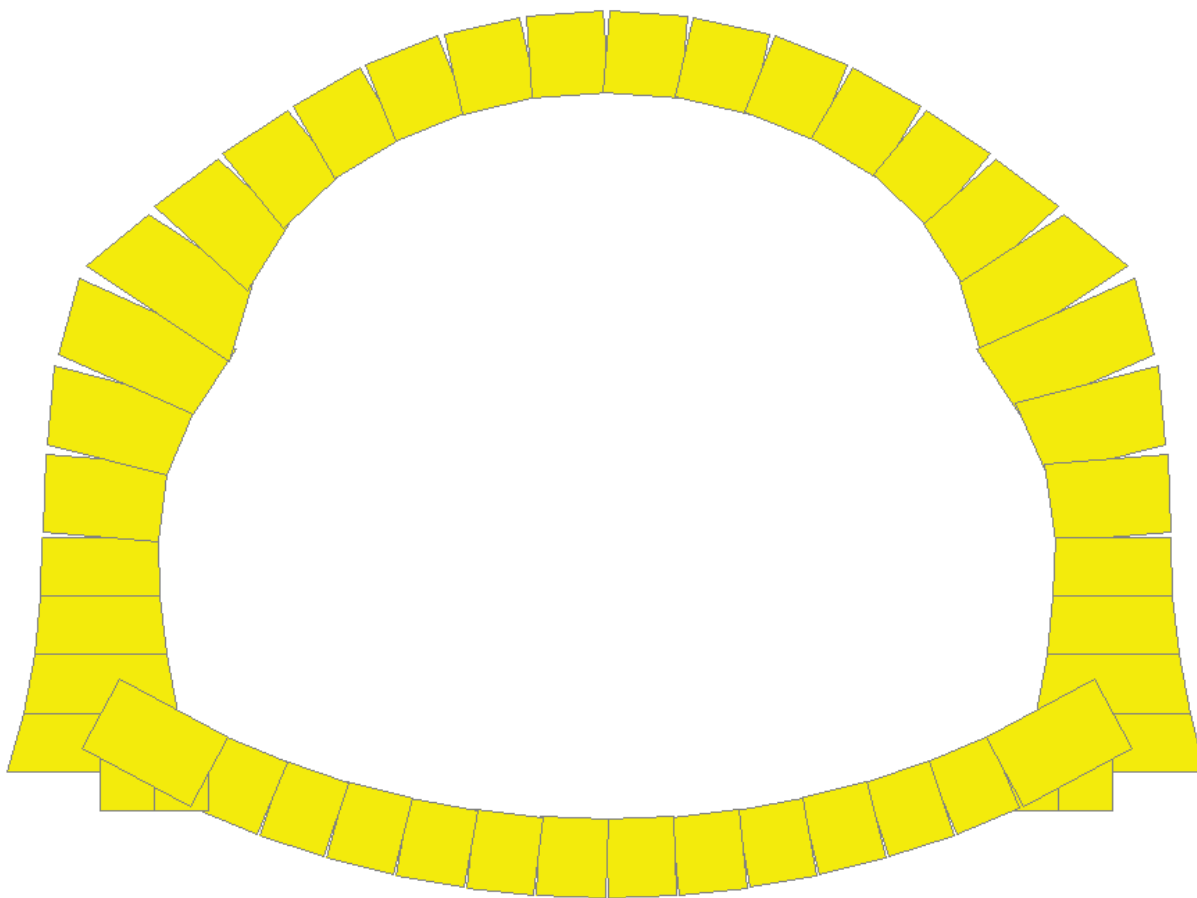
Spessori delle aste nel modello di calcolo (carreggiata sx)



PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

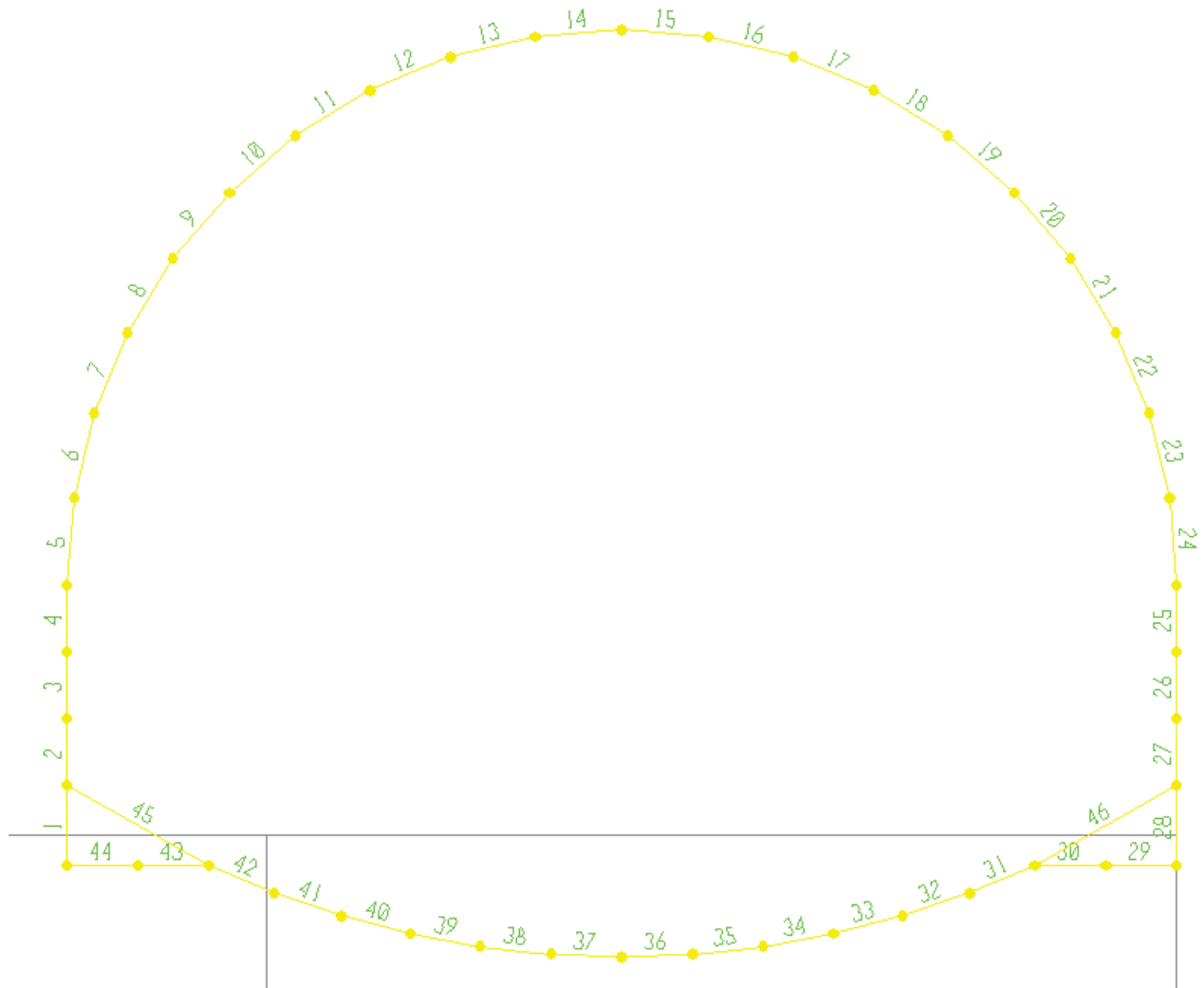
Spessori delle aste nel modello di calcolo (carreggiata dx – galleria allargata)



PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

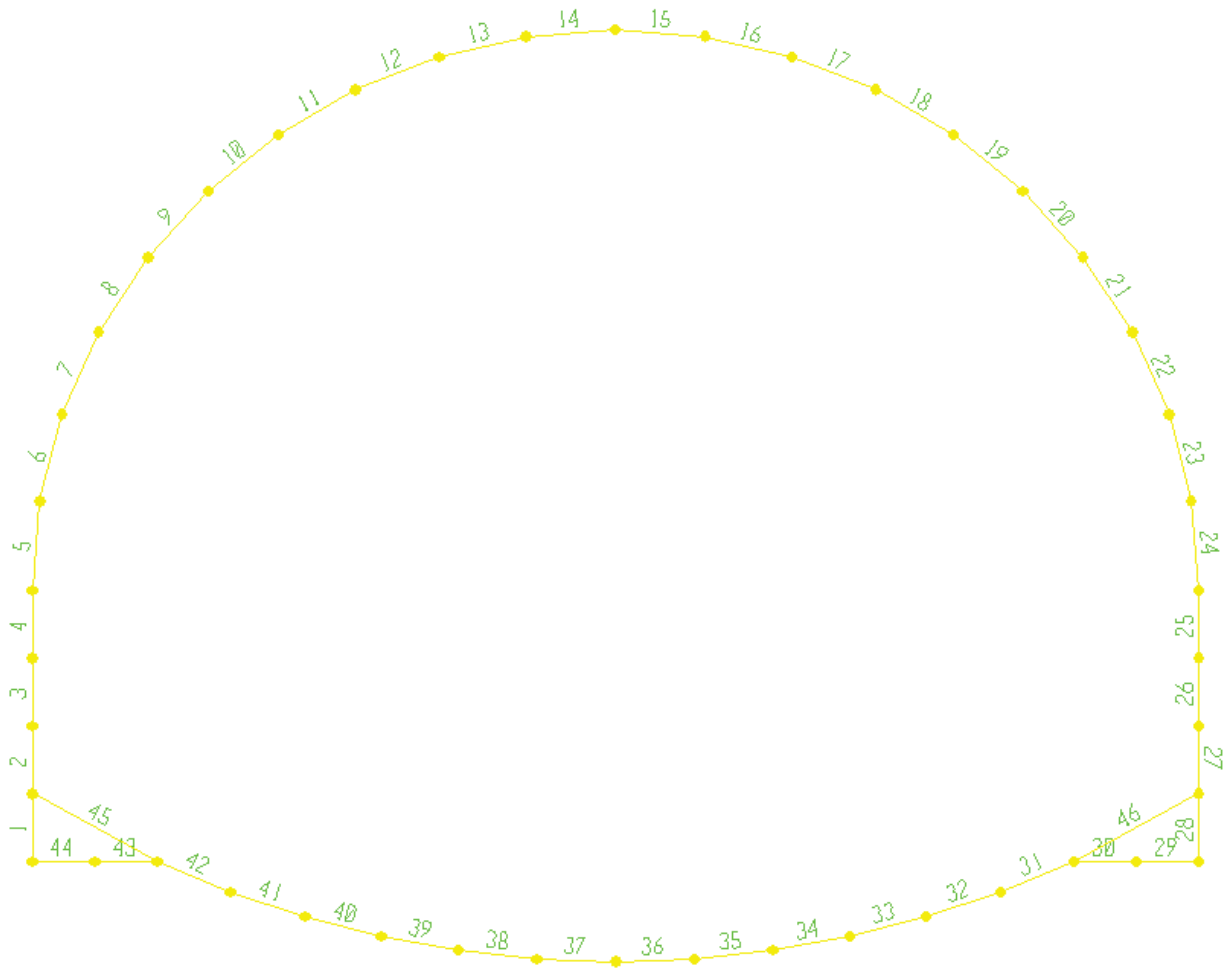
Numerazione aste nel modello di calcolo (carreggiata sx)



PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Numerazione aste nel modello di calcolo (carreggiata dx – galleria allargata)



In corrispondenza dei frame vengono posti degli elementi elastici radiali (molle elastiche) uniformemente distribuiti, che hanno lo scopo di simulare l'interazione tra il terreno e la struttura e che inducono su quest'ultima, solo se compresse, una reazione pari alla pressione di contatto terreno-struttura.

La rigidezza di tali supporti è calcolata secondo la formulazione seguente (Formola di Galerkin):

$$K = E / (R_{eq} \cdot (1+\nu))$$

essendo:

E modulo di deformabilità del terreno

ν coefficiente di Poisson del terreno

R_{eq} raggio di curvatura equivalente.

5 CARATTERIZZAZIONE GEOMECCANICA DI CALCOLO

5.1 PREMESSA

La presente relazione è relativa allo studio geotecnico a supporto del progetto esecutivo di *ammodernamento ed adeguamento alla Cat. B D.M. 5/11/2001 della S.S. 640 Agrigento – Caltanissetta tratto dal Km 44+1000 allo svincolo con l'autostrada A19*, ed è redatta in ottemperanza al D.M. 14/01/2008 “*Approvazione delle nuove norme tecniche per le costruzioni*” ed alla Circolare 02/02/2009 n. 617 C.S.LL.PP. “*Istruzioni per l'applicazione delle Nuove norme tecniche per le costruzioni di cui al Decreto Ministeriale 14/01/2008*” nel rispetto dei contenuti previsti dal punto 4.9 dell'Allegato NG15 - A.N.A.S. “*Capitolato d'Oneri – Prescrizioni per la redazione del progetto esecutivo*”

Lo studio è stato condotto sulla scorta del progetto definitivo nonché dei risultati delle indagini dirette e indirette effettuate nella campagna integrativa svolta nel 2010.

La presente relazione è finalizzata alla definizione delle unità geotecniche presenti caratterizzate sia per tipologia che per spessori e successione stratigrafica, ed all'assegnazione dei relativi parametri.

Ciò è stato eseguito a partire dall'esame delle unità geologico-tecniche descritte nella relazione geologica, con l'ausilio ed elaborazione delle risultanze dei sondaggi, delle prove geotecniche in sito ed in laboratorio. Tale trattazione prevede la descrizione di tutte le indagini in sito ed in laboratorio effettuate nel corso dei tre livelli di progettazione.

In coerenza a quanto riportato negli studi specialistici del Progetto esecutivo, nella presente relazione si farà riferimento alla suddivisione in tratti e sottotratti così come di seguito riportato:

PROGETTO ESECUTIVO
RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Tratto	Sottotratto	Denominazione	Progressive
1	A	Grottarossa	0+000 ÷ 4+500
1	B	Grotta d'Acqua - Favarella	4+500 ÷ 9+500
1	C	Seconda variante	9+500 ÷ 12+140
2		Caltanissetta	12+140 ÷ 17+640
3	A	Busita	17+640 ÷ 19+500
3	B	Abbazia - Arenella	19+500 ÷ 26+600
3	C	Imera	26+600 – 28+080

In particolare, questa relazione è focalizzata sul tratto n. 3B “Abbazia - Arenella” all’interno del quale è presente la Galleria naturale Cozzo Garlatti di lunghezza pari a 183 m (Carreggiata SX) e 156 m (Carreggiata DX).

5.2 DESCRIZIONE DELLE INDAGINI IN SITO E IN LABORATORIO

Si riporta di seguito la sintesi delle indagini svolte sia durante le precedenti fasi progettuali sia negli ultimi mesi ad integrazione di quanto sinora svolto (indagini integrative 2010 di fase I e di fase II).

5.2.1 Indagini condotte nelle precedenti fasi progettuali

Campagna di indagine ANAS eseguita nel 1988 (progetto preliminare).

In fase di redazione del progetto preliminare del raddoppio di carreggiata dell’intera S.S. 640 è stata eseguita una campagna di indagine direttamente a cura dell’ANAS, sviluppatasi lungo tutto il tracciato esistente della S.S. 640 da Agrigento a Caltanissetta.

Sono stati effettuati n. 46 sondaggi a carotaggio continuo; nessuno dei sondaggi effettuati in questa fase ricade all’interno della tratta cui fa riferimento la presente relazione (Tratto n.3B “Abbazia - Arenella”).

Campagna del Progetto Definitivo

Le indagini e prove geotecniche sono state programmate e suddivise in due distinte fasi.

Fase 1, eseguita nel periodo Febbraio ÷ Aprile 2006, finalizzata a ricostruire il modello geologico generale del territorio;

Fase 2, eseguita nel mese di Maggio 2006, ad infittimento delle indagini di prima fase, finalizzata alla definizione del modello geologico-tecnico del sottosuolo per il corretto dimensionamento di tutte le opere d'arte e manufatti interagenti con il terreno (viadotti, gallerie, rilevati opere di corredo, ecc.).

Complessivamente le indagini eseguite possono così riassumersi:

Sondaggi meccanici:

Perforazioni a rotazione con carotaggio continuo e in parte a distruzione di nucleo, finalizzate alla determinazione dei profili stratigrafici e delle caratteristiche meccaniche dei vari livelli litologici. Le carote estratte nel corso delle perforazioni sono state raccolte, catalogate e fotografate nelle apposite cassette, per eseguire la ricostruzione delle stratigrafie.

Per ogni sondaggio sono stati prelevati in media da due a quattro campioni indisturbati, in relazione alla litologia riscontrata ed all'opera d'arte da realizzare, per condurre le analisi a prove geotecniche di laboratorio.

In particolare, per il Tratto n.3B i sondaggi eseguiti ed i campioni prelevati sono riassunti nella seguente tabella.

Nessun sondaggio indaga direttamente la zona attraversata dalla Galleria Cozzo Garlatti.

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Tratta/Sottotratta denominazione progressiva	N°	Sondaggio	Profondità (m)	Campioni		
				N°	Denominazio- ne	Profondità (m)
3/B Abbazia - Are- nella Progr. 19.500 + 26.600	49	S38	25,00	1	S38C1	9,00-9,50
				2	S38C2	18,00-18,50
	50	S56	30,00	1	S56C1	8,00-8,50
				2	S56C2	15,80-16,30
				3	S56C3	26,30-26,80
	51	S39	30,00	1	S39C1	3,60-4,10
				2	S39C2	12,00-12,50
				3	S39C3	25,00-25,50
	52	S40	30,00	1	S40C1	8,80-9,30
				2	S40C2	14,80-15,30
3				S40C3	25,00-25,50	
53	S41	30,00	1	S41C1	8,00-8,50	
			2	S41C2	18,00-18,50	
			3	S41C3	25,50-26,00	
54	S57	25,00	1	S57C1	3,00-3,50	
			2	S57C2	10,00-10,50	
55	S42	25,00	1	S42C1	4,00-4,50	
			2	S42C2	12,00-12,50	
			3	S42C3	25,00-25,50	
56	S58	30,00	1	S58C1	8,10-8,60	
			2	S58C2	16,00-16,50	
			3	S58C3	26,00-26,50	
57	S43	30,00	1	S43C1	4,50-5,00	
			2	S43C2	12,00-12,50	
			3	S43C3	25,00-25,50	

5.2.2 Indagini integrative del progetto esecutivo - fase 1 del 2010

La campagna integrativa di indagini è stata condotta tra luglio e settembre 2010, al fine di approfondire la conoscenza geologica e geotecnica, coerentemente con il nuovo quadro normativo di riferimento (N.T.C. 2008).

Le indagini integrative sono state costituite da:

Sondaggi meccanici

Per il Tratto n. 3B “Abbazia - Arenella” sono stati eseguiti n. 3 perforazioni a carotaggio continuo condotti con profondità comprese tra 25 e 30 m da p.c., localizzati opportunamente

lungo il tracciato in progetto. Le profondità sono state scelte in funzione dell'opera d'arte interessata. I campioni prelevati durante l'esecuzione dei sondaggi a carotaggio continuo, sono stati sottoposti alle seguenti prove di laboratorio, finalizzate alla definizione delle caratteristiche fisiche e meccaniche e chimiche dei litotipi riscontrati, in numero e tipologia stabiliti in relazione alla natura e qualità dei campioni prelevati:

- Classificazione della terra mediante: Analisi granulometrica e classificazione secondo la CNR-UNI 10006;
- Determinazione dei Limiti di Atterberg: consistenza liquido, plastico ed indice plastico;
- Peso specifico dei grani, peso specifico secco del contenuto in acqua ;
- Prove di taglio diretto
- Prove triassiali
- Prove edometriche ed determinazione del coefficiente Cv

Si è provveduto, inoltre, su alcuni campioni prelevati durante i sondaggi a diverse altezze, ad effettuare apposite determinazioni chimiche atte a verificare se i terreni risultano idonei al trattamento di bonifica a calce:

- Contenuto di Sostanze Organiche;
- Determinazione del valore di Blu di metilene VB;
- Contenuto di solfati, solfuri e nitrati;

Nelle seguenti tabelle è riportato il quadro delle indagini e prove in situ eseguite, per la tratta oggetto di relazione.

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Tratta/Sottotratta denominazione progressiva	N°	Sondaggio	Tipologia	Note	Profondità (m)	Campioni		
						N°	Denominazione	Profondità (m)
3/B Abbazia - Are- nella Progr. 19.500 + 26.600	18	S18	-	-	30,00	1	C1	5,50-6,00
						2	C2	11,50-12,00
						3	C3	17,50-18,00
						4	C4	23,50-24,00
						5	C5	29,50-30,00
	19	S19	Down Hole	-	30,00	1	C1	5,50-6,00
						2	C2	12,00-12,30
						3	C3	17,50-18,00
						4	C4	23,50-24,00
						5	C5	29,50-30,00
	20	S20	-	-	25,00	1	C1	5,50-6,00
						2	C2	12,50-12,80
						3	C3	17,50-18,00
						4	C4	18,00-18,50
						5	C5	25,00-25,50

Prospezioni geofisiche

- Sismica in foro: prova tipo down-hole effettuate nel sondaggio S19 finalizzato alla determinazione del parametro VS30 per la caratterizzazione sismica dei litotipi di imposta delle fondazioni ai sensi del DM 14/01/2008.

5.2.3 Indagini integrative di fase 2 del 2010

Ad integrazione ed approfondimento delle indagini svolte a supporto del progetto esecutivo, tra il mese di ottobre ed inizio dicembre 2010, è stato attuato un Piano d'indagini dirette ed indirette, prodotto nell'ottobre 2010 ed attuato.

Lungo il tracciato della Galleria naturale Cozzo Garlatti non sono presenti indagini integrative di Fase II.

DETERMINAZIONE DELLE UNITÀ GEOTECNICHE E ATTRIBUZIONE DEI PARAMETRI CARATTERISTICI

TRATTO 3B –Abbazia - Arenella

Il presente tratto si sviluppa dalla progressiva 19+500 alla progressiva 26+600

Tratto	Sottotratto	Denominazione	Progressive
3	B	Abbazia - Arenella	19+500 ÷ 26+600

Le opere d'arte previste all'interno di tale tratto sono riportate nella tabella che segue:

Denominazione	Progressive	
	Inizio	Fine
Viadotto "Santuzza I"	19+800	19+960
Viadotto "Santuzza II"	20+340	20+765
Viadotto "Santuzza III"	20+820	21+040
Viadotto "Arenella I"	22+655	22+830
Viadotto "Arenella II"	24+550	24+680
Viadotto "Arenella III"	25+180	25+775
Galleria naturale "Cozzo Garlatti"	25+830	26+010
Svincolo "S.S. 626"	26+220	26+460

Nel seguito si entrerà nello specifico della caratterizzazione geotecnica-geomeccanica del tratto riguardante la Galleria naturale Cozzo Garlatti dalla progressiva 25+830 alla progressiva 26+010.

Come riportato nello studio geologico allegato al progetto esecutivo, il sottotratto è interessato dalle seguenti formazioni:

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

1. dalla prog. 25+830 alla prog. 26+070 affiora la facies sabbiosa del tortoniano, costituita da sabbie di colore giallastro, talora ben classate, e con una composizione quasi esclusivamente quarzosa, e delle arenarie (TRVA), di colore giallastro, in banconi separati da interstrati marnoso - sabbiosi poco compatti; a luoghi sono anche presenti affioramenti calciruditi e calcarenitici a stratificazione incrociata relazionabile a correnti trattive che testimoniano un ambiente di deposizione fluvio – deltizio;

In prossimità della Galleria Cozzo Garlatti si interseca la formazione Terravecchia, che nell'area è interessata da una importante piega anticlinale il cui lato occidentale ricade lungo il tracciato di progetto insiste in due differenti litologie e modelli geologico-tecnici.

La tipologia costruttiva della galleria prevede interamente l'attraversamento di materiali litoidi dati dalla formazione delle Sabbie, arenarie, calciruditi e calcareniti della Terravecchia del Tortoniano.

Si tratta di arenarie conglomeratiche e conglomerati con ciottoli quarzarenitici e in minore misura granitoidi. Comune è la stratificazione incrociata prodotta da correnti trattive e frequenti sono le interstratificazioni di livelli decimetrici di argille marnoso – sabbiose. E' probabile che la presenza di queste interstratificazioni abbia provocato dei fenomeni superficiali di dissesto con movimenti di scivolamento proprio a contatto di strati meno coerenti in occasione dei maggiori eventi pluviometrici (vedi carta geomorfologica). Anche la stessa giacitura degli strati, con una pendenza che va dai 40-45° a franapoggio può favorire l'innescio di tali fenomeni franosi superficiali. Ad Ovest del rilievo in esame, sembrerebbe decorrere una struttura distensiva che interessa la formazione argillosa.

In sintesi la formazione che interessa direttamente la galleria è la seguente:

Galleria naturale "Cozzo Garlatti"	25+830	26+010	Sabbie, arenarie, calciruditi e calcareniti (TRVA)
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L'ammasso roccioso è costituito da calcareniti, sabbie e conglomerati in strati, spessi mediamente da 20 a 60 cm, fino ad un massimo di 170 cm ca., separati da partimenti prevalentemente argilloso - limoso - sabbiosi. La facies sabbiosa, appartenente alla

Formazione “Terravecchia”, è ascrivibile al Tortoniano ed è costituita da sabbie di colore giallastro, talora ben classate, e con una composizione quasi esclusivamente quarzosa, e dalle arenarie (TRVA), di colore giallastro, in banconi separati da interstrati marnoso - sabbiosi poco compatti; a luoghi sono anche presenti affioramenti calciruditici e calcarenitici a stratificazione incrociata relazionabile a correnti trattive che testimoniano un ambiente di deposizione fluvio – deltizio.

I livelli prettamente calcarenitici, spesso duri e compatti, si alternano più o meno ritmicamente alle sabbie ed ai conglomerati, ma presentano spessori più esigui delle componenti incoerenti.

A grande scala, il comportamento dell'ammasso è da considerare al passaggio tra una roccia debole (weak rock) ed un terreno.

5.3 MODELLAZIONE GEOTECNICA

I campioni prelevati durante l'esecuzione dei sondaggi a carotaggio continuo, sono stati sottoposti alle seguenti prove di laboratorio, finalizzate alla definizione delle caratteristiche fisiche e meccaniche e chimiche dei litotipi riscontrati, in numero e tipologia stabiliti in relazione alla natura e qualità dei campioni prelevati:

- Classificazione della terra mediante: Analisi granulometrica e classificazione secondo la CNR-UNI 10006;
- Determinazione dei Limiti di Atterberg: consistenza liquido, plastico ed indice plastico;
- Peso specifico dei grani, peso specifico secco del contenuto in acqua ;
- Prove di taglio diretto
- Prove triassiali
- Prove edometriche ed determinazione del coefficiente C_v

Interpretando i risultati delle prove di laboratorio effettuate sui campioni prelevati dai sondaggi di I fase sono stati ricavati i seguenti risultati in termini di caratteristiche fisiche, geomeccaniche, di resistenza e deformabilità.

*Corridoio PlurimodaleTtirrenico - Nord Europa / Itinerario Agrigento – Caltanissetta - A19 / S.S. n° 640 "di Porto Empedocle"
Ammodernamento e adeguamento alla Cat. B del D.M. 5.11.2001 dal km 44+000 allo svincolo con l'A19*

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Campagna di I Fase

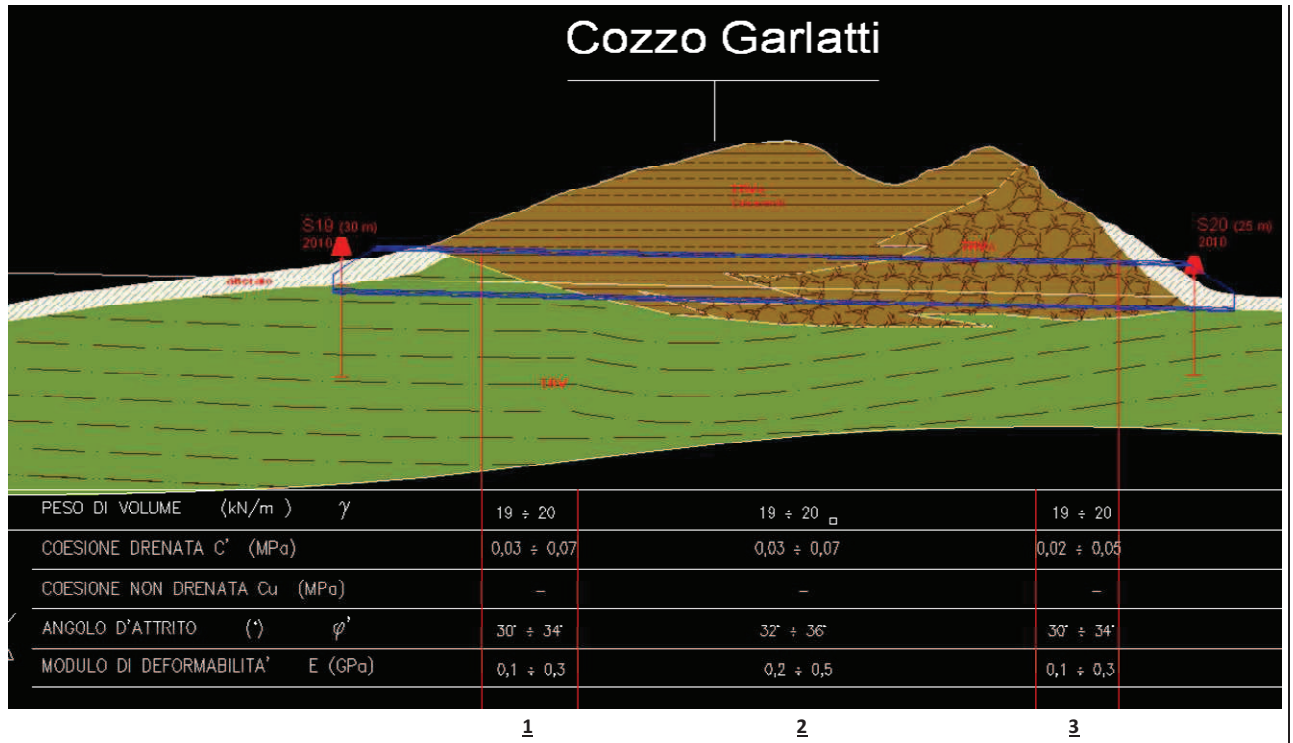
Campione				W _n %	γ ₀ kg/m ³	γ ₁ kg/m ³	γ ₂ kg/m ³	e	n	s	Ghiaia %	Sabbia %	Limo %	Argilla %	W _i %	W _p %	* I _p %	* I _c %	* I ₁ %	A
Sigla	Prot. N°	Profondità [m]	Colore																	
S19 - C1	CBA 1437	5,50 - 6,00	Light Olive brown 5/4	22,9	2691	2008	1634	0,647	0,393	95	0,00	8,32	43,18	48,5	68	21	47	1,0	0,04	0,97
S19 - C2	CBA 1437	12,00 - 12,30	Dark Greenish Grey 5B 4/1	15,5	2724	1936	1677	0,625	0,384	68	0,37	5,80	60,92	32,91	52	31	21	1,7	-0,74	0,64
S20 - C1	CBA 1443	5,50 - 6,00	Light Olive Broen	10,9	2651	1997	1800	0,472	0,321	61	5,51	75,93	17,30	1,25	N.P.	N.P.	N.P.	-	-	-
S20 - C2	CBA 1443	12,50 - 12,80	Dark Grey 5V 4/1	15,8	2652	1965	1696	0,564	0,360	75	11,56	64,79	14,91	8,75	29	11	18	0,7	0,27	2,06
S20 - C3	CBA 1443	18,00 - 18,50	Dark bluish Gray 5B 4/1	9,1	2656	2052	1881	0,412	0	59	5,57	82,76	10,18	1,49	N.P.	N.P.	N.P.	-	-	-
S20 - C4	CBA 1443	25,00 - 25,50	Dark Grey 5V 4/1	13,9	2697	2074	1820	0,482	0,325	78	0,19	36,45	39,85	23,51	34	19	15	1,3	-0,34	0,64

Sigla	Prot. N°	Profondità [m]	Colore	Prova di taglio diretto C.D.				Prova Triassiale UU		E.L.L.	Prova di compressione triassiale CU				Elasticità				ES	ISS	Fodest	
				σ ₁	σ ₂	σ ₃	τ	σ ₁	σ ₂		σ ₃	τ	σ ₁	σ ₂	σ ₃	τ	E	ν				K
S19 - C1	CBA 1437	5,50 - 6,00	Light Olive brown 5/4	83,07 196,14 294,21	43,39 88 111,58		11,8	19,0														608
S19 - C2	CBA 1437	12,00 - 12,30	Dark Greenish Grey 5B 4/1	196,14 392,28 588,42	70,56 141 180,63		10,0	16,5														
S20 - C1	CBA 1443	5,50 - 6,00	Light Olive Broen	93,07 196,14 294,21	64,32 128,64 182,57		9,0	31,1														
S20 - C2	CBA 1443	12,50 - 12,80	Dark Grey 5V 4/1																			117
S20 - C3	CBA 1443	18,00 - 18,50	Dark bluish Gray 5B 4/1	83,07 196,14 294,21	66,75 133,51 200,27		9,3	31,6														
S20 - C4	CBA 1443	25,00 - 25,50	Dark Grey 5V 4/1	196,14 392,28 588,42	112,88 225,76 338,64		9,7	29,0														367

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Dall'analisi dei profili geologici e dalle risultanze delle indagini di laboratorio sono stati definite fasce che riassumono comportamenti geotecnici assimilabili e caratteristiche meccaniche di resistenza e deformabilità omogenee.



La tipologia costruttiva della Galleria naturale Cozzo Garlatti, prevede l'attraversamento di materiali litoidi dati dalla formazione delle Sabbie, arenarie, calciruditi e calcareniti della Terravecchia del Tortoniano.

Riassumendo, nella tabella successiva, sono riportati i parametri geomeccanici adottati all'interno delle modellazioni di calcolo della galleria artificiale di imbocco lato A19 della Galleria Cozzo Garlatti.

Formazione	γ (kN/m ³)	c' (kPa)	ϕ' ($^{\circ}$)	E (MPa)
Terreno di riporto (calotta e piedritti)	20	0	35	40

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Marne argillose (arco rovescio)	19	25	24	80
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6 VERIFICA GALLERIA ARTIFICIALE CARR. SX (R=6.45M)

6.1 GEOMETRIA DELLA SEZIONE E PARAMETRI DI CALCOLO PER L'ANALISI

La galleria artificiale presenta un ritombamento massimo pari a circa 4.5 m per la carreggiata sx.

Per la valutazione della rigidità degli elementi molla, che simulano il terreno, si è utilizzata la formula di Galerkin, come descritto precedentemente.

Sulla base della stratigrafia è stato assunto un modulo elastico $E_1 = 40$ MPa in corrispondenza dei piedritti e calotta, e un modulo $E_2 = 80$ MPa in corrispondenza dell'arco rovescio; con $\nu = 0.3$ e $R_{eq} = 7.05$ m in calotta e $R_{eq} = 12.50$ m in arco rovescio si ha:

$$K = E_1 / (R_{eq} (1 + \nu)) = 4364 \text{ kN/m}^3$$

$$K = E_2 / (R_{eq} (1 + \nu)) = 4923 \text{ kN/m}^3$$

Le combinazioni di calcolo analizzate sono le seguenti:

SLE	CASO	AZIONI γF				PROPRIETA' TERRENO γM			RESISTENZE γR		
		PERMANENTI		VARIABILI		$\tan\Phi'$	c'	C_u	q_B	δ	K_p
		SFAV.	FAV.	SFAV.	FAV.						
NO SISMA	1	1	1	1	0	1	1	1	1	1	1

SLE	CASO	AZIONI γF				PROPRIETA' TERRENO γM			RESISTENZE γR		
		PERMANENTI		VARIABILI		$\tan\Phi'$	c'	C_u	q_B	δ	K_p
		SFAV.	FAV.	SFAV.	FAV.						
SISMA	1	1	1	1	0	1	1	1	1	1	1

SLU	CASO	AZIONI γF				PROPRIETA' TERRENO γM			RESISTENZE γR		
		PERMANENTI		VARIABILI		$\tan\Phi'$	c'	C_u	q_B	δ	K_p
		SFAV.	FAV.	SFAV.	FAV.						
A1+M1 (NO SISMA)	1	1.3	1	1.5 (no sisma)	0	1	1	1	1	1	1
A2+M2 (SISMA)	2	1	1	1.3 (anche sisma)	0	1.25	1.25	1.4	1	1	1

SLU	CASO	AZIONI γF				PROPRIETA' TERRENO γM			RESISTENZE γR		
		PERMANENTI		VARIABILI		$\tan\Phi'$	c'	C_u	q_B	δ	K_p
		SFAV.	FAV.	SFAV.	FAV.						
A1+M1 (NO SISMA)	1	1.3	1	1.5	0	1	1	1	1	1	1
A2+M2 (SISMA)	2	1	1	1.3	0	1.25	1.25	1.4	1	1	1

6.2 RISULTATI DELLE ANALISI

Nel seguito si riportano le verifiche relative alle condizioni di calcolo descritte in precedenza.

Essendo la struttura a spessore variabile le verifiche vengono svolte per le aste più sollecitate, considerando per ognuna di esse le sollecitazioni derivanti dalle combinazioni di carico più sfavorevoli. Per ogni sezione si considera la situazione più gravosa in termini di combinazione di sollecitazioni assiali e flettenti (verifiche a pressoflessione).

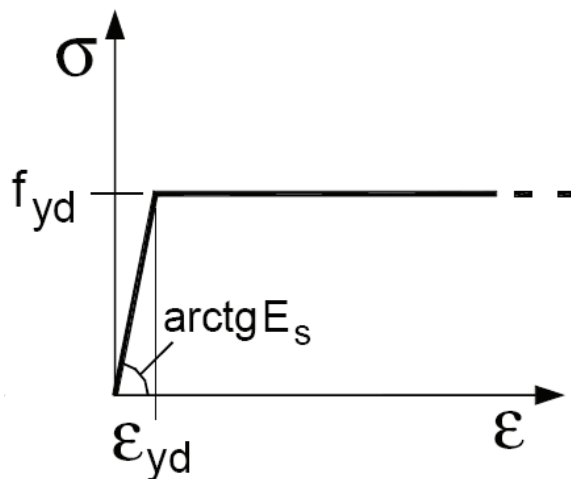
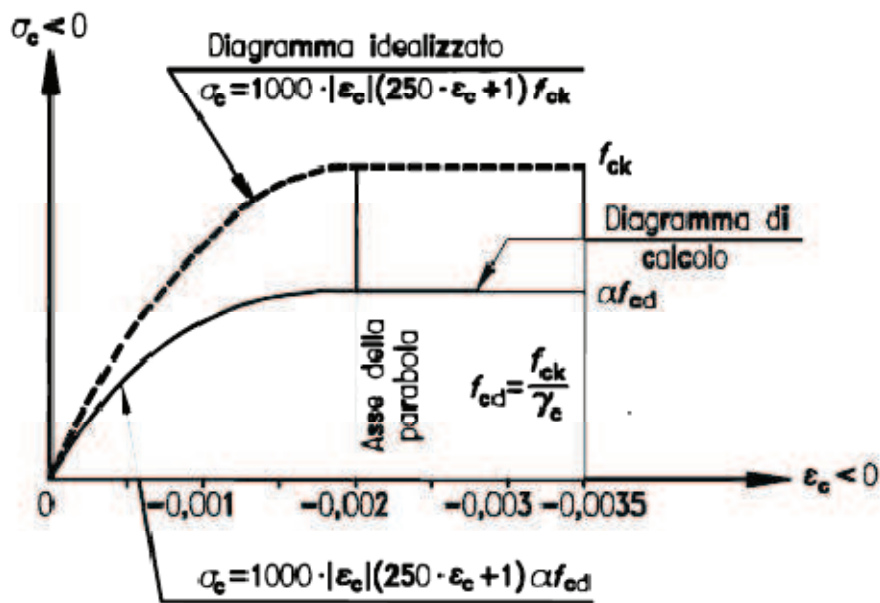
6.3 VERIFICA DELLA STRUTTURA

Per la sezione della galleria artificiale in c.a. soggetta a forza normale e flessione retta, la verifica si effettua operando nel piano N-M: basta accertare che il punto avente le coordinate M_d , N_d rappresentative degli effetti delle azioni di calcolo (cioè delle azioni di servizio moltiplicate per i correlativi coefficienti parziali di sicurezza γ_e), appartenga al dominio resistente, delimitato dalla curva di interazione M-N. Sono state verificate le sezioni in cemento armato della galleria artificiale ritenute più significative.

In questo caso viene adottato un procedimento rigoroso, basato sulle ipotesi seguenti:

- ~ diagramma σ - ε del calcestruzzo compresso a forma di parabola-rettangolo;
- ~ diagramma σ - ε dell'acciaio, sia teso che compresso, elastico-perfettamente plastico:
 - o conservazione delle sezioni piane;
 - o perfetta aderenza fra acciaio e calcestruzzo;
 - o calcestruzzo teso non reagente.

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI



Sono stati calcolati i momenti resistenti di progetto (momenti ultimi) corrispondenti al valore assegnato dell'azione assiale sollecitante di progetto Nsd. È stato verificato che il valore di Nsd non risulti maggiore del valore ultimo per compressione o trazione semplice. I momenti sono calcolati rispetto al baricentro della sezione.

Il momento resistente viene determinato dopo aver calcolato la curvatura che, in condizioni di deformazione limite del calcestruzzo o dell'acciaio, soddisfa l'equilibrio alla traslazione.

Sono stati ricavati i punti di dominio M-N della sezione, evidenziando la posizione del punto NSd-MSd rappresentativo dello stato di sollecitazione. Si assumono come positive le compressioni.

Successivamente sono state effettuate delle verifiche agli Stati Limite di Esercizio, che consistono in una limitazione delle tensioni di esercizio, e verifiche agli Stati Limite di Fessurazione (limitazione delle ampiezze massime delle aperture).

In particolare:

$\sigma_{cls} < 0.45 f_{ck}$ stato limite delle tensioni di esercizio nel calcestruzzo (combinazione quasi permanente)

$\sigma_{cls} < 0.60 f_{ck}$ stato limite delle tensioni di esercizio nel calcestruzzo (combinazione rara)

$\sigma_s < 0.80 f_{yk}$ stato limite delle tensioni di esercizio nell'acciaio di armatura

$w_k < 0.40 \text{ mm}$ ampiezza limite delle fessure (combinazione frequente)

$w_k < 0.30 \text{ mm}$ ampiezza limite delle fessure (combinazione quasi permanente)

Per il calcolo dell'apertura delle fessure si procede in questo modo:

$w_k = 1.7 s_{rm} \varepsilon_{sm}$ ampiezza delle fessure

dove:

w_k è l'ampiezza di calcolo delle fessure;

s_{rm} è la distanza media finale tra le fessure;

ε_{sm} è la deformazione media che tiene conto, nella combinazione di carico considerata, degli effetti di "tension stiffening", del ritiro ecc.;

$$\varepsilon_{sm} = \frac{\sigma_s}{E_s} \left[1 - \beta_1 \beta_2 \left(\frac{\sigma_{sr}}{\sigma_s} \right)^2 \right]$$

dove:

σ_s è la tensione nell'armatura tesa calcolata nella sezione fessurata;

σ_{st} è la tensione nell'armatura tesa calcolata nella sezione fessurata nella condizione di carico che induce la prima fessura;

β_1 è il coefficiente che tiene conto delle proprietà di aderenza delle barre, pari a:

~ 1,0 per barre ad aderenza migliorata,

~ 0,5 per barre lisce;

β_2 è il coefficiente che tiene conto della durata del carico o di carichi ripetuti, pari a:

~ 1,0 per un singolo carico di breve durata,

~ 0,5 per un carico di lunga durata o per molti cicli di carico ripetuti.

$$s_{rm} = 50 + 0.25k_1k_2 \frac{\Phi}{\rho_r}$$

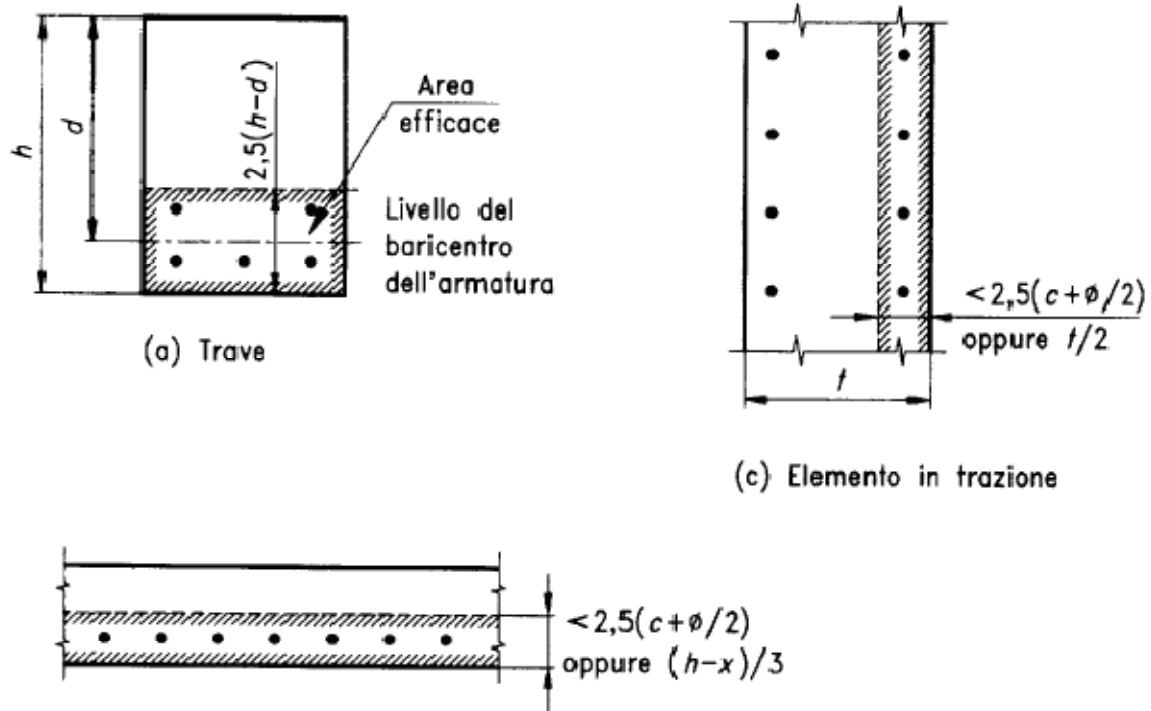
dove:

Φ è il diametro delle barre in mm; se nella stessa sezione sono impiegati più diametri, può essere adottato un diametro medio;

k_1 è il coefficiente che tiene conto delle proprietà di aderenza delle barre, pari a 0,8 per barre ad aderenza migliorata e 1,6 per barre lisce. Nel caso di deformazioni impresse k_1 può essere sostituito da k_1k con k definito in ;

k_2 è il coefficiente che tiene conto della forma del diagramma delle deformazioni, pari a 0,5 per flessione e 1,0 per trazione pura.

ρ_r è il rapporto di armatura efficace $AS/A_{c,eff}$, dove AS è l'area dell'armatura contenuta nell'area tesa efficace $A_{c,eff}$ l'area di trazione efficace è in genere l'area di calcestruzzo che circonda le armature tese, di altezza pari a 2,5 volte la distanza dal lembo teso della sezione al baricentro dell'armatura



Sono stati presi in considerazione, per le verifiche, sei elementi frame situati rispettivamente al centro dell'arco rovescio, sui piedritti, ai reni e in calotta.

È stata considerata una sezione di calcestruzzo armato avente base pari a 1 m , altezza variabile a seconda della sezione considerata con armatura costituita da tondini Φ 26 ogni 20 cm in calotta e piedritti e Φ 26 ogni 12.5 cm in arco rovescio disposti simmetricamente con copriferro pari a 5 cm.

Sono stati ricavati i valori di sforzo assiale e momento flettente in output dal software di calcolo per ogni combinazione di calcolo.

Si è accertato, in seguito, che i punti aventi le coordinate $\gamma_e N$, $\gamma_e M$ rappresentativi degli effetti delle azioni di calcolo (cioè delle azioni di servizio moltiplicate per i correlativi coefficienti parziali di sicurezza γ_e), appartengano al dominio resistente, delimitato dalla curva di interazione M-N.

È stata eseguita, inoltre, la verifica nei confronti delle sollecitazioni taglianti della sezione in calcestruzzo armato dotata di specifica armatura a taglio (staffe Φ 16 / 20) (DM2008 – 4.1.2.1.3.2).

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Per quanto riguarda le verifiche agli stati limite di esercizio, sono state monitorate sia le tensioni di esercizio nel calcestruzzo e nell'acciaio, sia le ampiezze delle aperture nel calcestruzzo fessurato.

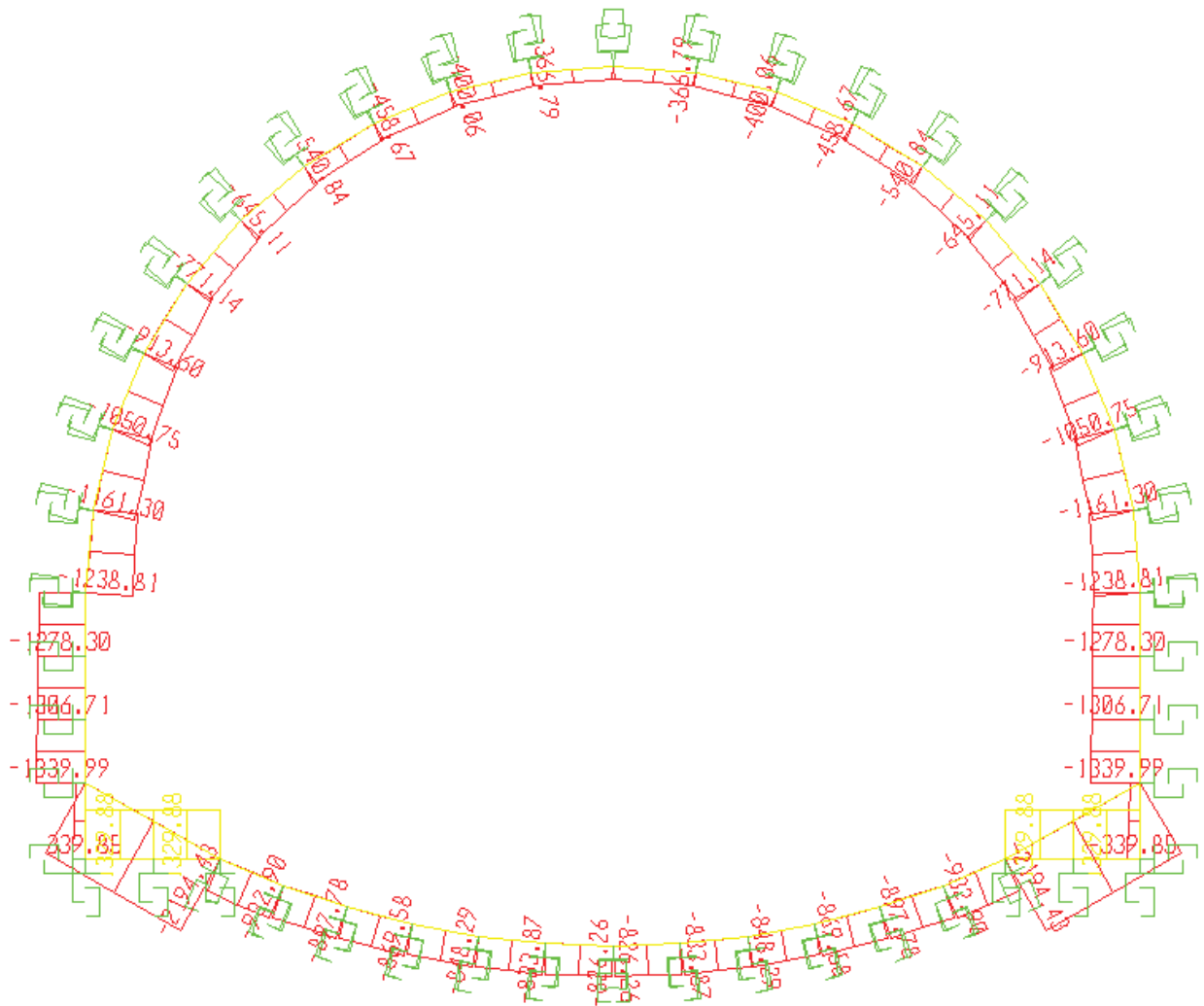


Diagramma azione assiale - SLE

PROGETTO ESECUTIVO
RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

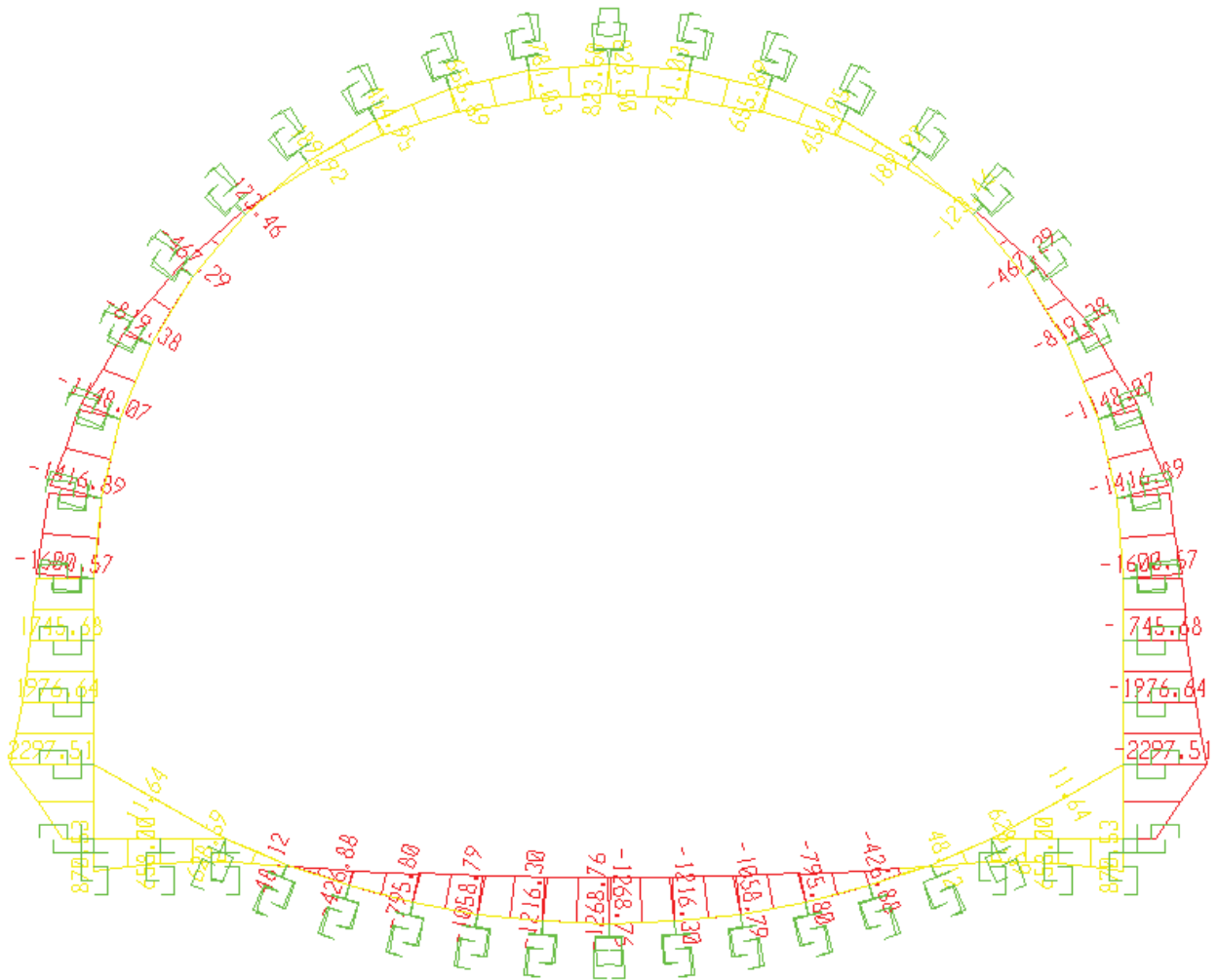


Diagramma momento flettente – SLE

PROGETTO ESECUTIVO
RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

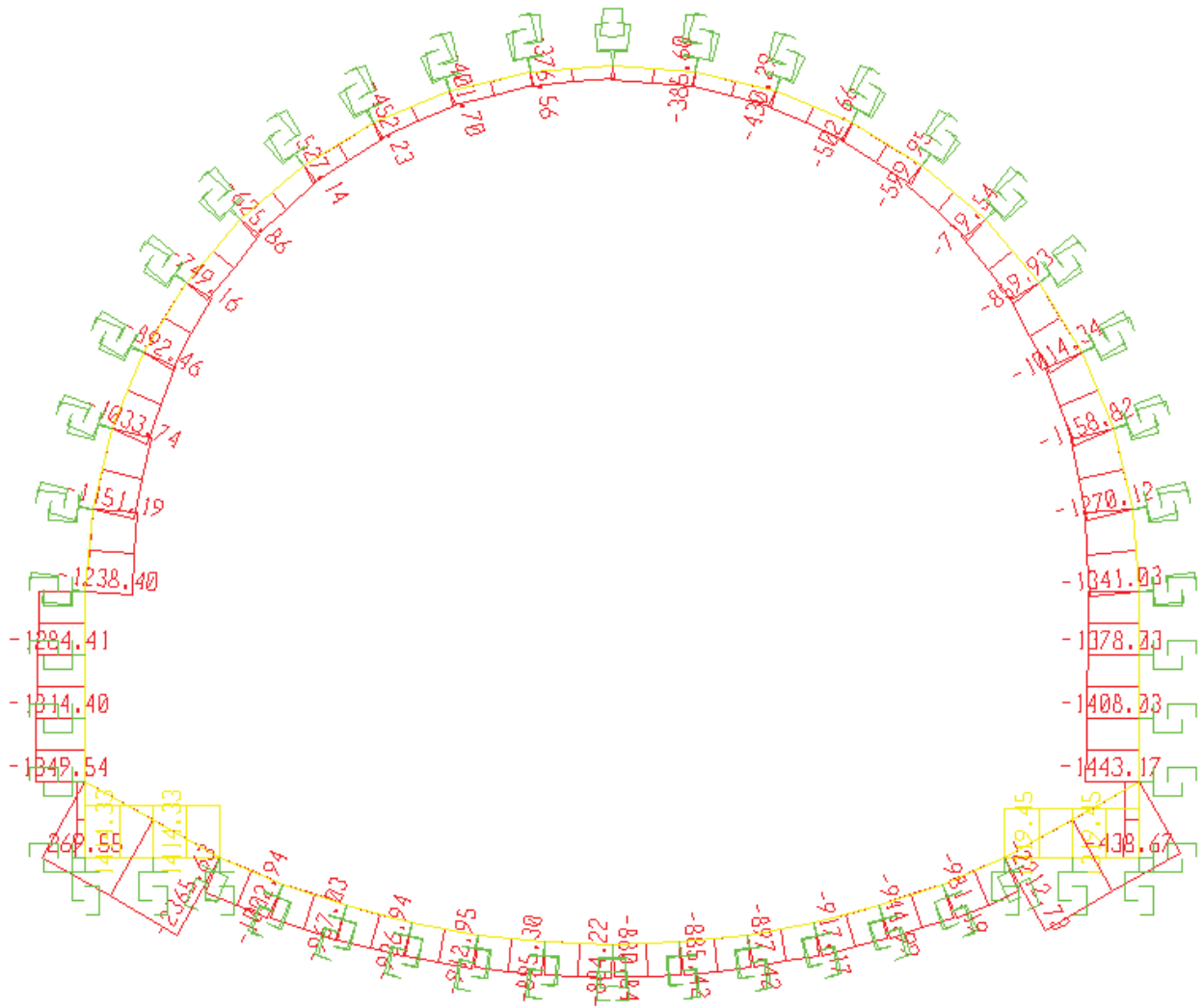


Diagramma azione assiale – SLE sisma down

PROGETTO ESECUTIVO
RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

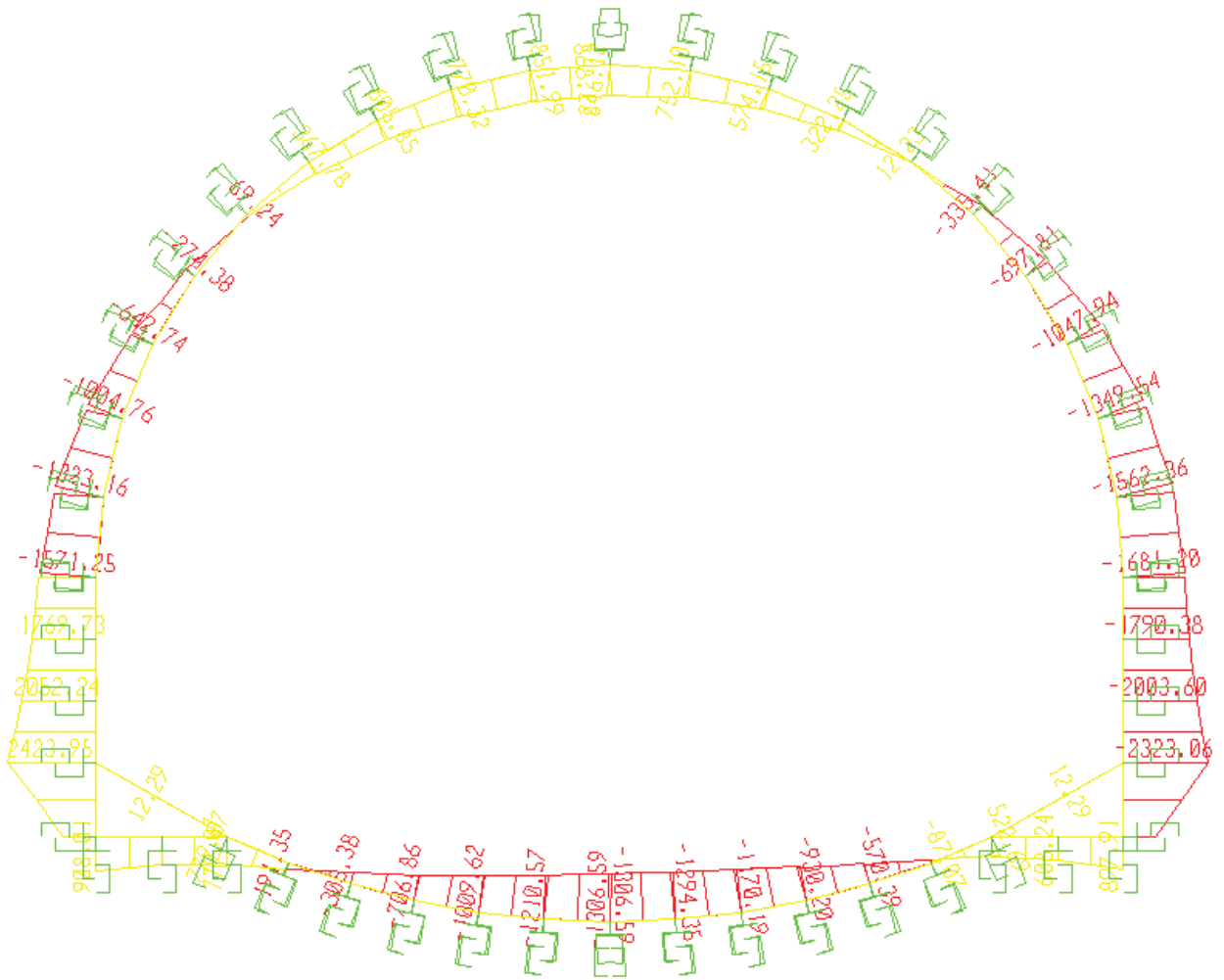


Diagramma momento flettente – SLE sisma down

PROGETTO ESECUTIVO
RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

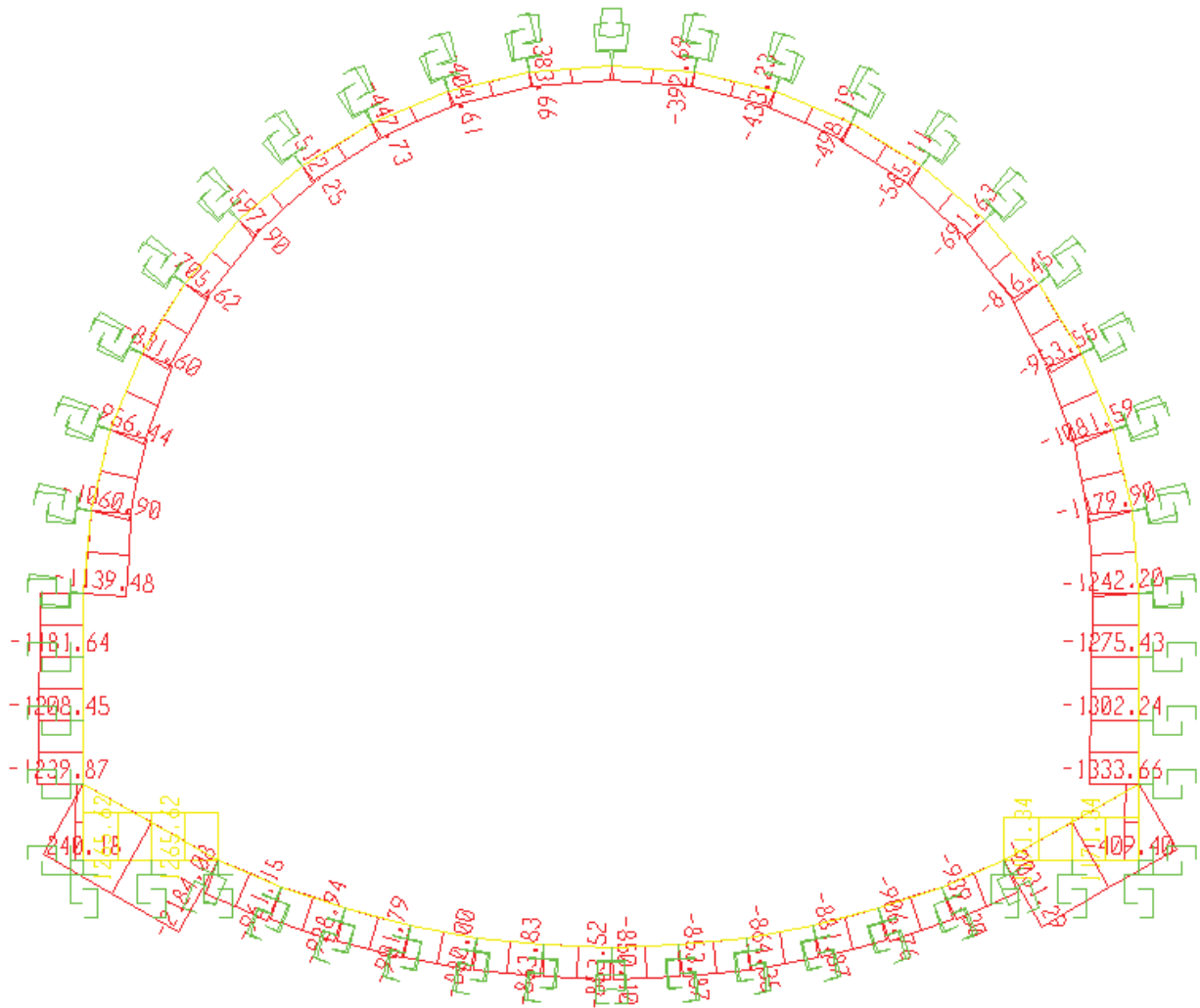


Diagramma azione assiale – SLE sisma up

PROGETTO ESECUTIVO
RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

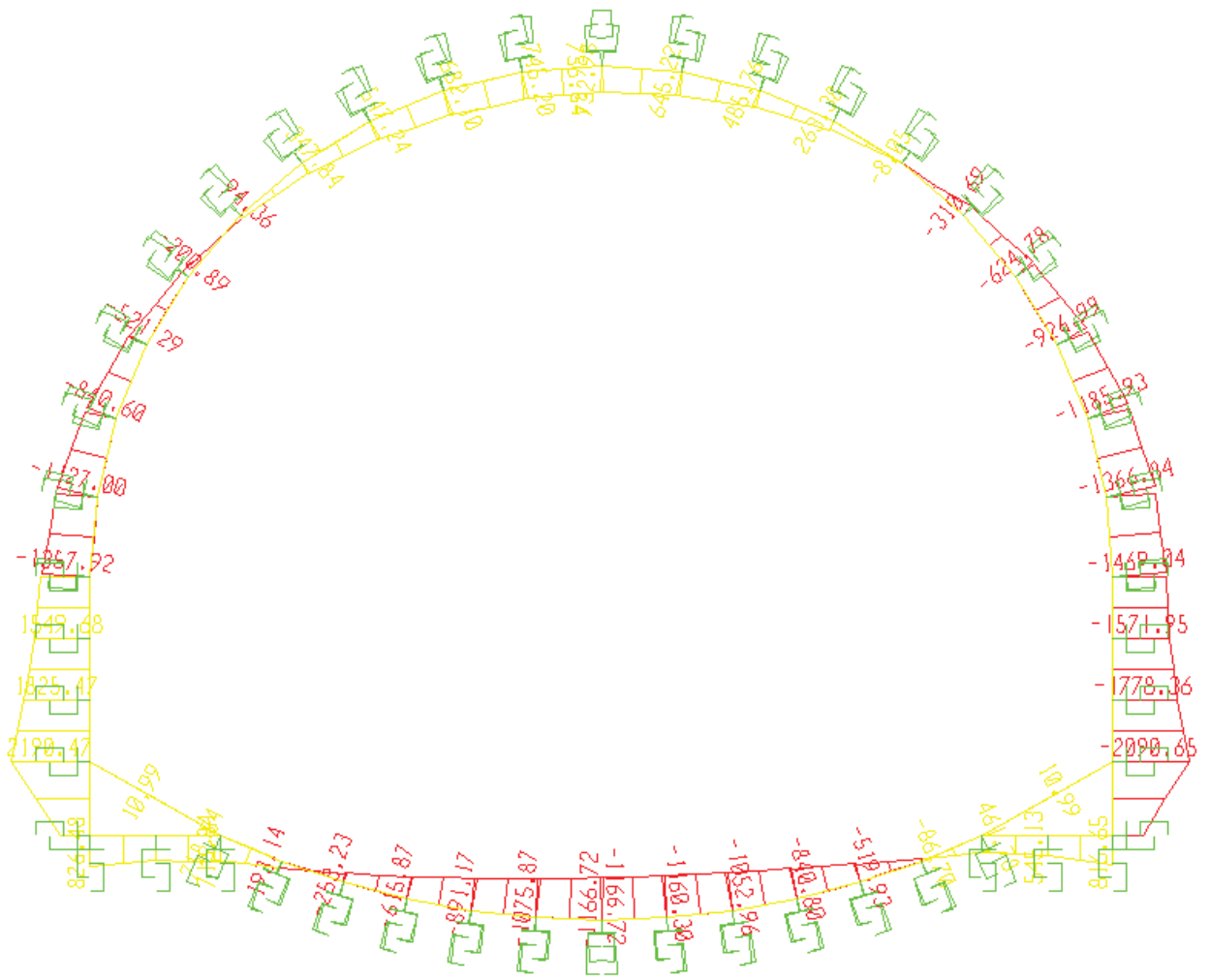


Diagramma momento flettente – SLE sisma up

PROGETTO ESECUTIVO
RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

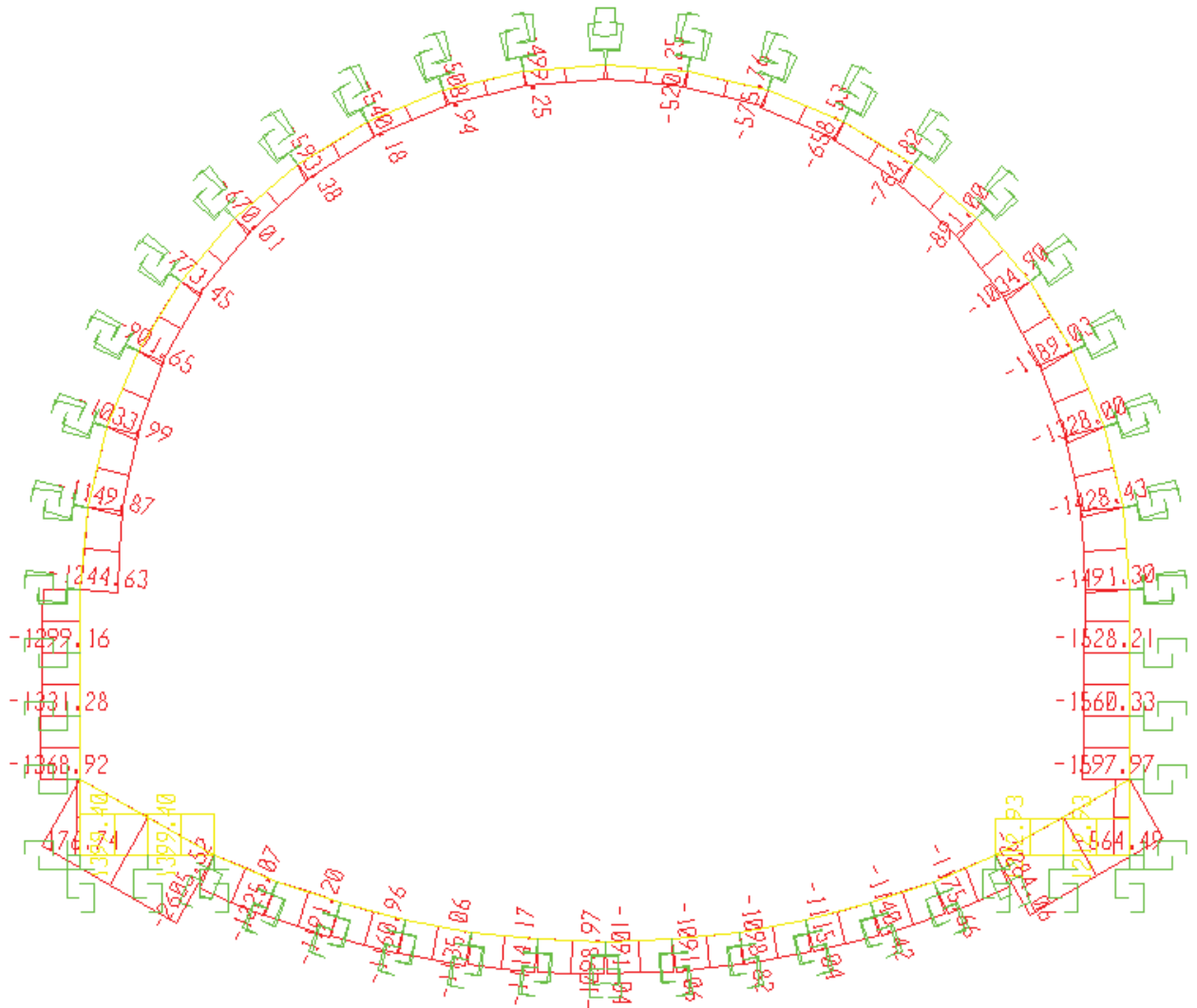


Diagramma azione assiale – SLU sisma down

PROGETTO ESECUTIVO
RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

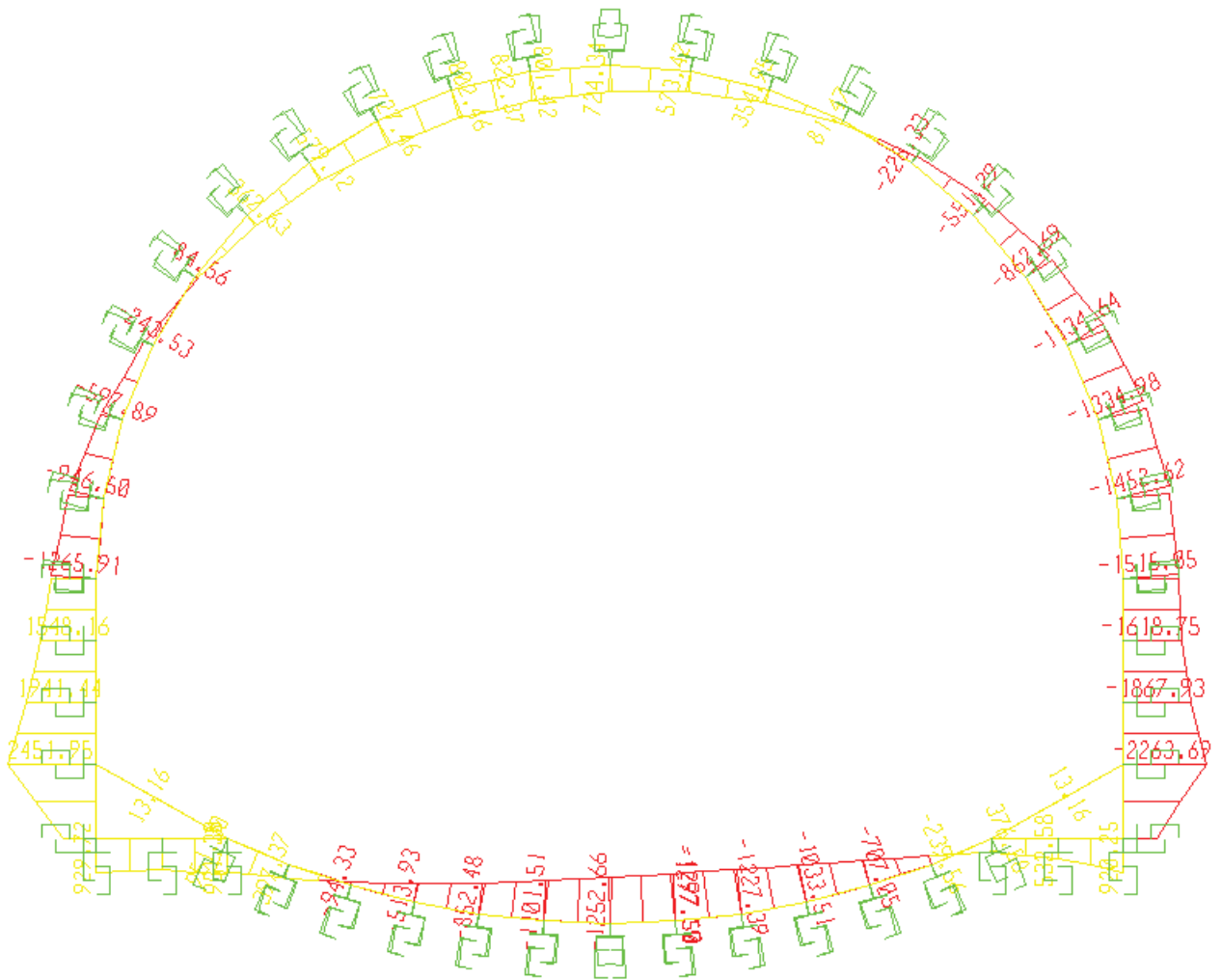
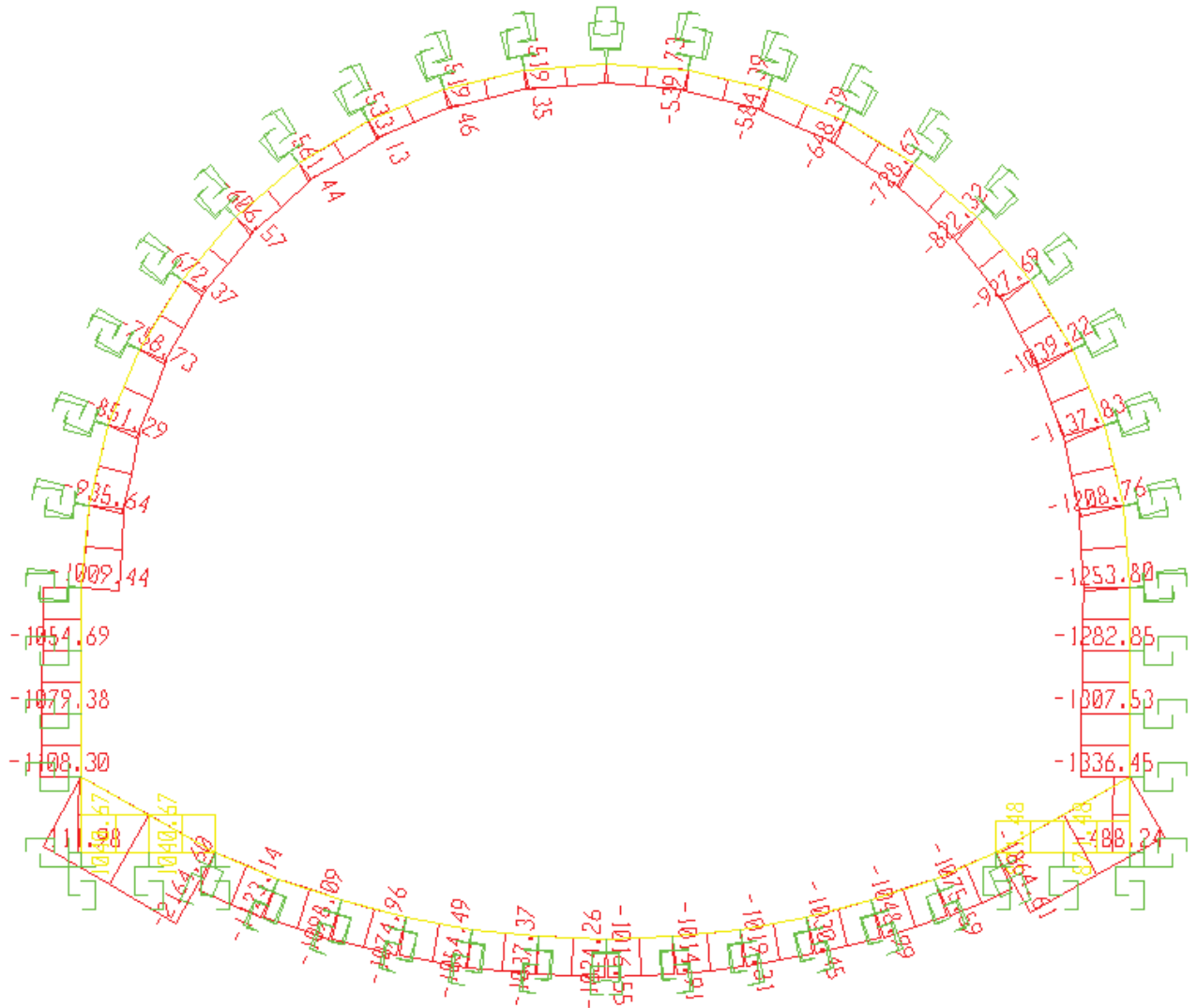


Diagramma momento flettente – SLU sisma down

PROGETTO ESECUTIVO
RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI



PROGETTO ESECUTIVO
RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

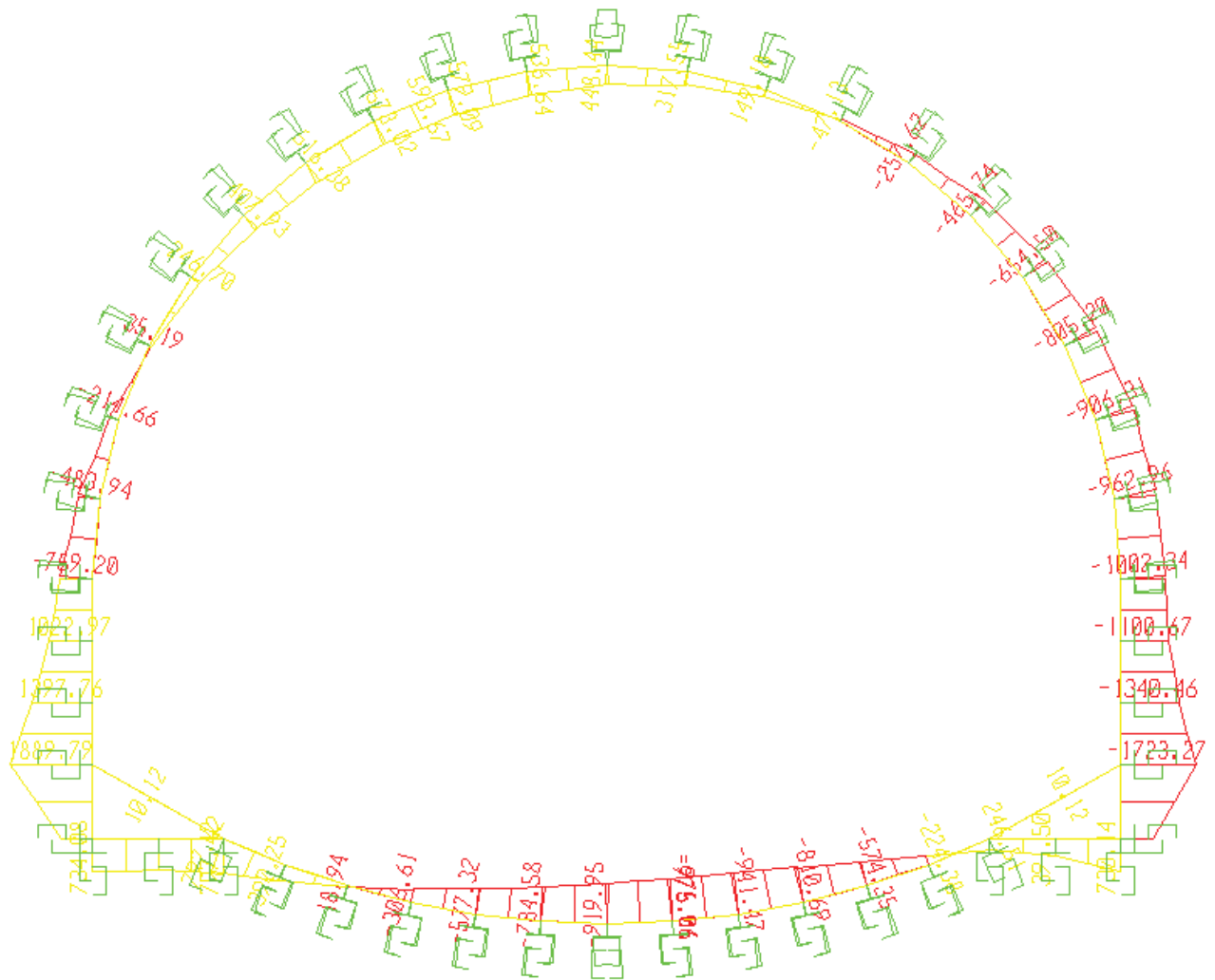


Diagramma momento flettente – SLU sisma up

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Combinazione 1 - SLE (no sisma) ye = 1												
punti	frame	posizione	As	As'	h sez (m)	N (kN)	M (kNm)	ye N (kN)	ye M (kNm)	σ_t (MPa)	σ_c (MPa)	σ_s (MPa)
1	14-15	calotta	Φ26/20	Φ26/20	1.20	360.00	823.00	360.00	823.00	2.65	5.29	227.00
2	9-10	rene sx	Φ26/20	Φ26/20	1.46	645.00	-123.00	645.00	-123.00	-	0.72	-
3	19-20	renedx	Φ26/20	Φ26/20	1.46	645.00	-123.00	645.00	-123.00	-	0.72	-
4	5-6	pedritto sx	Φ26/20	Φ26/20	1.29	1161.00	-1416.00	1161.00	-1416.00	3.56	8.20	269.00
5	23-24	pedritto dx	Φ26/20	Φ26/20	1.29	1161.00	-1416.00	1161.00	-1416.00	3.56	8.20	269.00
6	36-37	arco rovescio	Φ26/12.5	Φ26/12.5	1.00	826.00	1268.00	826.00	1268.00	5.07	8.80	256.00

Combinazione 2 - SLE (sisma verticale verso il basso) ye = 1												
punti	frame	posizione	As	As'	h sez (m)	N (kN)	M (kNm)	ye N (kN)	ye M (kNm)	σ_t (MPa)	σ_c (MPa)	σ_s (MPa)
1	14-15	calotta	Φ26/20	Φ26/20	1.20	370.00	846.00	370.00	846.00	2.73	5.44	233.00
2	9-10	rene sx	Φ26/20	Φ26/20	1.46	671.00	69.00	671.00	69.00	-	0.61	-
3	19-20	renedx	Φ26/20	Φ26/20	1.46	719.00	-335.00	719.00	-335.00	0.36	1.42	9.60
4	5-6	pedritto sx	Φ26/20	Φ26/20	1.29	1191.00	-1323.00	1191.00	-1323.00	3.25	7.65	236.00
5	23-24	pedritto dx	Φ26/20	Φ26/20	1.29	1270.00	-1562.00	1270.00	-1562.00	3.93	9.00	299.00
6	36-37	arco rovescio	Φ26/12.5	Φ26/12.5	1.00	881.00	1306.00	881.00	1306.00	5.20	9.10	261.00

Combinazione 3 - SLE (sisma verticale verso l'alto) ye = 1												
punti	frame	posizione	As	As'	h sez (m)	N (kN)	M (kNm)	ye N (kN)	ye M (kNm)	σ_t (MPa)	σ_c (MPa)	σ_s (MPa)
1	14-15	calotta	Φ26/20	Φ26/20	1.20	378.00	732.00	378.00	732.00	2.31	4.70	192.80
2	9-10	rene sx	Φ26/20	Φ26/20	1.46	636.00	94.00	636.00	94.00	-	0.64	-
3	19-20	renedx	Φ26/20	Φ26/20	1.46	691.00	-310.00	691.00	-310.00	0.32	1.32	7.98
4	5-6	pedritto sx	Φ26/20	Φ26/20	1.29	1097.00	-1127.00	1097.00	-1127.00	2.71	6.50	189.00
5	23-24	pedritto dx	Φ26/20	Φ26/20	1.29	1179.00	-1336.00	1179.00	-1336.00	3.30	7.70	242.00
6	36-37	arco rovescio	Φ26/12.5	Φ26/12.5	1.00	850.00	1166.00	850.00	1166.00	4.59	8.20	227.00

Calcolo apertura fessure												
Sezione 100 x 120	$\sigma_{max} =$	2.65 Mpa	$S_{rm} =$	17.24 cm	$w_k = 1.7 S_{rm} \epsilon_{sm} =$	0.23 mm	<0.3mm					
			$\epsilon_{sm} =$	0.0008								
Sezione 100 x 146	$\sigma_{max} =$	0.36 Mpa	< 2.13 Mpa	No fessurazione								
Sezione 100 x 129	$\sigma_{max} =$	3.93 Mpa	$S_{rm} =$	17.24 cm	$w_k = 1.7 S_{rm} \epsilon_{sm} =$	0.31 mm	<0.4mm					
			$\epsilon_{sm} =$	0.0010								
Sezione 100 x 100	$\sigma_{max} =$	5.07 Mpa	$S_{rm} =$	12.65 cm	$w_k = 1.7 S_{rm} \epsilon_{sm} =$	0.23 mm	<0.3mm					
			$\epsilon_{sm} =$	0.0011								
Sezione 100 x 100	$\sigma_{max} =$	5.20 Mpa	$S_{rm} =$	12.65 cm	$w_k = 1.7 S_{rm} \epsilon_{sm} =$	0.24 mm	<0.4mm					
			$\epsilon_{sm} =$	0.0011								

SLU ye M < Mrd Staffe $\Phi 16 / 20$

Combinazione 4 - SLU (A1+M1 - no sisma) ye = 1.3												
punti	frame	posizione	As	As'	h sez (m)	N (kN)	M (kNm)	T (kN)	ye N (kN)	ye M (kNm)	ye T (kN)	Mrd (kNm)
1	14-15	calotta	Φ26/20	Φ26/20	1.20	360.00	823.00	28.00	468.00	1069.90	36.40	1416.00
2	9-10	rene sx	Φ26/20	Φ26/20	1.46	645.00	-123.00	349.00	838.50	-159.90	453.70	-1996.00
3	19-20	renedx	Φ26/20	Φ26/20	1.46	645.00	-123.00	349.00	838.50	-159.90	453.70	-1996.00
4	5-6	pedritto sx	Φ26/20	Φ26/20	1.29	1333.00	-1604.00	298.00	1732.90	-2085.20	387.40	-2245.00
5	23-24	pedritto dx	Φ26/20	Φ26/20	1.29	1333.00	-1604.00	298.00	1732.90	-2085.20	387.40	-2245.00
6	36-37	arco rovescio	Φ26/12.5	Φ26/12.5	1.00	826.00	1268.00	69.00	1073.80	1648.40	89.70	1987.00

Combinazione 5 - SLU (A2+M2 - sisma verticale verso il basso) ye = 1												
punti	frame	posizione	As	As'	h sez (m)	N (kN)	M (kNm)	T (kN)	ye N (kN)	ye M (kNm)	ye T (kN)	Mrd (kNm)
1	14-15	calotta	Φ26/20	Φ26/20	1.20	494.00	724.00	142.00	494.00	724.00	142.00	1430.00
2	9-10	rene sx	Φ26/20	Φ26/20	1.46	704.00	362.00	276.00	704.00	362.00	276.00	1906.00
3	19-20	renedx	Φ26/20	Φ26/20	1.46	891.00	-551.00	359.00	891.00	-551.00	359.00	-2031.00
4	5-6	pedritto sx	Φ26/20	Φ26/20	1.29	1197.00	-946.00	394.00	1197.00	-946.00	394.00	-1955.00
5	23-24	pedritto dx	Φ26/20	Φ26/20	1.29	1429.00	-1452.00	156.00	1429.00	-1452.00	156.00	-2084.00
6	36-37	arco rovescio	Φ26/12.5	Φ26/12.5	1.00	1091.00	1252.00	180.00	1091.00	1252.00	180.00	1994.00

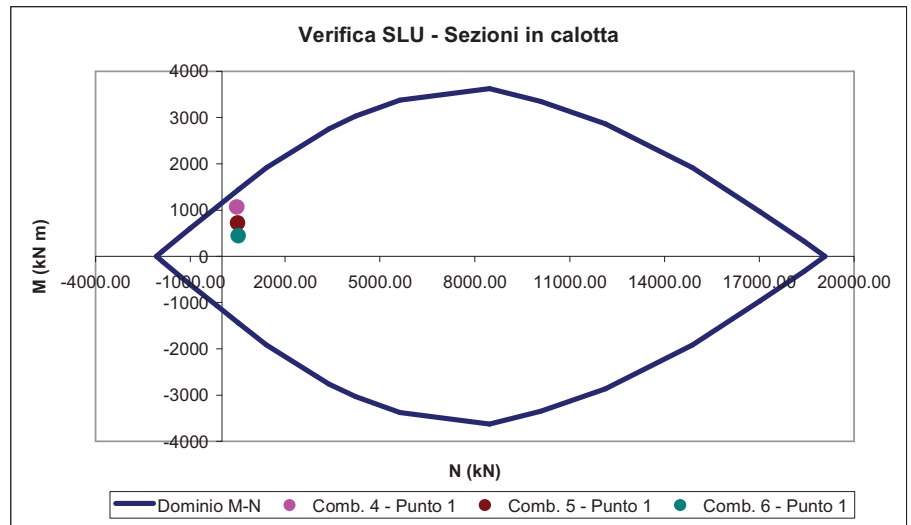
Combinazione 6 - SLU (A2+M2 - sisma verticale verso l'alto) ye = 1												
punti	frame	posizione	As	As'	h sez (m)	N (kN)	M (kNm)	T (kN)	ye N (kN)	ye M (kNm)	ye T (kN)	Mrd (kNm)
1	14-15	calotta	Φ26/20	Φ26/20	1.20	516.00	448.00	140.00	516.00	448.00	140.00	1442.00
2	9-10	rene sx	Φ26/20	Φ26/20	1.46	625.00	408.00	168.00	625.00	408.00	168.00	1853.00
3	19-20	renedx	Φ26/20	Φ26/20	1.46	822.00	-465.00	245.00	822.00	-465.00	245.00	-1985.00
4	5-6	pedritto sx	Φ26/20	Φ26/20	1.29	974.00	-483.00	320.00	974.00	-483.00	320.00	-1826.00
5	23-24	pedritto dx	Φ26/20	Φ26/20	1.29	1208.00	-962.00	99.00	1208.00	-962.00	99.00	-1961.00
6	36-37	arco rovescio	Φ26/12.5	Φ26/12.5	1.00	1016.00	919.00	160.00	1016.00	919.00	160.00	1962.00

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

SLU - Sezioni in calotta

h sez (m) 1.20
 As $\Phi 26 / 20$
 As' $\Phi 26 / 20$

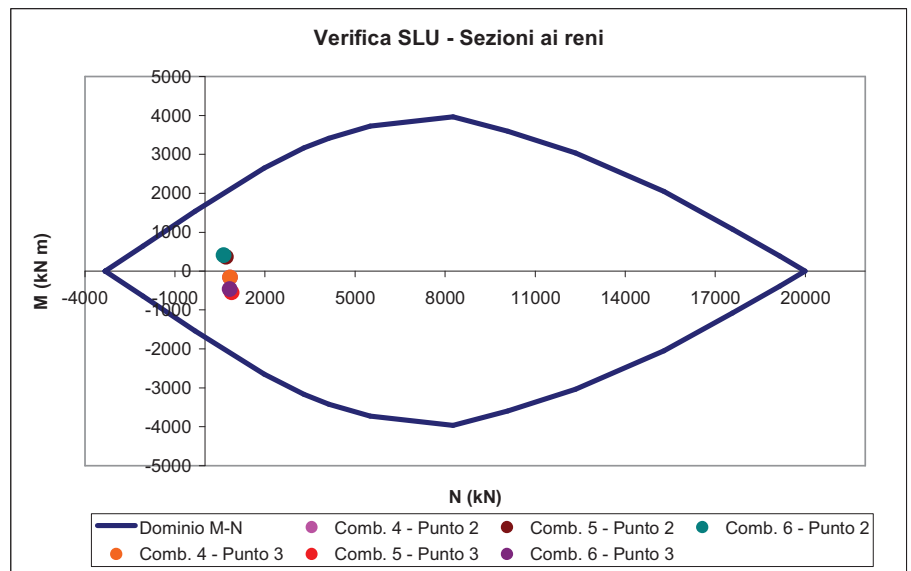
Punti del dominio N-M		
MRd	N	-N
-2077.80	0	0
-1872.34	118.559	-118.559
-1018.29	596.407	-596.407
-164.66	1069.28	-1069.28
514.61	1441.43	-1441.43
1410.79	1916.97	-1916.97
3377.55	2755.51	-2755.51
4223.19	3029.82	-3029.82
5634.18	3372.05	-3372.05
8461.98	3623.26	-3623.26
10080.90	3345.14	-3345.14
12130.80	2863.69	-2863.69
14881.70	1916.65	-1916.65
17009.10	965.123	-965.123
18416.90	322.004	-322.004
19081.80	0	0



SLU - Sezioni ai reni

h sez (m) 1.12
 As $\Phi 26 / 12.5$
 As' $\Phi 26 / 12.5$

Punti del dominio N-M		
MRd	N	-N
-3323.7	0	0.00
-3323.7	0	0.00
-3323.7	0	0.00
-2058.77	645.117	-645.12
-331.967	1533.85	-1533.85
1983	2645.79	-2645.79
3300.07	3166.93	-3166.93
4126.29	3417.73	-3417.73
5504.91	3731.24	-3731.24
8267.82	3964.42	-3964.42
10091.1	3594.02	-3594.02
12340.7	3036.85	-3036.85
15286	2049.4	-2049.40
17571.5	1077.86	-1077.86
19151.5	388.447	-388.45
19989.3	0	0.00

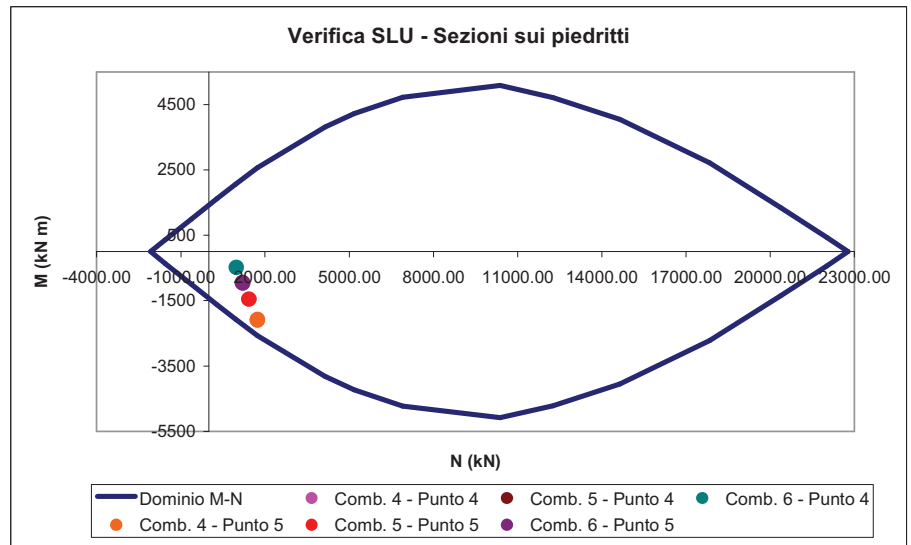


PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

SLU - Sezioni sui piedritti

h sez (m) 1.46
 As $\Phi 26 / 20$
 As' $\Phi 26 / 20$

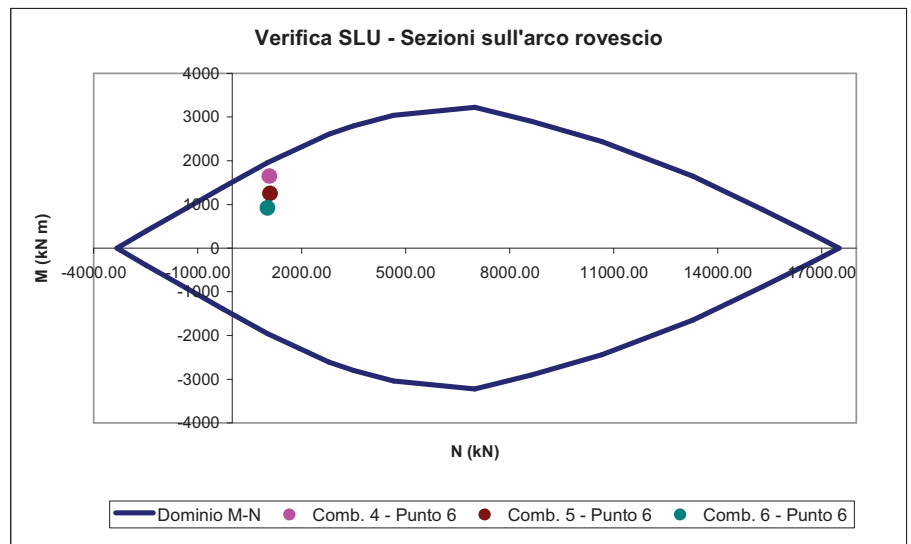
Punti del dominio N-M		
MRd	N	-N
-2077.80	0	0.00
-1550.12	365.342	-365.34
-632.10	998.174	-998.17
285.68	1623.72	-1623.72
937.36	2061.38	-2061.38
1729.66	2566.88	-2566.88
4141.15	3813.87	-3813.87
5178.00	4220.39	-4220.39
6907.98	4725.08	-4725.08
10375.10	5083.13	-5083.13
12249.70	4717.01	-4717.01
14636.60	4053.17	-4053.17
17850.40	2717.58	-2717.58
20372.30	1349.95	-1349.95
22018.50	438.858	-438.86
22766.00	0.004362	0.00



SLU - Sezione sull'arco rovescio

h sez (m) 1.00
 As $\Phi 26 / 12.5$
 As' $\Phi 26 / 12.5$

Punti del dominio N-M		
MRd	N	-N
-3323.70	0	0.00
-3214.33	53.9579	-53.96
-2476.36	393.467	-393.47
-1322.01	917.101	-917.10
-270.99	1390.78	-1390.78
1011.00	1959.55	-1959.55
2790.18	2608.36	-2608.36
3488.73	2798.58	-2798.58
4654.33	3037.19	-3037.19
6990.34	3218.78	-3218.78
8640.23	2900.2	-2900.20
10658.60	2438.79	-2438.79
13281.70	1644.73	-1644.73
15297.70	876.768	-876.77
16714.10	322.983	-322.98
17493.70	0	0.00



PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

SLU	Verifica a taglio	$V_{Rd} \geq V_{Ed}$	Staffe $\Phi 16/20$
Taglio massimo		$V_{Ed} =$	454 kN
Resistenza di calcolo staffe	$V_{Rd} = 0.9 \cdot d \cdot \frac{A_{sw}}{s} \cdot f_{yd} \cdot (\cot \alpha + \cot \theta) \cdot \sin \alpha$		
d =	1410 mm	altezza utile sezione	
$A_{sw} =$	201 mm ²	area staffe (1 $\Phi 16$ a 2 bracci)	(staffe $\Phi 16/20$)
s =	200 mm	interasse staffe	
$f_{yd} =$	391.30 MPa	tensione di snervamento di calcolo	
$\alpha =$	90 °	inclinazione delle staffe rispetto all'asse de lla sezione	
$\theta =$	45 °	inclinazione dei puntoni di cls rispetto all'ass e della sezione	
		$V_{Rd} =$	998 kN

SLU	Verifica a taglio	$V_{Rd} \geq V_{Ed}$	Staffe $\Phi 16/20$
Taglio massimo		$V_{Ed} =$	142 kN
Resistenza di calcolo staffe	$V_{Rd} = 0.9 \cdot d \cdot \frac{A_{sw}}{s} \cdot f_{yd} \cdot (\cot \alpha + \cot \theta) \cdot \sin \alpha$		
d =	1150 mm	altezza utile sezione	
$A_{sw} =$	201 mm ²	area staffe (1 $\Phi 16$ a 2 bracci)	(staffe $\Phi 16/20$)
s =	200 mm	interasse staffe	
$f_{yd} =$	391.30 MPa	tensione di snervamento di calcolo	
$\alpha =$	90 °	inclinazione delle staffe rispetto all'asse de lla sezione	
$\theta =$	45 °	inclinazione dei puntoni di cls rispetto all'ass e della sezione	
		$V_{Rd} =$	814 kN

SLU	Verifica a taglio	$V_{Rd} \geq V_{Ed}$	Staffe $\Phi 16/20$
Taglio massimo		$V_{Ed} =$	394 kN
Resistenza di calcolo staffe	$V_{Rd} = 0.9 \cdot d \cdot \frac{A_{sw}}{s} \cdot f_{yd} \cdot (\cot \alpha + \cot \theta) \cdot \sin \alpha$		
d =	1240 mm	altezza utile sezione	
$A_{sw} =$	201 mm ²	area staffe (1 $\Phi 16$ a 2 bracci)	(staffe $\Phi 16/20$)
s =	200 mm	interasse staffe	
$f_{yd} =$	391.30 MPa	tensione di snervamento di calcolo	
$\alpha =$	90 °	inclinazione delle staffe rispetto all'asse de lla sezione	
$\theta =$	45 °	inclinazione dei puntoni di cls rispetto all'ass e della sezione	
		$V_{Rd} =$	878 kN

SLU	Verifica a taglio	$V_{Rd} \geq V_{Ed}$	Staffe $\Phi 16/20$
Taglio massimo		$V_{Ed} =$	180 kN
Resistenza di calcolo staffe	$V_{Rd} = 0.9 \cdot d \cdot \frac{A_{sw}}{s} \cdot f_{yd} \cdot (\cot \alpha + \cot \theta) \cdot \sin \alpha$		
d =	900 mm	altezza utile sezione	
$A_{sw} =$	201 mm ²	area staffe (1 $\Phi 16$ a 2 bracci)	(staffe $\Phi 16/20$)
s =	200 mm	interasse staffe	
$f_{yd} =$	391.30 MPa	tensione di snervamento di calcolo	
$\alpha =$	90 °	inclinazione delle staffe rispetto all'asse de lla sezione	
$\theta =$	45 °	inclinazione dei puntoni di cls rispetto all'ass e della sezione	
		$V_{Rd} =$	637 kN

7 VERIFICA GALLERIA ARTIFICIALE CARR. DX (R=7.21M)

7.1 GEOMETRIA DELLA SEZIONE E PARAMETRI DI CALCOLO PER L'ANALISI

La galleria artificiale presenta un ritombamento massimo pari a circa 5 m per la carreggiata dx (galleria allargata).

Per la valutazione della rigidità degli elementi molla, che simulano il terreno, si è utilizzata la formula di Galerkin, come descritto precedentemente.

Sulla base della stratigrafia è stato assunto un modulo elastico $E_1 = 40$ MPa in corrispondenza dei piedritti e calotta, e un modulo $E_2 = 80$ MPa in corrispondenza dell'arco rovescio; con $\nu = 0.3$ e $R_{eq} = 8.4$ m in calotta e $R_{eq} = 15.09$ m in arco rovescio si ha:

$$K = E_1 / (R_{eq} (1 + \nu)) = 3663 \text{ kN/m}^3$$

$$K = E_2 / (R_{eq} (1 + \nu)) = 4078 \text{ kN/m}^3$$

Le combinazioni di calcolo analizzate sono le seguenti:

SLE	CASO	AZIONI γF				PROPRIETA' TERRENO γM			RESISTENZE γR		
		PERMANENTI		VARIABILI		$\tan\Phi'$	c'	C_u	q_B	δ	K_p
		SFAV.	FAV.	SFAV.	FAV.						
NO SISMA	1	1	1	1	0	1	1	1	1	1	1

SLE	CASO	AZIONI γF				PROPRIETA' TERRENO γM			RESISTENZE γR		
		PERMANENTI		VARIABILI		$\tan\Phi'$	c'	C_u	q_B	δ	K_p
		SFAV.	FAV.	SFAV.	FAV.						
SISMA	1	1	1	1	0	1	1	1	1	1	1

SLU	CASO	AZIONI γF				PROPRIETA' TERRENO γM			RESISTENZE γR		
		PERMANENTI		VARIABILI		$\tan\Phi'$	c'	C_u	q_B	δ	K_p
		SFAV.	FAV.	SFAV.	FAV.						
A1+M1 (NO SISMA)	1	1.3	1	1.5 (no sisma)	0	1	1	1	1	1	1
A2+M2 (SISMA)	2	1	1	1.3 (anche sisma)	0	1.25	1.25	1.4	1	1	1

SLU	CASO	AZIONI γF				PROPRIETA' TERRENO γM			RESISTENZE γR		
		PERMANENTI		VARIABILI		$\tan\Phi'$	c'	C_u	q_B	δ	K_p
		SFAV.	FAV.	SFAV.	FAV.						
A1+M1 (NO SISMA)	1	1.3	1	1.5	0	1	1	1	1	1	1
A2+M2 (SISMA)	2	1	1	1.3	0	1.25	1.25	1.4	1	1	1

7.2 RISULTATI DELLE ANALISI

Nel seguito si riportano le verifiche relative alle condizioni di calcolo descritte in precedenza.

Essendo la struttura a spessore variabile le verifiche vengono svolte per le aste più sollecitate, considerando per ognuna di esse le sollecitazioni derivanti dalle combinazioni di carico più sfavorevoli. Per ogni sezione si considera la situazione più gravosa in termini di combinazione di sollecitazioni assiali e flettenti (verifiche a pressoflessione).

7.3 VERIFICA DELLA STRUTTURA

Sono stati presi in considerazione, per le verifiche, sei elementi frame situati rispettivamente al centro dell'arco rovescio, sui piedritti, ai reni e in calotta.

È stata considerata una sezione di calcestruzzo armato avente base pari a 1 m , altezza variabile a seconda della sezione considerata con armatura costituita da tondini Φ 26 ogni 20 cm in calotta e piedritti e Φ 26 ogni 12.5 cm in arco rovescio disposti simmetricamente con copriferro pari a 5 cm.

Sono stati ricavati i valori di sforzo assiale e momento flettente in output dal software di calcolo per ogni combinazione di calcolo.

Si è accertato, in seguito, che i punti aventi le coordinate $\gamma_e N$, $\gamma_e M$ rappresentativi degli effetti delle azioni di calcolo (cioè delle azioni di servizio moltiplicate per i correlativi coefficienti parziali di sicurezza γ_e), appartengono al dominio resistente, delimitato dalla curva di interazione M-N.

È stata eseguita, inoltre, la verifica nei confronti delle sollecitazioni taglianti della sezione in calcestruzzo armato dotata di specifica armatura a taglio (staffe Φ 16 / 20) (DM2008 – 4.1.2.1.3.2).

Per quanto riguarda le verifiche agli stati limite di esercizio, sono state monitorate sia le tensioni di esercizio nel calcestruzzo e nell'acciaio, sia le ampiezze delle aperture nel calcestruzzo fessurato.

PROGETTO ESECUTIVO
RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

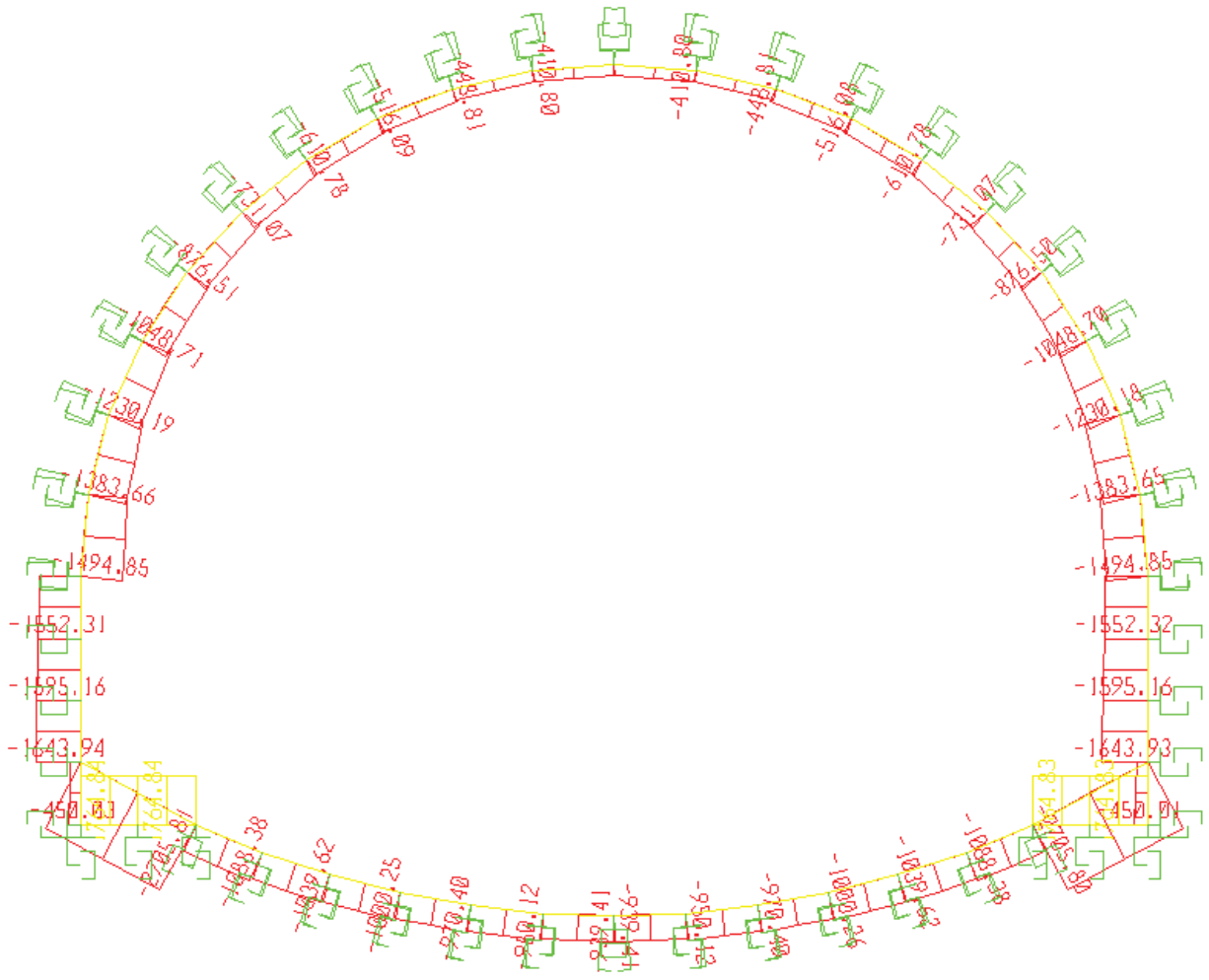


Diagramma azione assiale - SLE

PROGETTO ESECUTIVO
RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

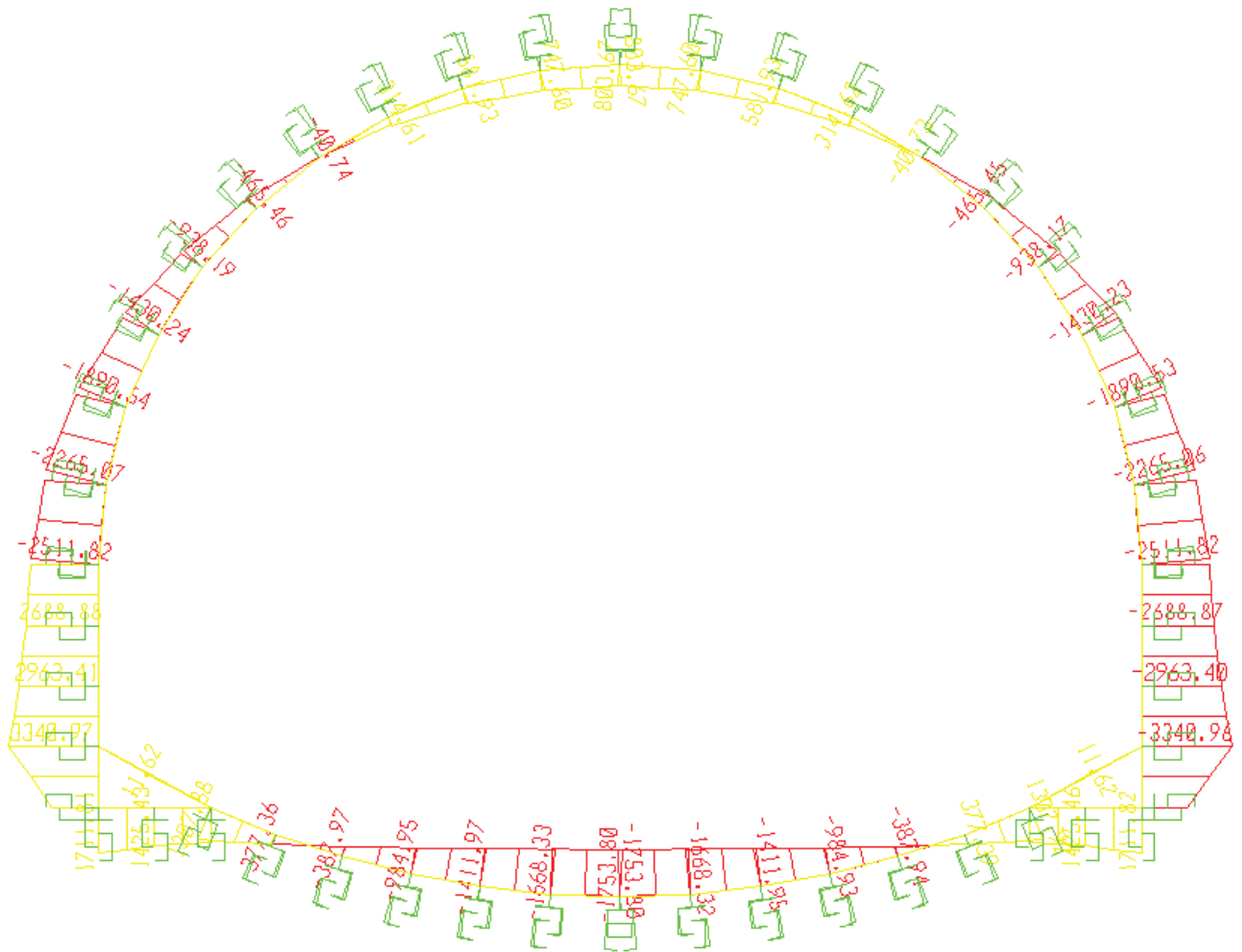


Diagramma momento flettente – SLE

PROGETTO ESECUTIVO
RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

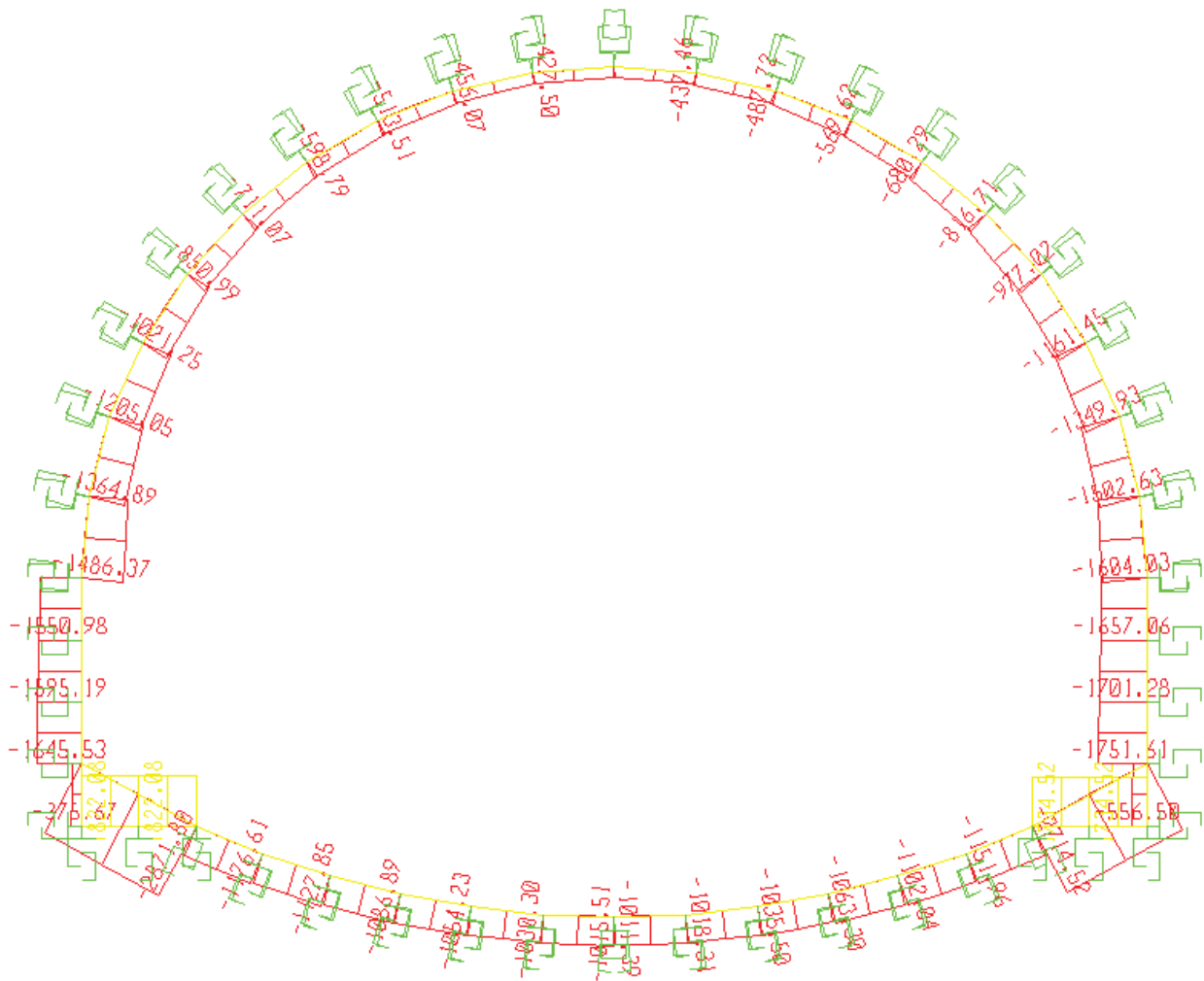


Diagramma azione assiale – SLE sisma down

PROGETTO ESECUTIVO
RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

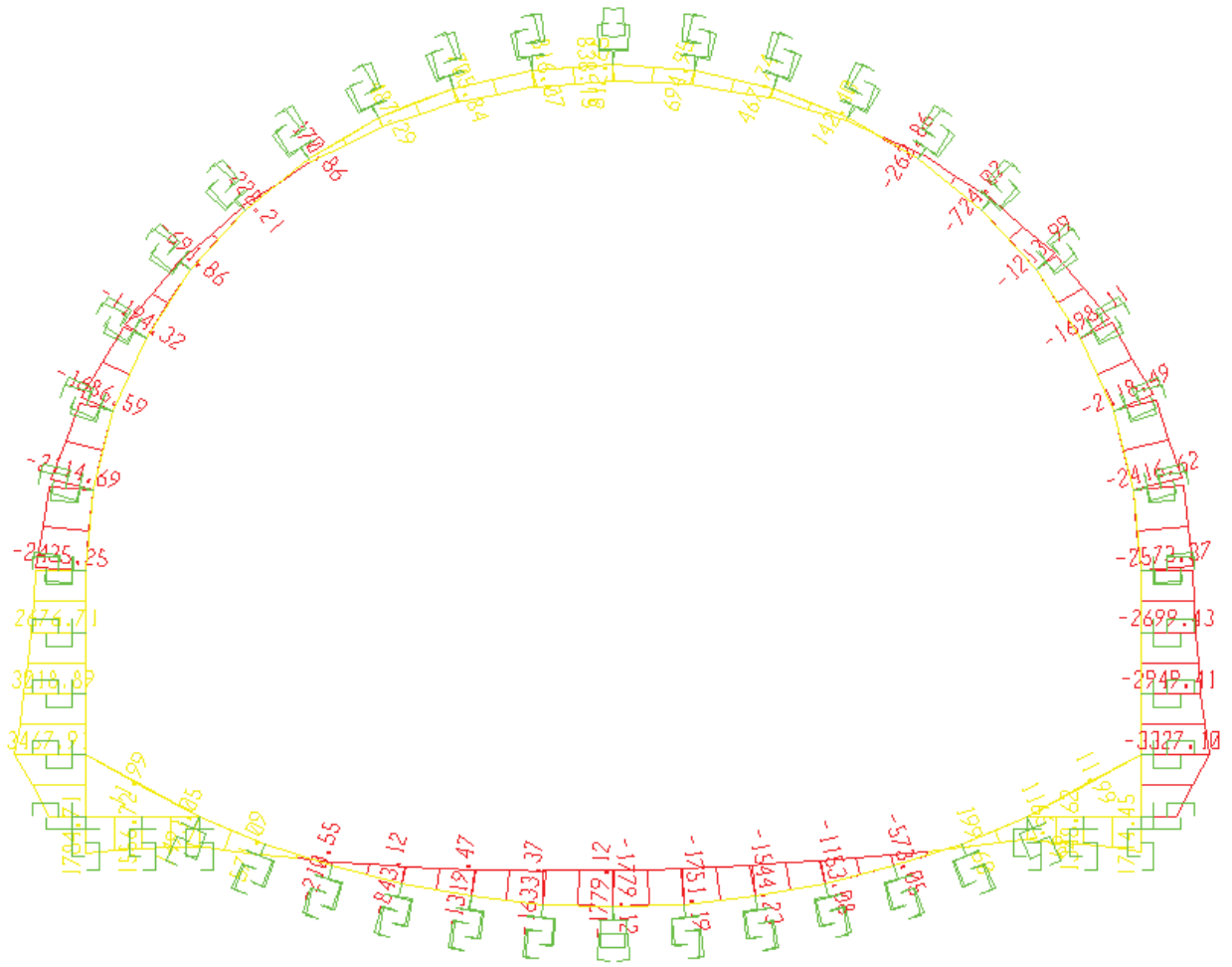


Diagramma momento flettente – SLE sisma down

PROGETTO ESECUTIVO
RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

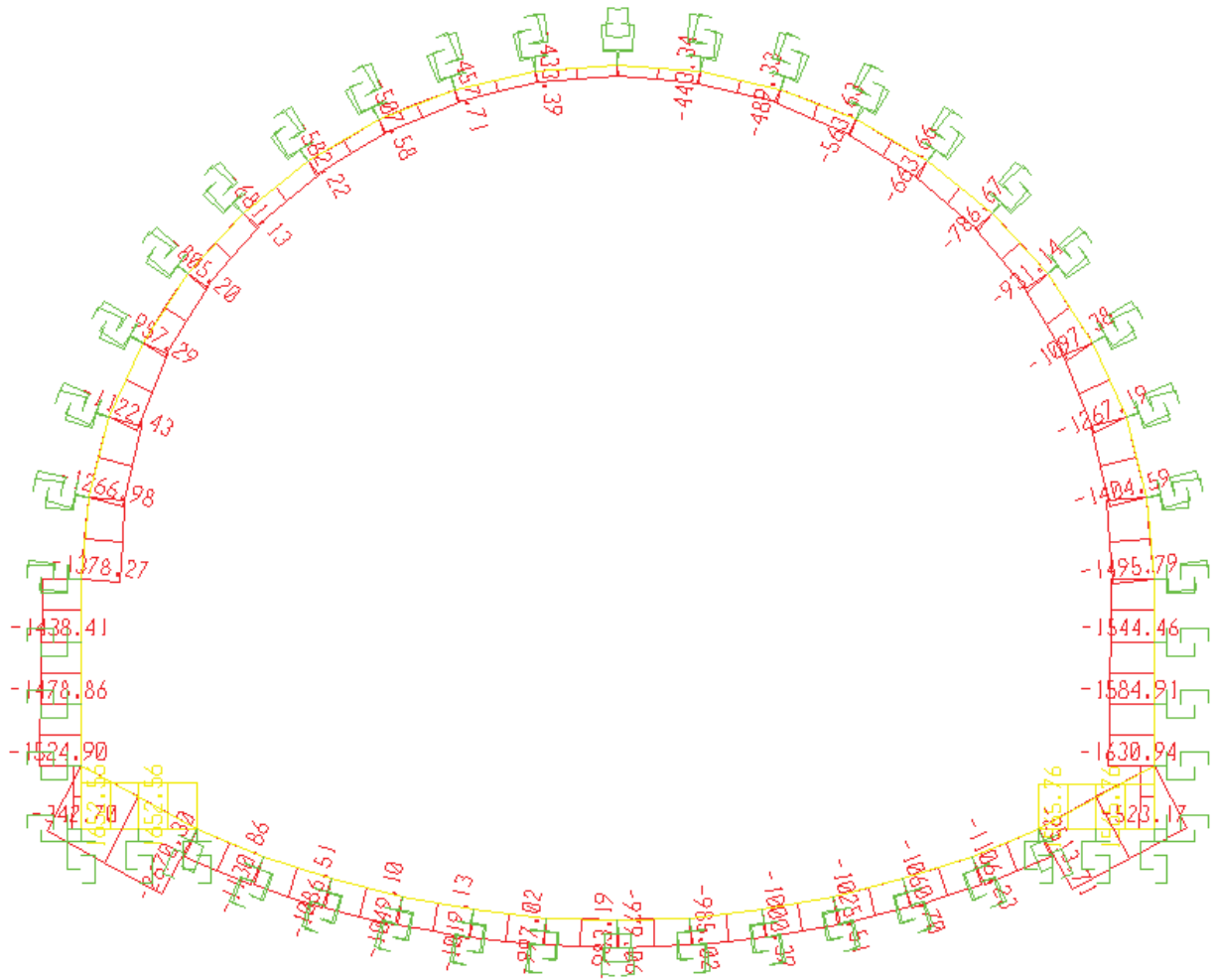


Diagramma azione assiale – SLE sisma up

PROGETTO ESECUTIVO
RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

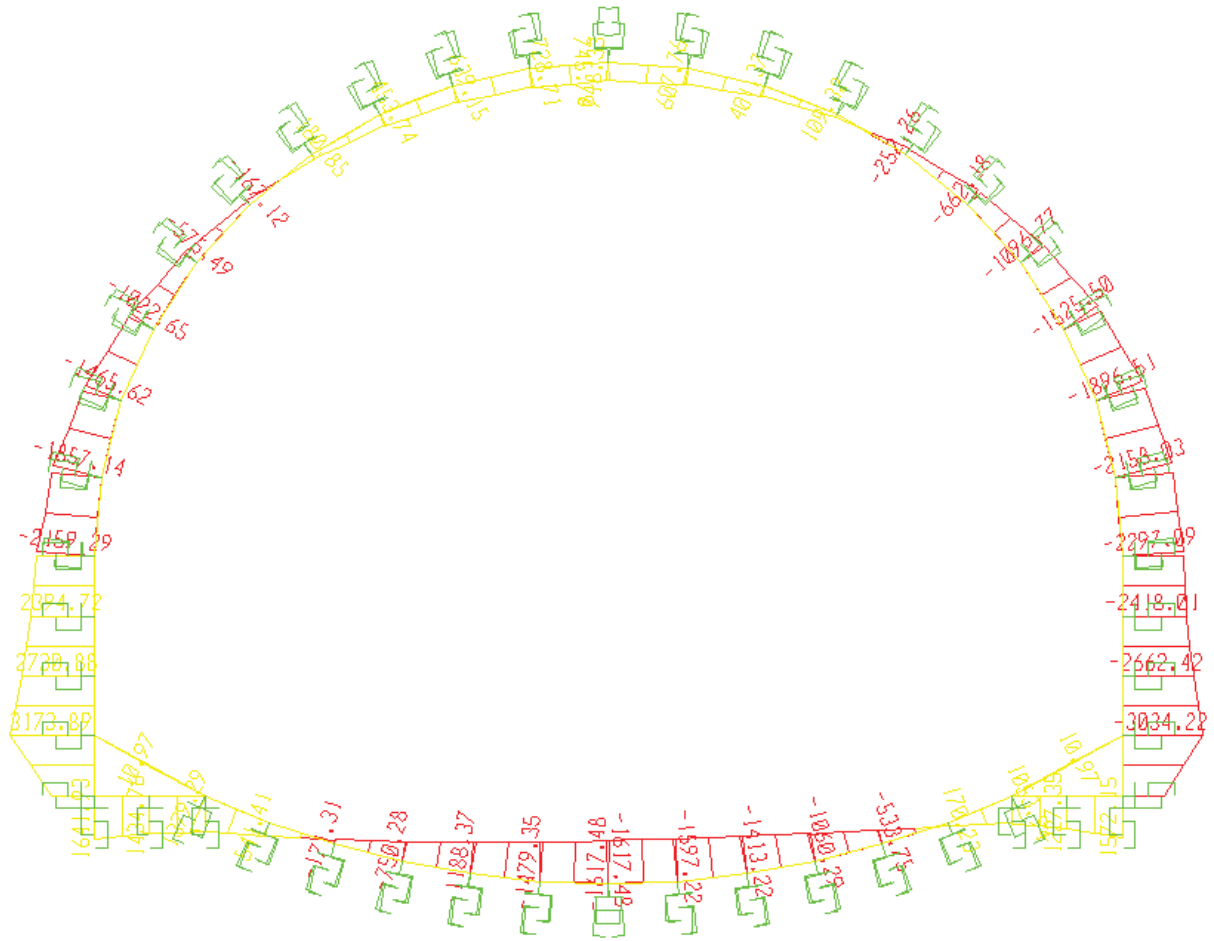


Diagramma momento flettente – SLE sisma up

PROGETTO ESECUTIVO
RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

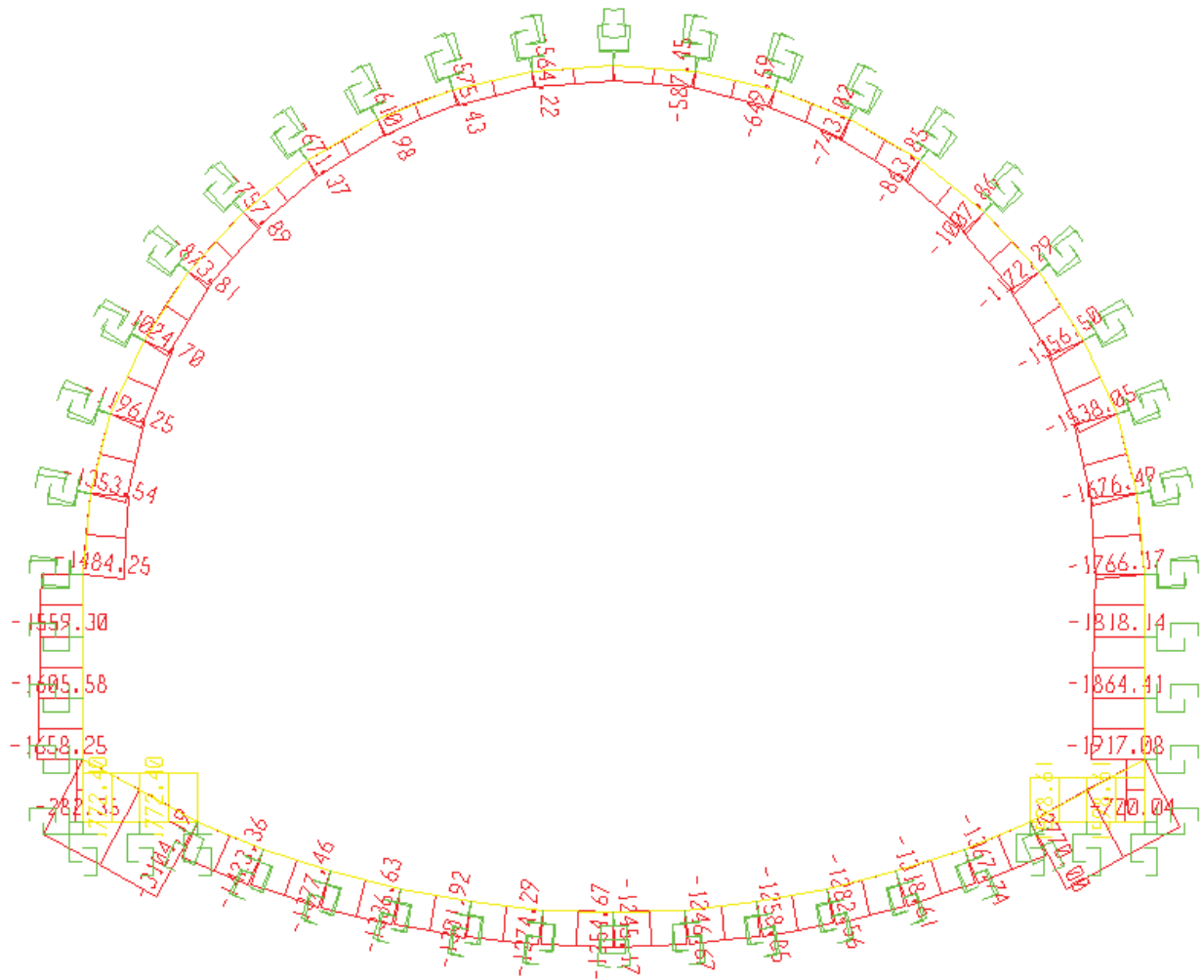


Diagramma azione assiale – SLU sisma down

PROGETTO ESECUTIVO
RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

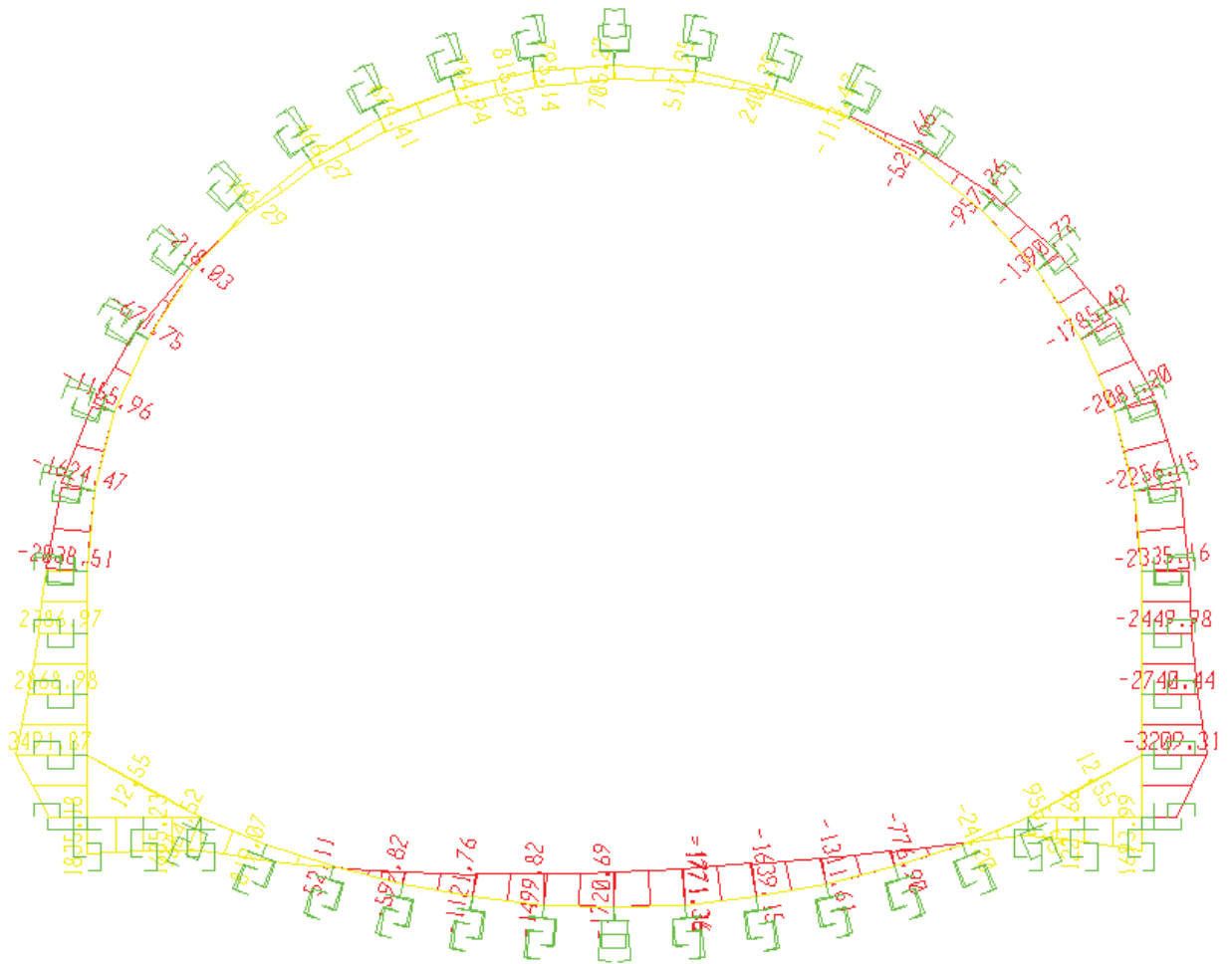


Diagramma momento flettente – SLU sisma down

PROGETTO ESECUTIVO
RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

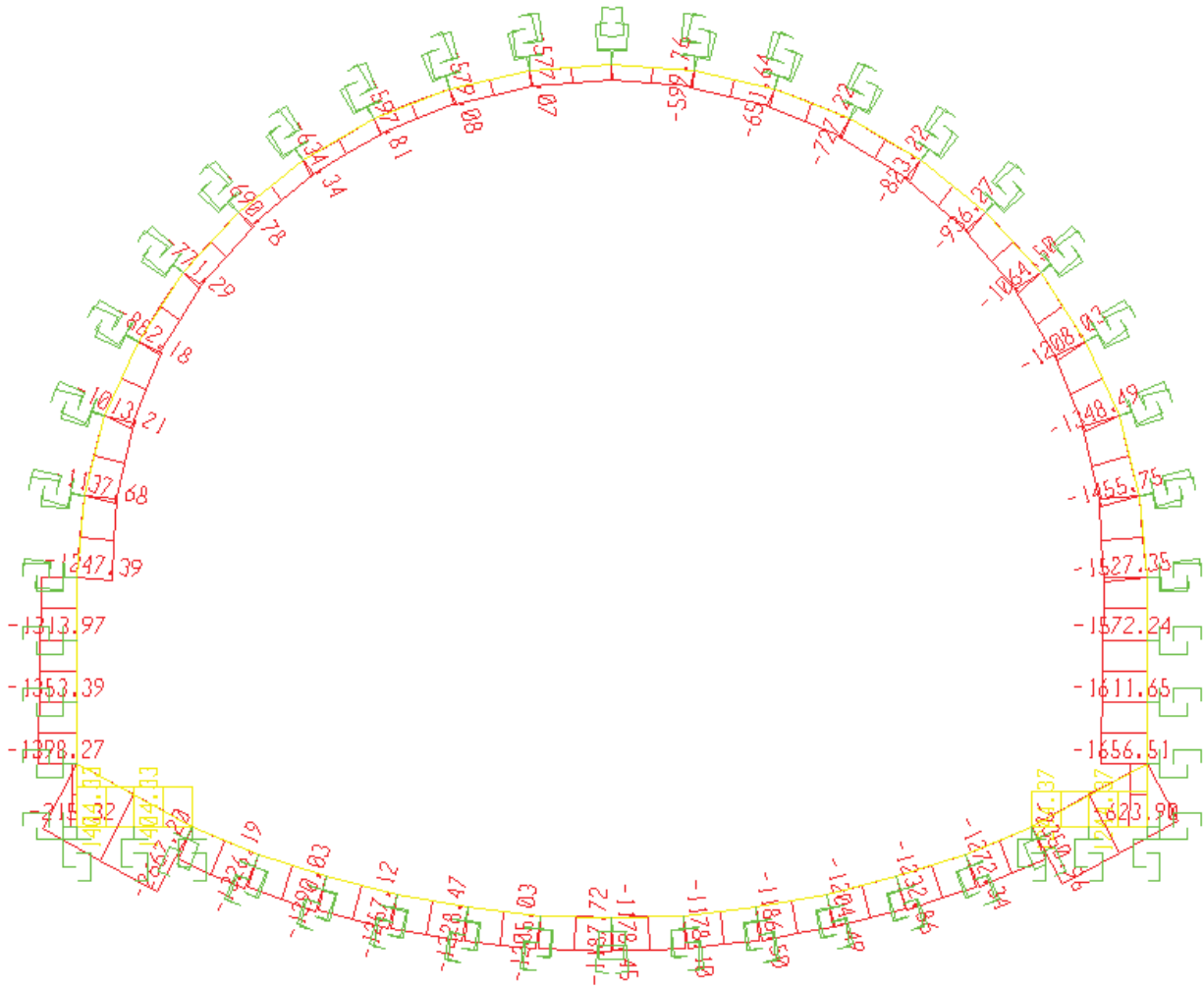


Diagramma azione assiale – SLU sisma up

PROGETTO ESECUTIVO
RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

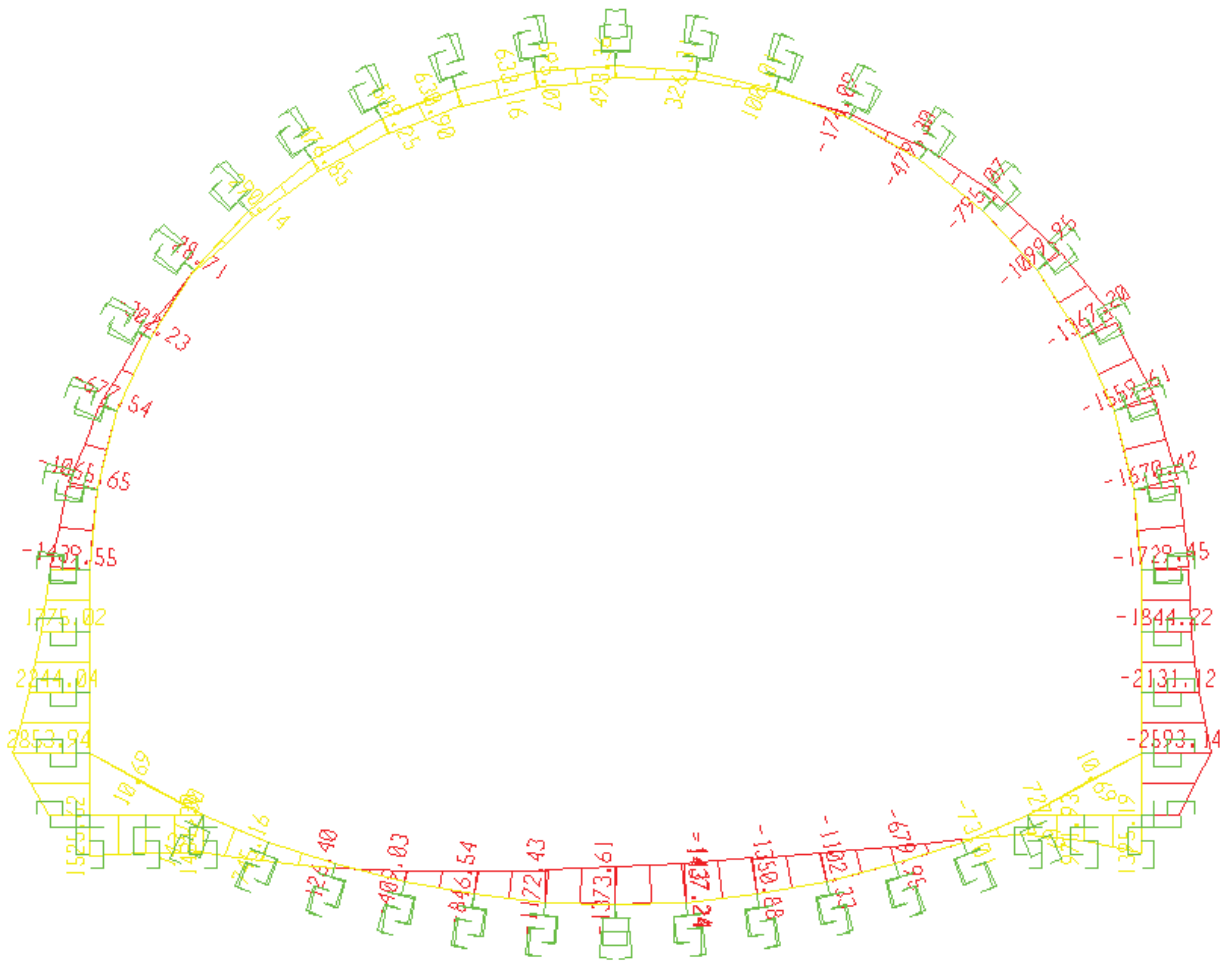


Diagramma momento flettente – SLU sisma up

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Combinazione 1 - SLE (no sisma) ye = 1												
punti	frame	posizione	As	As'	h sez (m)	N (kN)	M (kNm)	ye N (kN)	ye M (kNm)	σ_t (MPa)	σ_c (MPa)	σ_s (MPa)
1	14-15	calotta	Φ26/20	Φ26/20	1.25	403.00	803.00	403.00	803.00	2.35	4.90	201.00
2	9-10	rene sx	Φ26/20	Φ26/20	1.47	788.00	-465.00	788.00	-465.00	0.62	1.99	24.00
3	19-20	renedx	Φ26/20	Φ26/20	1.47	788.00	-465.00	788.00	-465.00	0.62	1.99	24.00
4	5-6	pedritto sx	Φ26/20	Φ26/20	1.87	1428.00	-2265.00	1428.00	-2265.00	2.75	7.11	262.00
5	23-24	pedritto dx	Φ26/20	Φ26/20	1.87	1428.00	-2265.00	1428.00	-2265.00	2.75	7.11	262.00
6	36-37	arco rovescio	Φ26/12.5	Φ26/12.5	1.20	940.00	1752.00	940.00	1752.00	5.05	9.10	290.00

Combinazione 2 - SLE (sisma verticale verso il basso) ye = 1												
punti	frame	posizione	As	As'	h sez (m)	N (kN)	M (kNm)	ye N (kN)	ye M (kNm)	σ_t (MPa)	σ_c (MPa)	σ_s (MPa)
1	14-15	calotta	Φ26/20	Φ26/20	1.25	420.00	812.00	420.00	812.00	2.37	4.92	202.00
2	9-10	rene sx	Φ26/20	Φ26/20	1.47	766.00	-228.00	766.00	-228.00	0.06	1.00	0.40
3	19-20	renedx	Φ26/20	Φ26/20	1.47	818.00	-724.00	818.00	-724.00	1.23	3.30	78.22
4	5-6	pedritto sx	Φ26/20	Φ26/20	1.87	1419.00	-2114.00	1419.00	-2114.00	2.53	6.60	233.00
5	23-24	pedritto dx	Φ26/20	Φ26/20	1.87	1503.00	-2417.00	1503.00	-2417.00	2.95	7.60	283.00
6	36-37	arco rovescio	Φ26/12.5	Φ26/12.5	1.20	1011.00	1779.00	1011.00	1779.00	5.09	9.30	289.00

Combinazione 3 - SLE (sisma verticale verso l'alto) ye = 1												
punti	frame	posizione	As	As'	h sez (m)	N (kN)	M (kNm)	ye N (kN)	ye M (kNm)	σ_t (MPa)	σ_c (MPa)	σ_s (MPa)
1	14-15	calotta	Φ26/20	Φ26/20	1.25	427.00	736.00	427.00	736.00	2.11	4.47	175.00
2	9-10	rene sx	Φ26/20	Φ26/20	1.47	729.00	-167.00	729.00	-167.00	-	0.88	-
3	19-20	renedx	Φ26/20	Φ26/20	1.47	787.00	-662.00	787.00	-662.00	1.10	3.00	66.80
4	5-6	pedritto sx	Φ26/20	Φ26/20	1.87	1316.00	-1857.00	1316.00	-1857.00	2.18	5.79	195.00
5	23-24	pedritto dx	Φ26/20	Φ26/20	1.87	1405.00	-2158.00	1405.00	-2158.00	2.60	6.77	244.00
6	36-37	arco rovescio	Φ26/12.5	Φ26/12.5	1.20	979.00	1617.00	979.00	1617.00	4.58	8.45	257.00

Calcolo apertura fessure												
Sezione 100 x 125	$\sigma_{tmax} =$	2.35 Mpa	$S_{rm} =$	17.24 cm	$w_k = 1.7 S_{rm} \epsilon_{sm} =$	0.18 mm	<0.3mm					
			$\epsilon_{sm} =$	0.0006								
Sezione 100 x 147	$\sigma_{tmax} =$	1.23 Mpa	< 2.13 Mpa	No fessurazione								
Sezione 100 x 187	$\sigma_{tmax} =$	2.95 Mpa	$S_{rm} =$	17.24 cm	$w_k = 1.7 S_{rm} \epsilon_{sm} =$	0.2 mm	<0.4mm					
			$\epsilon_{sm} =$	0.0007								
Sezione 100 x 120	$\sigma_{tmax} =$	5.05 Mpa	$S_{rm} =$	12.65 cm	$w_k = 1.7 S_{rm} \epsilon_{sm} =$	0.28 mm	<0.3mm					
			$\epsilon_{sm} =$	0.0013								
Sezione 100 x 120	$\sigma_{tmax} =$	5.09 Mpa	$S_{rm} =$	12.65 cm	$w_k = 1.7 S_{rm} \epsilon_{sm} =$	0.26 mm	<0.4mm					
			$\epsilon_{sm} =$	0.0012								

SLU ye M < Mrd Staffe $\Phi 16 / 20$

Combinazione 4 - SLU (A1+M1 - no sisma) ye = 1.3												
punti	frame	posizione	As	As'	h sez (m)	N (kN)	M (kNm)	T (kN)	ye N (kN)	ye M (kNm)	ye T (kN)	Mrd (kNm)
1	14-15	calotta	Φ26/20	Φ26/20	1.25	403.00	803.00	31.00	523.90	1043.90	40.30	1512.00
2	9-10	rene sx	Φ26/20	Φ26/20	1.47	788.00	-465.00	436.00	1024.40	-604.50	566.80	-2135.00
3	19-20	renedx	Φ26/20	Φ26/20	1.47	788.00	-465.00	436.00	1024.40	-604.50	566.80	-2135.00
4	5-6	pedritto sx	Φ26/20	Φ26/20	1.87	1428.00	-2265.00	382.00	1856.40	-2944.50	496.60	-3449.00
5	23-24	pedritto dx	Φ26/20	Φ26/20	1.87	1428.00	-2265.00	382.00	1856.40	-2944.50	496.60	-3449.00
6	36-37	arco rovescio	Φ26/12.5	Φ26/12.5	1.20	940.00	1752.00	98.00	1222.00	2277.60	127.40	2505.00

Combinazione 5 - SLU (A2+M2 - sisma verticale verso il basso) ye = 1												
punti	frame	posizione	As	As'	h sez (m)	N (kN)	M (kNm)	T (kN)	ye N (kN)	ye M (kNm)	ye T (kN)	Mrd (kNm)
1	14-15	calotta	Φ26/20	Φ26/20	1.25	558.00	705.00	160.00	558.00	705.00	160.00	1531.00
2	9-10	rene sx	Φ26/20	Φ26/20	1.47	801.00	166.00	346.00	801.00	166.00	346.00	1985.00
3	19-20	renedx	Φ26/20	Φ26/20	1.47	1172.00	-957.00	446.00	1172.00	-957.00	446.00	-2233.00
4	5-6	pedritto sx	Φ26/20	Φ26/20	1.87	1416.00	-1624.00	489.00	1416.00	-1624.00	489.00	-3090.00
5	23-24	pedritto dx	Φ26/20	Φ26/20	1.87	1676.00	-2256.00	207.00	1676.00	-2256.00	207.00	-3304.00
6	36-37	arco rovescio	Φ26/12.5	Φ26/12.5	1.20	1245.00	1721.00	229.00	1245.00	1721.00	229.00	2517.00

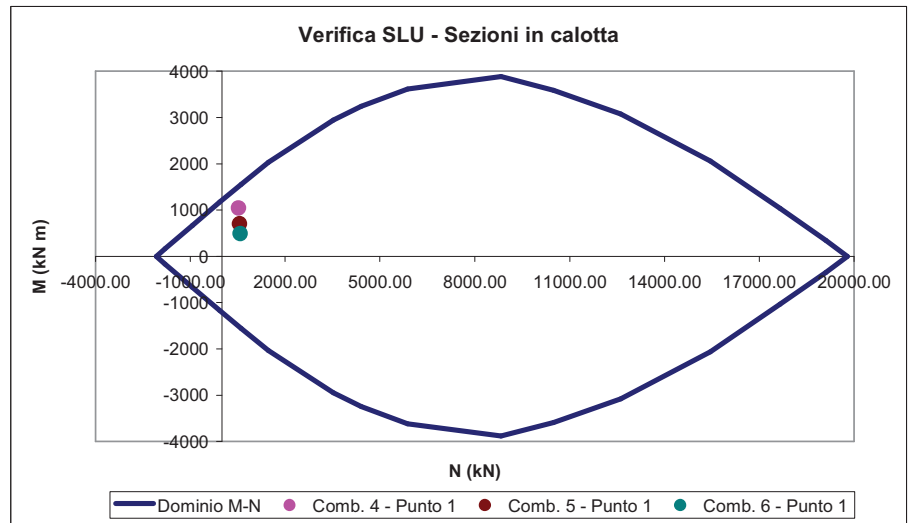
Combinazione 6 - SLU (A2+M2 - sisma verticale verso l'alto) ye = 1												
punti	frame	posizione	As	As'	h sez (m)	N (kN)	M (kNm)	T (kN)	ye N (kN)	ye M (kNm)	ye T (kN)	Mrd (kNm)
1	14-15	calotta	Φ26/20	Φ26/20	1.25	574.00	493.00	157.00	574.00	493.00	157.00	1540.00
2	9-10	rene sx	Φ26/20	Φ26/20	1.47	719.00	290.00	310.00	719.00	290.00	310.00	1930.00
3	19-20	renedx	Φ26/20	Φ26/20	1.47	936.00	-795.00	335.00	936.00	-795.00	335.00	-2076.00
4	5-6	pedritto sx	Φ26/20	Φ26/20	1.87	1192.00	-1065.00	419.00	1192.00	-1065.00	419.00	-2900.00
5	23-24	pedritto dx	Φ26/20	Φ26/20	1.87	1456.00	-1670.00	151.00	1456.00	-1670.00	151.00	-3123.00
6	36-37	arco rovescio	Φ26/12.5	Φ26/12.5	1.20	1178.00	1374.00	208.00	1178.00	1374.00	208.00	2482.00

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

SLU - Sezioni in calotta

h sez (m) 1.25
 As Φ 26 / 20
 As' Φ 26 / 20

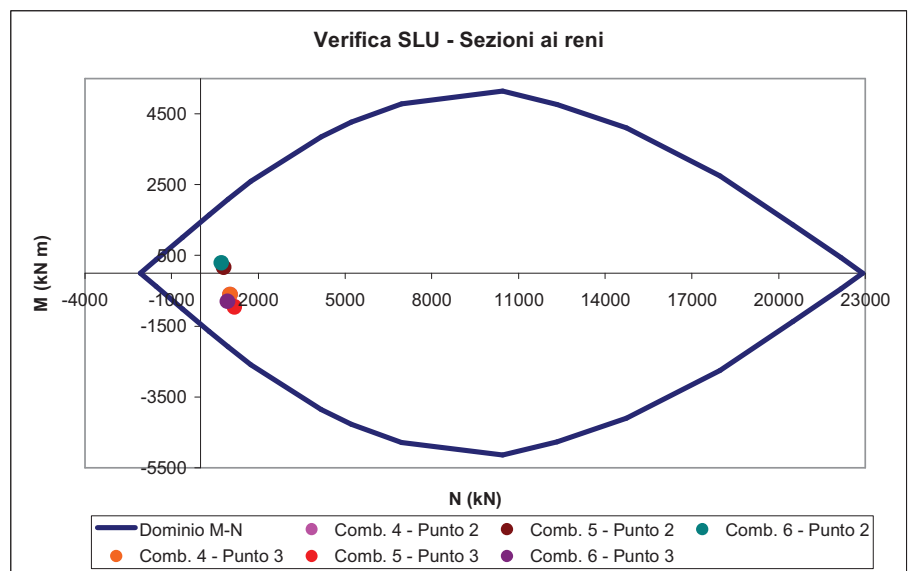
Punti del dominio N-M		
MRd	N	-N
-2077.80	0	0
-1800.53	165.176	-165.176
-934.02	671.672	-671.672
-67.88	1172.78	-1172.78
603.35	1556.62	-1556.62
1472.11	2036.09	-2036.09
3524.40	2946.91	-2946.91
4406.80	3244.63	-3244.63
5879.15	3615.66	-3615.66
8829.89	3885.99	-3885.99
10497.80	3591.67	-3591.67
12612.40	3077.26	-3077.26
15452.20	2060.53	-2060.53
17655.60	1034.62	-1034.62
19109.30	343.343	-343.343
19790.30	0	0



SLU - Sezioni ai reni

h sez (m) 1.47
 As Φ 26 / 20
 As' Φ 26 / 20

Punti del dominio N-M		
MRd	N	-N
-2077.8	0	0
-1539.86	375.04	-375.04
-619.421	1014.13	-1014.13
300.79	1645.84	-1645.84
952.006	2086.26	-2086.26
1741.92	2593.39	-2593.39
4170.52	3857.7	-3857.7
5214.72	4269.81	-4269.81
6956.97	4781.38	-4781.38
10448.7	5143.9	-5143.9
12333.1	4774.22	-4774.22
14733	4102.81	-4102.81
17964.7	2750.98	-2750.98
20501.7	1365.9	-1365.9
22157.1	443.631	-443.631
22907.7	-0.006939	0.00693863

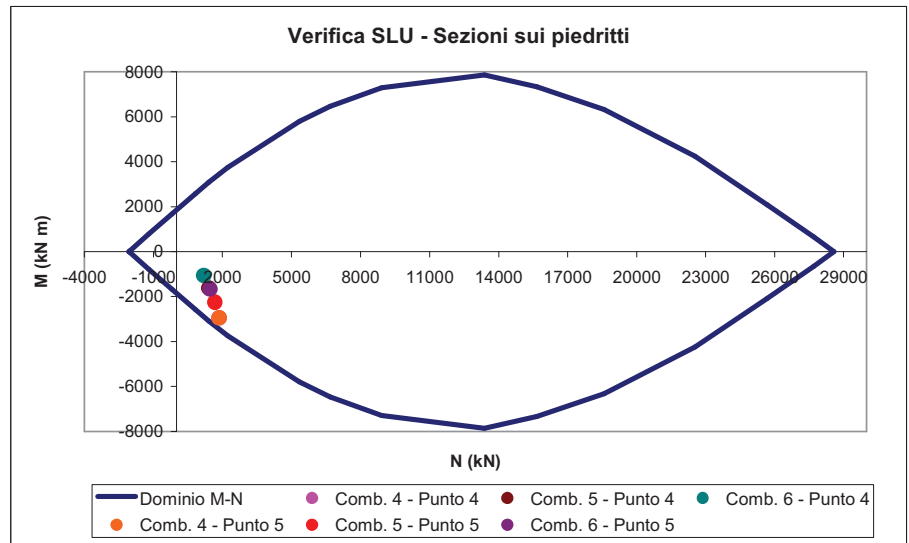


PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

SLU - Sezioni sui piedritti

h sez (m) 1.87
 As $\Phi 26 / 20$
 As' $\Phi 26 / 20$

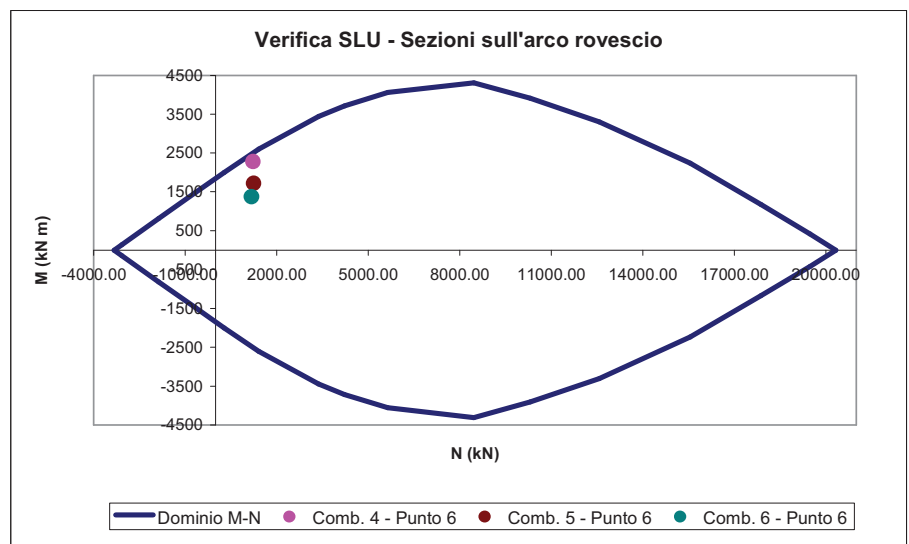
Punti del dominio N-M		
MRd	N	-N
-2077.8	0	0
-2023.59	47.9825	-47.9825
-1211.69	774.317	-774.317
-195.691	1681.76	-1681.76
820.376	2577.41	-2577.41
1413.17	3087.41	-3087.41
2232.49	3745.19	-3745.19
5345.31	5800.28	-5800.28
6683.64	6467.85	-6467.85
8916.66	7292.48	-7292.48
13392	7856.51	-7856.51
15672	7332.59	-7332.59
18592.7	6325.82	-6325.82
22539.7	4245.7	-4245.7
25680.9	2074.7	-2074.7
27700.6	652.652	-652.652
28575.7	-0.009863	0.00986252



SLU - Sezione sull'arco rovescio

h sez (m) 1.20
 As $\Phi 26 / 12.5$
 As' $\Phi 26 / 12.5$

Punti del dominio N-M		
MRd	N	-N
-3323.7	0	0
-3074.41	142.665	-142.665
-1865.04	815.938	-815.938
-656.095	1484.23	-1484.23
287.708	2001.87	-2001.87
1410.79	2602.21	-2602.21
3377.55	3440.76	-3440.76
4223.19	3715.06	-3715.06
5634.18	4057.29	-4057.29
8461.98	4308.5	-4308.5
10304	3907.66	-3907.66
12577	3303.5	-3303.5
15551.1	2233.74	-2233.74
17875.3	1173.97	-1173.97
19479.8	422.62	-422.62
20327.7	0	0



PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

SLU	Verifica a taglio	$V_{Rd} \geq V_{Ed}$	Staffe $\Phi 16/20$
Taglio massimo		$V_{Ed} =$	160 kN
Resistenza di calcolo staffe	$V_{Rd} = 0.9 \cdot d \cdot \frac{A_{sw}}{s} \cdot f_{yd} \cdot (\cot \alpha + \cot \theta) \cdot \sin \alpha$		
d =	1200 mm	altezza utile sezione	
$A_{sw} =$	201 mm ²	area staffe (1 $\Phi 16$ a 2 bracci)	(staffe $\Phi 16/20$)
s =	200 mm	interasse staffe	
$f_{yd} =$	391.30 MPa	tensione di snervamento di calcolo	
$\alpha =$	90 °	inclinazione delle staffe rispetto all'asse de lla sezione	
$\theta =$	45 °	inclinazione dei puntoni di cls rispetto all'ass e della sezione	
		$V_{Rd} =$	849 kN

SLU	Verifica a taglio	$V_{Rd} \geq V_{Ed}$	Staffe $\Phi 16/20$
Taglio massimo		$V_{Ed} =$	557 kN
Resistenza di calcolo staffe	$V_{Rd} = 0.9 \cdot d \cdot \frac{A_{sw}}{s} \cdot f_{yd} \cdot (\cot \alpha + \cot \theta) \cdot \sin \alpha$		
d =	1420 mm	altezza utile sezione	
$A_{sw} =$	201 mm ²	area staffe (1 $\Phi 16$ a 2 bracci)	(staffe $\Phi 16/20$)
s =	200 mm	interasse staffe	
$f_{yd} =$	391.30 MPa	tensione di snervamento di calcolo	
$\alpha =$	90 °	inclinazione delle staffe rispetto all'asse de lla sezione	
$\theta =$	45 °	inclinazione dei puntoni di cls rispetto all'ass e della sezione	
		$V_{Rd} =$	1005 kN

SLU	Verifica a taglio	$V_{Rd} \geq V_{Ed}$	Staffe $\Phi 16/20$
Taglio massimo		$V_{Ed} =$	496 kN
Resistenza di calcolo staffe	$V_{Rd} = 0.9 \cdot d \cdot \frac{A_{sw}}{s} \cdot f_{yd} \cdot (\cot \alpha + \cot \theta) \cdot \sin \alpha$		
d =	1820 mm	altezza utile sezione	
$A_{sw} =$	201 mm ²	area staffe (1 $\Phi 16$ a 2 bracci)	(staffe $\Phi 16/20$)
s =	200 mm	interasse staffe	
$f_{yd} =$	391.30 MPa	tensione di snervamento di calcolo	
$\alpha =$	90 °	inclinazione delle staffe rispetto all'asse de lla sezione	
$\theta =$	45 °	inclinazione dei puntoni di cls rispetto all'ass e della sezione	
		$V_{Rd} =$	1288 kN

SLU	Verifica a taglio	$V_{Rd} \geq V_{Ed}$	Staffe $\Phi 16/20$
Taglio massimo		$V_{Ed} =$	229 kN
Resistenza di calcolo staffe	$V_{Rd} = 0.9 \cdot d \cdot \frac{A_{sw}}{s} \cdot f_{yd} \cdot (\cot \alpha + \cot \theta) \cdot \sin \alpha$		
d =	1150 mm	altezza utile sezione	
$A_{sw} =$	201 mm ²	area staffe (1 $\Phi 16$ a 2 bracci)	(staffe $\Phi 16/20$)
s =	200 mm	interasse staffe	
$f_{yd} =$	391.30 MPa	tensione di snervamento di calcolo	
$\alpha =$	90 °	inclinazione delle staffe rispetto all'asse de lla sezione	
$\theta =$	45 °	inclinazione dei puntoni di cls rispetto all'ass e della sezione	
		$V_{Rd} =$	814 kN

8 ALLEGATI DI CALCOLO CARR. SX (R=6.45M)

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Active Degrees of Freedom

Table: Active Degrees of Freedom

UX	UY	UZ	RX	RY	RZ
Yes	Yes	Yes	Yes	Yes	Yes

Table: Analysis Options

Table: Analysis Options

Solver	SolverProc	Force32Bit	StiffCase	GeomMod
Advanced	Auto	No	None	No

Table: Assembled Joint Masses

Table: Assembled Joint Masses

Joint	U1	U2	U3	R1	R2	R3
	KN-s2/m	KN-s2/m	KN-s2/m	KN-m-s2	KN-m-s2	KN-m-s2
1	3.87	3.87	3.87	0.0000	0.0000	0.0000
2	6.87	6.87	6.87	0.0000	0.0000	0.0000
3	3.12	3.12	3.12	0.0000	0.0000	0.0000
4	2.76	2.76	2.76	0.0000	0.0000	0.0000
5	3.05	3.05	3.05	0.0000	0.0000	0.0000
6	3.75	3.75	3.75	0.0000	0.0000	0.0000
7	4.68	4.68	4.68	0.0000	0.0000	0.0000
8	5.76	5.76	5.76	0.0000	0.0000	0.0000
9	5.30	5.30	5.30	0.0000	0.0000	0.0000
10	4.22	4.22	4.22	0.0000	0.0000	0.0000
11	3.56	3.56	3.56	0.0000	0.0000	0.0000
12	3.40	3.40	3.40	0.0000	0.0000	0.0000
13	3.38	3.38	3.38	0.0000	0.0000	0.0000
14	3.38	3.38	3.38	0.0000	0.0000	0.0000
15	3.38	3.38	3.38	0.0000	0.0000	0.0000
16	3.38	3.38	3.38	0.0000	0.0000	0.0000
17	3.38	3.38	3.38	0.0000	0.0000	0.0000
18	3.40	3.40	3.40	0.0000	0.0000	0.0000
19	3.56	3.56	3.56	0.0000	0.0000	0.0000
20	4.22	4.22	4.22	0.0000	0.0000	0.0000
21	5.30	5.30	5.30	0.0000	0.0000	0.0000
22	5.76	5.76	5.76	0.0000	0.0000	0.0000
23	4.68	4.68	4.68	0.0000	0.0000	0.0000
24	3.75	3.75	3.75	0.0000	0.0000	0.0000
25	3.05	3.05	3.05	0.0000	0.0000	0.0000
26	2.76	2.76	2.76	0.0000	0.0000	0.0000
27	3.12	3.12	3.12	0.0000	0.0000	0.0000
28	6.87	6.87	6.87	0.0000	0.0000	0.0000
29	3.87	3.87	3.87	0.0000	0.0000	0.0000
30	2.29	2.29	2.29	0.0000	0.0000	0.0000
31	4.94	4.94	4.94	0.0000	0.0000	0.0000
32	2.30	2.30	2.30	0.0000	0.0000	0.0000
33	2.30	2.30	2.30	0.0000	0.0000	0.0000
34	2.30	2.30	2.30	0.0000	0.0000	0.0000
35	2.30	2.30	2.30	0.0000	0.0000	0.0000
36	2.30	2.30	2.30	0.0000	0.0000	0.0000
37	2.30	2.30	2.30	0.0000	0.0000	0.0000
38	2.30	2.30	2.30	0.0000	0.0000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Assembled Joint Masses

Joint	U1 KN-s2/m	U2 KN-s2/m	U3 KN-s2/m	R1 KN-m-s2	R2 KN-m-s2	R3 KN-m-s2
39	2.30	2.30	2.30	0.0000	0.0000	0.0000
40	2.30	2.30	2.30	0.0000	0.0000	0.0000
41	2.30	2.30	2.30	0.0000	0.0000	0.0000
42	2.30	2.30	2.30	0.0000	0.0000	0.0000
43	4.94	4.94	4.94	0.0000	0.0000	0.0000
44	2.29	2.29	2.29	0.0000	0.0000	0.0000

Table: Auto Wave 3 - Wave Characteristics - General

Table: Auto Wave 3 - Wave Characteristics - General

WaveChar	WaveType	KinFactor	SWaterDept h m	WaveHeight m	WavePeriod Sec	WaveTheory
Default	From Theory	1.000000	1800.00000	720.00000	12.0000	Linear

Table: Base Reactions, Part 1 of 3

Table: Base Reactions, Part 1 of 3

OutputCase	CaseType	StepType	GlobalFX KN	GlobalFY KN	GlobalFZ KN	GlobalMX KN-m	GlobalMY KN-m	GlobalMZ KN-m
SLE	NonStatic	Max	7.610E-10	0.000	3246.475	0.0000	0.0000	0.0000
SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	-85858.0538	0.0000
SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	3387.966	0.0000	0.0000	0.0000
SLE_SISMA _DOWN	NonStatic	Min	-235.320	0.000	0.000	0.0000	-94077.0760	0.0000
SLE_SISMA _UP	NonStatic	Max	0.000	0.000	3105.241	0.0000	0.0000	0.0000
SLE_SISMA _UP	NonStatic	Min	-235.327	0.000	0.000	0.0000	-86600.1212	0.0000
SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	3585.477	0.0000	0.0000	0.0000
SLU_SISMA _DOWN	NonStatic	Min	-585.564	0.000	0.000	0.0000	-105964.149	0.0000
SLU_SISMA _UP	NonStatic	Max	0.000	0.000	2907.731	0.0000	0.0000	0.0000
SLU_SISMA _UP	NonStatic	Min	-585.564	0.000	0.000	0.0000	-88040.1009	0.0000

Table: Base Reactions, Part 2 of 3

Table: Base Reactions, Part 2 of 3

OutputCase	StepType	GlobalX m	GlobalY m	GlobalZ m	XCentroidF X m	YCentroidF X m	ZCentroidF X m	XCentroidF Y m
SLE	Max	0.00000	0.00000	0.00000	0.00000	0.00000	11.88937	0.00000
SLE	Min	0.00000	0.00000	0.00000	-3.142E+12	0.00000	0.00000	0.00000
SLE_SISMA _DOWN	Max	0.00000	0.00000	0.00000	40.46103	0.00000	15.61579	0.00000
SLE_SISMA _DOWN	Min	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
SLE_SISMA _UP	Max	0.00000	0.00000	0.00000	39.76695	0.00000	15.61412	0.00000
SLE_SISMA _UP	Min	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
SLU_SISMA _DOWN	Max	0.00000	0.00000	0.00000	35.80781	0.00000	15.95086	0.00000
SLU_SISMA _DOWN	Min	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Base Reactions, Part 2 of 3

OutputCase	StepType	GlobalX	GlobalY	GlobalZ	XCentroidF X	YCentroidF X	ZCentroidF X	XCentroidF Y
		m	m	m	m	m	m	m
SLU_SISMA _UP	Max	0.00000	0.00000	0.00000	35.16193	0.00000	16.08493	0.00000
SLU_SISMA _UP	Min	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Table: Base Reactions, Part 3 of 3

Table: Base Reactions, Part 3 of 3

OutputCase	StepType	YCentroidF Y	ZCentroidF Y	XCentroidF Z	YCentroidF Z	ZCentroidFZ Z
		m	m	m	m	m
SLE	Max	0.00000	0.00000	26.44655	0.00000	13.16323
SLE	Min	0.00000	0.00000	0.00000	0.00000	0.00000
SLE_SISMA _DOWN	Max	0.00000	0.00000	26.68338	0.00000	13.15877
SLE_SISMA _DOWN	Min	0.00000	0.00000	0.00000	0.00000	0.00000
SLE_SISMA _UP	Max	0.00000	0.00000	26.70512	0.00000	13.15761
SLE_SISMA _UP	Min	0.00000	0.00000	0.00000	0.00000	0.00000
SLU_SISMA _DOWN	Max	0.00000	0.00000	26.94869	0.00000	13.12636
SLU_SISMA _DOWN	Min	0.00000	0.00000	0.00000	0.00000	0.00000
SLU_SISMA _UP	Max	0.00000	0.00000	27.03873	0.00000	13.09974
SLU_SISMA _UP	Min	0.00000	0.00000	0.00000	0.00000	0.00000

Table: Bridge Design Preferences - AASHTOLRFD07

Table: Bridge Design
 Preferences -
 AASHTOLRFD07

HingeOpt

Auto: AASHTO/Caltrans
 Hinge

Table: Case - Static 1 - Load Assignments

Table: Case - Static 1 - Load Assignments

Case	LoadType	LoadName	LoadSF
SLE	Load pattern	DEAD	1.000000
SLE	Load pattern	PHDX_SLE	1.000000
SLE	Load pattern	PHSX_SLE	1.000000
SLE	Load pattern	PV_SLE	1.000000
SLE_SISMA_DOWN	Load pattern	DEAD_SLE_SISMA_ DOWN	1.000000
SLE_SISMA_DOWN	Load pattern	PV_SLE_SISMA_DO WN	1.000000
SLE_SISMA_DOWN	Load pattern	PHSX_SLE_SISMA	1.000000
SLE_SISMA_DOWN	Load pattern	PHDX_SLE_SISMA	1.000000
SLE_SISMA_UP	Load pattern	DEAD_SLE_SISMA_ UP	1.000000
SLE_SISMA_UP	Load pattern	PV_SLE_SISMA_UP	1.000000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Case - Static 1 - Load Assignments

Case	LoadType	LoadName	LoadSF
SLE_SISMA_UP	Load pattern	PHSX_SLE_SISMA	1.000000
SLE_SISMA_UP	Load pattern	PHDX_SLE_SISMA	1.000000
SLU_SISMA_DOWN	Load pattern	DEAD_SLU_SISMA_DOWN	1.000000
SLU_SISMA_DOWN	Load pattern	PV_SLU_SISMA_DOWN	1.000000
SLU_SISMA_DOWN	Load pattern	PHSX_SLU_SISMA	1.000000
SLU_SISMA_DOWN	Load pattern	PHDX_SLU_SISMA	1.000000
SLU_SISMA_UP	Load pattern	DEAD_SLU_SISMA_UP	1.000000
SLU_SISMA_UP	Load pattern	PV_SLU_SISMA_UP	1.000000
SLU_SISMA_UP	Load pattern	PHSX_SLU_SISMA	1.000000
SLU_SISMA_UP	Load pattern	PHDX_SLU_SISMA	1.000000

Table: Case - Static 2 - Nonlinear Load Application

Table: Case - Static 2 - Nonlinear Load Application

Case	LoadApp	MonitorDOF	MonitorJt
SLE	Full Load	U1	15
SLE_SISMA_DOWN	Full Load	U1	15
SLE_SISMA_UP	Full Load	U1	15
SLU_SISMA_DOWN	Full Load	U1	15
SLU_SISMA_UP	Full Load	U1	15

Table: Case - Static 4 - Nonlinear Parameters, Part 1 of 5

Table: Case - Static 4 - Nonlinear Parameters, Part 1 of 5

Case	Unloading	GeoNonLin	ResultsSave	MinNumState	MaxNumState	PosIncOnly
SLE	Unload Entire	None	Multiple States	10	10	Yes
SLE_SISMA_DOWN	Unload Entire	None	Multiple States	10	10	Yes
SLE_SISMA_UP	Unload Entire	None	Multiple States	10	10	Yes
SLU_SISMA_DOWN	Unload Entire	None	Multiple States	10	10	Yes
SLU_SISMA_UP	Unload Entire	None	Multiple States	10	10	Yes

Table: Case - Static 4 - Nonlinear Parameters, Part 2 of 5

Table: Case - Static 4 - Nonlinear Parameters, Part 2 of 5

Case	MaxTotal	MaxNull	MaxIterCS	MaxIterNR	ItConvTol	UseEvStep	EvLumpTol
SLE	200	50	10	40	1.0000E-04	Yes	0.010000
SLE_SISMA_DOWN	200	50	10	40	1.0000E-04	Yes	0.010000
SLE_SISMA_UP	200	50	10	40	1.0000E-04	Yes	0.010000
SLU_SISMA_DOWN	200	50	10	40	1.0000E-04	Yes	0.010000
SLU_SISMA_UP	200	50	10	40	1.0000E-04	Yes	0.010000

Table: Case - Static 4 - Nonlinear Parameters, Part 3 of 5

Table: Case - Static 4 - Nonlinear Parameters, Part 3 of 5

Case	LSPerIter	LSTol	LSSStepFact	StageSave	StageMinIns	StageMinTD
SLE	20	0.100000	1.618000			
SLE_SISMA_DOWN	20	0.100000	1.618000			
SLE_SISMA_UP	20	0.100000	1.618000			

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Case - Static 4 - Nonlinear Parameters, Part 3 of 5

Case	LSPerIter	LSTol	LSStepFact	StageSave	StageMinIns	StageMinTD
SLU_SISMA_DOWN	20	0.100000	1.618000			
SLU_SISMA_UP	20	0.100000	1.618000			

Table: Case - Static 4 - Nonlinear Parameters, Part 4 of 5

Table: Case - Static 4 - Nonlinear Parameters, Part 4 of 5

Case	FrameTC	FrameHinge	CableTC	LinkTC	LinkOther	TimeDepMat	TFMaxIter
SLE	Yes	Yes	Yes	Yes	Yes		10
SLE_SISMA_DOWN	Yes	Yes	Yes	Yes	Yes		10
SLE_SISMA_UP	Yes	Yes	Yes	Yes	Yes		10
SLU_SISMA_DOWN	Yes	Yes	Yes	Yes	Yes		10
SLU_SISMA_UP	Yes	Yes	Yes	Yes	Yes		10

Table: Case - Static 4 - Nonlinear Parameters, Part 5 of 5

Table: Case - Static 4 - Nonlinear Parameters, Part 5 of 5

Case	TFTol	TFAccelFact	TFNoStop
SLE	0.010000	1.000000	No
SLE_SISMA_DOWN	0.010000	1.000000	No
SLE_SISMA_UP	0.010000	1.000000	No
SLU_SISMA_DOWN	0.010000	1.000000	No
SLU_SISMA_UP	0.010000	1.000000	No

Table: Connectivity - Frame, Part 1 of 2

Table: Connectivity - Frame, Part 1 of 2

Frame	JointI	JointJ	IsCurved	Length m	CentroidX m	CentroidY m	CentroidZ m
1	1	2	No	1.02176	19.39655	0.00000	14.22867
2	2	3	No	0.84789	19.39655	0.00000	15.16350
3	3	4	No	0.84789	19.39655	0.00000	16.01140
4	4	5	No	0.84789	19.39655	0.00000	16.85929
5	5	6	No	1.10627	19.43995	0.00000	17.83467
6	6	7	No	1.10627	19.61247	0.00000	18.92395
7	7	8	No	1.10627	19.95328	0.00000	19.97284
8	8	9	No	1.10627	20.45396	0.00000	20.95550
9	9	10	No	1.10627	21.10221	0.00000	21.84773
10	10	11	No	1.10627	21.88205	0.00000	22.62757
11	11	12	No	1.10627	22.77429	0.00000	23.27582
12	12	13	No	1.10627	23.75695	0.00000	23.77651
13	13	14	No	1.10627	24.80583	0.00000	24.11731
14	14	15	No	1.10627	25.89512	0.00000	24.28984
15	15	16	No	1.10627	26.99798	0.00000	24.28984
16	16	17	No	1.10627	28.08726	0.00000	24.11731
17	17	18	No	1.10627	29.13615	0.00000	23.77651
18	18	19	No	1.10627	30.11881	0.00000	23.27582
19	19	20	No	1.10627	31.01104	0.00000	22.62757
20	20	21	No	1.10627	31.79088	0.00000	21.84773
21	21	22	No	1.10627	32.43913	0.00000	20.95550
22	22	23	No	1.10627	32.93982	0.00000	19.97284
23	23	24	No	1.10627	33.28062	0.00000	18.92395
24	24	25	No	1.10627	33.45315	0.00000	17.83467
25	25	26	No	0.84789	33.49655	0.00000	16.85929
26	26	27	No	0.84789	33.49655	0.00000	16.01140

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Connectivity - Frame, Part 1 of 2

Frame	JointI	JointJ	IsCurved	Length m	CentroidX m	CentroidY m	CentroidZ m
27	27	28	No	0.84789	33.49655	0.00000	15.16350
28	28	29	No	1.02176	33.49655	0.00000	14.22867
29	29	30	No	0.89989	33.04660	0.00000	13.71779
30	30	31	No	0.89989	32.14672	0.00000	13.71779
31	31	32	No	0.90286	31.28052	0.00000	13.54310
32	32	33	No	0.90286	30.43648	0.00000	13.22423
33	33	34	No	0.90286	29.57162	0.00000	12.96711
34	34	35	No	0.90286	28.69046	0.00000	12.77308
35	35	36	No	0.90286	27.79759	0.00000	12.64317
36	36	37	No	0.90286	26.89768	0.00000	12.57804
37	37	38	No	0.90286	25.99541	0.00000	12.57804
38	38	39	No	0.90286	25.09550	0.00000	12.64317
39	39	40	No	0.90286	24.20263	0.00000	12.77308
40	40	41	No	0.90286	23.32148	0.00000	12.96711
41	41	42	No	0.90286	22.45662	0.00000	13.22423
42	42	43	No	0.90286	21.61258	0.00000	13.54310
43	43	44	No	0.89989	20.74638	0.00000	13.71779
44	44	1	No	0.89989	19.84649	0.00000	13.71779
45	2	43	No	2.06958	20.29643	0.00000	14.22867
46	31	28	No	2.06958	32.59666	0.00000	14.22867

Table: Connectivity - Frame, Part 2 of 2

Table: Connectivity - Frame, Part 2 of 2

Frame	GUID
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PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Connectivity - Frame, Part 2 of 2

Frame	GUID
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Table: Coordinate Systems

Table: Coordinate Systems

Name	Type	X	Y	Z	AboutZ	AboutY	AboutX
		m	m	m	Degrees	Degrees	Degrees
GLOBAL	Cartesian	0.00000	0.00000	0.00000	0.000	0.000	0.000

Table: Database Format Types

Table: Database Format Types

UnitsCurr	OverrideE
Yes	No

Table: Element Forces - Frames, Part 1 of 2

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T
	m				KN	KN	KN	KN-m
1	0.00000	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
1	0.51088	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
1	1.02176	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
1	0.00000	SLE	NonStatic	Min	-339.850	-1332.936	0.000	0.0000
1	0.51088	SLE	NonStatic	Min	-312.518	-1396.593	0.000	0.0000
1	1.02176	SLE	NonStatic	Min	-288.762	-1460.249	0.000	0.0000
1	0.00000	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
1	0.51088	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
1	1.02176	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
1	0.00000	SLE_SISMA_DOWN	NonStatic	Min	-269.553	-1414.334	0.000	0.0000
1	0.51088	SLE_SISMA_DOWN	NonStatic	Min	-240.690	-1483.653	0.000	0.0000
1	1.02176	SLE_SISMA_DOWN	NonStatic	Min	-215.604	-1552.971	0.000	0.0000
1	0.00000	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000
1	0.51088	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
1	1.02176	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
1	0.00000	SLE_SISMA _UP	NonStatic	Min	-240.177	-1265.622	0.000	0.0000
1	0.51088	SLE_SISMA _UP	NonStatic	Min	-214.376	-1334.940	0.000	0.0000
1	1.02176	SLE_SISMA _UP	NonStatic	Min	-191.950	-1404.259	0.000	0.0000
1	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
1	0.51088	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
1	1.02176	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
1	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-176.738	-1399.398	0.000	0.0000
1	0.51088	SLU_SISMA _DOWN	NonStatic	Min	-145.825	-1489.813	0.000	0.0000
1	1.02176	SLU_SISMA _DOWN	NonStatic	Min	-118.957	-1580.228	0.000	0.0000
1	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
1	0.51088	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
1	1.02176	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
1	0.00000	SLU_SISMA _UP	NonStatic	Min	-111.981	-1040.674	0.000	0.0000
1	0.51088	SLU_SISMA _UP	NonStatic	Min	-88.230	-1131.089	0.000	0.0000
1	1.02176	SLU_SISMA _UP	NonStatic	Min	-67.586	-1221.504	0.000	0.0000
2	0.00000	SLE	NonStatic	Max	0.000	427.864	0.000	0.0000
2	0.42395	SLE	NonStatic	Max	0.000	378.438	0.000	0.0000
2	0.84789	SLE	NonStatic	Max	0.000	329.013	0.000	0.0000
2	0.00000	SLE	NonStatic	Min	-1339.987	0.000	0.000	0.0000
2	0.42395	SLE	NonStatic	Min	-1322.552	0.000	0.000	0.0000
2	0.84789	SLE	NonStatic	Min	-1306.707	0.000	0.000	0.0000
2	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	492.520	0.000	0.0000
2	0.42395	SLE_SISMA _DOWN	NonStatic	Max	0.000	438.395	0.000	0.0000
2	0.84789	SLE_SISMA _DOWN	NonStatic	Max	0.000	384.270	0.000	0.0000
2	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-1349.545	0.000	0.000	0.0000
2	0.42395	SLE_SISMA _DOWN	NonStatic	Min	-1331.134	0.000	0.000	0.0000
2	0.84789	SLE_SISMA _DOWN	NonStatic	Min	-1314.401	0.000	0.000	0.0000
2	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	484.601	0.000	0.0000
2	0.42395	SLE_SISMA _UP	NonStatic	Max	0.000	430.477	0.000	0.0000
2	0.84789	SLE_SISMA _UP	NonStatic	Max	0.000	376.352	0.000	0.0000
2	0.00000	SLE_SISMA _UP	NonStatic	Min	-1239.867	0.000	0.000	0.0000
2	0.42395	SLE_SISMA _UP	NonStatic	Min	-1223.408	0.000	0.000	0.0000
2	0.84789	SLE_SISMA _UP	NonStatic	Min	-1208.451	0.000	0.000	0.0000
2	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	673.049	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
2	0.42395	SLU_SISMA _DOWN	NonStatic	Max	0.000	602.095	0.000	0.0000
2	0.84789	SLU_SISMA _DOWN	NonStatic	Max	0.000	531.140	0.000	0.0000
2	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1368.922	0.000	0.000	0.0000
2	0.42395	SLU_SISMA _DOWN	NonStatic	Min	-1349.203	0.000	0.000	0.0000
2	0.84789	SLU_SISMA _DOWN	NonStatic	Min	-1331.283	0.000	0.000	0.0000
2	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	651.248	0.000	0.0000
2	0.42395	SLU_SISMA _UP	NonStatic	Max	0.000	580.293	0.000	0.0000
2	0.84789	SLU_SISMA _UP	NonStatic	Max	0.000	509.338	0.000	0.0000
2	0.00000	SLU_SISMA _UP	NonStatic	Min	-1108.298	0.000	0.000	0.0000
2	0.42395	SLU_SISMA _UP	NonStatic	Min	-1093.147	0.000	0.000	0.0000
2	0.84789	SLU_SISMA _UP	NonStatic	Min	-1079.377	0.000	0.000	0.0000
3	0.00000	SLE	NonStatic	Max	0.000	318.774	0.000	0.0000
3	0.42395	SLE	NonStatic	Max	0.000	272.385	0.000	0.0000
3	0.84789	SLE	NonStatic	Max	0.000	225.997	0.000	0.0000
3	0.00000	SLE	NonStatic	Min	-1306.707	0.000	0.000	0.0000
3	0.42395	SLE	NonStatic	Min	-1292.081	0.000	0.000	0.0000
3	0.84789	SLE	NonStatic	Min	-1278.303	0.000	0.000	0.0000
3	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	384.270	0.000	0.0000
3	0.42395	SLE_SISMA _DOWN	NonStatic	Max	0.000	333.183	0.000	0.0000
3	0.84789	SLE_SISMA _DOWN	NonStatic	Max	0.000	282.096	0.000	0.0000
3	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-1314.401	0.000	0.000	0.0000
3	0.42395	SLE_SISMA _DOWN	NonStatic	Min	-1298.956	0.000	0.000	0.0000
3	0.84789	SLE_SISMA _DOWN	NonStatic	Min	-1284.406	0.000	0.000	0.0000
3	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	376.352	0.000	0.0000
3	0.42395	SLE_SISMA _UP	NonStatic	Max	0.000	325.265	0.000	0.0000
3	0.84789	SLE_SISMA _UP	NonStatic	Max	0.000	274.177	0.000	0.0000
3	0.00000	SLE_SISMA _UP	NonStatic	Min	-1208.451	0.000	0.000	0.0000
3	0.42395	SLE_SISMA _UP	NonStatic	Min	-1194.644	0.000	0.000	0.0000
3	0.84789	SLE_SISMA _UP	NonStatic	Min	-1181.637	0.000	0.000	0.0000
3	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	531.140	0.000	0.0000
3	0.42395	SLU_SISMA _DOWN	NonStatic	Max	0.000	463.827	0.000	0.0000
3	0.84789	SLU_SISMA _DOWN	NonStatic	Max	0.000	396.514	0.000	0.0000
3	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1331.283	0.000	0.000	0.0000
3	0.42395	SLU_SISMA _DOWN	NonStatic	Min	-1314.740	0.000	0.000	0.0000
3	0.84789	SLU_SISMA _DOWN	NonStatic	Min	-1299.157	0.000	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
3	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	509.338	0.000	0.0000
3	0.42395	SLU_SISMA _UP	NonStatic	Max	0.000	442.025	0.000	0.0000
3	0.84789	SLU_SISMA _UP	NonStatic	Max	0.000	374.712	0.000	0.0000
3	0.00000	SLU_SISMA _UP	NonStatic	Min	-1079.377	0.000	0.000	0.0000
3	0.42395	SLU_SISMA _UP	NonStatic	Min	-1066.667	0.000	0.000	0.0000
3	0.84789	SLU_SISMA _UP	NonStatic	Min	-1054.694	0.000	0.000	0.0000
4	0.00000	SLE	NonStatic	Max	0.000	214.457	0.000	0.0000
4	0.42395	SLE	NonStatic	Max	0.000	171.142	0.000	0.0000
4	0.84789	SLE	NonStatic	Max	0.000	127.826	0.000	0.0000
4	0.00000	SLE	NonStatic	Min	-1278.303	0.000	0.000	0.0000
4	0.42395	SLE	NonStatic	Min	-1265.107	0.000	0.000	0.0000
4	0.84789	SLE	NonStatic	Min	-1252.230	0.000	0.000	0.0000
4	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	282.096	0.000	0.0000
4	0.42395	SLE_SISMA _DOWN	NonStatic	Max	0.000	234.081	0.000	0.0000
4	0.84789	SLE_SISMA _DOWN	NonStatic	Max	0.000	186.067	0.000	0.0000
4	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-1284.406	0.000	0.000	0.0000
4	0.42395	SLE_SISMA _DOWN	NonStatic	Min	-1270.472	0.000	0.000	0.0000
4	0.84789	SLE_SISMA _DOWN	NonStatic	Min	-1256.873	0.000	0.000	0.0000
4	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	274.177	0.000	0.0000
4	0.42395	SLE_SISMA _UP	NonStatic	Max	0.000	226.163	0.000	0.0000
4	0.84789	SLE_SISMA _UP	NonStatic	Max	0.000	178.149	0.000	0.0000
4	0.00000	SLE_SISMA _UP	NonStatic	Min	-1181.637	0.000	0.000	0.0000
4	0.42395	SLE_SISMA _UP	NonStatic	Min	-1169.180	0.000	0.000	0.0000
4	0.84789	SLE_SISMA _UP	NonStatic	Min	-1157.024	0.000	0.000	0.0000
4	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	396.514	0.000	0.0000
4	0.42395	SLU_SISMA _DOWN	NonStatic	Max	0.000	332.886	0.000	0.0000
4	0.84789	SLU_SISMA _DOWN	NonStatic	Max	0.000	269.258	0.000	0.0000
4	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1299.157	0.000	0.000	0.0000
4	0.42395	SLU_SISMA _DOWN	NonStatic	Min	-1284.233	0.000	0.000	0.0000
4	0.84789	SLU_SISMA _DOWN	NonStatic	Min	-1269.669	0.000	0.000	0.0000
4	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	374.712	0.000	0.0000
4	0.42395	SLU_SISMA _UP	NonStatic	Max	0.000	311.084	0.000	0.0000
4	0.84789	SLU_SISMA _UP	NonStatic	Max	0.000	247.456	0.000	0.0000
4	0.00000	SLU_SISMA _UP	NonStatic	Min	-1054.694	0.000	0.000	0.0000
4	0.42395	SLU_SISMA _UP	NonStatic	Min	-1043.227	0.000	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
4	0.84789	SLU_SISMA _UP	NonStatic	Min	-1032.037	0.000	0.000	0.0000
5	0.00000	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
5	0.55314	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
5	1.10627	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
5	0.00000	SLE	NonStatic	Min	-1238.811	-219.697	0.000	0.0000
5	0.55314	SLE	NonStatic	Min	-1216.499	-166.050	0.000	0.0000
5	1.10627	SLE	NonStatic	Min	-1193.566	-112.354	0.000	0.0000
5	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
5	0.55314	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
5	1.10627	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
5	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-1238.400	-284.107	0.000	0.0000
5	0.55314	SLE_SISMA _DOWN	NonStatic	Min	-1215.316	-224.268	0.000	0.0000
5	1.10627	SLE_SISMA _DOWN	NonStatic	Min	-1191.577	-164.377	0.000	0.0000
5	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
5	0.55314	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
5	1.10627	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
5	0.00000	SLE_SISMA _UP	NonStatic	Min	-1139.480	-268.379	0.000	0.0000
5	0.55314	SLE_SISMA _UP	NonStatic	Min	-1118.898	-208.736	0.000	0.0000
5	1.10627	SLE_SISMA _UP	NonStatic	Min	-1097.730	-149.048	0.000	0.0000
5	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
5	0.55314	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
5	1.10627	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
5	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1244.629	-368.045	0.000	0.0000
5	0.55314	SLU_SISMA _DOWN	NonStatic	Min	-1221.346	-288.738	0.000	0.0000
5	1.10627	SLU_SISMA _DOWN	NonStatic	Min	-1197.361	-209.376	0.000	0.0000
5	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
5	0.55314	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
5	1.10627	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
5	0.00000	SLU_SISMA _UP	NonStatic	Min	-1009.440	-327.666	0.000	0.0000
5	0.55314	SLU_SISMA _UP	NonStatic	Min	-992.100	-248.827	0.000	0.0000
5	1.10627	SLU_SISMA _UP	NonStatic	Min	-974.221	-169.945	0.000	0.0000
6	0.00000	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
6	0.55314	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
6	1.10627	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
6	0.00000	SLE	NonStatic	Min	-1161.295	-297.686	0.000	0.0000
6	0.55314	SLE	NonStatic	Min	-1128.566	-243.079	0.000	0.0000
6	1.10627	SLE	NonStatic	Min	-1093.618	-187.939	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
6	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
6	0.55314	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
6	1.10627	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
6	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-1151.193	-348.757	0.000	0.0000
6	0.55314	SLE_SISMA _DOWN	NonStatic	Min	-1118.019	-287.912	0.000	0.0000
6	1.10627	SLE_SISMA _DOWN	NonStatic	Min	-1082.503	-226.505	0.000	0.0000
6	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
6	0.55314	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
6	1.10627	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
6	0.00000	SLE_SISMA _UP	NonStatic	Min	-1060.899	-318.936	0.000	0.0000
6	0.55314	SLE_SISMA _UP	NonStatic	Min	-1031.397	-258.973	0.000	0.0000
6	1.10627	SLE_SISMA _UP	NonStatic	Min	-999.802	-198.507	0.000	0.0000
6	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
6	0.55314	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
6	1.10627	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
6	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1149.866	-394.107	0.000	0.0000
6	0.55314	SLU_SISMA _DOWN	NonStatic	Min	-1118.297	-315.219	0.000	0.0000
6	1.10627	SLU_SISMA _DOWN	NonStatic	Min	-1084.219	-235.728	0.000	0.0000
6	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
6	0.55314	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
6	1.10627	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
6	0.00000	SLU_SISMA _UP	NonStatic	Min	-935.641	-320.255	0.000	0.0000
6	0.55314	SLU_SISMA _UP	NonStatic	Min	-912.902	-243.486	0.000	0.0000
6	1.10627	SLU_SISMA _UP	NonStatic	Min	-888.235	-166.255	0.000	0.0000
7	0.00000	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
7	0.55314	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
7	1.10627	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
7	0.00000	SLE	NonStatic	Min	-1050.754	-356.707	0.000	0.0000
7	0.55314	SLE	NonStatic	Min	-1008.392	-297.364	0.000	0.0000
7	1.10627	SLE	NonStatic	Min	-962.453	-236.539	0.000	0.0000
7	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
7	0.55314	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
7	1.10627	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
7	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-1033.743	-393.057	0.000	0.0000
7	0.55314	SLE_SISMA _DOWN	NonStatic	Min	-991.171	-327.497	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
7	1.10627	SLE_SISMA _DOWN	NonStatic	Min	-944.823	-260.371	0.000	0.0000
7	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
7	0.55314	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
7	1.10627	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
7	0.00000	SLE_SISMA _UP	NonStatic	Min	-956.439	-352.466	0.000	0.0000
7	0.55314	SLE_SISMA _UP	NonStatic	Min	-918.621	-288.875	0.000	0.0000
7	1.10627	SLE_SISMA _UP	NonStatic	Min	-877.427	-223.884	0.000	0.0000
7	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
7	0.55314	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
7	1.10627	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
7	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1033.995	-402.435	0.000	0.0000
7	0.55314	SLU_SISMA _DOWN	NonStatic	Min	-994.241	-320.599	0.000	0.0000
7	1.10627	SLU_SISMA _DOWN	NonStatic	Min	-950.441	-237.086	0.000	0.0000
7	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
7	0.55314	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
7	1.10627	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
7	0.00000	SLU_SISMA _UP	NonStatic	Min	-851.291	-303.159	0.000	0.0000
7	0.55314	SLU_SISMA _UP	NonStatic	Min	-822.990	-226.066	0.000	0.0000
7	1.10627	SLU_SISMA _UP	NonStatic	Min	-791.581	-147.686	0.000	0.0000
8	0.00000	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
8	0.55314	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
8	1.10627	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
8	0.00000	SLE	NonStatic	Min	-913.600	-384.193	0.000	0.0000
8	0.55314	SLE	NonStatic	Min	-866.417	-318.105	0.000	0.0000
8	1.10627	SLE	NonStatic	Min	-820.825	-252.994	0.000	0.0000
8	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
8	0.55314	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
8	1.10627	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
8	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-892.459	-404.969	0.000	0.0000
8	0.55314	SLE_SISMA _DOWN	NonStatic	Min	-845.360	-332.802	0.000	0.0000
8	1.10627	SLE_SISMA _DOWN	NonStatic	Min	-799.941	-261.665	0.000	0.0000
8	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
8	0.55314	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
8	1.10627	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
8	0.00000	SLE_SISMA _UP	NonStatic	Min	-831.601	-358.388	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
8	0.55314	SLE_SISMA _UP	NonStatic	Min	-789.796	-289.466	0.000	0.0000
8	1.10627	SLE_SISMA _UP	NonStatic	Min	-749.494	-221.464	0.000	0.0000
8	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
8	0.55314	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
8	1.10627	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
8	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-901.651	-382.849	0.000	0.0000
8	0.55314	SLU_SISMA _DOWN	NonStatic	Min	-858.180	-296.383	0.000	0.0000
8	1.10627	SLU_SISMA _DOWN	NonStatic	Min	-816.510	-211.020	0.000	0.0000
8	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
8	0.55314	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
8	1.10627	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
8	0.00000	SLU_SISMA _UP	NonStatic	Min	-758.732	-269.698	0.000	0.0000
8	0.55314	SLU_SISMA _UP	NonStatic	Min	-728.020	-191.051	0.000	0.0000
8	1.10627	SLU_SISMA _UP	NonStatic	Min	-698.692	-113.252	0.000	0.0000
9	0.00000	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
9	0.55314	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
9	1.10627	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
9	0.00000	SLE	NonStatic	Min	-771.142	-378.291	0.000	0.0000
9	0.55314	SLE	NonStatic	Min	-730.337	-310.466	0.000	0.0000
9	1.10627	SLE	NonStatic	Min	-691.898	-244.661	0.000	0.0000
9	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
9	0.55314	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
9	1.10627	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
9	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-749.159	-383.582	0.000	0.0000
9	0.55314	SLE_SISMA _DOWN	NonStatic	Min	-709.092	-310.256	0.000	0.0000
9	1.10627	SLE_SISMA _DOWN	NonStatic	Min	-671.523	-239.063	0.000	0.0000
9	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
9	0.55314	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
9	1.10627	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
9	0.00000	SLE_SISMA _UP	NonStatic	Min	-705.622	-335.984	0.000	0.0000
9	0.55314	SLE_SISMA _UP	NonStatic	Min	-670.135	-266.570	0.000	0.0000
9	1.10627	SLE_SISMA _UP	NonStatic	Min	-636.881	-199.063	0.000	0.0000
9	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
9	0.55314	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
9	1.10627	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
9	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-773.446	-336.153	0.000	0.0000
9	0.55314	SLU_SISMA _DOWN	NonStatic	Min	-737.876	-250.979	0.000	0.0000
9	1.10627	SLU_SISMA _DOWN	NonStatic	Min	-704.981	-168.092	0.000	0.0000
9	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
9	0.55314	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
9	1.10627	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
9	0.00000	SLU_SISMA _UP	NonStatic	Min	-672.373	-221.157	0.000	0.0000
9	0.55314	SLU_SISMA _UP	NonStatic	Min	-647.884	-145.448	0.000	0.0000
9	1.10627	SLU_SISMA _UP	NonStatic	Min	-625.450	-71.495	0.000	0.0000
10	0.00000	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
10	0.55314	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
10	1.10627	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
10	0.00000	SLE	NonStatic	Min	-645.105	-349.894	0.000	0.0000
10	0.55314	SLE	NonStatic	Min	-613.050	-283.067	0.000	0.0000
10	1.10627	SLE	NonStatic	Min	-582.028	-217.449	0.000	0.0000
10	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
10	0.55314	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
10	1.10627	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
10	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-625.858	-341.170	0.000	0.0000
10	0.55314	SLE_SISMA _DOWN	NonStatic	Min	-595.031	-269.650	0.000	0.0000
10	1.10627	SLE_SISMA _DOWN	NonStatic	Min	-565.294	-199.407	0.000	0.0000
10	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
10	0.55314	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
10	1.10627	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
10	0.00000	SLE_SISMA _UP	NonStatic	Min	-597.900	-296.242	0.000	0.0000
10	0.55314	SLE_SISMA _UP	NonStatic	Min	-570.671	-228.936	0.000	0.0000
10	1.10627	SLE_SISMA _UP	NonStatic	Min	-544.418	-162.772	0.000	0.0000
10	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
10	0.55314	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
10	1.10627	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
10	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-670.006	-276.305	0.000	0.0000
10	0.55314	SLU_SISMA _DOWN	NonStatic	Min	-643.991	-195.465	0.000	0.0000
10	1.10627	SLU_SISMA _DOWN	NonStatic	Min	-619.145	-115.992	0.000	0.0000
10	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
10	0.55314	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
10	1.10627	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
10	0.00000	SLU_SISMA _UP	NonStatic	Min	-606.566	-168.457	0.000	0.0000
10	0.55314	SLU_SISMA _UP	NonStatic	Min	-589.296	-97.856	0.000	0.0000
10	1.10627	SLU_SISMA _UP	NonStatic	Min	-572.924	-28.305	0.000	0.0000
11	0.00000	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
11	0.55314	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
11	1.10627	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
11	0.00000	SLE	NonStatic	Min	-540.845	-305.831	0.000	0.0000
11	0.55314	SLE	NonStatic	Min	-516.294	-239.540	0.000	0.0000
11	1.10627	SLE	NonStatic	Min	-491.852	-173.426	0.000	0.0000
11	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
11	0.55314	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
11	1.10627	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
11	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-527.140	-285.383	0.000	0.0000
11	0.55314	SLE_SISMA _DOWN	NonStatic	Min	-503.943	-215.169	0.000	0.0000
11	1.10627	SLE_SISMA _DOWN	NonStatic	Min	-480.860	-145.141	0.000	0.0000
11	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
11	0.55314	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
11	1.10627	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
11	0.00000	SLE_SISMA _UP	NonStatic	Min	-512.253	-245.934	0.000	0.0000
11	0.55314	SLE_SISMA _UP	NonStatic	Min	-491.812	-180.218	0.000	0.0000
11	1.10627	SLE_SISMA _UP	NonStatic	Min	-471.474	-114.669	0.000	0.0000
11	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
11	0.55314	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
11	1.10627	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
11	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-593.377	-211.420	0.000	0.0000
11	0.55314	SLU_SISMA _DOWN	NonStatic	Min	-574.592	-134.062	0.000	0.0000
11	1.10627	SLU_SISMA _DOWN	NonStatic	Min	-555.930	-56.904	0.000	0.0000
11	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
11	0.55314	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
11	1.10627	SLU_SISMA _UP	NonStatic	Max	0.000	15.073	0.000	0.0000
11	0.00000	SLU_SISMA _UP	NonStatic	Min	-561.443	-117.582	0.000	0.0000
11	0.55314	SLU_SISMA _UP	NonStatic	Min	-549.371	-51.178	0.000	0.0000
11	1.10627	SLU_SISMA _UP	NonStatic	Min	-537.393	0.000	0.000	0.0000
12	0.00000	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
12	0.55314	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
12	1.10627	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
12	0.00000	SLE	NonStatic	Min	-458.666	-248.245	0.000	0.0000
12	0.55314	SLE	NonStatic	Min	-440.964	-181.639	0.000	0.0000
12	1.10627	SLE	NonStatic	Min	-423.262	-115.032	0.000	0.0000
12	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
12	0.55314	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
12	1.10627	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
12	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-452.235	-218.577	0.000	0.0000
12	0.55314	SLE_SISMA _DOWN	NonStatic	Min	-435.707	-148.674	0.000	0.0000
12	1.10627	SLE_SISMA _DOWN	NonStatic	Min	-419.178	-78.770	0.000	0.0000
12	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
12	0.55314	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
12	1.10627	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
12	0.00000	SLE_SISMA _UP	NonStatic	Min	-447.731	-187.012	0.000	0.0000
12	0.55314	SLE_SISMA _UP	NonStatic	Min	-433.190	-121.907	0.000	0.0000
12	1.10627	SLE_SISMA _UP	NonStatic	Min	-418.650	-56.802	0.000	0.0000
12	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
12	0.55314	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
12	1.10627	SLU_SISMA _DOWN	NonStatic	Max	0.000	7.588	0.000	0.0000
12	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-540.184	-143.170	0.000	0.0000
12	0.55314	SLU_SISMA _DOWN	NonStatic	Min	-527.135	-67.791	0.000	0.0000
12	1.10627	SLU_SISMA _DOWN	NonStatic	Min	-514.087	0.000	0.000	0.0000
12	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
12	0.55314	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
12	1.10627	SLU_SISMA _UP	NonStatic	Max	0.000	58.208	0.000	0.0000
12	0.00000	SLU_SISMA _UP	NonStatic	Min	-533.134	-69.179	0.000	0.0000
12	0.55314	SLU_SISMA _UP	NonStatic	Min	-524.926	-5.486	0.000	0.0000
12	1.10627	SLU_SISMA _UP	NonStatic	Min	-516.717	0.000	0.000	0.0000
13	0.00000	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
13	0.55314	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
13	1.10627	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
13	0.00000	SLE	NonStatic	Min	-400.055	-179.842	0.000	0.0000
13	0.55314	SLE	NonStatic	Min	-389.383	-113.122	0.000	0.0000
13	1.10627	SLE	NonStatic	Min	-378.711	-46.402	0.000	0.0000
13	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
13	0.55314	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
13	1.10627	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
13	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-401.695	-143.374	0.000	0.0000
13	0.55314	SLE_SISMA _DOWN	NonStatic	Min	-391.815	-73.825	0.000	0.0000
13	1.10627	SLE_SISMA _DOWN	NonStatic	Min	-381.936	-4.275	0.000	0.0000
13	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
13	0.55314	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
13	1.10627	SLE_SISMA _UP	NonStatic	Max	0.000	7.521	0.000	0.0000
13	0.00000	SLE_SISMA _UP	NonStatic	Min	-404.610	-121.594	0.000	0.0000
13	0.55314	SLE_SISMA _UP	NonStatic	Min	-395.928	-57.037	0.000	0.0000
13	1.10627	SLE_SISMA _UP	NonStatic	Min	-387.247	0.000	0.000	0.0000
13	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
13	0.55314	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.942	0.000	0.0000
13	1.10627	SLU_SISMA _DOWN	NonStatic	Max	0.000	74.810	0.000	0.0000
13	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-508.944	-72.926	0.000	0.0000
13	0.55314	SLU_SISMA _DOWN	NonStatic	Min	-501.282	0.000	0.000	0.0000
13	1.10627	SLU_SISMA _DOWN	NonStatic	Min	-493.620	0.000	0.000	0.0000
13	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
13	0.55314	SLU_SISMA _UP	NonStatic	Max	0.000	38.376	0.000	0.0000
13	1.10627	SLU_SISMA _UP	NonStatic	Max	0.000	100.092	0.000	0.0000
13	0.00000	SLU_SISMA _UP	NonStatic	Min	-519.461	-23.341	0.000	0.0000
13	0.55314	SLU_SISMA _UP	NonStatic	Min	-514.717	0.000	0.000	0.0000
13	1.10627	SLU_SISMA _UP	NonStatic	Min	-509.972	0.000	0.000	0.0000
14	0.00000	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
14	0.55314	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
14	1.10627	SLE	NonStatic	Max	0.000	28.313	0.000	0.0000
14	0.00000	SLE	NonStatic	Min	-366.788	-105.088	0.000	0.0000
14	0.55314	SLE	NonStatic	Min	-363.228	-38.387	0.000	0.0000
14	1.10627	SLE	NonStatic	Min	-359.668	0.000	0.000	0.0000
14	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
14	0.55314	SLE_SISMA _DOWN	NonStatic	Max	0.000	5.307	0.000	0.0000
14	1.10627	SLE_SISMA _DOWN	NonStatic	Max	0.000	74.586	0.000	0.0000
14	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-376.564	-63.971	0.000	0.0000
14	0.55314	SLE_SISMA _DOWN	NonStatic	Min	-373.284	0.000	0.000	0.0000
14	1.10627	SLE_SISMA _DOWN	NonStatic	Min	-370.003	0.000	0.000	0.0000
14	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
14	0.55314	SLE_SISMA _UP	NonStatic	Max	0.000	11.049	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
14	1.10627	SLE_SISMA _UP	NonStatic	Max	0.000	75.247	0.000	0.0000
14	0.00000	SLE_SISMA _UP	NonStatic	Min	-383.656	-53.150	0.000	0.0000
14	0.55314	SLE_SISMA _UP	NonStatic	Min	-380.775	0.000	0.000	0.0000
14	1.10627	SLE_SISMA _UP	NonStatic	Min	-377.894	0.000	0.000	0.0000
14	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
14	0.55314	SLU_SISMA _DOWN	NonStatic	Max	0.000	69.672	0.000	0.0000
14	1.10627	SLU_SISMA _DOWN	NonStatic	Max	0.000	142.675	0.000	0.0000
14	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-499.246	-3.330	0.000	0.0000
14	0.55314	SLU_SISMA _DOWN	NonStatic	Min	-496.727	0.000	0.000	0.0000
14	1.10627	SLU_SISMA _DOWN	NonStatic	Min	-494.207	0.000	0.000	0.0000
14	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	19.083	0.000	0.0000
14	0.55314	SLU_SISMA _UP	NonStatic	Max	0.000	79.722	0.000	0.0000
14	1.10627	SLU_SISMA _UP	NonStatic	Max	0.000	140.361	0.000	0.0000
14	0.00000	SLU_SISMA _UP	NonStatic	Min	-519.351	0.000	0.000	0.0000
14	0.55314	SLU_SISMA _UP	NonStatic	Min	-517.805	0.000	0.000	0.0000
14	1.10627	SLU_SISMA _UP	NonStatic	Min	-516.259	0.000	0.000	0.0000
15	0.00000	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
15	0.55314	SLE	NonStatic	Max	0.000	38.387	0.000	0.0000
15	1.10627	SLE	NonStatic	Max	0.000	105.088	0.000	0.0000
15	0.00000	SLE	NonStatic	Min	-359.668	-28.313	0.000	0.0000
15	0.55314	SLE	NonStatic	Min	-363.228	0.000	0.000	0.0000
15	1.10627	SLE	NonStatic	Min	-366.788	0.000	0.000	0.0000
15	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	15.786	0.000	0.0000
15	0.55314	SLE_SISMA _DOWN	NonStatic	Max	0.000	84.989	0.000	0.0000
15	1.10627	SLE_SISMA _DOWN	NonStatic	Max	0.000	154.191	0.000	0.0000
15	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-377.116	0.000	0.000	0.0000
15	0.55314	SLE_SISMA _DOWN	NonStatic	Min	-381.355	0.000	0.000	0.0000
15	1.10627	SLE_SISMA _DOWN	NonStatic	Min	-385.595	0.000	0.000	0.0000
15	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	15.205	0.000	0.0000
15	0.55314	SLE_SISMA _UP	NonStatic	Max	0.000	79.328	0.000	0.0000
15	1.10627	SLE_SISMA _UP	NonStatic	Max	0.000	143.452	0.000	0.0000
15	0.00000	SLE_SISMA _UP	NonStatic	Min	-385.013	0.000	0.000	0.0000
15	0.55314	SLE_SISMA _UP	NonStatic	Min	-388.853	0.000	0.000	0.0000
15	1.10627	SLE_SISMA _UP	NonStatic	Min	-392.693	0.000	0.000	0.0000
15	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	63.607	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
15	0.55314	SLU_SISMA _DOWN	NonStatic	Max	0.000	136.422	0.000	0.0000
15	1.10627	SLU_SISMA _DOWN	NonStatic	Max	0.000	209.237	0.000	0.0000
15	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-510.442	0.000	0.000	0.0000
15	0.55314	SLU_SISMA _DOWN	NonStatic	Min	-515.348	0.000	0.000	0.0000
15	1.10627	SLU_SISMA _DOWN	NonStatic	Min	-520.254	0.000	0.000	0.0000
15	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	57.872	0.000	0.0000
15	0.55314	SLU_SISMA _UP	NonStatic	Max	0.000	118.324	0.000	0.0000
15	1.10627	SLU_SISMA _UP	NonStatic	Max	0.000	178.775	0.000	0.0000
15	0.00000	SLU_SISMA _UP	NonStatic	Min	-531.860	0.000	0.000	0.0000
15	0.55314	SLU_SISMA _UP	NonStatic	Min	-535.793	0.000	0.000	0.0000
15	1.10627	SLU_SISMA _UP	NonStatic	Min	-539.726	0.000	0.000	0.0000
16	0.00000	SLE	NonStatic	Max	0.000	46.402	0.000	0.0000
16	0.55314	SLE	NonStatic	Max	0.000	113.122	0.000	0.0000
16	1.10627	SLE	NonStatic	Max	0.000	179.842	0.000	0.0000
16	0.00000	SLE	NonStatic	Min	-378.711	0.000	0.000	0.0000
16	0.55314	SLE	NonStatic	Min	-389.383	0.000	0.000	0.0000
16	1.10627	SLE	NonStatic	Min	-400.055	0.000	0.000	0.0000
16	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	91.973	0.000	0.0000
16	0.55314	SLE_SISMA _DOWN	NonStatic	Max	0.000	160.854	0.000	0.0000
16	1.10627	SLE_SISMA _DOWN	NonStatic	Max	0.000	229.735	0.000	0.0000
16	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-404.969	0.000	0.000	0.0000
16	0.55314	SLE_SISMA _DOWN	NonStatic	Min	-417.632	0.000	0.000	0.0000
16	1.10627	SLE_SISMA _DOWN	NonStatic	Min	-430.295	0.000	0.000	0.0000
16	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	80.255	0.000	0.0000
16	0.55314	SLE_SISMA _UP	NonStatic	Max	0.000	144.144	0.000	0.0000
16	1.10627	SLE_SISMA _UP	NonStatic	Max	0.000	208.034	0.000	0.0000
16	0.00000	SLE_SISMA _UP	NonStatic	Min	-410.299	0.000	0.000	0.0000
16	0.55314	SLE_SISMA _UP	NonStatic	Min	-421.764	0.000	0.000	0.0000
16	1.10627	SLE_SISMA _UP	NonStatic	Min	-433.228	0.000	0.000	0.0000
16	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	125.275	0.000	0.0000
16	0.55314	SLU_SISMA _DOWN	NonStatic	Max	0.000	197.480	0.000	0.0000
16	1.10627	SLU_SISMA _DOWN	NonStatic	Max	0.000	269.686	0.000	0.0000
16	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-546.580	0.000	0.000	0.0000
16	0.55314	SLU_SISMA _DOWN	NonStatic	Min	-561.169	0.000	0.000	0.0000
16	1.10627	SLU_SISMA _DOWN	NonStatic	Min	-575.757	0.000	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
16	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	92.142	0.000	0.0000
16	0.55314	SLU_SISMA _UP	NonStatic	Max	0.000	152.196	0.000	0.0000
16	1.10627	SLU_SISMA _UP	NonStatic	Max	0.000	212.250	0.000	0.0000
16	0.00000	SLU_SISMA _UP	NonStatic	Min	-561.047	0.000	0.000	0.0000
16	0.55314	SLU_SISMA _UP	NonStatic	Min	-572.718	0.000	0.000	0.0000
16	1.10627	SLU_SISMA _UP	NonStatic	Min	-584.389	0.000	0.000	0.0000
17	0.00000	SLE	NonStatic	Max	0.000	115.032	0.000	0.0000
17	0.55314	SLE	NonStatic	Max	0.000	181.639	0.000	0.0000
17	1.10627	SLE	NonStatic	Max	0.000	248.245	0.000	0.0000
17	0.00000	SLE	NonStatic	Min	-423.262	0.000	0.000	0.0000
17	0.55314	SLE	NonStatic	Min	-440.964	0.000	0.000	0.0000
17	1.10627	SLE	NonStatic	Min	-458.666	0.000	0.000	0.0000
17	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	159.594	0.000	0.0000
17	0.55314	SLE_SISMA _DOWN	NonStatic	Max	0.000	227.702	0.000	0.0000
17	1.10627	SLE_SISMA _DOWN	NonStatic	Max	0.000	295.809	0.000	0.0000
17	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-460.936	0.000	0.000	0.0000
17	0.55314	SLE_SISMA _DOWN	NonStatic	Min	-481.799	0.000	0.000	0.0000
17	1.10627	SLE_SISMA _DOWN	NonStatic	Min	-502.663	0.000	0.000	0.0000
17	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	137.701	0.000	0.0000
17	0.55314	SLE_SISMA _UP	NonStatic	Max	0.000	201.010	0.000	0.0000
17	1.10627	SLE_SISMA _UP	NonStatic	Max	0.000	264.319	0.000	0.0000
17	0.00000	SLE_SISMA _UP	NonStatic	Min	-460.438	0.000	0.000	0.0000
17	0.55314	SLE_SISMA _UP	NonStatic	Min	-479.314	0.000	0.000	0.0000
17	1.10627	SLE_SISMA _UP	NonStatic	Min	-498.190	0.000	0.000	0.0000
17	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	176.297	0.000	0.0000
17	0.55314	SLU_SISMA _DOWN	NonStatic	Max	0.000	247.208	0.000	0.0000
17	1.10627	SLU_SISMA _DOWN	NonStatic	Max	0.000	318.118	0.000	0.0000
17	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-610.856	0.000	0.000	0.0000
17	0.55314	SLU_SISMA _DOWN	NonStatic	Min	-634.693	0.000	0.000	0.0000
17	1.10627	SLU_SISMA _DOWN	NonStatic	Min	-658.529	0.000	0.000	0.0000
17	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	118.219	0.000	0.0000
17	0.55314	SLU_SISMA _UP	NonStatic	Max	0.000	177.444	0.000	0.0000
17	1.10627	SLU_SISMA _UP	NonStatic	Max	0.000	236.669	0.000	0.0000
17	0.00000	SLU_SISMA _UP	NonStatic	Min	-610.397	0.000	0.000	0.0000
17	0.55314	SLU_SISMA _UP	NonStatic	Min	-629.393	0.000	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
17	1.10627	SLU_SISMA _UP	NonStatic	Min	-648.390	0.000	0.000	0.0000
18	0.00000	SLE	NonStatic	Max	0.000	173.426	0.000	0.0000
18	0.55314	SLE	NonStatic	Max	0.000	239.540	0.000	0.0000
18	1.10627	SLE	NonStatic	Max	0.000	305.831	0.000	0.0000
18	0.00000	SLE	NonStatic	Min	-491.852	0.000	0.000	0.0000
18	0.55314	SLE	NonStatic	Min	-516.294	0.000	0.000	0.0000
18	1.10627	SLE	NonStatic	Min	-540.845	0.000	0.000	0.0000
18	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	213.534	0.000	0.0000
18	0.55314	SLE_SISMA _DOWN	NonStatic	Max	0.000	280.214	0.000	0.0000
18	1.10627	SLE_SISMA _DOWN	NonStatic	Max	0.000	347.081	0.000	0.0000
18	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-542.749	0.000	0.000	0.0000
18	0.55314	SLE_SISMA _DOWN	NonStatic	Min	-571.294	0.000	0.000	0.0000
18	1.10627	SLE_SISMA _DOWN	NonStatic	Min	-599.954	0.000	0.000	0.0000
18	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	183.131	0.000	0.0000
18	0.55314	SLE_SISMA _UP	NonStatic	Max	0.000	245.332	0.000	0.0000
18	1.10627	SLE_SISMA _UP	NonStatic	Max	0.000	307.700	0.000	0.0000
18	0.00000	SLE_SISMA _UP	NonStatic	Min	-533.405	0.000	0.000	0.0000
18	0.55314	SLE_SISMA _UP	NonStatic	Min	-559.206	0.000	0.000	0.0000
18	1.10627	SLE_SISMA _UP	NonStatic	Min	-585.109	0.000	0.000	0.0000
18	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	211.185	0.000	0.0000
18	0.55314	SLU_SISMA _DOWN	NonStatic	Max	0.000	280.013	0.000	0.0000
18	1.10627	SLU_SISMA _DOWN	NonStatic	Max	0.000	349.041	0.000	0.0000
18	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-700.186	0.000	0.000	0.0000
18	0.55314	SLU_SISMA _DOWN	NonStatic	Min	-732.441	0.000	0.000	0.0000
18	1.10627	SLU_SISMA _DOWN	NonStatic	Min	-764.819	0.000	0.000	0.0000
18	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	132.325	0.000	0.0000
18	0.55314	SLU_SISMA _UP	NonStatic	Max	0.000	190.246	0.000	0.0000
18	1.10627	SLU_SISMA _UP	NonStatic	Max	0.000	248.320	0.000	0.0000
18	0.00000	SLU_SISMA _UP	NonStatic	Min	-677.430	0.000	0.000	0.0000
18	0.55314	SLU_SISMA _UP	NonStatic	Min	-703.001	0.000	0.000	0.0000
18	1.10627	SLU_SISMA _UP	NonStatic	Min	-728.666	0.000	0.000	0.0000
19	0.00000	SLE	NonStatic	Max	0.000	217.449	0.000	0.0000
19	0.55314	SLE	NonStatic	Max	0.000	283.067	0.000	0.0000
19	1.10627	SLE	NonStatic	Max	0.000	349.894	0.000	0.0000
19	0.00000	SLE	NonStatic	Min	-582.028	0.000	0.000	0.0000
19	0.55314	SLE	NonStatic	Min	-613.050	0.000	0.000	0.0000
19	1.10627	SLE	NonStatic	Min	-645.105	0.000	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
19	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	248.954	0.000	0.0000
19	0.55314	SLE_SISMA _DOWN	NonStatic	Max	0.000	314.025	0.000	0.0000
19	1.10627	SLE_SISMA _DOWN	NonStatic	Max	0.000	380.373	0.000	0.0000
19	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-646.863	0.000	0.000	0.0000
19	0.55314	SLE_SISMA _DOWN	NonStatic	Min	-682.655	0.000	0.000	0.0000
19	1.10627	SLE_SISMA _DOWN	NonStatic	Min	-719.538	0.000	0.000	0.0000
19	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	212.381	0.000	0.0000
19	0.55314	SLE_SISMA _UP	NonStatic	Max	0.000	273.373	0.000	0.0000
19	1.10627	SLE_SISMA _UP	NonStatic	Max	0.000	335.508	0.000	0.0000
19	0.00000	SLE_SISMA _UP	NonStatic	Min	-626.040	0.000	0.000	0.0000
19	0.55314	SLE_SISMA _UP	NonStatic	Min	-658.349	0.000	0.000	0.0000
19	1.10627	SLE_SISMA _UP	NonStatic	Min	-691.632	0.000	0.000	0.0000
19	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	225.100	0.000	0.0000
19	0.55314	SLU_SISMA _DOWN	NonStatic	Max	0.000	291.704	0.000	0.0000
19	1.10627	SLU_SISMA _DOWN	NonStatic	Max	0.000	359.675	0.000	0.0000
19	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-810.005	0.000	0.000	0.0000
19	0.55314	SLU_SISMA _DOWN	NonStatic	Min	-849.919	0.000	0.000	0.0000
19	1.10627	SLU_SISMA _DOWN	NonStatic	Min	-891.002	0.000	0.000	0.0000
19	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	131.274	0.000	0.0000
19	0.55314	SLU_SISMA _UP	NonStatic	Max	0.000	187.955	0.000	0.0000
19	1.10627	SLU_SISMA _UP	NonStatic	Max	0.000	245.687	0.000	0.0000
19	0.00000	SLU_SISMA _UP	NonStatic	Min	-758.541	0.000	0.000	0.0000
19	0.55314	SLU_SISMA _UP	NonStatic	Min	-789.981	0.000	0.000	0.0000
19	1.10627	SLU_SISMA _UP	NonStatic	Min	-822.319	0.000	0.000	0.0000
20	0.00000	SLE	NonStatic	Max	0.000	244.661	0.000	0.0000
20	0.55314	SLE	NonStatic	Max	0.000	310.466	0.000	0.0000
20	1.10627	SLE	NonStatic	Max	0.000	378.291	0.000	0.0000
20	0.00000	SLE	NonStatic	Min	-691.898	0.000	0.000	0.0000
20	0.55314	SLE	NonStatic	Min	-730.337	0.000	0.000	0.0000
20	1.10627	SLE	NonStatic	Min	-771.142	0.000	0.000	0.0000
20	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	263.130	0.000	0.0000
20	0.55314	SLE_SISMA _DOWN	NonStatic	Max	0.000	327.232	0.000	0.0000
20	1.10627	SLE_SISMA _DOWN	NonStatic	Max	0.000	393.468	0.000	0.0000
20	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-770.182	0.000	0.000	0.0000
20	0.55314	SLE_SISMA _DOWN	NonStatic	Min	-813.807	0.000	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
20	1.10627	SLE_SISMA _DOWN	NonStatic	Min	-859.929	0.000	0.000	0.0000
20	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	223.182	0.000	0.0000
20	0.55314	SLE_SISMA _UP	NonStatic	Max	0.000	283.599	0.000	0.0000
20	1.10627	SLE_SISMA _UP	NonStatic	Max	0.000	345.923	0.000	0.0000
20	0.00000	SLE_SISMA _UP	NonStatic	Min	-735.602	0.000	0.000	0.0000
20	0.55314	SLE_SISMA _UP	NonStatic	Min	-774.911	0.000	0.000	0.0000
20	1.10627	SLE_SISMA _UP	NonStatic	Min	-816.454	0.000	0.000	0.0000
20	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	215.863	0.000	0.0000
20	0.55314	SLU_SISMA _DOWN	NonStatic	Max	0.000	281.108	0.000	0.0000
20	1.10627	SLU_SISMA _DOWN	NonStatic	Max	0.000	348.639	0.000	0.0000
20	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-936.298	0.000	0.000	0.0000
20	0.55314	SLU_SISMA _DOWN	NonStatic	Min	-984.261	0.000	0.000	0.0000
20	1.10627	SLU_SISMA _DOWN	NonStatic	Min	-1034.900	0.000	0.000	0.0000
20	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	114.023	0.000	0.0000
20	0.55314	SLU_SISMA _UP	NonStatic	Max	0.000	170.334	0.000	0.0000
20	1.10627	SLU_SISMA _UP	NonStatic	Max	0.000	228.400	0.000	0.0000
20	0.00000	SLU_SISMA _UP	NonStatic	Min	-850.628	0.000	0.000	0.0000
20	0.55314	SLU_SISMA _UP	NonStatic	Min	-888.130	0.000	0.000	0.0000
20	1.10627	SLU_SISMA _UP	NonStatic	Min	-927.688	0.000	0.000	0.0000
21	0.00000	SLE	NonStatic	Max	0.000	252.994	0.000	0.0000
21	0.55314	SLE	NonStatic	Max	0.000	318.105	0.000	0.0000
21	1.10627	SLE	NonStatic	Max	0.000	384.193	0.000	0.0000
21	0.00000	SLE	NonStatic	Min	-820.825	0.000	0.000	0.0000
21	0.55314	SLE	NonStatic	Min	-866.417	0.000	0.000	0.0000
21	1.10627	SLE	NonStatic	Min	-913.600	0.000	0.000	0.0000
21	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	254.102	0.000	0.0000
21	0.55314	SLE_SISMA _DOWN	NonStatic	Max	0.000	316.324	0.000	0.0000
21	1.10627	SLE_SISMA _DOWN	NonStatic	Max	0.000	379.576	0.000	0.0000
21	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-910.894	0.000	0.000	0.0000
21	0.55314	SLE_SISMA _DOWN	NonStatic	Min	-961.775	0.000	0.000	0.0000
21	1.10627	SLE_SISMA _DOWN	NonStatic	Min	-1014.337	0.000	0.000	0.0000
21	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	213.943	0.000	0.0000
21	0.55314	SLE_SISMA _UP	NonStatic	Max	0.000	273.030	0.000	0.0000
21	1.10627	SLE_SISMA _UP	NonStatic	Max	0.000	333.038	0.000	0.0000
21	0.00000	SLE_SISMA _UP	NonStatic	Min	-860.516	0.000	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
21	0.55314	SLE_SISMA _UP	NonStatic	Min	-906.281	0.000	0.000	0.0000
21	1.10627	SLE_SISMA _UP	NonStatic	Min	-953.549	0.000	0.000	0.0000
21	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	182.453	0.000	0.0000
21	0.55314	SLU_SISMA _DOWN	NonStatic	Max	0.000	245.634	0.000	0.0000
21	1.10627	SLU_SISMA _DOWN	NonStatic	Max	0.000	309.917	0.000	0.0000
21	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1076.698	0.000	0.000	0.0000
21	0.55314	SLU_SISMA _DOWN	NonStatic	Min	-1131.961	0.000	0.000	0.0000
21	1.10627	SLU_SISMA _DOWN	NonStatic	Min	-1189.025	0.000	0.000	0.0000
21	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	80.466	0.000	0.0000
21	0.55314	SLU_SISMA _UP	NonStatic	Max	0.000	136.083	0.000	0.0000
21	1.10627	SLU_SISMA _UP	NonStatic	Max	0.000	192.548	0.000	0.0000
21	0.00000	SLU_SISMA _UP	NonStatic	Min	-951.996	0.000	0.000	0.0000
21	0.55314	SLU_SISMA _UP	NonStatic	Min	-994.917	0.000	0.000	0.0000
21	1.10627	SLU_SISMA _UP	NonStatic	Min	-1039.222	0.000	0.000	0.0000
22	0.00000	SLE	NonStatic	Max	0.000	236.539	0.000	0.0000
22	0.55314	SLE	NonStatic	Max	0.000	297.364	0.000	0.0000
22	1.10627	SLE	NonStatic	Max	0.000	356.707	0.000	0.0000
22	0.00000	SLE	NonStatic	Min	-962.453	0.000	0.000	0.0000
22	0.55314	SLE	NonStatic	Min	-1008.392	0.000	0.000	0.0000
22	1.10627	SLE	NonStatic	Min	-1050.754	0.000	0.000	0.0000
22	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	216.226	0.000	0.0000
22	0.55314	SLE_SISMA _DOWN	NonStatic	Max	0.000	272.885	0.000	0.0000
22	1.10627	SLE_SISMA _DOWN	NonStatic	Max	0.000	327.980	0.000	0.0000
22	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-1061.228	0.000	0.000	0.0000
22	0.55314	SLE_SISMA _DOWN	NonStatic	Min	-1111.912	0.000	0.000	0.0000
22	1.10627	SLE_SISMA _DOWN	NonStatic	Min	-1158.818	0.000	0.000	0.0000
22	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	179.770	0.000	0.0000
22	0.55314	SLE_SISMA _UP	NonStatic	Max	0.000	234.294	0.000	0.0000
22	1.10627	SLE_SISMA _UP	NonStatic	Max	0.000	287.420	0.000	0.0000
22	0.00000	SLE_SISMA _UP	NonStatic	Min	-993.908	0.000	0.000	0.0000
22	0.55314	SLE_SISMA _UP	NonStatic	Min	-1039.437	0.000	0.000	0.0000
22	1.10627	SLE_SISMA _UP	NonStatic	Min	-1081.590	0.000	0.000	0.0000
22	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	123.909	0.000	0.0000
22	0.55314	SLU_SISMA _DOWN	NonStatic	Max	0.000	181.378	0.000	0.0000
22	1.10627	SLU_SISMA _DOWN	NonStatic	Max	0.000	237.171	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
22	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1222.868	0.000	0.000	0.0000
22	0.55314	SLU_SISMA _DOWN	NonStatic	Min	-1277.455	0.000	0.000	0.0000
22	1.10627	SLU_SISMA _DOWN	NonStatic	Min	-1327.997	0.000	0.000	0.0000
22	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	39.269	0.000	0.0000
22	0.55314	SLU_SISMA _UP	NonStatic	Max	0.000	91.606	0.000	0.0000
22	1.10627	SLU_SISMA _UP	NonStatic	Max	0.000	142.655	0.000	0.0000
22	0.00000	SLU_SISMA _UP	NonStatic	Min	-1056.549	0.000	0.000	0.0000
22	0.55314	SLU_SISMA _UP	NonStatic	Min	-1098.746	0.000	0.000	0.0000
22	1.10627	SLU_SISMA _UP	NonStatic	Min	-1137.834	0.000	0.000	0.0000
23	0.00000	SLE	NonStatic	Max	0.000	187.939	0.000	0.0000
23	0.55314	SLE	NonStatic	Max	0.000	243.079	0.000	0.0000
23	1.10627	SLE	NonStatic	Max	0.000	297.686	0.000	0.0000
23	0.00000	SLE	NonStatic	Min	-1093.618	0.000	0.000	0.0000
23	0.55314	SLE	NonStatic	Min	-1128.566	0.000	0.000	0.0000
23	1.10627	SLE	NonStatic	Min	-1161.295	0.000	0.000	0.0000
23	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	142.663	0.000	0.0000
23	0.55314	SLE_SISMA _DOWN	NonStatic	Max	0.000	192.476	0.000	0.0000
23	1.10627	SLE_SISMA _DOWN	NonStatic	Max	0.000	241.727	0.000	0.0000
23	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-1195.859	0.000	0.000	0.0000
23	0.55314	SLE_SISMA _DOWN	NonStatic	Min	-1234.158	0.000	0.000	0.0000
23	1.10627	SLE_SISMA _DOWN	NonStatic	Min	-1270.115	0.000	0.000	0.0000
23	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	114.745	0.000	0.0000
23	0.55314	SLE_SISMA _UP	NonStatic	Max	0.000	163.617	0.000	0.0000
23	1.10627	SLE_SISMA _UP	NonStatic	Max	0.000	211.987	0.000	0.0000
23	0.00000	SLE_SISMA _UP	NonStatic	Min	-1113.236	0.000	0.000	0.0000
23	0.55314	SLE_SISMA _UP	NonStatic	Min	-1147.615	0.000	0.000	0.0000
23	1.10627	SLE_SISMA _UP	NonStatic	Min	-1179.900	0.000	0.000	0.0000
23	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	55.800	0.000	0.0000
23	0.55314	SLU_SISMA _DOWN	NonStatic	Max	0.000	106.442	0.000	0.0000
23	1.10627	SLU_SISMA _DOWN	NonStatic	Max	0.000	156.481	0.000	0.0000
23	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1348.931	0.000	0.000	0.0000
23	0.55314	SLU_SISMA _DOWN	NonStatic	Min	-1389.935	0.000	0.000	0.0000
23	1.10627	SLU_SISMA _DOWN	NonStatic	Min	-1428.430	0.000	0.000	0.0000
23	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	2.911	0.000	0.0000
23	0.55314	SLU_SISMA _UP	NonStatic	Max	0.000	51.294	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
23	1.10627	SLU_SISMA _UP	NonStatic	Max	0.000	99.213	0.000	0.0000
23	0.00000	SLU_SISMA _UP	NonStatic	Min	-1147.496	0.000	0.000	0.0000
23	0.55314	SLU_SISMA _UP	NonStatic	Min	-1179.090	0.000	0.000	0.0000
23	1.10627	SLU_SISMA _UP	NonStatic	Min	-1208.755	0.000	0.000	0.0000
24	0.00000	SLE	NonStatic	Max	0.000	112.354	0.000	0.0000
24	0.55314	SLE	NonStatic	Max	0.000	166.050	0.000	0.0000
24	1.10627	SLE	NonStatic	Max	0.000	219.697	0.000	0.0000
24	0.00000	SLE	NonStatic	Min	-1193.566	0.000	0.000	0.0000
24	0.55314	SLE	NonStatic	Min	-1216.499	0.000	0.000	0.0000
24	1.10627	SLE	NonStatic	Min	-1238.811	0.000	0.000	0.0000
24	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	59.723	0.000	0.0000
24	0.55314	SLE_SISMA _DOWN	NonStatic	Max	0.000	107.427	0.000	0.0000
24	1.10627	SLE_SISMA _DOWN	NonStatic	Max	0.000	155.080	0.000	0.0000
24	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-1292.292	0.000	0.000	0.0000
24	0.55314	SLE_SISMA _DOWN	NonStatic	Min	-1316.990	0.000	0.000	0.0000
24	1.10627	SLE_SISMA _DOWN	NonStatic	Min	-1341.033	0.000	0.000	0.0000
24	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	44.891	0.000	0.0000
24	0.55314	SLE_SISMA _UP	NonStatic	Max	0.000	92.393	0.000	0.0000
24	1.10627	SLE_SISMA _UP	NonStatic	Max	0.000	139.849	0.000	0.0000
24	0.00000	SLE_SISMA _UP	NonStatic	Min	-1198.535	0.000	0.000	0.0000
24	0.55314	SLE_SISMA _UP	NonStatic	Min	-1220.662	0.000	0.000	0.0000
24	1.10627	SLE_SISMA _UP	NonStatic	Min	-1242.204	0.000	0.000	0.0000
24	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	7.399	0.000	0.0000
24	0.55314	SLU_SISMA _DOWN	NonStatic	Max	0.000	56.437	0.000	0.0000
24	1.10627	SLU_SISMA _DOWN	NonStatic	Max	0.000	105.420	0.000	0.0000
24	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1439.257	0.000	0.000	0.0000
24	0.55314	SLU_SISMA _DOWN	NonStatic	Min	-1465.628	0.000	0.000	0.0000
24	1.10627	SLU_SISMA _DOWN	NonStatic	Min	-1491.298	0.000	0.000	0.0000
24	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
24	0.55314	SLU_SISMA _UP	NonStatic	Max	0.000	35.600	0.000	0.0000
24	1.10627	SLU_SISMA _UP	NonStatic	Max	0.000	84.115	0.000	0.0000
24	0.00000	SLU_SISMA _UP	NonStatic	Min	-1213.809	-12.957	0.000	0.0000
24	0.55314	SLU_SISMA _UP	NonStatic	Min	-1234.074	0.000	0.000	0.0000
24	1.10627	SLU_SISMA _UP	NonStatic	Min	-1253.801	0.000	0.000	0.0000
25	0.00000	SLE	NonStatic	Max	0.000	127.826	0.000	0.0000
25	0.42395	SLE	NonStatic	Max	0.000	171.142	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
25	0.84789	SLE	NonStatic	Max	0.000	214.457	0.000	0.0000
25	0.00000	SLE	NonStatic	Min	-1252.230	0.000	0.000	0.0000
25	0.42395	SLE	NonStatic	Min	-1265.107	0.000	0.000	0.0000
25	0.84789	SLE	NonStatic	Min	-1278.303	0.000	0.000	0.0000
25	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	90.151	0.000	0.0000
25	0.42395	SLE_SISMA _DOWN	NonStatic	Max	0.000	128.767	0.000	0.0000
25	0.84789	SLE_SISMA _DOWN	NonStatic	Max	0.000	167.383	0.000	0.0000
25	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-1350.502	0.000	0.000	0.0000
25	0.42395	SLE_SISMA _DOWN	NonStatic	Min	-1364.100	0.000	0.000	0.0000
25	0.84789	SLE_SISMA _DOWN	NonStatic	Min	-1378.035	0.000	0.000	0.0000
25	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	82.753	0.000	0.0000
25	0.42395	SLE_SISMA _UP	NonStatic	Max	0.000	121.369	0.000	0.0000
25	0.84789	SLE_SISMA _UP	NonStatic	Max	0.000	159.985	0.000	0.0000
25	0.00000	SLE_SISMA _UP	NonStatic	Min	-1250.814	0.000	0.000	0.0000
25	0.42395	SLE_SISMA _UP	NonStatic	Min	-1262.970	0.000	0.000	0.0000
25	0.84789	SLE_SISMA _UP	NonStatic	Min	-1275.426	0.000	0.000	0.0000
25	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	82.058	0.000	0.0000
25	0.42395	SLU_SISMA _DOWN	NonStatic	Max	0.000	122.300	0.000	0.0000
25	0.84789	SLU_SISMA _DOWN	NonStatic	Max	0.000	162.543	0.000	0.0000
25	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1498.719	0.000	0.000	0.0000
25	0.42395	SLU_SISMA _DOWN	NonStatic	Min	-1513.283	0.000	0.000	0.0000
25	0.84789	SLU_SISMA _DOWN	NonStatic	Min	-1528.207	0.000	0.000	0.0000
25	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	75.725	0.000	0.0000
25	0.42395	SLU_SISMA _UP	NonStatic	Max	0.000	115.967	0.000	0.0000
25	0.84789	SLU_SISMA _UP	NonStatic	Max	0.000	156.210	0.000	0.0000
25	0.00000	SLU_SISMA _UP	NonStatic	Min	-1260.189	0.000	0.000	0.0000
25	0.42395	SLU_SISMA _UP	NonStatic	Min	-1271.379	0.000	0.000	0.0000
25	0.84789	SLU_SISMA _UP	NonStatic	Min	-1282.846	0.000	0.000	0.0000
26	0.00000	SLE	NonStatic	Max	0.000	225.997	0.000	0.0000
26	0.42395	SLE	NonStatic	Max	0.000	272.385	0.000	0.0000
26	0.84789	SLE	NonStatic	Max	0.000	318.774	0.000	0.0000
26	0.00000	SLE	NonStatic	Min	-1278.303	0.000	0.000	0.0000
26	0.42395	SLE	NonStatic	Min	-1292.081	0.000	0.000	0.0000
26	0.84789	SLE	NonStatic	Min	-1306.707	0.000	0.000	0.0000
26	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	209.781	0.000	0.0000
26	0.42395	SLE_SISMA _DOWN	NonStatic	Max	0.000	251.471	0.000	0.0000
26	0.84789	SLE_SISMA _DOWN	NonStatic	Max	0.000	293.160	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
26	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-1378.035	0.000	0.000	0.0000
26	0.42395	SLE_SISMA _DOWN	NonStatic	Min	-1392.584	0.000	0.000	0.0000
26	0.84789	SLE_SISMA _DOWN	NonStatic	Min	-1408.030	0.000	0.000	0.0000
26	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	201.747	0.000	0.0000
26	0.42395	SLE_SISMA _UP	NonStatic	Max	0.000	243.437	0.000	0.0000
26	0.84789	SLE_SISMA _UP	NonStatic	Max	0.000	285.126	0.000	0.0000
26	0.00000	SLE_SISMA _UP	NonStatic	Min	-1275.426	0.000	0.000	0.0000
26	0.42395	SLE_SISMA _UP	NonStatic	Min	-1288.433	0.000	0.000	0.0000
26	0.84789	SLE_SISMA _UP	NonStatic	Min	-1302.240	0.000	0.000	0.0000
26	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	249.963	0.000	0.0000
26	0.42395	SLU_SISMA _DOWN	NonStatic	Max	0.000	293.890	0.000	0.0000
26	0.84789	SLU_SISMA _DOWN	NonStatic	Max	0.000	337.818	0.000	0.0000
26	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1528.207	0.000	0.000	0.0000
26	0.42395	SLU_SISMA _DOWN	NonStatic	Min	-1543.790	0.000	0.000	0.0000
26	0.84789	SLU_SISMA _DOWN	NonStatic	Min	-1560.333	0.000	0.000	0.0000
26	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	238.876	0.000	0.0000
26	0.42395	SLU_SISMA _UP	NonStatic	Max	0.000	282.803	0.000	0.0000
26	0.84789	SLU_SISMA _UP	NonStatic	Max	0.000	326.731	0.000	0.0000
26	0.00000	SLU_SISMA _UP	NonStatic	Min	-1282.846	0.000	0.000	0.0000
26	0.42395	SLU_SISMA _UP	NonStatic	Min	-1294.820	0.000	0.000	0.0000
26	0.84789	SLU_SISMA _UP	NonStatic	Min	-1307.530	0.000	0.000	0.0000
27	0.00000	SLE	NonStatic	Max	0.000	329.013	0.000	0.0000
27	0.42395	SLE	NonStatic	Max	0.000	378.438	0.000	0.0000
27	0.84789	SLE	NonStatic	Max	0.000	427.864	0.000	0.0000
27	0.00000	SLE	NonStatic	Min	-1306.707	0.000	0.000	0.0000
27	0.42395	SLE	NonStatic	Min	-1322.552	0.000	0.000	0.0000
27	0.84789	SLE	NonStatic	Min	-1339.987	0.000	0.000	0.0000
27	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	332.037	0.000	0.0000
27	0.42395	SLE_SISMA _DOWN	NonStatic	Max	0.000	376.764	0.000	0.0000
27	0.84789	SLE_SISMA _DOWN	NonStatic	Max	0.000	421.491	0.000	0.0000
27	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-1408.030	0.000	0.000	0.0000
27	0.42395	SLE_SISMA _DOWN	NonStatic	Min	-1424.762	0.000	0.000	0.0000
27	0.84789	SLE_SISMA _DOWN	NonStatic	Min	-1443.173	0.000	0.000	0.0000
27	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	323.580	0.000	0.0000
27	0.42395	SLE_SISMA _UP	NonStatic	Max	0.000	368.307	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
27	0.84789	SLE_SISMA _UP	NonStatic	Max	0.000	413.033	0.000	0.0000
27	0.00000	SLE_SISMA _UP	NonStatic	Min	-1302.240	0.000	0.000	0.0000
27	0.42395	SLE_SISMA _UP	NonStatic	Min	-1317.198	0.000	0.000	0.0000
27	0.84789	SLE_SISMA _UP	NonStatic	Min	-1333.656	0.000	0.000	0.0000
27	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	419.181	0.000	0.0000
27	0.42395	SLU_SISMA _DOWN	NonStatic	Max	0.000	466.750	0.000	0.0000
27	0.84789	SLU_SISMA _DOWN	NonStatic	Max	0.000	514.319	0.000	0.0000
27	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1560.333	0.000	0.000	0.0000
27	0.42395	SLU_SISMA _DOWN	NonStatic	Min	-1578.253	0.000	0.000	0.0000
27	0.84789	SLU_SISMA _DOWN	NonStatic	Min	-1597.972	0.000	0.000	0.0000
27	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	403.921	0.000	0.0000
27	0.42395	SLU_SISMA _UP	NonStatic	Max	0.000	451.490	0.000	0.0000
27	0.84789	SLU_SISMA _UP	NonStatic	Max	0.000	499.059	0.000	0.0000
27	0.00000	SLU_SISMA _UP	NonStatic	Min	-1307.530	0.000	0.000	0.0000
27	0.42395	SLU_SISMA _UP	NonStatic	Min	-1321.299	0.000	0.000	0.0000
27	0.84789	SLU_SISMA _UP	NonStatic	Min	-1336.450	0.000	0.000	0.0000
28	0.00000	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
28	0.51088	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
28	1.02176	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
28	0.00000	SLE	NonStatic	Min	-288.762	-1460.249	0.000	0.0000
28	0.51088	SLE	NonStatic	Min	-312.518	-1396.593	0.000	0.0000
28	1.02176	SLE	NonStatic	Min	-339.850	-1332.936	0.000	0.0000
28	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
28	0.51088	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
28	1.02176	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
28	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-384.718	-1452.790	0.000	0.0000
28	0.51088	SLE_SISMA _DOWN	NonStatic	Min	-409.804	-1394.797	0.000	0.0000
28	1.02176	SLE_SISMA _DOWN	NonStatic	Min	-438.667	-1336.803	0.000	0.0000
28	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
28	0.51088	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
28	1.02176	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
28	0.00000	SLE_SISMA _UP	NonStatic	Min	-361.173	-1304.856	0.000	0.0000
28	0.51088	SLE_SISMA _UP	NonStatic	Min	-383.599	-1246.863	0.000	0.0000
28	1.02176	SLE_SISMA _UP	NonStatic	Min	-409.400	-1188.869	0.000	0.0000
28	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
28	0.51088	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
28	1.02176	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
28	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-506.712	-1377.058	0.000	0.0000
28	0.51088	SLU_SISMA _DOWN	NonStatic	Min	-533.580	-1314.824	0.000	0.0000
28	1.02176	SLU_SISMA _DOWN	NonStatic	Min	-564.493	-1252.590	0.000	0.0000
28	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
28	0.51088	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
28	1.02176	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
28	0.00000	SLU_SISMA _UP	NonStatic	Min	-443.846	-1034.219	0.000	0.0000
28	0.51088	SLU_SISMA _UP	NonStatic	Min	-464.490	-971.984	0.000	0.0000
28	1.02176	SLU_SISMA _UP	NonStatic	Min	-488.242	-909.750	0.000	0.0000
29	0.00000	SLE	NonStatic	Max	1329.876	224.922	0.000	0.0000
29	0.44994	SLE	NonStatic	Max	1329.876	236.171	0.000	0.0000
29	0.89989	SLE	NonStatic	Max	1329.876	247.419	0.000	0.0000
29	0.00000	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
29	0.44994	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
29	0.89989	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
29	0.00000	SLE_SISMA _DOWN	NonStatic	Max	1319.449	310.010	0.000	0.0000
29	0.44994	SLE_SISMA _DOWN	NonStatic	Max	1319.449	321.888	0.000	0.0000
29	0.89989	SLE_SISMA _DOWN	NonStatic	Max	1319.449	333.767	0.000	0.0000
29	0.00000	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
29	0.44994	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
29	0.89989	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
29	0.00000	SLE_SISMA _UP	NonStatic	Max	1171.336	291.107	0.000	0.0000
29	0.44994	SLE_SISMA _UP	NonStatic	Max	1171.336	301.726	0.000	0.0000
29	0.89989	SLE_SISMA _UP	NonStatic	Max	1171.336	312.344	0.000	0.0000
29	0.00000	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
29	0.44994	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
29	0.89989	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
29	0.00000	SLU_SISMA _DOWN	NonStatic	Max	1212.929	418.082	0.000	0.0000
29	0.44994	SLU_SISMA _DOWN	NonStatic	Max	1212.929	430.804	0.000	0.0000
29	0.89989	SLU_SISMA _DOWN	NonStatic	Max	1212.929	443.527	0.000	0.0000
29	0.00000	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
29	0.44994	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
29	0.89989	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
29	0.00000	SLU_SISMA _UP	NonStatic	Max	871.481	366.537	0.000	0.0000
29	0.44994	SLU_SISMA _UP	NonStatic	Max	871.481	376.312	0.000	0.0000
29	0.89989	SLU_SISMA _UP	NonStatic	Max	871.481	386.087	0.000	0.0000
29	0.00000	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
29	0.44994	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
29	0.89989	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
30	0.00000	SLE	NonStatic	Max	1329.876	21.432	0.000	0.0000
30	0.44994	SLE	NonStatic	Max	1329.876	32.680	0.000	0.0000
30	0.89989	SLE	NonStatic	Max	1329.876	43.929	0.000	0.0000
30	0.00000	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
30	0.44994	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
30	0.89989	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
30	0.00000	SLE_SISMA _DOWN	NonStatic	Max	1319.449	83.191	0.000	0.0000
30	0.44994	SLE_SISMA _DOWN	NonStatic	Max	1319.449	95.069	0.000	0.0000
30	0.89989	SLE_SISMA _DOWN	NonStatic	Max	1319.449	106.948	0.000	0.0000
30	0.00000	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
30	0.44994	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
30	0.89989	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
30	0.00000	SLE_SISMA _UP	NonStatic	Max	1171.336	82.000	0.000	0.0000
30	0.44994	SLE_SISMA _UP	NonStatic	Max	1171.336	92.618	0.000	0.0000
30	0.89989	SLE_SISMA _UP	NonStatic	Max	1171.336	103.237	0.000	0.0000
30	0.00000	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
30	0.44994	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
30	0.89989	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
30	0.00000	SLU_SISMA _DOWN	NonStatic	Max	1212.929	160.634	0.000	0.0000
30	0.44994	SLU_SISMA _DOWN	NonStatic	Max	1212.929	173.356	0.000	0.0000
30	0.89989	SLU_SISMA _DOWN	NonStatic	Max	1212.929	186.078	0.000	0.0000
30	0.00000	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
30	0.44994	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
30	0.89989	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
30	0.00000	SLU_SISMA _UP	NonStatic	Max	871.481	151.339	0.000	0.0000
30	0.44994	SLU_SISMA _UP	NonStatic	Max	871.481	161.114	0.000	0.0000
30	0.89989	SLU_SISMA _UP	NonStatic	Max	871.481	170.889	0.000	0.0000
30	0.00000	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
30	0.44994	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
30	0.89989	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
31	0.00000	SLE	NonStatic	Max	0.000	632.524	0.000	0.0000
31	0.45143	SLE	NonStatic	Max	0.000	642.931	0.000	0.0000
31	0.90286	SLE	NonStatic	Max	0.000	653.337	0.000	0.0000
31	0.00000	SLE	NonStatic	Min	-924.167	0.000	0.000	0.0000
31	0.45143	SLE	NonStatic	Min	-928.534	0.000	0.000	0.0000
31	0.90286	SLE	NonStatic	Min	-932.901	0.000	0.000	0.0000
31	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	664.383	0.000	0.0000
31	0.45143	SLE_SISMA _DOWN	NonStatic	Max	0.000	675.372	0.000	0.0000
31	0.90286	SLE_SISMA _DOWN	NonStatic	Max	0.000	686.361	0.000	0.0000
31	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-971.968	0.000	0.000	0.0000
31	0.45143	SLE_SISMA _DOWN	NonStatic	Min	-976.580	0.000	0.000	0.0000
31	0.90286	SLE_SISMA _DOWN	NonStatic	Min	-981.191	0.000	0.000	0.0000
31	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	597.677	0.000	0.0000
31	0.45143	SLE_SISMA _UP	NonStatic	Max	0.000	607.501	0.000	0.0000
31	0.90286	SLE_SISMA _UP	NonStatic	Max	0.000	617.325	0.000	0.0000
31	0.00000	SLE_SISMA _UP	NonStatic	Min	-931.054	0.000	0.000	0.0000
31	0.45143	SLE_SISMA _UP	NonStatic	Min	-935.176	0.000	0.000	0.0000
31	0.90286	SLE_SISMA _UP	NonStatic	Min	-939.299	0.000	0.000	0.0000
31	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	670.662	0.000	0.0000
31	0.45143	SLU_SISMA _DOWN	NonStatic	Max	0.000	682.431	0.000	0.0000
31	0.90286	SLU_SISMA _DOWN	NonStatic	Max	0.000	694.201	0.000	0.0000
31	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1165.782	0.000	0.000	0.0000
31	0.45143	SLU_SISMA _DOWN	NonStatic	Min	-1170.722	0.000	0.000	0.0000
31	0.90286	SLU_SISMA _DOWN	NonStatic	Min	-1175.661	0.000	0.000	0.0000
31	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	512.520	0.000	0.0000
31	0.45143	SLU_SISMA _UP	NonStatic	Max	0.000	521.563	0.000	0.0000
31	0.90286	SLU_SISMA _UP	NonStatic	Max	0.000	530.606	0.000	0.0000
31	0.00000	SLU_SISMA _UP	NonStatic	Min	-1067.997	0.000	0.000	0.0000
31	0.45143	SLU_SISMA _UP	NonStatic	Min	-1071.792	0.000	0.000	0.0000
31	0.90286	SLU_SISMA _UP	NonStatic	Min	-1075.587	0.000	0.000	0.0000
32	0.00000	SLE	NonStatic	Max	0.000	515.412	0.000	0.0000
32	0.45143	SLE	NonStatic	Max	0.000	526.107	0.000	0.0000
32	0.90286	SLE	NonStatic	Max	0.000	536.801	0.000	0.0000
32	0.00000	SLE	NonStatic	Min	-890.570	0.000	0.000	0.0000
32	0.45143	SLE	NonStatic	Min	-894.174	0.000	0.000	0.0000
32	0.90286	SLE	NonStatic	Min	-897.779	0.000	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
32	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	524.033	0.000	0.0000
32	0.45143	SLE_SISMA _DOWN	NonStatic	Max	0.000	535.326	0.000	0.0000
32	0.90286	SLE_SISMA _DOWN	NonStatic	Max	0.000	546.620	0.000	0.0000
32	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-937.380	0.000	0.000	0.0000
32	0.45143	SLE_SISMA _DOWN	NonStatic	Min	-941.186	0.000	0.000	0.0000
32	0.90286	SLE_SISMA _DOWN	NonStatic	Min	-944.993	0.000	0.000	0.0000
32	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	469.744	0.000	0.0000
32	0.45143	SLE_SISMA _UP	NonStatic	Max	0.000	479.840	0.000	0.0000
32	0.90286	SLE_SISMA _UP	NonStatic	Max	0.000	489.936	0.000	0.0000
32	0.00000	SLE_SISMA _UP	NonStatic	Min	-899.954	0.000	0.000	0.0000
32	0.45143	SLE_SISMA _UP	NonStatic	Min	-903.356	0.000	0.000	0.0000
32	0.90286	SLE_SISMA _UP	NonStatic	Min	-906.759	0.000	0.000	0.0000
32	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	505.695	0.000	0.0000
32	0.45143	SLU_SISMA _DOWN	NonStatic	Max	0.000	517.790	0.000	0.0000
32	0.90286	SLU_SISMA _DOWN	NonStatic	Max	0.000	529.886	0.000	0.0000
32	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1132.269	0.000	0.000	0.0000
32	0.45143	SLU_SISMA _DOWN	NonStatic	Min	-1136.346	0.000	0.000	0.0000
32	0.90286	SLU_SISMA _DOWN	NonStatic	Min	-1140.423	0.000	0.000	0.0000
32	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	378.325	0.000	0.0000
32	0.45143	SLU_SISMA _UP	NonStatic	Max	0.000	387.618	0.000	0.0000
32	0.90286	SLU_SISMA _UP	NonStatic	Max	0.000	396.912	0.000	0.0000
32	0.00000	SLU_SISMA _UP	NonStatic	Min	-1042.729	0.000	0.000	0.0000
32	0.45143	SLU_SISMA _UP	NonStatic	Min	-1045.861	0.000	0.000	0.0000
32	0.90286	SLU_SISMA _UP	NonStatic	Min	-1048.994	0.000	0.000	0.0000
33	0.00000	SLE	NonStatic	Max	0.000	397.682	0.000	0.0000
33	0.45143	SLE	NonStatic	Max	0.000	408.609	0.000	0.0000
33	0.90286	SLE	NonStatic	Max	0.000	419.536	0.000	0.0000
33	0.00000	SLE	NonStatic	Min	-863.933	0.000	0.000	0.0000
33	0.45143	SLE	NonStatic	Min	-866.756	0.000	0.000	0.0000
33	0.90286	SLE	NonStatic	Min	-869.579	0.000	0.000	0.0000
33	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	386.981	0.000	0.0000
33	0.45143	SLE_SISMA _DOWN	NonStatic	Max	0.000	398.520	0.000	0.0000
33	0.90286	SLE_SISMA _DOWN	NonStatic	Max	0.000	410.058	0.000	0.0000
33	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-911.205	0.000	0.000	0.0000
33	0.45143	SLE_SISMA _DOWN	NonStatic	Min	-914.187	0.000	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
33	0.90286	SLE_SISMA _DOWN	NonStatic	Min	-917.168	0.000	0.000	0.0000
33	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	345.085	0.000	0.0000
33	0.45143	SLE_SISMA _UP	NonStatic	Max	0.000	355.400	0.000	0.0000
33	0.90286	SLE_SISMA _UP	NonStatic	Max	0.000	365.715	0.000	0.0000
33	0.00000	SLE_SISMA _UP	NonStatic	Min	-876.542	0.000	0.000	0.0000
33	0.45143	SLE_SISMA _UP	NonStatic	Min	-879.207	0.000	0.000	0.0000
33	0.90286	SLE_SISMA _UP	NonStatic	Min	-881.873	0.000	0.000	0.0000
33	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	349.222	0.000	0.0000
33	0.45143	SLU_SISMA _DOWN	NonStatic	Max	0.000	361.581	0.000	0.0000
33	0.90286	SLU_SISMA _DOWN	NonStatic	Max	0.000	373.939	0.000	0.0000
33	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1108.649	0.000	0.000	0.0000
33	0.45143	SLU_SISMA _DOWN	NonStatic	Min	-1111.842	0.000	0.000	0.0000
33	0.90286	SLU_SISMA _DOWN	NonStatic	Min	-1115.036	0.000	0.000	0.0000
33	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	252.282	0.000	0.0000
33	0.45143	SLU_SISMA _UP	NonStatic	Max	0.000	261.778	0.000	0.0000
33	0.90286	SLU_SISMA _UP	NonStatic	Max	0.000	271.273	0.000	0.0000
33	0.00000	SLU_SISMA _UP	NonStatic	Min	-1025.543	0.000	0.000	0.0000
33	0.45143	SLU_SISMA _UP	NonStatic	Min	-1027.996	0.000	0.000	0.0000
33	0.90286	SLU_SISMA _UP	NonStatic	Min	-1030.450	0.000	0.000	0.0000
34	0.00000	SLE	NonStatic	Max	0.000	280.184	0.000	0.0000
34	0.45143	SLE	NonStatic	Max	0.000	291.286	0.000	0.0000
34	0.90286	SLE	NonStatic	Max	0.000	302.389	0.000	0.0000
34	0.00000	SLE	NonStatic	Min	-844.236	0.000	0.000	0.0000
34	0.45143	SLE	NonStatic	Min	-846.263	0.000	0.000	0.0000
34	0.90286	SLE	NonStatic	Min	-848.291	0.000	0.000	0.0000
34	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	254.088	0.000	0.0000
34	0.45143	SLE_SISMA _DOWN	NonStatic	Max	0.000	265.812	0.000	0.0000
34	0.90286	SLE_SISMA _DOWN	NonStatic	Max	0.000	277.536	0.000	0.0000
34	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-893.140	0.000	0.000	0.0000
34	0.45143	SLE_SISMA _DOWN	NonStatic	Min	-895.280	0.000	0.000	0.0000
34	0.90286	SLE_SISMA _DOWN	NonStatic	Min	-897.421	0.000	0.000	0.0000
34	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	224.502	0.000	0.0000
34	0.45143	SLE_SISMA _UP	NonStatic	Max	0.000	234.983	0.000	0.0000
34	0.90286	SLE_SISMA _UP	NonStatic	Max	0.000	245.463	0.000	0.0000
34	0.00000	SLE_SISMA _UP	NonStatic	Min	-860.522	0.000	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
34	0.45143	SLE_SISMA _UP	NonStatic	Min	-862.436	0.000	0.000	0.0000
34	0.90286	SLE_SISMA _UP	NonStatic	Min	-864.349	0.000	0.000	0.0000
34	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	202.185	0.000	0.0000
34	0.45143	SLU_SISMA _DOWN	NonStatic	Max	0.000	214.742	0.000	0.0000
34	0.90286	SLU_SISMA _DOWN	NonStatic	Max	0.000	227.298	0.000	0.0000
34	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1094.235	0.000	0.000	0.0000
34	0.45143	SLU_SISMA _DOWN	NonStatic	Min	-1096.528	0.000	0.000	0.0000
34	0.90286	SLU_SISMA _DOWN	NonStatic	Min	-1098.821	0.000	0.000	0.0000
34	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	135.200	0.000	0.0000
34	0.45143	SLU_SISMA _UP	NonStatic	Max	0.000	144.847	0.000	0.0000
34	0.90286	SLU_SISMA _UP	NonStatic	Max	0.000	154.495	0.000	0.0000
34	0.00000	SLU_SISMA _UP	NonStatic	Min	-1015.791	0.000	0.000	0.0000
34	0.45143	SLU_SISMA _UP	NonStatic	Min	-1017.552	0.000	0.000	0.0000
34	0.90286	SLU_SISMA _UP	NonStatic	Min	-1019.314	0.000	0.000	0.0000
35	0.00000	SLE	NonStatic	Max	0.000	163.246	0.000	0.0000
35	0.45143	SLE	NonStatic	Max	0.000	174.465	0.000	0.0000
35	0.90286	SLE	NonStatic	Max	0.000	185.685	0.000	0.0000
35	0.00000	SLE	NonStatic	Min	-831.426	0.000	0.000	0.0000
35	0.45143	SLE	NonStatic	Min	-832.646	0.000	0.000	0.0000
35	0.90286	SLE	NonStatic	Min	-833.867	0.000	0.000	0.0000
35	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	125.668	0.000	0.0000
35	0.45143	SLE_SISMA _DOWN	NonStatic	Max	0.000	137.515	0.000	0.0000
35	0.90286	SLE_SISMA _DOWN	NonStatic	Max	0.000	149.363	0.000	0.0000
35	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-882.843	0.000	0.000	0.0000
35	0.45143	SLE_SISMA _DOWN	NonStatic	Min	-884.132	0.000	0.000	0.0000
35	0.90286	SLE_SISMA _DOWN	NonStatic	Min	-885.421	0.000	0.000	0.0000
35	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	108.305	0.000	0.0000
35	0.45143	SLE_SISMA _UP	NonStatic	Max	0.000	118.896	0.000	0.0000
35	0.90286	SLE_SISMA _UP	NonStatic	Max	0.000	129.487	0.000	0.0000
35	0.00000	SLE_SISMA _UP	NonStatic	Min	-851.563	0.000	0.000	0.0000
35	0.45143	SLE_SISMA _UP	NonStatic	Min	-852.715	0.000	0.000	0.0000
35	0.90286	SLE_SISMA _UP	NonStatic	Min	-853.867	0.000	0.000	0.0000
35	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	64.967	0.000	0.0000
35	0.45143	SLU_SISMA _DOWN	NonStatic	Max	0.000	77.656	0.000	0.0000
35	0.90286	SLU_SISMA _DOWN	NonStatic	Max	0.000	90.345	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
35	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1088.302	0.000	0.000	0.0000
35	0.45143	SLU_SISMA _DOWN	NonStatic	Min	-1089.683	0.000	0.000	0.0000
35	0.90286	SLU_SISMA _DOWN	NonStatic	Min	-1091.063	0.000	0.000	0.0000
35	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	27.458	0.000	0.0000
35	0.45143	SLU_SISMA _UP	NonStatic	Max	0.000	37.207	0.000	0.0000
35	0.90286	SLU_SISMA _UP	NonStatic	Max	0.000	46.957	0.000	0.0000
35	0.00000	SLU_SISMA _UP	NonStatic	Min	-1012.788	0.000	0.000	0.0000
35	0.45143	SLU_SISMA _UP	NonStatic	Min	-1013.849	0.000	0.000	0.0000
35	0.90286	SLU_SISMA _UP	NonStatic	Min	-1014.910	0.000	0.000	0.0000
36	0.00000	SLE	NonStatic	Max	0.000	46.818	0.000	0.0000
36	0.45143	SLE	NonStatic	Max	0.000	58.096	0.000	0.0000
36	0.90286	SLE	NonStatic	Max	0.000	69.375	0.000	0.0000
36	0.00000	SLE	NonStatic	Min	-825.446	0.000	0.000	0.0000
36	0.45143	SLE	NonStatic	Min	-825.854	0.000	0.000	0.0000
36	0.90286	SLE	NonStatic	Min	-826.261	0.000	0.000	0.0000
36	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	1.648	0.000	0.0000
36	0.45143	SLE_SISMA _DOWN	NonStatic	Max	0.000	13.557	0.000	0.0000
36	0.90286	SLE_SISMA _DOWN	NonStatic	Max	0.000	25.467	0.000	0.0000
36	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-879.977	0.000	0.000	0.0000
36	0.45143	SLE_SISMA _DOWN	NonStatic	Min	-880.408	0.000	0.000	0.0000
36	0.90286	SLE_SISMA _DOWN	NonStatic	Min	-880.838	0.000	0.000	0.0000
36	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
36	0.45143	SLE_SISMA _UP	NonStatic	Max	0.000	7.104	0.000	0.0000
36	0.90286	SLE_SISMA _UP	NonStatic	Max	0.000	17.751	0.000	0.0000
36	0.00000	SLE_SISMA _UP	NonStatic	Min	-849.332	-3.543	0.000	0.0000
36	0.45143	SLE_SISMA _UP	NonStatic	Min	-849.717	0.000	0.000	0.0000
36	0.90286	SLE_SISMA _UP	NonStatic	Min	-850.102	0.000	0.000	0.0000
36	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
36	0.45143	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
36	0.90286	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
36	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1090.120	-62.422	0.000	0.0000
36	0.45143	SLU_SISMA _DOWN	NonStatic	Min	-1090.581	-49.666	0.000	0.0000
36	0.90286	SLU_SISMA _DOWN	NonStatic	Min	-1091.042	-36.910	0.000	0.0000
36	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
36	0.45143	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
36	0.90286	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
36	0.00000	SLU_SISMA _UP	NonStatic	Min	-1015.841	-70.842	0.000	0.0000
36	0.45143	SLU_SISMA _UP	NonStatic	Min	-1016.195	-61.041	0.000	0.0000
36	0.90286	SLU_SISMA _UP	NonStatic	Min	-1016.549	-51.240	0.000	0.0000
37	0.00000	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
37	0.45143	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
37	0.90286	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
37	0.00000	SLE	NonStatic	Min	-826.261	-69.375	0.000	0.0000
37	0.45143	SLE	NonStatic	Min	-825.854	-58.096	0.000	0.0000
37	0.90286	SLE	NonStatic	Min	-825.446	-46.818	0.000	0.0000
37	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
37	0.45143	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
37	0.90286	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
37	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-884.225	-118.263	0.000	0.0000
37	0.45143	SLE_SISMA _DOWN	NonStatic	Min	-883.794	-106.353	0.000	0.0000
37	0.90286	SLE_SISMA _DOWN	NonStatic	Min	-883.364	-94.443	0.000	0.0000
37	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
37	0.45143	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
37	0.90286	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
37	0.00000	SLE_SISMA _UP	NonStatic	Min	-853.516	-111.270	0.000	0.0000
37	0.45143	SLE_SISMA _UP	NonStatic	Min	-853.131	-100.623	0.000	0.0000
37	0.90286	SLE_SISMA _UP	NonStatic	Min	-852.747	-89.977	0.000	0.0000
37	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
37	0.45143	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
37	0.90286	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
37	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1098.974	-180.171	0.000	0.0000
37	0.45143	SLU_SISMA _DOWN	NonStatic	Min	-1098.513	-167.416	0.000	0.0000
37	0.90286	SLU_SISMA _DOWN	NonStatic	Min	-1098.052	-154.660	0.000	0.0000
37	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
37	0.45143	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
37	0.90286	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
37	0.00000	SLU_SISMA _UP	NonStatic	Min	-1024.260	-159.741	0.000	0.0000
37	0.45143	SLU_SISMA _UP	NonStatic	Min	-1023.905	-149.941	0.000	0.0000
37	0.90286	SLU_SISMA _UP	NonStatic	Min	-1023.551	-140.140	0.000	0.0000
38	0.00000	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
38	0.45143	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
38	0.90286	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
38	0.00000	SLE	NonStatic	Min	-833.867	-185.685	0.000	0.0000
38	0.45143	SLE	NonStatic	Min	-832.646	-174.465	0.000	0.0000
38	0.90286	SLE	NonStatic	Min	-831.426	-163.246	0.000	0.0000
38	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
38	0.45143	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
38	0.90286	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
38	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-895.301	-234.416	0.000	0.0000
38	0.45143	SLE_SISMA _DOWN	NonStatic	Min	-894.012	-222.568	0.000	0.0000
38	0.90286	SLE_SISMA _DOWN	NonStatic	Min	-892.723	-210.720	0.000	0.0000
38	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
38	0.45143	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
38	0.90286	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
38	0.00000	SLE_SISMA _UP	NonStatic	Min	-863.826	-215.160	0.000	0.0000
38	0.45143	SLE_SISMA _UP	NonStatic	Min	-862.674	-204.569	0.000	0.0000
38	0.90286	SLE_SISMA _UP	NonStatic	Min	-861.522	-193.977	0.000	0.0000
38	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
38	0.45143	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
38	0.90286	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
38	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1114.175	-288.506	0.000	0.0000
38	0.45143	SLU_SISMA _DOWN	NonStatic	Min	-1112.794	-275.817	0.000	0.0000
38	0.90286	SLU_SISMA _DOWN	NonStatic	Min	-1111.414	-263.128	0.000	0.0000
38	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
38	0.45143	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
38	0.90286	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
38	0.00000	SLU_SISMA _UP	NonStatic	Min	-1037.366	-239.302	0.000	0.0000
38	0.45143	SLU_SISMA _UP	NonStatic	Min	-1036.306	-229.553	0.000	0.0000
38	0.90286	SLU_SISMA _UP	NonStatic	Min	-1035.245	-219.803	0.000	0.0000
39	0.00000	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
39	0.45143	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
39	0.90286	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
39	0.00000	SLE	NonStatic	Min	-848.291	-302.389	0.000	0.0000
39	0.45143	SLE	NonStatic	Min	-846.263	-291.286	0.000	0.0000
39	0.90286	SLE	NonStatic	Min	-844.236	-280.184	0.000	0.0000
39	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
39	0.45143	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
39	0.90286	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
39	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-912.952	-347.063	0.000	0.0000
39	0.45143	SLE_SISMA _DOWN	NonStatic	Min	-910.812	-335.339	0.000	0.0000
39	0.90286	SLE_SISMA _DOWN	NonStatic	Min	-908.671	-323.615	0.000	0.0000
39	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
39	0.45143	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
39	0.90286	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
39	0.00000	SLE_SISMA _UP	NonStatic	Min	-880.000	-315.405	0.000	0.0000
39	0.45143	SLE_SISMA _UP	NonStatic	Min	-878.086	-304.924	0.000	0.0000
39	0.90286	SLE_SISMA _UP	NonStatic	Min	-876.173	-294.444	0.000	0.0000
39	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
39	0.45143	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
39	0.90286	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
39	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1135.055	-387.534	0.000	0.0000
39	0.45143	SLU_SISMA _DOWN	NonStatic	Min	-1132.762	-374.978	0.000	0.0000
39	0.90286	SLU_SISMA _DOWN	NonStatic	Min	-1130.470	-362.421	0.000	0.0000
39	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
39	0.45143	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
39	0.90286	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
39	0.00000	SLU_SISMA _UP	NonStatic	Min	-1054.492	-309.490	0.000	0.0000
39	0.45143	SLU_SISMA _UP	NonStatic	Min	-1052.730	-299.843	0.000	0.0000
39	0.90286	SLU_SISMA _UP	NonStatic	Min	-1050.968	-290.195	0.000	0.0000
40	0.00000	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
40	0.45143	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
40	0.90286	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
40	0.00000	SLE	NonStatic	Min	-869.579	-419.536	0.000	0.0000
40	0.45143	SLE	NonStatic	Min	-866.756	-408.609	0.000	0.0000
40	0.90286	SLE	NonStatic	Min	-863.933	-397.682	0.000	0.0000
40	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
40	0.45143	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
40	0.90286	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
40	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-936.943	-456.211	0.000	0.0000
40	0.45143	SLE_SISMA _DOWN	NonStatic	Min	-933.962	-444.672	0.000	0.0000
40	0.90286	SLE_SISMA _DOWN	NonStatic	Min	-930.980	-433.134	0.000	0.0000
40	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
40	0.45143	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
40	0.90286	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
40	0.00000	SLE_SISMA _UP	NonStatic	Min	-901.789	-411.975	0.000	0.0000
40	0.45143	SLE_SISMA _UP	NonStatic	Min	-899.124	-401.660	0.000	0.0000
40	0.90286	SLE_SISMA _UP	NonStatic	Min	-896.459	-391.345	0.000	0.0000
40	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
40	0.45143	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
40	0.90286	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
40	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1160.955	-477.109	0.000	0.0000
40	0.45143	SLU_SISMA _DOWN	NonStatic	Min	-1157.762	-464.751	0.000	0.0000
40	0.90286	SLU_SISMA _DOWN	NonStatic	Min	-1154.569	-452.393	0.000	0.0000
40	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
40	0.45143	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
40	0.90286	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
40	0.00000	SLU_SISMA _UP	NonStatic	Min	-1074.964	-370.076	0.000	0.0000
40	0.45143	SLU_SISMA _UP	NonStatic	Min	-1072.510	-360.581	0.000	0.0000
40	0.90286	SLU_SISMA _UP	NonStatic	Min	-1070.057	-351.085	0.000	0.0000
41	0.00000	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
41	0.45143	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
41	0.90286	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
41	0.00000	SLE	NonStatic	Min	-897.779	-536.801	0.000	0.0000
41	0.45143	SLE	NonStatic	Min	-894.174	-526.107	0.000	0.0000
41	0.90286	SLE	NonStatic	Min	-890.570	-515.412	0.000	0.0000
41	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
41	0.45143	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
41	0.90286	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
41	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-967.033	-561.475	0.000	0.0000
41	0.45143	SLE_SISMA _DOWN	NonStatic	Min	-963.227	-550.182	0.000	0.0000
41	0.90286	SLE_SISMA _DOWN	NonStatic	Min	-959.420	-538.888	0.000	0.0000
41	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
41	0.45143	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
41	0.90286	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
41	0.00000	SLE_SISMA _UP	NonStatic	Min	-928.937	-504.488	0.000	0.0000
41	0.45143	SLE_SISMA _UP	NonStatic	Min	-925.534	-494.393	0.000	0.0000
41	0.90286	SLE_SISMA _UP	NonStatic	Min	-922.131	-484.297	0.000	0.0000
41	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
41	0.45143	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
41	0.90286	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
41	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1191.201	-556.702	0.000	0.0000
41	0.45143	SLU_SISMA _DOWN	NonStatic	Min	-1187.124	-544.607	0.000	0.0000
41	0.90286	SLU_SISMA _DOWN	NonStatic	Min	-1183.047	-532.511	0.000	0.0000
41	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
41	0.45143	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
41	0.90286	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
41	0.00000	SLU_SISMA _UP	NonStatic	Min	-1098.091	-420.546	0.000	0.0000
41	0.45143	SLU_SISMA _UP	NonStatic	Min	-1094.958	-411.252	0.000	0.0000
41	0.90286	SLU_SISMA _UP	NonStatic	Min	-1091.826	-401.959	0.000	0.0000
42	0.00000	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
42	0.45143	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
42	0.90286	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
42	0.00000	SLE	NonStatic	Min	-932.901	-653.337	0.000	0.0000
42	0.45143	SLE	NonStatic	Min	-928.534	-642.931	0.000	0.0000
42	0.90286	SLE	NonStatic	Min	-924.167	-632.524	0.000	0.0000
42	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
42	0.45143	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
42	0.90286	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
42	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1002.945	-661.943	0.000	0.0000
42	0.45143	SLU_SISMA _DOWN	NonStatic	Min	-998.333	-650.954	0.000	0.0000
42	0.90286	SLU_SISMA _DOWN	NonStatic	Min	-993.721	-639.965	0.000	0.0000
42	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
42	0.45143	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
42	0.90286	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
42	0.00000	SLU_SISMA _UP	NonStatic	Min	-961.152	-592.096	0.000	0.0000
42	0.45143	SLU_SISMA _UP	NonStatic	Min	-957.029	-582.272	0.000	0.0000
42	0.90286	SLU_SISMA _UP	NonStatic	Min	-952.906	-572.448	0.000	0.0000
42	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
42	0.45143	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
42	0.90286	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
42	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1225.071	-625.297	0.000	0.0000
42	0.45143	SLU_SISMA _DOWN	NonStatic	Min	-1220.132	-613.527	0.000	0.0000
42	0.90286	SLU_SISMA _DOWN	NonStatic	Min	-1215.193	-601.757	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
42	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
42	0.45143	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
42	0.90286	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
42	0.00000	SLU_SISMA _UP	NonStatic	Min	-1123.139	-460.032	0.000	0.0000
42	0.45143	SLU_SISMA _UP	NonStatic	Min	-1119.344	-450.988	0.000	0.0000
42	0.90286	SLU_SISMA _UP	NonStatic	Min	-1115.549	-441.945	0.000	0.0000
43	0.00000	SLE	NonStatic	Max	1329.876	0.000	0.000	0.0000
43	0.44994	SLE	NonStatic	Max	1329.876	0.000	0.000	0.0000
43	0.89989	SLE	NonStatic	Max	1329.876	0.000	0.000	0.0000
43	0.00000	SLE	NonStatic	Min	0.000	-43.929	0.000	0.0000
43	0.44994	SLE	NonStatic	Min	0.000	-32.680	0.000	0.0000
43	0.89989	SLE	NonStatic	Min	0.000	-21.432	0.000	0.0000
43	0.00000	SLE_SISMA _DOWN	NonStatic	Max	1414.334	15.139	0.000	0.0000
43	0.44994	SLE_SISMA _DOWN	NonStatic	Max	1414.334	27.018	0.000	0.0000
43	0.89989	SLE_SISMA _DOWN	NonStatic	Max	1414.334	38.896	0.000	0.0000
43	0.00000	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
43	0.44994	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
43	0.89989	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
43	0.00000	SLE_SISMA _UP	NonStatic	Max	1265.622	19.578	0.000	0.0000
43	0.44994	SLE_SISMA _UP	NonStatic	Max	1265.622	30.196	0.000	0.0000
43	0.89989	SLE_SISMA _UP	NonStatic	Max	1265.622	40.815	0.000	0.0000
43	0.00000	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
43	0.44994	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
43	0.89989	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
43	0.00000	SLU_SISMA _DOWN	NonStatic	Max	1399.398	94.316	0.000	0.0000
43	0.44994	SLU_SISMA _DOWN	NonStatic	Max	1399.398	107.038	0.000	0.0000
43	0.89989	SLU_SISMA _DOWN	NonStatic	Max	1399.398	119.760	0.000	0.0000
43	0.00000	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
43	0.44994	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
43	0.89989	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
43	0.00000	SLU_SISMA _UP	NonStatic	Max	1040.674	99.933	0.000	0.0000
43	0.44994	SLU_SISMA _UP	NonStatic	Max	1040.674	109.708	0.000	0.0000
43	0.89989	SLU_SISMA _UP	NonStatic	Max	1040.674	119.483	0.000	0.0000
43	0.00000	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
43	0.44994	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
43	0.89989	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
44	0.00000	SLE	NonStatic	Max	1329.876	0.000	0.000	0.0000
44	0.44994	SLE	NonStatic	Max	1329.876	0.000	0.000	0.0000
44	0.89989	SLE	NonStatic	Max	1329.876	0.000	0.000	0.0000
44	0.00000	SLE	NonStatic	Min	0.000	-247.419	0.000	0.0000
44	0.44994	SLE	NonStatic	Min	0.000	-236.171	0.000	0.0000
44	0.89989	SLE	NonStatic	Min	0.000	-224.922	0.000	0.0000
44	0.00000	SLE_SISMA _DOWN	NonStatic	Max	1414.334	0.000	0.000	0.0000
44	0.44994	SLE_SISMA _DOWN	NonStatic	Max	1414.334	0.000	0.000	0.0000
44	0.89989	SLE_SISMA _DOWN	NonStatic	Max	1414.334	0.000	0.000	0.0000
44	0.00000	SLE_SISMA _DOWN	NonStatic	Min	0.000	-182.177	0.000	0.0000
44	0.44994	SLE_SISMA _DOWN	NonStatic	Min	0.000	-170.299	0.000	0.0000
44	0.89989	SLE_SISMA _DOWN	NonStatic	Min	0.000	-158.420	0.000	0.0000
44	0.00000	SLE_SISMA _UP	NonStatic	Max	1265.622	0.000	0.000	0.0000
44	0.44994	SLE_SISMA _UP	NonStatic	Max	1265.622	0.000	0.000	0.0000
44	0.89989	SLE_SISMA _UP	NonStatic	Max	1265.622	0.000	0.000	0.0000
44	0.00000	SLE_SISMA _UP	NonStatic	Min	0.000	-160.422	0.000	0.0000
44	0.44994	SLE_SISMA _UP	NonStatic	Min	0.000	-149.804	0.000	0.0000
44	0.89989	SLE_SISMA _UP	NonStatic	Min	0.000	-139.185	0.000	0.0000
44	0.00000	SLU_SISMA _DOWN	NonStatic	Max	1399.398	0.000	0.000	0.0000
44	0.44994	SLU_SISMA _DOWN	NonStatic	Max	1399.398	0.000	0.000	0.0000
44	0.89989	SLU_SISMA _DOWN	NonStatic	Max	1399.398	0.000	0.000	0.0000
44	0.00000	SLU_SISMA _DOWN	NonStatic	Min	0.000	-95.776	0.000	0.0000
44	0.44994	SLU_SISMA _DOWN	NonStatic	Min	0.000	-83.054	0.000	0.0000
44	0.89989	SLU_SISMA _DOWN	NonStatic	Min	0.000	-70.332	0.000	0.0000
44	0.00000	SLU_SISMA _UP	NonStatic	Max	1040.674	0.000	0.000	0.0000
44	0.44994	SLU_SISMA _UP	NonStatic	Max	1040.674	0.000	0.000	0.0000
44	0.89989	SLU_SISMA _UP	NonStatic	Max	1040.674	0.000	0.000	0.0000
44	0.00000	SLU_SISMA _UP	NonStatic	Min	0.000	-49.098	0.000	0.0000
44	0.44994	SLU_SISMA _UP	NonStatic	Min	0.000	-39.323	0.000	0.0000
44	0.89989	SLU_SISMA _UP	NonStatic	Min	0.000	-29.548	0.000	0.0000
45	0.00000	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
45	1.03479	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
45	2.06958	SLE	NonStatic	Max	0.000	22.497	0.000	0.0000
45	0.00000	SLE	NonStatic	Min	-2168.891	-22.497	0.000	0.0000
45	1.03479	SLE	NonStatic	Min	-2181.663	-1.332E-14	0.000	0.0000
45	2.06958	SLE	NonStatic	Min	-2194.435	0.000	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
45	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
45	1.03479	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
45	2.06958	SLE_SISMA _DOWN	NonStatic	Max	0.000	23.757	0.000	0.0000
45	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-2338.652	-23.757	0.000	0.0000
45	1.03479	SLE_SISMA _DOWN	NonStatic	Min	-2352.139	-8.882E-15	0.000	0.0000
45	2.06958	SLE_SISMA _DOWN	NonStatic	Min	-2365.626	0.000	0.000	0.0000
45	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
45	1.03479	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
45	2.06958	SLE_SISMA _UP	NonStatic	Max	0.000	21.237	0.000	0.0000
45	0.00000	SLE_SISMA _UP	NonStatic	Min	-2159.970	-21.237	0.000	0.0000
45	1.03479	SLE_SISMA _UP	NonStatic	Min	-2172.027	-4.441E-15	0.000	0.0000
45	2.06958	SLE_SISMA _UP	NonStatic	Min	-2184.084	0.000	0.000	0.0000
45	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
45	1.03479	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
45	2.06958	SLU_SISMA _DOWN	NonStatic	Max	0.000	25.444	0.000	0.0000
45	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-2576.631	-25.444	0.000	0.0000
45	1.03479	SLU_SISMA _DOWN	NonStatic	Min	-2591.076	-8.882E-15	0.000	0.0000
45	2.06958	SLU_SISMA _DOWN	NonStatic	Min	-2605.521	0.000	0.000	0.0000
45	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
45	1.03479	SLU_SISMA _UP	NonStatic	Max	0.000	2.220E-15	0.000	0.0000
45	2.06958	SLU_SISMA _UP	NonStatic	Max	0.000	19.550	0.000	0.0000
45	0.00000	SLU_SISMA _UP	NonStatic	Min	-2142.405	-19.550	0.000	0.0000
45	1.03479	SLU_SISMA _UP	NonStatic	Min	-2153.504	0.000	0.000	0.0000
45	2.06958	SLU_SISMA _UP	NonStatic	Min	-2164.603	0.000	0.000	0.0000
46	0.00000	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
46	1.03479	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
46	2.06958	SLE	NonStatic	Max	0.000	22.497	0.000	0.0000
46	0.00000	SLE	NonStatic	Min	-2194.435	-22.497	0.000	0.0000
46	1.03479	SLE	NonStatic	Min	-2181.663	-1.332E-14	0.000	0.0000
46	2.06958	SLE	NonStatic	Min	-2168.891	0.000	0.000	0.0000
46	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
46	1.03479	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
46	2.06958	SLE_SISMA _DOWN	NonStatic	Max	0.000	23.757	0.000	0.0000
46	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-2212.729	-23.757	0.000	0.0000
46	1.03479	SLE_SISMA _DOWN	NonStatic	Min	-2199.242	-8.882E-15	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
46	2.06958	SLE_SISMA _DOWN	NonStatic	Min	-2185.755	0.000	0.000	0.0000
46	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
46	1.03479	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
46	2.06958	SLE_SISMA _UP	NonStatic	Max	0.000	21.237	0.000	0.0000
46	0.00000	SLE_SISMA _UP	NonStatic	Min	-2031.293	-21.237	0.000	0.0000
46	1.03479	SLE_SISMA _UP	NonStatic	Min	-2019.237	-4.441E-15	0.000	0.0000
46	2.06958	SLE_SISMA _UP	NonStatic	Min	-2007.180	0.000	0.000	0.0000
46	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
46	1.03479	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
46	2.06958	SLU_SISMA _DOWN	NonStatic	Max	0.000	25.444	0.000	0.0000
46	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-2284.063	-25.444	0.000	0.0000
46	1.03479	SLU_SISMA _DOWN	NonStatic	Min	-2269.618	-8.882E-15	0.000	0.0000
46	2.06958	SLU_SISMA _DOWN	NonStatic	Min	-2255.173	0.000	0.000	0.0000
46	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
46	1.03479	SLU_SISMA _UP	NonStatic	Max	0.000	2.220E-15	0.000	0.0000
46	2.06958	SLU_SISMA _UP	NonStatic	Max	0.000	19.550	0.000	0.0000
46	0.00000	SLU_SISMA _UP	NonStatic	Min	-1864.608	-19.550	0.000	0.0000
46	1.03479	SLU_SISMA _UP	NonStatic	Min	-1853.509	0.000	0.000	0.0000
46	2.06958	SLU_SISMA _UP	NonStatic	Min	-1842.411	0.000	0.000	0.0000

Table: Element Forces - Frames, Part 2 of 2

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem	ElemStation m
1	0.00000	SLE	Max	0.0000	870.5279	1-1	0.00000
1	0.51088	SLE	Max	0.0000	1567.7600	1-1	0.51088
1	1.02176	SLE	Max	0.0000	2297.5128	1-1	1.02176
1	0.00000	SLE	Min	0.0000	0.0000	1-1	0.00000
1	0.51088	SLE	Min	0.0000	0.0000	1-1	0.51088
1	1.02176	SLE	Min	0.0000	0.0000	1-1	1.02176
1	0.00000	SLE_SISMA _DOWN	Max	0.0000	908.0090	1-1	0.00000
1	0.51088	SLE_SISMA _DOWN	Max	0.0000	1648.2719	1-1	0.51088
1	1.02176	SLE_SISMA _DOWN	Max	0.0000	2423.9484	1-1	1.02176
1	0.00000	SLE_SISMA _DOWN	Min	0.0000	0.0000	1-1	0.00000
1	0.51088	SLE_SISMA _DOWN	Min	0.0000	0.0000	1-1	0.51088
1	1.02176	SLE_SISMA _DOWN	Min	0.0000	0.0000	1-1	1.02176

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem	ElemStation m
1	0.00000	SLE_SISMA _UP	Max	0.0000	826.4763	1-1	0.00000
1	0.51088	SLE_SISMA _UP	Max	0.0000	1490.7649	1-1	0.51088
1	1.02176	SLE_SISMA _UP	Max	0.0000	2190.4672	1-1	1.02176
1	0.00000	SLE_SISMA _UP	Min	0.0000	0.0000	1-1	0.00000
1	0.51088	SLE_SISMA _UP	Min	0.0000	0.0000	1-1	0.51088
1	1.02176	SLE_SISMA _UP	Min	0.0000	0.0000	1-1	1.02176
1	0.00000	SLU_SISMA _DOWN	Max	0.0000	929.7168	1-1	0.00000
1	0.51088	SLU_SISMA _DOWN	Max	0.0000	1667.7383	1-1	0.51088
1	1.02176	SLU_SISMA _DOWN	Max	0.0000	2451.9511	1-1	1.02176
1	0.00000	SLU_SISMA _DOWN	Min	0.0000	0.0000	1-1	0.00000
1	0.51088	SLU_SISMA _DOWN	Min	0.0000	0.0000	1-1	0.51088
1	1.02176	SLU_SISMA _DOWN	Min	0.0000	0.0000	1-1	1.02176
1	0.00000	SLU_SISMA _UP	Max	0.0000	734.0837	1-1	0.00000
1	0.51088	SLU_SISMA _UP	Max	0.0000	1288.8399	1-1	0.51088
1	1.02176	SLU_SISMA _UP	Max	0.0000	1889.7874	1-1	1.02176
1	0.00000	SLU_SISMA _UP	Min	0.0000	0.0000	1-1	0.00000
1	0.51088	SLU_SISMA _UP	Min	0.0000	0.0000	1-1	0.51088
1	1.02176	SLU_SISMA _UP	Min	0.0000	0.0000	1-1	1.02176
2	0.00000	SLE	Max	0.0000	2297.5128	2-1	0.00000
2	0.42395	SLE	Max	0.0000	2126.5979	2-1	0.42395
2	0.84789	SLE	Max	0.0000	1976.6368	2-1	0.84789
2	0.00000	SLE	Min	0.0000	0.0000	2-1	0.00000
2	0.42395	SLE	Min	0.0000	0.0000	2-1	0.42395
2	0.84789	SLE	Min	0.0000	0.0000	2-1	0.84789
2	0.00000	SLE_SISMA _DOWN	Max	0.0000	2423.9484	2-1	0.00000
2	0.42395	SLE_SISMA _DOWN	Max	0.0000	2226.6189	2-1	0.42395
2	0.84789	SLE_SISMA _DOWN	Max	0.0000	2052.2354	2-1	0.84789
2	0.00000	SLE_SISMA _DOWN	Min	0.0000	0.0000	2-1	0.00000
2	0.42395	SLE_SISMA _DOWN	Min	0.0000	0.0000	2-1	0.42395
2	0.84789	SLE_SISMA _DOWN	Min	0.0000	0.0000	2-1	0.84789
2	0.00000	SLE_SISMA _UP	Max	0.0000	2190.4672	2-1	0.00000
2	0.42395	SLE_SISMA _UP	Max	0.0000	1996.4947	2-1	0.42395
2	0.84789	SLE_SISMA _UP	Max	0.0000	1825.4683	2-1	0.84789
2	0.00000	SLE_SISMA _UP	Min	0.0000	0.0000	2-1	0.00000
2	0.42395	SLE_SISMA _UP	Min	0.0000	0.0000	2-1	0.42395

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem	ElemStation m
2	0.84789	SLE_SISMA _UP	Min	0.0000	0.0000	2-1	0.84789
2	0.00000	SLU_SISMA _DOWN	Max	0.0000	2451.9511	2-1	0.00000
2	0.42395	SLU_SISMA _DOWN	Max	0.0000	2181.6540	2-1	0.42395
2	0.84789	SLU_SISMA _DOWN	Max	0.0000	1941.4380	2-1	0.84789
2	0.00000	SLU_SISMA _DOWN	Min	0.0000	0.0000	2-1	0.00000
2	0.42395	SLU_SISMA _DOWN	Min	0.0000	0.0000	2-1	0.42395
2	0.84789	SLU_SISMA _DOWN	Min	0.0000	0.0000	2-1	0.84789
2	0.00000	SLU_SISMA _UP	Max	0.0000	1889.7874	2-1	0.00000
2	0.42395	SLU_SISMA _UP	Max	0.0000	1628.7331	2-1	0.42395
2	0.84789	SLU_SISMA _UP	Max	0.0000	1397.7599	2-1	0.84789
2	0.00000	SLU_SISMA _UP	Min	0.0000	0.0000	2-1	0.00000
2	0.42395	SLU_SISMA _UP	Min	0.0000	0.0000	2-1	0.42395
2	0.84789	SLU_SISMA _UP	Min	0.0000	0.0000	2-1	0.84789
3	0.00000	SLE	Max	0.0000	1976.6368	3-1	0.00000
3	0.42395	SLE	Max	0.0000	1851.3266	3-1	0.42395
3	0.84789	SLE	Max	0.0000	1745.6828	3-1	0.84789
3	0.00000	SLE	Min	0.0000	0.0000	3-1	0.00000
3	0.42395	SLE	Min	0.0000	0.0000	3-1	0.42395
3	0.84789	SLE	Min	0.0000	0.0000	3-1	0.84789
3	0.00000	SLE_SISMA _DOWN	Max	0.0000	2052.2354	3-1	0.00000
3	0.42395	SLE_SISMA _DOWN	Max	0.0000	1900.1541	3-1	0.42395
3	0.84789	SLE_SISMA _DOWN	Max	0.0000	1769.7312	3-1	0.84789
3	0.00000	SLE_SISMA _DOWN	Min	0.0000	0.0000	3-1	0.00000
3	0.42395	SLE_SISMA _DOWN	Min	0.0000	0.0000	3-1	0.42395
3	0.84789	SLE_SISMA _DOWN	Min	0.0000	0.0000	3-1	0.84789
3	0.00000	SLE_SISMA _UP	Max	0.0000	1825.4683	3-1	0.00000
3	0.42395	SLE_SISMA _UP	Max	0.0000	1676.7440	3-1	0.42395
3	0.84789	SLE_SISMA _UP	Max	0.0000	1549.6781	3-1	0.84789
3	0.00000	SLE_SISMA _UP	Min	0.0000	0.0000	3-1	0.00000
3	0.42395	SLE_SISMA _UP	Min	0.0000	0.0000	3-1	0.42395
3	0.84789	SLE_SISMA _UP	Min	0.0000	0.0000	3-1	0.84789
3	0.00000	SLU_SISMA _DOWN	Max	0.0000	1941.4380	3-1	0.00000
3	0.42395	SLU_SISMA _DOWN	Max	0.0000	1730.5310	3-1	0.42395
3	0.84789	SLU_SISMA _DOWN	Max	0.0000	1548.1613	3-1	0.84789
3	0.00000	SLU_SISMA _DOWN	Min	0.0000	0.0000	3-1	0.00000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem	ElemStation m
3	0.42395	SLU_SISMA _DOWN	Min	0.0000	0.0000	3-1	0.42395
3	0.84789	SLU_SISMA _DOWN	Min	0.0000	0.0000	3-1	0.84789
3	0.00000	SLU_SISMA _UP	Max	0.0000	1397.7599	3-1	0.00000
3	0.42395	SLU_SISMA _UP	Max	0.0000	1196.0958	3-1	0.42395
3	0.84789	SLU_SISMA _UP	Max	0.0000	1022.9688	3-1	0.84789
3	0.00000	SLU_SISMA _UP	Min	0.0000	0.0000	3-1	0.00000
3	0.42395	SLU_SISMA _UP	Min	0.0000	0.0000	3-1	0.42395
3	0.84789	SLU_SISMA _UP	Min	0.0000	0.0000	3-1	0.84789
4	0.00000	SLE	Max	0.0000	1745.6828	4-1	0.00000
4	0.42395	SLE	Max	0.0000	1663.9460	4-1	0.42395
4	0.84789	SLE	Max	0.0000	1600.5727	4-1	0.84789
4	0.00000	SLE	Min	0.0000	0.0000	4-1	0.00000
4	0.42395	SLE	Min	0.0000	0.0000	4-1	0.42395
4	0.84789	SLE	Min	0.0000	0.0000	4-1	0.84789
4	0.00000	SLE_SISMA _DOWN	Max	0.0000	1769.7312	4-1	0.00000
4	0.42395	SLE_SISMA _DOWN	Max	0.0000	1660.3152	4-1	0.42395
4	0.84789	SLE_SISMA _DOWN	Max	0.0000	1571.2547	4-1	0.84789
4	0.00000	SLE_SISMA _DOWN	Min	0.0000	0.0000	4-1	0.00000
4	0.42395	SLE_SISMA _DOWN	Min	0.0000	0.0000	4-1	0.42395
4	0.84789	SLE_SISMA _DOWN	Min	0.0000	0.0000	4-1	0.84789
4	0.00000	SLE_SISMA _UP	Max	0.0000	1549.6781	4-1	0.00000
4	0.42395	SLE_SISMA _UP	Max	0.0000	1443.6191	4-1	0.42395
4	0.84789	SLE_SISMA _UP	Max	0.0000	1357.9156	4-1	0.84789
4	0.00000	SLE_SISMA _UP	Min	0.0000	0.0000	4-1	0.00000
4	0.42395	SLE_SISMA _UP	Min	0.0000	0.0000	4-1	0.42395
4	0.84789	SLE_SISMA _UP	Min	0.0000	0.0000	4-1	0.84789
4	0.00000	SLU_SISMA _DOWN	Max	0.0000	1548.1613	4-1	0.00000
4	0.42395	SLU_SISMA _DOWN	Max	0.0000	1393.5476	4-1	0.42395
4	0.84789	SLU_SISMA _DOWN	Max	0.0000	1265.9090	4-1	0.84789
4	0.00000	SLU_SISMA _DOWN	Min	0.0000	0.0000	4-1	0.00000
4	0.42395	SLU_SISMA _DOWN	Min	0.0000	0.0000	4-1	0.42395
4	0.84789	SLU_SISMA _DOWN	Min	0.0000	0.0000	4-1	0.84789
4	0.00000	SLU_SISMA _UP	Max	0.0000	1022.9688	4-1	0.00000
4	0.42395	SLU_SISMA _UP	Max	0.0000	877.5980	4-1	0.42395
4	0.84789	SLU_SISMA _UP	Max	0.0000	759.2021	4-1	0.84789

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem	ElemStation m
4	0.00000	SLU_SISMA _UP	Min	0.0000	0.0000	4-1	0.00000
4	0.42395	SLU_SISMA _UP	Min	0.0000	0.0000	4-1	0.42395
4	0.84789	SLU_SISMA _UP	Min	0.0000	0.0000	4-1	0.84789
5	0.00000	SLE	Max	0.0000	0.0000	5-1	0.00000
5	0.55314	SLE	Max	0.0000	0.0000	5-1	0.55314
5	1.10627	SLE	Max	0.0000	0.0000	5-1	1.10627
5	0.00000	SLE	Min	0.0000	-1600.5727	5-1	0.00000
5	0.55314	SLE	Min	0.0000	-1493.8849	5-1	0.55314
5	1.10627	SLE	Min	0.0000	-1416.8851	5-1	1.10627
5	0.00000	SLE_SISMA _DOWN	Max	0.0000	0.0000	5-1	0.00000
5	0.55314	SLE_SISMA _DOWN	Max	0.0000	0.0000	5-1	0.55314
5	1.10627	SLE_SISMA _DOWN	Max	0.0000	0.0000	5-1	1.10627
5	0.00000	SLE_SISMA _DOWN	Min	0.0000	-1571.2547	5-1	0.00000
5	0.55314	SLE_SISMA _DOWN	Min	0.0000	-1430.6520	5-1	0.55314
5	1.10627	SLE_SISMA _DOWN	Min	0.0000	-1323.1628	5-1	1.10627
5	0.00000	SLE_SISMA _UP	Max	0.0000	0.0000	5-1	0.00000
5	0.55314	SLE_SISMA _UP	Max	0.0000	0.0000	5-1	0.55314
5	1.10627	SLE_SISMA _UP	Max	0.0000	0.0000	5-1	1.10627
5	0.00000	SLE_SISMA _UP	Min	0.0000	-1357.9156	5-1	0.00000
5	0.55314	SLE_SISMA _UP	Min	0.0000	-1225.9586	5-1	0.55314
5	1.10627	SLE_SISMA _UP	Min	0.0000	-1127.0045	5-1	1.10627
5	0.00000	SLU_SISMA _DOWN	Max	0.0000	0.0000	5-1	0.00000
5	0.55314	SLU_SISMA _DOWN	Max	0.0000	0.0000	5-1	0.55314
5	1.10627	SLU_SISMA _DOWN	Max	0.0000	0.0000	5-1	1.10627
5	0.00000	SLU_SISMA _DOWN	Min	0.0000	-1265.9090	5-1	0.00000
5	0.55314	SLU_SISMA _DOWN	Min	0.0000	-1084.2611	5-1	0.55314
5	1.10627	SLU_SISMA _DOWN	Min	0.0000	-946.4960	5-1	1.10627
5	0.00000	SLU_SISMA _UP	Max	0.0000	0.0000	5-1	0.00000
5	0.55314	SLU_SISMA _UP	Max	0.0000	0.0000	5-1	0.55314
5	1.10627	SLU_SISMA _UP	Max	0.0000	0.0000	5-1	1.10627
5	0.00000	SLU_SISMA _UP	Min	0.0000	-759.2021	5-1	0.00000
5	0.55314	SLU_SISMA _UP	Min	0.0000	-599.7605	5-1	0.55314
5	1.10627	SLU_SISMA _UP	Min	0.0000	-483.9395	5-1	1.10627
6	0.00000	SLE	Max	0.0000	0.0000	6-1	0.00000
6	0.55314	SLE	Max	0.0000	0.0000	6-1	0.55314
6	1.10627	SLE	Max	0.0000	0.0000	6-1	1.10627
6	0.00000	SLE	Min	0.0000	-1416.8851	6-1	0.00000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem	ElemStation m
6	0.55314	SLE	Min	0.0000	-1267.3022	6-1	0.55314
6	1.10627	SLE	Min	0.0000	-1148.0719	6-1	1.10627
6	0.00000	SLE_SISMA _DOWN	Max	0.0000	0.0000	6-1	0.00000
6	0.55314	SLE_SISMA _DOWN	Max	0.0000	0.0000	6-1	0.55314
6	1.10627	SLE_SISMA _DOWN	Max	0.0000	0.0000	6-1	1.10627
6	0.00000	SLE_SISMA _DOWN	Min	0.0000	-1323.1628	6-1	0.00000
6	0.55314	SLE_SISMA _DOWN	Min	0.0000	-1147.0543	6-1	0.55314
6	1.10627	SLE_SISMA _DOWN	Min	0.0000	-1004.7567	6-1	1.10627
6	0.00000	SLE_SISMA _UP	Max	0.0000	0.0000	6-1	0.00000
6	0.55314	SLE_SISMA _UP	Max	0.0000	0.0000	6-1	0.55314
6	1.10627	SLE_SISMA _UP	Max	0.0000	0.0000	6-1	1.10627
6	0.00000	SLE_SISMA _UP	Min	0.0000	-1127.0045	6-1	0.00000
6	0.55314	SLE_SISMA _UP	Min	0.0000	-967.1501	6-1	0.55314
6	1.10627	SLE_SISMA _UP	Min	0.0000	-840.6025	6-1	1.10627
6	0.00000	SLU_SISMA _DOWN	Max	0.0000	0.0000	6-1	0.00000
6	0.55314	SLU_SISMA _DOWN	Max	0.0000	0.0000	6-1	0.55314
6	1.10627	SLU_SISMA _DOWN	Max	0.0000	0.0000	6-1	1.10627
6	0.00000	SLU_SISMA _DOWN	Min	0.0000	-946.4960	6-1	0.00000
6	0.55314	SLU_SISMA _DOWN	Min	0.0000	-750.2912	6-1	0.55314
6	1.10627	SLU_SISMA _DOWN	Min	0.0000	-597.8890	6-1	1.10627
6	0.00000	SLU_SISMA _UP	Max	0.0000	0.0000	6-1	0.00000
6	0.55314	SLU_SISMA _UP	Max	0.0000	0.0000	6-1	0.55314
6	1.10627	SLU_SISMA _UP	Max	0.0000	0.0000	6-1	1.10627
6	0.00000	SLU_SISMA _UP	Min	0.0000	-483.9395	6-1	0.00000
6	0.55314	SLU_SISMA _UP	Min	0.0000	-328.0052	6-1	0.55314
6	1.10627	SLU_SISMA _UP	Min	0.0000	-214.6623	6-1	1.10627
7	0.00000	SLE	Max	0.0000	0.0000	7-1	0.00000
7	0.55314	SLE	Max	0.0000	0.0000	7-1	0.55314
7	1.10627	SLE	Max	0.0000	0.0000	7-1	1.10627
7	0.00000	SLE	Min	0.0000	-1148.0719	7-1	0.00000
7	0.55314	SLE	Min	0.0000	-967.1081	7-1	0.55314
7	1.10627	SLE	Min	0.0000	-819.3790	7-1	1.10627
7	0.00000	SLE_SISMA _DOWN	Max	0.0000	0.0000	7-1	0.00000
7	0.55314	SLE_SISMA _DOWN	Max	0.0000	0.0000	7-1	0.55314
7	1.10627	SLE_SISMA _DOWN	Max	0.0000	0.0000	7-1	1.10627
7	0.00000	SLE_SISMA _DOWN	Min	0.0000	-1004.7567	7-1	0.00000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem	ElemStation m
7	0.55314	SLE_SISMA _DOWN	Min	0.0000	-805.4021	7-1	0.55314
7	1.10627	SLE_SISMA _DOWN	Min	0.0000	-642.7443	7-1	1.10627
7	0.00000	SLE_SISMA _UP	Max	0.0000	0.0000	7-1	0.00000
7	0.55314	SLE_SISMA _UP	Max	0.0000	0.0000	7-1	0.55314
7	1.10627	SLE_SISMA _UP	Max	0.0000	0.0000	7-1	1.10627
7	0.00000	SLE_SISMA _UP	Min	0.0000	-840.6025	7-1	0.00000
7	0.55314	SLE_SISMA _UP	Min	0.0000	-663.1634	7-1	0.55314
7	1.10627	SLE_SISMA _UP	Min	0.0000	-521.2860	7-1	1.10627
7	0.00000	SLU_SISMA _DOWN	Max	0.0000	0.0000	7-1	0.00000
7	0.55314	SLU_SISMA _DOWN	Max	0.0000	0.0000	7-1	0.55314
7	1.10627	SLU_SISMA _DOWN	Max	0.0000	0.0000	7-1	1.10627
7	0.00000	SLU_SISMA _DOWN	Min	0.0000	-597.8890	7-1	0.00000
7	0.55314	SLU_SISMA _DOWN	Min	0.0000	-397.8435	7-1	0.55314
7	1.10627	SLU_SISMA _DOWN	Min	0.0000	-243.5284	7-1	1.10627
7	0.00000	SLU_SISMA _UP	Max	0.0000	0.0000	7-1	0.00000
7	0.55314	SLU_SISMA _UP	Max	0.0000	0.0000	7-1	0.55314
7	1.10627	SLU_SISMA _UP	Max	0.0000	35.1911	7-1	1.10627
7	0.00000	SLU_SISMA _UP	Min	0.0000	-214.6623	7-1	0.00000
7	0.55314	SLU_SISMA _UP	Min	0.0000	-68.2362	7-1	0.55314
7	1.10627	SLU_SISMA _UP	Min	0.0000	0.0000	7-1	1.10627
8	0.00000	SLE	Max	0.0000	0.0000	8-1	0.00000
8	0.55314	SLE	Max	0.0000	0.0000	8-1	0.55314
8	1.10627	SLE	Max	0.0000	0.0000	8-1	1.10627
8	0.00000	SLE	Min	0.0000	-819.3790	8-1	0.00000
8	0.55314	SLE	Min	0.0000	-625.1905	8-1	0.55314
8	1.10627	SLE	Min	0.0000	-467.2876	8-1	1.10627
8	0.00000	SLE_SISMA _DOWN	Max	0.0000	0.0000	8-1	0.00000
8	0.55314	SLE_SISMA _DOWN	Max	0.0000	0.0000	8-1	0.55314
8	1.10627	SLE_SISMA _DOWN	Max	0.0000	0.0000	8-1	1.10627
8	0.00000	SLE_SISMA _DOWN	Min	0.0000	-642.7443	8-1	0.00000
8	0.55314	SLE_SISMA _DOWN	Min	0.0000	-438.7478	8-1	0.55314
8	1.10627	SLE_SISMA _DOWN	Min	0.0000	-274.3845	8-1	1.10627
8	0.00000	SLE_SISMA _UP	Max	0.0000	0.0000	8-1	0.00000
8	0.55314	SLE_SISMA _UP	Max	0.0000	0.0000	8-1	0.55314
8	1.10627	SLE_SISMA _UP	Max	0.0000	0.0000	8-1	1.10627

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem	ElemStation m
8	0.00000	SLE_SISMA _UP	Min	0.0000	-521.2860	8-1	0.00000
8	0.55314	SLE_SISMA _UP	Min	0.0000	-342.1528	8-1	0.55314
8	1.10627	SLE_SISMA _UP	Min	0.0000	-200.8882	8-1	1.10627
8	0.00000	SLU_SISMA _DOWN	Max	0.0000	0.0000	8-1	0.00000
8	0.55314	SLU_SISMA _DOWN	Max	0.0000	0.0000	8-1	0.55314
8	1.10627	SLU_SISMA _DOWN	Max	0.0000	84.5556	8-1	1.10627
8	0.00000	SLU_SISMA _DOWN	Min	0.0000	-243.5284	8-1	0.00000
8	0.55314	SLU_SISMA _DOWN	Min	0.0000	-55.7253	8-1	0.55314
8	1.10627	SLU_SISMA _DOWN	Min	0.0000	0.0000	8-1	1.10627
8	0.00000	SLU_SISMA _UP	Max	0.0000	35.1911	8-1	0.00000
8	0.55314	SLU_SISMA _UP	Max	0.0000	162.5806	8-1	0.55314
8	1.10627	SLU_SISMA _UP	Max	0.0000	246.7020	8-1	1.10627
8	0.00000	SLU_SISMA _UP	Min	0.0000	0.0000	8-1	0.00000
8	0.55314	SLU_SISMA _UP	Min	0.0000	0.0000	8-1	0.55314
8	1.10627	SLU_SISMA _UP	Min	0.0000	0.0000	8-1	1.10627
9	0.00000	SLE	Max	0.0000	0.0000	9-1	0.00000
9	0.55314	SLE	Max	0.0000	0.0000	9-1	0.55314
9	1.10627	SLE	Max	0.0000	0.0000	9-1	1.10627
9	0.00000	SLE	Min	0.0000	-467.2876	9-1	0.00000
9	0.55314	SLE	Min	0.0000	-276.8925	9-1	0.55314
9	1.10627	SLE	Min	0.0000	-123.4553	9-1	1.10627
9	0.00000	SLE_SISMA _DOWN	Max	0.0000	0.0000	9-1	0.00000
9	0.55314	SLE_SISMA _DOWN	Max	0.0000	0.0000	9-1	0.55314
9	1.10627	SLE_SISMA _DOWN	Max	0.0000	69.2368	9-1	1.10627
9	0.00000	SLE_SISMA _DOWN	Min	0.0000	-274.3845	9-1	0.00000
9	0.55314	SLE_SISMA _DOWN	Min	0.0000	-82.5892	9-1	0.55314
9	1.10627	SLE_SISMA _DOWN	Min	0.0000	0.0000	9-1	1.10627
9	0.00000	SLE_SISMA _UP	Max	0.0000	0.0000	9-1	0.00000
9	0.55314	SLE_SISMA _UP	Max	0.0000	0.0000	9-1	0.55314
9	1.10627	SLE_SISMA _UP	Max	0.0000	94.3626	9-1	1.10627
9	0.00000	SLE_SISMA _UP	Min	0.0000	-200.8882	9-1	0.00000
9	0.55314	SLE_SISMA _UP	Min	0.0000	-34.3287	9-1	0.55314
9	1.10627	SLE_SISMA _UP	Min	0.0000	0.0000	9-1	1.10627
9	0.00000	SLU_SISMA _DOWN	Max	0.0000	84.5556	9-1	0.00000
9	0.55314	SLU_SISMA _DOWN	Max	0.0000	246.8323	9-1	0.55314

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem	ElemStation m
9	1.10627	SLU_SISMA _DOWN	Max	0.0000	362.6287	9-1	1.10627
9	0.00000	SLU_SISMA _DOWN	Min	0.0000	0.0000	9-1	0.00000
9	0.55314	SLU_SISMA _DOWN	Min	0.0000	0.0000	9-1	0.55314
9	1.10627	SLU_SISMA _DOWN	Min	0.0000	0.0000	9-1	1.10627
9	0.00000	SLU_SISMA _UP	Max	0.0000	246.7020	9-1	0.00000
9	0.55314	SLU_SISMA _UP	Max	0.0000	348.0123	9-1	0.55314
9	1.10627	SLU_SISMA _UP	Max	0.0000	407.9308	9-1	1.10627
9	0.00000	SLU_SISMA _UP	Min	0.0000	0.0000	9-1	0.00000
9	0.55314	SLU_SISMA _UP	Min	0.0000	0.0000	9-1	0.55314
9	1.10627	SLU_SISMA _UP	Min	0.0000	0.0000	9-1	1.10627
10	0.00000	SLE	Max	0.0000	0.0000	10-1	0.00000
10	0.55314	SLE	Max	0.0000	51.5459	10-1	0.55314
10	1.10627	SLE	Max	0.0000	189.9170	10-1	1.10627
10	0.00000	SLE	Min	0.0000	-123.4553	10-1	0.00000
10	0.55314	SLE	Min	0.0000	0.0000	10-1	0.55314
10	1.10627	SLE	Min	0.0000	0.0000	10-1	1.10627
10	0.00000	SLE_SISMA _DOWN	Max	0.0000	69.2368	10-1	0.00000
10	0.55314	SLE_SISMA _DOWN	Max	0.0000	238.1112	10-1	0.55314
10	1.10627	SLE_SISMA _DOWN	Max	0.0000	367.7785	10-1	1.10627
10	0.00000	SLE_SISMA _DOWN	Min	0.0000	0.0000	10-1	0.00000
10	0.55314	SLE_SISMA _DOWN	Min	0.0000	0.0000	10-1	0.55314
10	1.10627	SLE_SISMA _DOWN	Min	0.0000	0.0000	10-1	1.10627
10	0.00000	SLE_SISMA _UP	Max	0.0000	94.3626	10-1	0.00000
10	0.55314	SLE_SISMA _UP	Max	0.0000	239.5577	10-1	0.55314
10	1.10627	SLE_SISMA _UP	Max	0.0000	347.8391	10-1	1.10627
10	0.00000	SLE_SISMA _UP	Min	0.0000	0.0000	10-1	0.00000
10	0.55314	SLE_SISMA _UP	Min	0.0000	0.0000	10-1	0.55314
10	1.10627	SLE_SISMA _UP	Min	0.0000	0.0000	10-1	1.10627
10	0.00000	SLU_SISMA _DOWN	Max	0.0000	362.6287	10-1	0.00000
10	0.55314	SLU_SISMA _DOWN	Max	0.0000	493.0424	10-1	0.55314
10	1.10627	SLU_SISMA _DOWN	Max	0.0000	579.1184	10-1	1.10627
10	0.00000	SLU_SISMA _DOWN	Min	0.0000	0.0000	10-1	0.00000
10	0.55314	SLU_SISMA _DOWN	Min	0.0000	0.0000	10-1	0.55314
10	1.10627	SLU_SISMA _DOWN	Min	0.0000	0.0000	10-1	1.10627
10	0.00000	SLU_SISMA _UP	Max	0.0000	407.9308	10-1	0.00000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem	ElemStation m
10	0.55314	SLU_SISMA _UP	Max	0.0000	481.5359	10-1	0.55314
10	1.10627	SLU_SISMA _UP	Max	0.0000	516.3796	10-1	1.10627
10	0.00000	SLU_SISMA _UP	Min	0.0000	0.0000	10-1	0.00000
10	0.55314	SLU_SISMA _UP	Min	0.0000	0.0000	10-1	0.55314
10	1.10627	SLU_SISMA _UP	Min	0.0000	0.0000	10-1	1.10627
11	0.00000	SLE	Max	0.0000	189.9170	11-1	0.00000
11	0.55314	SLE	Max	0.0000	340.7414	11-1	0.55314
11	1.10627	SLE	Max	0.0000	454.9465	11-1	1.10627
11	0.00000	SLE	Min	0.0000	0.0000	11-1	0.00000
11	0.55314	SLE	Min	0.0000	0.0000	11-1	0.55314
11	1.10627	SLE	Min	0.0000	0.0000	11-1	1.10627
11	0.00000	SLE_SISMA _DOWN	Max	0.0000	367.7785	11-1	0.00000
11	0.55314	SLE_SISMA _DOWN	Max	0.0000	506.2067	11-1	0.55314
11	1.10627	SLE_SISMA _DOWN	Max	0.0000	605.8485	11-1	1.10627
11	0.00000	SLE_SISMA _DOWN	Min	0.0000	0.0000	11-1	0.00000
11	0.55314	SLE_SISMA _DOWN	Min	0.0000	0.0000	11-1	0.55314
11	1.10627	SLE_SISMA _DOWN	Min	0.0000	0.0000	11-1	1.10627
11	0.00000	SLE_SISMA _UP	Max	0.0000	347.8391	11-1	0.00000
11	0.55314	SLE_SISMA _UP	Max	0.0000	465.6914	11-1	0.55314
11	1.10627	SLE_SISMA _UP	Max	0.0000	547.2400	11-1	1.10627
11	0.00000	SLE_SISMA _UP	Min	0.0000	0.0000	11-1	0.00000
11	0.55314	SLE_SISMA _UP	Min	0.0000	0.0000	11-1	0.55314
11	1.10627	SLE_SISMA _UP	Min	0.0000	0.0000	11-1	1.10627
11	0.00000	SLU_SISMA _DOWN	Max	0.0000	579.1184	11-1	0.00000
11	0.55314	SLU_SISMA _DOWN	Max	0.0000	674.6583	11-1	0.55314
11	1.10627	SLU_SISMA _DOWN	Max	0.0000	727.4640	11-1	1.10627
11	0.00000	SLU_SISMA _DOWN	Min	0.0000	0.0000	11-1	0.00000
11	0.55314	SLU_SISMA _DOWN	Min	0.0000	0.0000	11-1	0.55314
11	1.10627	SLU_SISMA _DOWN	Min	0.0000	0.0000	11-1	1.10627
11	0.00000	SLU_SISMA _UP	Max	0.0000	516.3796	11-1	0.00000
11	0.55314	SLU_SISMA _UP	Max	0.0000	563.0461	11-1	0.55314
11	1.10627	SLU_SISMA _UP	Max	0.0000	573.0244	11-1	1.10627
11	0.00000	SLU_SISMA _UP	Min	0.0000	0.0000	11-1	0.00000
11	0.55314	SLU_SISMA _UP	Min	0.0000	0.0000	11-1	0.55314
11	1.10627	SLU_SISMA _UP	Min	0.0000	0.0000	11-1	1.10627

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem	ElemStation m
12	0.00000	SLE	Max	0.0000	454.9465	12-1	0.00000
12	0.55314	SLE	Max	0.0000	573.8387	12-1	0.55314
12	1.10627	SLE	Max	0.0000	655.8884	12-1	1.10627
12	0.00000	SLE	Min	0.0000	0.0000	12-1	0.00000
12	0.55314	SLE	Min	0.0000	0.0000	12-1	0.55314
12	1.10627	SLE	Min	0.0000	0.0000	12-1	1.10627
12	0.00000	SLE_SISMA _DOWN	Max	0.0000	605.8485	12-1	0.00000
12	0.55314	SLE_SISMA _DOWN	Max	0.0000	707.4186	12-1	0.55314
12	1.10627	SLE_SISMA _DOWN	Max	0.0000	770.3224	12-1	1.10627
12	0.00000	SLE_SISMA _DOWN	Min	0.0000	0.0000	12-1	0.00000
12	0.55314	SLE_SISMA _DOWN	Min	0.0000	0.0000	12-1	0.55314
12	1.10627	SLE_SISMA _DOWN	Min	0.0000	0.0000	12-1	1.10627
12	0.00000	SLE_SISMA _UP	Max	0.0000	547.2400	12-1	0.00000
12	0.55314	SLE_SISMA _UP	Max	0.0000	632.6773	12-1	0.55314
12	1.10627	SLE_SISMA _UP	Max	0.0000	682.1027	12-1	1.10627
12	0.00000	SLE_SISMA _UP	Min	0.0000	0.0000	12-1	0.00000
12	0.55314	SLE_SISMA _UP	Min	0.0000	0.0000	12-1	0.55314
12	1.10627	SLE_SISMA _UP	Min	0.0000	0.0000	12-1	1.10627
12	0.00000	SLU_SISMA _DOWN	Max	0.0000	727.4640	12-1	0.00000
12	0.55314	SLU_SISMA _DOWN	Max	0.0000	785.8090	12-1	0.55314
12	1.10627	SLU_SISMA _DOWN	Max	0.0000	802.4591	12-1	1.10627
12	0.00000	SLU_SISMA _DOWN	Min	0.0000	0.0000	12-1	0.00000
12	0.55314	SLU_SISMA _DOWN	Min	0.0000	0.0000	12-1	0.55314
12	1.10627	SLU_SISMA _DOWN	Min	0.0000	0.0000	12-1	1.10627
12	0.00000	SLU_SISMA _UP	Max	0.0000	573.0244	12-1	0.00000
12	0.55314	SLU_SISMA _UP	Max	0.0000	593.6743	12-1	0.55314
12	1.10627	SLU_SISMA _UP	Max	0.0000	579.0929	12-1	1.10627
12	0.00000	SLU_SISMA _UP	Min	0.0000	0.0000	12-1	0.00000
12	0.55314	SLU_SISMA _UP	Min	0.0000	0.0000	12-1	0.55314
12	1.10627	SLU_SISMA _UP	Min	0.0000	0.0000	12-1	1.10627
13	0.00000	SLE	Max	0.0000	655.8884	13-1	0.00000
13	0.55314	SLE	Max	0.0000	736.9128	13-1	0.55314
13	1.10627	SLE	Max	0.0000	781.0323	13-1	1.10627
13	0.00000	SLE	Min	0.0000	0.0000	13-1	0.00000
13	0.55314	SLE	Min	0.0000	0.0000	13-1	0.55314
13	1.10627	SLE	Min	0.0000	0.0000	13-1	1.10627
13	0.00000	SLE_SISMA _DOWN	Max	0.0000	770.3224	13-1	0.00000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem	ElemStation m
13	0.55314	SLE_SISMA _DOWN	Max	0.0000	830.3929	13-1	0.55314
13	1.10627	SLE_SISMA _DOWN	Max	0.0000	851.9930	13-1	1.10627
13	0.00000	SLE_SISMA _DOWN	Min	0.0000	0.0000	13-1	0.00000
13	0.55314	SLE_SISMA _DOWN	Min	0.0000	0.0000	13-1	0.55314
13	1.10627	SLE_SISMA _DOWN	Min	0.0000	0.0000	13-1	1.10627
13	0.00000	SLE_SISMA _UP	Max	0.0000	682.1027	13-1	0.00000
13	0.55314	SLE_SISMA _UP	Max	0.0000	731.5064	13-1	0.55314
13	1.10627	SLE_SISMA _UP	Max	0.0000	745.2007	13-1	1.10627
13	0.00000	SLE_SISMA _UP	Min	0.0000	0.0000	13-1	0.00000
13	0.55314	SLE_SISMA _UP	Min	0.0000	0.0000	13-1	0.55314
13	1.10627	SLE_SISMA _UP	Min	0.0000	0.0000	13-1	1.10627
13	0.00000	SLU_SISMA _DOWN	Max	0.0000	802.4591	13-1	0.00000
13	0.55314	SLU_SISMA _DOWN	Max	0.0000	822.3677	13-1	0.55314
13	1.10627	SLU_SISMA _DOWN	Max	0.0000	801.4170	13-1	1.10627
13	0.00000	SLU_SISMA _DOWN	Min	0.0000	0.0000	13-1	0.00000
13	0.55314	SLU_SISMA _DOWN	Min	0.0000	0.0000	13-1	0.55314
13	1.10627	SLU_SISMA _DOWN	Min	0.0000	0.0000	13-1	1.10627
13	0.00000	SLU_SISMA _UP	Max	0.0000	579.0929	13-1	0.00000
13	0.55314	SLU_SISMA _UP	Max	0.0000	574.9348	13-1	0.55314
13	1.10627	SLU_SISMA _UP	Max	0.0000	536.6390	13-1	1.10627
13	0.00000	SLU_SISMA _UP	Min	0.0000	0.0000	13-1	0.00000
13	0.55314	SLU_SISMA _UP	Min	0.0000	0.0000	13-1	0.55314
13	1.10627	SLU_SISMA _UP	Min	0.0000	0.0000	13-1	1.10627
14	0.00000	SLE	Max	0.0000	781.0323	14-1	0.00000
14	0.55314	SLE	Max	0.0000	820.7130	14-1	0.55314
14	1.10627	SLE	Max	0.0000	823.4991	14-1	1.10627
14	0.00000	SLE	Min	0.0000	0.0000	14-1	0.00000
14	0.55314	SLE	Min	0.0000	0.0000	14-1	0.55314
14	1.10627	SLE	Min	0.0000	0.0000	14-1	1.10627
14	0.00000	SLE_SISMA _DOWN	Max	0.0000	851.9930	14-1	0.00000
14	0.55314	SLE_SISMA _DOWN	Max	0.0000	868.2174	14-1	0.55314
14	1.10627	SLE_SISMA _DOWN	Max	0.0000	846.1216	14-1	1.10627
14	0.00000	SLE_SISMA _DOWN	Min	0.0000	0.0000	14-1	0.00000
14	0.55314	SLE_SISMA _DOWN	Min	0.0000	0.0000	14-1	0.55314
14	1.10627	SLE_SISMA _DOWN	Min	0.0000	0.0000	14-1	1.10627

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem	ElemStation m
14	0.00000	SLE_SISMA _UP	Max	0.0000	745.2007	14-1	0.00000
14	0.55314	SLE_SISMA _UP	Max	0.0000	756.8446	14-1	0.55314
14	1.10627	SLE_SISMA _UP	Max	0.0000	732.9779	14-1	1.10627
14	0.00000	SLE_SISMA _UP	Min	0.0000	0.0000	14-1	0.00000
14	0.55314	SLE_SISMA _UP	Min	0.0000	0.0000	14-1	0.55314
14	1.10627	SLE_SISMA _UP	Min	0.0000	0.0000	14-1	1.10627
14	0.00000	SLU_SISMA _DOWN	Max	0.0000	801.4170	14-1	0.00000
14	0.55314	SLU_SISMA _DOWN	Max	0.0000	783.0689	14-1	0.55314
14	1.10627	SLU_SISMA _DOWN	Max	0.0000	724.3403	14-1	1.10627
14	0.00000	SLU_SISMA _DOWN	Min	0.0000	0.0000	14-1	0.00000
14	0.55314	SLU_SISMA _DOWN	Min	0.0000	0.0000	14-1	0.55314
14	1.10627	SLU_SISMA _DOWN	Min	0.0000	0.0000	14-1	1.10627
14	0.00000	SLU_SISMA _UP	Max	0.0000	536.6390	14-1	0.00000
14	0.55314	SLU_SISMA _UP	Max	0.0000	509.3127	14-1	0.55314
14	1.10627	SLU_SISMA _UP	Max	0.0000	448.4446	14-1	1.10627
14	0.00000	SLU_SISMA _UP	Min	0.0000	0.0000	14-1	0.00000
14	0.55314	SLU_SISMA _UP	Min	0.0000	0.0000	14-1	0.55314
14	1.10627	SLU_SISMA _UP	Min	0.0000	0.0000	14-1	1.10627
15	0.00000	SLE	Max	0.0000	823.4991	15-1	0.00000
15	0.55314	SLE	Max	0.0000	820.7130	15-1	0.55314
15	1.10627	SLE	Max	0.0000	781.0323	15-1	1.10627
15	0.00000	SLE	Min	0.0000	0.0000	15-1	0.00000
15	0.55314	SLE	Min	0.0000	0.0000	15-1	0.55314
15	1.10627	SLE	Min	0.0000	0.0000	15-1	1.10627
15	0.00000	SLE_SISMA _DOWN	Max	0.0000	846.1216	15-1	0.00000
15	0.55314	SLE_SISMA _DOWN	Max	0.0000	818.2505	15-1	0.55314
15	1.10627	SLE_SISMA _DOWN	Max	0.0000	752.1010	15-1	1.10627
15	0.00000	SLE_SISMA _DOWN	Min	0.0000	0.0000	15-1	0.00000
15	0.55314	SLE_SISMA _DOWN	Min	0.0000	0.0000	15-1	0.55314
15	1.10627	SLE_SISMA _DOWN	Min	0.0000	0.0000	15-1	1.10627
15	0.00000	SLE_SISMA _UP	Max	0.0000	732.9779	15-1	0.00000
15	0.55314	SLE_SISMA _UP	Max	0.0000	706.8329	15-1	0.55314
15	1.10627	SLE_SISMA _UP	Max	0.0000	645.2191	15-1	1.10627
15	0.00000	SLE_SISMA _UP	Min	0.0000	0.0000	15-1	0.00000
15	0.55314	SLE_SISMA _UP	Min	0.0000	0.0000	15-1	0.55314

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem	ElemStation m
15	1.10627	SLE_SISMA _UP	Min	0.0000	0.0000	15-1	1.10627
15	0.00000	SLU_SISMA _DOWN	Max	0.0000	724.3403	15-1	0.00000
15	0.55314	SLU_SISMA _DOWN	Max	0.0000	669.0185	15-1	0.55314
15	1.10627	SLU_SISMA _DOWN	Max	0.0000	573.4202	15-1	1.10627
15	0.00000	SLU_SISMA _DOWN	Min	0.0000	0.0000	15-1	0.00000
15	0.55314	SLU_SISMA _DOWN	Min	0.0000	0.0000	15-1	0.55314
15	1.10627	SLU_SISMA _DOWN	Min	0.0000	0.0000	15-1	1.10627
15	0.00000	SLU_SISMA _UP	Max	0.0000	448.4446	15-1	0.00000
15	0.55314	SLU_SISMA _UP	Max	0.0000	399.7143	15-1	0.55314
15	1.10627	SLU_SISMA _UP	Max	0.0000	317.5462	15-1	1.10627
15	0.00000	SLU_SISMA _UP	Min	0.0000	0.0000	15-1	0.00000
15	0.55314	SLU_SISMA _UP	Min	0.0000	0.0000	15-1	0.55314
15	1.10627	SLU_SISMA _UP	Min	0.0000	0.0000	15-1	1.10627
16	0.00000	SLE	Max	0.0000	781.0323	16-1	0.00000
16	0.55314	SLE	Max	0.0000	736.9128	16-1	0.55314
16	1.10627	SLE	Max	0.0000	655.8884	16-1	1.10627
16	0.00000	SLE	Min	0.0000	0.0000	16-1	0.00000
16	0.55314	SLE	Min	0.0000	0.0000	16-1	0.55314
16	1.10627	SLE	Min	0.0000	0.0000	16-1	1.10627
16	0.00000	SLE_SISMA _DOWN	Max	0.0000	752.1010	16-1	0.00000
16	0.55314	SLE_SISMA _DOWN	Max	0.0000	682.1772	16-1	0.55314
16	1.10627	SLE_SISMA _DOWN	Max	0.0000	574.1528	16-1	1.10627
16	0.00000	SLE_SISMA _DOWN	Min	0.0000	0.0000	16-1	0.00000
16	0.55314	SLE_SISMA _DOWN	Min	0.0000	0.0000	16-1	0.55314
16	1.10627	SLE_SISMA _DOWN	Min	0.0000	0.0000	16-1	1.10627
16	0.00000	SLE_SISMA _UP	Max	0.0000	645.2191	16-1	0.00000
16	0.55314	SLE_SISMA _UP	Max	0.0000	583.1574	16-1	0.55314
16	1.10627	SLE_SISMA _UP	Max	0.0000	485.7560	16-1	1.10627
16	0.00000	SLE_SISMA _UP	Min	0.0000	0.0000	16-1	0.00000
16	0.55314	SLE_SISMA _UP	Min	0.0000	0.0000	16-1	0.55314
16	1.10627	SLE_SISMA _UP	Min	0.0000	0.0000	16-1	1.10627
16	0.00000	SLU_SISMA _DOWN	Max	0.0000	573.4202	16-1	0.00000
16	0.55314	SLU_SISMA _DOWN	Max	0.0000	484.1563	16-1	0.55314
16	1.10627	SLU_SISMA _DOWN	Max	0.0000	354.9529	16-1	1.10627
16	0.00000	SLU_SISMA _DOWN	Min	0.0000	0.0000	16-1	0.00000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem	ElemStation m
16	0.55314	SLU_SISMA _DOWN	Min	0.0000	0.0000	16-1	0.55314
16	1.10627	SLU_SISMA _DOWN	Min	0.0000	0.0000	16-1	1.10627
16	0.00000	SLU_SISMA _UP	Max	0.0000	317.5462	16-1	0.00000
16	0.55314	SLU_SISMA _UP	Max	0.0000	249.9698	16-1	0.55314
16	1.10627	SLU_SISMA _UP	Max	0.0000	149.1754	16-1	1.10627
16	0.00000	SLU_SISMA _UP	Min	0.0000	0.0000	16-1	0.00000
16	0.55314	SLU_SISMA _UP	Min	0.0000	0.0000	16-1	0.55314
16	1.10627	SLU_SISMA _UP	Min	0.0000	0.0000	16-1	1.10627
17	0.00000	SLE	Max	0.0000	655.8884	17-1	0.00000
17	0.55314	SLE	Max	0.0000	573.8387	17-1	0.55314
17	1.10627	SLE	Max	0.0000	454.9465	17-1	1.10627
17	0.00000	SLE	Min	0.0000	0.0000	17-1	0.00000
17	0.55314	SLE	Min	0.0000	0.0000	17-1	0.55314
17	1.10627	SLE	Min	0.0000	0.0000	17-1	1.10627
17	0.00000	SLE_SISMA _DOWN	Max	0.0000	574.1528	17-1	0.00000
17	0.55314	SLE_SISMA _DOWN	Max	0.0000	467.0392	17-1	0.55314
17	1.10627	SLE_SISMA _DOWN	Max	0.0000	322.2527	17-1	1.10627
17	0.00000	SLE_SISMA _DOWN	Min	0.0000	0.0000	17-1	0.00000
17	0.55314	SLE_SISMA _DOWN	Min	0.0000	0.0000	17-1	0.55314
17	1.10627	SLE_SISMA _DOWN	Min	0.0000	0.0000	17-1	1.10627
17	0.00000	SLE_SISMA _UP	Max	0.0000	485.7560	17-1	0.00000
17	0.55314	SLE_SISMA _UP	Max	0.0000	392.0793	17-1	0.55314
17	1.10627	SLE_SISMA _UP	Max	0.0000	263.3841	17-1	1.10627
17	0.00000	SLE_SISMA _UP	Min	0.0000	0.0000	17-1	0.00000
17	0.55314	SLE_SISMA _UP	Min	0.0000	0.0000	17-1	0.55314
17	1.10627	SLE_SISMA _UP	Min	0.0000	0.0000	17-1	1.10627
17	0.00000	SLU_SISMA _DOWN	Max	0.0000	354.9529	17-1	0.00000
17	0.55314	SLU_SISMA _DOWN	Max	0.0000	237.8248	17-1	0.55314
17	1.10627	SLU_SISMA _DOWN	Max	0.0000	81.4734	17-1	1.10627
17	0.00000	SLU_SISMA _DOWN	Min	0.0000	0.0000	17-1	0.00000
17	0.55314	SLU_SISMA _DOWN	Min	0.0000	0.0000	17-1	0.55314
17	1.10627	SLU_SISMA _DOWN	Min	0.0000	0.0000	17-1	1.10627
17	0.00000	SLU_SISMA _UP	Max	0.0000	149.1754	17-1	0.00000
17	0.55314	SLU_SISMA _UP	Max	0.0000	67.4046	17-1	0.55314
17	1.10627	SLU_SISMA _UP	Max	0.0000	0.0000	17-1	1.10627

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem	ElemStation m
17	0.00000	SLU_SISMA _UP	Min	0.0000	0.0000	17-1	0.00000
17	0.55314	SLU_SISMA _UP	Min	0.0000	0.0000	17-1	0.55314
17	1.10627	SLU_SISMA _UP	Min	0.0000	-47.1258	17-1	1.10627
18	0.00000	SLE	Max	0.0000	454.9465	18-1	0.00000
18	0.55314	SLE	Max	0.0000	340.7414	18-1	0.55314
18	1.10627	SLE	Max	0.0000	189.9170	18-1	1.10627
18	0.00000	SLE	Min	0.0000	0.0000	18-1	0.00000
18	0.55314	SLE	Min	0.0000	0.0000	18-1	0.55314
18	1.10627	SLE	Min	0.0000	0.0000	18-1	1.10627
18	0.00000	SLE_SISMA _DOWN	Max	0.0000	322.2527	18-1	0.00000
18	0.55314	SLE_SISMA _DOWN	Max	0.0000	185.7063	18-1	0.55314
18	1.10627	SLE_SISMA _DOWN	Max	0.0000	12.2251	18-1	1.10627
18	0.00000	SLE_SISMA _DOWN	Min	0.0000	0.0000	18-1	0.00000
18	0.55314	SLE_SISMA _DOWN	Min	0.0000	0.0000	18-1	0.55314
18	1.10627	SLE_SISMA _DOWN	Min	0.0000	0.0000	18-1	1.10627
18	0.00000	SLE_SISMA _UP	Max	0.0000	263.3841	18-1	0.00000
18	0.55314	SLE_SISMA _UP	Max	0.0000	144.8925	18-1	0.55314
18	1.10627	SLE_SISMA _UP	Max	0.0000	0.0000	18-1	1.10627
18	0.00000	SLE_SISMA _UP	Min	0.0000	0.0000	18-1	0.00000
18	0.55314	SLE_SISMA _UP	Min	0.0000	0.0000	18-1	0.55314
18	1.10627	SLE_SISMA _UP	Min	0.0000	-8.0510	18-1	1.10627
18	0.00000	SLU_SISMA _DOWN	Max	0.0000	81.4734	18-1	0.00000
18	0.55314	SLU_SISMA _DOWN	Max	0.0000	0.0000	18-1	0.55314
18	1.10627	SLU_SISMA _DOWN	Max	0.0000	0.0000	18-1	1.10627
18	0.00000	SLU_SISMA _DOWN	Min	0.0000	0.0000	18-1	0.00000
18	0.55314	SLU_SISMA _DOWN	Min	0.0000	-54.3673	18-1	0.55314
18	1.10627	SLU_SISMA _DOWN	Min	0.0000	-228.3347	18-1	1.10627
18	0.00000	SLU_SISMA _UP	Max	0.0000	0.0000	18-1	0.00000
18	0.55314	SLU_SISMA _UP	Max	0.0000	0.0000	18-1	0.55314
18	1.10627	SLU_SISMA _UP	Max	0.0000	0.0000	18-1	1.10627
18	0.00000	SLU_SISMA _UP	Min	0.0000	-47.1258	18-1	0.00000
18	0.55314	SLU_SISMA _UP	Min	0.0000	-136.3314	18-1	0.55314
18	1.10627	SLU_SISMA _UP	Min	0.0000	-257.6177	18-1	1.10627
19	0.00000	SLE	Max	0.0000	189.9170	19-1	0.00000
19	0.55314	SLE	Max	0.0000	51.5459	19-1	0.55314
19	1.10627	SLE	Max	0.0000	0.0000	19-1	1.10627
19	0.00000	SLE	Min	0.0000	0.0000	19-1	0.00000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem	ElemStation m
19	0.55314	SLE	Min	0.0000	0.0000	19-1	0.55314
19	1.10627	SLE	Min	0.0000	-123.4553	19-1	1.10627
19	0.00000	SLE_SISMA _DOWN	Max	0.0000	12.2251	19-1	0.00000
19	0.55314	SLE_SISMA _DOWN	Max	0.0000	0.0000	19-1	0.55314
19	1.10627	SLE_SISMA _DOWN	Max	0.0000	0.0000	19-1	1.10627
19	0.00000	SLE_SISMA _DOWN	Min	0.0000	0.0000	19-1	0.00000
19	0.55314	SLE_SISMA _DOWN	Min	0.0000	-143.4182	19-1	0.55314
19	1.10627	SLE_SISMA _DOWN	Min	0.0000	-335.4079	19-1	1.10627
19	0.00000	SLE_SISMA _UP	Max	0.0000	0.0000	19-1	0.00000
19	0.55314	SLE_SISMA _UP	Max	0.0000	0.0000	19-1	0.55314
19	1.10627	SLE_SISMA _UP	Max	0.0000	0.0000	19-1	1.10627
19	0.00000	SLE_SISMA _UP	Min	0.0000	-8.0510	19-1	0.00000
19	0.55314	SLE_SISMA _UP	Min	0.0000	-142.3427	19-1	0.55314
19	1.10627	SLE_SISMA _UP	Min	0.0000	-310.6873	19-1	1.10627
19	0.00000	SLU_SISMA _DOWN	Max	0.0000	0.0000	19-1	0.00000
19	0.55314	SLU_SISMA _DOWN	Max	0.0000	0.0000	19-1	0.55314
19	1.10627	SLU_SISMA _DOWN	Max	0.0000	0.0000	19-1	1.10627
19	0.00000	SLU_SISMA _DOWN	Min	0.0000	-228.3347	19-1	0.00000
19	0.55314	SLU_SISMA _DOWN	Min	0.0000	-371.2032	19-1	0.55314
19	1.10627	SLU_SISMA _DOWN	Min	0.0000	-551.2908	19-1	1.10627
19	0.00000	SLU_SISMA _UP	Max	0.0000	0.0000	19-1	0.00000
19	0.55314	SLU_SISMA _UP	Max	0.0000	0.0000	19-1	0.55314
19	1.10627	SLU_SISMA _UP	Max	0.0000	0.0000	19-1	1.10627
19	0.00000	SLU_SISMA _UP	Min	0.0000	-257.6177	19-1	0.00000
19	0.55314	SLU_SISMA _UP	Min	0.0000	-345.8581	19-1	0.55314
19	1.10627	SLU_SISMA _UP	Min	0.0000	-465.7413	19-1	1.10627
20	0.00000	SLE	Max	0.0000	0.0000	20-1	0.00000
20	0.55314	SLE	Max	0.0000	0.0000	20-1	0.55314
20	1.10627	SLE	Max	0.0000	0.0000	20-1	1.10627
20	0.00000	SLE	Min	0.0000	-123.4553	20-1	0.00000
20	0.55314	SLE	Min	0.0000	-276.8925	20-1	0.55314
20	1.10627	SLE	Min	0.0000	-467.2876	20-1	1.10627
20	0.00000	SLE_SISMA _DOWN	Max	0.0000	0.0000	20-1	0.00000
20	0.55314	SLE_SISMA _DOWN	Max	0.0000	0.0000	20-1	0.55314
20	1.10627	SLE_SISMA _DOWN	Max	0.0000	0.0000	20-1	1.10627
20	0.00000	SLE_SISMA _DOWN	Min	0.0000	-335.4079	20-1	0.00000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem	ElemStation m
20	0.55314	SLE_SISMA _DOWN	Min	0.0000	-498.5849	20-1	0.55314
20	1.10627	SLE_SISMA _DOWN	Min	0.0000	-697.8095	20-1	1.10627
20	0.00000	SLE_SISMA _UP	Max	0.0000	0.0000	20-1	0.00000
20	0.55314	SLE_SISMA _UP	Max	0.0000	0.0000	20-1	0.55314
20	1.10627	SLE_SISMA _UP	Max	0.0000	0.0000	20-1	1.10627
20	0.00000	SLE_SISMA _UP	Min	0.0000	-310.6873	20-1	0.00000
20	0.55314	SLE_SISMA _UP	Min	0.0000	-450.7588	20-1	0.55314
20	1.10627	SLE_SISMA _UP	Min	0.0000	-624.7768	20-1	1.10627
20	0.00000	SLU_SISMA _DOWN	Max	0.0000	0.0000	20-1	0.00000
20	0.55314	SLU_SISMA _DOWN	Max	0.0000	0.0000	20-1	0.55314
20	1.10627	SLU_SISMA _DOWN	Max	0.0000	0.0000	20-1	1.10627
20	0.00000	SLU_SISMA _DOWN	Min	0.0000	-551.2908	20-1	0.00000
20	0.55314	SLU_SISMA _DOWN	Min	0.0000	-688.6320	20-1	0.55314
20	1.10627	SLU_SISMA _DOWN	Min	0.0000	-862.6949	20-1	1.10627
20	0.00000	SLU_SISMA _UP	Max	0.0000	0.0000	20-1	0.00000
20	0.55314	SLU_SISMA _UP	Max	0.0000	0.0000	20-1	0.55314
20	1.10627	SLU_SISMA _UP	Max	0.0000	0.0000	20-1	1.10627
20	0.00000	SLU_SISMA _UP	Min	0.0000	-465.7413	20-1	0.00000
20	0.55314	SLU_SISMA _UP	Min	0.0000	-544.3044	20-1	0.55314
20	1.10627	SLU_SISMA _UP	Min	0.0000	-654.5005	20-1	1.10627
21	0.00000	SLE	Max	0.0000	0.0000	21-1	0.00000
21	0.55314	SLE	Max	0.0000	0.0000	21-1	0.55314
21	1.10627	SLE	Max	0.0000	0.0000	21-1	1.10627
21	0.00000	SLE	Min	0.0000	-467.2876	21-1	0.00000
21	0.55314	SLE	Min	0.0000	-625.1905	21-1	0.55314
21	1.10627	SLE	Min	0.0000	-819.3790	21-1	1.10627
21	0.00000	SLE_SISMA _DOWN	Max	0.0000	0.0000	21-1	0.00000
21	0.55314	SLE_SISMA _DOWN	Max	0.0000	0.0000	21-1	0.55314
21	1.10627	SLE_SISMA _DOWN	Max	0.0000	0.0000	21-1	1.10627
21	0.00000	SLE_SISMA _DOWN	Min	0.0000	-697.8095	21-1	0.00000
21	0.55314	SLE_SISMA _DOWN	Min	0.0000	-855.5237	21-1	0.55314
21	1.10627	SLE_SISMA _DOWN	Min	0.0000	-1047.9402	21-1	1.10627
21	0.00000	SLE_SISMA _UP	Max	0.0000	0.0000	21-1	0.00000
21	0.55314	SLE_SISMA _UP	Max	0.0000	0.0000	21-1	0.55314
21	1.10627	SLE_SISMA _UP	Max	0.0000	0.0000	21-1	1.10627

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem	ElemStation m
21	0.00000	SLE_SISMA _UP	Min	0.0000	-624.7768	21-1	0.00000
21	0.55314	SLE_SISMA _UP	Min	0.0000	-759.4157	21-1	0.55314
21	1.10627	SLE_SISMA _UP	Min	0.0000	-926.9925	21-1	1.10627
21	0.00000	SLU_SISMA _DOWN	Max	0.0000	0.0000	21-1	0.00000
21	0.55314	SLU_SISMA _DOWN	Max	0.0000	0.0000	21-1	0.55314
21	1.10627	SLU_SISMA _DOWN	Max	0.0000	0.0000	21-1	1.10627
21	0.00000	SLU_SISMA _DOWN	Min	0.0000	-862.6949	21-1	0.00000
21	0.55314	SLU_SISMA _DOWN	Min	0.0000	-981.0392	21-1	0.55314
21	1.10627	SLU_SISMA _DOWN	Min	0.0000	-1134.6361	21-1	1.10627
21	0.00000	SLU_SISMA _UP	Max	0.0000	0.0000	21-1	0.00000
21	0.55314	SLU_SISMA _UP	Max	0.0000	0.0000	21-1	0.55314
21	1.10627	SLU_SISMA _UP	Max	0.0000	0.0000	21-1	1.10627
21	0.00000	SLU_SISMA _UP	Min	0.0000	-654.5005	21-1	0.00000
21	0.55314	SLU_SISMA _UP	Min	0.0000	-714.3520	21-1	0.55314
21	1.10627	SLU_SISMA _UP	Min	0.0000	-805.2019	21-1	1.10627
22	0.00000	SLE	Max	0.0000	0.0000	22-1	0.00000
22	0.55314	SLE	Max	0.0000	0.0000	22-1	0.55314
22	1.10627	SLE	Max	0.0000	0.0000	22-1	1.10627
22	0.00000	SLE	Min	0.0000	-819.3790	22-1	0.00000
22	0.55314	SLE	Min	0.0000	-967.1081	22-1	0.55314
22	1.10627	SLE	Min	0.0000	-1148.0719	22-1	1.10627
22	0.00000	SLE_SISMA _DOWN	Max	0.0000	0.0000	22-1	0.00000
22	0.55314	SLE_SISMA _DOWN	Max	0.0000	0.0000	22-1	0.55314
22	1.10627	SLE_SISMA _DOWN	Max	0.0000	0.0000	22-1	1.10627
22	0.00000	SLE_SISMA _DOWN	Min	0.0000	-1047.9402	22-1	0.00000
22	0.55314	SLE_SISMA _DOWN	Min	0.0000	-1183.2849	22-1	0.55314
22	1.10627	SLE_SISMA _DOWN	Min	0.0000	-1349.5372	22-1	1.10627
22	0.00000	SLE_SISMA _UP	Max	0.0000	0.0000	22-1	0.00000
22	0.55314	SLE_SISMA _UP	Max	0.0000	0.0000	22-1	0.55314
22	1.10627	SLE_SISMA _UP	Max	0.0000	0.0000	22-1	1.10627
22	0.00000	SLE_SISMA _UP	Min	0.0000	-926.9925	22-1	0.00000
22	0.55314	SLE_SISMA _UP	Min	0.0000	-1041.5740	22-1	0.55314
22	1.10627	SLE_SISMA _UP	Min	0.0000	-1185.9280	22-1	1.10627
22	0.00000	SLU_SISMA _DOWN	Max	0.0000	0.0000	22-1	0.00000
22	0.55314	SLU_SISMA _DOWN	Max	0.0000	0.0000	22-1	0.55314

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem	ElemStation m
22	1.10627	SLU_SISMA _DOWN	Max	0.0000	0.0000	22-1	1.10627
22	0.00000	SLU_SISMA _DOWN	Min	0.0000	-1134.6361	22-1	0.00000
22	0.55314	SLU_SISMA _DOWN	Min	0.0000	-1219.1460	22-1	0.55314
22	1.10627	SLU_SISMA _DOWN	Min	0.0000	-1334.9807	22-1	1.10627
22	0.00000	SLU_SISMA _UP	Max	0.0000	0.0000	22-1	0.00000
22	0.55314	SLU_SISMA _UP	Max	0.0000	0.0000	22-1	0.55314
22	1.10627	SLU_SISMA _UP	Max	0.0000	0.0000	22-1	1.10627
22	0.00000	SLU_SISMA _UP	Min	0.0000	-805.2019	22-1	0.00000
22	0.55314	SLU_SISMA _UP	Min	0.0000	-841.4571	22-1	0.55314
22	1.10627	SLU_SISMA _UP	Min	0.0000	-906.3055	22-1	1.10627
23	0.00000	SLE	Max	0.0000	0.0000	23-1	0.00000
23	0.55314	SLE	Max	0.0000	0.0000	23-1	0.55314
23	1.10627	SLE	Max	0.0000	0.0000	23-1	1.10627
23	0.00000	SLE	Min	0.0000	-1148.0719	23-1	0.00000
23	0.55314	SLE	Min	0.0000	-1267.3022	23-1	0.55314
23	1.10627	SLE	Min	0.0000	-1416.8851	23-1	1.10627
23	0.00000	SLE_SISMA _DOWN	Max	0.0000	0.0000	23-1	0.00000
23	0.55314	SLE_SISMA _DOWN	Max	0.0000	0.0000	23-1	0.55314
23	1.10627	SLE_SISMA _DOWN	Max	0.0000	0.0000	23-1	1.10627
23	0.00000	SLE_SISMA _DOWN	Min	0.0000	-1349.5372	23-1	0.00000
23	0.55314	SLE_SISMA _DOWN	Min	0.0000	-1442.2520	23-1	0.55314
23	1.10627	SLE_SISMA _DOWN	Min	0.0000	-1562.3648	23-1	1.10627
23	0.00000	SLE_SISMA _UP	Max	0.0000	0.0000	23-1	0.00000
23	0.55314	SLE_SISMA _UP	Max	0.0000	0.0000	23-1	0.55314
23	1.10627	SLE_SISMA _UP	Max	0.0000	0.0000	23-1	1.10627
23	0.00000	SLE_SISMA _UP	Min	0.0000	-1185.9280	23-1	0.00000
23	0.55314	SLE_SISMA _UP	Min	0.0000	-1262.9373	23-1	0.55314
23	1.10627	SLE_SISMA _UP	Min	0.0000	-1366.8406	23-1	1.10627
23	0.00000	SLU_SISMA _DOWN	Max	0.0000	0.0000	23-1	0.00000
23	0.55314	SLU_SISMA _DOWN	Max	0.0000	0.0000	23-1	0.55314
23	1.10627	SLU_SISMA _DOWN	Max	0.0000	0.0000	23-1	1.10627
23	0.00000	SLU_SISMA _DOWN	Min	0.0000	-1334.9807	23-1	0.00000
23	0.55314	SLU_SISMA _DOWN	Min	0.0000	-1379.8795	23-1	0.55314
23	1.10627	SLU_SISMA _DOWN	Min	0.0000	-1452.6235	23-1	1.10627
23	0.00000	SLU_SISMA _UP	Max	0.0000	0.0000	23-1	0.00000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem	ElemStation m
23	0.55314	SLU_SISMA _UP	Max	0.0000	0.0000	23-1	0.55314
23	1.10627	SLU_SISMA _UP	Max	0.0000	0.0000	23-1	1.10627
23	0.00000	SLU_SISMA _UP	Min	0.0000	-906.3055	23-1	0.00000
23	0.55314	SLU_SISMA _UP	Min	0.0000	-921.3183	23-1	0.55314
23	1.10627	SLU_SISMA _UP	Min	0.0000	-962.9649	23-1	1.10627
24	0.00000	SLE	Max	0.0000	0.0000	24-1	0.00000
24	0.55314	SLE	Max	0.0000	0.0000	24-1	0.55314
24	1.10627	SLE	Max	0.0000	0.0000	24-1	1.10627
24	0.00000	SLE	Min	0.0000	-1416.8851	24-1	0.00000
24	0.55314	SLE	Min	0.0000	-1493.8849	24-1	0.55314
24	1.10627	SLE	Min	0.0000	-1600.5727	24-1	1.10627
24	0.00000	SLE_SISMA _DOWN	Max	0.0000	0.0000	24-1	0.00000
24	0.55314	SLE_SISMA _DOWN	Max	0.0000	0.0000	24-1	0.55314
24	1.10627	SLE_SISMA _DOWN	Max	0.0000	0.0000	24-1	1.10627
24	0.00000	SLE_SISMA _DOWN	Min	0.0000	-1562.3648	24-1	0.00000
24	0.55314	SLE_SISMA _DOWN	Min	0.0000	-1608.5956	24-1	0.55314
24	1.10627	SLE_SISMA _DOWN	Min	0.0000	-1681.1991	24-1	1.10627
24	0.00000	SLE_SISMA _UP	Max	0.0000	0.0000	24-1	0.00000
24	0.55314	SLE_SISMA _UP	Max	0.0000	0.0000	24-1	0.55314
24	1.10627	SLE_SISMA _UP	Max	0.0000	0.0000	24-1	1.10627
24	0.00000	SLE_SISMA _UP	Min	0.0000	-1366.8406	24-1	0.00000
24	0.55314	SLE_SISMA _UP	Min	0.0000	-1404.8108	24-1	0.55314
24	1.10627	SLE_SISMA _UP	Min	0.0000	-1469.0435	24-1	1.10627
24	0.00000	SLU_SISMA _DOWN	Max	0.0000	0.0000	24-1	0.00000
24	0.55314	SLU_SISMA _DOWN	Max	0.0000	0.0000	24-1	0.55314
24	1.10627	SLU_SISMA _DOWN	Max	0.0000	0.0000	24-1	1.10627
24	0.00000	SLU_SISMA _DOWN	Min	0.0000	-1452.6235	24-1	0.00000
24	0.55314	SLU_SISMA _DOWN	Min	0.0000	-1470.2812	24-1	0.55314
24	1.10627	SLU_SISMA _DOWN	Min	0.0000	-1515.0483	24-1	1.10627
24	0.00000	SLU_SISMA _UP	Max	0.0000	0.0000	24-1	0.00000
24	0.55314	SLU_SISMA _UP	Max	0.0000	0.0000	24-1	0.55314
24	1.10627	SLU_SISMA _UP	Max	0.0000	0.0000	24-1	1.10627
24	0.00000	SLU_SISMA _UP	Min	0.0000	-962.9649	24-1	0.00000
24	0.55314	SLU_SISMA _UP	Min	0.0000	-969.2292	24-1	0.55314
24	1.10627	SLU_SISMA _UP	Min	0.0000	-1002.3406	24-1	1.10627

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem	ElemStation m
25	0.00000	SLE	Max	0.0000	0.0000	25-1	0.00000
25	0.42395	SLE	Max	0.0000	0.0000	25-1	0.42395
25	0.84789	SLE	Max	0.0000	0.0000	25-1	0.84789
25	0.00000	SLE	Min	0.0000	-1600.5727	25-1	0.00000
25	0.42395	SLE	Min	0.0000	-1663.9460	25-1	0.42395
25	0.84789	SLE	Min	0.0000	-1745.6828	25-1	0.84789
25	0.00000	SLE_SISMA _DOWN	Max	0.0000	0.0000	25-1	0.00000
25	0.42395	SLE_SISMA _DOWN	Max	0.0000	0.0000	25-1	0.42395
25	0.84789	SLE_SISMA _DOWN	Max	0.0000	0.0000	25-1	0.84789
25	0.00000	SLE_SISMA _DOWN	Min	0.0000	-1681.1991	25-1	0.00000
25	0.42395	SLE_SISMA _DOWN	Min	0.0000	-1727.6040	25-1	0.42395
25	0.84789	SLE_SISMA _DOWN	Min	0.0000	-1790.3800	25-1	0.84789
25	0.00000	SLE_SISMA _UP	Max	0.0000	0.0000	25-1	0.00000
25	0.42395	SLE_SISMA _UP	Max	0.0000	0.0000	25-1	0.42395
25	0.84789	SLE_SISMA _UP	Max	0.0000	0.0000	25-1	0.84789
25	0.00000	SLE_SISMA _UP	Min	0.0000	-1469.0435	25-1	0.00000
25	0.42395	SLE_SISMA _UP	Min	0.0000	-1512.3120	25-1	0.42395
25	0.84789	SLE_SISMA _UP	Min	0.0000	-1571.9517	25-1	0.84789
25	0.00000	SLU_SISMA _DOWN	Max	0.0000	0.0000	25-1	0.00000
25	0.42395	SLU_SISMA _DOWN	Max	0.0000	0.0000	25-1	0.42395
25	0.84789	SLU_SISMA _DOWN	Max	0.0000	0.0000	25-1	0.84789
25	0.00000	SLU_SISMA _DOWN	Min	0.0000	-1515.0483	25-1	0.00000
25	0.42395	SLU_SISMA _DOWN	Min	0.0000	-1558.3669	25-1	0.42395
25	0.84789	SLU_SISMA _DOWN	Min	0.0000	-1618.7462	25-1	0.84789
25	0.00000	SLU_SISMA _UP	Max	0.0000	0.0000	25-1	0.00000
25	0.42395	SLU_SISMA _UP	Max	0.0000	0.0000	25-1	0.42395
25	0.84789	SLU_SISMA _UP	Max	0.0000	0.0000	25-1	0.84789
25	0.00000	SLU_SISMA _UP	Min	0.0000	-1002.3406	25-1	0.00000
25	0.42395	SLU_SISMA _UP	Min	0.0000	-1042.9743	25-1	0.42395
25	0.84789	SLU_SISMA _UP	Min	0.0000	-1100.6688	25-1	0.84789
26	0.00000	SLE	Max	0.0000	0.0000	26-1	0.00000
26	0.42395	SLE	Max	0.0000	0.0000	26-1	0.42395
26	0.84789	SLE	Max	0.0000	0.0000	26-1	0.84789
26	0.00000	SLE	Min	0.0000	-1745.6828	26-1	0.00000
26	0.42395	SLE	Min	0.0000	-1851.3266	26-1	0.42395
26	0.84789	SLE	Min	0.0000	-1976.6368	26-1	0.84789
26	0.00000	SLE_SISMA _DOWN	Max	0.0000	0.0000	26-1	0.00000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem	ElemStation m
26	0.42395	SLE_SISMA _DOWN	Max	0.0000	0.0000	26-1	0.42395
26	0.84789	SLE_SISMA _DOWN	Max	0.0000	0.0000	26-1	0.84789
26	0.00000	SLE_SISMA _DOWN	Min	0.0000	-1790.3800	26-1	0.00000
26	0.42395	SLE_SISMA _DOWN	Min	0.0000	-1888.1533	26-1	0.42395
26	0.84789	SLE_SISMA _DOWN	Min	0.0000	-2003.6006	26-1	0.84789
26	0.00000	SLE_SISMA _UP	Max	0.0000	0.0000	26-1	0.00000
26	0.42395	SLE_SISMA _UP	Max	0.0000	0.0000	26-1	0.42395
26	0.84789	SLE_SISMA _UP	Max	0.0000	0.0000	26-1	0.84789
26	0.00000	SLE_SISMA _UP	Min	0.0000	-1571.9517	26-1	0.00000
26	0.42395	SLE_SISMA _UP	Min	0.0000	-1666.3189	26-1	0.42395
26	0.84789	SLE_SISMA _UP	Min	0.0000	-1778.3603	26-1	0.84789
26	0.00000	SLU_SISMA _DOWN	Max	0.0000	0.0000	26-1	0.00000
26	0.42395	SLU_SISMA _DOWN	Max	0.0000	0.0000	26-1	0.42395
26	0.84789	SLU_SISMA _DOWN	Max	0.0000	0.0000	26-1	0.84789
26	0.00000	SLU_SISMA _DOWN	Min	0.0000	-1618.7462	26-1	0.00000
26	0.42395	SLU_SISMA _DOWN	Min	0.0000	-1734.0288	26-1	0.42395
26	0.84789	SLU_SISMA _DOWN	Min	0.0000	-1867.9343	26-1	0.84789
26	0.00000	SLU_SISMA _UP	Max	0.0000	0.0000	26-1	0.00000
26	0.42395	SLU_SISMA _UP	Max	0.0000	0.0000	26-1	0.42395
26	0.84789	SLU_SISMA _UP	Max	0.0000	0.0000	26-1	0.84789
26	0.00000	SLU_SISMA _UP	Min	0.0000	-1100.6688	26-1	0.00000
26	0.42395	SLU_SISMA _UP	Min	0.0000	-1211.2511	26-1	0.42395
26	0.84789	SLU_SISMA _UP	Min	0.0000	-1340.4563	26-1	0.84789
27	0.00000	SLE	Max	0.0000	0.0000	27-1	0.00000
27	0.42395	SLE	Max	0.0000	0.0000	27-1	0.42395
27	0.84789	SLE	Max	0.0000	0.0000	27-1	0.84789
27	0.00000	SLE	Min	0.0000	-1976.6368	27-1	0.00000
27	0.42395	SLE	Min	0.0000	-2126.5979	27-1	0.42395
27	0.84789	SLE	Min	0.0000	-2297.5128	27-1	0.84789
27	0.00000	SLE_SISMA _DOWN	Max	0.0000	0.0000	27-1	0.00000
27	0.42395	SLE_SISMA _DOWN	Max	0.0000	0.0000	27-1	0.42395
27	0.84789	SLE_SISMA _DOWN	Max	0.0000	0.0000	27-1	0.84789
27	0.00000	SLE_SISMA _DOWN	Min	0.0000	-2003.6006	27-1	0.00000
27	0.42395	SLE_SISMA _DOWN	Min	0.0000	-2153.8479	27-1	0.42395
27	0.84789	SLE_SISMA _DOWN	Min	0.0000	-2323.0569	27-1	0.84789

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem	ElemStation m
27	0.00000	SLE_SISMA _UP	Max	0.0000	0.0000	27-1	0.00000
27	0.42395	SLE_SISMA _UP	Max	0.0000	0.0000	27-1	0.42395
27	0.84789	SLE_SISMA _UP	Max	0.0000	0.0000	27-1	0.84789
27	0.00000	SLE_SISMA _UP	Min	0.0000	-1778.3603	27-1	0.00000
27	0.42395	SLE_SISMA _UP	Min	0.0000	-1925.0222	27-1	0.42395
27	0.84789	SLE_SISMA _UP	Min	0.0000	-2090.6458	27-1	0.84789
27	0.00000	SLU_SISMA _DOWN	Max	0.0000	0.0000	27-1	0.00000
27	0.42395	SLU_SISMA _DOWN	Max	0.0000	0.0000	27-1	0.42395
27	0.84789	SLU_SISMA _DOWN	Max	0.0000	0.0000	27-1	0.84789
27	0.00000	SLU_SISMA _DOWN	Min	0.0000	-1867.9343	27-1	0.00000
27	0.42395	SLU_SISMA _DOWN	Min	0.0000	-2055.7286	27-1	0.42395
27	0.84789	SLU_SISMA _DOWN	Min	0.0000	-2263.6896	27-1	0.84789
27	0.00000	SLU_SISMA _UP	Max	0.0000	0.0000	27-1	0.00000
27	0.42395	SLU_SISMA _UP	Max	0.0000	0.0000	27-1	0.42395
27	0.84789	SLU_SISMA _UP	Max	0.0000	0.0000	27-1	0.84789
27	0.00000	SLU_SISMA _UP	Min	0.0000	-1340.4563	27-1	0.00000
27	0.42395	SLU_SISMA _UP	Min	0.0000	-1521.7812	27-1	0.42395
27	0.84789	SLU_SISMA _UP	Min	0.0000	-1723.2728	27-1	0.84789
28	0.00000	SLE	Max	0.0000	0.0000	28-1	0.00000
28	0.51088	SLE	Max	0.0000	0.0000	28-1	0.51088
28	1.02176	SLE	Max	0.0000	0.0000	28-1	1.02176
28	0.00000	SLE	Min	0.0000	-2297.5128	28-1	0.00000
28	0.51088	SLE	Min	0.0000	-1567.7600	28-1	0.51088
28	1.02176	SLE	Min	0.0000	-870.5279	28-1	1.02176
28	0.00000	SLE_SISMA _DOWN	Max	0.0000	0.0000	28-1	0.00000
28	0.51088	SLE_SISMA _DOWN	Max	0.0000	0.0000	28-1	0.51088
28	1.02176	SLE_SISMA _DOWN	Max	0.0000	0.0000	28-1	1.02176
28	0.00000	SLE_SISMA _DOWN	Min	0.0000	-2323.0569	28-1	0.00000
28	0.51088	SLE_SISMA _DOWN	Min	0.0000	-1595.6682	28-1	0.51088
28	1.02176	SLE_SISMA _DOWN	Min	0.0000	-897.9073	28-1	1.02176
28	0.00000	SLE_SISMA _UP	Max	0.0000	0.0000	28-1	0.00000
28	0.51088	SLE_SISMA _UP	Max	0.0000	0.0000	28-1	0.51088
28	1.02176	SLE_SISMA _UP	Max	0.0000	0.0000	28-1	1.02176
28	0.00000	SLE_SISMA _UP	Min	0.0000	-2090.6458	28-1	0.00000
28	0.51088	SLE_SISMA _UP	Min	0.0000	-1438.8337	28-1	0.51088

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem	ElemStation m
28	1.02176	SLE_SISMA _UP	Min	0.0000	-816.6495	28-1	1.02176
28	0.00000	SLU_SISMA _DOWN	Max	0.0000	0.0000	28-1	0.00000
28	0.51088	SLU_SISMA _DOWN	Max	0.0000	0.0000	28-1	0.51088
28	1.02176	SLU_SISMA _DOWN	Max	0.0000	0.0000	28-1	1.02176
28	0.00000	SLU_SISMA _DOWN	Min	0.0000	-2263.6896	28-1	0.00000
28	0.51088	SLU_SISMA _DOWN	Min	0.0000	-1576.0742	28-1	0.51088
28	1.02176	SLU_SISMA _DOWN	Min	0.0000	-920.2529	28-1	1.02176
28	0.00000	SLU_SISMA _UP	Max	0.0000	0.0000	28-1	0.00000
28	0.51088	SLU_SISMA _UP	Max	0.0000	0.0000	28-1	0.51088
28	1.02176	SLU_SISMA _UP	Max	0.0000	0.0000	28-1	1.02176
28	0.00000	SLU_SISMA _UP	Min	0.0000	-1723.2728	28-1	0.00000
28	0.51088	SLU_SISMA _UP	Min	0.0000	-1210.8075	28-1	0.51088
28	1.02176	SLU_SISMA _UP	Min	0.0000	-730.1363	28-1	1.02176
29	0.00000	SLE	Max	0.0000	870.5279	29-1	0.00000
29	0.44994	SLE	Max	0.0000	766.7950	29-1	0.44994
29	0.89989	SLE	Max	0.0000	658.0008	29-1	0.89989
29	0.00000	SLE	Min	0.0000	0.0000	29-1	0.00000
29	0.44994	SLE	Min	0.0000	0.0000	29-1	0.44994
29	0.89989	SLE	Min	0.0000	0.0000	29-1	0.89989
29	0.00000	SLE_SISMA _DOWN	Max	0.0000	897.9073	29-1	0.00000
29	0.44994	SLE_SISMA _DOWN	Max	0.0000	755.7481	29-1	0.44994
29	0.89989	SLE_SISMA _DOWN	Max	0.0000	608.2441	29-1	0.89989
29	0.00000	SLE_SISMA _DOWN	Min	0.0000	0.0000	29-1	0.00000
29	0.44994	SLE_SISMA _DOWN	Min	0.0000	0.0000	29-1	0.44994
29	0.89989	SLE_SISMA _DOWN	Min	0.0000	0.0000	29-1	0.89989
29	0.00000	SLE_SISMA _UP	Max	0.0000	816.6495	29-1	0.00000
29	0.44994	SLE_SISMA _UP	Max	0.0000	683.2789	29-1	0.44994
29	0.89989	SLE_SISMA _UP	Max	0.0000	545.1305	29-1	0.89989
29	0.00000	SLE_SISMA _UP	Min	0.0000	0.0000	29-1	0.00000
29	0.44994	SLE_SISMA _UP	Min	0.0000	0.0000	29-1	0.44994
29	0.89989	SLE_SISMA _UP	Min	0.0000	0.0000	29-1	0.89989
29	0.00000	SLU_SISMA _DOWN	Max	0.0000	920.2529	29-1	0.00000
29	0.44994	SLU_SISMA _DOWN	Max	0.0000	729.2774	29-1	0.44994
29	0.89989	SLU_SISMA _DOWN	Max	0.0000	532.5777	29-1	0.89989
29	0.00000	SLU_SISMA _DOWN	Min	0.0000	0.0000	29-1	0.00000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem	ElemStation m
29	0.44994	SLU_SISMA _DOWN	Min	0.0000	0.0000	29-1	0.44994
29	0.89989	SLU_SISMA _DOWN	Min	0.0000	0.0000	29-1	0.89989
29	0.00000	SLU_SISMA _UP	Max	0.0000	730.1363	29-1	0.00000
29	0.44994	SLU_SISMA _UP	Max	0.0000	563.0164	29-1	0.44994
29	0.89989	SLU_SISMA _UP	Max	0.0000	391.4982	29-1	0.89989
29	0.00000	SLU_SISMA _UP	Min	0.0000	0.0000	29-1	0.00000
29	0.44994	SLU_SISMA _UP	Min	0.0000	0.0000	29-1	0.44994
29	0.89989	SLU_SISMA _UP	Min	0.0000	0.0000	29-1	0.89989
30	0.00000	SLE	Max	0.0000	658.0008	30-1	0.00000
30	0.44994	SLE	Max	0.0000	645.8272	30-1	0.44994
30	0.89989	SLE	Max	0.0000	628.5923	30-1	0.89989
30	0.00000	SLE	Min	0.0000	0.0000	30-1	0.00000
30	0.44994	SLE	Min	0.0000	0.0000	30-1	0.44994
30	0.89989	SLE	Min	0.0000	0.0000	30-1	0.89989
30	0.00000	SLE_SISMA _DOWN	Max	0.0000	608.2441	30-1	0.00000
30	0.44994	SLE_SISMA _DOWN	Max	0.0000	568.1406	30-1	0.44994
30	0.89989	SLE_SISMA _DOWN	Max	0.0000	522.6924	30-1	0.89989
30	0.00000	SLE_SISMA _DOWN	Min	0.0000	0.0000	30-1	0.00000
30	0.44994	SLE_SISMA _DOWN	Min	0.0000	0.0000	30-1	0.44994
30	0.89989	SLE_SISMA _DOWN	Min	0.0000	0.0000	30-1	0.89989
30	0.00000	SLE_SISMA _UP	Max	0.0000	545.1305	30-1	0.00000
30	0.44994	SLE_SISMA _UP	Max	0.0000	505.8464	30-1	0.44994
30	0.89989	SLE_SISMA _UP	Max	0.0000	461.7846	30-1	0.89989
30	0.00000	SLE_SISMA _UP	Min	0.0000	0.0000	30-1	0.00000
30	0.44994	SLE_SISMA _UP	Min	0.0000	0.0000	30-1	0.44994
30	0.89989	SLE_SISMA _UP	Min	0.0000	0.0000	30-1	0.89989
30	0.00000	SLU_SISMA _DOWN	Max	0.0000	532.5777	30-1	0.00000
30	0.44994	SLU_SISMA _DOWN	Max	0.0000	457.4394	30-1	0.44994
30	0.89989	SLU_SISMA _DOWN	Max	0.0000	376.5767	30-1	0.89989
30	0.00000	SLU_SISMA _DOWN	Min	0.0000	0.0000	30-1	0.00000
30	0.44994	SLU_SISMA _DOWN	Min	0.0000	0.0000	30-1	0.44994
30	0.89989	SLU_SISMA _DOWN	Min	0.0000	0.0000	30-1	0.89989
30	0.00000	SLU_SISMA _UP	Max	0.0000	391.4982	30-1	0.00000
30	0.44994	SLU_SISMA _UP	Max	0.0000	321.2051	30-1	0.44994
30	0.89989	SLU_SISMA _UP	Max	0.0000	246.5138	30-1	0.89989

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem	ElemStation m
30	0.00000	SLU_SISMA _UP	Min	0.0000	0.0000	30-1	0.00000
30	0.44994	SLU_SISMA _UP	Min	0.0000	0.0000	30-1	0.44994
30	0.89989	SLU_SISMA _UP	Min	0.0000	0.0000	30-1	0.89989
31	0.00000	SLE	Max	0.0000	628.5923	31-1	0.00000
31	0.45143	SLE	Max	0.0000	340.7041	31-1	0.45143
31	0.90286	SLE	Max	0.0000	48.1181	31-1	0.90286
31	0.00000	SLE	Min	0.0000	0.0000	31-1	0.00000
31	0.45143	SLE	Min	0.0000	0.0000	31-1	0.45143
31	0.90286	SLE	Min	0.0000	0.0000	31-1	0.90286
31	0.00000	SLE_SISMA _DOWN	Max	0.0000	522.6924	31-1	0.00000
31	0.45143	SLE_SISMA _DOWN	Max	0.0000	220.2910	31-1	0.45143
31	0.90286	SLE_SISMA _DOWN	Max	0.0000	0.0000	31-1	0.90286
31	0.00000	SLE_SISMA _DOWN	Min	0.0000	0.0000	31-1	0.00000
31	0.45143	SLE_SISMA _DOWN	Min	0.0000	0.0000	31-1	0.45143
31	0.90286	SLE_SISMA _DOWN	Min	0.0000	-87.0713	31-1	0.90286
31	0.00000	SLE_SISMA _UP	Max	0.0000	461.7846	31-1	0.00000
31	0.45143	SLE_SISMA _UP	Max	0.0000	189.7589	31-1	0.45143
31	0.90286	SLE_SISMA _UP	Max	0.0000	0.0000	31-1	0.90286
31	0.00000	SLE_SISMA _UP	Min	0.0000	0.0000	31-1	0.00000
31	0.45143	SLE_SISMA _UP	Min	0.0000	0.0000	31-1	0.45143
31	0.90286	SLE_SISMA _UP	Min	0.0000	-86.7015	31-1	0.90286
31	0.00000	SLU_SISMA _DOWN	Max	0.0000	376.5767	31-1	0.00000
31	0.45143	SLU_SISMA _DOWN	Max	0.0000	71.1646	31-1	0.45143
31	0.90286	SLU_SISMA _DOWN	Max	0.0000	0.0000	31-1	0.90286
31	0.00000	SLU_SISMA _DOWN	Min	0.0000	0.0000	31-1	0.00000
31	0.45143	SLU_SISMA _DOWN	Min	0.0000	0.0000	31-1	0.45143
31	0.90286	SLU_SISMA _DOWN	Min	0.0000	-239.5608	31-1	0.90286
31	0.00000	SLU_SISMA _UP	Max	0.0000	246.5138	31-1	0.00000
31	0.45143	SLU_SISMA _UP	Max	0.0000	13.1068	31-1	0.45143
31	0.90286	SLU_SISMA _UP	Max	0.0000	0.0000	31-1	0.90286
31	0.00000	SLU_SISMA _UP	Min	0.0000	0.0000	31-1	0.00000
31	0.45143	SLU_SISMA _UP	Min	0.0000	0.0000	31-1	0.45143
31	0.90286	SLU_SISMA _UP	Min	0.0000	-224.3826	31-1	0.90286
32	0.00000	SLE	Max	0.0000	48.1181	32-1	0.00000
32	0.45143	SLE	Max	0.0000	0.0000	32-1	0.45143
32	0.90286	SLE	Max	0.0000	0.0000	32-1	0.90286
32	0.00000	SLE	Min	0.0000	0.0000	32-1	0.00000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem	ElemStation m
32	0.45143	SLE	Min	0.0000	-186.9673	32-1	0.45143
32	0.90286	SLE	Min	0.0000	-426.8805	32-1	0.90286
32	0.00000	SLE_SISMA _DOWN	Max	0.0000	0.0000	32-1	0.00000
32	0.45143	SLE_SISMA _DOWN	Max	0.0000	0.0000	32-1	0.45143
32	0.90286	SLE_SISMA _DOWN	Max	0.0000	0.0000	32-1	0.90286
32	0.00000	SLE_SISMA _DOWN	Min	0.0000	-87.0713	32-1	0.00000
32	0.45143	SLE_SISMA _DOWN	Min	0.0000	-326.1836	32-1	0.45143
32	0.90286	SLE_SISMA _DOWN	Min	0.0000	-570.3942	32-1	0.90286
32	0.00000	SLE_SISMA _UP	Max	0.0000	0.0000	32-1	0.00000
32	0.45143	SLE_SISMA _UP	Max	0.0000	0.0000	32-1	0.45143
32	0.90286	SLE_SISMA _UP	Max	0.0000	0.0000	32-1	0.90286
32	0.00000	SLE_SISMA _UP	Min	0.0000	-86.7015	32-1	0.00000
32	0.45143	SLE_SISMA _UP	Min	0.0000	-301.0361	32-1	0.45143
32	0.90286	SLE_SISMA _UP	Min	0.0000	-519.9281	32-1	0.90286
32	0.00000	SLU_SISMA _DOWN	Max	0.0000	0.0000	32-1	0.00000
32	0.45143	SLU_SISMA _DOWN	Max	0.0000	0.0000	32-1	0.45143
32	0.90286	SLU_SISMA _DOWN	Max	0.0000	0.0000	32-1	0.90286
32	0.00000	SLU_SISMA _DOWN	Min	0.0000	-239.5608	32-1	0.00000
32	0.45143	SLU_SISMA _DOWN	Min	0.0000	-470.5758	32-1	0.45143
32	0.90286	SLU_SISMA _DOWN	Min	0.0000	-707.0511	32-1	0.90286
32	0.00000	SLU_SISMA _UP	Max	0.0000	0.0000	32-1	0.00000
32	0.45143	SLU_SISMA _UP	Max	0.0000	0.0000	32-1	0.45143
32	0.90286	SLU_SISMA _UP	Max	0.0000	0.0000	32-1	0.90286
32	0.00000	SLU_SISMA _UP	Min	0.0000	-224.3826	32-1	0.00000
32	0.45143	SLU_SISMA _UP	Min	0.0000	-397.2668	32-1	0.45143
32	0.90286	SLU_SISMA _UP	Min	0.0000	-574.3463	32-1	0.90286
33	0.00000	SLE	Max	0.0000	0.0000	33-1	0.00000
33	0.45143	SLE	Max	0.0000	0.0000	33-1	0.45143
33	0.90286	SLE	Max	0.0000	0.0000	33-1	0.90286
33	0.00000	SLE	Min	0.0000	-426.8805	33-1	0.00000
33	0.45143	SLE	Min	0.0000	-608.8717	33-1	0.45143
33	0.90286	SLE	Min	0.0000	-795.7956	33-1	0.90286
33	0.00000	SLE_SISMA _DOWN	Max	0.0000	0.0000	33-1	0.00000
33	0.45143	SLE_SISMA _DOWN	Max	0.0000	0.0000	33-1	0.45143
33	0.90286	SLE_SISMA _DOWN	Max	0.0000	0.0000	33-1	0.90286
33	0.00000	SLE_SISMA _DOWN	Min	0.0000	-570.3942	33-1	0.00000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem	ElemStation m
33	0.45143	SLE_SISMA _DOWN	Min	0.0000	-747.6927	33-1	0.45143
33	0.90286	SLE_SISMA _DOWN	Min	0.0000	-930.2001	33-1	0.90286
33	0.00000	SLE_SISMA _UP	Max	0.0000	0.0000	33-1	0.00000
33	0.45143	SLE_SISMA _UP	Max	0.0000	0.0000	33-1	0.45143
33	0.90286	SLE_SISMA _UP	Max	0.0000	0.0000	33-1	0.90286
33	0.00000	SLE_SISMA _UP	Min	0.0000	-519.9281	33-1	0.00000
33	0.45143	SLE_SISMA _UP	Min	0.0000	-678.0374	33-1	0.45143
33	0.90286	SLE_SISMA _UP	Min	0.0000	-840.8032	33-1	0.90286
33	0.00000	SLU_SISMA _DOWN	Max	0.0000	0.0000	33-1	0.00000
33	0.45143	SLU_SISMA _DOWN	Max	0.0000	0.0000	33-1	0.45143
33	0.90286	SLU_SISMA _DOWN	Max	0.0000	0.0000	33-1	0.90286
33	0.00000	SLU_SISMA _DOWN	Min	0.0000	-707.0511	33-1	0.00000
33	0.45143	SLU_SISMA _DOWN	Min	0.0000	-867.4894	33-1	0.45143
33	0.90286	SLU_SISMA _DOWN	Min	0.0000	-1033.5065	33-1	0.90286
33	0.00000	SLU_SISMA _UP	Max	0.0000	0.0000	33-1	0.00000
33	0.45143	SLU_SISMA _UP	Max	0.0000	0.0000	33-1	0.45143
33	0.90286	SLU_SISMA _UP	Max	0.0000	0.0000	33-1	0.90286
33	0.00000	SLU_SISMA _UP	Min	0.0000	-574.3463	33-1	0.00000
33	0.45143	SLU_SISMA _UP	Min	0.0000	-690.3770	33-1	0.45143
33	0.90286	SLU_SISMA _UP	Min	0.0000	-810.6941	33-1	0.90286
34	0.00000	SLE	Max	0.0000	0.0000	34-1	0.00000
34	0.45143	SLE	Max	0.0000	0.0000	34-1	0.45143
34	0.90286	SLE	Max	0.0000	0.0000	34-1	0.90286
34	0.00000	SLE	Min	0.0000	-795.7956	34-1	0.00000
34	0.45143	SLE	Min	0.0000	-924.7846	34-1	0.45143
34	0.90286	SLE	Min	0.0000	-1058.7854	34-1	0.90286
34	0.00000	SLE_SISMA _DOWN	Max	0.0000	0.0000	34-1	0.00000
34	0.45143	SLE_SISMA _DOWN	Max	0.0000	0.0000	34-1	0.45143
34	0.90286	SLE_SISMA _DOWN	Max	0.0000	0.0000	34-1	0.90286
34	0.00000	SLE_SISMA _DOWN	Min	0.0000	-930.2001	34-1	0.00000
34	0.45143	SLE_SISMA _DOWN	Min	0.0000	-1047.5489	34-1	0.45143
34	0.90286	SLE_SISMA _DOWN	Min	0.0000	-1170.1902	34-1	0.90286
34	0.00000	SLE_SISMA _UP	Max	0.0000	0.0000	34-1	0.00000
34	0.45143	SLE_SISMA _UP	Max	0.0000	0.0000	34-1	0.45143
34	0.90286	SLE_SISMA _UP	Max	0.0000	0.0000	34-1	0.90286

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem	ElemStation m
34	0.00000	SLE_SISMA _UP	Min	0.0000	-840.8032	34-1	0.00000
34	0.45143	SLE_SISMA _UP	Min	0.0000	-944.5154	34-1	0.45143
34	0.90286	SLE_SISMA _UP	Min	0.0000	-1052.9587	34-1	0.90286
34	0.00000	SLU_SISMA _DOWN	Max	0.0000	0.0000	34-1	0.00000
34	0.45143	SLU_SISMA _DOWN	Max	0.0000	0.0000	34-1	0.45143
34	0.90286	SLU_SISMA _DOWN	Max	0.0000	0.0000	34-1	0.90286
34	0.00000	SLU_SISMA _DOWN	Min	0.0000	-1033.5065	34-1	0.00000
34	0.45143	SLU_SISMA _DOWN	Min	0.0000	-1127.6127	34-1	0.45143
34	0.90286	SLU_SISMA _DOWN	Min	0.0000	-1227.3873	34-1	0.90286
34	0.00000	SLU_SISMA _UP	Max	0.0000	0.0000	34-1	0.00000
34	0.45143	SLU_SISMA _UP	Max	0.0000	0.0000	34-1	0.45143
34	0.90286	SLU_SISMA _UP	Max	0.0000	0.0000	34-1	0.90286
34	0.00000	SLU_SISMA _UP	Min	0.0000	-810.6941	34-1	0.00000
34	0.45143	SLU_SISMA _UP	Min	0.0000	-873.9046	34-1	0.45143
34	0.90286	SLU_SISMA _UP	Min	0.0000	-941.4704	34-1	0.90286
35	0.00000	SLE	Max	0.0000	0.0000	35-1	0.00000
35	0.45143	SLE	Max	0.0000	0.0000	35-1	0.45143
35	0.90286	SLE	Max	0.0000	0.0000	35-1	0.90286
35	0.00000	SLE	Min	0.0000	-1058.7854	35-1	0.00000
35	0.45143	SLE	Min	0.0000	-1135.0117	35-1	0.45143
35	0.90286	SLE	Min	0.0000	-1216.3027	35-1	0.90286
35	0.00000	SLE_SISMA _DOWN	Max	0.0000	0.0000	35-1	0.00000
35	0.45143	SLE_SISMA _DOWN	Max	0.0000	0.0000	35-1	0.45143
35	0.90286	SLE_SISMA _DOWN	Max	0.0000	0.0000	35-1	0.90286
35	0.00000	SLE_SISMA _DOWN	Min	0.0000	-1170.1902	35-1	0.00000
35	0.45143	SLE_SISMA _DOWN	Min	0.0000	-1229.5943	35-1	0.45143
35	0.90286	SLE_SISMA _DOWN	Min	0.0000	-1294.3468	35-1	0.90286
35	0.00000	SLE_SISMA _UP	Max	0.0000	0.0000	35-1	0.00000
35	0.45143	SLE_SISMA _UP	Max	0.0000	0.0000	35-1	0.45143
35	0.90286	SLE_SISMA _UP	Max	0.0000	0.0000	35-1	0.90286
35	0.00000	SLE_SISMA _UP	Min	0.0000	-1052.9587	35-1	0.00000
35	0.45143	SLE_SISMA _UP	Min	0.0000	-1104.2411	35-1	0.45143
35	0.90286	SLE_SISMA _UP	Min	0.0000	-1160.3046	35-1	0.90286
35	0.00000	SLU_SISMA _DOWN	Max	0.0000	0.0000	35-1	0.00000
35	0.45143	SLU_SISMA _DOWN	Max	0.0000	0.0000	35-1	0.45143

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem	ElemStation m
35	0.90286	SLU_SISMA _DOWN	Max	0.0000	0.0000	35-1	0.90286
35	0.00000	SLU_SISMA _DOWN	Min	0.0000	-1227.3873	35-1	0.00000
35	0.45143	SLU_SISMA _DOWN	Min	0.0000	-1259.5793	35-1	0.45143
35	0.90286	SLU_SISMA _DOWN	Min	0.0000	-1297.4997	35-1	0.90286
35	0.00000	SLU_SISMA _UP	Max	0.0000	0.0000	35-1	0.00000
35	0.45143	SLU_SISMA _UP	Max	0.0000	0.0000	35-1	0.45143
35	0.90286	SLU_SISMA _UP	Max	0.0000	0.0000	35-1	0.90286
35	0.00000	SLU_SISMA _UP	Min	0.0000	-941.4704	35-1	0.00000
35	0.45143	SLU_SISMA _UP	Min	0.0000	-956.0662	35-1	0.45143
35	0.90286	SLU_SISMA _UP	Min	0.0000	-975.0633	35-1	0.90286
36	0.00000	SLE	Max	0.0000	0.0000	36-1	0.00000
36	0.45143	SLE	Max	0.0000	0.0000	36-1	0.45143
36	0.90286	SLE	Max	0.0000	0.0000	36-1	0.90286
36	0.00000	SLE	Min	0.0000	-1216.3027	36-1	0.00000
36	0.45143	SLE	Min	0.0000	-1239.9834	36-1	0.45143
36	0.90286	SLE	Min	0.0000	-1268.7554	36-1	0.90286
36	0.00000	SLE_SISMA _DOWN	Max	0.0000	0.0000	36-1	0.00000
36	0.45143	SLE_SISMA _DOWN	Max	0.0000	0.0000	36-1	0.45143
36	0.90286	SLE_SISMA _DOWN	Max	0.0000	0.0000	36-1	0.90286
36	0.00000	SLE_SISMA _DOWN	Min	0.0000	-1294.3468	36-1	0.00000
36	0.45143	SLE_SISMA _DOWN	Min	0.0000	-1297.7788	36-1	0.45143
36	0.90286	SLE_SISMA _DOWN	Min	0.0000	-1306.5873	36-1	0.90286
36	0.00000	SLE_SISMA _UP	Max	0.0000	0.0000	36-1	0.00000
36	0.45143	SLE_SISMA _UP	Max	0.0000	0.0000	36-1	0.45143
36	0.90286	SLE_SISMA _UP	Max	0.0000	0.0000	36-1	0.90286
36	0.00000	SLE_SISMA _UP	Min	0.0000	-1160.3046	36-1	0.00000
36	0.45143	SLE_SISMA _UP	Min	0.0000	-1161.1086	36-1	0.45143
36	0.90286	SLE_SISMA _UP	Min	0.0000	-1166.7188	36-1	0.90286
36	0.00000	SLU_SISMA _DOWN	Max	0.0000	0.0000	36-1	0.00000
36	0.45143	SLU_SISMA _DOWN	Max	0.0000	0.0000	36-1	0.45143
36	0.90286	SLU_SISMA _DOWN	Max	0.0000	0.0000	36-1	0.90286
36	0.00000	SLU_SISMA _DOWN	Min	0.0000	-1297.4997	36-1	0.00000
36	0.45143	SLU_SISMA _DOWN	Min	0.0000	-1272.1998	36-1	0.45143
36	0.90286	SLU_SISMA _DOWN	Min	0.0000	-1252.6582	36-1	0.90286
36	0.00000	SLU_SISMA _UP	Max	0.0000	0.0000	36-1	0.00000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem	ElemStation m
36	0.45143	SLU_SISMA _UP	Max	0.0000	0.0000	36-1	0.45143
36	0.90286	SLU_SISMA _UP	Max	0.0000	0.0000	36-1	0.90286
36	0.00000	SLU_SISMA _UP	Min	0.0000	-975.0633	36-1	0.00000
36	0.45143	SLU_SISMA _UP	Min	0.0000	-945.2954	36-1	0.45143
36	0.90286	SLU_SISMA _UP	Min	0.0000	-919.9520	36-1	0.90286
37	0.00000	SLE	Max	0.0000	0.0000	37-1	0.00000
37	0.45143	SLE	Max	0.0000	0.0000	37-1	0.45143
37	0.90286	SLE	Max	0.0000	0.0000	37-1	0.90286
37	0.00000	SLE	Min	0.0000	-1268.7554	37-1	0.00000
37	0.45143	SLE	Min	0.0000	-1239.9834	37-1	0.45143
37	0.90286	SLE	Min	0.0000	-1216.3027	37-1	0.90286
37	0.00000	SLE_SISMA _DOWN	Max	0.0000	0.0000	37-1	0.00000
37	0.45143	SLE_SISMA _DOWN	Max	0.0000	0.0000	37-1	0.45143
37	0.90286	SLE_SISMA _DOWN	Max	0.0000	0.0000	37-1	0.90286
37	0.00000	SLE_SISMA _DOWN	Min	0.0000	-1306.5873	37-1	0.00000
37	0.45143	SLE_SISMA _DOWN	Min	0.0000	-1255.8882	37-1	0.45143
37	0.90286	SLE_SISMA _DOWN	Min	0.0000	-1210.5655	37-1	0.90286
37	0.00000	SLE_SISMA _UP	Max	0.0000	0.0000	37-1	0.00000
37	0.45143	SLE_SISMA _UP	Max	0.0000	0.0000	37-1	0.45143
37	0.90286	SLE_SISMA _UP	Max	0.0000	0.0000	37-1	0.90286
37	0.00000	SLE_SISMA _UP	Min	0.0000	-1166.7188	37-1	0.00000
37	0.45143	SLE_SISMA _UP	Min	0.0000	-1118.8914	37-1	0.45143
37	0.90286	SLE_SISMA _UP	Min	0.0000	-1075.8704	37-1	0.90286
37	0.00000	SLU_SISMA _DOWN	Max	0.0000	0.0000	37-1	0.00000
37	0.45143	SLU_SISMA _DOWN	Max	0.0000	0.0000	37-1	0.45143
37	0.90286	SLU_SISMA _DOWN	Max	0.0000	0.0000	37-1	0.90286
37	0.00000	SLU_SISMA _DOWN	Min	0.0000	-1252.6582	37-1	0.00000
37	0.45143	SLU_SISMA _DOWN	Min	0.0000	-1174.2030	37-1	0.45143
37	0.90286	SLU_SISMA _DOWN	Min	0.0000	-1101.5060	37-1	0.90286
37	0.00000	SLU_SISMA _UP	Max	0.0000	0.0000	37-1	0.00000
37	0.45143	SLU_SISMA _UP	Max	0.0000	0.0000	37-1	0.45143
37	0.90286	SLU_SISMA _UP	Max	0.0000	0.0000	37-1	0.90286
37	0.00000	SLU_SISMA _UP	Min	0.0000	-919.9520	37-1	0.00000
37	0.45143	SLU_SISMA _UP	Min	0.0000	-850.0524	37-1	0.45143
37	0.90286	SLU_SISMA _UP	Min	0.0000	-784.5772	37-1	0.90286

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem	ElemStation m
38	0.00000	SLE	Max	0.0000	0.0000	38-1	0.00000
38	0.45143	SLE	Max	0.0000	0.0000	38-1	0.45143
38	0.90286	SLE	Max	0.0000	0.0000	38-1	0.90286
38	0.00000	SLE	Min	0.0000	-1216.3027	38-1	0.00000
38	0.45143	SLE	Min	0.0000	-1135.0117	38-1	0.45143
38	0.90286	SLE	Min	0.0000	-1058.7854	38-1	0.90286
38	0.00000	SLE_SISMA _DOWN	Max	0.0000	0.0000	38-1	0.00000
38	0.45143	SLE_SISMA _DOWN	Max	0.0000	0.0000	38-1	0.45143
38	0.90286	SLE_SISMA _DOWN	Max	0.0000	0.0000	38-1	0.90286
38	0.00000	SLE_SISMA _DOWN	Min	0.0000	-1210.5655	38-1	0.00000
38	0.45143	SLE_SISMA _DOWN	Min	0.0000	-1107.4179	38-1	0.45143
38	0.90286	SLE_SISMA _DOWN	Min	0.0000	-1009.6187	38-1	0.90286
38	0.00000	SLE_SISMA _UP	Max	0.0000	0.0000	38-1	0.00000
38	0.45143	SLE_SISMA _UP	Max	0.0000	0.0000	38-1	0.45143
38	0.90286	SLE_SISMA _UP	Max	0.0000	0.0000	38-1	0.90286
38	0.00000	SLE_SISMA _UP	Min	0.0000	-1075.8704	38-1	0.00000
38	0.45143	SLE_SISMA _UP	Min	0.0000	-981.1317	38-1	0.45143
38	0.90286	SLE_SISMA _UP	Min	0.0000	-891.1743	38-1	0.90286
38	0.00000	SLU_SISMA _DOWN	Max	0.0000	0.0000	38-1	0.00000
38	0.45143	SLU_SISMA _DOWN	Max	0.0000	0.0000	38-1	0.45143
38	0.90286	SLU_SISMA _DOWN	Max	0.0000	0.0000	38-1	0.90286
38	0.00000	SLU_SISMA _DOWN	Min	0.0000	-1101.5060	38-1	0.00000
38	0.45143	SLU_SISMA _DOWN	Min	0.0000	-974.1304	38-1	0.45143
38	0.90286	SLU_SISMA _DOWN	Min	0.0000	-852.4831	38-1	0.90286
38	0.00000	SLU_SISMA _UP	Max	0.0000	0.0000	38-1	0.00000
38	0.45143	SLU_SISMA _UP	Max	0.0000	0.0000	38-1	0.45143
38	0.90286	SLU_SISMA _UP	Max	0.0000	0.0000	38-1	0.90286
38	0.00000	SLU_SISMA _UP	Min	0.0000	-784.5772	38-1	0.00000
38	0.45143	SLU_SISMA _UP	Min	0.0000	-678.7501	38-1	0.45143
38	0.90286	SLU_SISMA _UP	Min	0.0000	-577.3242	38-1	0.90286
39	0.00000	SLE	Max	0.0000	0.0000	39-1	0.00000
39	0.45143	SLE	Max	0.0000	0.0000	39-1	0.45143
39	0.90286	SLE	Max	0.0000	0.0000	39-1	0.90286
39	0.00000	SLE	Min	0.0000	-1058.7854	39-1	0.00000
39	0.45143	SLE	Min	0.0000	-924.7846	39-1	0.45143
39	0.90286	SLE	Min	0.0000	-795.7956	39-1	0.90286
39	0.00000	SLE_SISMA _DOWN	Max	0.0000	0.0000	39-1	0.00000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem	ElemStation m
39	0.45143	SLE_SISMA _DOWN	Max	0.0000	0.0000	39-1	0.45143
39	0.90286	SLE_SISMA _DOWN	Max	0.0000	0.0000	39-1	0.90286
39	0.00000	SLE_SISMA _DOWN	Min	0.0000	-1009.6187	39-1	0.00000
39	0.45143	SLE_SISMA _DOWN	Min	0.0000	-855.5910	39-1	0.45143
39	0.90286	SLE_SISMA _DOWN	Min	0.0000	-706.8557	39-1	0.90286
39	0.00000	SLE_SISMA _UP	Max	0.0000	0.0000	39-1	0.00000
39	0.45143	SLE_SISMA _UP	Max	0.0000	0.0000	39-1	0.45143
39	0.90286	SLE_SISMA _UP	Max	0.0000	0.0000	39-1	0.90286
39	0.00000	SLE_SISMA _UP	Min	0.0000	-891.1743	39-1	0.00000
39	0.45143	SLE_SISMA _UP	Min	0.0000	-751.1573	39-1	0.45143
39	0.90286	SLE_SISMA _UP	Min	0.0000	-615.8714	39-1	0.90286
39	0.00000	SLU_SISMA _DOWN	Max	0.0000	0.0000	39-1	0.00000
39	0.45143	SLU_SISMA _DOWN	Max	0.0000	0.0000	39-1	0.45143
39	0.90286	SLU_SISMA _DOWN	Max	0.0000	0.0000	39-1	0.90286
39	0.00000	SLU_SISMA _DOWN	Min	0.0000	-852.4831	39-1	0.00000
39	0.45143	SLU_SISMA _DOWN	Min	0.0000	-680.3733	39-1	0.45143
39	0.90286	SLU_SISMA _DOWN	Min	0.0000	-513.9319	39-1	0.90286
39	0.00000	SLU_SISMA _UP	Max	0.0000	0.0000	39-1	0.00000
39	0.45143	SLU_SISMA _UP	Max	0.0000	0.0000	39-1	0.45143
39	0.90286	SLU_SISMA _UP	Max	0.0000	0.0000	39-1	0.90286
39	0.00000	SLU_SISMA _UP	Min	0.0000	-577.3242	39-1	0.00000
39	0.45143	SLU_SISMA _UP	Min	0.0000	-439.7892	39-1	0.45143
39	0.90286	SLU_SISMA _UP	Min	0.0000	-306.6093	39-1	0.90286
40	0.00000	SLE	Max	0.0000	0.0000	40-1	0.00000
40	0.45143	SLE	Max	0.0000	0.0000	40-1	0.45143
40	0.90286	SLE	Max	0.0000	0.0000	40-1	0.90286
40	0.00000	SLE	Min	0.0000	-795.7956	40-1	0.00000
40	0.45143	SLE	Min	0.0000	-608.8717	40-1	0.45143
40	0.90286	SLE	Min	0.0000	-426.8805	40-1	0.90286
40	0.00000	SLE_SISMA _DOWN	Max	0.0000	0.0000	40-1	0.00000
40	0.45143	SLE_SISMA _DOWN	Max	0.0000	0.0000	40-1	0.45143
40	0.90286	SLE_SISMA _DOWN	Max	0.0000	0.0000	40-1	0.90286
40	0.00000	SLE_SISMA _DOWN	Min	0.0000	-706.8557	40-1	0.00000
40	0.45143	SLE_SISMA _DOWN	Min	0.0000	-503.5137	40-1	0.45143
40	0.90286	SLE_SISMA _DOWN	Min	0.0000	-305.3805	40-1	0.90286

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem	ElemStation m
40	0.00000	SLE_SISMA _UP	Max	0.0000	0.0000	40-1	0.00000
40	0.45143	SLE_SISMA _UP	Max	0.0000	0.0000	40-1	0.45143
40	0.90286	SLE_SISMA _UP	Max	0.0000	0.0000	40-1	0.90286
40	0.00000	SLE_SISMA _UP	Min	0.0000	-615.8714	40-1	0.00000
40	0.45143	SLE_SISMA _UP	Min	0.0000	-432.2227	40-1	0.45143
40	0.90286	SLE_SISMA _UP	Min	0.0000	-253.2304	40-1	0.90286
40	0.00000	SLU_SISMA _DOWN	Max	0.0000	0.0000	40-1	0.00000
40	0.45143	SLU_SISMA _DOWN	Max	0.0000	0.0000	40-1	0.45143
40	0.90286	SLU_SISMA _DOWN	Max	0.0000	0.0000	40-1	0.90286
40	0.00000	SLU_SISMA _DOWN	Min	0.0000	-513.9319	40-1	0.00000
40	0.45143	SLU_SISMA _DOWN	Min	0.0000	-301.3408	40-1	0.45143
40	0.90286	SLU_SISMA _DOWN	Min	0.0000	-94.3286	40-1	0.90286
40	0.00000	SLU_SISMA _UP	Max	0.0000	0.0000	40-1	0.00000
40	0.45143	SLU_SISMA _UP	Max	0.0000	0.0000	40-1	0.45143
40	0.90286	SLU_SISMA _UP	Max	0.0000	18.9432	40-1	0.90286
40	0.00000	SLU_SISMA _UP	Min	0.0000	-306.6093	40-1	0.00000
40	0.45143	SLU_SISMA _UP	Min	0.0000	-141.6898	40-1	0.45143
40	0.90286	SLU_SISMA _UP	Min	0.0000	0.0000	40-1	0.90286
41	0.00000	SLE	Max	0.0000	0.0000	41-1	0.00000
41	0.45143	SLE	Max	0.0000	0.0000	41-1	0.45143
41	0.90286	SLE	Max	0.0000	48.1181	41-1	0.90286
41	0.00000	SLE	Min	0.0000	-426.8805	41-1	0.00000
41	0.45143	SLE	Min	0.0000	-186.9673	41-1	0.45143
41	0.90286	SLE	Min	0.0000	0.0000	41-1	0.90286
41	0.00000	SLE_SISMA _DOWN	Max	0.0000	0.0000	41-1	0.00000
41	0.45143	SLE_SISMA _DOWN	Max	0.0000	0.0000	41-1	0.45143
41	0.90286	SLE_SISMA _DOWN	Max	0.0000	191.3543	41-1	0.90286
41	0.00000	SLE_SISMA _DOWN	Min	0.0000	-305.3805	41-1	0.00000
41	0.45143	SLE_SISMA _DOWN	Min	0.0000	-54.4640	41-1	0.45143
41	0.90286	SLE_SISMA _DOWN	Min	0.0000	0.0000	41-1	0.90286
41	0.00000	SLE_SISMA _UP	Max	0.0000	0.0000	41-1	0.00000
41	0.45143	SLE_SISMA _UP	Max	0.0000	0.0000	41-1	0.45143
41	0.90286	SLE_SISMA _UP	Max	0.0000	193.1352	41-1	0.90286
41	0.00000	SLE_SISMA _UP	Min	0.0000	-253.2304	41-1	0.00000
41	0.45143	SLE_SISMA _UP	Min	0.0000	-27.7689	41-1	0.45143

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem	ElemStation m
41	0.90286	SLE_SISMA _UP	Min	0.0000	0.0000	41-1	0.90286
41	0.00000	SLU_SISMA _DOWN	Max	0.0000	0.0000	41-1	0.00000
41	0.45143	SLU_SISMA _DOWN	Max	0.0000	154.2523	41-1	0.45143
41	0.90286	SLU_SISMA _DOWN	Max	0.0000	397.3729	41-1	0.90286
41	0.00000	SLU_SISMA _DOWN	Min	0.0000	-94.3286	41-1	0.00000
41	0.45143	SLU_SISMA _DOWN	Min	0.0000	0.0000	41-1	0.45143
41	0.90286	SLU_SISMA _DOWN	Min	0.0000	0.0000	41-1	0.90286
41	0.00000	SLU_SISMA _UP	Max	0.0000	18.9432	41-1	0.00000
41	0.45143	SLU_SISMA _UP	Max	0.0000	206.6918	41-1	0.45143
41	0.90286	SLU_SISMA _UP	Max	0.0000	390.2451	41-1	0.90286
41	0.00000	SLU_SISMA _UP	Min	0.0000	0.0000	41-1	0.00000
41	0.45143	SLU_SISMA _UP	Min	0.0000	0.0000	41-1	0.45143
41	0.90286	SLU_SISMA _UP	Min	0.0000	0.0000	41-1	0.90286
42	0.00000	SLE	Max	0.0000	48.1181	42-1	0.00000
42	0.45143	SLE	Max	0.0000	340.7041	42-1	0.45143
42	0.90286	SLE	Max	0.0000	628.5923	42-1	0.90286
42	0.00000	SLE	Min	0.0000	0.0000	42-1	0.00000
42	0.45143	SLE	Min	0.0000	0.0000	42-1	0.45143
42	0.90286	SLE	Min	0.0000	0.0000	42-1	0.90286
42	0.00000	SLE_SISMA _DOWN	Max	0.0000	191.3543	42-1	0.00000
42	0.45143	SLE_SISMA _DOWN	Max	0.0000	487.6936	42-1	0.45143
42	0.90286	SLE_SISMA _DOWN	Max	0.0000	779.0721	42-1	0.90286
42	0.00000	SLE_SISMA _DOWN	Min	0.0000	0.0000	42-1	0.00000
42	0.45143	SLE_SISMA _DOWN	Min	0.0000	0.0000	42-1	0.45143
42	0.90286	SLE_SISMA _DOWN	Min	0.0000	0.0000	42-1	0.90286
42	0.00000	SLE_SISMA _UP	Max	0.0000	193.1352	42-1	0.00000
42	0.45143	SLE_SISMA _UP	Max	0.0000	458.2065	42-1	0.45143
42	0.90286	SLE_SISMA _UP	Max	0.0000	718.8431	42-1	0.90286
42	0.00000	SLE_SISMA _UP	Min	0.0000	0.0000	42-1	0.00000
42	0.45143	SLE_SISMA _UP	Min	0.0000	0.0000	42-1	0.45143
42	0.90286	SLE_SISMA _UP	Min	0.0000	0.0000	42-1	0.90286
42	0.00000	SLU_SISMA _DOWN	Max	0.0000	397.3729	42-1	0.00000
42	0.45143	SLU_SISMA _DOWN	Max	0.0000	676.9929	42-1	0.45143
42	0.90286	SLU_SISMA _DOWN	Max	0.0000	951.2996	42-1	0.90286
42	0.00000	SLU_SISMA _DOWN	Min	0.0000	0.0000	42-1	0.00000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem	ElemStation m
42	0.45143	SLU_SISMA _DOWN	Min	0.0000	0.0000	42-1	0.45143
42	0.90286	SLU_SISMA _DOWN	Min	0.0000	0.0000	42-1	0.90286
42	0.00000	SLU_SISMA _UP	Max	0.0000	390.2451	42-1	0.00000
42	0.45143	SLU_SISMA _UP	Max	0.0000	595.8752	42-1	0.45143
42	0.90286	SLU_SISMA _UP	Max	0.0000	797.4229	42-1	0.90286
42	0.00000	SLU_SISMA _UP	Min	0.0000	0.0000	42-1	0.00000
42	0.45143	SLU_SISMA _UP	Min	0.0000	0.0000	42-1	0.45143
42	0.90286	SLU_SISMA _UP	Min	0.0000	0.0000	42-1	0.90286
43	0.00000	SLE	Max	0.0000	628.5923	43-1	0.00000
43	0.44994	SLE	Max	0.0000	645.8272	43-1	0.44994
43	0.89989	SLE	Max	0.0000	658.0008	43-1	0.89989
43	0.00000	SLE	Min	0.0000	0.0000	43-1	0.00000
43	0.44994	SLE	Min	0.0000	0.0000	43-1	0.44994
43	0.89989	SLE	Min	0.0000	0.0000	43-1	0.89989
43	0.00000	SLE_SISMA _DOWN	Max	0.0000	779.0721	43-1	0.00000
43	0.44994	SLE_SISMA _DOWN	Max	0.0000	769.5880	43-1	0.44994
43	0.89989	SLE_SISMA _DOWN	Max	0.0000	754.7592	43-1	0.89989
43	0.00000	SLE_SISMA _DOWN	Min	0.0000	0.0000	43-1	0.00000
43	0.44994	SLE_SISMA _DOWN	Min	0.0000	0.0000	43-1	0.44994
43	0.89989	SLE_SISMA _DOWN	Min	0.0000	0.0000	43-1	0.89989
43	0.00000	SLE_SISMA _UP	Max	0.0000	718.8431	43-1	0.00000
43	0.44994	SLE_SISMA _UP	Max	0.0000	707.6453	43-1	0.44994
43	0.89989	SLE_SISMA _UP	Max	0.0000	691.6698	43-1	0.89989
43	0.00000	SLE_SISMA _UP	Min	0.0000	0.0000	43-1	0.00000
43	0.44994	SLE_SISMA _UP	Min	0.0000	0.0000	43-1	0.44994
43	0.89989	SLE_SISMA _UP	Min	0.0000	0.0000	43-1	0.89989
43	0.00000	SLU_SISMA _DOWN	Max	0.0000	951.2996	43-1	0.00000
43	0.44994	SLU_SISMA _DOWN	Max	0.0000	906.0007	43-1	0.44994
43	0.89989	SLU_SISMA _DOWN	Max	0.0000	854.9776	43-1	0.89989
43	0.00000	SLU_SISMA _DOWN	Min	0.0000	0.0000	43-1	0.00000
43	0.44994	SLU_SISMA _DOWN	Min	0.0000	0.0000	43-1	0.44994
43	0.89989	SLU_SISMA _DOWN	Min	0.0000	0.0000	43-1	0.89989
43	0.00000	SLU_SISMA _UP	Max	0.0000	797.4229	43-1	0.00000
43	0.44994	SLU_SISMA _UP	Max	0.0000	750.2595	43-1	0.44994
43	0.89989	SLU_SISMA _UP	Max	0.0000	698.6979	43-1	0.89989

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem	ElemStation m
43	0.00000	SLU_SISMA _UP	Min	0.0000	0.0000	43-1	0.00000
43	0.44994	SLU_SISMA _UP	Min	0.0000	0.0000	43-1	0.44994
43	0.89989	SLU_SISMA _UP	Min	0.0000	0.0000	43-1	0.89989
44	0.00000	SLE	Max	0.0000	658.0008	44-1	0.00000
44	0.44994	SLE	Max	0.0000	766.7950	44-1	0.44994
44	0.89989	SLE	Max	0.0000	870.5279	44-1	0.89989
44	0.00000	SLE	Min	0.0000	0.0000	44-1	0.00000
44	0.44994	SLE	Min	0.0000	0.0000	44-1	0.44994
44	0.89989	SLE	Min	0.0000	0.0000	44-1	0.89989
44	0.00000	SLE_SISMA _DOWN	Max	0.0000	754.7592	44-1	0.00000
44	0.44994	SLE_SISMA _DOWN	Max	0.0000	834.0565	44-1	0.44994
44	0.89989	SLE_SISMA _DOWN	Max	0.0000	908.0090	44-1	0.89989
44	0.00000	SLE_SISMA _DOWN	Min	0.0000	0.0000	44-1	0.00000
44	0.44994	SLE_SISMA _DOWN	Min	0.0000	0.0000	44-1	0.44994
44	0.89989	SLE_SISMA _DOWN	Min	0.0000	0.0000	44-1	0.89989
44	0.00000	SLE_SISMA _UP	Max	0.0000	691.6698	44-1	0.00000
44	0.44994	SLE_SISMA _UP	Max	0.0000	761.4619	44-1	0.44994
44	0.89989	SLE_SISMA _UP	Max	0.0000	826.4763	44-1	0.89989
44	0.00000	SLE_SISMA _UP	Min	0.0000	0.0000	44-1	0.00000
44	0.44994	SLE_SISMA _UP	Min	0.0000	0.0000	44-1	0.44994
44	0.89989	SLE_SISMA _UP	Min	0.0000	0.0000	44-1	0.89989
44	0.00000	SLU_SISMA _DOWN	Max	0.0000	854.9776	44-1	0.00000
44	0.44994	SLU_SISMA _DOWN	Max	0.0000	895.2094	44-1	0.44994
44	0.89989	SLU_SISMA _DOWN	Max	0.0000	929.7168	44-1	0.89989
44	0.00000	SLU_SISMA _DOWN	Min	0.0000	0.0000	44-1	0.00000
44	0.44994	SLU_SISMA _DOWN	Min	0.0000	0.0000	44-1	0.44994
44	0.89989	SLU_SISMA _DOWN	Min	0.0000	0.0000	44-1	0.89989
44	0.00000	SLU_SISMA _UP	Max	0.0000	698.6979	44-1	0.00000
44	0.44994	SLU_SISMA _UP	Max	0.0000	718.5899	44-1	0.44994
44	0.89989	SLU_SISMA _UP	Max	0.0000	734.0837	44-1	0.89989
44	0.00000	SLU_SISMA _UP	Min	0.0000	0.0000	44-1	0.00000
44	0.44994	SLU_SISMA _UP	Min	0.0000	0.0000	44-1	0.44994
44	0.89989	SLU_SISMA _UP	Min	0.0000	0.0000	44-1	0.89989
45	0.00000	SLE	Max	0.0000	0.0000	45-1	0.00000
45	1.03479	SLE	Max	0.0000	11.6400	45-1	1.03479
45	2.06958	SLE	Max	0.0000	2.665E-14	45-1	2.06958
45	0.00000	SLE	Min	0.0000	0.0000	45-1	0.00000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem	ElemStation m
45	1.03479	SLE	Min	0.0000	0.0000	45-1	1.03479
45	2.06958	SLE	Min	0.0000	0.0000	45-1	2.06958
45	0.00000	SLE_SISMA _DOWN	Max	0.0000	0.0000	45-1	0.00000
45	1.03479	SLE_SISMA _DOWN	Max	0.0000	12.2918	45-1	1.03479
45	2.06958	SLE_SISMA _DOWN	Max	0.0000	1.776E-14	45-1	2.06958
45	0.00000	SLE_SISMA _DOWN	Min	0.0000	0.0000	45-1	0.00000
45	1.03479	SLE_SISMA _DOWN	Min	0.0000	0.0000	45-1	1.03479
45	2.06958	SLE_SISMA _DOWN	Min	0.0000	0.0000	45-1	2.06958
45	0.00000	SLE_SISMA _UP	Max	0.0000	0.0000	45-1	0.00000
45	1.03479	SLE_SISMA _UP	Max	0.0000	10.9881	45-1	1.03479
45	2.06958	SLE_SISMA _UP	Max	0.0000	8.882E-15	45-1	2.06958
45	0.00000	SLE_SISMA _UP	Min	0.0000	0.0000	45-1	0.00000
45	1.03479	SLE_SISMA _UP	Min	0.0000	0.0000	45-1	1.03479
45	2.06958	SLE_SISMA _UP	Min	0.0000	0.0000	45-1	2.06958
45	0.00000	SLU_SISMA _DOWN	Max	0.0000	0.0000	45-1	0.00000
45	1.03479	SLU_SISMA _DOWN	Max	0.0000	13.1648	45-1	1.03479
45	2.06958	SLU_SISMA _DOWN	Max	0.0000	1.776E-14	45-1	2.06958
45	0.00000	SLU_SISMA _DOWN	Min	0.0000	0.0000	45-1	0.00000
45	1.03479	SLU_SISMA _DOWN	Min	0.0000	0.0000	45-1	1.03479
45	2.06958	SLU_SISMA _DOWN	Min	0.0000	0.0000	45-1	2.06958
45	0.00000	SLU_SISMA _UP	Max	0.0000	0.0000	45-1	0.00000
45	1.03479	SLU_SISMA _UP	Max	0.0000	10.1151	45-1	1.03479
45	2.06958	SLU_SISMA _UP	Max	0.0000	0.0000	45-1	2.06958
45	0.00000	SLU_SISMA _UP	Min	0.0000	0.0000	45-1	0.00000
45	1.03479	SLU_SISMA _UP	Min	0.0000	0.0000	45-1	1.03479
45	2.06958	SLU_SISMA _UP	Min	0.0000	0.0000	45-1	2.06958
46	0.00000	SLE	Max	0.0000	0.0000	46-1	0.00000
46	1.03479	SLE	Max	0.0000	11.6400	46-1	1.03479
46	2.06958	SLE	Max	0.0000	2.665E-14	46-1	2.06958
46	0.00000	SLE	Min	0.0000	0.0000	46-1	0.00000
46	1.03479	SLE	Min	0.0000	0.0000	46-1	1.03479
46	2.06958	SLE	Min	0.0000	0.0000	46-1	2.06958
46	0.00000	SLE_SISMA _DOWN	Max	0.0000	0.0000	46-1	0.00000
46	1.03479	SLE_SISMA _DOWN	Max	0.0000	12.2918	46-1	1.03479
46	2.06958	SLE_SISMA _DOWN	Max	0.0000	1.776E-14	46-1	2.06958
46	0.00000	SLE_SISMA _DOWN	Min	0.0000	0.0000	46-1	0.00000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem	ElemStation m
46	1.03479	SLE_SISMA _DOWN	Min	0.0000	0.0000	46-1	1.03479
46	2.06958	SLE_SISMA _DOWN	Min	0.0000	0.0000	46-1	2.06958
46	0.00000	SLE_SISMA _UP	Max	0.0000	0.0000	46-1	0.00000
46	1.03479	SLE_SISMA _UP	Max	0.0000	10.9881	46-1	1.03479
46	2.06958	SLE_SISMA _UP	Max	0.0000	8.882E-15	46-1	2.06958
46	0.00000	SLE_SISMA _UP	Min	0.0000	0.0000	46-1	0.00000
46	1.03479	SLE_SISMA _UP	Min	0.0000	0.0000	46-1	1.03479
46	2.06958	SLE_SISMA _UP	Min	0.0000	0.0000	46-1	2.06958
46	0.00000	SLU_SISMA _DOWN	Max	0.0000	0.0000	46-1	0.00000
46	1.03479	SLU_SISMA _DOWN	Max	0.0000	13.1648	46-1	1.03479
46	2.06958	SLU_SISMA _DOWN	Max	0.0000	1.776E-14	46-1	2.06958
46	0.00000	SLU_SISMA _DOWN	Min	0.0000	0.0000	46-1	0.00000
46	1.03479	SLU_SISMA _DOWN	Min	0.0000	0.0000	46-1	1.03479
46	2.06958	SLU_SISMA _DOWN	Min	0.0000	0.0000	46-1	2.06958
46	0.00000	SLU_SISMA _UP	Max	0.0000	0.0000	46-1	0.00000
46	1.03479	SLU_SISMA _UP	Max	0.0000	10.1151	46-1	1.03479
46	2.06958	SLU_SISMA _UP	Max	0.0000	0.0000	46-1	2.06958
46	0.00000	SLU_SISMA _UP	Min	0.0000	0.0000	46-1	0.00000
46	1.03479	SLU_SISMA _UP	Min	0.0000	0.0000	46-1	1.03479
46	2.06958	SLU_SISMA _UP	Min	0.0000	0.0000	46-1	2.06958

Table: Element Joint Forces - Frames, Part 1 of 2

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
1	1	SLE	NonStatic	Max	1332.936	0.000	339.850	0.0000
1	2	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
1	1	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
1	2	SLE	NonStatic	Min	-1460.249	0.000	-288.762	0.0000
1	1	SLE_SISMA _DOWN	NonStatic	Max	1414.334	0.000	269.553	0.0000
1	2	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
1	1	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
1	2	SLE_SISMA _DOWN	NonStatic	Min	-1552.971	0.000	-215.604	0.0000
1	1	SLE_SISMA _UP	NonStatic	Max	1265.622	0.000	240.177	0.0000
1	2	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
1	1	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000
1	2	SLE_SISMA_UP	NonStatic	Min	-1404.259	0.000	-191.950	0.0000
1	1	SLU_SISMA_DOWN	NonStatic	Max	1399.398	0.000	176.738	0.0000
1	2	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
1	1	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
1	2	SLU_SISMA_DOWN	NonStatic	Min	-1580.228	0.000	-118.957	0.0000
1	1	SLU_SISMA_UP	NonStatic	Max	1040.674	0.000	111.981	0.0000
1	2	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000
1	1	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000
1	2	SLU_SISMA_UP	NonStatic	Min	-1221.504	0.000	-67.586	0.0000
2	2	SLE	NonStatic	Max	0.000	0.000	1339.987	0.0000
2	3	SLE	NonStatic	Max	329.013	0.000	0.000	0.0000
2	2	SLE	NonStatic	Min	-427.864	0.000	0.000	0.0000
2	3	SLE	NonStatic	Min	0.000	0.000	-1306.707	0.0000
2	2	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	1349.545	0.0000
2	3	SLE_SISMA_DOWN	NonStatic	Max	384.270	0.000	0.000	0.0000
2	2	SLE_SISMA_DOWN	NonStatic	Min	-492.520	0.000	0.000	0.0000
2	3	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	-1314.401	0.0000
2	2	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	1239.867	0.0000
2	3	SLE_SISMA_UP	NonStatic	Max	376.352	0.000	0.000	0.0000
2	2	SLE_SISMA_UP	NonStatic	Min	-484.601	0.000	0.000	0.0000
2	3	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	-1208.451	0.0000
2	2	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	1368.922	0.0000
2	3	SLU_SISMA_DOWN	NonStatic	Max	531.140	0.000	0.000	0.0000
2	2	SLU_SISMA_DOWN	NonStatic	Min	-673.049	0.000	0.000	0.0000
2	3	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	-1331.283	0.0000
2	2	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	1108.298	0.0000
2	3	SLU_SISMA_UP	NonStatic	Max	509.338	0.000	0.000	0.0000
2	2	SLU_SISMA_UP	NonStatic	Min	-651.248	0.000	0.000	0.0000
2	3	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	-1079.377	0.0000
3	3	SLE	NonStatic	Max	0.000	0.000	1306.707	0.0000
3	4	SLE	NonStatic	Max	225.997	0.000	0.000	0.0000
3	3	SLE	NonStatic	Min	-318.774	0.000	0.000	0.0000
3	4	SLE	NonStatic	Min	0.000	0.000	-1278.303	0.0000
3	3	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	1314.401	0.0000
3	4	SLE_SISMA_DOWN	NonStatic	Max	282.096	0.000	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
3	3	SLE_SISMA_DOWN	NonStatic	Min	-384.270	0.000	0.000	0.0000
3	4	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	-1284.406	0.0000
3	3	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	1208.451	0.0000
3	4	SLE_SISMA_UP	NonStatic	Max	274.177	0.000	0.000	0.0000
3	3	SLE_SISMA_UP	NonStatic	Min	-376.352	0.000	0.000	0.0000
3	4	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	-1181.637	0.0000
3	3	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	1331.283	0.0000
3	4	SLU_SISMA_DOWN	NonStatic	Max	396.514	0.000	0.000	0.0000
3	3	SLU_SISMA_DOWN	NonStatic	Min	-531.140	0.000	0.000	0.0000
3	4	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	-1299.157	0.0000
3	3	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	1079.377	0.0000
3	4	SLU_SISMA_UP	NonStatic	Max	374.712	0.000	0.000	0.0000
3	3	SLU_SISMA_UP	NonStatic	Min	-509.338	0.000	0.000	0.0000
3	4	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	-1054.694	0.0000
4	4	SLE	NonStatic	Max	0.000	0.000	1278.303	0.0000
4	5	SLE	NonStatic	Max	127.826	0.000	0.000	0.0000
4	4	SLE	NonStatic	Min	-214.457	0.000	0.000	0.0000
4	5	SLE	NonStatic	Min	0.000	0.000	-1252.230	0.0000
4	4	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	1284.406	0.0000
4	5	SLE_SISMA_DOWN	NonStatic	Max	186.067	0.000	0.000	0.0000
4	4	SLE_SISMA_DOWN	NonStatic	Min	-282.096	0.000	0.000	0.0000
4	5	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	-1256.873	0.0000
4	4	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	1181.637	0.0000
4	5	SLE_SISMA_UP	NonStatic	Max	178.149	0.000	0.000	0.0000
4	4	SLE_SISMA_UP	NonStatic	Min	-274.177	0.000	0.000	0.0000
4	5	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	-1157.024	0.0000
4	4	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	1299.157	0.0000
4	5	SLU_SISMA_DOWN	NonStatic	Max	269.258	0.000	0.000	0.0000
4	4	SLU_SISMA_DOWN	NonStatic	Min	-396.514	0.000	0.000	0.0000
4	5	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	-1269.669	0.0000
4	4	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	1054.694	0.0000
4	5	SLU_SISMA_UP	NonStatic	Max	247.456	0.000	0.000	0.0000
4	4	SLU_SISMA_UP	NonStatic	Min	-374.712	0.000	0.000	0.0000
4	5	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	-1032.037	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
5	5	SLE	NonStatic	Max	0.000	0.000	1252.230	0.0000
5	6	SLE	NonStatic	Max	18.361	0.000	0.000	0.0000
5	5	SLE	NonStatic	Min	-121.824	0.000	0.000	0.0000
5	6	SLE	NonStatic	Min	0.000	0.000	-1198.702	0.0000
5	5	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	1256.873	0.0000
5	6	SLE_SISMA _DOWN	NonStatic	Max	70.380	0.000	0.000	0.0000
5	5	SLE_SISMA _DOWN	NonStatic	Min	-186.067	0.000	0.000	0.0000
5	6	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	-1200.801	0.0000
5	5	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	1157.024	0.0000
5	6	SLE_SISMA _UP	NonStatic	Max	62.462	0.000	0.000	0.0000
5	5	SLE_SISMA _UP	NonStatic	Min	-178.149	0.000	0.000	0.0000
5	6	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	-1106.040	0.0000
5	5	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	1269.669	0.0000
5	6	SLU_SISMA _DOWN	NonStatic	Max	114.787	0.000	0.000	0.0000
5	5	SLU_SISMA _DOWN	NonStatic	Min	-269.258	0.000	0.000	0.0000
5	6	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	-1210.098	0.0000
5	5	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	1032.037	0.0000
5	6	SLU_SISMA _UP	NonStatic	Max	92.985	0.000	0.000	0.0000
5	5	SLU_SISMA _UP	NonStatic	Min	-247.456	0.000	0.000	0.0000
5	6	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	-984.552	0.0000
6	6	SLE	NonStatic	Max	0.000	0.000	1198.702	0.0000
6	7	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
6	6	SLE	NonStatic	Min	-18.362	0.000	0.000	0.0000
6	7	SLE	NonStatic	Min	-72.554	0.000	-1107.275	0.0000
6	6	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	1200.801	0.0000
6	7	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
6	6	SLE_SISMA _DOWN	NonStatic	Min	-70.380	0.000	0.000	0.0000
6	7	SLE_SISMA _DOWN	NonStatic	Min	-32.458	0.000	-1105.470	0.0000
6	6	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	1106.040	0.0000
6	7	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
6	6	SLE_SISMA _UP	NonStatic	Min	-62.462	0.000	0.000	0.0000
6	7	SLE_SISMA _UP	NonStatic	Min	-40.377	0.000	-1018.518	0.0000
6	6	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	1210.098	0.0000
6	7	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
6	6	SLU_SISMA _DOWN	NonStatic	Min	-114.787	0.000	0.000	0.0000
6	7	SLU_SISMA _DOWN	NonStatic	Min	-23.891	0.000	-1109.292	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
6	6	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	984.552	0.0000
6	7	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
6	6	SLU_SISMA _UP	NonStatic	Min	-92.985	0.000	0.000	0.0000
6	7	SLU_SISMA _UP	NonStatic	Min	-45.693	0.000	-902.504	0.0000
7	7	SLE	NonStatic	Max	72.551	0.000	1107.276	0.0000
7	8	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
7	7	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
7	8	SLE	NonStatic	Min	-149.781	0.000	-979.710	0.0000
7	7	SLE_SISMA _DOWN	NonStatic	Max	32.458	0.000	1105.470	0.0000
7	8	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
7	7	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
7	8	SLE_SISMA _DOWN	NonStatic	Min	-121.016	0.000	-972.542	0.0000
7	7	SLE_SISMA _UP	NonStatic	Max	40.377	0.000	1018.518	0.0000
7	8	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
7	7	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
7	8	SLE_SISMA _UP	NonStatic	Min	-128.935	0.000	-896.314	0.0000
7	7	SLU_SISMA _DOWN	NonStatic	Max	23.891	0.000	1109.292	0.0000
7	8	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
7	7	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
7	8	SLU_SISMA _DOWN	NonStatic	Min	-144.679	0.000	-968.822	0.0000
7	7	SLU_SISMA _UP	NonStatic	Max	45.693	0.000	902.504	0.0000
7	8	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
7	7	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
7	8	SLU_SISMA _UP	NonStatic	Min	-166.481	0.000	-787.842	0.0000
8	8	SLE	NonStatic	Max	149.777	0.000	979.712	0.0000
8	9	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
8	8	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
8	9	SLE	NonStatic	Min	-213.167	0.000	-832.057	0.0000
8	8	SLE_SISMA _DOWN	NonStatic	Max	121.016	0.000	972.542	0.0000
8	9	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
8	8	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
8	9	SLE_SISMA _DOWN	NonStatic	Min	-194.862	0.000	-818.782	0.0000
8	8	SLE_SISMA _UP	NonStatic	Max	128.935	0.000	896.314	0.0000
8	9	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
8	8	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
8	9	SLE_SISMA _UP	NonStatic	Min	-202.780	0.000	-754.764	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
8	8	SLU_SISMA _DOWN	NonStatic	Max	144.679	0.000	968.822	0.0000
8	9	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
8	8	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
8	9	SLU_SISMA _DOWN	NonStatic	Min	-246.701	0.000	-806.447	0.0000
8	8	SLU_SISMA _UP	NonStatic	Max	166.481	0.000	787.842	0.0000
8	9	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
8	8	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
8	9	SLU_SISMA _UP	NonStatic	Min	-268.503	0.000	-654.906	0.0000
9	9	SLE	NonStatic	Max	213.162	0.000	832.061	0.0000
9	10	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
9	9	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
9	10	SLE	NonStatic	Min	-263.310	0.000	-685.018	0.0000
9	9	SLE_SISMA _DOWN	NonStatic	Max	194.862	0.000	818.782	0.0000
9	10	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
9	9	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
9	10	SLE_SISMA _DOWN	NonStatic	Min	-254.334	0.000	-665.889	0.0000
9	9	SLE_SISMA _UP	NonStatic	Max	202.780	0.000	754.764	0.0000
9	10	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
9	9	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
9	10	SLE_SISMA _UP	NonStatic	Min	-262.252	0.000	-613.569	0.0000
9	9	SLU_SISMA _DOWN	NonStatic	Max	246.701	0.000	806.447	0.0000
9	10	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
9	9	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
9	10	SLU_SISMA _DOWN	NonStatic	Min	-330.031	0.000	-645.238	0.0000
9	9	SLU_SISMA _UP	NonStatic	Max	268.503	0.000	654.906	0.0000
9	10	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
9	9	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
9	10	SLU_SISMA _UP	NonStatic	Min	-351.832	0.000	-522.028	0.0000
10	10	SLE	NonStatic	Max	263.304	0.000	685.024	0.0000
10	11	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
10	10	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
10	11	SLE	NonStatic	Min	-301.355	0.000	-543.346	0.0000
10	10	SLE_SISMA _DOWN	NonStatic	Max	254.334	0.000	665.889	0.0000
10	11	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
10	10	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
10	11	SLE_SISMA _DOWN	NonStatic	Min	-300.349	0.000	-518.759	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
10	10	SLE_SISMA_UP	NonStatic	Max	262.252	0.000	613.569	0.0000
10	11	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000
10	10	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000
10	11	SLE_SISMA_UP	NonStatic	Min	-308.267	0.000	-477.344	0.0000
10	10	SLU_SISMA_DOWN	NonStatic	Max	330.031	0.000	645.238	0.0000
10	11	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
10	10	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
10	11	SLU_SISMA_DOWN	NonStatic	Min	-395.470	0.000	-490.303	0.0000
10	10	SLU_SISMA_UP	NonStatic	Max	351.832	0.000	522.028	0.0000
10	11	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000
10	10	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000
10	11	SLU_SISMA_UP	NonStatic	Min	-417.272	0.000	-393.608	0.0000
11	11	SLE	NonStatic	Max	301.349	0.000	543.355	0.0000
11	12	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
11	11	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
11	12	SLE	NonStatic	Min	-328.758	0.000	-404.862	0.0000
11	11	SLE_SISMA_DOWN	NonStatic	Max	300.349	0.000	518.759	0.0000
11	12	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
11	11	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
11	12	SLE_SISMA_DOWN	NonStatic	Min	-334.164	0.000	-375.002	0.0000
11	11	SLE_SISMA_UP	NonStatic	Max	308.267	0.000	477.344	0.0000
11	12	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000
11	11	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000
11	12	SLE_SISMA_UP	NonStatic	Min	-342.083	0.000	-344.116	0.0000
11	11	SLU_SISMA_DOWN	NonStatic	Max	395.470	0.000	490.303	0.0000
11	12	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
11	11	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
11	12	SLU_SISMA_DOWN	NonStatic	Min	-444.276	0.000	-338.991	0.0000
11	11	SLU_SISMA_UP	NonStatic	Max	417.272	0.000	393.608	0.0000
11	12	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000
11	11	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000
11	12	SLU_SISMA_UP	NonStatic	Min	-466.078	0.000	-267.935	0.0000
12	12	SLE	NonStatic	Max	328.753	0.000	404.872	0.0000
12	13	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
12	12	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
12	13	SLE	NonStatic	Min	-347.022	0.000	-268.251	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
12	12	SLE_SISMA _DOWN	NonStatic	Max	334.164	0.000	375.002	0.0000
12	13	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
12	12	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
12	13	SLE_SISMA _DOWN	NonStatic	Min	-357.126	0.000	-233.187	0.0000
12	12	SLE_SISMA _UP	NonStatic	Max	342.083	0.000	344.116	0.0000
12	13	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
12	12	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
12	13	SLE_SISMA _UP	NonStatic	Min	-365.045	0.000	-212.689	0.0000
12	12	SLU_SISMA _DOWN	NonStatic	Max	444.276	0.000	338.991	0.0000
12	13	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
12	12	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
12	13	SLU_SISMA _DOWN	NonStatic	Min	-477.858	0.000	-189.722	0.0000
12	12	SLU_SISMA _UP	NonStatic	Max	466.078	0.000	267.935	0.0000
12	13	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
12	12	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
12	13	SLU_SISMA _UP	NonStatic	Min	-499.660	0.000	-143.962	0.0000
13	13	SLE	NonStatic	Max	347.019	0.000	268.264	0.0000
13	14	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
13	13	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
13	14	SLE	NonStatic	Min	-357.414	0.000	-133.529	0.0000
13	13	SLE_SISMA _DOWN	NonStatic	Max	357.126	0.000	233.187	0.0000
13	14	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
13	13	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
13	14	SLE_SISMA _DOWN	NonStatic	Min	-370.385	0.000	-93.318	0.0000
13	13	SLE_SISMA _UP	NonStatic	Max	365.045	0.000	212.689	0.0000
13	14	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
13	13	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
13	14	SLE_SISMA _UP	NonStatic	Min	-378.303	0.000	-83.087	0.0000
13	13	SLU_SISMA _DOWN	NonStatic	Max	477.858	0.000	189.722	0.0000
13	14	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
13	13	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
13	14	SLU_SISMA _DOWN	NonStatic	Min	-497.446	0.000	-42.490	0.0000
13	13	SLU_SISMA _UP	NonStatic	Max	499.660	0.000	143.962	0.0000
13	14	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
13	13	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000
13	14	SLU_SISMA_UP	NonStatic	Min	-519.247	0.000	-21.724	0.0000
14	14	SLE	NonStatic	Max	357.412	0.000	133.542	0.0000
14	15	SLE	NonStatic	Max	0.000	0.000	6.828E-03	0.0000
14	14	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
14	15	SLE	NonStatic	Min	-360.780	0.000	0.000	0.0000
14	14	SLE_SISMA_DOWN	NonStatic	Max	370.385	0.000	93.318	0.0000
14	15	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	45.325	0.0000
14	14	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
14	15	SLE_SISMA_DOWN	NonStatic	Min	-374.715	0.000	0.000	0.0000
14	14	SLE_SISMA_UP	NonStatic	Max	378.303	0.000	83.087	0.0000
14	15	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	45.366	0.0000
14	14	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000
14	15	SLE_SISMA_UP	NonStatic	Min	-382.633	0.000	0.000	0.0000
14	14	SLU_SISMA_DOWN	NonStatic	Max	497.446	0.000	42.490	0.0000
14	15	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	103.460	0.0000
14	14	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
14	15	SLU_SISMA_DOWN	NonStatic	Min	-503.878	0.000	0.000	0.0000
14	14	SLU_SISMA_UP	NonStatic	Max	519.247	0.000	21.724	0.0000
14	15	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	99.423	0.0000
14	14	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000
14	15	SLU_SISMA_UP	NonStatic	Min	-525.680	0.000	0.000	0.0000
15	15	SLE	NonStatic	Max	360.780	0.000	6.828E-03	0.0000
15	16	SLE	NonStatic	Max	0.000	0.000	133.542	0.0000
15	15	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
15	16	SLE	NonStatic	Min	-357.412	0.000	0.000	0.0000
15	15	SLE_SISMA_DOWN	NonStatic	Max	374.715	0.000	0.000	0.0000
15	16	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	183.969	0.0000
15	15	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	-45.325	0.0000
15	16	SLE_SISMA_DOWN	NonStatic	Min	-372.309	0.000	0.000	0.0000
15	15	SLE_SISMA_UP	NonStatic	Max	382.633	0.000	0.000	0.0000
15	16	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	173.820	0.0000
15	15	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	-45.366	0.0000
15	16	SLE_SISMA_UP	NonStatic	Min	-380.227	0.000	0.000	0.0000
15	15	SLU_SISMA_DOWN	NonStatic	Max	503.878	0.000	0.000	0.0000
15	16	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	249.410	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
15	15	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	-103.460	0.0000
15	16	SLU_SISMA_DOWN	NonStatic	Min	-502.233	0.000	0.000	0.0000
15	15	SLU_SISMA_UP	NonStatic	Max	525.680	0.000	0.000	0.0000
15	16	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	220.570	0.0000
15	15	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	-99.423	0.0000
15	16	SLU_SISMA_UP	NonStatic	Min	-524.035	0.000	0.000	0.0000
16	16	SLE	NonStatic	Max	357.414	0.000	0.000	0.0000
16	17	SLE	NonStatic	Max	0.000	0.000	268.264	0.0000
16	16	SLE	NonStatic	Min	0.000	0.000	-133.529	0.0000
16	17	SLE	NonStatic	Min	-347.019	0.000	0.000	0.0000
16	16	SLE_SISMA_DOWN	NonStatic	Max	372.309	0.000	0.000	0.0000
16	17	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	323.838	0.0000
16	16	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	-183.969	0.0000
16	17	SLE_SISMA_DOWN	NonStatic	Min	-364.775	0.000	0.000	0.0000
16	16	SLE_SISMA_UP	NonStatic	Max	380.227	0.000	0.000	0.0000
16	17	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	303.421	0.0000
16	16	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	-173.820	0.0000
16	17	SLE_SISMA_UP	NonStatic	Min	-372.694	0.000	0.000	0.0000
16	16	SLU_SISMA_DOWN	NonStatic	Max	502.233	0.000	0.000	0.0000
16	17	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	396.642	0.0000
16	16	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	-249.410	0.0000
16	17	SLU_SISMA_DOWN	NonStatic	Min	-496.892	0.000	0.000	0.0000
16	16	SLU_SISMA_UP	NonStatic	Max	524.035	0.000	0.000	0.0000
16	17	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	342.809	0.0000
16	16	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	-220.570	0.0000
16	17	SLU_SISMA_UP	NonStatic	Min	-518.693	0.000	0.000	0.0000
17	17	SLE	NonStatic	Max	347.022	0.000	0.000	0.0000
17	18	SLE	NonStatic	Max	0.000	0.000	404.872	0.0000
17	17	SLE	NonStatic	Min	0.000	0.000	-268.251	0.0000
17	18	SLE	NonStatic	Min	-328.753	0.000	0.000	0.0000
17	17	SLE_SISMA_DOWN	NonStatic	Max	364.775	0.000	0.000	0.0000
17	18	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	465.653	0.0000
17	17	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	-323.838	0.0000
17	18	SLE_SISMA_DOWN	NonStatic	Min	-351.198	0.000	0.000	0.0000
17	17	SLE_SISMA_UP	NonStatic	Max	372.694	0.000	0.000	0.0000
17	18	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	434.848	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
17	17	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	-303.421	0.0000
17	18	SLE_SISMA_UP	NonStatic	Min	-359.117	0.000	0.000	0.0000
17	17	SLU_SISMA_DOWN	NonStatic	Max	496.892	0.000	0.000	0.0000
17	18	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	545.911	0.0000
17	17	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	-396.642	0.0000
17	18	SLU_SISMA_DOWN	NonStatic	Min	-486.663	0.000	0.000	0.0000
17	17	SLU_SISMA_UP	NonStatic	Max	518.693	0.000	0.000	0.0000
17	18	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	466.781	0.0000
17	17	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	-342.809	0.0000
17	18	SLU_SISMA_UP	NonStatic	Min	-508.465	0.000	0.000	0.0000
18	18	SLE	NonStatic	Max	328.758	0.000	0.000	0.0000
18	19	SLE	NonStatic	Max	0.000	0.000	543.355	0.0000
18	18	SLE	NonStatic	Min	0.000	0.000	-404.862	0.0000
18	19	SLE	NonStatic	Min	-301.349	0.000	0.000	0.0000
18	18	SLE_SISMA_DOWN	NonStatic	Max	351.198	0.000	0.000	0.0000
18	19	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	609.410	0.0000
18	18	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	-465.653	0.0000
18	19	SLE_SISMA_DOWN	NonStatic	Min	-330.196	0.000	0.000	0.0000
18	18	SLE_SISMA_UP	NonStatic	Max	359.117	0.000	0.000	0.0000
18	19	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	568.076	0.0000
18	18	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	-434.848	0.0000
18	19	SLE_SISMA_UP	NonStatic	Min	-338.114	0.000	0.000	0.0000
18	18	SLU_SISMA_DOWN	NonStatic	Max	486.663	0.000	0.000	0.0000
18	19	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	697.223	0.0000
18	18	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	-545.911	0.0000
18	19	SLU_SISMA_DOWN	NonStatic	Min	-469.741	0.000	0.000	0.0000
18	18	SLU_SISMA_UP	NonStatic	Max	508.465	0.000	0.000	0.0000
18	19	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	592.455	0.0000
18	18	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	-466.781	0.0000
18	19	SLU_SISMA_UP	NonStatic	Min	-491.543	0.000	0.000	0.0000
19	19	SLE	NonStatic	Max	301.355	0.000	0.000	0.0000
19	20	SLE	NonStatic	Max	0.000	0.000	685.024	0.0000
19	19	SLE	NonStatic	Min	0.000	0.000	-543.346	0.0000
19	20	SLE	NonStatic	Min	-263.304	0.000	0.000	0.0000
19	19	SLE_SISMA_DOWN	NonStatic	Max	330.196	0.000	0.000	0.0000
19	20	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	756.540	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
19	19	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	-609.410	0.0000
19	20	SLE_SISMA_DOWN	NonStatic	Min	-300.108	0.000	0.000	0.0000
19	19	SLE_SISMA_UP	NonStatic	Max	338.114	0.000	0.000	0.0000
19	20	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	704.301	0.0000
19	19	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	-568.076	0.0000
19	20	SLE_SISMA_UP	NonStatic	Min	-308.026	0.000	0.000	0.0000
19	19	SLU_SISMA_DOWN	NonStatic	Max	469.741	0.000	0.000	0.0000
19	20	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	852.158	0.0000
19	19	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	-697.223	0.0000
19	20	SLU_SISMA_DOWN	NonStatic	Min	-443.933	0.000	0.000	0.0000
19	19	SLU_SISMA_UP	NonStatic	Max	491.543	0.000	0.000	0.0000
19	20	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	720.875	0.0000
19	19	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	-592.455	0.0000
19	20	SLU_SISMA_UP	NonStatic	Min	-465.735	0.000	0.000	0.0000
20	20	SLE	NonStatic	Max	263.310	0.000	0.000	0.0000
20	21	SLE	NonStatic	Max	0.000	0.000	832.061	0.0000
20	20	SLE	NonStatic	Min	0.000	0.000	-685.018	0.0000
20	21	SLE	NonStatic	Min	-213.162	0.000	0.000	0.0000
20	20	SLE_SISMA_DOWN	NonStatic	Max	300.108	0.000	0.000	0.0000
20	21	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	909.433	0.0000
20	20	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	-756.540	0.0000
20	21	SLE_SISMA_DOWN	NonStatic	Min	-259.284	0.000	0.000	0.0000
20	20	SLE_SISMA_UP	NonStatic	Max	308.026	0.000	0.000	0.0000
20	21	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	845.496	0.0000
20	20	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	-704.301	0.0000
20	21	SLE_SISMA_UP	NonStatic	Min	-267.202	0.000	0.000	0.0000
20	20	SLU_SISMA_DOWN	NonStatic	Max	443.933	0.000	0.000	0.0000
20	21	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	1013.367	0.0000
20	20	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	-852.158	0.0000
20	21	SLU_SISMA_DOWN	NonStatic	Min	-407.006	0.000	0.000	0.0000
20	20	SLU_SISMA_UP	NonStatic	Max	465.735	0.000	0.000	0.0000
20	21	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	853.753	0.0000
20	20	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	-720.875	0.0000
20	21	SLU_SISMA_UP	NonStatic	Min	-428.808	0.000	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
21	21	SLE	NonStatic	Max	213.167	0.000	0.000	0.0000
21	22	SLE	NonStatic	Max	0.000	0.000	979.712	0.0000
21	21	SLE	NonStatic	Min	0.000	0.000	-832.057	0.0000
21	22	SLE	NonStatic	Min	-149.777	0.000	0.000	0.0000
21	21	SLE_SISMA _DOWN	NonStatic	Max	259.284	0.000	0.000	0.0000
21	22	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	1063.193	0.0000
21	21	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	-909.433	0.0000
21	22	SLE_SISMA _DOWN	NonStatic	Min	-206.348	0.000	0.000	0.0000
21	21	SLE_SISMA _UP	NonStatic	Max	267.202	0.000	0.000	0.0000
21	22	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	987.046	0.0000
21	21	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	-845.496	0.0000
21	22	SLE_SISMA _UP	NonStatic	Min	-214.266	0.000	0.000	0.0000
21	21	SLU_SISMA _DOWN	NonStatic	Max	407.006	0.000	0.000	0.0000
21	22	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	1175.742	0.0000
21	21	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	-1013.367	0.0000
21	22	SLU_SISMA _DOWN	NonStatic	Min	-357.016	0.000	0.000	0.0000
21	21	SLU_SISMA _UP	NonStatic	Max	428.808	0.000	0.000	0.0000
21	22	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	986.689	0.0000
21	21	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	-853.753	0.0000
21	22	SLU_SISMA _UP	NonStatic	Min	-378.818	0.000	0.000	0.0000
22	22	SLE	NonStatic	Max	149.781	0.000	0.000	0.0000
22	23	SLE	NonStatic	Max	0.000	0.000	1107.276	0.0000
22	22	SLE	NonStatic	Min	0.000	0.000	-979.710	0.0000
22	23	SLE	NonStatic	Min	-72.551	0.000	0.000	0.0000
22	22	SLE_SISMA _DOWN	NonStatic	Max	206.348	0.000	0.000	0.0000
22	23	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	1196.121	0.0000
22	22	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	-1063.193	0.0000
22	23	SLE_SISMA _DOWN	NonStatic	Min	-140.447	0.000	0.000	0.0000
22	22	SLE_SISMA _UP	NonStatic	Max	214.266	0.000	0.000	0.0000
22	23	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	1109.250	0.0000
22	22	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	-987.046	0.0000
22	23	SLE_SISMA _UP	NonStatic	Min	-148.365	0.000	0.000	0.0000
22	22	SLU_SISMA _DOWN	NonStatic	Max	353.494	0.000	0.000	0.0000
22	23	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	1317.671	0.0000
22	22	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	-1177.201	0.0000
22	23	SLU_SISMA _DOWN	NonStatic	Min	-289.085	0.000	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
22	22	SLU_SISMA _UP	NonStatic	Max	368.044	0.000	0.000	0.0000
22	23	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	1105.813	0.0000
22	22	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	-991.151	0.0000
22	23	SLU_SISMA _UP	NonStatic	Min	-303.634	0.000	0.000	0.0000
23	23	SLE	NonStatic	Max	72.554	0.000	0.000	0.0000
23	24	SLE	NonStatic	Max	18.362	0.000	1198.702	0.0000
23	23	SLE	NonStatic	Min	0.000	0.000	-1107.275	0.0000
23	24	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
23	23	SLE_SISMA _DOWN	NonStatic	Max	140.447	0.000	0.000	0.0000
23	24	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	1291.452	0.0000
23	23	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	-1196.121	0.0000
23	24	SLE_SISMA _DOWN	NonStatic	Min	-61.454	0.000	0.000	0.0000
23	23	SLE_SISMA _UP	NonStatic	Max	148.305	0.000	0.000	0.0000
23	24	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	1196.787	0.0000
23	23	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	-1109.264	0.0000
23	24	SLE_SISMA _UP	NonStatic	Min	-69.313	0.000	0.000	0.0000
23	23	SLU_SISMA _DOWN	NonStatic	Max	260.643	0.000	0.000	0.0000
23	24	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	1425.492	0.0000
23	23	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	-1324.686	0.0000
23	24	SLU_SISMA _DOWN	NonStatic	Min	-181.303	0.000	0.000	0.0000
23	23	SLU_SISMA _UP	NonStatic	Max	265.047	0.000	0.000	0.0000
23	24	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	1198.518	0.0000
23	23	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	-1116.471	0.0000
23	24	SLU_SISMA _UP	NonStatic	Min	-185.707	0.000	0.000	0.0000
24	24	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
24	25	SLE	NonStatic	Max	121.824	0.000	1252.230	0.0000
24	24	SLE	NonStatic	Min	-18.361	0.000	-1198.702	0.0000
24	25	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
24	24	SLE_SISMA _DOWN	NonStatic	Max	41.853	0.000	0.000	0.0000
24	25	SLE_SISMA _DOWN	NonStatic	Max	49.386	0.000	1349.067	0.0000
24	24	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	-1292.995	0.0000
24	25	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
24	24	SLE_SISMA _UP	NonStatic	Max	49.284	0.000	0.000	0.0000
24	25	SLE_SISMA _UP	NonStatic	Max	41.955	0.000	1249.347	0.0000
24	24	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	-1198.363	0.0000
24	25	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
24	24	SLU_SISMA_DOWN	NonStatic	Max	105.546	0.000	0.000	0.0000
24	25	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	1494.972	0.0000
24	24	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	-1435.401	0.0000
24	25	SLU_SISMA_DOWN	NonStatic	Min	-11.911	0.000	0.000	0.0000
24	24	SLU_SISMA_UP	NonStatic	Max	108.152	0.000	0.000	0.0000
24	25	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	1256.535	0.0000
24	24	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	-1209.050	0.0000
24	25	SLU_SISMA_UP	NonStatic	Min	-14.516	0.000	0.000	0.0000
25	25	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
25	26	SLE	NonStatic	Max	214.457	0.000	1278.303	0.0000
25	25	SLE	NonStatic	Min	-127.826	0.000	-1252.230	0.0000
25	26	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
25	25	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
25	26	SLE_SISMA_DOWN	NonStatic	Max	167.383	0.000	1378.035	0.0000
25	25	SLE_SISMA_DOWN	NonStatic	Min	-90.151	0.000	-1350.502	0.0000
25	26	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
25	25	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000
25	26	SLE_SISMA_UP	NonStatic	Max	159.985	0.000	1275.426	0.0000
25	25	SLE_SISMA_UP	NonStatic	Min	-82.753	0.000	-1250.814	0.0000
25	26	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000
25	25	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
25	26	SLU_SISMA_DOWN	NonStatic	Max	162.543	0.000	1528.207	0.0000
25	25	SLU_SISMA_DOWN	NonStatic	Min	-82.058	0.000	-1498.719	0.0000
25	26	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
25	25	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000
25	26	SLU_SISMA_UP	NonStatic	Max	156.210	0.000	1282.846	0.0000
25	25	SLU_SISMA_UP	NonStatic	Min	-75.725	0.000	-1260.189	0.0000
25	26	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000
26	26	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
26	27	SLE	NonStatic	Max	318.774	0.000	1306.707	0.0000
26	26	SLE	NonStatic	Min	-225.997	0.000	-1278.303	0.0000
26	27	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
26	26	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
26	27	SLE_SISMA_DOWN	NonStatic	Max	293.160	0.000	1408.030	0.0000
26	26	SLE_SISMA_DOWN	NonStatic	Min	-209.781	0.000	-1378.035	0.0000
26	27	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
26	26	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000
26	27	SLE_SISMA_UP	NonStatic	Max	285.126	0.000	1302.240	0.0000
26	26	SLE_SISMA_UP	NonStatic	Min	-201.747	0.000	-1275.426	0.0000
26	27	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000
26	26	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
26	27	SLU_SISMA_DOWN	NonStatic	Max	337.818	0.000	1560.333	0.0000
26	26	SLU_SISMA_DOWN	NonStatic	Min	-249.963	0.000	-1528.207	0.0000
26	27	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
26	26	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000
26	27	SLU_SISMA_UP	NonStatic	Max	326.731	0.000	1307.530	0.0000
26	26	SLU_SISMA_UP	NonStatic	Min	-238.876	0.000	-1282.846	0.0000
26	27	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000
27	27	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
27	28	SLE	NonStatic	Max	427.864	0.000	1339.987	0.0000
27	27	SLE	NonStatic	Min	-329.013	0.000	-1306.707	0.0000
27	28	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
27	27	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
27	28	SLE_SISMA_DOWN	NonStatic	Max	421.491	0.000	1443.173	0.0000
27	27	SLE_SISMA_DOWN	NonStatic	Min	-332.037	0.000	-1408.030	0.0000
27	28	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
27	27	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000
27	28	SLE_SISMA_UP	NonStatic	Max	413.033	0.000	1333.656	0.0000
27	27	SLE_SISMA_UP	NonStatic	Min	-323.580	0.000	-1302.240	0.0000
27	28	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000
27	27	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
27	28	SLU_SISMA_DOWN	NonStatic	Max	514.319	0.000	1597.972	0.0000
27	27	SLU_SISMA_DOWN	NonStatic	Min	-419.181	0.000	-1560.333	0.0000
27	28	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
27	27	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000
27	28	SLU_SISMA_UP	NonStatic	Max	499.059	0.000	1336.450	0.0000
27	27	SLU_SISMA_UP	NonStatic	Min	-403.921	0.000	-1307.530	0.0000
27	28	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000
28	28	SLE	NonStatic	Max	1460.249	0.000	0.000	0.0000
28	29	SLE	NonStatic	Max	0.000	0.000	339.850	0.0000
28	28	SLE	NonStatic	Min	0.000	0.000	-288.762	0.0000
28	29	SLE	NonStatic	Min	-1332.936	0.000	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
28	28	SLE_SISMA _DOWN	NonStatic	Max	1452.790	0.000	0.000	0.0000
28	29	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	438.667	0.0000
28	28	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	-384.718	0.0000
28	29	SLE_SISMA _DOWN	NonStatic	Min	-1336.803	0.000	0.000	0.0000
28	28	SLE_SISMA _UP	NonStatic	Max	1304.856	0.000	0.000	0.0000
28	29	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	409.400	0.0000
28	28	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	-361.173	0.0000
28	29	SLE_SISMA _UP	NonStatic	Min	-1188.869	0.000	0.000	0.0000
28	28	SLU_SISMA _DOWN	NonStatic	Max	1377.058	0.000	0.000	0.0000
28	29	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	564.493	0.0000
28	28	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	-506.712	0.0000
28	29	SLU_SISMA _DOWN	NonStatic	Min	-1252.590	0.000	0.000	0.0000
28	28	SLU_SISMA _UP	NonStatic	Max	1034.219	0.000	0.000	0.0000
28	29	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	488.242	0.0000
28	28	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	-443.846	0.0000
28	29	SLU_SISMA _UP	NonStatic	Min	-909.750	0.000	0.000	0.0000
29	29	SLE	NonStatic	Max	1329.876	0.000	0.000	0.0000
29	30	SLE	NonStatic	Max	0.000	0.000	247.419	0.0000
29	29	SLE	NonStatic	Min	0.000	0.000	-224.922	0.0000
29	30	SLE	NonStatic	Min	-1329.876	0.000	0.000	0.0000
29	29	SLE_SISMA _DOWN	NonStatic	Max	1319.449	0.000	0.000	0.0000
29	30	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	333.767	0.0000
29	29	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	-310.010	0.0000
29	30	SLE_SISMA _DOWN	NonStatic	Min	-1319.449	0.000	0.000	0.0000
29	29	SLE_SISMA _UP	NonStatic	Max	1171.336	0.000	0.000	0.0000
29	30	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	312.344	0.0000
29	29	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	-291.107	0.0000
29	30	SLE_SISMA _UP	NonStatic	Min	-1171.336	0.000	0.000	0.0000
29	29	SLU_SISMA _DOWN	NonStatic	Max	1212.929	0.000	0.000	0.0000
29	30	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	443.527	0.0000
29	29	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	-418.082	0.0000
29	30	SLU_SISMA _DOWN	NonStatic	Min	-1212.929	0.000	0.000	0.0000
29	29	SLU_SISMA _UP	NonStatic	Max	871.481	0.000	0.000	0.0000
29	30	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	386.087	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
29	29	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	-366.537	0.0000
29	30	SLU_SISMA _UP	NonStatic	Min	-871.481	0.000	0.000	0.0000
30	30	SLE	NonStatic	Max	1329.876	0.000	0.000	0.0000
30	31	SLE	NonStatic	Max	0.000	0.000	43.929	0.0000
30	30	SLE	NonStatic	Min	0.000	0.000	-21.432	0.0000
30	31	SLE	NonStatic	Min	-1329.876	0.000	0.000	0.0000
30	30	SLE_SISMA _DOWN	NonStatic	Max	1319.449	0.000	0.000	0.0000
30	31	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	106.948	0.0000
30	30	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	-83.191	0.0000
30	31	SLE_SISMA _DOWN	NonStatic	Min	-1319.449	0.000	0.000	0.0000
30	30	SLE_SISMA _UP	NonStatic	Max	1171.336	0.000	0.000	0.0000
30	31	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	103.237	0.0000
30	30	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	-82.000	0.0000
30	31	SLE_SISMA _UP	NonStatic	Min	-1171.336	0.000	0.000	0.0000
30	30	SLU_SISMA _DOWN	NonStatic	Max	1212.929	0.000	0.000	0.0000
30	31	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	186.078	0.0000
30	30	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	-160.634	0.0000
30	31	SLU_SISMA _DOWN	NonStatic	Min	-1212.929	0.000	0.000	0.0000
30	30	SLU_SISMA _UP	NonStatic	Max	871.481	0.000	0.000	0.0000
30	31	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	170.889	0.0000
30	30	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	-151.339	0.0000
30	31	SLU_SISMA _UP	NonStatic	Min	-871.481	0.000	0.000	0.0000
31	31	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
31	32	SLE	NonStatic	Max	607.399	0.000	963.442	0.0000
31	31	SLE	NonStatic	Min	-607.399	0.000	-940.871	0.0000
31	32	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
31	31	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
31	32	SLE_SISMA _DOWN	NonStatic	Max	639.148	0.000	1012.580	0.0000
31	31	SLE_SISMA _DOWN	NonStatic	Min	-639.148	0.000	-988.744	0.0000
31	32	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
31	31	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
31	32	SLE_SISMA _UP	NonStatic	Max	627.235	0.000	932.711	0.0000
31	31	SLE_SISMA _UP	NonStatic	Min	-627.235	0.000	-911.403	0.0000
31	32	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
31	31	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
31	32	SLU_SISMA _DOWN	NonStatic	Max	815.433	0.000	1095.063	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
31	31	SLU_SISMA _DOWN	NonStatic	Min	-815.433	0.000	-1069.535	0.0000
31	32	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
31	31	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
31	32	SLU_SISMA _UP	NonStatic	Max	786.462	0.000	905.488	0.0000
31	31	SLU_SISMA _UP	NonStatic	Min	-786.462	0.000	-885.873	0.0000
31	32	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
32	32	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
32	33	SLE	NonStatic	Max	679.297	0.000	795.436	0.0000
32	32	SLE	NonStatic	Min	-679.297	0.000	-772.865	0.0000
32	33	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
32	32	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
32	33	SLE_SISMA _DOWN	NonStatic	Max	720.901	0.000	819.821	0.0000
32	32	SLE_SISMA _DOWN	NonStatic	Min	-720.901	0.000	-795.985	0.0000
32	33	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
32	32	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
32	33	SLE_SISMA _UP	NonStatic	Max	702.776	0.000	753.894	0.0000
32	32	SLE_SISMA _UP	NonStatic	Min	-702.776	0.000	-732.586	0.0000
32	33	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
32	32	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
32	33	SLU_SISMA _DOWN	NonStatic	Max	911.440	0.000	866.384	0.0000
32	32	SLU_SISMA _DOWN	NonStatic	Min	-911.440	0.000	-840.856	0.0000
32	33	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
32	32	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
32	33	SLU_SISMA _UP	NonStatic	Max	867.272	0.000	711.173	0.0000
32	32	SLU_SISMA _UP	NonStatic	Min	-867.272	0.000	-691.558	0.0000
32	33	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
33	33	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
33	34	SLE	NonStatic	Max	736.974	0.000	623.737	0.0000
33	33	SLE	NonStatic	Min	-736.974	0.000	-601.166	0.0000
33	34	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
33	33	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
33	34	SLE_SISMA _DOWN	NonStatic	Max	785.420	0.000	626.466	0.0000
33	33	SLE_SISMA _DOWN	NonStatic	Min	-785.420	0.000	-602.631	0.0000
33	34	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
33	33	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
33	34	SLE_SISMA _UP	NonStatic	Max	762.341	0.000	574.703	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
33	33	SLE_SISMA _UP	NonStatic	Min	-762.341	0.000	-553.396	0.0000
33	34	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
33	33	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
33	34	SLU_SISMA _DOWN	NonStatic	Max	986.032	0.000	640.996	0.0000
33	33	SLU_SISMA _DOWN	NonStatic	Min	-986.032	0.000	-615.467	0.0000
33	34	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
33	33	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
33	34	SLU_SISMA _UP	NonStatic	Max	929.819	0.000	520.434	0.0000
33	33	SLU_SISMA _UP	NonStatic	Min	-929.819	0.000	-500.819	0.0000
33	34	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
34	34	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
34	35	SLE	NonStatic	Max	780.174	0.000	449.849	0.0000
34	34	SLE	NonStatic	Min	-780.174	0.000	-427.277	0.0000
34	35	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
34	34	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
34	35	SLE_SISMA _DOWN	NonStatic	Max	832.970	0.000	434.226	0.0000
34	34	SLE_SISMA _DOWN	NonStatic	Min	-832.970	0.000	-410.390	0.0000
34	35	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
34	34	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
34	35	SLE_SISMA _UP	NonStatic	Max	806.198	0.000	396.734	0.0000
34	34	SLE_SISMA _UP	NonStatic	Min	-806.198	0.000	-375.426	0.0000
34	35	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
34	34	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
34	35	SLU_SISMA _DOWN	NonStatic	Max	1040.118	0.000	420.982	0.0000
34	34	SLU_SISMA _DOWN	NonStatic	Min	-1040.118	0.000	-395.454	0.0000
34	35	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
34	34	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
34	35	SLU_SISMA _UP	NonStatic	Max	974.982	0.000	335.082	0.0000
34	34	SLU_SISMA _UP	NonStatic	Min	-974.982	0.000	-315.467	0.0000
34	35	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
35	35	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
35	36	SLE	NonStatic	Max	808.893	0.000	274.782	0.0000
35	35	SLE	NonStatic	Min	-808.893	0.000	-252.211	0.0000
35	36	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
35	35	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
35	36	SLE_SISMA _DOWN	NonStatic	Max	864.073	0.000	244.249	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
35	35	SLE_SISMA_DOWN	NonStatic	Min	-864.073	0.000	-220.414	0.0000
35	36	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
35	35	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000
35	36	SLE_SISMA_UP	NonStatic	Max	834.854	0.000	221.077	0.0000
35	35	SLE_SISMA_UP	NonStatic	Min	-834.854	0.000	-199.770	0.0000
35	36	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000
35	35	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
35	36	SLU_SISMA_DOWN	NonStatic	Max	1074.892	0.000	207.819	0.0000
35	35	SLU_SISMA_DOWN	NonStatic	Min	-1074.892	0.000	-182.291	0.0000
35	36	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
35	35	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000
35	36	SLU_SISMA_UP	NonStatic	Max	1003.878	0.000	156.448	0.0000
35	35	SLU_SISMA_UP	NonStatic	Min	-1003.878	0.000	-136.834	0.0000
35	36	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000
36	36	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
36	37	SLE	NonStatic	Max	823.217	0.000	99.169	0.0000
36	36	SLE	NonStatic	Min	-823.217	0.000	-76.598	0.0000
36	37	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
36	36	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
36	37	SLE_SISMA_DOWN	NonStatic	Max	879.344	0.000	57.262	0.0000
36	36	SLE_SISMA_DOWN	NonStatic	Min	-879.344	0.000	-33.426	0.0000
36	37	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
36	36	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000
36	37	SLE_SISMA_UP	NonStatic	Max	848.906	0.000	48.440	0.0000
36	36	SLE_SISMA_UP	NonStatic	Min	-848.906	0.000	-27.133	0.0000
36	37	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000
36	36	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	23.012	0.0000
36	37	SLU_SISMA_DOWN	NonStatic	Max	1091.663	0.000	2.516	0.0000
36	36	SLU_SISMA_DOWN	NonStatic	Min	-1091.663	0.000	0.000	0.0000
36	37	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
36	36	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	34.109	0.0000
36	37	SLU_SISMA_UP	NonStatic	Max	1017.737	0.000	0.000	0.0000
36	36	SLU_SISMA_UP	NonStatic	Min	-1017.737	0.000	0.000	0.0000
36	37	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	-14.495	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
37	37	SLE	NonStatic	Max	0.000	0.000	99.169	0.0000
37	38	SLE	NonStatic	Max	823.217	0.000	0.000	0.0000
37	37	SLE	NonStatic	Min	-823.217	0.000	0.000	0.0000
37	38	SLE	NonStatic	Min	0.000	0.000	-76.598	0.0000
37	37	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	150.119	0.0000
37	38	SLE_SISMA _DOWN	NonStatic	Max	879.377	0.000	0.000	0.0000
37	37	SLE_SISMA _DOWN	NonStatic	Min	-879.377	0.000	0.000	0.0000
37	38	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	-126.284	0.0000
37	37	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	142.022	0.0000
37	38	SLE_SISMA _UP	NonStatic	Max	848.941	0.000	0.000	0.0000
37	37	SLE_SISMA _UP	NonStatic	Min	-848.941	0.000	0.000	0.0000
37	38	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	-120.714	0.0000
37	37	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	219.742	0.0000
37	38	SLU_SISMA _DOWN	NonStatic	Max	1091.750	0.000	0.000	0.0000
37	37	SLU_SISMA _DOWN	NonStatic	Min	-1091.750	0.000	0.000	0.0000
37	38	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	-194.214	0.0000
37	37	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	196.628	0.0000
37	38	SLU_SISMA _UP	NonStatic	Max	1017.823	0.000	0.000	0.0000
37	37	SLU_SISMA _UP	NonStatic	Min	-1017.823	0.000	0.000	0.0000
37	38	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	-177.013	0.0000
38	38	SLE	NonStatic	Max	0.000	0.000	274.782	0.0000
38	39	SLE	NonStatic	Max	808.893	0.000	0.000	0.0000
38	38	SLE	NonStatic	Min	-808.893	0.000	0.000	0.0000
38	39	SLE	NonStatic	Min	0.000	0.000	-252.211	0.0000
38	38	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	329.871	0.0000
38	39	SLE_SISMA _DOWN	NonStatic	Max	864.696	0.000	0.000	0.0000
38	38	SLE_SISMA _DOWN	NonStatic	Min	-864.696	0.000	0.000	0.0000
38	39	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	-306.036	0.0000
38	38	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	307.324	0.0000
38	39	SLE_SISMA _UP	NonStatic	Max	835.489	0.000	0.000	0.0000
38	38	SLE_SISMA _UP	NonStatic	Min	-835.489	0.000	0.000	0.0000
38	39	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	-286.017	0.0000
38	38	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	407.317	0.0000
38	39	SLU_SISMA _DOWN	NonStatic	Max	1076.436	0.000	0.000	0.0000
38	38	SLU_SISMA _DOWN	NonStatic	Min	-1076.436	0.000	0.000	0.0000
38	39	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	-381.788	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
38	38	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	350.094	0.0000
38	39	SLU_SISMA _UP	NonStatic	Max	1005.400	0.000	0.000	0.0000
38	38	SLU_SISMA _UP	NonStatic	Min	-1005.400	0.000	0.000	0.0000
38	39	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	-330.480	0.0000
39	39	SLE	NonStatic	Max	0.000	0.000	449.849	0.0000
39	40	SLE	NonStatic	Max	780.174	0.000	0.000	0.0000
39	39	SLE	NonStatic	Min	-780.174	0.000	0.000	0.0000
39	40	SLE	NonStatic	Min	0.000	0.000	-427.277	0.0000
39	39	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	505.411	0.0000
39	40	SLE_SISMA _DOWN	NonStatic	Max	835.760	0.000	0.000	0.0000
39	39	SLE_SISMA _DOWN	NonStatic	Min	-835.760	0.000	0.000	0.0000
39	40	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	-481.576	0.0000
39	39	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	468.349	0.0000
39	40	SLE_SISMA _UP	NonStatic	Max	809.030	0.000	0.000	0.0000
39	39	SLE_SISMA _UP	NonStatic	Min	-809.030	0.000	0.000	0.0000
39	40	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	-447.042	0.0000
39	39	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	585.121	0.0000
39	40	SLU_SISMA _DOWN	NonStatic	Max	1046.980	0.000	0.000	0.0000
39	39	SLU_SISMA _DOWN	NonStatic	Min	-1046.980	0.000	0.000	0.0000
39	40	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	-559.593	0.0000
39	39	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	493.875	0.0000
39	40	SLU_SISMA _UP	NonStatic	Max	981.746	0.000	0.000	0.0000
39	39	SLU_SISMA _UP	NonStatic	Min	-981.746	0.000	0.000	0.0000
39	40	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	-474.260	0.0000
40	40	SLE	NonStatic	Max	0.000	0.000	623.737	0.0000
40	41	SLE	NonStatic	Max	736.974	0.000	0.000	0.0000
40	40	SLE	NonStatic	Min	-736.974	0.000	0.000	0.0000
40	41	SLE	NonStatic	Min	0.000	0.000	-601.166	0.0000
40	40	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	676.099	0.0000
40	41	SLE_SISMA _DOWN	NonStatic	Max	793.021	0.000	0.000	0.0000
40	40	SLE_SISMA _DOWN	NonStatic	Min	-793.021	0.000	0.000	0.0000
40	41	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	-652.263	0.0000
40	40	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	624.474	0.0000
40	41	SLE_SISMA _UP	NonStatic	Max	770.051	0.000	0.000	0.0000
40	40	SLE_SISMA _UP	NonStatic	Min	-770.051	0.000	0.000	0.0000
40	41	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	-603.167	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
40	40	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	752.373	0.0000
40	41	SLU_SISMA_DOWN	NonStatic	Max	1004.682	0.000	0.000	0.0000
40	40	SLU_SISMA_DOWN	NonStatic	Min	-1004.682	0.000	0.000	0.0000
40	41	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	-726.845	0.0000
40	40	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	627.231	0.0000
40	41	SLU_SISMA_UP	NonStatic	Max	948.201	0.000	0.000	0.0000
40	40	SLU_SISMA_UP	NonStatic	Min	-948.201	0.000	0.000	0.0000
40	41	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	-607.616	0.0000
41	41	SLE	NonStatic	Max	0.000	0.000	795.436	0.0000
41	42	SLE	NonStatic	Max	679.297	0.000	0.000	0.0000
41	41	SLE	NonStatic	Min	-679.297	0.000	0.000	0.0000
41	42	SLE	NonStatic	Min	0.000	0.000	-772.865	0.0000
41	41	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	840.937	0.0000
41	42	SLE_SISMA_DOWN	NonStatic	Max	737.043	0.000	0.000	0.0000
41	41	SLE_SISMA_DOWN	NonStatic	Min	-737.043	0.000	0.000	0.0000
41	42	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	-817.102	0.0000
41	41	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	774.768	0.0000
41	42	SLE_SISMA_UP	NonStatic	Max	719.144	0.000	0.000	0.0000
41	41	SLE_SISMA_UP	NonStatic	Min	-719.144	0.000	0.000	0.0000
41	42	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	-753.460	0.0000
41	41	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	908.014	0.0000
41	42	SLU_SISMA_DOWN	NonStatic	Max	950.993	0.000	0.000	0.0000
41	41	SLU_SISMA_DOWN	NonStatic	Min	-950.993	0.000	0.000	0.0000
41	42	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	-882.486	0.0000
41	41	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	749.250	0.0000
41	42	SLU_SISMA_UP	NonStatic	Max	906.248	0.000	0.000	0.0000
41	41	SLU_SISMA_UP	NonStatic	Min	-906.248	0.000	0.000	0.0000
41	42	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	-729.636	0.0000
42	42	SLE	NonStatic	Max	0.000	0.000	963.442	0.0000
42	43	SLE	NonStatic	Max	607.399	0.000	0.000	0.0000
42	42	SLE	NonStatic	Min	-607.399	0.000	0.000	0.0000
42	43	SLE	NonStatic	Min	0.000	0.000	-940.871	0.0000
42	42	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	998.482	0.0000
42	43	SLE_SISMA_DOWN	NonStatic	Max	668.655	0.000	0.000	0.0000
42	42	SLE_SISMA_DOWN	NonStatic	Min	-668.655	0.000	0.000	0.0000
42	43	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	-974.647	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
42	42	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	917.904	0.0000
42	43	SLE_SISMA_UP	NonStatic	Max	657.148	0.000	0.000	0.0000
42	42	SLE_SISMA_UP	NonStatic	Min	-657.148	0.000	0.000	0.0000
42	43	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	-896.596	0.0000
42	42	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	1050.647	0.0000
42	43	SLU_SISMA_DOWN	NonStatic	Max	887.658	0.000	0.000	0.0000
42	42	SLU_SISMA_DOWN	NonStatic	Min	-887.658	0.000	0.000	0.0000
42	43	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	-1025.119	0.0000
42	42	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	858.813	0.0000
42	43	SLU_SISMA_UP	NonStatic	Max	857.619	0.000	0.000	0.0000
42	42	SLU_SISMA_UP	NonStatic	Min	-857.619	0.000	0.000	0.0000
42	43	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	-839.198	0.0000
43	43	SLE	NonStatic	Max	1329.876	0.000	43.929	0.0000
43	44	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
43	43	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
43	44	SLE	NonStatic	Min	-1329.876	0.000	-21.432	0.0000
43	43	SLE_SISMA_DOWN	NonStatic	Max	1414.334	0.000	0.000	0.0000
43	44	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	38.896	0.0000
43	43	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	-15.139	0.0000
43	44	SLE_SISMA_DOWN	NonStatic	Min	-1414.334	0.000	0.000	0.0000
43	43	SLE_SISMA_UP	NonStatic	Max	1265.622	0.000	0.000	0.0000
43	44	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	40.815	0.0000
43	43	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	-19.578	0.0000
43	44	SLE_SISMA_UP	NonStatic	Min	-1265.622	0.000	0.000	0.0000
43	43	SLU_SISMA_DOWN	NonStatic	Max	1399.398	0.000	0.000	0.0000
43	44	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	119.760	0.0000
43	43	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	-94.316	0.0000
43	44	SLU_SISMA_DOWN	NonStatic	Min	-1399.398	0.000	0.000	0.0000
43	43	SLU_SISMA_UP	NonStatic	Max	1040.674	0.000	0.000	0.0000
43	44	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	119.483	0.0000
43	43	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	-99.933	0.0000
43	44	SLU_SISMA_UP	NonStatic	Min	-1040.674	0.000	0.000	0.0000
44	44	SLE	NonStatic	Max	1329.876	0.000	247.419	0.0000
44	1	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
44	44	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
44	1	SLE	NonStatic	Min	-1329.876	0.000	-224.922	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
44	44	SLE_SISMA_DOWN	NonStatic	Max	1414.334	0.000	182.177	0.0000
44	1	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
44	44	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
44	1	SLE_SISMA_DOWN	NonStatic	Min	-1414.334	0.000	-158.420	0.0000
44	44	SLE_SISMA_UP	NonStatic	Max	1265.622	0.000	160.422	0.0000
44	1	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000
44	44	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000
44	1	SLE_SISMA_UP	NonStatic	Min	-1265.622	0.000	-139.185	0.0000
44	44	SLU_SISMA_DOWN	NonStatic	Max	1399.398	0.000	95.776	0.0000
44	1	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
44	44	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
44	1	SLU_SISMA_DOWN	NonStatic	Min	-1399.398	0.000	-70.332	0.0000
44	44	SLU_SISMA_UP	NonStatic	Max	1040.674	0.000	49.098	0.0000
44	1	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000
44	44	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000
44	1	SLU_SISMA_UP	NonStatic	Min	-1040.674	0.000	-29.548	0.0000
45	2	SLE	NonStatic	Max	1897.240	0.000	0.000	0.0000
45	43	SLE	NonStatic	Max	0.000	0.000	1102.965	0.0000
45	2	SLE	NonStatic	Min	0.000	0.000	-1051.225	0.0000
45	43	SLE	NonStatic	Min	-1897.240	0.000	0.000	0.0000
45	2	SLE_SISMA_DOWN	NonStatic	Max	2045.491	0.000	0.000	0.0000
45	43	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	1188.578	0.0000
45	2	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	-1133.941	0.0000
45	43	SLE_SISMA_DOWN	NonStatic	Min	-2045.491	0.000	0.000	0.0000
45	2	SLE_SISMA_UP	NonStatic	Max	1888.860	0.000	0.000	0.0000
45	43	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	1096.759	0.0000
45	2	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	-1047.917	0.0000
45	43	SLE_SISMA_UP	NonStatic	Min	-1888.860	0.000	0.000	0.0000
45	2	SLU_SISMA_DOWN	NonStatic	Max	2253.278	0.000	0.000	0.0000
45	43	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	1308.482	0.0000
45	2	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	-1249.965	0.0000
45	43	SLU_SISMA_DOWN	NonStatic	Min	-2253.278	0.000	0.000	0.0000
45	2	SLU_SISMA_UP	NonStatic	Max	1872.752	0.000	0.000	0.0000
45	43	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	1085.674	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
45	2	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	-1040.712	0.0000
45	43	SLU_SISMA _UP	NonStatic	Min	-1872.752	0.000	0.000	0.0000
46	31	SLE	NonStatic	Max	1897.240	0.000	1102.965	0.0000
46	28	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
46	31	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
46	28	SLE	NonStatic	Min	-1897.240	0.000	-1051.225	0.0000
46	31	SLE_SISMA _DOWN	NonStatic	Max	1912.527	0.000	1113.092	0.0000
46	28	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
46	31	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
46	28	SLE_SISMA _DOWN	NonStatic	Min	-1912.527	0.000	-1058.455	0.0000
46	31	SLE_SISMA _UP	NonStatic	Max	1755.989	0.000	1021.326	0.0000
46	28	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
46	31	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
46	28	SLE_SISMA _UP	NonStatic	Min	-1755.989	0.000	-972.483	0.0000
46	31	SLU_SISMA _DOWN	NonStatic	Max	1973.728	0.000	1149.778	0.0000
46	28	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
46	31	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
46	28	SLU_SISMA _DOWN	NonStatic	Min	-1973.728	0.000	-1091.260	0.0000
46	31	SLU_SISMA _UP	NonStatic	Max	1611.868	0.000	937.565	0.0000
46	28	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
46	31	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
46	28	SLU_SISMA _UP	NonStatic	Min	-1611.868	0.000	-892.604	0.0000

Table: Element Joint Forces - Frames, Part 2 of 2

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem
1	1	SLE	Max	0.0000	0.0000	1-1
1	2	SLE	Max	2297.5128	0.0000	1-1
1	1	SLE	Min	-870.5279	0.0000	1-1
1	2	SLE	Min	0.0000	0.0000	1-1
1	1	SLE_SISMA _DOWN	Max	0.0000	0.0000	1-1
1	2	SLE_SISMA _DOWN	Max	2423.9484	0.0000	1-1
1	1	SLE_SISMA _DOWN	Min	-908.0090	0.0000	1-1
1	2	SLE_SISMA _DOWN	Min	0.0000	0.0000	1-1
1	1	SLE_SISMA _UP	Max	0.0000	0.0000	1-1
1	2	SLE_SISMA _UP	Max	2190.4672	0.0000	1-1

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem
1	1	SLE_SISMA _UP	Min	-826.4763	0.0000	1-1
1	2	SLE_SISMA _UP	Min	0.0000	0.0000	1-1
1	1	SLU_SISMA _DOWN	Max	0.0000	0.0000	1-1
1	2	SLU_SISMA _DOWN	Max	2451.9511	0.0000	1-1
1	1	SLU_SISMA _DOWN	Min	-929.7168	0.0000	1-1
1	2	SLU_SISMA _DOWN	Min	0.0000	0.0000	1-1
1	1	SLU_SISMA _UP	Max	0.0000	0.0000	1-1
1	2	SLU_SISMA _UP	Max	1889.7874	0.0000	1-1
1	1	SLU_SISMA _UP	Min	-734.0837	0.0000	1-1
1	2	SLU_SISMA _UP	Min	0.0000	0.0000	1-1
2	2	SLE	Max	0.0000	0.0000	2-1
2	3	SLE	Max	1976.6368	0.0000	2-1
2	2	SLE	Min	-2297.5128	0.0000	2-1
2	3	SLE	Min	0.0000	0.0000	2-1
2	2	SLE_SISMA _DOWN	Max	0.0000	0.0000	2-1
2	3	SLE_SISMA _DOWN	Max	2052.2354	0.0000	2-1
2	2	SLE_SISMA _DOWN	Min	-2423.9484	0.0000	2-1
2	3	SLE_SISMA _DOWN	Min	0.0000	0.0000	2-1
2	2	SLE_SISMA _UP	Max	0.0000	0.0000	2-1
2	3	SLE_SISMA _UP	Max	1825.4683	0.0000	2-1
2	2	SLE_SISMA _UP	Min	-2190.4672	0.0000	2-1
2	3	SLE_SISMA _UP	Min	0.0000	0.0000	2-1
2	2	SLU_SISMA _DOWN	Max	0.0000	0.0000	2-1
2	3	SLU_SISMA _DOWN	Max	1941.4380	0.0000	2-1
2	2	SLU_SISMA _DOWN	Min	-2451.9511	0.0000	2-1
2	3	SLU_SISMA _DOWN	Min	0.0000	0.0000	2-1
2	2	SLU_SISMA _UP	Max	0.0000	0.0000	2-1
2	3	SLU_SISMA _UP	Max	1397.7599	0.0000	2-1
2	2	SLU_SISMA _UP	Min	-1889.7874	0.0000	2-1
2	3	SLU_SISMA _UP	Min	0.0000	0.0000	2-1
3	3	SLE	Max	0.0000	0.0000	3-1
3	4	SLE	Max	1745.6828	0.0000	3-1
3	3	SLE	Min	-1976.6368	0.0000	3-1
3	4	SLE	Min	0.0000	0.0000	3-1
3	3	SLE_SISMA _DOWN	Max	0.0000	0.0000	3-1
3	4	SLE_SISMA _DOWN	Max	1769.7312	0.0000	3-1

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem
3	3	SLE_SISMA _DOWN	Min	-2052.2354	0.0000	3-1
3	4	SLE_SISMA _DOWN	Min	0.0000	0.0000	3-1
3	3	SLE_SISMA _UP	Max	0.0000	0.0000	3-1
3	4	SLE_SISMA _UP	Max	1549.6781	0.0000	3-1
3	3	SLE_SISMA _UP	Min	-1825.4683	0.0000	3-1
3	4	SLE_SISMA _UP	Min	0.0000	0.0000	3-1
3	3	SLU_SISMA _DOWN	Max	0.0000	0.0000	3-1
3	4	SLU_SISMA _DOWN	Max	1548.1613	0.0000	3-1
3	3	SLU_SISMA _DOWN	Min	-1941.4380	0.0000	3-1
3	4	SLU_SISMA _DOWN	Min	0.0000	0.0000	3-1
3	3	SLU_SISMA _UP	Max	0.0000	0.0000	3-1
3	4	SLU_SISMA _UP	Max	1022.9688	0.0000	3-1
3	3	SLU_SISMA _UP	Min	-1397.7599	0.0000	3-1
3	4	SLU_SISMA _UP	Min	0.0000	0.0000	3-1
4	4	SLE	Max	0.0000	0.0000	4-1
4	5	SLE	Max	1600.5727	0.0000	4-1
4	4	SLE	Min	-1745.6828	0.0000	4-1
4	5	SLE	Min	0.0000	0.0000	4-1
4	4	SLE_SISMA _DOWN	Max	0.0000	0.0000	4-1
4	5	SLE_SISMA _DOWN	Max	1571.2547	0.0000	4-1
4	4	SLE_SISMA _DOWN	Min	-1769.7312	0.0000	4-1
4	5	SLE_SISMA _DOWN	Min	0.0000	0.0000	4-1
4	4	SLE_SISMA _UP	Max	0.0000	0.0000	4-1
4	5	SLE_SISMA _UP	Max	1357.9156	0.0000	4-1
4	4	SLE_SISMA _UP	Min	-1549.6781	0.0000	4-1
4	5	SLE_SISMA _UP	Min	0.0000	0.0000	4-1
4	4	SLU_SISMA _DOWN	Max	0.0000	0.0000	4-1
4	5	SLU_SISMA _DOWN	Max	1265.9090	0.0000	4-1
4	4	SLU_SISMA _DOWN	Min	-1548.1613	0.0000	4-1
4	5	SLU_SISMA _DOWN	Min	0.0000	0.0000	4-1
4	4	SLU_SISMA _UP	Max	0.0000	0.0000	4-1
4	5	SLU_SISMA _UP	Max	759.2021	0.0000	4-1
4	4	SLU_SISMA _UP	Min	-1022.9688	0.0000	4-1
4	5	SLU_SISMA _UP	Min	0.0000	0.0000	4-1

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem
5	5	SLE	Max	0.0000	0.0000	5-1
5	6	SLE	Max	1416.8851	0.0000	5-1
5	5	SLE	Min	-1600.5727	0.0000	5-1
5	6	SLE	Min	0.0000	0.0000	5-1
5	5	SLE_SISMA _DOWN	Max	0.0000	0.0000	5-1
5	6	SLE_SISMA _DOWN	Max	1323.1628	0.0000	5-1
5	5	SLE_SISMA _DOWN	Min	-1571.2547	0.0000	5-1
5	6	SLE_SISMA _DOWN	Min	0.0000	0.0000	5-1
5	5	SLE_SISMA _UP	Max	0.0000	0.0000	5-1
5	6	SLE_SISMA _UP	Max	1127.0045	0.0000	5-1
5	5	SLE_SISMA _UP	Min	-1357.9156	0.0000	5-1
5	6	SLE_SISMA _UP	Min	0.0000	0.0000	5-1
5	5	SLU_SISMA _DOWN	Max	0.0000	0.0000	5-1
5	6	SLU_SISMA _DOWN	Max	946.4960	0.0000	5-1
5	5	SLU_SISMA _DOWN	Min	-1265.9090	0.0000	5-1
5	6	SLU_SISMA _DOWN	Min	0.0000	0.0000	5-1
5	5	SLU_SISMA _UP	Max	0.0000	0.0000	5-1
5	6	SLU_SISMA _UP	Max	483.9395	0.0000	5-1
5	5	SLU_SISMA _UP	Min	-759.2021	0.0000	5-1
5	6	SLU_SISMA _UP	Min	0.0000	0.0000	5-1
6	6	SLE	Max	0.0000	0.0000	6-1
6	7	SLE	Max	1148.0719	0.0000	6-1
6	6	SLE	Min	-1416.8851	0.0000	6-1
6	7	SLE	Min	0.0000	0.0000	6-1
6	6	SLE_SISMA _DOWN	Max	0.0000	0.0000	6-1
6	7	SLE_SISMA _DOWN	Max	1004.7567	0.0000	6-1
6	6	SLE_SISMA _DOWN	Min	-1323.1628	0.0000	6-1
6	7	SLE_SISMA _DOWN	Min	0.0000	0.0000	6-1
6	6	SLE_SISMA _UP	Max	0.0000	0.0000	6-1
6	7	SLE_SISMA _UP	Max	840.6025	0.0000	6-1
6	6	SLE_SISMA _UP	Min	-1127.0045	0.0000	6-1
6	7	SLE_SISMA _UP	Min	0.0000	0.0000	6-1
6	6	SLU_SISMA _DOWN	Max	0.0000	0.0000	6-1
6	7	SLU_SISMA _DOWN	Max	597.8890	0.0000	6-1
6	6	SLU_SISMA _DOWN	Min	-946.4960	0.0000	6-1
6	7	SLU_SISMA _DOWN	Min	0.0000	0.0000	6-1

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem
6	6	SLU_SISMA _UP	Max	0.0000	0.0000	6-1
6	7	SLU_SISMA _UP	Max	214.6623	0.0000	6-1
6	6	SLU_SISMA _UP	Min	-483.9395	0.0000	6-1
6	7	SLU_SISMA _UP	Min	0.0000	0.0000	6-1
7	7	SLE	Max	0.0000	0.0000	7-1
7	8	SLE	Max	819.3790	0.0000	7-1
7	7	SLE	Min	-1148.0719	0.0000	7-1
7	8	SLE	Min	0.0000	0.0000	7-1
7	7	SLE_SISMA _DOWN	Max	0.0000	0.0000	7-1
7	8	SLE_SISMA _DOWN	Max	642.7443	0.0000	7-1
7	7	SLE_SISMA _DOWN	Min	-1004.7567	0.0000	7-1
7	8	SLE_SISMA _DOWN	Min	0.0000	0.0000	7-1
7	7	SLE_SISMA _UP	Max	0.0000	0.0000	7-1
7	8	SLE_SISMA _UP	Max	521.2860	0.0000	7-1
7	7	SLE_SISMA _UP	Min	-840.6025	0.0000	7-1
7	8	SLE_SISMA _UP	Min	0.0000	0.0000	7-1
7	7	SLU_SISMA _DOWN	Max	0.0000	0.0000	7-1
7	8	SLU_SISMA _DOWN	Max	243.5284	0.0000	7-1
7	7	SLU_SISMA _DOWN	Min	-597.8890	0.0000	7-1
7	8	SLU_SISMA _DOWN	Min	0.0000	0.0000	7-1
7	7	SLU_SISMA _UP	Max	0.0000	0.0000	7-1
7	8	SLU_SISMA _UP	Max	0.0000	0.0000	7-1
7	7	SLU_SISMA _UP	Min	-214.6623	0.0000	7-1
7	8	SLU_SISMA _UP	Min	-35.1911	0.0000	7-1
8	8	SLE	Max	0.0000	0.0000	8-1
8	9	SLE	Max	467.2876	0.0000	8-1
8	8	SLE	Min	-819.3790	0.0000	8-1
8	9	SLE	Min	0.0000	0.0000	8-1
8	8	SLE_SISMA _DOWN	Max	0.0000	0.0000	8-1
8	9	SLE_SISMA _DOWN	Max	274.3845	0.0000	8-1
8	8	SLE_SISMA _DOWN	Min	-642.7443	0.0000	8-1
8	9	SLE_SISMA _DOWN	Min	0.0000	0.0000	8-1
8	8	SLE_SISMA _UP	Max	0.0000	0.0000	8-1
8	9	SLE_SISMA _UP	Max	200.8882	0.0000	8-1
8	8	SLE_SISMA _UP	Min	-521.2860	0.0000	8-1
8	9	SLE_SISMA _UP	Min	0.0000	0.0000	8-1

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem
8	8	SLU_SISMA _DOWN	Max	0.0000	0.0000	8-1
8	9	SLU_SISMA _DOWN	Max	0.0000	0.0000	8-1
8	8	SLU_SISMA _DOWN	Min	-243.5284	0.0000	8-1
8	9	SLU_SISMA _DOWN	Min	-84.5556	0.0000	8-1
8	8	SLU_SISMA _UP	Max	35.1911	0.0000	8-1
8	9	SLU_SISMA _UP	Max	0.0000	0.0000	8-1
8	8	SLU_SISMA _UP	Min	0.0000	0.0000	8-1
8	9	SLU_SISMA _UP	Min	-246.7020	0.0000	8-1
9	9	SLE	Max	0.0000	0.0000	9-1
9	10	SLE	Max	123.4553	0.0000	9-1
9	9	SLE	Min	-467.2876	0.0000	9-1
9	10	SLE	Min	0.0000	0.0000	9-1
9	9	SLE_SISMA _DOWN	Max	0.0000	0.0000	9-1
9	10	SLE_SISMA _DOWN	Max	0.0000	0.0000	9-1
9	9	SLE_SISMA _DOWN	Min	-274.3845	0.0000	9-1
9	10	SLE_SISMA _DOWN	Min	-69.2368	0.0000	9-1
9	9	SLE_SISMA _UP	Max	0.0000	0.0000	9-1
9	10	SLE_SISMA _UP	Max	0.0000	0.0000	9-1
9	9	SLE_SISMA _UP	Min	-200.8882	0.0000	9-1
9	10	SLE_SISMA _UP	Min	-94.3626	0.0000	9-1
9	9	SLU_SISMA _DOWN	Max	84.5556	0.0000	9-1
9	10	SLU_SISMA _DOWN	Max	0.0000	0.0000	9-1
9	9	SLU_SISMA _DOWN	Min	0.0000	0.0000	9-1
9	10	SLU_SISMA _DOWN	Min	-362.6287	0.0000	9-1
9	9	SLU_SISMA _UP	Max	246.7020	0.0000	9-1
9	10	SLU_SISMA _UP	Max	0.0000	0.0000	9-1
9	9	SLU_SISMA _UP	Min	0.0000	0.0000	9-1
9	10	SLU_SISMA _UP	Min	-407.9308	0.0000	9-1
10	10	SLE	Max	0.0000	0.0000	10-1
10	11	SLE	Max	0.0000	0.0000	10-1
10	10	SLE	Min	-123.4553	0.0000	10-1
10	11	SLE	Min	-189.9170	0.0000	10-1
10	10	SLE_SISMA _DOWN	Max	69.2368	0.0000	10-1
10	11	SLE_SISMA _DOWN	Max	0.0000	0.0000	10-1
10	10	SLE_SISMA _DOWN	Min	0.0000	0.0000	10-1
10	11	SLE_SISMA _DOWN	Min	-367.7785	0.0000	10-1

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem
10	10	SLE_SISMA _UP	Max	94.3626	0.0000	10-1
10	11	SLE_SISMA _UP	Max	0.0000	0.0000	10-1
10	10	SLE_SISMA _UP	Min	0.0000	0.0000	10-1
10	11	SLE_SISMA _UP	Min	-347.8391	0.0000	10-1
10	10	SLU_SISMA _DOWN	Max	362.6287	0.0000	10-1
10	11	SLU_SISMA _DOWN	Max	0.0000	0.0000	10-1
10	10	SLU_SISMA _DOWN	Min	0.0000	0.0000	10-1
10	11	SLU_SISMA _DOWN	Min	-579.1184	0.0000	10-1
10	10	SLU_SISMA _UP	Max	407.9308	0.0000	10-1
10	11	SLU_SISMA _UP	Max	0.0000	0.0000	10-1
10	10	SLU_SISMA _UP	Min	0.0000	0.0000	10-1
10	11	SLU_SISMA _UP	Min	-516.3796	0.0000	10-1
11	11	SLE	Max	189.9170	0.0000	11-1
11	12	SLE	Max	0.0000	0.0000	11-1
11	11	SLE	Min	0.0000	0.0000	11-1
11	12	SLE	Min	-454.9465	0.0000	11-1
11	11	SLE_SISMA _DOWN	Max	367.7785	0.0000	11-1
11	12	SLE_SISMA _DOWN	Max	0.0000	0.0000	11-1
11	11	SLE_SISMA _DOWN	Min	0.0000	0.0000	11-1
11	12	SLE_SISMA _DOWN	Min	-605.8485	0.0000	11-1
11	11	SLE_SISMA _UP	Max	347.8391	0.0000	11-1
11	12	SLE_SISMA _UP	Max	0.0000	0.0000	11-1
11	11	SLE_SISMA _UP	Min	0.0000	0.0000	11-1
11	12	SLE_SISMA _UP	Min	-547.2400	0.0000	11-1
11	11	SLU_SISMA _DOWN	Max	579.1184	0.0000	11-1
11	12	SLU_SISMA _DOWN	Max	0.0000	0.0000	11-1
11	11	SLU_SISMA _DOWN	Min	0.0000	0.0000	11-1
11	12	SLU_SISMA _DOWN	Min	-727.4640	0.0000	11-1
11	11	SLU_SISMA _UP	Max	516.3796	0.0000	11-1
11	12	SLU_SISMA _UP	Max	0.0000	0.0000	11-1
11	11	SLU_SISMA _UP	Min	0.0000	0.0000	11-1
11	12	SLU_SISMA _UP	Min	-573.0244	0.0000	11-1
12	12	SLE	Max	454.9465	0.0000	12-1
12	13	SLE	Max	0.0000	0.0000	12-1
12	12	SLE	Min	0.0000	0.0000	12-1
12	13	SLE	Min	-655.8884	0.0000	12-1

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem
12	12	SLE_SISMA _DOWN	Max	605.8485	0.0000	12-1
12	13	SLE_SISMA _DOWN	Max	0.0000	0.0000	12-1
12	12	SLE_SISMA _DOWN	Min	0.0000	0.0000	12-1
12	13	SLE_SISMA _DOWN	Min	-770.3224	0.0000	12-1
12	12	SLE_SISMA _UP	Max	547.2400	0.0000	12-1
12	13	SLE_SISMA _UP	Max	0.0000	0.0000	12-1
12	12	SLE_SISMA _UP	Min	0.0000	0.0000	12-1
12	13	SLE_SISMA _UP	Min	-682.1027	0.0000	12-1
12	12	SLU_SISMA _DOWN	Max	727.4640	0.0000	12-1
12	13	SLU_SISMA _DOWN	Max	0.0000	0.0000	12-1
12	12	SLU_SISMA _DOWN	Min	0.0000	0.0000	12-1
12	13	SLU_SISMA _DOWN	Min	-802.4591	0.0000	12-1
12	12	SLU_SISMA _UP	Max	573.0244	0.0000	12-1
12	13	SLU_SISMA _UP	Max	0.0000	0.0000	12-1
12	12	SLU_SISMA _UP	Min	0.0000	0.0000	12-1
12	13	SLU_SISMA _UP	Min	-579.0929	0.0000	12-1
13	13	SLE	Max	655.8884	0.0000	13-1
13	14	SLE	Max	0.0000	0.0000	13-1
13	13	SLE	Min	0.0000	0.0000	13-1
13	14	SLE	Min	-781.0323	0.0000	13-1
13	13	SLE_SISMA _DOWN	Max	770.3224	0.0000	13-1
13	14	SLE_SISMA _DOWN	Max	0.0000	0.0000	13-1
13	13	SLE_SISMA _DOWN	Min	0.0000	0.0000	13-1
13	14	SLE_SISMA _DOWN	Min	-851.9930	0.0000	13-1
13	13	SLE_SISMA _UP	Max	682.1027	0.0000	13-1
13	14	SLE_SISMA _UP	Max	0.0000	0.0000	13-1
13	13	SLE_SISMA _UP	Min	0.0000	0.0000	13-1
13	14	SLE_SISMA _UP	Min	-745.2007	0.0000	13-1
13	13	SLU_SISMA _DOWN	Max	802.4591	0.0000	13-1
13	14	SLU_SISMA _DOWN	Max	0.0000	0.0000	13-1
13	13	SLU_SISMA _DOWN	Min	0.0000	0.0000	13-1
13	14	SLU_SISMA _DOWN	Min	-801.4170	0.0000	13-1
13	13	SLU_SISMA _UP	Max	579.0929	0.0000	13-1
13	14	SLU_SISMA _UP	Max	0.0000	0.0000	13-1

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem
13	13	SLU_SISMA _UP	Min	0.0000	0.0000	13-1
13	14	SLU_SISMA _UP	Min	-536.6390	0.0000	13-1
14	14	SLE	Max	781.0323	0.0000	14-1
14	15	SLE	Max	0.0000	0.0000	14-1
14	14	SLE	Min	0.0000	0.0000	14-1
14	15	SLE	Min	-823.4991	0.0000	14-1
14	14	SLE_SISMA _DOWN	Max	851.9930	0.0000	14-1
14	15	SLE_SISMA _DOWN	Max	0.0000	0.0000	14-1
14	14	SLE_SISMA _DOWN	Min	0.0000	0.0000	14-1
14	15	SLE_SISMA _DOWN	Min	-846.1216	0.0000	14-1
14	14	SLE_SISMA _UP	Max	745.2007	0.0000	14-1
14	15	SLE_SISMA _UP	Max	0.0000	0.0000	14-1
14	14	SLE_SISMA _UP	Min	0.0000	0.0000	14-1
14	15	SLE_SISMA _UP	Min	-732.9779	0.0000	14-1
14	14	SLU_SISMA _DOWN	Max	801.4170	0.0000	14-1
14	15	SLU_SISMA _DOWN	Max	0.0000	0.0000	14-1
14	14	SLU_SISMA _DOWN	Min	0.0000	0.0000	14-1
14	15	SLU_SISMA _DOWN	Min	-724.3403	0.0000	14-1
14	14	SLU_SISMA _UP	Max	536.6390	0.0000	14-1
14	15	SLU_SISMA _UP	Max	0.0000	0.0000	14-1
14	14	SLU_SISMA _UP	Min	0.0000	0.0000	14-1
14	15	SLU_SISMA _UP	Min	-448.4446	0.0000	14-1
15	15	SLE	Max	823.4991	0.0000	15-1
15	16	SLE	Max	0.0000	0.0000	15-1
15	15	SLE	Min	0.0000	0.0000	15-1
15	16	SLE	Min	-781.0323	0.0000	15-1
15	15	SLE_SISMA _DOWN	Max	846.1216	0.0000	15-1
15	16	SLE_SISMA _DOWN	Max	0.0000	0.0000	15-1
15	15	SLE_SISMA _DOWN	Min	0.0000	0.0000	15-1
15	16	SLE_SISMA _DOWN	Min	-752.1010	0.0000	15-1
15	15	SLE_SISMA _UP	Max	732.9779	0.0000	15-1
15	16	SLE_SISMA _UP	Max	0.0000	0.0000	15-1
15	15	SLE_SISMA _UP	Min	0.0000	0.0000	15-1
15	16	SLE_SISMA _UP	Min	-645.2191	0.0000	15-1
15	15	SLU_SISMA _DOWN	Max	724.3403	0.0000	15-1
15	16	SLU_SISMA _DOWN	Max	0.0000	0.0000	15-1

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem
15	15	SLU_SISMA _DOWN	Min	0.0000	0.0000	15-1
15	16	SLU_SISMA _DOWN	Min	-573.4202	0.0000	15-1
15	15	SLU_SISMA _UP	Max	448.4446	0.0000	15-1
15	16	SLU_SISMA _UP	Max	0.0000	0.0000	15-1
15	15	SLU_SISMA _UP	Min	0.0000	0.0000	15-1
15	16	SLU_SISMA _UP	Min	-317.5462	0.0000	15-1
16	16	SLE	Max	781.0323	0.0000	16-1
16	17	SLE	Max	0.0000	0.0000	16-1
16	16	SLE	Min	0.0000	0.0000	16-1
16	17	SLE	Min	-655.8884	0.0000	16-1
16	16	SLE_SISMA _DOWN	Max	752.1010	0.0000	16-1
16	17	SLE_SISMA _DOWN	Max	0.0000	0.0000	16-1
16	16	SLE_SISMA _DOWN	Min	0.0000	0.0000	16-1
16	17	SLE_SISMA _DOWN	Min	-574.1528	0.0000	16-1
16	16	SLE_SISMA _UP	Max	645.2191	0.0000	16-1
16	17	SLE_SISMA _UP	Max	0.0000	0.0000	16-1
16	16	SLE_SISMA _UP	Min	0.0000	0.0000	16-1
16	17	SLE_SISMA _UP	Min	-485.7560	0.0000	16-1
16	16	SLU_SISMA _DOWN	Max	573.4202	0.0000	16-1
16	17	SLU_SISMA _DOWN	Max	0.0000	0.0000	16-1
16	16	SLU_SISMA _DOWN	Min	0.0000	0.0000	16-1
16	17	SLU_SISMA _DOWN	Min	-354.9529	0.0000	16-1
16	16	SLU_SISMA _UP	Max	317.5462	0.0000	16-1
16	17	SLU_SISMA _UP	Max	0.0000	0.0000	16-1
16	16	SLU_SISMA _UP	Min	0.0000	0.0000	16-1
16	17	SLU_SISMA _UP	Min	-149.1754	0.0000	16-1
17	17	SLE	Max	655.8884	0.0000	17-1
17	18	SLE	Max	0.0000	0.0000	17-1
17	17	SLE	Min	0.0000	0.0000	17-1
17	18	SLE	Min	-454.9465	0.0000	17-1
17	17	SLE_SISMA _DOWN	Max	574.1528	0.0000	17-1
17	18	SLE_SISMA _DOWN	Max	0.0000	0.0000	17-1
17	17	SLE_SISMA _DOWN	Min	0.0000	0.0000	17-1
17	18	SLE_SISMA _DOWN	Min	-322.2527	0.0000	17-1
17	17	SLE_SISMA _UP	Max	485.7560	0.0000	17-1
17	18	SLE_SISMA _UP	Max	0.0000	0.0000	17-1

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem
17	17	SLE_SISMA _UP	Min	0.0000	0.0000	17-1
17	18	SLE_SISMA _UP	Min	-263.3841	0.0000	17-1
17	17	SLU_SISMA _DOWN	Max	354.9529	0.0000	17-1
17	18	SLU_SISMA _DOWN	Max	0.0000	0.0000	17-1
17	17	SLU_SISMA _DOWN	Min	0.0000	0.0000	17-1
17	18	SLU_SISMA _DOWN	Min	-81.4734	0.0000	17-1
17	17	SLU_SISMA _UP	Max	149.1754	0.0000	17-1
17	18	SLU_SISMA _UP	Max	47.1258	0.0000	17-1
17	17	SLU_SISMA _UP	Min	0.0000	0.0000	17-1
17	18	SLU_SISMA _UP	Min	0.0000	0.0000	17-1
18	18	SLE	Max	454.9465	0.0000	18-1
18	19	SLE	Max	0.0000	0.0000	18-1
18	18	SLE	Min	0.0000	0.0000	18-1
18	19	SLE	Min	-189.9170	0.0000	18-1
18	18	SLE_SISMA _DOWN	Max	322.2527	0.0000	18-1
18	19	SLE_SISMA _DOWN	Max	0.0000	0.0000	18-1
18	18	SLE_SISMA _DOWN	Min	0.0000	0.0000	18-1
18	19	SLE_SISMA _DOWN	Min	-12.2251	0.0000	18-1
18	18	SLE_SISMA _UP	Max	263.3841	0.0000	18-1
18	19	SLE_SISMA _UP	Max	8.0510	0.0000	18-1
18	18	SLE_SISMA _UP	Min	0.0000	0.0000	18-1
18	19	SLE_SISMA _UP	Min	0.0000	0.0000	18-1
18	18	SLU_SISMA _DOWN	Max	81.4734	0.0000	18-1
18	19	SLU_SISMA _DOWN	Max	228.3347	0.0000	18-1
18	18	SLU_SISMA _DOWN	Min	0.0000	0.0000	18-1
18	19	SLU_SISMA _DOWN	Min	0.0000	0.0000	18-1
18	18	SLU_SISMA _UP	Max	0.0000	0.0000	18-1
18	19	SLU_SISMA _UP	Max	257.6177	0.0000	18-1
18	18	SLU_SISMA _UP	Min	-47.1258	0.0000	18-1
18	19	SLU_SISMA _UP	Min	0.0000	0.0000	18-1
19	19	SLE	Max	189.9170	0.0000	19-1
19	20	SLE	Max	123.4553	0.0000	19-1
19	19	SLE	Min	0.0000	0.0000	19-1
19	20	SLE	Min	0.0000	0.0000	19-1
19	19	SLE_SISMA _DOWN	Max	12.2251	0.0000	19-1
19	20	SLE_SISMA _DOWN	Max	335.4079	0.0000	19-1

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem
19	19	SLE_SISMA _DOWN	Min	0.0000	0.0000	19-1
19	20	SLE_SISMA _DOWN	Min	0.0000	0.0000	19-1
19	19	SLE_SISMA _UP	Max	0.0000	0.0000	19-1
19	20	SLE_SISMA _UP	Max	310.6873	0.0000	19-1
19	19	SLE_SISMA _UP	Min	-8.0510	0.0000	19-1
19	20	SLE_SISMA _UP	Min	0.0000	0.0000	19-1
19	19	SLU_SISMA _DOWN	Max	0.0000	0.0000	19-1
19	20	SLU_SISMA _DOWN	Max	551.2908	0.0000	19-1
19	19	SLU_SISMA _DOWN	Min	-228.3347	0.0000	19-1
19	20	SLU_SISMA _DOWN	Min	0.0000	0.0000	19-1
19	19	SLU_SISMA _UP	Max	0.0000	0.0000	19-1
19	20	SLU_SISMA _UP	Max	465.7413	0.0000	19-1
19	19	SLU_SISMA _UP	Min	-257.6177	0.0000	19-1
19	20	SLU_SISMA _UP	Min	0.0000	0.0000	19-1
20	20	SLE	Max	0.0000	0.0000	20-1
20	21	SLE	Max	467.2876	0.0000	20-1
20	20	SLE	Min	-123.4553	0.0000	20-1
20	21	SLE	Min	0.0000	0.0000	20-1
20	20	SLE_SISMA _DOWN	Max	0.0000	0.0000	20-1
20	21	SLE_SISMA _DOWN	Max	697.8095	0.0000	20-1
20	20	SLE_SISMA _DOWN	Min	-335.4079	0.0000	20-1
20	21	SLE_SISMA _DOWN	Min	0.0000	0.0000	20-1
20	20	SLE_SISMA _UP	Max	0.0000	0.0000	20-1
20	21	SLE_SISMA _UP	Max	624.7768	0.0000	20-1
20	20	SLE_SISMA _UP	Min	-310.6873	0.0000	20-1
20	21	SLE_SISMA _UP	Min	0.0000	0.0000	20-1
20	20	SLU_SISMA _DOWN	Max	0.0000	0.0000	20-1
20	21	SLU_SISMA _DOWN	Max	862.6949	0.0000	20-1
20	20	SLU_SISMA _DOWN	Min	-551.2908	0.0000	20-1
20	21	SLU_SISMA _DOWN	Min	0.0000	0.0000	20-1
20	20	SLU_SISMA _UP	Max	0.0000	0.0000	20-1
20	21	SLU_SISMA _UP	Max	654.5005	0.0000	20-1
20	20	SLU_SISMA _UP	Min	-465.7413	0.0000	20-1
20	21	SLU_SISMA _UP	Min	0.0000	0.0000	20-1

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem
21	21	SLE	Max	0.0000	0.0000	21-1
21	22	SLE	Max	819.3790	0.0000	21-1
21	21	SLE	Min	-467.2876	0.0000	21-1
21	22	SLE	Min	0.0000	0.0000	21-1
21	21	SLE_SISMA _DOWN	Max	0.0000	0.0000	21-1
21	22	SLE_SISMA _DOWN	Max	1047.9402	0.0000	21-1
21	21	SLE_SISMA _DOWN	Min	-697.8095	0.0000	21-1
21	22	SLE_SISMA _DOWN	Min	0.0000	0.0000	21-1
21	21	SLE_SISMA _UP	Max	0.0000	0.0000	21-1
21	22	SLE_SISMA _UP	Max	926.9925	0.0000	21-1
21	21	SLE_SISMA _UP	Min	-624.7768	0.0000	21-1
21	22	SLE_SISMA _UP	Min	0.0000	0.0000	21-1
21	21	SLU_SISMA _DOWN	Max	0.0000	0.0000	21-1
21	22	SLU_SISMA _DOWN	Max	1134.6361	0.0000	21-1
21	21	SLU_SISMA _DOWN	Min	-862.6949	0.0000	21-1
21	22	SLU_SISMA _DOWN	Min	0.0000	0.0000	21-1
21	21	SLU_SISMA _UP	Max	0.0000	0.0000	21-1
21	22	SLU_SISMA _UP	Max	805.2019	0.0000	21-1
21	21	SLU_SISMA _UP	Min	-654.5005	0.0000	21-1
21	22	SLU_SISMA _UP	Min	0.0000	0.0000	21-1
22	22	SLE	Max	0.0000	0.0000	22-1
22	23	SLE	Max	1148.0719	0.0000	22-1
22	22	SLE	Min	-819.3790	0.0000	22-1
22	23	SLE	Min	0.0000	0.0000	22-1
22	22	SLE_SISMA _DOWN	Max	0.0000	0.0000	22-1
22	23	SLE_SISMA _DOWN	Max	1349.5372	0.0000	22-1
22	22	SLE_SISMA _DOWN	Min	-1047.9402	0.0000	22-1
22	23	SLE_SISMA _DOWN	Min	0.0000	0.0000	22-1
22	22	SLE_SISMA _UP	Max	0.0000	0.0000	22-1
22	23	SLE_SISMA _UP	Max	1185.9280	0.0000	22-1
22	22	SLE_SISMA _UP	Min	-926.9925	0.0000	22-1
22	23	SLE_SISMA _UP	Min	0.0000	0.0000	22-1
22	22	SLU_SISMA _DOWN	Max	0.0000	0.0000	22-1
22	23	SLU_SISMA _DOWN	Max	1334.9807	0.0000	22-1
22	22	SLU_SISMA _DOWN	Min	-1134.6361	0.0000	22-1
22	23	SLU_SISMA _DOWN	Min	0.0000	0.0000	22-1

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem
22	22	SLU_SISMA _UP	Max	0.0000	0.0000	22-1
22	23	SLU_SISMA _UP	Max	906.3055	0.0000	22-1
22	22	SLU_SISMA _UP	Min	-805.2019	0.0000	22-1
22	23	SLU_SISMA _UP	Min	0.0000	0.0000	22-1
23	23	SLE	Max	0.0000	0.0000	23-1
23	24	SLE	Max	1416.8851	0.0000	23-1
23	23	SLE	Min	-1148.0719	0.0000	23-1
23	24	SLE	Min	0.0000	0.0000	23-1
23	23	SLE_SISMA _DOWN	Max	0.0000	0.0000	23-1
23	24	SLE_SISMA _DOWN	Max	1562.3648	0.0000	23-1
23	23	SLE_SISMA _DOWN	Min	-1349.5372	0.0000	23-1
23	24	SLE_SISMA _DOWN	Min	0.0000	0.0000	23-1
23	23	SLE_SISMA _UP	Max	0.0000	0.0000	23-1
23	24	SLE_SISMA _UP	Max	1366.8406	0.0000	23-1
23	23	SLE_SISMA _UP	Min	-1185.9280	0.0000	23-1
23	24	SLE_SISMA _UP	Min	0.0000	0.0000	23-1
23	23	SLU_SISMA _DOWN	Max	0.0000	0.0000	23-1
23	24	SLU_SISMA _DOWN	Max	1452.6235	0.0000	23-1
23	23	SLU_SISMA _DOWN	Min	-1334.9807	0.0000	23-1
23	24	SLU_SISMA _DOWN	Min	0.0000	0.0000	23-1
23	23	SLU_SISMA _UP	Max	0.0000	0.0000	23-1
23	24	SLU_SISMA _UP	Max	962.9649	0.0000	23-1
23	23	SLU_SISMA _UP	Min	-906.3055	0.0000	23-1
23	24	SLU_SISMA _UP	Min	0.0000	0.0000	23-1
24	24	SLE	Max	0.0000	0.0000	24-1
24	25	SLE	Max	1600.5727	0.0000	24-1
24	24	SLE	Min	-1416.8851	0.0000	24-1
24	25	SLE	Min	0.0000	0.0000	24-1
24	24	SLE_SISMA _DOWN	Max	0.0000	0.0000	24-1
24	25	SLE_SISMA _DOWN	Max	1681.1991	0.0000	24-1
24	24	SLE_SISMA _DOWN	Min	-1562.3648	0.0000	24-1
24	25	SLE_SISMA _DOWN	Min	0.0000	0.0000	24-1
24	24	SLE_SISMA _UP	Max	0.0000	0.0000	24-1
24	25	SLE_SISMA _UP	Max	1469.0435	0.0000	24-1
24	24	SLE_SISMA _UP	Min	-1366.8406	0.0000	24-1
24	25	SLE_SISMA _UP	Min	0.0000	0.0000	24-1

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem
24	24	SLU_SISMA _DOWN	Max	0.0000	0.0000	24-1
24	25	SLU_SISMA _DOWN	Max	1515.0483	0.0000	24-1
24	24	SLU_SISMA _DOWN	Min	-1452.6235	0.0000	24-1
24	25	SLU_SISMA _DOWN	Min	0.0000	0.0000	24-1
24	24	SLU_SISMA _UP	Max	0.0000	0.0000	24-1
24	25	SLU_SISMA _UP	Max	1002.3406	0.0000	24-1
24	24	SLU_SISMA _UP	Min	-962.9649	0.0000	24-1
24	25	SLU_SISMA _UP	Min	0.0000	0.0000	24-1
25	25	SLE	Max	0.0000	0.0000	25-1
25	26	SLE	Max	1745.6828	0.0000	25-1
25	25	SLE	Min	-1600.5727	0.0000	25-1
25	26	SLE	Min	0.0000	0.0000	25-1
25	25	SLE_SISMA _DOWN	Max	0.0000	0.0000	25-1
25	26	SLE_SISMA _DOWN	Max	1790.3800	0.0000	25-1
25	25	SLE_SISMA _DOWN	Min	-1681.1991	0.0000	25-1
25	26	SLE_SISMA _DOWN	Min	0.0000	0.0000	25-1
25	25	SLE_SISMA _UP	Max	0.0000	0.0000	25-1
25	26	SLE_SISMA _UP	Max	1571.9517	0.0000	25-1
25	25	SLE_SISMA _UP	Min	-1469.0435	0.0000	25-1
25	26	SLE_SISMA _UP	Min	0.0000	0.0000	25-1
25	25	SLU_SISMA _DOWN	Max	0.0000	0.0000	25-1
25	26	SLU_SISMA _DOWN	Max	1618.7462	0.0000	25-1
25	25	SLU_SISMA _DOWN	Min	-1515.0483	0.0000	25-1
25	26	SLU_SISMA _DOWN	Min	0.0000	0.0000	25-1
25	25	SLU_SISMA _UP	Max	0.0000	0.0000	25-1
25	26	SLU_SISMA _UP	Max	1100.6688	0.0000	25-1
25	25	SLU_SISMA _UP	Min	-1002.3406	0.0000	25-1
25	26	SLU_SISMA _UP	Min	0.0000	0.0000	25-1
26	26	SLE	Max	0.0000	0.0000	26-1
26	27	SLE	Max	1976.6368	0.0000	26-1
26	26	SLE	Min	-1745.6828	0.0000	26-1
26	27	SLE	Min	0.0000	0.0000	26-1
26	26	SLE_SISMA _DOWN	Max	0.0000	0.0000	26-1
26	27	SLE_SISMA _DOWN	Max	2003.6006	0.0000	26-1
26	26	SLE_SISMA _DOWN	Min	-1790.3800	0.0000	26-1
26	27	SLE_SISMA _DOWN	Min	0.0000	0.0000	26-1

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem
26	26	SLE_SISMA _UP	Max	0.0000	0.0000	26-1
26	27	SLE_SISMA _UP	Max	1778.3603	0.0000	26-1
26	26	SLE_SISMA _UP	Min	-1571.9517	0.0000	26-1
26	27	SLE_SISMA _UP	Min	0.0000	0.0000	26-1
26	26	SLU_SISMA _DOWN	Max	0.0000	0.0000	26-1
26	27	SLU_SISMA _DOWN	Max	1867.9343	0.0000	26-1
26	26	SLU_SISMA _DOWN	Min	-1618.7462	0.0000	26-1
26	27	SLU_SISMA _DOWN	Min	0.0000	0.0000	26-1
26	26	SLU_SISMA _UP	Max	0.0000	0.0000	26-1
26	27	SLU_SISMA _UP	Max	1340.4563	0.0000	26-1
26	26	SLU_SISMA _UP	Min	-1100.6688	0.0000	26-1
26	27	SLU_SISMA _UP	Min	0.0000	0.0000	26-1
27	27	SLE	Max	0.0000	0.0000	27-1
27	28	SLE	Max	2297.5128	0.0000	27-1
27	27	SLE	Min	-1976.6368	0.0000	27-1
27	28	SLE	Min	0.0000	0.0000	27-1
27	27	SLE_SISMA _DOWN	Max	0.0000	0.0000	27-1
27	28	SLE_SISMA _DOWN	Max	2323.0569	0.0000	27-1
27	27	SLE_SISMA _DOWN	Min	-2003.6006	0.0000	27-1
27	28	SLE_SISMA _DOWN	Min	0.0000	0.0000	27-1
27	27	SLE_SISMA _UP	Max	0.0000	0.0000	27-1
27	28	SLE_SISMA _UP	Max	2090.6458	0.0000	27-1
27	27	SLE_SISMA _UP	Min	-1778.3603	0.0000	27-1
27	28	SLE_SISMA _UP	Min	0.0000	0.0000	27-1
27	27	SLU_SISMA _DOWN	Max	0.0000	0.0000	27-1
27	28	SLU_SISMA _DOWN	Max	2263.6896	0.0000	27-1
27	27	SLU_SISMA _DOWN	Min	-1867.9343	0.0000	27-1
27	28	SLU_SISMA _DOWN	Min	0.0000	0.0000	27-1
27	27	SLU_SISMA _UP	Max	0.0000	0.0000	27-1
27	28	SLU_SISMA _UP	Max	1723.2728	0.0000	27-1
27	27	SLU_SISMA _UP	Min	-1340.4563	0.0000	27-1
27	28	SLU_SISMA _UP	Min	0.0000	0.0000	27-1
28	28	SLE	Max	0.0000	0.0000	28-1
28	29	SLE	Max	870.5279	0.0000	28-1
28	28	SLE	Min	-2297.5128	0.0000	28-1
28	29	SLE	Min	0.0000	0.0000	28-1

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem
28	28	SLE_SISMA _DOWN	Max	0.0000	0.0000	28-1
28	29	SLE_SISMA _DOWN	Max	897.9073	0.0000	28-1
28	28	SLE_SISMA _DOWN	Min	-2323.0569	0.0000	28-1
28	29	SLE_SISMA _DOWN	Min	0.0000	0.0000	28-1
28	28	SLE_SISMA _UP	Max	0.0000	0.0000	28-1
28	29	SLE_SISMA _UP	Max	816.6495	0.0000	28-1
28	28	SLE_SISMA _UP	Min	-2090.6458	0.0000	28-1
28	29	SLE_SISMA _UP	Min	0.0000	0.0000	28-1
28	28	SLU_SISMA _DOWN	Max	0.0000	0.0000	28-1
28	29	SLU_SISMA _DOWN	Max	920.2529	0.0000	28-1
28	28	SLU_SISMA _DOWN	Min	-2263.6896	0.0000	28-1
28	29	SLU_SISMA _DOWN	Min	0.0000	0.0000	28-1
28	28	SLU_SISMA _UP	Max	0.0000	0.0000	28-1
28	29	SLU_SISMA _UP	Max	730.1363	0.0000	28-1
28	28	SLU_SISMA _UP	Min	-1723.2728	0.0000	28-1
28	29	SLU_SISMA _UP	Min	0.0000	0.0000	28-1
29	29	SLE	Max	0.0000	0.0000	29-1
29	30	SLE	Max	658.0008	0.0000	29-1
29	29	SLE	Min	-870.5279	0.0000	29-1
29	30	SLE	Min	0.0000	0.0000	29-1
29	29	SLE_SISMA _DOWN	Max	0.0000	0.0000	29-1
29	30	SLE_SISMA _DOWN	Max	608.2441	0.0000	29-1
29	29	SLE_SISMA _DOWN	Min	-897.9073	0.0000	29-1
29	30	SLE_SISMA _DOWN	Min	0.0000	0.0000	29-1
29	29	SLE_SISMA _UP	Max	0.0000	0.0000	29-1
29	30	SLE_SISMA _UP	Max	545.1305	0.0000	29-1
29	29	SLE_SISMA _UP	Min	-816.6495	0.0000	29-1
29	30	SLE_SISMA _UP	Min	0.0000	0.0000	29-1
29	29	SLU_SISMA _DOWN	Max	0.0000	0.0000	29-1
29	30	SLU_SISMA _DOWN	Max	532.5777	0.0000	29-1
29	29	SLU_SISMA _DOWN	Min	-920.2529	0.0000	29-1
29	30	SLU_SISMA _DOWN	Min	0.0000	0.0000	29-1
29	29	SLU_SISMA _UP	Max	0.0000	0.0000	29-1
29	30	SLU_SISMA _UP	Max	391.4982	0.0000	29-1

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem
29	29	SLU_SISMA _UP	Min	-730.1363	0.0000	29-1
29	30	SLU_SISMA _UP	Min	0.0000	0.0000	29-1
30	30	SLE	Max	0.0000	0.0000	30-1
30	31	SLE	Max	628.5923	0.0000	30-1
30	30	SLE	Min	-658.0008	0.0000	30-1
30	31	SLE	Min	0.0000	0.0000	30-1
30	30	SLE_SISMA _DOWN	Max	0.0000	0.0000	30-1
30	31	SLE_SISMA _DOWN	Max	522.6924	0.0000	30-1
30	30	SLE_SISMA _DOWN	Min	-608.2441	0.0000	30-1
30	31	SLE_SISMA _DOWN	Min	0.0000	0.0000	30-1
30	30	SLE_SISMA _UP	Max	0.0000	0.0000	30-1
30	31	SLE_SISMA _UP	Max	461.7846	0.0000	30-1
30	30	SLE_SISMA _UP	Min	-545.1305	0.0000	30-1
30	31	SLE_SISMA _UP	Min	0.0000	0.0000	30-1
30	30	SLU_SISMA _DOWN	Max	0.0000	0.0000	30-1
30	31	SLU_SISMA _DOWN	Max	376.5767	0.0000	30-1
30	30	SLU_SISMA _DOWN	Min	-532.5777	0.0000	30-1
30	31	SLU_SISMA _DOWN	Min	0.0000	0.0000	30-1
30	30	SLU_SISMA _UP	Max	0.0000	0.0000	30-1
30	31	SLU_SISMA _UP	Max	246.5138	0.0000	30-1
30	30	SLU_SISMA _UP	Min	-391.4982	0.0000	30-1
30	31	SLU_SISMA _UP	Min	0.0000	0.0000	30-1
31	31	SLE	Max	0.0000	0.0000	31-1
31	32	SLE	Max	48.1181	0.0000	31-1
31	31	SLE	Min	-628.5923	0.0000	31-1
31	32	SLE	Min	0.0000	0.0000	31-1
31	31	SLE_SISMA _DOWN	Max	0.0000	0.0000	31-1
31	32	SLE_SISMA _DOWN	Max	0.0000	0.0000	31-1
31	31	SLE_SISMA _DOWN	Min	-522.6924	0.0000	31-1
31	32	SLE_SISMA _DOWN	Min	-87.0713	0.0000	31-1
31	31	SLE_SISMA _UP	Max	0.0000	0.0000	31-1
31	32	SLE_SISMA _UP	Max	0.0000	0.0000	31-1
31	31	SLE_SISMA _UP	Min	-461.7846	0.0000	31-1
31	32	SLE_SISMA _UP	Min	-86.7015	0.0000	31-1
31	31	SLU_SISMA _DOWN	Max	0.0000	0.0000	31-1
31	32	SLU_SISMA _DOWN	Max	0.0000	0.0000	31-1

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem
31	31	SLU_SISMA _DOWN	Min	-376.5767	0.0000	31-1
31	32	SLU_SISMA _DOWN	Min	-239.5608	0.0000	31-1
31	31	SLU_SISMA _UP	Max	0.0000	0.0000	31-1
31	32	SLU_SISMA _UP	Max	0.0000	0.0000	31-1
31	31	SLU_SISMA _UP	Min	-246.5138	0.0000	31-1
31	32	SLU_SISMA _UP	Min	-224.3826	0.0000	31-1
32	32	SLE	Max	0.0000	0.0000	32-1
32	33	SLE	Max	0.0000	0.0000	32-1
32	32	SLE	Min	-48.1181	0.0000	32-1
32	33	SLE	Min	-426.8805	0.0000	32-1
32	32	SLE_SISMA _DOWN	Max	87.0713	0.0000	32-1
32	33	SLE_SISMA _DOWN	Max	0.0000	0.0000	32-1
32	32	SLE_SISMA _DOWN	Min	0.0000	0.0000	32-1
32	33	SLE_SISMA _DOWN	Min	-570.3942	0.0000	32-1
32	32	SLE_SISMA _UP	Max	86.7015	0.0000	32-1
32	33	SLE_SISMA _UP	Max	0.0000	0.0000	32-1
32	32	SLE_SISMA _UP	Min	0.0000	0.0000	32-1
32	33	SLE_SISMA _UP	Min	-519.9281	0.0000	32-1
32	32	SLU_SISMA _DOWN	Max	239.5608	0.0000	32-1
32	33	SLU_SISMA _DOWN	Max	0.0000	0.0000	32-1
32	32	SLU_SISMA _DOWN	Min	0.0000	0.0000	32-1
32	33	SLU_SISMA _DOWN	Min	-707.0511	0.0000	32-1
32	32	SLU_SISMA _UP	Max	224.3826	0.0000	32-1
32	33	SLU_SISMA _UP	Max	0.0000	0.0000	32-1
32	32	SLU_SISMA _UP	Min	0.0000	0.0000	32-1
32	33	SLU_SISMA _UP	Min	-574.3463	0.0000	32-1
33	33	SLE	Max	426.8805	0.0000	33-1
33	34	SLE	Max	0.0000	0.0000	33-1
33	33	SLE	Min	0.0000	0.0000	33-1
33	34	SLE	Min	-795.7956	0.0000	33-1
33	33	SLE_SISMA _DOWN	Max	570.3942	0.0000	33-1
33	34	SLE_SISMA _DOWN	Max	0.0000	0.0000	33-1
33	33	SLE_SISMA _DOWN	Min	0.0000	0.0000	33-1
33	34	SLE_SISMA _DOWN	Min	-930.2001	0.0000	33-1
33	33	SLE_SISMA _UP	Max	519.9281	0.0000	33-1
33	34	SLE_SISMA _UP	Max	0.0000	0.0000	33-1

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem
33	33	SLE_SISMA _UP	Min	0.0000	0.0000	33-1
33	34	SLE_SISMA _UP	Min	-840.8032	0.0000	33-1
33	33	SLU_SISMA _DOWN	Max	707.0511	0.0000	33-1
33	34	SLU_SISMA _DOWN	Max	0.0000	0.0000	33-1
33	33	SLU_SISMA _DOWN	Min	0.0000	0.0000	33-1
33	34	SLU_SISMA _DOWN	Min	-1033.5065	0.0000	33-1
33	33	SLU_SISMA _UP	Max	574.3463	0.0000	33-1
33	34	SLU_SISMA _UP	Max	0.0000	0.0000	33-1
33	33	SLU_SISMA _UP	Min	0.0000	0.0000	33-1
33	34	SLU_SISMA _UP	Min	-810.6941	0.0000	33-1
34	34	SLE	Max	795.7956	0.0000	34-1
34	35	SLE	Max	0.0000	0.0000	34-1
34	34	SLE	Min	0.0000	0.0000	34-1
34	35	SLE	Min	-1058.7854	0.0000	34-1
34	34	SLE_SISMA _DOWN	Max	930.2001	0.0000	34-1
34	35	SLE_SISMA _DOWN	Max	0.0000	0.0000	34-1
34	34	SLE_SISMA _DOWN	Min	0.0000	0.0000	34-1
34	35	SLE_SISMA _DOWN	Min	-1170.1902	0.0000	34-1
34	34	SLE_SISMA _UP	Max	840.8032	0.0000	34-1
34	35	SLE_SISMA _UP	Max	0.0000	0.0000	34-1
34	34	SLE_SISMA _UP	Min	0.0000	0.0000	34-1
34	35	SLE_SISMA _UP	Min	-1052.9587	0.0000	34-1
34	34	SLU_SISMA _DOWN	Max	1033.5065	0.0000	34-1
34	35	SLU_SISMA _DOWN	Max	0.0000	0.0000	34-1
34	34	SLU_SISMA _DOWN	Min	0.0000	0.0000	34-1
34	35	SLU_SISMA _DOWN	Min	-1227.3873	0.0000	34-1
34	34	SLU_SISMA _UP	Max	810.6941	0.0000	34-1
34	35	SLU_SISMA _UP	Max	0.0000	0.0000	34-1
34	34	SLU_SISMA _UP	Min	0.0000	0.0000	34-1
34	35	SLU_SISMA _UP	Min	-941.4704	0.0000	34-1
35	35	SLE	Max	1058.7854	0.0000	35-1
35	36	SLE	Max	0.0000	0.0000	35-1
35	35	SLE	Min	0.0000	0.0000	35-1
35	36	SLE	Min	-1216.3027	0.0000	35-1
35	35	SLE_SISMA _DOWN	Max	1170.1902	0.0000	35-1
35	36	SLE_SISMA _DOWN	Max	0.0000	0.0000	35-1

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem
35	35	SLE_SISMA_DOWN	Min	0.0000	0.0000	35-1
35	36	SLE_SISMA_DOWN	Min	-1294.3468	0.0000	35-1
35	35	SLE_SISMA_UP	Max	1052.9587	0.0000	35-1
35	36	SLE_SISMA_UP	Max	0.0000	0.0000	35-1
35	35	SLE_SISMA_UP	Min	0.0000	0.0000	35-1
35	36	SLE_SISMA_UP	Min	-1160.3046	0.0000	35-1
35	35	SLU_SISMA_DOWN	Max	1227.3873	0.0000	35-1
35	36	SLU_SISMA_DOWN	Max	0.0000	0.0000	35-1
35	35	SLU_SISMA_DOWN	Min	0.0000	0.0000	35-1
35	36	SLU_SISMA_DOWN	Min	-1297.4997	0.0000	35-1
35	35	SLU_SISMA_UP	Max	941.4704	0.0000	35-1
35	36	SLU_SISMA_UP	Max	0.0000	0.0000	35-1
35	35	SLU_SISMA_UP	Min	0.0000	0.0000	35-1
35	36	SLU_SISMA_UP	Min	-975.0633	0.0000	35-1
36	36	SLE	Max	1216.3027	0.0000	36-1
36	37	SLE	Max	0.0000	0.0000	36-1
36	36	SLE	Min	0.0000	0.0000	36-1
36	37	SLE	Min	-1268.7554	0.0000	36-1
36	36	SLE_SISMA_DOWN	Max	1294.3468	0.0000	36-1
36	37	SLE_SISMA_DOWN	Max	0.0000	0.0000	36-1
36	36	SLE_SISMA_DOWN	Min	0.0000	0.0000	36-1
36	37	SLE_SISMA_DOWN	Min	-1306.5873	0.0000	36-1
36	36	SLE_SISMA_UP	Max	1160.3046	0.0000	36-1
36	37	SLE_SISMA_UP	Max	0.0000	0.0000	36-1
36	36	SLE_SISMA_UP	Min	0.0000	0.0000	36-1
36	37	SLE_SISMA_UP	Min	-1166.7188	0.0000	36-1
36	36	SLU_SISMA_DOWN	Max	1297.4997	0.0000	36-1
36	37	SLU_SISMA_DOWN	Max	0.0000	0.0000	36-1
36	36	SLU_SISMA_DOWN	Min	0.0000	0.0000	36-1
36	37	SLU_SISMA_DOWN	Min	-1252.6582	0.0000	36-1
36	36	SLU_SISMA_UP	Max	975.0633	0.0000	36-1
36	37	SLU_SISMA_UP	Max	0.0000	0.0000	36-1
36	36	SLU_SISMA_UP	Min	0.0000	0.0000	36-1
36	37	SLU_SISMA_UP	Min	-919.9520	0.0000	36-1

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem
37	37	SLE	Max	1268.7554	0.0000	37-1
37	38	SLE	Max	0.0000	0.0000	37-1
37	37	SLE	Min	0.0000	0.0000	37-1
37	38	SLE	Min	-1216.3027	0.0000	37-1
37	37	SLE_SISMA _DOWN	Max	1306.5873	0.0000	37-1
37	38	SLE_SISMA _DOWN	Max	0.0000	0.0000	37-1
37	37	SLE_SISMA _DOWN	Min	0.0000	0.0000	37-1
37	38	SLE_SISMA _DOWN	Min	-1210.5655	0.0000	37-1
37	37	SLE_SISMA _UP	Max	1166.7188	0.0000	37-1
37	38	SLE_SISMA _UP	Max	0.0000	0.0000	37-1
37	37	SLE_SISMA _UP	Min	0.0000	0.0000	37-1
37	38	SLE_SISMA _UP	Min	-1075.8704	0.0000	37-1
37	37	SLU_SISMA _DOWN	Max	1252.6582	0.0000	37-1
37	38	SLU_SISMA _DOWN	Max	0.0000	0.0000	37-1
37	37	SLU_SISMA _DOWN	Min	0.0000	0.0000	37-1
37	38	SLU_SISMA _DOWN	Min	-1101.5060	0.0000	37-1
37	37	SLU_SISMA _UP	Max	919.9520	0.0000	37-1
37	38	SLU_SISMA _UP	Max	0.0000	0.0000	37-1
37	37	SLU_SISMA _UP	Min	0.0000	0.0000	37-1
37	38	SLU_SISMA _UP	Min	-784.5772	0.0000	37-1
38	38	SLE	Max	1216.3027	0.0000	38-1
38	39	SLE	Max	0.0000	0.0000	38-1
38	38	SLE	Min	0.0000	0.0000	38-1
38	39	SLE	Min	-1058.7854	0.0000	38-1
38	38	SLE_SISMA _DOWN	Max	1210.5655	0.0000	38-1
38	39	SLE_SISMA _DOWN	Max	0.0000	0.0000	38-1
38	38	SLE_SISMA _DOWN	Min	0.0000	0.0000	38-1
38	39	SLE_SISMA _DOWN	Min	-1009.6187	0.0000	38-1
38	38	SLE_SISMA _UP	Max	1075.8704	0.0000	38-1
38	39	SLE_SISMA _UP	Max	0.0000	0.0000	38-1
38	38	SLE_SISMA _UP	Min	0.0000	0.0000	38-1
38	39	SLE_SISMA _UP	Min	-891.1743	0.0000	38-1
38	38	SLU_SISMA _DOWN	Max	1101.5060	0.0000	38-1
38	39	SLU_SISMA _DOWN	Max	0.0000	0.0000	38-1
38	38	SLU_SISMA _DOWN	Min	0.0000	0.0000	38-1
38	39	SLU_SISMA _DOWN	Min	-852.4831	0.0000	38-1

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem
38	38	SLU_SISMA _UP	Max	784.5772	0.0000	38-1
38	39	SLU_SISMA _UP	Max	0.0000	0.0000	38-1
38	38	SLU_SISMA _UP	Min	0.0000	0.0000	38-1
38	39	SLU_SISMA _UP	Min	-577.3242	0.0000	38-1
39	39	SLE	Max	1058.7854	0.0000	39-1
39	40	SLE	Max	0.0000	0.0000	39-1
39	39	SLE	Min	0.0000	0.0000	39-1
39	40	SLE	Min	-795.7956	0.0000	39-1
39	39	SLE_SISMA _DOWN	Max	1009.6187	0.0000	39-1
39	40	SLE_SISMA _DOWN	Max	0.0000	0.0000	39-1
39	39	SLE_SISMA _DOWN	Min	0.0000	0.0000	39-1
39	40	SLE_SISMA _DOWN	Min	-706.8557	0.0000	39-1
39	39	SLE_SISMA _UP	Max	891.1743	0.0000	39-1
39	40	SLE_SISMA _UP	Max	0.0000	0.0000	39-1
39	39	SLE_SISMA _UP	Min	0.0000	0.0000	39-1
39	40	SLE_SISMA _UP	Min	-615.8714	0.0000	39-1
39	39	SLU_SISMA _DOWN	Max	852.4831	0.0000	39-1
39	40	SLU_SISMA _DOWN	Max	0.0000	0.0000	39-1
39	39	SLU_SISMA _DOWN	Min	0.0000	0.0000	39-1
39	40	SLU_SISMA _DOWN	Min	-513.9319	0.0000	39-1
39	39	SLU_SISMA _UP	Max	577.3242	0.0000	39-1
39	40	SLU_SISMA _UP	Max	0.0000	0.0000	39-1
39	39	SLU_SISMA _UP	Min	0.0000	0.0000	39-1
39	40	SLU_SISMA _UP	Min	-306.6093	0.0000	39-1
40	40	SLE	Max	795.7956	0.0000	40-1
40	41	SLE	Max	0.0000	0.0000	40-1
40	40	SLE	Min	0.0000	0.0000	40-1
40	41	SLE	Min	-426.8805	0.0000	40-1
40	40	SLE_SISMA _DOWN	Max	706.8557	0.0000	40-1
40	41	SLE_SISMA _DOWN	Max	0.0000	0.0000	40-1
40	40	SLE_SISMA _DOWN	Min	0.0000	0.0000	40-1
40	41	SLE_SISMA _DOWN	Min	-305.3805	0.0000	40-1
40	40	SLE_SISMA _UP	Max	615.8714	0.0000	40-1
40	41	SLE_SISMA _UP	Max	0.0000	0.0000	40-1
40	40	SLE_SISMA _UP	Min	0.0000	0.0000	40-1
40	41	SLE_SISMA _UP	Min	-253.2304	0.0000	40-1

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem
40	40	SLU_SISMA _DOWN	Max	513.9319	0.0000	40-1
40	41	SLU_SISMA _DOWN	Max	0.0000	0.0000	40-1
40	40	SLU_SISMA _DOWN	Min	0.0000	0.0000	40-1
40	41	SLU_SISMA _DOWN	Min	-94.3286	0.0000	40-1
40	40	SLU_SISMA _UP	Max	306.6093	0.0000	40-1
40	41	SLU_SISMA _UP	Max	18.9432	0.0000	40-1
40	40	SLU_SISMA _UP	Min	0.0000	0.0000	40-1
40	41	SLU_SISMA _UP	Min	0.0000	0.0000	40-1
41	41	SLE	Max	426.8805	0.0000	41-1
41	42	SLE	Max	48.1181	0.0000	41-1
41	41	SLE	Min	0.0000	0.0000	41-1
41	42	SLE	Min	0.0000	0.0000	41-1
41	41	SLE_SISMA _DOWN	Max	305.3805	0.0000	41-1
41	42	SLE_SISMA _DOWN	Max	191.3543	0.0000	41-1
41	41	SLE_SISMA _DOWN	Min	0.0000	0.0000	41-1
41	42	SLE_SISMA _DOWN	Min	0.0000	0.0000	41-1
41	41	SLE_SISMA _UP	Max	253.2304	0.0000	41-1
41	42	SLE_SISMA _UP	Max	193.1352	0.0000	41-1
41	41	SLE_SISMA _UP	Min	0.0000	0.0000	41-1
41	42	SLE_SISMA _UP	Min	0.0000	0.0000	41-1
41	41	SLU_SISMA _DOWN	Max	94.3286	0.0000	41-1
41	42	SLU_SISMA _DOWN	Max	397.3729	0.0000	41-1
41	41	SLU_SISMA _DOWN	Min	0.0000	0.0000	41-1
41	42	SLU_SISMA _DOWN	Min	0.0000	0.0000	41-1
41	41	SLU_SISMA _UP	Max	0.0000	0.0000	41-1
41	42	SLU_SISMA _UP	Max	390.2451	0.0000	41-1
41	41	SLU_SISMA _UP	Min	-18.9432	0.0000	41-1
41	42	SLU_SISMA _UP	Min	0.0000	0.0000	41-1
42	42	SLE	Max	0.0000	0.0000	42-1
42	43	SLE	Max	628.5923	0.0000	42-1
42	42	SLE	Min	-48.1181	0.0000	42-1
42	43	SLE	Min	0.0000	0.0000	42-1
42	42	SLE_SISMA _DOWN	Max	0.0000	0.0000	42-1
42	43	SLE_SISMA _DOWN	Max	779.0721	0.0000	42-1
42	42	SLE_SISMA _DOWN	Min	-191.3543	0.0000	42-1
42	43	SLE_SISMA _DOWN	Min	0.0000	0.0000	42-1

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem
42	42	SLE_SISMA _UP	Max	0.0000	0.0000	42-1
42	43	SLE_SISMA _UP	Max	718.8431	0.0000	42-1
42	42	SLE_SISMA _UP	Min	-193.1352	0.0000	42-1
42	43	SLE_SISMA _UP	Min	0.0000	0.0000	42-1
42	42	SLU_SISMA _DOWN	Max	0.0000	0.0000	42-1
42	43	SLU_SISMA _DOWN	Max	951.2996	0.0000	42-1
42	42	SLU_SISMA _DOWN	Min	-397.3729	0.0000	42-1
42	43	SLU_SISMA _DOWN	Min	0.0000	0.0000	42-1
42	42	SLU_SISMA _UP	Max	0.0000	0.0000	42-1
42	43	SLU_SISMA _UP	Max	797.4229	0.0000	42-1
42	42	SLU_SISMA _UP	Min	-390.2451	0.0000	42-1
42	43	SLU_SISMA _UP	Min	0.0000	0.0000	42-1
43	43	SLE	Max	0.0000	0.0000	43-1
43	44	SLE	Max	658.0008	0.0000	43-1
43	43	SLE	Min	-628.5923	0.0000	43-1
43	44	SLE	Min	0.0000	0.0000	43-1
43	43	SLE_SISMA _DOWN	Max	0.0000	0.0000	43-1
43	44	SLE_SISMA _DOWN	Max	754.7592	0.0000	43-1
43	43	SLE_SISMA _DOWN	Min	-779.0721	0.0000	43-1
43	44	SLE_SISMA _DOWN	Min	0.0000	0.0000	43-1
43	43	SLE_SISMA _UP	Max	0.0000	0.0000	43-1
43	44	SLE_SISMA _UP	Max	691.6698	0.0000	43-1
43	43	SLE_SISMA _UP	Min	-718.8431	0.0000	43-1
43	44	SLE_SISMA _UP	Min	0.0000	0.0000	43-1
43	43	SLU_SISMA _DOWN	Max	0.0000	0.0000	43-1
43	44	SLU_SISMA _DOWN	Max	854.9776	0.0000	43-1
43	43	SLU_SISMA _DOWN	Min	-951.2996	0.0000	43-1
43	44	SLU_SISMA _DOWN	Min	0.0000	0.0000	43-1
43	43	SLU_SISMA _UP	Max	0.0000	0.0000	43-1
43	44	SLU_SISMA _UP	Max	698.6979	0.0000	43-1
43	43	SLU_SISMA _UP	Min	-797.4229	0.0000	43-1
43	44	SLU_SISMA _UP	Min	0.0000	0.0000	43-1
44	44	SLE	Max	0.0000	0.0000	44-1
44	1	SLE	Max	870.5279	0.0000	44-1
44	44	SLE	Min	-658.0008	0.0000	44-1
44	1	SLE	Min	0.0000	0.0000	44-1

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem
44	44	SLE_SISMA _DOWN	Max	0.0000	0.0000	44-1
44	1	SLE_SISMA _DOWN	Max	908.0090	0.0000	44-1
44	44	SLE_SISMA _DOWN	Min	-754.7592	0.0000	44-1
44	1	SLE_SISMA _DOWN	Min	0.0000	0.0000	44-1
44	44	SLE_SISMA _UP	Max	0.0000	0.0000	44-1
44	1	SLE_SISMA _UP	Max	826.4763	0.0000	44-1
44	44	SLE_SISMA _UP	Min	-691.6698	0.0000	44-1
44	1	SLE_SISMA _UP	Min	0.0000	0.0000	44-1
44	44	SLU_SISMA _DOWN	Max	0.0000	0.0000	44-1
44	1	SLU_SISMA _DOWN	Max	929.7168	0.0000	44-1
44	44	SLU_SISMA _DOWN	Min	-854.9776	0.0000	44-1
44	1	SLU_SISMA _DOWN	Min	0.0000	0.0000	44-1
44	44	SLU_SISMA _UP	Max	0.0000	0.0000	44-1
44	1	SLU_SISMA _UP	Max	734.0837	0.0000	44-1
44	44	SLU_SISMA _UP	Min	-698.6979	0.0000	44-1
44	1	SLU_SISMA _UP	Min	0.0000	0.0000	44-1
45	2	SLE	Max	0.0000	0.0000	45-1
45	43	SLE	Max	0.0000	0.0000	45-1
45	2	SLE	Min	0.0000	0.0000	45-1
45	43	SLE	Min	-2.665E-14	0.0000	45-1
45	2	SLE_SISMA _DOWN	Max	0.0000	0.0000	45-1
45	43	SLE_SISMA _DOWN	Max	0.0000	0.0000	45-1
45	2	SLE_SISMA _DOWN	Min	0.0000	0.0000	45-1
45	43	SLE_SISMA _DOWN	Min	-1.776E-14	0.0000	45-1
45	2	SLE_SISMA _UP	Max	0.0000	0.0000	45-1
45	43	SLE_SISMA _UP	Max	0.0000	0.0000	45-1
45	2	SLE_SISMA _UP	Min	0.0000	0.0000	45-1
45	43	SLE_SISMA _UP	Min	-8.882E-15	0.0000	45-1
45	2	SLU_SISMA _DOWN	Max	0.0000	0.0000	45-1
45	43	SLU_SISMA _DOWN	Max	0.0000	0.0000	45-1
45	2	SLU_SISMA _DOWN	Min	0.0000	0.0000	45-1
45	43	SLU_SISMA _DOWN	Min	-1.776E-14	0.0000	45-1
45	2	SLU_SISMA _UP	Max	0.0000	0.0000	45-1
45	43	SLU_SISMA _UP	Max	0.0000	0.0000	45-1

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem
45	2	SLU_SISMA _UP	Min	0.0000	0.0000	45-1
45	43	SLU_SISMA _UP	Min	0.0000	0.0000	45-1
46	31	SLE	Max	0.0000	0.0000	46-1
46	28	SLE	Max	0.0000	0.0000	46-1
46	31	SLE	Min	0.0000	0.0000	46-1
46	28	SLE	Min	-2.665E-14	0.0000	46-1
46	31	SLE_SISMA _DOWN	Max	0.0000	0.0000	46-1
46	28	SLE_SISMA _DOWN	Max	0.0000	0.0000	46-1
46	31	SLE_SISMA _DOWN	Min	0.0000	0.0000	46-1
46	28	SLE_SISMA _DOWN	Min	-1.776E-14	0.0000	46-1
46	31	SLE_SISMA _UP	Max	0.0000	0.0000	46-1
46	28	SLE_SISMA _UP	Max	0.0000	0.0000	46-1
46	31	SLE_SISMA _UP	Min	0.0000	0.0000	46-1
46	28	SLE_SISMA _UP	Min	-8.882E-15	0.0000	46-1
46	31	SLU_SISMA _DOWN	Max	0.0000	0.0000	46-1
46	28	SLU_SISMA _DOWN	Max	0.0000	0.0000	46-1
46	31	SLU_SISMA _DOWN	Min	0.0000	0.0000	46-1
46	28	SLU_SISMA _DOWN	Min	-1.776E-14	0.0000	46-1
46	31	SLU_SISMA _UP	Max	0.0000	0.0000	46-1
46	28	SLU_SISMA _UP	Max	0.0000	0.0000	46-1
46	31	SLU_SISMA _UP	Min	0.0000	0.0000	46-1
46	28	SLU_SISMA _UP	Min	0.0000	0.0000	46-1

Table: Frame Auto Mesh Assignments

Table: Frame Auto Mesh Assignments

Frame	AutoMesh	AtJoints	AtFrames	NumSegme nts	MaxLength m	MaxDegrees Degrees
1	Yes	Yes	No	0	0.000000	0.000
2	Yes	Yes	No	0	0.000000	0.000
3	Yes	Yes	No	0	0.000000	0.000
4	Yes	Yes	No	0	0.000000	0.000
5	Yes	Yes	No	0	0.000000	0.000
6	Yes	Yes	No	0	0.000000	0.000
7	Yes	Yes	No	0	0.000000	0.000
8	Yes	Yes	No	0	0.000000	0.000
9	Yes	Yes	No	0	0.000000	0.000
10	Yes	Yes	No	0	0.000000	0.000
11	Yes	Yes	No	0	0.000000	0.000
12	Yes	Yes	No	0	0.000000	0.000
13	Yes	Yes	No	0	0.000000	0.000
14	Yes	Yes	No	0	0.000000	0.000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Frame Auto Mesh Assignments

Frame	AutoMesh	AtJoints	AtFrames	NumSegments	MaxLength m	MaxDegrees Degrees
15	Yes	Yes	No	0	0.000000	0.000
16	Yes	Yes	No	0	0.000000	0.000
17	Yes	Yes	No	0	0.000000	0.000
18	Yes	Yes	No	0	0.000000	0.000
19	Yes	Yes	No	0	0.000000	0.000
20	Yes	Yes	No	0	0.000000	0.000
21	Yes	Yes	No	0	0.000000	0.000
22	Yes	Yes	No	0	0.000000	0.000
23	Yes	Yes	No	0	0.000000	0.000
24	Yes	Yes	No	0	0.000000	0.000
25	Yes	Yes	No	0	0.000000	0.000
26	Yes	Yes	No	0	0.000000	0.000
27	Yes	Yes	No	0	0.000000	0.000
28	Yes	Yes	No	0	0.000000	0.000
29	Yes	Yes	No	0	0.000000	0.000
30	Yes	Yes	No	0	0.000000	0.000
31	Yes	Yes	No	0	0.000000	0.000
32	Yes	Yes	No	0	0.000000	0.000
33	Yes	Yes	No	0	0.000000	0.000
34	Yes	Yes	No	0	0.000000	0.000
35	Yes	Yes	No	0	0.000000	0.000
36	Yes	Yes	No	0	0.000000	0.000
37	Yes	Yes	No	0	0.000000	0.000
38	Yes	Yes	No	0	0.000000	0.000
39	Yes	Yes	No	0	0.000000	0.000
40	Yes	Yes	No	0	0.000000	0.000
41	Yes	Yes	No	0	0.000000	0.000
42	Yes	Yes	No	0	0.000000	0.000
43	Yes	Yes	No	0	0.000000	0.000
44	Yes	Yes	No	0	0.000000	0.000
45	Yes	Yes	No	0	0.000000	0.000
46	Yes	Yes	No	0	0.000000	0.000

Table: Frame Design Procedures

Table: Frame Design Procedures

Frame	DesignProc
1	From Material
2	From Material
3	From Material
4	From Material
5	From Material
6	From Material
7	From Material
8	From Material
9	From Material
10	From Material

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Frame Design Procedures

Frame	DesignProc
11	From Material
12	From Material
13	From Material
14	From Material
15	From Material
16	From Material
17	From Material
18	From Material
19	From Material
20	From Material
21	From Material
22	From Material
23	From Material
24	From Material
25	From Material
26	From Material
27	From Material
28	From Material
29	From Material
30	From Material
31	From Material
32	From Material
33	From Material
34	From Material
35	From Material
36	From Material
37	From Material
38	From Material
39	From Material
40	From Material
41	From Material
42	From Material

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Frame Design Procedures

Frame	DesignProc
43	From Material
44	From Material
45	From Material
46	From Material

Table: Frame Loads - Distributed, Part 1 of 3

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
1	PHSX_SLE	GLOBAL	Force	X	RelDist	0.0000
1	PHSX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
1	PHSX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
2	PHSX_SLE	GLOBAL	Force	X	RelDist	0.0000
2	PHSX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
2	PHSX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
3	PHSX_SLE	GLOBAL	Force	X	RelDist	0.0000
3	PHSX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
3	PHSX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
4	PHSX_SLE	GLOBAL	Force	X	RelDist	0.0000
4	PHSX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
4	PHSX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
5	PV_SLE	GLOBAL	Force	Gravity	RelDist	0.0000
5	PHSX_SLE	GLOBAL	Force	X	RelDist	0.0000
5	PV_SLE_SISMA_DO WN	GLOBAL	Force	Gravity	RelDist	0.0000
5	PHSX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
5	PV_SLE_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
5	PV_SLU_SISMA_D OWN	GLOBAL	Force	Gravity	RelDist	0.0000
5	PHSX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
5	PV_SLU_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
6	PV_SLE	GLOBAL	Force	Gravity	RelDist	0.0000
6	PHSX_SLE	GLOBAL	Force	X	RelDist	0.0000
6	PV_SLE_SISMA_DO WN	GLOBAL	Force	Gravity	RelDist	0.0000
6	PHSX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
6	PV_SLE_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
6	PV_SLU_SISMA_D OWN	GLOBAL	Force	Gravity	RelDist	0.0000
6	PHSX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
6	PV_SLU_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
7	PV_SLE	GLOBAL	Force	Gravity	RelDist	0.0000
7	PHSX_SLE	GLOBAL	Force	X	RelDist	0.0000
7	PV_SLE_SISMA_DO WN	GLOBAL	Force	Gravity	RelDist	0.0000
7	PHSX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
7	PV_SLE_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
7	PV_SLU_SISMA_D OWN	GLOBAL	Force	Gravity	RelDist	0.0000
7	PHSX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
7	PV_SLU_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
8	PV_SLE	GLOBAL	Force	Gravity	RelDist	0.0000
8	PHSX_SLE	GLOBAL	Force	X	RelDist	0.0000
8	PV_SLE_SISMA_DO WN	GLOBAL	Force	Gravity	RelDist	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
8	PHSX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
8	PV_SLE_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
8	PV_SLU_SISMA_D OWN	GLOBAL	Force	Gravity	RelDist	0.0000
8	PHSX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
8	PV_SLU_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
9	PV_SLE	GLOBAL	Force	Gravity	RelDist	0.0000
9	PHSX_SLE	GLOBAL	Force	X	RelDist	0.0000
9	PV_SLE_SISMA_DO WN	GLOBAL	Force	Gravity	RelDist	0.0000
9	PHSX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
9	PV_SLE_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
9	PV_SLU_SISMA_D OWN	GLOBAL	Force	Gravity	RelDist	0.0000
9	PHSX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
9	PV_SLU_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
10	PV_SLE	GLOBAL	Force	Gravity	RelDist	0.0000
10	PHSX_SLE	GLOBAL	Force	X	RelDist	0.0000
10	PV_SLE_SISMA_DO WN	GLOBAL	Force	Gravity	RelDist	0.0000
10	PHSX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
10	PV_SLE_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
10	PV_SLU_SISMA_D OWN	GLOBAL	Force	Gravity	RelDist	0.0000
10	PHSX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
10	PV_SLU_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
11	PV_SLE	GLOBAL	Force	Gravity	RelDist	0.0000
11	PHSX_SLE	GLOBAL	Force	X	RelDist	0.0000
11	PV_SLE_SISMA_DO WN	GLOBAL	Force	Gravity	RelDist	0.0000
11	PHSX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
11	PV_SLE_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
11	PV_SLU_SISMA_D OWN	GLOBAL	Force	Gravity	RelDist	0.0000
11	PHSX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
11	PV_SLU_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
12	PV_SLE	GLOBAL	Force	Gravity	RelDist	0.0000
12	PHSX_SLE	GLOBAL	Force	X	RelDist	0.0000
12	PV_SLE_SISMA_DO WN	GLOBAL	Force	Gravity	RelDist	0.0000
12	PHSX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
12	PV_SLE_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
12	PV_SLU_SISMA_D OWN	GLOBAL	Force	Gravity	RelDist	0.0000
12	PHSX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
12	PV_SLU_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
13	PV_SLE	GLOBAL	Force	Gravity	RelDist	0.0000
13	PHSX_SLE	GLOBAL	Force	X	RelDist	0.0000
13	PV_SLE_SISMA_DO WN	GLOBAL	Force	Gravity	RelDist	0.0000
13	PHSX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
13	PV_SLE_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
13	PV_SLU_SISMA_D OWN	GLOBAL	Force	Gravity	RelDist	0.0000
13	PHSX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
13	PV_SLU_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
14	PV_SLE	GLOBAL	Force	Gravity	RelDist	0.0000
14	PHSX_SLE	GLOBAL	Force	X	RelDist	0.0000
14	PV_SLE_SISMA_DO WN	GLOBAL	Force	Gravity	RelDist	0.0000
14	PHSX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
14	PV_SLE_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
14	PV_SLU_SISMA_D OWN	GLOBAL	Force	Gravity	RelDist	0.0000
14	PHSX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
14	PV_SLU_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
15	PV_SLE	GLOBAL	Force	Gravity	RelDist	0.0000
15	PHDX_SLE	GLOBAL	Force	X	RelDist	0.0000
15	PV_SLE_SISMA_DO WN	GLOBAL	Force	Gravity	RelDist	0.0000
15	PHDX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
15	PV_SLE_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
15	PV_SLU_SISMA_D OWN	GLOBAL	Force	Gravity	RelDist	0.0000
15	PHDX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
15	PV_SLU_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
16	PV_SLE	GLOBAL	Force	Gravity	RelDist	0.0000
16	PHDX_SLE	GLOBAL	Force	X	RelDist	0.0000
16	PV_SLE_SISMA_DO WN	GLOBAL	Force	Gravity	RelDist	0.0000
16	PHDX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
16	PV_SLE_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
16	PV_SLU_SISMA_D OWN	GLOBAL	Force	Gravity	RelDist	0.0000
16	PHDX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
16	PV_SLU_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
17	PV_SLE	GLOBAL	Force	Gravity	RelDist	0.0000
17	PHDX_SLE	GLOBAL	Force	X	RelDist	0.0000
17	PV_SLE_SISMA_DO WN	GLOBAL	Force	Gravity	RelDist	0.0000
17	PHDX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
17	PV_SLE_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
17	PV_SLU_SISMA_D OWN	GLOBAL	Force	Gravity	RelDist	0.0000
17	PHDX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
17	PV_SLU_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
18	PV_SLE	GLOBAL	Force	Gravity	RelDist	0.0000
18	PHDX_SLE	GLOBAL	Force	X	RelDist	0.0000
18	PV_SLE_SISMA_DO WN	GLOBAL	Force	Gravity	RelDist	0.0000
18	PHDX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
18	PV_SLE_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
18	PV_SLU_SISMA_D OWN	GLOBAL	Force	Gravity	RelDist	0.0000
18	PHDX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
18	PV_SLU_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
19	PV_SLE	GLOBAL	Force	Gravity	RelDist	0.0000
19	PHDX_SLE	GLOBAL	Force	X	RelDist	0.0000
19	PV_SLE_SISMA_DO WN	GLOBAL	Force	Gravity	RelDist	0.0000
19	PHDX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
19	PV_SLE_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
19	PV_SLU_SISMA_D OWN	GLOBAL	Force	Gravity	RelDist	0.0000
19	PHDX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
19	PV_SLU_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
20	PV_SLE	GLOBAL	Force	Gravity	RelDist	0.0000
20	PHDX_SLE	GLOBAL	Force	X	RelDist	0.0000
20	PV_SLE_SISMA_DO WN	GLOBAL	Force	Gravity	RelDist	0.0000
20	PHDX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
20	PV_SLE_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
20	PV_SLU_SISMA_D OWN	GLOBAL	Force	Gravity	RelDist	0.0000
20	PHDX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
20	PV_SLU_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
21	PV_SLE	GLOBAL	Force	Gravity	RelDist	0.0000
21	PHDX_SLE	GLOBAL	Force	X	RelDist	0.0000
21	PV_SLE_SISMA_DO WN	GLOBAL	Force	Gravity	RelDist	0.0000
21	PHDX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
21	PV_SLE_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
21	PV_SLU_SISMA_D OWN	GLOBAL	Force	Gravity	RelDist	0.0000
21	PHDX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
21	PV_SLU_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
22	PV_SLE	GLOBAL	Force	Gravity	RelDist	0.0000
22	PHDX_SLE	GLOBAL	Force	X	RelDist	0.0000
22	PV_SLE_SISMA_DO WN	GLOBAL	Force	Gravity	RelDist	0.0000
22	PHDX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
22	PV_SLE_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
22	PV_SLU_SISMA_D OWN	GLOBAL	Force	Gravity	RelDist	0.0000
22	PHDX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
22	PV_SLU_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
23	PV_SLE	GLOBAL	Force	Gravity	RelDist	0.0000
23	PHDX_SLE	GLOBAL	Force	X	RelDist	0.0000
23	PV_SLE_SISMA_DO WN	GLOBAL	Force	Gravity	RelDist	0.0000
23	PHDX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
23	PV_SLE_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
23	PV_SLU_SISMA_D OWN	GLOBAL	Force	Gravity	RelDist	0.0000
23	PHDX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
23	PV_SLU_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
24	PV_SLE	GLOBAL	Force	Gravity	RelDist	0.0000
24	PHDX_SLE	GLOBAL	Force	X	RelDist	0.0000
24	PV_SLE_SISMA_DO WN	GLOBAL	Force	Gravity	RelDist	0.0000
24	PHDX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
24	PV_SLE_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
24	PV_SLU_SISMA_D OWN	GLOBAL	Force	Gravity	RelDist	0.0000
24	PHDX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
24	PV_SLU_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
25	PHDX_SLE	GLOBAL	Force	X	RelDist	0.0000
25	PHDX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
25	PHDX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
26	PHDX_SLE	GLOBAL	Force	X	RelDist	0.0000
26	PHDX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
26	PHDX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
27	PHDX_SLE	GLOBAL	Force	X	RelDist	0.0000
27	PHDX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
27	PHDX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
28	PHDX_SLE	GLOBAL	Force	X	RelDist	0.0000
28	PHDX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
28	PHDX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Frame Loads - Distributed, Part 2 of 3

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA m	AbsDistB m	FOverLA KN/m	FOverLB KN/m
1	PHSX_SLE	1.0000	0.00000	1.02176	124.60	124.60
1	PHSX_SLE_SISMA	1.0000	0.00000	1.02176	135.68	135.68
1	PHSX_SLU_SISMA	1.0000	0.00000	1.02176	176.98	176.98
2	PHSX_SLE	1.0000	0.00000	0.84789	116.58	116.58
2	PHSX_SLE_SISMA	1.0000	0.00000	0.84789	127.67	127.67
2	PHSX_SLU_SISMA	1.0000	0.00000	0.84789	167.37	167.37
3	PHSX_SLE	1.0000	0.00000	0.84789	109.42	109.42
3	PHSX_SLE_SISMA	1.0000	0.00000	0.84789	120.50	120.50
3	PHSX_SLU_SISMA	1.0000	0.00000	0.84789	158.78	158.78
4	PHSX_SLE	1.0000	0.00000	0.84789	102.17	102.17
4	PHSX_SLE_SISMA	1.0000	0.00000	0.84789	113.25	113.25
4	PHSX_SLU_SISMA	1.0000	0.00000	0.84789	150.08	150.08
5	PV_SLE	1.0000	0.00000	1.10627	17.26	17.26
5	PHSX_SLE	1.0000	0.00000	1.10627	93.52	93.52
5	PV_SLE_SISMA_DOWN	1.0000	0.00000	1.10627	17.82	17.82
5	PHSX_SLE_SISMA	1.0000	0.00000	1.10627	104.57	104.57
5	PV_SLE_SISMA_UP	1.0000	0.00000	1.10627	16.70	16.70
5	PV_SLU_SISMA_DOWN	1.0000	0.00000	1.10627	18.65	18.65
5	PHSX_SLU_SISMA	1.0000	0.00000	1.10627	139.63	139.63
5	PV_SLU_SISMA_UP	1.0000	0.00000	1.10627	15.88	15.88
6	PV_SLE	1.0000	0.00000	1.10627	46.27	46.27
6	PHSX_SLE	1.0000	0.00000	1.10627	82.18	82.18
6	PV_SLE_SISMA_DOWN	1.0000	0.00000	1.10627	47.76	47.76
6	PHSX_SLE_SISMA	1.0000	0.00000	1.10627	92.96	92.96
6	PV_SLE_SISMA_UP	1.0000	0.00000	1.10627	44.78	44.78
6	PV_SLU_SISMA_DOWN	1.0000	0.00000	1.10627	49.98	49.98
6	PHSX_SLU_SISMA	1.0000	0.00000	1.10627	125.36	125.36
6	PV_SLU_SISMA_UP	1.0000	0.00000	1.10627	42.56	42.56
7	PV_SLE	1.0000	0.00000	1.10627	67.81	67.81
7	PHSX_SLE	1.0000	0.00000	1.10627	69.81	69.81
7	PV_SLE_SISMA_DOWN	1.0000	0.00000	1.10627	70.00	70.00
7	PHSX_SLE_SISMA	1.0000	0.00000	1.10627	80.05	80.05
7	PV_SLE_SISMA_UP	1.0000	0.00000	1.10627	65.62	65.62
7	PV_SLU_SISMA_DOWN	1.0000	0.00000	1.10627	73.25	73.25
7	PHSX_SLU_SISMA	1.0000	0.00000	1.10627	109.18	109.18
7	PV_SLU_SISMA_UP	1.0000	0.00000	1.10627	62.37	62.37
8	PV_SLE	1.0000	0.00000	1.10627	82.35	82.35
8	PHSX_SLE	1.0000	0.00000	1.10627	57.30	57.30
8	PV_SLE_SISMA_DOWN	1.0000	0.00000	1.10627	85.00	85.00
8	PHSX_SLE_SISMA	1.0000	0.00000	1.10627	66.75	66.75
8	PV_SLE_SISMA_UP	1.0000	0.00000	1.10627	79.69	79.69
8	PV_SLU_SISMA_DOWN	1.0000	0.00000	1.10627	88.95	88.95
8	PHSX_SLU_SISMA	1.0000	0.00000	1.10627	92.22	92.22
8	PV_SLU_SISMA_UP	1.0000	0.00000	1.10627	75.74	75.74
9	PV_SLE	1.0000	0.00000	1.10627	90.79	90.79
9	PHSX_SLE	1.0000	0.00000	1.10627	45.33	45.33
9	PV_SLE_SISMA_DOWN	1.0000	0.00000	1.10627	93.72	93.72
9	PHSX_SLE_SISMA	1.0000	0.00000	1.10627	53.76	53.76
9	PV_SLE_SISMA_UP	1.0000	0.00000	1.10627	87.86	87.86

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA m	AbsDistB m	FOverLA KN/m	FOverLB KN/m
9	PV_SLU_SISMA_D OWN	1.0000	0.00000	1.10627	98.08	98.08
9	PHSX_SLU_SISMA	1.0000	0.00000	1.10627	75.32	75.32
9	PV_SLU_SISMA_UP	1.0000	0.00000	1.10627	83.51	83.51
10	PV_SLE	1.0000	0.00000	1.10627	94.44	94.44
10	PHSX_SLE	1.0000	0.00000	1.10627	34.40	34.40
10	PV_SLE_SISMA_DO WN	1.0000	0.00000	1.10627	97.49	97.49
10	PHSX_SLE_SISMA	1.0000	0.00000	1.10627	41.59	41.59
10	PV_SLE_SISMA_UP	1.0000	0.00000	1.10627	91.40	91.40
10	PV_SLU_SISMA_D OWN	1.0000	0.00000	1.10627	102.02	102.02
10	PHSX_SLU_SISMA	1.0000	0.00000	1.10627	59.15	59.15
10	PV_SLU_SISMA_UP	1.0000	0.00000	1.10627	86.86	86.86
11	PV_SLE	1.0000	0.00000	1.10627	94.81	94.81
11	PHSX_SLE	1.0000	0.00000	1.10627	24.78	24.78
11	PV_SLE_SISMA_DO WN	1.0000	0.00000	1.10627	97.87	97.87
11	PHSX_SLE_SISMA	1.0000	0.00000	1.10627	30.57	30.57
11	PV_SLE_SISMA_UP	1.0000	0.00000	1.10627	91.76	91.76
11	PV_SLU_SISMA_D OWN	1.0000	0.00000	1.10627	102.42	102.42
11	PHSX_SLU_SISMA	1.0000	0.00000	1.10627	44.12	44.12
11	PV_SLU_SISMA_UP	1.0000	0.00000	1.10627	87.20	87.20
12	PV_SLE	1.0000	0.00000	1.10627	93.50	93.50
12	PHSX_SLE	1.0000	0.00000	1.10627	16.51	16.51
12	PV_SLE_SISMA_DO WN	1.0000	0.00000	1.10627	96.51	96.51
12	PHSX_SLE_SISMA	1.0000	0.00000	1.10627	20.76	20.76
12	PV_SLE_SISMA_UP	1.0000	0.00000	1.10627	90.48	90.48
12	PV_SLU_SISMA_D OWN	1.0000	0.00000	1.10627	101.00	101.00
12	PHSX_SLU_SISMA	1.0000	0.00000	1.10627	30.36	30.36
12	PV_SLU_SISMA_UP	1.0000	0.00000	1.10627	85.99	85.99
13	PV_SLE	1.0000	0.00000	1.10627	91.79	91.79
13	PHSX_SLE	1.0000	0.00000	1.10627	9.40	9.40
13	PV_SLE_SISMA_DO WN	1.0000	0.00000	1.10627	94.75	94.75
13	PHSX_SLE_SISMA	1.0000	0.00000	1.10627	11.98	11.98
13	PV_SLE_SISMA_UP	1.0000	0.00000	1.10627	88.83	88.83
13	PV_SLU_SISMA_D OWN	1.0000	0.00000	1.10627	99.16	99.16
13	PHSX_SLU_SISMA	1.0000	0.00000	1.10627	17.71	17.71
13	PV_SLU_SISMA_UP	1.0000	0.00000	1.10627	84.43	84.43
14	PV_SLE	1.0000	0.00000	1.10627	90.72	90.72
14	PHSX_SLE	1.0000	0.00000	1.10627	3.04	3.04
14	PV_SLE_SISMA_DO WN	1.0000	0.00000	1.10627	93.65	93.65
14	PHSX_SLE_SISMA	1.0000	0.00000	1.10627	3.91	3.91
14	PV_SLE_SISMA_UP	1.0000	0.00000	1.10627	87.79	87.79
14	PV_SLU_SISMA_D OWN	1.0000	0.00000	1.10627	98.00	98.00
14	PHSX_SLU_SISMA	1.0000	0.00000	1.10627	5.81	5.81
14	PV_SLU_SISMA_UP	1.0000	0.00000	1.10627	83.44	83.44
15	PV_SLE	1.0000	0.00000	1.10627	90.72	90.72
15	PHDX_SLE	1.0000	0.00000	1.10627	-3.04	-3.04
15	PV_SLE_SISMA_DO WN	1.0000	0.00000	1.10627	93.65	93.65
15	PHDX_SLE_SISMA	1.0000	0.00000	1.10627	-2.17	-2.17
15	PV_SLE_SISMA_UP	1.0000	0.00000	1.10627	87.79	87.79

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA m	AbsDistB m	FOverLA KN/m	FOverLB KN/m
15	PV_SLU_SISMA_D OWN	1.0000	0.00000	1.10627	98.00	98.00
15	PHDX_SLU_SISMA	1.0000	0.00000	1.10627	-1.49	-1.49
15	PV_SLU_SISMA_UP	1.0000	0.00000	1.10627	83.44	83.44
16	PV_SLE	1.0000	0.00000	1.10627	91.79	91.79
16	PHDX_SLE	1.0000	0.00000	1.10627	-9.40	-9.40
16	PV_SLE_SISMA_DO WN	1.0000	0.00000	1.10627	94.75	94.75
16	PHDX_SLE_SISMA	1.0000	0.00000	1.10627	-6.81	-6.81
16	PV_SLE_SISMA_UP	1.0000	0.00000	1.10627	88.83	88.83
16	PV_SLU_SISMA_D OWN	1.0000	0.00000	1.10627	99.16	99.16
16	PHDX_SLU_SISMA	1.0000	0.00000	1.10627	-4.83	-4.83
16	PV_SLU_SISMA_UP	1.0000	0.00000	1.10627	84.43	84.43
17	PV_SLE	1.0000	0.00000	1.10627	93.50	93.50
17	PHDX_SLE	1.0000	0.00000	1.10627	-16.51	-16.51
17	PV_SLE_SISMA_DO WN	1.0000	0.00000	1.10627	96.51	96.51
17	PHDX_SLE_SISMA	1.0000	0.00000	1.10627	-12.27	-12.27
17	PV_SLE_SISMA_UP	1.0000	0.00000	1.10627	90.48	90.48
17	PV_SLU_SISMA_D OWN	1.0000	0.00000	1.10627	101.00	101.00
17	PHDX_SLU_SISMA	1.0000	0.00000	1.10627	-9.25	-9.25
17	PV_SLU_SISMA_UP	1.0000	0.00000	1.10627	85.99	85.99
18	PV_SLE	1.0000	0.00000	1.10627	94.81	94.81
18	PHDX_SLE	1.0000	0.00000	1.10627	-24.78	-24.78
18	PV_SLE_SISMA_DO WN	1.0000	0.00000	1.10627	97.87	97.87
18	PHDX_SLE_SISMA	1.0000	0.00000	1.10627	-18.98	-18.98
18	PV_SLE_SISMA_UP	1.0000	0.00000	1.10627	91.76	91.76
18	PV_SLU_SISMA_D OWN	1.0000	0.00000	1.10627	102.42	102.42
18	PHDX_SLU_SISMA	1.0000	0.00000	1.10627	-15.30	-15.30
18	PV_SLU_SISMA_UP	1.0000	0.00000	1.10627	87.20	87.20
19	PV_SLE	1.0000	0.00000	1.10627	94.44	94.44
19	PHDX_SLE	1.0000	0.00000	1.10627	-34.40	-34.40
19	PV_SLE_SISMA_DO WN	1.0000	0.00000	1.10627	97.49	97.49
19	PHDX_SLE_SISMA	1.0000	0.00000	1.10627	-27.20	-27.20
19	PV_SLE_SISMA_UP	1.0000	0.00000	1.10627	91.40	91.40
19	PV_SLU_SISMA_D OWN	1.0000	0.00000	1.10627	102.02	102.02
19	PHDX_SLU_SISMA	1.0000	0.00000	1.10627	-23.33	-23.33
19	PV_SLU_SISMA_UP	1.0000	0.00000	1.10627	86.86	86.86
20	PV_SLE	1.0000	0.00000	1.10627	90.79	90.79
20	PHDX_SLE	1.0000	0.00000	1.10627	-45.33	-45.33
20	PV_SLE_SISMA_DO WN	1.0000	0.00000	1.10627	93.72	93.72
20	PHDX_SLE_SISMA	1.0000	0.00000	1.10627	-36.90	-36.90
20	PV_SLE_SISMA_UP	1.0000	0.00000	1.10627	87.86	87.86
20	PV_SLU_SISMA_D OWN	1.0000	0.00000	1.10627	98.08	98.08
20	PHDX_SLU_SISMA	1.0000	0.00000	1.10627	-33.38	-33.38
20	PV_SLU_SISMA_UP	1.0000	0.00000	1.10627	83.51	83.51
21	PV_SLE	1.0000	0.00000	1.10627	82.35	82.35
21	PHDX_SLE	1.0000	0.00000	1.10627	-57.30	-57.30
21	PV_SLE_SISMA_DO WN	1.0000	0.00000	1.10627	85.00	85.00
21	PHDX_SLE_SISMA	1.0000	0.00000	1.10627	-47.85	-47.85
21	PV_SLE_SISMA_UP	1.0000	0.00000	1.10627	79.69	79.69

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA m	AbsDistB m	FOverLA KN/m	FOverLB KN/m
21	PV_SLU_SISMA_D OWN	1.0000	0.00000	1.10627	88.95	88.95
21	PHDX_SLU_SISMA	1.0000	0.00000	1.10627	-45.19	-45.19
21	PV_SLU_SISMA_UP	1.0000	0.00000	1.10627	75.74	75.74
22	PV_SLE	1.0000	0.00000	1.10627	67.81	67.81
22	PHDX_SLE	1.0000	0.00000	1.10627	-69.81	-69.81
22	PV_SLE_SISMA_DO WN	1.0000	0.00000	1.10627	70.00	70.00
22	PHDX_SLE_SISMA	1.0000	0.00000	1.10627	-59.57	-59.57
22	PV_SLE_SISMA_UP	1.0000	0.00000	1.10627	65.62	65.62
22	PV_SLU_SISMA_D OWN	1.0000	0.00000	1.10627	73.25	73.25
22	PHDX_SLU_SISMA	1.0000	0.00000	1.10627	-58.22	-58.22
22	PV_SLU_SISMA_UP	1.0000	0.00000	1.10627	62.37	62.37
23	PV_SLE	1.0000	0.00000	1.10627	46.27	46.27
23	PHDX_SLE	1.0000	0.00000	1.10627	-82.18	-82.18
23	PV_SLE_SISMA_DO WN	1.0000	0.00000	1.10627	47.76	47.76
23	PHDX_SLE_SISMA	1.0000	0.00000	1.10627	-71.40	-71.40
23	PV_SLE_SISMA_UP	1.0000	0.00000	1.10627	44.78	44.78
23	PV_SLU_SISMA_D OWN	1.0000	0.00000	1.10627	49.98	49.98
23	PHDX_SLU_SISMA	1.0000	0.00000	1.10627	-71.72	-71.72
23	PV_SLU_SISMA_UP	1.0000	0.00000	1.10627	42.56	42.56
24	PV_SLE	1.0000	0.00000	1.10627	17.26	17.26
24	PHDX_SLE	1.0000	0.00000	1.10627	-93.52	-93.52
24	PV_SLE_SISMA_DO WN	1.0000	0.00000	1.10627	17.82	17.82
24	PHDX_SLE_SISMA	1.0000	0.00000	1.10627	-82.47	-82.47
24	PV_SLE_SISMA_UP	1.0000	0.00000	1.10627	16.70	16.70
24	PV_SLU_SISMA_D OWN	1.0000	0.00000	1.10627	18.65	18.65
24	PHDX_SLU_SISMA	1.0000	0.00000	1.10627	-84.64	-84.64
24	PV_SLU_SISMA_UP	1.0000	0.00000	1.10627	15.88	15.88
25	PHDX_SLE	1.0000	0.00000	0.84789	-102.17	-102.17
25	PHDX_SLE_SISMA	1.0000	0.00000	0.84789	-91.09	-91.09
25	PHDX_SLU_SISMA	1.0000	0.00000	0.84789	-94.92	-94.92
26	PHDX_SLE	1.0000	0.00000	0.84789	-109.42	-109.42
26	PHDX_SLE_SISMA	1.0000	0.00000	0.84789	-98.34	-98.34
26	PHDX_SLU_SISMA	1.0000	0.00000	0.84789	-103.62	-103.62
27	PHDX_SLE	1.0000	0.00000	0.84789	-116.58	-116.58
27	PHDX_SLE_SISMA	1.0000	0.00000	0.84789	-105.50	-105.50
27	PHDX_SLU_SISMA	1.0000	0.00000	0.84789	-112.20	-112.20
28	PHDX_SLE	1.0000	0.00000	1.02176	-124.60	-124.60
28	PHDX_SLE_SISMA	1.0000	0.00000	1.02176	-113.52	-113.52
28	PHDX_SLU_SISMA	1.0000	0.00000	1.02176	-121.82	-121.82

Table: Frame Loads - Distributed, Part 3 of 3

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
1	PHSX_SLE	
1	PHSX_SLE_SISMA	
1	PHSX_SLU_SISMA	
2	PHSX_SLE	
2	PHSX_SLE_SISMA	
2	PHSX_SLU_SISMA	
3	PHSX_SLE	

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
3	PHSX_SLE_SISMA	
3	PHSX_SLU_SISMA	
4	PHSX_SLE	
4	PHSX_SLE_SISMA	
4	PHSX_SLU_SISMA	
5	PV_SLE	
5	PHSX_SLE	
5	PV_SLE_SISMA_DO WN	
5	PHSX_SLE_SISMA	
5	PV_SLE_SISMA_UP	
5	PV_SLU_SISMA_D OWN	
5	PHSX_SLU_SISMA	
5	PV_SLU_SISMA_UP	
6	PV_SLE	
6	PHSX_SLE	
6	PV_SLE_SISMA_DO WN	
6	PHSX_SLE_SISMA	
6	PV_SLE_SISMA_UP	
6	PV_SLU_SISMA_D OWN	
6	PHSX_SLU_SISMA	
6	PV_SLU_SISMA_UP	
7	PV_SLE	
7	PHSX_SLE	
7	PV_SLE_SISMA_DO WN	
7	PHSX_SLE_SISMA	
7	PV_SLE_SISMA_UP	
7	PV_SLU_SISMA_D OWN	
7	PHSX_SLU_SISMA	
7	PV_SLU_SISMA_UP	
8	PV_SLE	
8	PHSX_SLE	
8	PV_SLE_SISMA_DO WN	
8	PHSX_SLE_SISMA	
8	PV_SLE_SISMA_UP	
8	PV_SLU_SISMA_D OWN	
8	PHSX_SLU_SISMA	
8	PV_SLU_SISMA_UP	
9	PV_SLE	
9	PHSX_SLE	
9	PV_SLE_SISMA_DO WN	
9	PHSX_SLE_SISMA	
9	PV_SLE_SISMA_UP	
9	PV_SLU_SISMA_D OWN	
9	PHSX_SLU_SISMA	
9	PV_SLU_SISMA_UP	
10	PV_SLE	
10	PHSX_SLE	
10	PV_SLE_SISMA_DO WN	
10	PHSX_SLE_SISMA	
10	PV_SLE_SISMA_UP	

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
10	PV_SLU_SISMA_D OWN	
10	PHSX_SLU_SISMA	
10	PV_SLU_SISMA_UP	
11	PV_SLE	
11	PHSX_SLE	
11	PV_SLE_SISMA_DO WN	
11	PHSX_SLE_SISMA	
11	PV_SLE_SISMA_UP	
11	PV_SLU_SISMA_D OWN	
11	PHSX_SLU_SISMA	
11	PV_SLU_SISMA_UP	
12	PV_SLE	
12	PHSX_SLE	
12	PV_SLE_SISMA_DO WN	
12	PHSX_SLE_SISMA	
12	PV_SLE_SISMA_UP	
12	PV_SLU_SISMA_D OWN	
12	PHSX_SLU_SISMA	
12	PV_SLU_SISMA_UP	
13	PV_SLE	
13	PHSX_SLE	
13	PV_SLE_SISMA_DO WN	
13	PHSX_SLE_SISMA	
13	PV_SLE_SISMA_UP	
13	PV_SLU_SISMA_D OWN	
13	PHSX_SLU_SISMA	
13	PV_SLU_SISMA_UP	
14	PV_SLE	
14	PHSX_SLE	
14	PV_SLE_SISMA_DO WN	
14	PHSX_SLE_SISMA	
14	PV_SLE_SISMA_UP	
14	PV_SLU_SISMA_D OWN	
14	PHSX_SLU_SISMA	
14	PV_SLU_SISMA_UP	
15	PV_SLE	
15	PHDX_SLE	
15	PV_SLE_SISMA_DO WN	
15	PHDX_SLE_SISMA	
15	PV_SLE_SISMA_UP	
15	PV_SLU_SISMA_D OWN	
15	PHDX_SLU_SISMA	
15	PV_SLU_SISMA_UP	
16	PV_SLE	
16	PHDX_SLE	
16	PV_SLE_SISMA_DO WN	
16	PHDX_SLE_SISMA	
16	PV_SLE_SISMA_UP	

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
16	PV_SLU_SISMA_D OWN	
16	PHDX_SLU_SISMA	
16	PV_SLU_SISMA_UP	
17	PV_SLE	
17	PHDX_SLE	
17	PV_SLE_SISMA_DO WN	
17	PHDX_SLE_SISMA	
17	PV_SLE_SISMA_UP	
17	PV_SLU_SISMA_D OWN	
17	PHDX_SLU_SISMA	
17	PV_SLU_SISMA_UP	
18	PV_SLE	
18	PHDX_SLE	
18	PV_SLE_SISMA_DO WN	
18	PHDX_SLE_SISMA	
18	PV_SLE_SISMA_UP	
18	PV_SLU_SISMA_D OWN	
18	PHDX_SLU_SISMA	
18	PV_SLU_SISMA_UP	
19	PV_SLE	
19	PHDX_SLE	
19	PV_SLE_SISMA_DO WN	
19	PHDX_SLE_SISMA	
19	PV_SLE_SISMA_UP	
19	PV_SLU_SISMA_D OWN	
19	PHDX_SLU_SISMA	
19	PV_SLU_SISMA_UP	
20	PV_SLE	
20	PHDX_SLE	
20	PV_SLE_SISMA_DO WN	
20	PHDX_SLE_SISMA	
20	PV_SLE_SISMA_UP	
20	PV_SLU_SISMA_D OWN	
20	PHDX_SLU_SISMA	
20	PV_SLU_SISMA_UP	
21	PV_SLE	
21	PHDX_SLE	
21	PV_SLE_SISMA_DO WN	
21	PHDX_SLE_SISMA	
21	PV_SLE_SISMA_UP	
21	PV_SLU_SISMA_D OWN	
21	PHDX_SLU_SISMA	
21	PV_SLU_SISMA_UP	
22	PV_SLE	
22	PHDX_SLE	
22	PV_SLE_SISMA_DO WN	
22	PHDX_SLE_SISMA	
22	PV_SLE_SISMA_UP	

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
22	PV_SLU_SISMA_D OWN	
22	PHDX_SLU_SISMA	
22	PV_SLU_SISMA_UP	
23	PV_SLE	
23	PHDX_SLE	
23	PV_SLE_SISMA_DO WN	
23	PHDX_SLE_SISMA	
23	PV_SLE_SISMA_UP	
23	PV_SLU_SISMA_D OWN	
23	PHDX_SLU_SISMA	
23	PV_SLU_SISMA_UP	
24	PV_SLE	
24	PHDX_SLE	
24	PV_SLE_SISMA_DO WN	
24	PHDX_SLE_SISMA	
24	PV_SLE_SISMA_UP	
24	PV_SLU_SISMA_D OWN	
24	PHDX_SLU_SISMA	
24	PV_SLU_SISMA_UP	
25	PHDX_SLE	
25	PHDX_SLE_SISMA	
25	PHDX_SLU_SISMA	
26	PHDX_SLE	
26	PHDX_SLE_SISMA	
26	PHDX_SLU_SISMA	
27	PHDX_SLE	
27	PHDX_SLE_SISMA	
27	PHDX_SLU_SISMA	
28	PHDX_SLE	
28	PHDX_SLE_SISMA	
28	PHDX_SLU_SISMA	

Table: Frame Output Station Assignments

Table: Frame Output Station Assignments

Frame	StationType	MinNumSta	MaxStaSpcg	AddAtElmIn t	AddAtPtLoa d
1	MinNumSta	3		Yes	Yes
2	MinNumSta	3		Yes	Yes
3	MinNumSta	3		Yes	Yes
4	MinNumSta	3		Yes	Yes
5	MinNumSta	3		Yes	Yes
6	MinNumSta	3		Yes	Yes
7	MinNumSta	3		Yes	Yes
8	MinNumSta	3		Yes	Yes
9	MinNumSta	3		Yes	Yes
10	MinNumSta	3		Yes	Yes
11	MinNumSta	3		Yes	Yes
12	MinNumSta	3		Yes	Yes
13	MinNumSta	3		Yes	Yes
14	MinNumSta	3		Yes	Yes
15	MinNumSta	3		Yes	Yes
16	MinNumSta	3		Yes	Yes

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Frame Output Station Assignments

Frame	StationType	MinNumSta	MaxStaSpcg	AddAtElmIn t	AddAtPtLoa d
17	MinNumSta	3		Yes	Yes
18	MinNumSta	3		Yes	Yes
19	MinNumSta	3		Yes	Yes
20	MinNumSta	3		Yes	Yes
21	MinNumSta	3		Yes	Yes
22	MinNumSta	3		Yes	Yes
23	MinNumSta	3		Yes	Yes
24	MinNumSta	3		Yes	Yes
25	MinNumSta	3		Yes	Yes
26	MinNumSta	3		Yes	Yes
27	MinNumSta	3		Yes	Yes
28	MinNumSta	3		Yes	Yes
29	MaxStaSpcg		0.50000	Yes	Yes
30	MaxStaSpcg		0.50000	Yes	Yes
31	MinNumSta	3		Yes	Yes
32	MinNumSta	3		Yes	Yes
33	MinNumSta	3		Yes	Yes
34	MinNumSta	3		Yes	Yes
35	MinNumSta	3		Yes	Yes
36	MinNumSta	3		Yes	Yes
37	MinNumSta	3		Yes	Yes
38	MinNumSta	3		Yes	Yes
39	MinNumSta	3		Yes	Yes
40	MinNumSta	3		Yes	Yes
41	MinNumSta	3		Yes	Yes
42	MinNumSta	3		Yes	Yes
43	MaxStaSpcg		0.50000	Yes	Yes
44	MaxStaSpcg		0.50000	Yes	Yes
45	MinNumSta	3		Yes	Yes
46	MinNumSta	3		Yes	Yes

Table: Frame Release Assignments 1 - General, Part 1 of 2

Table: Frame Release Assignments 1 - General, Part 1 of 2

Frame	PI	V2I	V3I	TI	M2I	M3I	PJ	V2J
45	No	No	No	No	No	Yes	No	No
46	No	No	No	No	No	Yes	No	No

Table: Frame Release Assignments 1 - General, Part 2 of 2

Table: Frame Release Assignments 1 - General, Part 2 of 2

Frame	V3J	TJ	M2J	M3J	PartialFix
45	No	No	No	Yes	No
46	No	No	No	Yes	No

Table: Frame Section Assignments, Part 1 of 2

Table: Frame Section Assignments, Part 1 of 2

Frame	SectionType	AutoSelect	AnalSect	DesignSect	MatProp
1	Nonprismatic	N.A.	228_172	228_172	Default
2	Nonprismatic	N.A.	172_142	172_142	Default
3	Nonprismatic	N.A.	142_126	142_126	Default

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Frame Section Assignments, Part 1 of 2

Frame	SectionType	AutoSelect	AnalSect	DesignSect	MatProp
4	Nonprismatic	N.A.	126_120	126_120	Default
5	Nonprismatic	N.A.	120_129	120_129	Default
6	Nonprismatic	N.A.	129_162	129_162	Default
7	Nonprismatic	N.A.	162_218	162_218	Default
8	Nonprismatic	N.A.	218_191	218_191	Default
9	Nonprismatic	N.A.	191_146	191_146	Default
10	Nonprismatic	N.A.	146_123	146_123	Default
11	Nonprismatic	N.A.	123_120	123_120	Default
12	Rectangular	N.A.	120	120	Default
13	Rectangular	N.A.	120	120	Default
14	Rectangular	N.A.	120	120	Default
15	Rectangular	N.A.	120	120	Default
16	Rectangular	N.A.	120	120	Default
17	Rectangular	N.A.	120	120	Default
18	Nonprismatic	N.A.	120_123	120_123	Default
19	Nonprismatic	N.A.	123_146	123_146	Default
20	Nonprismatic	N.A.	146_191	146_191	Default
21	Nonprismatic	N.A.	191_218	191_218	Default
22	Nonprismatic	N.A.	218_162	218_162	Default
23	Nonprismatic	N.A.	162_129	162_129	Default
24	Nonprismatic	N.A.	129_120	129_120	Default
25	Nonprismatic	N.A.	120_126	120_126	Default
26	Nonprismatic	N.A.	126_142	126_142	Default
27	Nonprismatic	N.A.	142_172	142_172	Default
28	Nonprismatic	N.A.	172_228	172_228	Default
29	Rectangular	N.A.	100	100	Default
30	Rectangular	N.A.	100	100	Default
31	Rectangular	N.A.	100	100	Default
32	Rectangular	N.A.	100	100	Default
33	Rectangular	N.A.	100	100	Default
34	Rectangular	N.A.	100	100	Default
35	Rectangular	N.A.	100	100	Default
36	Rectangular	N.A.	100	100	Default
37	Rectangular	N.A.	100	100	Default
38	Rectangular	N.A.	100	100	Default
39	Rectangular	N.A.	100	100	Default
40	Rectangular	N.A.	100	100	Default
41	Rectangular	N.A.	100	100	Default
42	Rectangular	N.A.	100	100	Default
43	Rectangular	N.A.	100	100	Default
44	Rectangular	N.A.	100	100	Default
45	Rectangular	N.A.	100	100	Default
46	Rectangular	N.A.	100	100	Default

Table: Frame Section Assignments, Part 2 of 2

Table: Frame Section Assignments, Part 2 of 2

Frame	NPSectType	NPSectLen m	NPSectRD
1	Default		
2	Default		
3	Default		
4	Default		
5	Default		
6	Default		
7	Default		
8	Default		
9	Default		

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Frame Section Assignments, Part 2 of 2

Frame	NPSectType	NPSectLen m	NPSectRD
10	Default		
11	Default		
12			
13			
14			
15			
16			
17			
18	Default		
19	Default		
20	Default		
21	Default		
22	Default		
23	Default		
24	Default		
25	Default		
26	Default		
27	Default		
28	Default		
29			
30			
31			
32			
33			
34			
35			
36			
37			
38			
39			
40			
41			
42			
43			
44			
45			
46			

Table: Frame Section Properties 01 - General, Part 1 of 5

Table: Frame Section Properties 01 - General, Part 1 of 5

SectionName	Material	Shape	t3 m	t2 m	Area m2	TorsConst m4
100	CONC Rck 30 MPa	Rectangular	1.000000	1.000000	1.000000	0.140833
120	CONC Rck 30 MPa	Rectangular	1.200000	1.000000	1.200000	0.198439
120_123		Nonprismatic				
120_126		Nonprismatic				
120_129		Nonprismatic				
123	CONC Rck 30 MPa	Rectangular	1.230000	1.000000	1.230000	0.207646
123_120		Nonprismatic				
123_146		Nonprismatic				
126	CONC Rck 30 MPa	Rectangular	1.260000	1.000000	1.260000	0.216943
126_120		Nonprismatic				
126_142		Nonprismatic				
129	CONC Rck 30 MPa	Rectangular	1.290000	1.000000	1.290000	0.226319
129_120		Nonprismatic				
129_162		Nonprismatic				
142	CONC Rck 30 MPa	Rectangular	1.420000	1.000000	1.420000	0.267637

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Frame Section Properties 01 - General, Part 1 of 5

SectionName	Material	Shape	t3 m	t2 m	Area m2	TorsConst m4
142_126		Nonprismatic				
142_172		Nonprismatic				
146	CONC Rck 30 MPa	Rectangular	1.460000	1.000000	1.460000	0.280518
146_123		Nonprismatic				
146_191		Nonprismatic				
162	CONC Rck 30 MPa	Rectangular	1.620000	1.000000	1.620000	0.332541
162_129		Nonprismatic				
162_218		Nonprismatic				
172	CONC Rck 30 MPa	Rectangular	1.720000	1.000000	1.720000	0.365333
172_142		Nonprismatic				
172_228		Nonprismatic				
191	CONC Rck 30 MPa	Rectangular	1.910000	1.000000	1.910000	0.427982
191_146		Nonprismatic				
191_218		Nonprismatic				
218	CONC Rck 30 MPa	Rectangular	2.180000	1.000000	2.180000	0.517442
218_162		Nonprismatic				
218_191		Nonprismatic				
228	CONC Rck 30 MPa	Rectangular	2.280000	1.000000	2.280000	0.550648
228_172		Nonprismatic				

Table: Frame Section Properties 01 - General, Part 2 of 5

Table: Frame Section Properties 01 - General, Part 2 of 5

SectionName	I33 m4	I22 m4	AS2 m2	AS3 m2	S33 m3	S22 m3	Z33 m3
100	0.083333	0.083333	0.833333	0.833333	0.166667	0.166667	0.250000
120	0.144000	0.100000	1.000000	1.000000	0.240000	0.200000	0.360000
120_123							
120_126							
120_129							
123	0.155072	0.102500	1.025000	1.025000	0.252150	0.205000	0.378225
123_120							
123_146							
126	0.166698	0.105000	1.050000	1.050000	0.264600	0.210000	0.396900
126_120							
126_142							
129	0.178891	0.107500	1.075000	1.075000	0.277350	0.215000	0.416025
129_120							
129_162							
142	0.238607	0.118333	1.183333	1.183333	0.336067	0.236667	0.504100
142_126							
142_172							
146	0.259345	0.121667	1.216667	1.216667	0.355267	0.243333	0.532900
146_123							
146_191							
162	0.354294	0.135000	1.350000	1.350000	0.437400	0.270000	0.656100
162_129							
162_218							
172	0.424037	0.143333	1.433333	1.433333	0.493067	0.286667	0.739600
172_142							
172_228							
191	0.580656	0.159167	1.591667	1.591667	0.608017	0.318333	0.912025
191_146							
191_218							
218	0.863353	0.181667	1.816667	1.816667	0.792067	0.363333	1.188100
218_162							
218_191							
228	0.987696	0.190000	1.900000	1.900000	0.866400	0.380000	1.299600

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Frame Section Properties 01 - General, Part 2 of 5

SectionName	I33	I22	AS2	AS3	S33	S22	Z33
	m4	m4	m2	m2	m3	m3	m3
228_172							

Table: Frame Section Properties 01 - General, Part 3 of 5

Table: Frame Section Properties 01 - General, Part 3 of 5

SectionName	Z22	R33	R22	ConcCol	ConcBeam	Color	TotalWt
	m3	m	m				KN
100	0.250000	0.288675	0.288675	Yes	No	White	464.325
120	0.300000	0.346410	0.288675	Yes	No	Blue	199.129
120_123						White	
120_126						Blue	
120_129						White	
123	0.307500	0.355070	0.288675	Yes	No	White	0.000
123_120						Cyan	
123_146						Cyan	
126	0.315000	0.363731	0.288675	Yes	No	Blue	0.000
126_120						Magenta	
126_142						Cyan	
129	0.322500	0.372391	0.288675	Yes	No	Cyan	0.000
129_120						Yellow	
129_162						Blue	
142	0.355000	0.409919	0.288675	Yes	No	White	0.000
142_126						Cyan	
142_172						Yellow	
146	0.365000	0.421466	0.288675	Yes	No	Blue	0.000
146_123						Blue	
146_191						Magenta	
162	0.405000	0.467654	0.288675	Yes	No	Magenta	0.000
162_129						Magenta	
162_218						Cyan	
172	0.430000	0.496521	0.288675	Yes	No	Magenta	0.000
172_142						Blue	
172_228						White	
191	0.477500	0.551370	0.288675	Yes	No	Cyan	0.000
191_146						White	
191_218						Blue	
218	0.545000	0.629312	0.288675	Yes	No	White	0.000
218_162						White	
218_191						Magenta	
228	0.570000	0.658179	0.288675	Yes	No	Gray8Dark	0.000
228_172						White	

Table: Frame Section Properties 01 - General, Part 4 of 5

Table: Frame Section Properties 01 - General, Part 4 of 5

SectionName	TotalMass	FromFile	AMod	A2Mod	A3Mod	JMod	I2Mod
	KN-s2/m						
100	47.35	No	1.000000	1.000000	1.000000	1.000000	1.000000
120	20.31	No	1.000000	1.000000	1.000000	1.000000	1.000000
120_123							
120_126							
120_129							
123	0.00	No	1.000000	1.000000	1.000000	1.000000	1.000000
123_120							
123_146							
126	0.00	No	1.000000	1.000000	1.000000	1.000000	1.000000
126_120							

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Frame Section Properties 01 - General, Part 4 of 5

SectionName	TotalMass KN-s2/m	FromFile	AMod	A2Mod	A3Mod	JMod	I2Mod
126_142							
129	0.00	No	1.000000	1.000000	1.000000	1.000000	1.000000
129_120							
129_162							
142	0.00	No	1.000000	1.000000	1.000000	1.000000	1.000000
142_126							
142_172							
146	0.00	No	1.000000	1.000000	1.000000	1.000000	1.000000
146_123							
146_191							
162	0.00	No	1.000000	1.000000	1.000000	1.000000	1.000000
162_129							
162_218							
172	0.00	No	1.000000	1.000000	1.000000	1.000000	1.000000
172_142							
172_228							
191	0.00	No	1.000000	1.000000	1.000000	1.000000	1.000000
191_146							
191_218							
218	0.00	No	1.000000	1.000000	1.000000	1.000000	1.000000
218_162							
218_191							
228	0.00	No	1.000000	1.000000	1.000000	1.000000	1.000000
228_172							

Table: Frame Section Properties 01 - General, Part 5 of 5

Table: Frame Section Properties 01 - General, Part 5 of 5

SectionName	I3Mod	MMod	WMod	GUID	Notes
100	1.000000	1.000000	1.000000		Added 27/10/2008 11.30.00
120	1.000000	1.000000	1.000000		Added 27/10/2008 11.30.19
120_123					Added 30/10/2008 9.53.49
120_126					Added 30/10/2008 9.52.17
120_129					Added 08/03/2011 16.19.21
123	1.000000	1.000000	1.000000		Added 29/10/2008 17.17.18
123_120					Added 08/03/2011 16.21.10
123_146					Added 29/10/2008 17.28.19
126	1.000000	1.000000	1.000000		Added 29/10/2008 17.18.11
126_120					Added 08/03/2011 16.19.05
126_142					Added 30/10/2008 9.52.45
129	1.000000	1.000000	1.000000		Added 29/10/2008 17.18.23
129_120					Added 29/10/2008 17.27.12
129_162					Added 08/03/2011 16.19.36
142	1.000000	1.000000	1.000000		Added 29/10/2008 17.18.03
142_126					Added 08/03/2011 16.18.47
142_172					Added 29/10/2008 17.19.11
146	1.000000	1.000000	1.000000		Added 29/10/2008 17.17.31
146_123					Added 08/03/2011 16.20.51
146_191					Added 29/10/2008 17.28.42
162	1.000000	1.000000	1.000000		Added 29/10/2008 17.18.34
162_129					Added 30/10/2008 9.53.16
162_218					Added 08/03/2011 16.19.57
172	1.000000	1.000000	1.000000		Added 29/10/2008 17.17.49
172_142					Added 08/03/2011 16.18.25
172_228					Added 08/03/2011 16.13.22
191	1.000000	1.000000	1.000000		Added 29/10/2008 17.17.39
191_146					Added 08/03/2011 16.20.32

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Frame Section Properties 01 - General, Part 5 of 5

SectionName	I3Mod	MMod	WMod	GUID	Notes
191_218					Added 29/10/2008 17.27.51
218	1.000000	1.000000	1.000000		Added 29/10/2008 17.18.43
218_162					Added 30/10/2008 9.51.50
218_191					Added 08/03/2011 16.20.14
228	1.000000	1.000000	1.000000		Added 27/10/2008 11.23.34
228_172					Added 08/03/2011 16.18.06

Table: Frame Section Properties 02 - Concrete Column, Part 1 of 2

Table: Frame Section Properties 02 - Concrete Column, Part 1 of 2

SectionName	RebarMatL	RebarMatC	ReinfConfig	LatReinf	Cover	NumBars3D	NumBars2D	BarSizeL
					m	ir	ir	
100	A615Gr60	A615Gr60	Rectangular	Ties	0.040000	3	3	#9
120	A615Gr60	A615Gr60	Rectangular	Ties	0.040000	3	3	#9
123	A615Gr60	A615Gr60	Rectangular	Ties	0.040000	3	3	#9
126	A615Gr60	A615Gr60	Rectangular	Ties	0.040000	3	3	#9
129	A615Gr60	A615Gr60	Rectangular	Ties	0.040000	3	3	#9
142	A615Gr60	A615Gr60	Rectangular	Ties	0.040000	3	3	#9
146	A615Gr60	A615Gr60	Rectangular	Ties	0.040000	3	3	#9
162	A615Gr60	A615Gr60	Rectangular	Ties	0.040000	3	3	#9
172	A615Gr60	A615Gr60	Rectangular	Ties	0.040000	3	3	#9
191	A615Gr60	A615Gr60	Rectangular	Ties	0.040000	3	3	#9
218	A615Gr60	A615Gr60	Rectangular	Ties	0.040000	3	3	#9
228	A615Gr60	A615Gr60	Rectangular	Ties	0.040000	3	3	#9

Table: Frame Section Properties 02 - Concrete Column, Part 2 of 2

Table: Frame Section Properties 02 - Concrete Column, Part 2 of 2

SectionName	BarSizeC	SpacingC	NumCBars2	NumCBars3	ReinfType
		m			
100	#4	0.150000	3	3	Design
120	#4	0.150000	3	3	Design
123	#4	0.150000	3	3	Design
126	#4	0.150000	3	3	Design
129	#4	0.150000	3	3	Design
142	#4	0.150000	3	3	Design
146	#4	0.150000	3	3	Design
162	#4	0.150000	3	3	Design
172	#4	0.150000	3	3	Design
191	#4	0.150000	3	3	Design
218	#4	0.150000	3	3	Design
228	#4	0.150000	3	3	Design

Table: Frame Section Properties 05 - Nonprismatic, Part 1 of 2

Table: Frame Section Properties 05 - Nonprismatic, Part 1 of 2

SectionName	NumSegments	SegmentNum	StartSect	EndSect	LengthType	AbsLength
		m				m
120_123	1	1	120	123	Absolute	1.00000
120_126	1	1	120	126	Absolute	1.00000
120_129	1	1	120	129	Absolute	1.00000
123_120	1	1	123	120	Absolute	1.00000
123_146	1	1	123	146	Absolute	1.00000
126_120	1	1	126	120	Absolute	1.00000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Frame Section Properties 05 - Nonprismatic, Part 1 of 2

SectionName	NumSegments	SegmentNum	StartSect	EndSect	LengthType	AbsLength
126_142	1	1	126	142	Absolute	1.00000
129_120	1	1	129	120	Absolute	1.00000
129_162	1	1	129	162	Absolute	1.00000
142_126	1	1	142	126	Absolute	1.00000
142_172	1	1	142	172	Absolute	1.00000
146_123	1	1	146	123	Absolute	1.00000
146_191	1	1	146	191	Absolute	1.00000
162_129	1	1	162	129	Absolute	1.00000
162_218	1	1	162	218	Absolute	1.00000
172_142	1	1	172	142	Absolute	1.00000
172_228	1	1	172	228	Absolute	1.00000
191_146	1	1	191	146	Absolute	1.00000
191_218	1	1	191	218	Absolute	1.00000
218_162	1	1	218	162	Absolute	1.00000
218_191	1	1	218	191	Absolute	1.00000
228_172	1	1	228	172	Absolute	1.00000

Table: Frame Section Properties 05 - Nonprismatic, Part 2 of 2

Table: Frame Section Properties 05 - Nonprismatic, Part 2 of 2

SectionName	VarLength	EI33Var	EI22Var
120_123		Linear	Linear
120_126		Linear	Linear
120_129		Linear	Linear
123_120		Linear	Linear
123_146		Linear	Linear
126_120		Linear	Linear
126_142		Linear	Linear
129_120		Linear	Linear
129_162		Linear	Linear
142_126		Linear	Linear
142_172		Linear	Linear
146_123		Linear	Linear
146_191		Linear	Linear
162_129		Linear	Linear
162_218		Linear	Linear
172_142		Linear	Linear
172_228		Linear	Linear
191_146		Linear	Linear
191_218		Linear	Linear
218_162		Linear	Linear
218_191		Linear	Linear
228_172		Linear	Linear

Table: Frame Spring Assignments

Table: Frame Spring Assignments

Frame	Type	Stiffness KN/m/m	SimpleType	Dir1Type	Dir
1	Simple	4364.00	Compression Only	Object Axes	2
2	Simple	4364.00	Compression Only	Object Axes	2
3	Simple	4364.00	Compression Only	Object Axes	2
4	Simple	4364.00	Compression Only	Object Axes	2
5	Simple	4364.00	Compression Only	Object Axes	-2
6	Simple	4364.00	Compression Only	Object Axes	-2

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Frame Spring Assignments

Frame	Type	Stiffness KN/m/m	SimpleType	Dir1Type	Dir
7	Simple	4364.00	Compression Only	Object Axes	-2
8	Simple	4364.00	Compression Only	Object Axes	-2
9	Simple	4364.00	Compression Only	Object Axes	-2
10	Simple	4364.00	Compression Only	Object Axes	-2
11	Simple	4364.00	Compression Only	Object Axes	-2
12	Simple	4364.00	Compression Only	Object Axes	-2
13	Simple	4364.00	Compression Only	Object Axes	-2
14	Simple	4364.00	Compression Only	Object Axes	-2
15	Simple	4364.00	Compression Only	Object Axes	-2
16	Simple	4364.00	Compression Only	Object Axes	-2
17	Simple	4364.00	Compression Only	Object Axes	-2
18	Simple	4364.00	Compression Only	Object Axes	-2
19	Simple	4364.00	Compression Only	Object Axes	-2
20	Simple	4364.00	Compression Only	Object Axes	-2
21	Simple	4364.00	Compression Only	Object Axes	-2
22	Simple	4364.00	Compression Only	Object Axes	-2
23	Simple	4364.00	Compression Only	Object Axes	-2
24	Simple	4364.00	Compression Only	Object Axes	-2
25	Simple	4364.00	Compression Only	Object Axes	-2
26	Simple	4364.00	Compression Only	Object Axes	-2
27	Simple	4364.00	Compression Only	Object Axes	-2
28	Simple	4364.00	Compression Only	Object Axes	-2
29	Simple	4923.00	Compression Only	Object Axes	2
30	Simple	4923.00	Compression Only	Object Axes	2
31	Simple	4923.00	Compression Only	Object Axes	2
32	Simple	4923.00	Compression Only	Object Axes	2
33	Simple	4923.00	Compression Only	Object Axes	2
34	Simple	4923.00	Compression Only	Object Axes	2
35	Simple	4923.00	Compression Only	Object Axes	2
36	Simple	4923.00	Compression Only	Object Axes	2
37	Simple	4923.00	Compression Only	Object Axes	2
38	Simple	4923.00	Compression Only	Object Axes	2
39	Simple	4923.00	Compression Only	Object Axes	2
40	Simple	4923.00	Compression Only	Object Axes	2
41	Simple	4923.00	Compression Only	Object Axes	2
42	Simple	4923.00	Compression Only	Object Axes	2
43	Simple	4923.00	Compression Only	Object Axes	2
44	Simple	4923.00	Compression Only	Object Axes	2

Table: Function - Plot Functions

Table: Function - Plot Functions

PlotFunc	Type	DistType	Component	Mode
Input Energy	Energy		Input	All

Table: Function - Power Spectral Density - User

Table: Function - Power Spectral Density - User

Name	Frequency Cyc/sec	Value
UNIFPSD	0.0000E+00	1.000000
UNIFPSD	1.0000E+00	1.000000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Function - Response Spectrum - User

Table: Function - Response Spectrum - User

Name	Period Sec	Accel	FuncDamp
UNIFRS	0.000000	1.000000	0.050000
UNIFRS	1.000000	1.000000	

Table: Function - Steady State - User

Table: Function - Steady State - User

Name	Frequency Cyc/sec	Value
UNIFSS	0.0000E+00	1.000000
UNIFSS	1.0000E+00	1.000000

Table: Function - Time History - User

Table: Function - Time History - User

Name	Time Sec	Value
RAMPTH	0.0000	0.000000
RAMPTH	1.0000	1.000000
RAMPTH	4.0000	1.000000
UNIFTH	0.0000	1.000000
UNIFTH	1.0000	1.000000

Table: Grid Lines, Part 1 of 2

Table: Grid Lines, Part 1 of 2

CoordSys	AxisDir	GridID	XRYZCoord m	LineType	LineColor	Visible	BubbleLoc
GLOBAL	X		8.53936	Primary	Gray8Dark	Yes	End
GLOBAL	X		21.93936	Primary	Gray8Dark	Yes	End
GLOBAL	Y		0.00000	Primary	Gray8Dark	Yes	End
GLOBAL	Z		2.97494	Primary	Gray8Dark	Yes	End
GLOBAL	Z		14.09774	Primary	Gray8Dark	Yes	End

Table: Grid Lines, Part 2 of 2

Table: Grid Lines, Part 2 of 2

CoordSys	AllVisible	BubbleSize m
GLOBAL	Yes	2.438400
GLOBAL		
GLOBAL		
GLOBAL		
GLOBAL		

Table: Groups 1 - Definitions, Part 1 of 3

Table: Groups 1 - Definitions, Part 1 of 3

GroupName	Selection	SectionCut	Steel	Concrete	Aluminum	ColdFormed	Stage
All	Yes	Yes	Yes	Yes	Yes	Yes	Yes
DXFIN	Yes	Yes	Yes	Yes	Yes	Yes	Yes
DXFIN-1	Yes	Yes	Yes	Yes	Yes	Yes	Yes

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Groups 1 - Definitions, Part 2 of 3

Table: Groups 1 - Definitions, Part 2 of 3							
GroupName	Bridge	AutoSeismi c	AutoWind	SelDesSteel	SelDesAlum	SelDesCold	MassWeight
All	Yes	No	No	No	No	No	Yes
DXFIN	Yes	No	No	No	No	No	Yes
DXFIN-1	Yes	No	No	No	No	No	Yes

Table: Groups 1 - Definitions, Part 3 of 3

Table: Groups 1 - Definitions, Part
3 of 3

GroupName	Color
All	Red
DXFIN	Black
DXFIN-1	Black

Table: Groups 2 - Assignments

Table: Groups 2 - Assignments		
GroupName	ObjectType	ObjectLabel
DXFIN-1	Frame	1
DXFIN-1	Frame	2
DXFIN-1	Frame	3
DXFIN-1	Frame	4
DXFIN-1	Frame	5
DXFIN-1	Frame	6
DXFIN-1	Frame	7
DXFIN-1	Frame	8
DXFIN-1	Frame	9
DXFIN-1	Frame	10
DXFIN-1	Frame	11
DXFIN-1	Frame	12
DXFIN-1	Frame	13
DXFIN-1	Frame	14
DXFIN-1	Frame	15
DXFIN-1	Frame	16
DXFIN-1	Frame	17
DXFIN-1	Frame	18
DXFIN-1	Frame	19
DXFIN-1	Frame	20
DXFIN-1	Frame	21
DXFIN-1	Frame	22
DXFIN-1	Frame	23
DXFIN-1	Frame	24
DXFIN-1	Frame	25
DXFIN-1	Frame	26
DXFIN-1	Frame	27
DXFIN-1	Frame	28
DXFIN-1	Frame	29
DXFIN-1	Frame	30
DXFIN-1	Frame	31
DXFIN-1	Frame	32
DXFIN-1	Frame	33
DXFIN-1	Frame	34

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Groups 2 - Assignments

GroupName	ObjectType	ObjectLabel
DXFIN-1	Frame	35
DXFIN-1	Frame	36
DXFIN-1	Frame	37
DXFIN-1	Frame	38
DXFIN-1	Frame	39
DXFIN-1	Frame	40
DXFIN-1	Frame	41
DXFIN-1	Frame	42
DXFIN-1	Frame	43
DXFIN-1	Frame	44
DXFIN-1	Frame	45
DXFIN-1	Frame	46

Table: Groups 3 - Masses and Weights

Table: Groups 3 - Masses and Weights

GroupName	SelfMass KN-s2/m	SelfWeight KN	TotalMassX KN-s2/m	TotalMassY KN-s2/m	TotalMassZ KN-s2/m
All	85.55	838.968	85.55	85.55	85.55
DXFIN	0.00	0.000	0.00	0.00	0.00
DXFIN-1	85.55	838.968	85.55	85.55	85.55

Table: Joint Coordinates, Part 1 of 2

Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR m	Y m	Z m	SpecialJt	GlobalX m
1	GLOBAL	Cartesian	19.39655	0.00000	13.71779	No	19.39655
2	GLOBAL	Cartesian	19.39655	0.00000	14.73955	No	19.39655
3	GLOBAL	Cartesian	19.39655	0.00000	15.58745	No	19.39655
4	GLOBAL	Cartesian	19.39655	0.00000	16.43534	No	19.39655
5	GLOBAL	Cartesian	19.39655	0.00000	17.28324	No	19.39655
6	GLOBAL	Cartesian	19.48334	0.00000	18.38610	No	19.48334
7	GLOBAL	Cartesian	19.74160	0.00000	19.46181	No	19.74160
8	GLOBAL	Cartesian	20.16495	0.00000	20.48387	No	20.16495
9	GLOBAL	Cartesian	20.74298	0.00000	21.42712	No	20.74298
10	GLOBAL	Cartesian	21.46144	0.00000	22.26834	No	21.46144
11	GLOBAL	Cartesian	22.30266	0.00000	22.98681	No	22.30266
12	GLOBAL	Cartesian	23.24591	0.00000	23.56483	No	23.24591
13	GLOBAL	Cartesian	24.26798	0.00000	23.98819	No	24.26798
14	GLOBAL	Cartesian	25.34368	0.00000	24.24644	No	25.34368
15	GLOBAL	Cartesian	26.44655	0.00000	24.33324	No	26.44655
16	GLOBAL	Cartesian	27.54941	0.00000	24.24644	No	27.54941
17	GLOBAL	Cartesian	28.62512	0.00000	23.98819	No	28.62512
18	GLOBAL	Cartesian	29.64718	0.00000	23.56483	No	29.64718
19	GLOBAL	Cartesian	30.59043	0.00000	22.98681	No	30.59043
20	GLOBAL	Cartesian	31.43165	0.00000	22.26834	No	31.43165
21	GLOBAL	Cartesian	32.15012	0.00000	21.42712	No	32.15012
22	GLOBAL	Cartesian	32.72814	0.00000	20.48387	No	32.72814
23	GLOBAL	Cartesian	33.15150	0.00000	19.46181	No	33.15150
24	GLOBAL	Cartesian	33.40975	0.00000	18.38610	No	33.40975
25	GLOBAL	Cartesian	33.49655	0.00000	17.28324	No	33.49655
26	GLOBAL	Cartesian	33.49655	0.00000	16.43534	No	33.49655
27	GLOBAL	Cartesian	33.49655	0.00000	15.58745	No	33.49655
28	GLOBAL	Cartesian	33.49655	0.00000	14.73955	No	33.49655
29	GLOBAL	Cartesian	33.49655	0.00000	13.71779	No	33.49655
30	GLOBAL	Cartesian	32.59666	0.00000	13.71779	No	32.59666

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR m	Y m	Z m	SpecialJt	GlobalX m
31	GLOBAL	Cartesian	31.69677	0.00000	13.71779	No	31.69677
32	GLOBAL	Cartesian	30.86426	0.00000	13.36841	No	30.86426
33	GLOBAL	Cartesian	30.00869	0.00000	13.08004	No	30.00869
34	GLOBAL	Cartesian	29.13455	0.00000	12.85417	No	29.13455
35	GLOBAL	Cartesian	28.24638	0.00000	12.69199	No	28.24638
36	GLOBAL	Cartesian	27.34881	0.00000	12.59434	No	27.34881
37	GLOBAL	Cartesian	26.44655	0.00000	12.56174	No	26.44655
38	GLOBAL	Cartesian	25.54428	0.00000	12.59434	No	25.54428
39	GLOBAL	Cartesian	24.64672	0.00000	12.69199	No	24.64672
40	GLOBAL	Cartesian	23.75855	0.00000	12.85417	No	23.75855
41	GLOBAL	Cartesian	22.88440	0.00000	13.08004	No	22.88440
42	GLOBAL	Cartesian	22.02884	0.00000	13.36841	No	22.02884
43	GLOBAL	Cartesian	21.19632	0.00000	13.71779	No	21.19632
44	GLOBAL	Cartesian	20.29643	0.00000	13.71779	No	20.29643

Table: Joint Coordinates, Part 2 of 2

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY m	GlobalZ m	GUID
1	0.00000	13.71779	
2	0.00000	14.73955	
3	0.00000	15.58745	
4	0.00000	16.43534	
5	0.00000	17.28324	
6	0.00000	18.38610	
7	0.00000	19.46181	
8	0.00000	20.48387	
9	0.00000	21.42712	
10	0.00000	22.26834	
11	0.00000	22.98681	
12	0.00000	23.56483	
13	0.00000	23.98819	
14	0.00000	24.24644	
15	0.00000	24.33324	
16	0.00000	24.24644	
17	0.00000	23.98819	
18	0.00000	23.56483	
19	0.00000	22.98681	
20	0.00000	22.26834	
21	0.00000	21.42712	
22	0.00000	20.48387	
23	0.00000	19.46181	
24	0.00000	18.38610	
25	0.00000	17.28324	
26	0.00000	16.43534	
27	0.00000	15.58745	
28	0.00000	14.73955	
29	0.00000	13.71779	
30	0.00000	13.71779	
31	0.00000	13.71779	
32	0.00000	13.36841	
33	0.00000	13.08004	
34	0.00000	12.85417	
35	0.00000	12.69199	
36	0.00000	12.59434	
37	0.00000	12.56174	
38	0.00000	12.59434	

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY m	GlobalZ m	GUID
39	0.00000	12.69199	
40	0.00000	12.85417	
41	0.00000	13.08004	
42	0.00000	13.36841	
43	0.00000	13.71779	
44	0.00000	13.71779	

Table: Joint Displacements, Part 1 of 2

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1 m	U2 m	U3 m	R1 Radians	R2 Radians
1	SLE	NonStatic	Max	0.000000	0.000000	0.000000	0.000000	0.000000
1	SLE	NonStatic	Min	-0.001373	0.000000	-0.051884	0.000000	-0.000811
1	SLE_SISMA _DOWN	NonStatic	Max	0.004970	0.000000	0.000000	0.000000	0.000000
1	SLE_SISMA _DOWN	NonStatic	Min	0.000000	0.000000	-0.050171	0.000000	-0.000136
1	SLE_SISMA _UP	NonStatic	Max	0.005379	0.000000	0.000000	0.000000	0.000000
1	SLE_SISMA _UP	NonStatic	Min	0.000000	0.000000	-0.045593	0.000000	-0.000039
1	SLU_SISMA _DOWN	NonStatic	Max	0.015201	0.000000	0.000000	0.000000	0.000847
1	SLU_SISMA _DOWN	NonStatic	Min	0.000000	0.000000	-0.048037	0.000000	0.000000
1	SLU_SISMA _UP	NonStatic	Max	0.015360	0.000000	0.000000	0.000000	0.001059
1	SLU_SISMA _UP	NonStatic	Min	0.000000	0.000000	-0.037215	0.000000	0.000000
2	SLE	NonStatic	Max	0.000000	0.000000	0.000000	0.000000	0.000000
2	SLE	NonStatic	Min	-0.002237	0.000000	-0.051889	0.000000	-0.000729
2	SLE_SISMA _DOWN	NonStatic	Max	0.004793	0.000000	0.000000	0.000000	0.000000
2	SLE_SISMA _DOWN	NonStatic	Min	0.000000	0.000000	-0.050175	0.000000	-0.000050
2	SLE_SISMA _UP	NonStatic	Max	0.005304	0.000000	0.000000	0.000000	0.000038
2	SLE_SISMA _UP	NonStatic	Min	0.000000	0.000000	-0.045597	0.000000	0.000000
2	SLU_SISMA _DOWN	NonStatic	Max	0.016027	0.000000	0.000000	0.000000	0.000933
2	SLU_SISMA _DOWN	NonStatic	Min	0.000000	0.000000	-0.048040	0.000000	0.000000
2	SLU_SISMA _UP	NonStatic	Max	0.016413	0.000000	0.000000	0.000000	0.001126
2	SLU_SISMA _UP	NonStatic	Min	0.000000	0.000000	-0.037216	0.000000	0.000000
3	SLE	NonStatic	Max	0.000000	0.000000	0.000000	0.000000	0.000000
3	SLE	NonStatic	Min	-0.002767	0.000000	-0.051912	0.000000	-0.000553
3	SLE_SISMA _DOWN	NonStatic	Max	0.004845	0.000000	0.000000	0.000000	0.000135
3	SLE_SISMA _DOWN	NonStatic	Min	0.000000	0.000000	-0.050198	0.000000	0.000000
3	SLE_SISMA _UP	NonStatic	Max	0.005424	0.000000	0.000000	0.000000	0.000204
3	SLE_SISMA _UP	NonStatic	Min	0.000000	0.000000	-0.045618	0.000000	0.000000
3	SLU_SISMA _DOWN	NonStatic	Max	0.016921	0.000000	0.000000	0.000000	0.001114
3	SLU_SISMA _DOWN	NonStatic	Min	0.000000	0.000000	-0.048063	0.000000	0.000000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Displacements, Part 1 of 2								
Joint	OutputCase	CaseType	StepType	U1 m	U2 m	U3 m	R1 Radians	R2 Radians
3	SLU_SISMA_UP	NonStatic	Max	0.017452	0.000000	0.000000	0.000000	0.001261
3	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.037235	0.000000	0.000000
4	SLE	NonStatic	Max	0.000000	0.000000	0.000000	0.000000	0.000000
4	SLE	NonStatic	Min	-0.003119	0.000000	-0.051938	0.000000	-0.000304
4	SLE_SISMA_DOWN	NonStatic	Max	0.005083	0.000000	0.000000	0.000000	0.000390
4	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.050224	0.000000	0.000000
4	SLE_SISMA_UP	NonStatic	Max	0.005708	0.000000	0.000000	0.000000	0.000429
4	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.045642	0.000000	0.000000
4	SLU_SISMA_DOWN	NonStatic	Max	0.017989	0.000000	0.000000	0.000000	0.001346
4	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.048089	0.000000	0.000000
4	SLU_SISMA_UP	NonStatic	Max	0.018614	0.000000	0.000000	0.000000	0.001421
4	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.037257	0.000000	0.000000
5	SLE	NonStatic	Max	0.000000	0.000000	0.000000	0.000000	0.000000
5	SLE	NonStatic	Min	-0.003244	0.000000	-0.051966	0.000000	-0.000014
5	SLE_SISMA_DOWN	NonStatic	Max	0.005550	0.000000	0.000000	0.000000	0.000679
5	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.050252	0.000000	0.000000
5	SLE_SISMA_UP	NonStatic	Max	0.006192	0.000000	0.000000	0.000000	0.000680
5	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.045668	0.000000	0.000000
5	SLU_SISMA_DOWN	NonStatic	Max	0.019255	0.000000	0.000000	0.000000	0.001588
5	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.048118	0.000000	0.000000
5	SLU_SISMA_UP	NonStatic	Max	0.019905	0.000000	0.000000	0.000000	0.001574
5	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.037280	0.000000	0.000000
6	SLE	NonStatic	Max	0.000000	0.000000	0.000000	0.000000	0.000314
6	SLE	NonStatic	Min	-0.003058	0.000000	-0.052015	0.000000	0.000000
6	SLE_SISMA_DOWN	NonStatic	Max	0.006500	0.000000	0.000000	0.000000	0.000994
6	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.050361	0.000000	0.000000
6	SLE_SISMA_UP	NonStatic	Max	0.007116	0.000000	0.000000	0.000000	0.000951
6	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.045772	0.000000	0.000000
6	SLU_SISMA_DOWN	NonStatic	Max	0.021171	0.000000	0.000000	0.000000	0.001828
6	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.048303	0.000000	0.000000
6	SLU_SISMA_UP	NonStatic	Max	0.021740	0.000000	0.000000	0.000000	0.001708
6	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.037452	0.000000	0.000000
7	SLE	NonStatic	Max	0.000000	0.000000	0.000000	0.000000	0.000491
7	SLE	NonStatic	Min	-0.002601	0.000000	-0.052153	0.000000	0.000000
7	SLE_SISMA_DOWN	NonStatic	Max	0.007682	0.000000	0.000000	0.000000	0.001154
7	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.050673	0.000000	0.000000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Displacements, Part 1 of 2								
Joint	OutputCase	CaseType	StepType	U1 m	U2 m	U3 m	R1 Radians	R2 Radians
7	SLE_SISMA_UP	NonStatic	Max	0.008235	0.000000	0.000000	0.000000	0.001086
7	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.046066	0.000000	0.000000
7	SLU_SISMA_DOWN	NonStatic	Max	0.023221	0.000000	0.000000	0.000000	0.001935
7	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.048823	0.000000	0.000000
7	SLU_SISMA_UP	NonStatic	Max	0.023621	0.000000	0.000000	0.000000	0.001756
7	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.037927	0.000000	0.000000
8	SLE	NonStatic	Max	0.000000	0.000000	0.000000	0.000000	0.000552
8	SLE	NonStatic	Min	-0.002054	0.000000	-0.052400	0.000000	0.000000
8	SLE_SISMA_DOWN	NonStatic	Max	0.008904	0.000000	0.000000	0.000000	0.001206
8	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.051199	0.000000	0.000000
8	SLE_SISMA_UP	NonStatic	Max	0.009380	0.000000	0.000000	0.000000	0.001129
8	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.046559	0.000000	0.000000
8	SLU_SISMA_DOWN	NonStatic	Max	0.025225	0.000000	0.000000	0.000000	0.001962
8	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.049673	0.000000	0.000000
8	SLU_SISMA_UP	NonStatic	Max	0.025426	0.000000	0.000000	0.000000	0.001762
8	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.038691	0.000000	0.000000
9	SLE	NonStatic	Max	0.000000	0.000000	0.000000	0.000000	0.000583
9	SLE	NonStatic	Min	-0.001513	0.000000	-0.052749	0.000000	0.000000
9	SLE_SISMA_DOWN	NonStatic	Max	0.010058	0.000000	0.000000	0.000000	0.001227
9	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.051924	0.000000	0.000000
9	SLE_SISMA_UP	NonStatic	Max	0.010458	0.000000	0.000000	0.000000	0.001145
9	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.047236	0.000000	0.000000
9	SLU_SISMA_DOWN	NonStatic	Max	0.027083	0.000000	0.000000	0.000000	0.001964
9	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.050829	0.000000	0.000000
9	SLU_SISMA_UP	NonStatic	Max	0.027086	0.000000	0.000000	0.000000	0.001754
9	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.039723	0.000000	0.000000
10	SLE	NonStatic	Max	0.000000	0.000000	0.000000	0.000000	0.000606
10	SLE	NonStatic	Min	-0.001008	0.000000	-0.053200	0.000000	0.000000
10	SLE_SISMA_DOWN	NonStatic	Max	0.011100	0.000000	0.000000	0.000000	0.001233
10	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.052832	0.000000	0.000000
10	SLE_SISMA_UP	NonStatic	Max	0.011427	0.000000	0.000000	0.000000	0.001147
10	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.048082	0.000000	0.000000
10	SLU_SISMA_DOWN	NonStatic	Max	0.028730	0.000000	0.000000	0.000000	0.001942
10	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.052256	0.000000	0.000000
10	SLU_SISMA_UP	NonStatic	Max	0.028549	0.000000	0.000000	0.000000	0.001723

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Displacements, Part 1 of 2								
Joint	OutputCase	CaseType	StepType	U1 m	U2 m	U3 m	R1 Radians	R2 Radians
10	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.040990	0.000000	0.000000
11	SLE	NonStatic	Max	0.000000	0.000000	0.000000	0.000000	0.000595
11	SLE	NonStatic	Min	-0.000572	0.000000	-0.053736	0.000000	0.000000
11	SLE_SISMA_DOWN	NonStatic	Max	0.011976	0.000000	0.000000	0.000000	0.001191
11	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.053883	0.000000	0.000000
11	SLE_SISMA_UP	NonStatic	Max	0.012240	0.000000	0.000000	0.000000	0.001105
11	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.049056	0.000000	0.000000
11	SLU_SISMA_DOWN	NonStatic	Max	0.030095	0.000000	0.000000	0.000000	0.001856
11	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.053881	0.000000	0.000000
11	SLU_SISMA_UP	NonStatic	Max	0.029753	0.000000	0.000000	0.000000	0.001639
11	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.042424	0.000000	0.000000
12	SLE	NonStatic	Max	0.000000	0.000000	0.000000	0.000000	0.000516
12	SLE	NonStatic	Min	-0.000249	0.000000	-0.054291	0.000000	0.000000
12	SLE_SISMA_DOWN	NonStatic	Max	0.012631	0.000000	0.000000	0.000000	0.001073
12	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.054978	0.000000	0.000000
12	SLE_SISMA_UP	NonStatic	Max	0.012845	0.000000	0.000000	0.000000	0.000996
12	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.050072	0.000000	0.000000
12	SLU_SISMA_DOWN	NonStatic	Max	0.031116	0.000000	0.000000	0.000000	0.001698
12	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.055579	0.000000	0.000000
12	SLU_SISMA_UP	NonStatic	Max	0.030653	0.000000	0.000000	0.000000	0.001508
12	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.043922	0.000000	0.000000
13	SLE	NonStatic	Max	0.000000	0.000000	0.000000	0.000000	0.000378
13	SLE	NonStatic	Min	-0.000065	0.000000	-0.054771	0.000000	0.000000
13	SLE_SISMA_DOWN	NonStatic	Max	0.013043	0.000000	0.000000	0.000000	0.000902
13	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.056007	0.000000	0.000000
13	SLE_SISMA_UP	NonStatic	Max	0.013228	0.000000	0.000000	0.000000	0.000843
13	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.051029	0.000000	0.000000
13	SLU_SISMA_DOWN	NonStatic	Max	0.031784	0.000000	0.000000	0.000000	0.001508
13	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.057230	0.000000	0.000000
13	SLU_SISMA_UP	NonStatic	Max	0.031247	0.000000	0.000000	0.000000	0.001365
13	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.045396	0.000000	0.000000
14	SLE	NonStatic	Max	1.650E-06	0.000000	0.000000	0.000000	0.000199
14	SLE	NonStatic	Min	0.000000	0.000000	-0.055095	0.000000	0.000000
14	SLE_SISMA_DOWN	NonStatic	Max	0.013241	0.000000	0.000000	0.000000	0.000700
14	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.056880	0.000000	0.000000
14	SLE_SISMA_UP	NonStatic	Max	0.013413	0.000000	0.000000	0.000000	0.000666

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Displacements, Part 1 of 2								
Joint	OutputCase	CaseType	StepType	U1 m	U2 m	U3 m	R1 Radians	R2 Radians
14	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.051850	0.000000	0.000000
14	SLU_SISMA_DOWN	NonStatic	Max	0.032133	0.000000	0.000000	0.000000	0.001309
14	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.058749	0.000000	0.000000
14	SLU_SISMA_UP	NonStatic	Max	0.031565	0.000000	0.000000	0.000000	0.001226
14	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.046789	0.000000	0.000000
15	SLE	NonStatic	Max	0.000000	0.000000	0.000000	0.000000	0.000000
15	SLE	NonStatic	Min	-1.365E-13	0.000000	-0.055210	0.000000	-6.705E-15
15	SLE_SISMA_DOWN	NonStatic	Max	0.013281	0.000000	0.000000	0.000000	0.000490
15	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.057536	0.000000	0.000000
15	SLE_SISMA_UP	NonStatic	Max	0.013452	0.000000	0.000000	0.000000	0.000483
15	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.052483	0.000000	0.000000
15	SLU_SISMA_DOWN	NonStatic	Max	0.032223	0.000000	0.000000	0.000000	0.001119
15	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.060081	0.000000	0.000000
15	SLU_SISMA_UP	NonStatic	Max	0.031651	0.000000	0.000000	0.000000	0.001102
15	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.048065	0.000000	0.000000
16	SLE	NonStatic	Max	0.000000	0.000000	0.000000	0.000000	0.000000
16	SLE	NonStatic	Min	-1.650E-06	0.000000	-0.055095	0.000000	-0.000199
16	SLE_SISMA_DOWN	NonStatic	Max	0.013237	0.000000	0.000000	0.000000	0.000292
16	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.057957	0.000000	0.000000
16	SLE_SISMA_UP	NonStatic	Max	0.013407	0.000000	0.000000	0.000000	0.000311
16	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.052912	0.000000	0.000000
16	SLU_SISMA_DOWN	NonStatic	Max	0.032119	0.000000	0.000000	0.000000	0.000957
16	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.061210	0.000000	0.000000
16	SLU_SISMA_UP	NonStatic	Max	0.031545	0.000000	0.000000	0.000000	0.001006
16	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.049214	0.000000	0.000000
17	SLE	NonStatic	Max	0.000065	0.000000	0.000000	0.000000	0.000000
17	SLE	NonStatic	Min	0.000000	0.000000	-0.054771	0.000000	-0.000378
17	SLE_SISMA_DOWN	NonStatic	Max	0.013175	0.000000	0.000000	0.000000	0.000126
17	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.058162	0.000000	0.000000
17	SLE_SISMA_UP	NonStatic	Max	0.013336	0.000000	0.000000	0.000000	0.000170
17	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.053153	0.000000	0.000000
17	SLU_SISMA_DOWN	NonStatic	Max	0.031876	0.000000	0.000000	0.000000	0.000841
17	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.062153	0.000000	0.000000
17	SLU_SISMA_UP	NonStatic	Max	0.031280	0.000000	0.000000	0.000000	0.000946
17	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.050244	0.000000	0.000000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Displacements, Part 1 of 2								
Joint	OutputCase	CaseType	StepType	U1 m	U2 m	U3 m	R1 Radians	R2 Radians
18	SLE	NonStatic	Max	0.000249	0.000000	0.000000	0.000000	0.000000
18	SLE	NonStatic	Min	0.000000	0.000000	-0.054291	0.000000	-0.000516
18	SLE_SISMA _DOWN	NonStatic	Max	0.013142	0.000000	0.000000	0.000000	0.000014
18	SLE_SISMA _DOWN	NonStatic	Min	0.000000	0.000000	-0.058205	0.000000	0.000000
18	SLE_SISMA _UP	NonStatic	Max	0.013279	0.000000	0.000000	0.000000	0.000076
18	SLE_SISMA _UP	NonStatic	Min	0.000000	0.000000	-0.053253	0.000000	0.000000
18	SLU_SISMA _DOWN	NonStatic	Max	0.031525	0.000000	0.000000	0.000000	0.000784
18	SLU_SISMA _DOWN	NonStatic	Min	0.000000	0.000000	-0.062951	0.000000	0.000000
18	SLU_SISMA _UP	NonStatic	Max	0.030873	0.000000	0.000000	0.000000	0.000931
18	SLU_SISMA _UP	NonStatic	Min	0.000000	0.000000	-0.051179	0.000000	0.000000
19	SLE	NonStatic	Max	0.000572	0.000000	0.000000	0.000000	0.000000
19	SLE	NonStatic	Min	0.000000	0.000000	-0.053736	0.000000	-0.000595
19	SLE_SISMA _DOWN	NonStatic	Max	0.013148	0.000000	0.000000	0.000000	0.000000
19	SLE_SISMA _DOWN	NonStatic	Min	0.000000	0.000000	-0.058164	0.000000	-0.000029
19	SLE_SISMA _UP	NonStatic	Max	0.013245	0.000000	0.000000	0.000000	0.000043
19	SLE_SISMA _UP	NonStatic	Min	0.000000	0.000000	-0.053278	0.000000	0.000000
19	SLU_SISMA _DOWN	NonStatic	Max	0.031066	0.000000	0.000000	0.000000	0.000798
19	SLU_SISMA _DOWN	NonStatic	Min	0.000000	0.000000	-0.063661	0.000000	0.000000
19	SLU_SISMA _UP	NonStatic	Max	0.030318	0.000000	0.000000	0.000000	0.000964
19	SLU_SISMA _UP	NonStatic	Min	0.000000	0.000000	-0.052045	0.000000	0.000000
20	SLE	NonStatic	Max	0.001008	0.000000	0.000000	0.000000	0.000000
20	SLE	NonStatic	Min	0.000000	0.000000	-0.053200	0.000000	-0.000606
20	SLE_SISMA _DOWN	NonStatic	Max	0.013165	0.000000	0.000000	0.000000	0.000000
20	SLE_SISMA _DOWN	NonStatic	Min	0.000000	0.000000	-0.058116	0.000000	-5.450E-06
20	SLE_SISMA _UP	NonStatic	Max	0.013208	0.000000	0.000000	0.000000	0.000066
20	SLE_SISMA _UP	NonStatic	Min	0.000000	0.000000	-0.053294	0.000000	0.000000
20	SLU_SISMA _DOWN	NonStatic	Max	0.030468	0.000000	0.000000	0.000000	0.000861
20	SLU_SISMA _DOWN	NonStatic	Min	0.000000	0.000000	-0.064326	0.000000	0.000000
20	SLU_SISMA _UP	NonStatic	Max	0.029598	0.000000	0.000000	0.000000	0.001024
20	SLU_SISMA _UP	NonStatic	Min	0.000000	0.000000	-0.052856	0.000000	0.000000
21	SLE	NonStatic	Max	0.001513	0.000000	0.000000	0.000000	0.000000
21	SLE	NonStatic	Min	0.000000	0.000000	-0.052749	0.000000	-0.000583
21	SLE_SISMA _DOWN	NonStatic	Max	0.013155	0.000000	0.000000	0.000000	0.000037
21	SLE_SISMA _DOWN	NonStatic	Min	0.000000	0.000000	-0.058102	0.000000	0.000000
21	SLE_SISMA _UP	NonStatic	Max	0.013139	0.000000	0.000000	0.000000	0.000105
21	SLE_SISMA _UP	NonStatic	Min	0.000000	0.000000	-0.053332	0.000000	0.000000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Displacements, Part 1 of 2								
Joint	OutputCase	CaseType	StepType	U1 m	U2 m	U3 m	R1 Radians	R2 Radians
21	SLU_SISMA_DOWN	NonStatic	Max	0.029717	0.000000	0.000000	0.000000	0.000921
21	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.064941	0.000000	0.000000
21	SLU_SISMA_UP	NonStatic	Max	0.028711	0.000000	0.000000	0.000000	0.001071
21	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.053590	0.000000	0.000000
22	SLE	NonStatic	Max	0.002054	0.000000	0.000000	0.000000	0.000000
22	SLE	NonStatic	Min	0.000000	0.000000	-0.052400	0.000000	-0.000552
22	SLE_SISMA_DOWN	NonStatic	Max	0.013105	0.000000	0.000000	0.000000	0.000079
22	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.058113	0.000000	0.000000
22	SLE_SISMA_UP	NonStatic	Max	0.013025	0.000000	0.000000	0.000000	0.000142
22	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.053383	0.000000	0.000000
22	SLU_SISMA_DOWN	NonStatic	Max	0.028825	0.000000	0.000000	0.000000	0.000969
22	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.065464	0.000000	0.000000
22	SLU_SISMA_UP	NonStatic	Max	0.027680	0.000000	0.000000	0.000000	0.001106
22	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.054201	0.000000	0.000000
23	SLE	NonStatic	Max	0.002601	0.000000	0.000000	0.000000	0.000000
23	SLE	NonStatic	Min	0.000000	0.000000	-0.052153	0.000000	-0.000491
23	SLE_SISMA_DOWN	NonStatic	Max	0.013000	0.000000	0.000000	0.000000	0.000153
23	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.058135	0.000000	0.000000
23	SLE_SISMA_UP	NonStatic	Max	0.012857	0.000000	0.000000	0.000000	0.000208
23	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.053432	0.000000	0.000000
23	SLU_SISMA_DOWN	NonStatic	Max	0.027803	0.000000	0.000000	0.000000	0.001045
23	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.065862	0.000000	0.000000
23	SLU_SISMA_UP	NonStatic	Max	0.026523	0.000000	0.000000	0.000000	0.001159
23	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.054658	0.000000	0.000000
24	SLE	NonStatic	Max	0.003058	0.000000	0.000000	0.000000	0.000000
24	SLE	NonStatic	Min	0.000000	0.000000	-0.052015	0.000000	-0.000314
24	SLE_SISMA_DOWN	NonStatic	Max	0.012748	0.000000	0.000000	0.000000	0.000353
24	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.058164	0.000000	0.000000
24	SLE_SISMA_UP	NonStatic	Max	0.012557	0.000000	0.000000	0.000000	0.000383
24	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.053475	0.000000	0.000000
24	SLU_SISMA_DOWN	NonStatic	Max	0.026588	0.000000	0.000000	0.000000	0.001236
24	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.066119	0.000000	0.000000
24	SLU_SISMA_UP	NonStatic	Max	0.025214	0.000000	0.000000	0.000000	0.001286
24	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.054943	0.000000	0.000000
25	SLE	NonStatic	Max	0.003244	0.000000	0.000000	0.000000	0.000014
25	SLE	NonStatic	Min	0.000000	0.000000	-0.051966	0.000000	0.000000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Displacements, Part 1 of 2								
Joint	OutputCase	CaseType	StepType	U1 m	U2 m	U3 m	R1 Radians	R2 Radians
25	SLE_SISMA_DOWN	NonStatic	Max	0.012179	0.000000	0.000000	0.000000	0.000707
25	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.058172	0.000000	0.000000
25	SLE_SISMA_UP	NonStatic	Max	0.011978	0.000000	0.000000	0.000000	0.000691
25	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.053486	0.000000	0.000000
25	SLU_SISMA_DOWN	NonStatic	Max	0.025056	0.000000	0.000000	0.000000	0.001559
25	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.066198	0.000000	0.000000
25	SLU_SISMA_UP	NonStatic	Max	0.023683	0.000000	0.000000	0.000000	0.001499
25	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.055028	0.000000	0.000000
26	SLE	NonStatic	Max	0.003119	0.000000	0.000000	0.000000	0.000304
26	SLE	NonStatic	Min	0.000000	0.000000	-0.051938	0.000000	0.000000
26	SLE_SISMA_DOWN	NonStatic	Max	0.011458	0.000000	0.000000	0.000000	0.001007
26	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.058142	0.000000	0.000000
26	SLE_SISMA_UP	NonStatic	Max	0.011286	0.000000	0.000000	0.000000	0.000955
26	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.053459	0.000000	0.000000
26	SLU_SISMA_DOWN	NonStatic	Max	0.023626	0.000000	0.000000	0.000000	0.001830
26	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.066164	0.000000	0.000000
26	SLU_SISMA_UP	NonStatic	Max	0.022341	0.000000	0.000000	0.000000	0.001681
26	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.055001	0.000000	0.000000
27	SLE	NonStatic	Max	0.002767	0.000000	0.000000	0.000000	0.000553
27	SLE	NonStatic	Min	0.000000	0.000000	-0.051912	0.000000	0.000000
27	SLE_SISMA_DOWN	NonStatic	Max	0.010507	0.000000	0.000000	0.000000	0.001261
27	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.058114	0.000000	0.000000
27	SLE_SISMA_UP	NonStatic	Max	0.010392	0.000000	0.000000	0.000000	0.001178
27	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.053433	0.000000	0.000000
27	SLU_SISMA_DOWN	NonStatic	Max	0.021989	0.000000	0.000000	0.000000	0.002063
27	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.066133	0.000000	0.000000
27	SLU_SISMA_UP	NonStatic	Max	0.020861	0.000000	0.000000	0.000000	0.001843
27	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.054974	0.000000	0.000000
28	SLE	NonStatic	Max	0.002237	0.000000	0.000000	0.000000	0.000729
28	SLE	NonStatic	Min	0.000000	0.000000	-0.051889	0.000000	0.000000
28	SLE_SISMA_DOWN	NonStatic	Max	0.009375	0.000000	0.000000	0.000000	0.001440
28	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.058089	0.000000	0.000000
28	SLE_SISMA_UP	NonStatic	Max	0.009339	0.000000	0.000000	0.000000	0.001338
28	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.053410	0.000000	0.000000
28	SLU_SISMA_DOWN	NonStatic	Max	0.020186	0.000000	0.000000	0.000000	0.002233

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Displacements, Part 1 of 2								
Joint	OutputCase	CaseType	StepType	U1 m	U2 m	U3 m	R1 Radians	R2 Radians
28	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.066106	0.000000	0.000000
28	SLU_SISMA_UP	NonStatic	Max	0.019264	0.000000	0.000000	0.000000	0.001969
28	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.054952	0.000000	0.000000
29	SLE	NonStatic	Max	0.001373	0.000000	0.000000	0.000000	0.000811
29	SLE	NonStatic	Min	0.000000	0.000000	-0.051884	0.000000	0.000000
29	SLE_SISMA_DOWN	NonStatic	Max	0.007784	0.000000	0.000000	0.000000	0.001523
29	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.058083	0.000000	0.000000
29	SLE_SISMA_UP	NonStatic	Max	0.007864	0.000000	0.000000	0.000000	0.001413
29	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.053404	0.000000	0.000000
29	SLU_SISMA_DOWN	NonStatic	Max	0.017789	0.000000	0.000000	0.000000	0.002315
29	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.066097	0.000000	0.000000
29	SLU_SISMA_UP	NonStatic	Max	0.017165	0.000000	0.000000	0.000000	0.002032
29	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.054944	0.000000	0.000000
30	SLE	NonStatic	Max	0.001335	0.000000	0.000000	0.000000	0.001074
30	SLE	NonStatic	Min	0.000000	0.000000	-0.051011	0.000000	0.000000
30	SLE_SISMA_DOWN	NonStatic	Max	0.007746	0.000000	0.000000	0.000000	0.001782
30	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.056562	0.000000	0.000000
30	SLE_SISMA_UP	NonStatic	Max	0.007831	0.000000	0.000000	0.000000	0.001647
30	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.051995	0.000000	0.000000
30	SLU_SISMA_DOWN	NonStatic	Max	0.017754	0.000000	0.000000	0.000000	0.002565
30	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.063856	0.000000	0.000000
30	SLU_SISMA_UP	NonStatic	Max	0.017140	0.000000	0.000000	0.000000	0.002225
30	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.052989	0.000000	0.000000
31	SLE	NonStatic	Max	0.001297	0.000000	0.000000	0.000000	0.001295
31	SLE	NonStatic	Min	0.000000	0.000000	-0.049942	0.000000	0.000000
31	SLE_SISMA_DOWN	NonStatic	Max	0.007708	0.000000	0.000000	0.000000	0.001977
31	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.054860	0.000000	0.000000
31	SLE_SISMA_UP	NonStatic	Max	0.007797	0.000000	0.000000	0.000000	0.001821
31	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.050425	0.000000	0.000000
31	SLU_SISMA_DOWN	NonStatic	Max	0.017720	0.000000	0.000000	0.000000	0.002722
31	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.061459	0.000000	0.000000
31	SLU_SISMA_UP	NonStatic	Max	0.017115	0.000000	0.000000	0.000000	0.002335
31	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.050920	0.000000	0.000000
32	SLE	NonStatic	Max	0.000822	0.000000	0.000000	0.000000	0.001412
32	SLE	NonStatic	Min	0.000000	0.000000	-0.048742	0.000000	0.000000
32	SLE_SISMA_DOWN	NonStatic	Max	0.007003	0.000000	0.000000	0.000000	0.002052

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Displacements, Part 1 of 2								
Joint	OutputCase	CaseType	StepType	U1 m	U2 m	U3 m	R1 Radians	R2 Radians
32	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.053106	0.000000	0.000000
32	SLE_SISMA_UP	NonStatic	Max	0.007149	0.000000	0.000000	0.000000	0.001886
32	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.048812	0.000000	0.000000
32	SLU_SISMA_DOWN	NonStatic	Max	0.016768	0.000000	0.000000	0.000000	0.002746
32	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.059104	0.000000	0.000000
32	SLU_SISMA_UP	NonStatic	Max	0.016306	0.000000	0.000000	0.000000	0.002340
32	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.048911	0.000000	0.000000
33	SLE	NonStatic	Max	0.000430	0.000000	0.000000	0.000000	0.001348
33	SLE	NonStatic	Min	0.000000	0.000000	-0.047500	0.000000	0.000000
33	SLE_SISMA_DOWN	NonStatic	Max	0.006435	0.000000	0.000000	0.000000	0.001940
33	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.051336	0.000000	0.000000
33	SLE_SISMA_UP	NonStatic	Max	0.006629	0.000000	0.000000	0.000000	0.001782
33	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.047186	0.000000	0.000000
33	SLU_SISMA_DOWN	NonStatic	Max	0.016013	0.000000	0.000000	0.000000	0.002584
33	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.056761	0.000000	0.000000
33	SLU_SISMA_UP	NonStatic	Max	0.015666	0.000000	0.000000	0.000000	0.002202
33	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.046919	0.000000	0.000000
34	SLE	NonStatic	Max	0.000163	0.000000	0.000000	0.000000	0.001138
34	SLE	NonStatic	Min	0.000000	0.000000	-0.046365	0.000000	0.000000
34	SLE_SISMA_DOWN	NonStatic	Max	0.006040	0.000000	0.000000	0.000000	0.001682
34	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.049706	0.000000	0.000000
34	SLE_SISMA_UP	NonStatic	Max	0.006268	0.000000	0.000000	0.000000	0.001548
34	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.045688	0.000000	0.000000
34	SLU_SISMA_DOWN	NonStatic	Max	0.015484	0.000000	0.000000	0.000000	0.002284
34	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.054588	0.000000	0.000000
34	SLU_SISMA_UP	NonStatic	Max	0.015217	0.000000	0.000000	0.000000	0.001964
34	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.045064	0.000000	0.000000
35	SLE	NonStatic	Max	0.000023	0.000000	0.000000	0.000000	0.000819
35	SLE	NonStatic	Min	0.000000	0.000000	-0.045462	0.000000	0.000000
35	SLE_SISMA_DOWN	NonStatic	Max	0.005817	0.000000	0.000000	0.000000	0.001321
35	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.048340	0.000000	0.000000
35	SLE_SISMA_UP	NonStatic	Max	0.006063	0.000000	0.000000	0.000000	0.001222
35	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.044429	0.000000	0.000000
35	SLU_SISMA_DOWN	NonStatic	Max	0.015172	0.000000	0.000000	0.000000	0.001896
35	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.052704	0.000000	0.000000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Displacements, Part 1 of 2								
Joint	OutputCase	CaseType	StepType	U1 m	U2 m	U3 m	R1 Radians	R2 Radians
35	SLU_SISMA_UP	NonStatic	Max	0.014949	0.000000	0.000000	0.000000	0.001663
35	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.043433	0.000000	0.000000
36	SLE	NonStatic	Max	0.000000	0.000000	0.000000	0.000000	0.000427
36	SLE	NonStatic	Min	-0.000017	0.000000	-0.044881	0.000000	0.000000
36	SLE_SISMA_DOWN	NonStatic	Max	0.005733	0.000000	0.000000	0.000000	0.000897
36	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.047328	0.000000	0.000000
36	SLE_SISMA_UP	NonStatic	Max	0.005985	0.000000	0.000000	0.000000	0.000842
36	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.043487	0.000000	0.000000
36	SLU_SISMA_DOWN	NonStatic	Max	0.015038	0.000000	0.000000	0.000000	0.001461
36	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.051186	0.000000	0.000000
36	SLU_SISMA_UP	NonStatic	Max	0.014831	0.000000	0.000000	0.000000	0.001333
36	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.042081	0.000000	0.000000
37	SLE	NonStatic	Max	0.000000	0.000000	0.000000	0.000000	0.000000
37	SLE	NonStatic	Min	-2.944E-14	0.000000	-0.044681	0.000000	-1.144E-14
37	SLE_SISMA_DOWN	NonStatic	Max	0.005736	0.000000	0.000000	0.000000	0.000449
37	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.046718	0.000000	0.000000
37	SLE_SISMA_UP	NonStatic	Max	0.005989	0.000000	0.000000	0.000000	0.000441
37	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.042907	0.000000	0.000000
37	SLU_SISMA_DOWN	NonStatic	Max	0.015029	0.000000	0.000000	0.000000	0.001023
37	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.050070	0.000000	0.000000
37	SLU_SISMA_UP	NonStatic	Max	0.014823	0.000000	0.000000	0.000000	0.001007
37	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.041030	0.000000	0.000000
38	SLE	NonStatic	Max	0.000017	0.000000	0.000000	0.000000	0.000000
38	SLE	NonStatic	Min	0.000000	0.000000	-0.044881	0.000000	-0.000427
38	SLE_SISMA_DOWN	NonStatic	Max	0.005768	0.000000	0.000000	0.000000	0.000016
38	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.046521	0.000000	0.000000
38	SLE_SISMA_UP	NonStatic	Max	0.006021	0.000000	0.000000	0.000000	0.000056
38	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.042694	0.000000	0.000000
38	SLU_SISMA_DOWN	NonStatic	Max	0.015087	0.000000	0.000000	0.000000	0.000618
38	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.049349	0.000000	0.000000
38	SLU_SISMA_UP	NonStatic	Max	0.014879	0.000000	0.000000	0.000000	0.000714
38	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.040271	0.000000	0.000000
39	SLE	NonStatic	Max	0.000000	0.000000	0.000000	0.000000	0.000000
39	SLE	NonStatic	Min	-0.000023	0.000000	-0.045462	0.000000	-0.000819
39	SLE_SISMA_DOWN	NonStatic	Max	0.005774	0.000000	0.000000	0.000000	0.000000
39	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.046704	0.000000	-0.000366

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Displacements, Part 1 of 2								
Joint	OutputCase	CaseType	StepType	U1 m	U2 m	U3 m	R1 Radians	R2 Radians
39	SLE_SISMA_UP	NonStatic	Max	0.006032	0.000000	0.000000	0.000000	0.000000
39	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.042820	0.000000	-0.000283
39	SLU_SISMA_DOWN	NonStatic	Max	0.015159	0.000000	0.000000	0.000000	0.000282
39	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.048978	0.000000	0.000000
39	SLU_SISMA_UP	NonStatic	Max	0.014965	0.000000	0.000000	0.000000	0.000480
39	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.039762	0.000000	0.000000
40	SLE	NonStatic	Max	0.000000	0.000000	0.000000	0.000000	0.000000
40	SLE	NonStatic	Min	-0.000163	0.000000	-0.046365	0.000000	-0.001138
40	SLE_SISMA_DOWN	NonStatic	Max	0.005710	0.000000	0.000000	0.000000	0.000000
40	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.047199	0.000000	-0.000661
40	SLE_SISMA_UP	NonStatic	Max	0.005984	0.000000	0.000000	0.000000	0.000000
40	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.043223	0.000000	-0.000542
40	SLU_SISMA_DOWN	NonStatic	Max	0.015211	0.000000	0.000000	0.000000	0.000047
40	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.048877	0.000000	0.000000
40	SLU_SISMA_UP	NonStatic	Max	0.015054	0.000000	0.000000	0.000000	0.000328
40	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.039440	0.000000	0.000000
41	SLE	NonStatic	Max	0.000000	0.000000	0.000000	0.000000	0.000000
41	SLE	NonStatic	Min	-0.000430	0.000000	-0.047500	0.000000	-0.001348
41	SLE_SISMA_DOWN	NonStatic	Max	0.005556	0.000000	0.000000	0.000000	0.000000
41	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.047905	0.000000	-0.000834
41	SLE_SISMA_UP	NonStatic	Max	0.005859	0.000000	0.000000	0.000000	0.000000
41	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.043809	0.000000	-0.000691
41	SLU_SISMA_DOWN	NonStatic	Max	0.015230	0.000000	0.000000	0.000000	0.000000
41	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.048937	0.000000	-0.000057
41	SLU_SISMA_UP	NonStatic	Max	0.015143	0.000000	0.000000	0.000000	0.000279
41	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.039219	0.000000	0.000000
42	SLE	NonStatic	Max	0.000000	0.000000	0.000000	0.000000	0.000000
42	SLE	NonStatic	Min	-0.000822	0.000000	-0.048742	0.000000	-0.001412
42	SLE_SISMA_DOWN	NonStatic	Max	0.005320	0.000000	0.000000	0.000000	0.000000
42	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.048691	0.000000	-0.000854
42	SLE_SISMA_UP	NonStatic	Max	0.005667	0.000000	0.000000	0.000000	0.000000
42	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.044463	0.000000	-0.000701
42	SLU_SISMA_DOWN	NonStatic	Max	0.015235	0.000000	0.000000	0.000000	0.000000
42	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.049029	0.000000	-4.275E-06
42	SLU_SISMA_UP	NonStatic	Max	0.015250	0.000000	0.000000	0.000000	0.000350

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1 m	U2 m	U3 m	R1 Radians	R2 Radians
42	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.039001	0.000000	0.000000
43	SLE	NonStatic	Max	0.000000	0.000000	0.000000	0.000000	0.000000
43	SLE	NonStatic	Min	-0.001297	0.000000	-0.049942	0.000000	-0.001295
43	SLE_SISMA_DOWN	NonStatic	Max	0.005051	0.000000	0.000000	0.000000	0.000000
43	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.049407	0.000000	-0.000686
43	SLE_SISMA_UP	NonStatic	Max	0.005451	0.000000	0.000000	0.000000	0.000000
43	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.045048	0.000000	-0.000543
43	SLU_SISMA_DOWN	NonStatic	Max	0.015281	0.000000	0.000000	0.000000	0.000229
43	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.049009	0.000000	0.000000
43	SLU_SISMA_UP	NonStatic	Max	0.015419	0.000000	0.000000	0.000000	0.000555
43	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.038680	0.000000	0.000000
44	SLE	NonStatic	Max	0.000000	0.000000	0.000000	0.000000	0.000000
44	SLE	NonStatic	Min	-0.001335	0.000000	-0.051011	0.000000	-0.001074
44	SLE_SISMA_DOWN	NonStatic	Max	0.005010	0.000000	0.000000	0.000000	0.000000
44	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.049902	0.000000	-0.000422
44	SLE_SISMA_UP	NonStatic	Max	0.005415	0.000000	0.000000	0.000000	0.000000
44	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.045425	0.000000	-0.000300
44	SLU_SISMA_DOWN	NonStatic	Max	0.015241	0.000000	0.000000	0.000000	0.000539
44	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.048652	0.000000	0.000000
44	SLU_SISMA_UP	NonStatic	Max	0.015389	0.000000	0.000000	0.000000	0.000813
44	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.038053	0.000000	0.000000

Table: Joint Displacements, Part 2 of 2

Table: Joint Displacements, Part 2 of 2

Joint	OutputCase	StepType	R3 Radians
1	SLE	Max	0.000000
1	SLE	Min	0.000000
1	SLE_SISMA_DOWN	Max	0.000000
1	SLE_SISMA_DOWN	Min	0.000000
1	SLE_SISMA_UP	Max	0.000000
1	SLE_SISMA_UP	Min	0.000000
1	SLU_SISMA_DOWN	Max	0.000000
1	SLU_SISMA_DOWN	Min	0.000000
1	SLU_SISMA_UP	Max	0.000000
1	SLU_SISMA_UP	Min	0.000000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Displacements, Part 2 of 2

Joint	OutputCase	StepType	R3 Radians
2	SLE	Max	0.000000
2	SLE	Min	0.000000
2	SLE_SISMA _DOWN	Max	0.000000
2	SLE_SISMA _DOWN	Min	0.000000
2	SLE_SISMA _UP	Max	0.000000
2	SLE_SISMA _UP	Min	0.000000
2	SLU_SISMA _DOWN	Max	0.000000
2	SLU_SISMA _DOWN	Min	0.000000
2	SLU_SISMA _UP	Max	0.000000
2	SLU_SISMA _UP	Min	0.000000
3	SLE	Max	0.000000
3	SLE	Min	0.000000
3	SLE_SISMA _DOWN	Max	0.000000
3	SLE_SISMA _DOWN	Min	0.000000
3	SLE_SISMA _UP	Max	0.000000
3	SLE_SISMA _UP	Min	0.000000
3	SLU_SISMA _DOWN	Max	0.000000
3	SLU_SISMA _DOWN	Min	0.000000
3	SLU_SISMA _UP	Max	0.000000
3	SLU_SISMA _UP	Min	0.000000
4	SLE	Max	0.000000
4	SLE	Min	0.000000
4	SLE_SISMA _DOWN	Max	0.000000
4	SLE_SISMA _DOWN	Min	0.000000
4	SLE_SISMA _UP	Max	0.000000
4	SLE_SISMA _UP	Min	0.000000
4	SLU_SISMA _DOWN	Max	0.000000
4	SLU_SISMA _DOWN	Min	0.000000
4	SLU_SISMA _UP	Max	0.000000
4	SLU_SISMA _UP	Min	0.000000
5	SLE	Max	0.000000
5	SLE	Min	0.000000
5	SLE_SISMA _DOWN	Max	0.000000
5	SLE_SISMA _DOWN	Min	0.000000
5	SLE_SISMA _UP	Max	0.000000
5	SLE_SISMA _UP	Min	0.000000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Displacements, Part 2 of 2

Joint	OutputCase	StepType	R3 Radians
5	SLU_SISMA _DOWN	Max	0.000000
5	SLU_SISMA _DOWN	Min	0.000000
5	SLU_SISMA _UP	Max	0.000000
5	SLU_SISMA _UP	Min	0.000000
6	SLE	Max	0.000000
6	SLE	Min	0.000000
6	SLE_SISMA _DOWN	Max	0.000000
6	SLE_SISMA _DOWN	Min	0.000000
6	SLE_SISMA _UP	Max	0.000000
6	SLE_SISMA _UP	Min	0.000000
6	SLU_SISMA _DOWN	Max	0.000000
6	SLU_SISMA _DOWN	Min	0.000000
6	SLU_SISMA _UP	Max	0.000000
6	SLU_SISMA _UP	Min	0.000000
7	SLE	Max	0.000000
7	SLE	Min	0.000000
7	SLE_SISMA _DOWN	Max	0.000000
7	SLE_SISMA _DOWN	Min	0.000000
7	SLE_SISMA _UP	Max	0.000000
7	SLE_SISMA _UP	Min	0.000000
7	SLU_SISMA _DOWN	Max	0.000000
7	SLU_SISMA _DOWN	Min	0.000000
7	SLU_SISMA _UP	Max	0.000000
7	SLU_SISMA _UP	Min	0.000000
8	SLE	Max	0.000000
8	SLE	Min	0.000000
8	SLE_SISMA _DOWN	Max	0.000000
8	SLE_SISMA _DOWN	Min	0.000000
8	SLE_SISMA _UP	Max	0.000000
8	SLE_SISMA _UP	Min	0.000000
8	SLU_SISMA _DOWN	Max	0.000000
8	SLU_SISMA _DOWN	Min	0.000000
8	SLU_SISMA _UP	Max	0.000000
8	SLU_SISMA _UP	Min	0.000000
9	SLE	Max	0.000000
9	SLE	Min	0.000000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Displacements, Part 2 of 2

Joint	OutputCase	StepType	R3 Radians
9	SLE_SISMA _DOWN	Max	0.000000
9	SLE_SISMA _DOWN	Min	0.000000
9	SLE_SISMA _UP	Max	0.000000
9	SLE_SISMA _UP	Min	0.000000
9	SLU_SISMA _DOWN	Max	0.000000
9	SLU_SISMA _DOWN	Min	0.000000
9	SLU_SISMA _UP	Max	0.000000
9	SLU_SISMA _UP	Min	0.000000
10	SLE	Max	0.000000
10	SLE	Min	0.000000
10	SLE_SISMA _DOWN	Max	0.000000
10	SLE_SISMA _DOWN	Min	0.000000
10	SLE_SISMA _UP	Max	0.000000
10	SLE_SISMA _UP	Min	0.000000
10	SLU_SISMA _DOWN	Max	0.000000
10	SLU_SISMA _DOWN	Min	0.000000
10	SLU_SISMA _UP	Max	0.000000
10	SLU_SISMA _UP	Min	0.000000
11	SLE	Max	0.000000
11	SLE	Min	0.000000
11	SLE_SISMA _DOWN	Max	0.000000
11	SLE_SISMA _DOWN	Min	0.000000
11	SLE_SISMA _UP	Max	0.000000
11	SLE_SISMA _UP	Min	0.000000
11	SLU_SISMA _DOWN	Max	0.000000
11	SLU_SISMA _DOWN	Min	0.000000
11	SLU_SISMA _UP	Max	0.000000
11	SLU_SISMA _UP	Min	0.000000
12	SLE	Max	0.000000
12	SLE	Min	0.000000
12	SLE_SISMA _DOWN	Max	0.000000
12	SLE_SISMA _DOWN	Min	0.000000
12	SLE_SISMA _UP	Max	0.000000
12	SLE_SISMA _UP	Min	0.000000
12	SLU_SISMA _DOWN	Max	0.000000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Displacements, Part 2 of 2

Joint	OutputCase	StepType	R3 Radians
12	SLU_SISMA _DOWN	Min	0.000000
12	SLU_SISMA _UP	Max	0.000000
12	SLU_SISMA _UP	Min	0.000000
13	SLE	Max	0.000000
13	SLE	Min	0.000000
13	SLE_SISMA _DOWN	Max	0.000000
13	SLE_SISMA _DOWN	Min	0.000000
13	SLE_SISMA _UP	Max	0.000000
13	SLE_SISMA _UP	Min	0.000000
13	SLU_SISMA _DOWN	Max	0.000000
13	SLU_SISMA _DOWN	Min	0.000000
13	SLU_SISMA _UP	Max	0.000000
13	SLU_SISMA _UP	Min	0.000000
14	SLE	Max	0.000000
14	SLE	Min	0.000000
14	SLE_SISMA _DOWN	Max	0.000000
14	SLE_SISMA _DOWN	Min	0.000000
14	SLE_SISMA _UP	Max	0.000000
14	SLE_SISMA _UP	Min	0.000000
14	SLU_SISMA _DOWN	Max	0.000000
14	SLU_SISMA _DOWN	Min	0.000000
14	SLU_SISMA _UP	Max	0.000000
14	SLU_SISMA _UP	Min	0.000000
15	SLE	Max	0.000000
15	SLE	Min	0.000000
15	SLE_SISMA _DOWN	Max	0.000000
15	SLE_SISMA _DOWN	Min	0.000000
15	SLE_SISMA _UP	Max	0.000000
15	SLE_SISMA _UP	Min	0.000000
15	SLU_SISMA _DOWN	Max	0.000000
15	SLU_SISMA _DOWN	Min	0.000000
15	SLU_SISMA _UP	Max	0.000000
15	SLU_SISMA _UP	Min	0.000000
16	SLE	Max	0.000000
16	SLE	Min	0.000000
16	SLE_SISMA _DOWN	Max	0.000000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Displacements, Part 2 of 2

Joint	OutputCase	StepType	R3 Radians
16	SLE_SISMA _DOWN	Min	0.000000
16	SLE_SISMA _UP	Max	0.000000
16	SLE_SISMA _UP	Min	0.000000
16	SLU_SISMA _DOWN	Max	0.000000
16	SLU_SISMA _DOWN	Min	0.000000
16	SLU_SISMA _UP	Max	0.000000
16	SLU_SISMA _UP	Min	0.000000
17	SLE	Max	0.000000
17	SLE	Min	0.000000
17	SLE_SISMA _DOWN	Max	0.000000
17	SLE_SISMA _DOWN	Min	0.000000
17	SLE_SISMA _UP	Max	0.000000
17	SLE_SISMA _UP	Min	0.000000
17	SLU_SISMA _DOWN	Max	0.000000
17	SLU_SISMA _DOWN	Min	0.000000
17	SLU_SISMA _UP	Max	0.000000
17	SLU_SISMA _UP	Min	0.000000
18	SLE	Max	0.000000
18	SLE	Min	0.000000
18	SLE_SISMA _DOWN	Max	0.000000
18	SLE_SISMA _DOWN	Min	0.000000
18	SLE_SISMA _UP	Max	0.000000
18	SLE_SISMA _UP	Min	0.000000
18	SLU_SISMA _DOWN	Max	0.000000
18	SLU_SISMA _DOWN	Min	0.000000
18	SLU_SISMA _UP	Max	0.000000
18	SLU_SISMA _UP	Min	0.000000
19	SLE	Max	0.000000
19	SLE	Min	0.000000
19	SLE_SISMA _DOWN	Max	0.000000
19	SLE_SISMA _DOWN	Min	0.000000
19	SLE_SISMA _UP	Max	0.000000
19	SLE_SISMA _UP	Min	0.000000
19	SLU_SISMA _DOWN	Max	0.000000
19	SLU_SISMA _DOWN	Min	0.000000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Displacements, Part 2 of 2

Joint	OutputCase	StepType	R3 Radians
19	SLU_SISMA _UP	Max	0.000000
19	SLU_SISMA _UP	Min	0.000000
20	SLE	Max	0.000000
20	SLE	Min	0.000000
20	SLE_SISMA _DOWN	Max	0.000000
20	SLE_SISMA _DOWN	Min	0.000000
20	SLE_SISMA _UP	Max	0.000000
20	SLE_SISMA _UP	Min	0.000000
20	SLU_SISMA _DOWN	Max	0.000000
20	SLU_SISMA _DOWN	Min	0.000000
20	SLU_SISMA _UP	Max	0.000000
20	SLU_SISMA _UP	Min	0.000000
21	SLE	Max	0.000000
21	SLE	Min	0.000000
21	SLE_SISMA _DOWN	Max	0.000000
21	SLE_SISMA _DOWN	Min	0.000000
21	SLE_SISMA _UP	Max	0.000000
21	SLE_SISMA _UP	Min	0.000000
21	SLU_SISMA _DOWN	Max	0.000000
21	SLU_SISMA _DOWN	Min	0.000000
21	SLU_SISMA _UP	Max	0.000000
21	SLU_SISMA _UP	Min	0.000000
22	SLE	Max	0.000000
22	SLE	Min	0.000000
22	SLE_SISMA _DOWN	Max	0.000000
22	SLE_SISMA _DOWN	Min	0.000000
22	SLE_SISMA _UP	Max	0.000000
22	SLE_SISMA _UP	Min	0.000000
22	SLU_SISMA _DOWN	Max	0.000000
22	SLU_SISMA _DOWN	Min	0.000000
22	SLU_SISMA _UP	Max	0.000000
22	SLU_SISMA _UP	Min	0.000000
23	SLE	Max	0.000000
23	SLE	Min	0.000000
23	SLE_SISMA _DOWN	Max	0.000000
23	SLE_SISMA _DOWN	Min	0.000000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Displacements, Part 2 of 2

Joint	OutputCase	StepType	R3 Radians
23	SLE_SISMA _UP	Max	0.000000
23	SLE_SISMA _UP	Min	0.000000
23	SLU_SISMA _DOWN	Max	0.000000
23	SLU_SISMA _DOWN	Min	0.000000
23	SLU_SISMA _UP	Max	0.000000
23	SLU_SISMA _UP	Min	0.000000
24	SLE	Max	0.000000
24	SLE	Min	0.000000
24	SLE_SISMA _DOWN	Max	0.000000
24	SLE_SISMA _DOWN	Min	0.000000
24	SLE_SISMA _UP	Max	0.000000
24	SLE_SISMA _UP	Min	0.000000
24	SLU_SISMA _DOWN	Max	0.000000
24	SLU_SISMA _DOWN	Min	0.000000
24	SLU_SISMA _UP	Max	0.000000
24	SLU_SISMA _UP	Min	0.000000
25	SLE	Max	0.000000
25	SLE	Min	0.000000
25	SLE_SISMA _DOWN	Max	0.000000
25	SLE_SISMA _DOWN	Min	0.000000
25	SLE_SISMA _UP	Max	0.000000
25	SLE_SISMA _UP	Min	0.000000
25	SLU_SISMA _DOWN	Max	0.000000
25	SLU_SISMA _DOWN	Min	0.000000
25	SLU_SISMA _UP	Max	0.000000
25	SLU_SISMA _UP	Min	0.000000
26	SLE	Max	0.000000
26	SLE	Min	0.000000
26	SLE_SISMA _DOWN	Max	0.000000
26	SLE_SISMA _DOWN	Min	0.000000
26	SLE_SISMA _UP	Max	0.000000
26	SLE_SISMA _UP	Min	0.000000
26	SLU_SISMA _DOWN	Max	0.000000
26	SLU_SISMA _DOWN	Min	0.000000
26	SLU_SISMA _UP	Max	0.000000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Displacements, Part 2 of 2

Joint	OutputCase	StepType	R3 Radians
26	SLU_SISMA _UP	Min	0.000000
27	SLE	Max	0.000000
27	SLE	Min	0.000000
27	SLE_SISMA _DOWN	Max	0.000000
27	SLE_SISMA _DOWN	Min	0.000000
27	SLE_SISMA _UP	Max	0.000000
27	SLE_SISMA _UP	Min	0.000000
27	SLU_SISMA _DOWN	Max	0.000000
27	SLU_SISMA _DOWN	Min	0.000000
27	SLU_SISMA _UP	Max	0.000000
27	SLU_SISMA _UP	Min	0.000000
28	SLE	Max	0.000000
28	SLE	Min	0.000000
28	SLE_SISMA _DOWN	Max	0.000000
28	SLE_SISMA _DOWN	Min	0.000000
28	SLE_SISMA _UP	Max	0.000000
28	SLE_SISMA _UP	Min	0.000000
28	SLU_SISMA _DOWN	Max	0.000000
28	SLU_SISMA _DOWN	Min	0.000000
28	SLU_SISMA _UP	Max	0.000000
28	SLU_SISMA _UP	Min	0.000000
29	SLE	Max	0.000000
29	SLE	Min	0.000000
29	SLE_SISMA _DOWN	Max	0.000000
29	SLE_SISMA _DOWN	Min	0.000000
29	SLE_SISMA _UP	Max	0.000000
29	SLE_SISMA _UP	Min	0.000000
29	SLU_SISMA _DOWN	Max	0.000000
29	SLU_SISMA _DOWN	Min	0.000000
29	SLU_SISMA _UP	Max	0.000000
29	SLU_SISMA _UP	Min	0.000000
30	SLE	Max	0.000000
30	SLE	Min	0.000000
30	SLE_SISMA _DOWN	Max	0.000000
30	SLE_SISMA _DOWN	Min	0.000000
30	SLE_SISMA _UP	Max	0.000000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Displacements, Part 2 of 2

Joint	OutputCase	StepType	R3 Radians
30	SLE_SISMA _UP	Min	0.000000
30	SLU_SISMA _DOWN	Max	0.000000
30	SLU_SISMA _DOWN	Min	0.000000
30	SLU_SISMA _UP	Max	0.000000
30	SLU_SISMA _UP	Min	0.000000
31	SLE	Max	0.000000
31	SLE	Min	0.000000
31	SLE_SISMA _DOWN	Max	0.000000
31	SLE_SISMA _DOWN	Min	0.000000
31	SLE_SISMA _UP	Max	0.000000
31	SLE_SISMA _UP	Min	0.000000
31	SLU_SISMA _DOWN	Max	0.000000
31	SLU_SISMA _DOWN	Min	0.000000
31	SLU_SISMA _UP	Max	0.000000
31	SLU_SISMA _UP	Min	0.000000
32	SLE	Max	0.000000
32	SLE	Min	0.000000
32	SLE_SISMA _DOWN	Max	0.000000
32	SLE_SISMA _DOWN	Min	0.000000
32	SLE_SISMA _UP	Max	0.000000
32	SLE_SISMA _UP	Min	0.000000
32	SLU_SISMA _DOWN	Max	0.000000
32	SLU_SISMA _DOWN	Min	0.000000
32	SLU_SISMA _UP	Max	0.000000
32	SLU_SISMA _UP	Min	0.000000
33	SLE	Max	0.000000
33	SLE	Min	0.000000
33	SLE_SISMA _DOWN	Max	0.000000
33	SLE_SISMA _DOWN	Min	0.000000
33	SLE_SISMA _UP	Max	0.000000
33	SLE_SISMA _UP	Min	0.000000
33	SLU_SISMA _DOWN	Max	0.000000
33	SLU_SISMA _DOWN	Min	0.000000
33	SLU_SISMA _UP	Max	0.000000
33	SLU_SISMA _UP	Min	0.000000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Displacements, Part 2 of 2

Joint	OutputCase	StepType	R3 Radians
34	SLE	Max	0.000000
34	SLE	Min	0.000000
34	SLE_SISMA _DOWN	Max	0.000000
34	SLE_SISMA _DOWN	Min	0.000000
34	SLE_SISMA _UP	Max	0.000000
34	SLE_SISMA _UP	Min	0.000000
34	SLU_SISMA _DOWN	Max	0.000000
34	SLU_SISMA _DOWN	Min	0.000000
34	SLU_SISMA _UP	Max	0.000000
34	SLU_SISMA _UP	Min	0.000000
35	SLE	Max	0.000000
35	SLE	Min	0.000000
35	SLE_SISMA _DOWN	Max	0.000000
35	SLE_SISMA _DOWN	Min	0.000000
35	SLE_SISMA _UP	Max	0.000000
35	SLE_SISMA _UP	Min	0.000000
35	SLU_SISMA _DOWN	Max	0.000000
35	SLU_SISMA _DOWN	Min	0.000000
35	SLU_SISMA _UP	Max	0.000000
35	SLU_SISMA _UP	Min	0.000000
36	SLE	Max	0.000000
36	SLE	Min	0.000000
36	SLE_SISMA _DOWN	Max	0.000000
36	SLE_SISMA _DOWN	Min	0.000000
36	SLE_SISMA _UP	Max	0.000000
36	SLE_SISMA _UP	Min	0.000000
36	SLU_SISMA _DOWN	Max	0.000000
36	SLU_SISMA _DOWN	Min	0.000000
36	SLU_SISMA _UP	Max	0.000000
36	SLU_SISMA _UP	Min	0.000000
37	SLE	Max	0.000000
37	SLE	Min	0.000000
37	SLE_SISMA _DOWN	Max	0.000000
37	SLE_SISMA _DOWN	Min	0.000000
37	SLE_SISMA _UP	Max	0.000000
37	SLE_SISMA _UP	Min	0.000000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Displacements, Part 2 of 2

Joint	OutputCase	StepType	R3 Radians
37	SLU_SISMA _DOWN	Max	0.000000
37	SLU_SISMA _DOWN	Min	0.000000
37	SLU_SISMA _UP	Max	0.000000
37	SLU_SISMA _UP	Min	0.000000
38	SLE	Max	0.000000
38	SLE	Min	0.000000
38	SLE_SISMA _DOWN	Max	0.000000
38	SLE_SISMA _DOWN	Min	0.000000
38	SLE_SISMA _UP	Max	0.000000
38	SLE_SISMA _UP	Min	0.000000
38	SLU_SISMA _DOWN	Max	0.000000
38	SLU_SISMA _DOWN	Min	0.000000
38	SLU_SISMA _UP	Max	0.000000
38	SLU_SISMA _UP	Min	0.000000
39	SLE	Max	0.000000
39	SLE	Min	0.000000
39	SLE_SISMA _DOWN	Max	0.000000
39	SLE_SISMA _DOWN	Min	0.000000
39	SLE_SISMA _UP	Max	0.000000
39	SLE_SISMA _UP	Min	0.000000
39	SLU_SISMA _DOWN	Max	0.000000
39	SLU_SISMA _DOWN	Min	0.000000
39	SLU_SISMA _UP	Max	0.000000
39	SLU_SISMA _UP	Min	0.000000
40	SLE	Max	0.000000
40	SLE	Min	0.000000
40	SLE_SISMA _DOWN	Max	0.000000
40	SLE_SISMA _DOWN	Min	0.000000
40	SLE_SISMA _UP	Max	0.000000
40	SLE_SISMA _UP	Min	0.000000
40	SLU_SISMA _DOWN	Max	0.000000
40	SLU_SISMA _DOWN	Min	0.000000
40	SLU_SISMA _UP	Max	0.000000
40	SLU_SISMA _UP	Min	0.000000
41	SLE	Max	0.000000
41	SLE	Min	0.000000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Displacements, Part 2 of 2

Joint	OutputCase	StepType	R3 Radians
41	SLE_SISMA _DOWN	Max	0.000000
41	SLE_SISMA _DOWN	Min	0.000000
41	SLE_SISMA _UP	Max	0.000000
41	SLE_SISMA _UP	Min	0.000000
41	SLU_SISMA _DOWN	Max	0.000000
41	SLU_SISMA _DOWN	Min	0.000000
41	SLU_SISMA _UP	Max	0.000000
41	SLU_SISMA _UP	Min	0.000000
42	SLE	Max	0.000000
42	SLE	Min	0.000000
42	SLE_SISMA _DOWN	Max	0.000000
42	SLE_SISMA _DOWN	Min	0.000000
42	SLE_SISMA _UP	Max	0.000000
42	SLE_SISMA _UP	Min	0.000000
42	SLU_SISMA _DOWN	Max	0.000000
42	SLU_SISMA _DOWN	Min	0.000000
42	SLU_SISMA _UP	Max	0.000000
42	SLU_SISMA _UP	Min	0.000000
43	SLE	Max	0.000000
43	SLE	Min	0.000000
43	SLE_SISMA _DOWN	Max	0.000000
43	SLE_SISMA _DOWN	Min	0.000000
43	SLE_SISMA _UP	Max	0.000000
43	SLE_SISMA _UP	Min	0.000000
43	SLU_SISMA _DOWN	Max	0.000000
43	SLU_SISMA _DOWN	Min	0.000000
43	SLU_SISMA _UP	Max	0.000000
43	SLU_SISMA _UP	Min	0.000000
44	SLE	Max	0.000000
44	SLE	Min	0.000000
44	SLE_SISMA _DOWN	Max	0.000000
44	SLE_SISMA _DOWN	Min	0.000000
44	SLE_SISMA _UP	Max	0.000000
44	SLE_SISMA _UP	Min	0.000000
44	SLU_SISMA _DOWN	Max	0.000000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Displacements, Part 2 of 2

Joint	OutputCase	StepType	R3 Radians
44	SLU_SISMA _DOWN	Min	0.000000
44	SLU_SISMA _UP	Max	0.000000
44	SLU_SISMA _UP	Min	0.000000

Table: Joint Pattern Definitions

Table: Joint
Pattern Definitions

Pattern
Default

Table: Joint Reactions, Part 1 of 2

Table: Joint Reactions, Part 1 of 2

Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m
1	SLE	NonStatic	Max	3.061	0.000	114.928	0.0000	0.0000
1	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
1	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	111.132	0.0000	0.0000
1	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
1	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	100.992	0.0000	0.0000
1	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
1	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	106.406	0.0000	0.0000
1	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
1	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	82.434	0.0000	0.0000
1	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
2	SLE	NonStatic	Max	9.127	0.000	0.000	0.0000	0.0000
2	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
2	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
2	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
2	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
2	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
2	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
2	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
2	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
2	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
3	SLE	NonStatic	Max	10.239	0.000	0.000	0.0000	0.0000
3	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
3	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Reactions, Part 1 of 2

Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m
3	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
3	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
3	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
3	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
3	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
3	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
3	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
4	SLE	NonStatic	Max	11.540	0.000	0.000	0.0000	0.0000
4	SLE	NonStatic	Min	0.000	0.000	-1.973E-11	0.0000	0.0000
4	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
4	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
4	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
4	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
4	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
4	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
4	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
4	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
5	SLE	NonStatic	Max	6.002	0.000	0.000	0.0000	0.0000
5	SLE	NonStatic	Min	0.000	0.000	-2.052E-11	0.0000	0.0000
5	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
5	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
5	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
5	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
5	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
5	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
5	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
5	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
6	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
6	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
6	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
6	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
6	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
6	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
6	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
6	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Reactions, Part 1 of 2

Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m
6	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
6	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
7	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
7	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
7	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
7	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
7	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
7	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
7	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
7	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
7	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
7	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
8	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
8	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
8	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
8	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
8	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
8	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
8	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
8	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
8	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
8	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
9	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
9	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
9	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
9	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
9	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
9	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
9	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
9	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
9	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
9	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
10	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
10	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
10	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
10	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Reactions, Part 1 of 2

Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m
10	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
10	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
10	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
10	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
10	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
10	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
11	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
11	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
11	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
11	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
11	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
11	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
11	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
11	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
11	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
11	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
12	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
12	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
12	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
12	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
12	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
12	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
12	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
12	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
12	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
12	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
13	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
13	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
13	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
13	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
13	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
13	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
13	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
13	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
13	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Reactions, Part 1 of 2

Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m
13	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
14	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
14	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
14	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
14	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
14	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
14	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
14	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
14	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
14	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
14	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
15	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
15	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
15	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
15	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
15	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
15	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
15	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
15	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
15	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
15	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
16	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
16	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
16	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
16	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
16	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
16	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
16	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
16	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
16	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
16	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
17	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
17	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
17	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
17	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
17	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Reactions, Part 1 of 2

Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m
17	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
17	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
17	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
17	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
17	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
18	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
18	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
18	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
18	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
18	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
18	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
18	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
18	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
18	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
18	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
19	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
19	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
19	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
19	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
19	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
19	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
19	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
19	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
19	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
19	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
20	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
20	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
20	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
20	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
20	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
20	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
20	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
20	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
20	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
20	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Reactions, Part 1 of 2

Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m
21	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
21	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
21	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
21	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
21	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
21	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
21	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
21	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
21	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
21	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
22	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
22	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
22	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
22	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
22	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
22	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
22	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
22	SLU_SISMA _DOWN	NonStatic	Min	-3.521	0.000	-1.459	0.0000	0.0000
22	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
22	SLU_SISMA _UP	NonStatic	Min	-10.774	0.000	-4.463	0.0000	0.0000
23	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
23	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
23	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
23	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
23	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
23	SLE_SISMA _UP	NonStatic	Min	-0.067	0.000	-0.016	0.0000	0.0000
23	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
23	SLU_SISMA _DOWN	NonStatic	Min	-28.442	0.000	-7.016	0.0000	0.0000
23	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
23	SLU_SISMA _UP	NonStatic	Min	-38.587	0.000	-10.657	0.0000	0.0000
24	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
24	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
24	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
24	SLE_SISMA _DOWN	NonStatic	Min	-19.601	0.000	-1.543	0.0000	0.0000
24	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
24	SLE_SISMA _UP	NonStatic	Min	-20.029	0.000	-1.576	0.0000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Reactions, Part 1 of 2

Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m
24	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
24	SLU_SISMA_DOWN	NonStatic	Min	-75.757	0.000	-9.909	0.0000	0.0000
24	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
24	SLU_SISMA_UP	NonStatic	Min	-77.555	0.000	-10.532	0.0000	0.0000
25	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
25	SLE	NonStatic	Min	-6.002	0.000	-2.052E-11	0.0000	0.0000
25	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
25	SLE_SISMA_DOWN	NonStatic	Min	-40.765	0.000	-1.435	0.0000	0.0000
25	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
25	SLE_SISMA_UP	NonStatic	Min	-40.798	0.000	-1.467	0.0000	0.0000
25	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
25	SLU_SISMA_DOWN	NonStatic	Min	-93.969	0.000	-3.747	0.0000	0.0000
25	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
25	SLU_SISMA_UP	NonStatic	Min	-90.241	0.000	-3.654	0.0000	0.0000
26	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
26	SLE	NonStatic	Min	-11.540	0.000	-1.973E-11	0.0000	0.0000
26	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
26	SLE_SISMA_DOWN	NonStatic	Min	-42.398	0.000	-7.248E-11	0.0000	0.0000
26	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
26	SLE_SISMA_UP	NonStatic	Min	-41.762	0.000	-7.139E-11	0.0000	0.0000
26	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
26	SLU_SISMA_DOWN	NonStatic	Min	-87.420	0.000	-1.494E-10	0.0000	0.0000
26	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
26	SLU_SISMA_UP	NonStatic	Min	-82.666	0.000	-1.413E-10	0.0000	0.0000
27	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
27	SLE	NonStatic	Min	-10.239	0.000	0.000	0.0000	0.0000
27	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
27	SLE_SISMA_DOWN	NonStatic	Min	-38.877	0.000	0.000	0.0000	0.0000
27	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
27	SLE_SISMA_UP	NonStatic	Min	-38.454	0.000	0.000	0.0000	0.0000
27	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
27	SLU_SISMA_DOWN	NonStatic	Min	-81.363	0.000	0.000	0.0000	0.0000
27	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
27	SLU_SISMA_UP	NonStatic	Min	-77.191	0.000	0.000	0.0000	0.0000
28	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
28	SLE	NonStatic	Min	-9.127	0.000	0.000	0.0000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Reactions, Part 1 of 2

Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m
28	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
28	SLE_SISMA_DOWN	NonStatic	Min	-38.247	0.000	0.000	0.0000	0.0000
28	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
28	SLE_SISMA_UP	NonStatic	Min	-38.100	0.000	0.000	0.0000	0.0000
28	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
28	SLU_SISMA_DOWN	NonStatic	Min	-82.351	0.000	0.000	0.0000	0.0000
28	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
28	SLU_SISMA_UP	NonStatic	Min	-78.590	0.000	0.000	0.0000	0.0000
29	SLE	NonStatic	Max	0.000	0.000	114.928	0.0000	0.0000
29	SLE	NonStatic	Min	-3.061	0.000	0.000	0.0000	0.0000
29	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	128.657	0.0000	0.0000
29	SLE_SISMA_DOWN	NonStatic	Min	-17.354	0.000	0.000	0.0000	0.0000
29	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	118.293	0.0000	0.0000
29	SLE_SISMA_UP	NonStatic	Min	-17.533	0.000	0.000	0.0000	0.0000
29	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	146.411	0.0000	0.0000
29	SLU_SISMA_DOWN	NonStatic	Min	-39.661	0.000	0.000	0.0000	0.0000
29	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	121.705	0.0000	0.0000
29	SLU_SISMA_UP	NonStatic	Min	-38.270	0.000	0.000	0.0000	0.0000
30	SLE	NonStatic	Max	0.000	0.000	225.988	0.0000	0.0000
30	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
30	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	250.576	0.0000	0.0000
30	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
30	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	230.345	0.0000	0.0000
30	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
30	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	282.893	0.0000	0.0000
30	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
30	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	234.748	0.0000	0.0000
30	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
31	SLE	NonStatic	Max	0.000	0.000	206.023	0.0000	0.0000
31	SLE	NonStatic	Min	-40.035	0.000	0.000	0.0000	0.0000
31	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	231.296	0.0000	0.0000
31	SLE_SISMA_DOWN	NonStatic	Min	-46.069	0.000	0.000	0.0000	0.0000
31	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	213.159	0.0000	0.0000
31	SLE_SISMA_UP	NonStatic	Min	-42.581	0.000	0.000	0.0000	0.0000
31	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	266.321	0.0000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Reactions, Part 1 of 2

Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m
31	SLU_SISMA_DOWN	NonStatic	Min	-54.634	0.000	0.000	0.0000	0.0000
31	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	222.581	0.0000	0.0000
31	SLU_SISMA_UP	NonStatic	Min	-46.075	0.000	0.000	0.0000	0.0000
32	SLE	NonStatic	Max	0.000	0.000	190.578	0.0000	0.0000
32	SLE	NonStatic	Min	-71.898	0.000	0.000	0.0000	0.0000
32	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	216.595	0.0000	0.0000
32	SLE_SISMA_DOWN	NonStatic	Min	-81.753	0.000	0.000	0.0000	0.0000
32	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	200.125	0.0000	0.0000
32	SLE_SISMA_UP	NonStatic	Min	-75.541	0.000	0.000	0.0000	0.0000
32	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	254.207	0.0000	0.0000
32	SLU_SISMA_DOWN	NonStatic	Min	-96.007	0.000	0.000	0.0000	0.0000
32	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	213.930	0.0000	0.0000
32	SLU_SISMA_UP	NonStatic	Min	-80.810	0.000	0.000	0.0000	0.0000
33	SLE	NonStatic	Max	0.000	0.000	194.270	0.0000	0.0000
33	SLE	NonStatic	Min	-57.677	0.000	0.000	0.0000	0.0000
33	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	217.190	0.0000	0.0000
33	SLE_SISMA_DOWN	NonStatic	Min	-64.519	0.000	0.000	0.0000	0.0000
33	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	200.498	0.0000	0.0000
33	SLE_SISMA_UP	NonStatic	Min	-59.565	0.000	0.000	0.0000	0.0000
33	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	250.917	0.0000	0.0000
33	SLU_SISMA_DOWN	NonStatic	Min	-74.592	0.000	0.000	0.0000	0.0000
33	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	210.353	0.0000	0.0000
33	SLU_SISMA_UP	NonStatic	Min	-62.548	0.000	0.000	0.0000	0.0000
34	SLE	NonStatic	Max	0.000	0.000	196.460	0.0000	0.0000
34	SLE	NonStatic	Min	-43.201	0.000	0.000	0.0000	0.0000
34	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	216.076	0.0000	0.0000
34	SLE_SISMA_DOWN	NonStatic	Min	-47.550	0.000	0.000	0.0000	0.0000
34	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	199.277	0.0000	0.0000
34	SLE_SISMA_UP	NonStatic	Min	-43.857	0.000	0.000	0.0000	0.0000
34	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	245.542	0.0000	0.0000
34	SLU_SISMA_DOWN	NonStatic	Min	-54.086	0.000	0.000	0.0000	0.0000
34	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	204.967	0.0000	0.0000
34	SLU_SISMA_UP	NonStatic	Min	-45.163	0.000	0.000	0.0000	0.0000
35	SLE	NonStatic	Max	0.000	0.000	197.638	0.0000	0.0000
35	SLE	NonStatic	Min	-28.719	0.000	0.000	0.0000	0.0000
35	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	213.812	0.0000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Reactions, Part 1 of 2

Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m
35	SLE_SISMA_DOWN	NonStatic	Min	-31.103	0.000	0.000	0.0000	0.0000
35	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	196.964	0.0000	0.0000
35	SLE_SISMA_UP	NonStatic	Min	-28.656	0.000	0.000	0.0000	0.0000
35	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	238.692	0.0000	0.0000
35	SLU_SISMA_DOWN	NonStatic	Min	-34.774	0.000	0.000	0.0000	0.0000
35	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	198.248	0.0000	0.0000
35	SLU_SISMA_UP	NonStatic	Min	-28.896	0.000	0.000	0.0000	0.0000
36	SLE	NonStatic	Max	0.000	0.000	198.184	0.0000	0.0000
36	SLE	NonStatic	Min	-14.324	0.000	0.000	0.0000	0.0000
36	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	210.823	0.0000	0.0000
36	SLE_SISMA_DOWN	NonStatic	Min	-15.271	0.000	0.000	0.0000	0.0000
36	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	193.944	0.0000	0.0000
36	SLE_SISMA_UP	NonStatic	Min	-14.052	0.000	0.000	0.0000	0.0000
36	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	230.831	0.0000	0.0000
36	SLU_SISMA_DOWN	NonStatic	Min	-16.771	0.000	0.000	0.0000	0.0000
36	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	190.558	0.0000	0.0000
36	SLU_SISMA_UP	NonStatic	Min	-13.859	0.000	0.000	0.0000	0.0000
37	SLE	NonStatic	Max	9.326E-14	0.000	198.339	0.0000	0.0000
37	SLE	NonStatic	Min	-3.053E-15	0.000	0.000	0.0000	0.0000
37	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	207.381	0.0000	0.0000
37	SLE_SISMA_DOWN	NonStatic	Min	-0.033	0.000	0.000	0.0000	0.0000
37	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	190.462	0.0000	0.0000
37	SLE_SISMA_UP	NonStatic	Min	-0.035	0.000	0.000	0.0000	0.0000
37	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	222.258	0.0000	0.0000
37	SLU_SISMA_DOWN	NonStatic	Min	-0.087	0.000	0.000	0.0000	0.0000
37	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	182.133	0.0000	0.0000
37	SLU_SISMA_UP	NonStatic	Min	-0.086	0.000	0.000	0.0000	0.0000
38	SLE	NonStatic	Max	14.324	0.000	198.184	0.0000	0.0000
38	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
38	SLE_SISMA_DOWN	NonStatic	Max	14.681	0.000	203.587	0.0000	0.0000
38	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
38	SLE_SISMA_UP	NonStatic	Max	13.452	0.000	186.610	0.0000	0.0000
38	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
38	SLU_SISMA_DOWN	NonStatic	Max	15.314	0.000	213.102	0.0000	0.0000
38	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Reactions, Part 1 of 2

Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m
38	SLU_SISMA_UP	NonStatic	Max	12.423	0.000	173.081	0.0000	0.0000
38	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
39	SLE	NonStatic	Max	28.719	0.000	197.638	0.0000	0.0000
39	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
39	SLE_SISMA_DOWN	NonStatic	Max	28.937	0.000	199.376	0.0000	0.0000
39	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
39	SLE_SISMA_UP	NonStatic	Max	26.459	0.000	182.332	0.0000	0.0000
39	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
39	SLU_SISMA_DOWN	NonStatic	Max	29.456	0.000	203.333	0.0000	0.0000
39	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
39	SLU_SISMA_UP	NonStatic	Max	23.654	0.000	163.395	0.0000	0.0000
39	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
40	SLE	NonStatic	Max	43.201	0.000	196.460	0.0000	0.0000
40	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
40	SLE_SISMA_DOWN	NonStatic	Max	42.739	0.000	194.523	0.0000	0.0000
40	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
40	SLE_SISMA_UP	NonStatic	Max	38.979	0.000	177.433	0.0000	0.0000
40	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
40	SLU_SISMA_DOWN	NonStatic	Max	42.298	0.000	192.780	0.0000	0.0000
40	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
40	SLU_SISMA_UP	NonStatic	Max	33.545	0.000	152.971	0.0000	0.0000
40	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
41	SLE	NonStatic	Max	57.677	0.000	194.270	0.0000	0.0000
41	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
41	SLE_SISMA_DOWN	NonStatic	Max	55.978	0.000	188.674	0.0000	0.0000
41	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
41	SLE_SISMA_UP	NonStatic	Max	50.907	0.000	171.601	0.0000	0.0000
41	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
41	SLU_SISMA_DOWN	NonStatic	Max	53.689	0.000	181.170	0.0000	0.0000
41	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
41	SLU_SISMA_UP	NonStatic	Max	41.952	0.000	141.634	0.0000	0.0000
41	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
42	SLE	NonStatic	Max	71.898	0.000	190.578	0.0000	0.0000
42	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
42	SLE_SISMA_DOWN	NonStatic	Max	68.387	0.000	181.380	0.0000	0.0000
42	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Reactions, Part 1 of 2

Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m
42	SLE_SISMA_UP	NonStatic	Max	61.996	0.000	164.443	0.0000	0.0000
42	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
42	SLU_SISMA_DOWN	NonStatic	Max	63.335	0.000	168.161	0.0000	0.0000
42	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
42	SLU_SISMA_UP	NonStatic	Max	48.629	0.000	129.177	0.0000	0.0000
42	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
43	SLE	NonStatic	Max	40.035	0.000	206.023	0.0000	0.0000
43	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
43	SLE_SISMA_DOWN	NonStatic	Max	37.498	0.000	198.792	0.0000	0.0000
43	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
43	SLE_SISMA_UP	NonStatic	Max	33.909	0.000	180.585	0.0000	0.0000
43	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
43	SLU_SISMA_DOWN	NonStatic	Max	33.779	0.000	189.048	0.0000	0.0000
43	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
43	SLU_SISMA_UP	NonStatic	Max	25.542	0.000	146.542	0.0000	0.0000
43	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
44	SLE	NonStatic	Max	0.000	0.000	225.988	0.0000	0.0000
44	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
44	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	221.074	0.0000	0.0000
44	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
44	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	201.237	0.0000	0.0000
44	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
44	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	215.536	0.0000	0.0000
44	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
44	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	168.581	0.0000	0.0000
44	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000

Table: Joint Reactions, Part 2 of 2

Table: Joint Reactions, Part 2 of 2

Joint	OutputCase	StepType	M3 KN-m
1	SLE	Max	0.0000
1	SLE	Min	0.0000
1	SLE_SISMA_DOWN	Max	0.0000
1	SLE_SISMA_DOWN	Min	0.0000
1	SLE_SISMA_UP	Max	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Reactions, Part 2 of 2

Joint	OutputCase	StepType	M3 KN-m
1	SLE_SISMA _UP	Min	0.0000
1	SLU_SISMA _DOWN	Max	0.0000
1	SLU_SISMA _DOWN	Min	0.0000
1	SLU_SISMA _UP	Max	0.0000
1	SLU_SISMA _UP	Min	0.0000
2	SLE	Max	0.0000
2	SLE	Min	0.0000
2	SLE_SISMA _DOWN	Max	0.0000
2	SLE_SISMA _DOWN	Min	0.0000
2	SLE_SISMA _UP	Max	0.0000
2	SLE_SISMA _UP	Min	0.0000
2	SLU_SISMA _DOWN	Max	0.0000
2	SLU_SISMA _DOWN	Min	0.0000
2	SLU_SISMA _UP	Max	0.0000
2	SLU_SISMA _UP	Min	0.0000
3	SLE	Max	0.0000
3	SLE	Min	0.0000
3	SLE_SISMA _DOWN	Max	0.0000
3	SLE_SISMA _DOWN	Min	0.0000
3	SLE_SISMA _UP	Max	0.0000
3	SLE_SISMA _UP	Min	0.0000
3	SLU_SISMA _DOWN	Max	0.0000
3	SLU_SISMA _DOWN	Min	0.0000
3	SLU_SISMA _UP	Max	0.0000
3	SLU_SISMA _UP	Min	0.0000
4	SLE	Max	0.0000
4	SLE	Min	0.0000
4	SLE_SISMA _DOWN	Max	0.0000
4	SLE_SISMA _DOWN	Min	0.0000
4	SLE_SISMA _UP	Max	0.0000
4	SLE_SISMA _UP	Min	0.0000
4	SLU_SISMA _DOWN	Max	0.0000
4	SLU_SISMA _DOWN	Min	0.0000
4	SLU_SISMA _UP	Max	0.0000
4	SLU_SISMA _UP	Min	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Reactions, Part 2 of 2

Joint	OutputCase	StepType	M3 KN-m
5	SLE	Max	0.0000
5	SLE	Min	0.0000
5	SLE_SISMA _DOWN	Max	0.0000
5	SLE_SISMA _DOWN	Min	0.0000
5	SLE_SISMA _UP	Max	0.0000
5	SLE_SISMA _UP	Min	0.0000
5	SLU_SISMA _DOWN	Max	0.0000
5	SLU_SISMA _DOWN	Min	0.0000
5	SLU_SISMA _UP	Max	0.0000
5	SLU_SISMA _UP	Min	0.0000
6	SLE	Max	0.0000
6	SLE	Min	0.0000
6	SLE_SISMA _DOWN	Max	0.0000
6	SLE_SISMA _DOWN	Min	0.0000
6	SLE_SISMA _UP	Max	0.0000
6	SLE_SISMA _UP	Min	0.0000
6	SLU_SISMA _DOWN	Max	0.0000
6	SLU_SISMA _DOWN	Min	0.0000
6	SLU_SISMA _UP	Max	0.0000
6	SLU_SISMA _UP	Min	0.0000
7	SLE	Max	0.0000
7	SLE	Min	0.0000
7	SLE_SISMA _DOWN	Max	0.0000
7	SLE_SISMA _DOWN	Min	0.0000
7	SLE_SISMA _UP	Max	0.0000
7	SLE_SISMA _UP	Min	0.0000
7	SLU_SISMA _DOWN	Max	0.0000
7	SLU_SISMA _DOWN	Min	0.0000
7	SLU_SISMA _UP	Max	0.0000
7	SLU_SISMA _UP	Min	0.0000
8	SLE	Max	0.0000
8	SLE	Min	0.0000
8	SLE_SISMA _DOWN	Max	0.0000
8	SLE_SISMA _DOWN	Min	0.0000
8	SLE_SISMA _UP	Max	0.0000
8	SLE_SISMA _UP	Min	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Reactions, Part 2 of 2

Joint	OutputCase	StepType	M3 KN-m
8	SLU_SISMA _DOWN	Max	0.0000
8	SLU_SISMA _DOWN	Min	0.0000
8	SLU_SISMA _UP	Max	0.0000
8	SLU_SISMA _UP	Min	0.0000
9	SLE	Max	0.0000
9	SLE	Min	0.0000
9	SLE_SISMA _DOWN	Max	0.0000
9	SLE_SISMA _DOWN	Min	0.0000
9	SLE_SISMA _UP	Max	0.0000
9	SLE_SISMA _UP	Min	0.0000
9	SLU_SISMA _DOWN	Max	0.0000
9	SLU_SISMA _DOWN	Min	0.0000
9	SLU_SISMA _UP	Max	0.0000
9	SLU_SISMA _UP	Min	0.0000
10	SLE	Max	0.0000
10	SLE	Min	0.0000
10	SLE_SISMA _DOWN	Max	0.0000
10	SLE_SISMA _DOWN	Min	0.0000
10	SLE_SISMA _UP	Max	0.0000
10	SLE_SISMA _UP	Min	0.0000
10	SLU_SISMA _DOWN	Max	0.0000
10	SLU_SISMA _DOWN	Min	0.0000
10	SLU_SISMA _UP	Max	0.0000
10	SLU_SISMA _UP	Min	0.0000
11	SLE	Max	0.0000
11	SLE	Min	0.0000
11	SLE_SISMA _DOWN	Max	0.0000
11	SLE_SISMA _DOWN	Min	0.0000
11	SLE_SISMA _UP	Max	0.0000
11	SLE_SISMA _UP	Min	0.0000
11	SLU_SISMA _DOWN	Max	0.0000
11	SLU_SISMA _DOWN	Min	0.0000
11	SLU_SISMA _UP	Max	0.0000
11	SLU_SISMA _UP	Min	0.0000
12	SLE	Max	0.0000
12	SLE	Min	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Reactions, Part 2 of 2

Joint	OutputCase	StepType	M3 KN-m
12	SLE_SISMA _DOWN	Max	0.0000
12	SLE_SISMA _DOWN	Min	0.0000
12	SLE_SISMA _UP	Max	0.0000
12	SLE_SISMA _UP	Min	0.0000
12	SLU_SISMA _DOWN	Max	0.0000
12	SLU_SISMA _DOWN	Min	0.0000
12	SLU_SISMA _UP	Max	0.0000
12	SLU_SISMA _UP	Min	0.0000
13	SLE	Max	0.0000
13	SLE	Min	0.0000
13	SLE_SISMA _DOWN	Max	0.0000
13	SLE_SISMA _DOWN	Min	0.0000
13	SLE_SISMA _UP	Max	0.0000
13	SLE_SISMA _UP	Min	0.0000
13	SLU_SISMA _DOWN	Max	0.0000
13	SLU_SISMA _DOWN	Min	0.0000
13	SLU_SISMA _UP	Max	0.0000
13	SLU_SISMA _UP	Min	0.0000
14	SLE	Max	0.0000
14	SLE	Min	0.0000
14	SLE_SISMA _DOWN	Max	0.0000
14	SLE_SISMA _DOWN	Min	0.0000
14	SLE_SISMA _UP	Max	0.0000
14	SLE_SISMA _UP	Min	0.0000
14	SLU_SISMA _DOWN	Max	0.0000
14	SLU_SISMA _DOWN	Min	0.0000
14	SLU_SISMA _UP	Max	0.0000
14	SLU_SISMA _UP	Min	0.0000
15	SLE	Max	0.0000
15	SLE	Min	0.0000
15	SLE_SISMA _DOWN	Max	0.0000
15	SLE_SISMA _DOWN	Min	0.0000
15	SLE_SISMA _UP	Max	0.0000
15	SLE_SISMA _UP	Min	0.0000
15	SLU_SISMA _DOWN	Max	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Reactions, Part 2 of 2

Joint	OutputCase	StepType	M3 KN-m
15	SLU_SISMA _DOWN	Min	0.0000
15	SLU_SISMA _UP	Max	0.0000
15	SLU_SISMA _UP	Min	0.0000
16	SLE	Max	0.0000
16	SLE	Min	0.0000
16	SLE_SISMA _DOWN	Max	0.0000
16	SLE_SISMA _DOWN	Min	0.0000
16	SLE_SISMA _UP	Max	0.0000
16	SLE_SISMA _UP	Min	0.0000
16	SLU_SISMA _DOWN	Max	0.0000
16	SLU_SISMA _DOWN	Min	0.0000
16	SLU_SISMA _UP	Max	0.0000
16	SLU_SISMA _UP	Min	0.0000
17	SLE	Max	0.0000
17	SLE	Min	0.0000
17	SLE_SISMA _DOWN	Max	0.0000
17	SLE_SISMA _DOWN	Min	0.0000
17	SLE_SISMA _UP	Max	0.0000
17	SLE_SISMA _UP	Min	0.0000
17	SLU_SISMA _DOWN	Max	0.0000
17	SLU_SISMA _DOWN	Min	0.0000
17	SLU_SISMA _UP	Max	0.0000
17	SLU_SISMA _UP	Min	0.0000
18	SLE	Max	0.0000
18	SLE	Min	0.0000
18	SLE_SISMA _DOWN	Max	0.0000
18	SLE_SISMA _DOWN	Min	0.0000
18	SLE_SISMA _UP	Max	0.0000
18	SLE_SISMA _UP	Min	0.0000
18	SLU_SISMA _DOWN	Max	0.0000
18	SLU_SISMA _DOWN	Min	0.0000
18	SLU_SISMA _UP	Max	0.0000
18	SLU_SISMA _UP	Min	0.0000
19	SLE	Max	0.0000
19	SLE	Min	0.0000
19	SLE_SISMA _DOWN	Max	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Reactions, Part 2 of 2

Joint	OutputCase	StepType	M3 KN-m
19	SLE_SISMA _DOWN	Min	0.0000
19	SLE_SISMA _UP	Max	0.0000
19	SLE_SISMA _UP	Min	0.0000
19	SLU_SISMA _DOWN	Max	0.0000
19	SLU_SISMA _DOWN	Min	0.0000
19	SLU_SISMA _UP	Max	0.0000
19	SLU_SISMA _UP	Min	0.0000
20	SLE	Max	0.0000
20	SLE	Min	0.0000
20	SLE_SISMA _DOWN	Max	0.0000
20	SLE_SISMA _DOWN	Min	0.0000
20	SLE_SISMA _UP	Max	0.0000
20	SLE_SISMA _UP	Min	0.0000
20	SLU_SISMA _DOWN	Max	0.0000
20	SLU_SISMA _DOWN	Min	0.0000
20	SLU_SISMA _UP	Max	0.0000
20	SLU_SISMA _UP	Min	0.0000
21	SLE	Max	0.0000
21	SLE	Min	0.0000
21	SLE_SISMA _DOWN	Max	0.0000
21	SLE_SISMA _DOWN	Min	0.0000
21	SLE_SISMA _UP	Max	0.0000
21	SLE_SISMA _UP	Min	0.0000
21	SLU_SISMA _DOWN	Max	0.0000
21	SLU_SISMA _DOWN	Min	0.0000
21	SLU_SISMA _UP	Max	0.0000
21	SLU_SISMA _UP	Min	0.0000
22	SLE	Max	0.0000
22	SLE	Min	0.0000
22	SLE_SISMA _DOWN	Max	0.0000
22	SLE_SISMA _DOWN	Min	0.0000
22	SLE_SISMA _UP	Max	0.0000
22	SLE_SISMA _UP	Min	0.0000
22	SLU_SISMA _DOWN	Max	0.0000
22	SLU_SISMA _DOWN	Min	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Reactions, Part 2 of 2

Joint	OutputCase	StepType	M3 KN-m
22	SLU_SISMA _UP	Max	0.0000
22	SLU_SISMA _UP	Min	0.0000
23	SLE	Max	0.0000
23	SLE	Min	0.0000
23	SLE_SISMA _DOWN	Max	0.0000
23	SLE_SISMA _DOWN	Min	0.0000
23	SLE_SISMA _UP	Max	0.0000
23	SLE_SISMA _UP	Min	0.0000
23	SLU_SISMA _DOWN	Max	0.0000
23	SLU_SISMA _DOWN	Min	0.0000
23	SLU_SISMA _UP	Max	0.0000
23	SLU_SISMA _UP	Min	0.0000
24	SLE	Max	0.0000
24	SLE	Min	0.0000
24	SLE_SISMA _DOWN	Max	0.0000
24	SLE_SISMA _DOWN	Min	0.0000
24	SLE_SISMA _UP	Max	0.0000
24	SLE_SISMA _UP	Min	0.0000
24	SLU_SISMA _DOWN	Max	0.0000
24	SLU_SISMA _DOWN	Min	0.0000
24	SLU_SISMA _UP	Max	0.0000
24	SLU_SISMA _UP	Min	0.0000
25	SLE	Max	0.0000
25	SLE	Min	0.0000
25	SLE_SISMA _DOWN	Max	0.0000
25	SLE_SISMA _DOWN	Min	0.0000
25	SLE_SISMA _UP	Max	0.0000
25	SLE_SISMA _UP	Min	0.0000
25	SLU_SISMA _DOWN	Max	0.0000
25	SLU_SISMA _DOWN	Min	0.0000
25	SLU_SISMA _UP	Max	0.0000
25	SLU_SISMA _UP	Min	0.0000
26	SLE	Max	0.0000
26	SLE	Min	0.0000
26	SLE_SISMA _DOWN	Max	0.0000
26	SLE_SISMA _DOWN	Min	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Reactions, Part 2 of 2

Joint	OutputCase	StepType	M3 KN-m
26	SLE_SISMA _UP	Max	0.0000
26	SLE_SISMA _UP	Min	0.0000
26	SLU_SISMA _DOWN	Max	0.0000
26	SLU_SISMA _DOWN	Min	0.0000
26	SLU_SISMA _UP	Max	0.0000
26	SLU_SISMA _UP	Min	0.0000
27	SLE	Max	0.0000
27	SLE	Min	0.0000
27	SLE_SISMA _DOWN	Max	0.0000
27	SLE_SISMA _DOWN	Min	0.0000
27	SLE_SISMA _UP	Max	0.0000
27	SLE_SISMA _UP	Min	0.0000
27	SLU_SISMA _DOWN	Max	0.0000
27	SLU_SISMA _DOWN	Min	0.0000
27	SLU_SISMA _UP	Max	0.0000
27	SLU_SISMA _UP	Min	0.0000
28	SLE	Max	0.0000
28	SLE	Min	0.0000
28	SLE_SISMA _DOWN	Max	0.0000
28	SLE_SISMA _DOWN	Min	0.0000
28	SLE_SISMA _UP	Max	0.0000
28	SLE_SISMA _UP	Min	0.0000
28	SLU_SISMA _DOWN	Max	0.0000
28	SLU_SISMA _DOWN	Min	0.0000
28	SLU_SISMA _UP	Max	0.0000
28	SLU_SISMA _UP	Min	0.0000
29	SLE	Max	0.0000
29	SLE	Min	0.0000
29	SLE_SISMA _DOWN	Max	0.0000
29	SLE_SISMA _DOWN	Min	0.0000
29	SLE_SISMA _UP	Max	0.0000
29	SLE_SISMA _UP	Min	0.0000
29	SLU_SISMA _DOWN	Max	0.0000
29	SLU_SISMA _DOWN	Min	0.0000
29	SLU_SISMA _UP	Max	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Reactions, Part 2 of 2

Joint	OutputCase	StepType	M3 KN-m
29	SLU_SISMA _UP	Min	0.0000
30	SLE	Max	0.0000
30	SLE	Min	0.0000
30	SLE_SISMA _DOWN	Max	0.0000
30	SLE_SISMA _DOWN	Min	0.0000
30	SLE_SISMA _UP	Max	0.0000
30	SLE_SISMA _UP	Min	0.0000
30	SLU_SISMA _DOWN	Max	0.0000
30	SLU_SISMA _DOWN	Min	0.0000
30	SLU_SISMA _UP	Max	0.0000
30	SLU_SISMA _UP	Min	0.0000
31	SLE	Max	0.0000
31	SLE	Min	0.0000
31	SLE_SISMA _DOWN	Max	0.0000
31	SLE_SISMA _DOWN	Min	0.0000
31	SLE_SISMA _UP	Max	0.0000
31	SLE_SISMA _UP	Min	0.0000
31	SLU_SISMA _DOWN	Max	0.0000
31	SLU_SISMA _DOWN	Min	0.0000
31	SLU_SISMA _UP	Max	0.0000
31	SLU_SISMA _UP	Min	0.0000
32	SLE	Max	0.0000
32	SLE	Min	0.0000
32	SLE_SISMA _DOWN	Max	0.0000
32	SLE_SISMA _DOWN	Min	0.0000
32	SLE_SISMA _UP	Max	0.0000
32	SLE_SISMA _UP	Min	0.0000
32	SLU_SISMA _DOWN	Max	0.0000
32	SLU_SISMA _DOWN	Min	0.0000
32	SLU_SISMA _UP	Max	0.0000
32	SLU_SISMA _UP	Min	0.0000
33	SLE	Max	0.0000
33	SLE	Min	0.0000
33	SLE_SISMA _DOWN	Max	0.0000
33	SLE_SISMA _DOWN	Min	0.0000
33	SLE_SISMA _UP	Max	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Reactions, Part 2 of 2

Joint	OutputCase	StepType	M3 KN-m
33	SLE_SISMA _UP	Min	0.0000
33	SLU_SISMA _DOWN	Max	0.0000
33	SLU_SISMA _DOWN	Min	0.0000
33	SLU_SISMA _UP	Max	0.0000
33	SLU_SISMA _UP	Min	0.0000
34	SLE	Max	0.0000
34	SLE	Min	0.0000
34	SLE_SISMA _DOWN	Max	0.0000
34	SLE_SISMA _DOWN	Min	0.0000
34	SLE_SISMA _UP	Max	0.0000
34	SLE_SISMA _UP	Min	0.0000
34	SLU_SISMA _DOWN	Max	0.0000
34	SLU_SISMA _DOWN	Min	0.0000
34	SLU_SISMA _UP	Max	0.0000
34	SLU_SISMA _UP	Min	0.0000
35	SLE	Max	0.0000
35	SLE	Min	0.0000
35	SLE_SISMA _DOWN	Max	0.0000
35	SLE_SISMA _DOWN	Min	0.0000
35	SLE_SISMA _UP	Max	0.0000
35	SLE_SISMA _UP	Min	0.0000
35	SLU_SISMA _DOWN	Max	0.0000
35	SLU_SISMA _DOWN	Min	0.0000
35	SLU_SISMA _UP	Max	0.0000
35	SLU_SISMA _UP	Min	0.0000
36	SLE	Max	0.0000
36	SLE	Min	0.0000
36	SLE_SISMA _DOWN	Max	0.0000
36	SLE_SISMA _DOWN	Min	0.0000
36	SLE_SISMA _UP	Max	0.0000
36	SLE_SISMA _UP	Min	0.0000
36	SLU_SISMA _DOWN	Max	0.0000
36	SLU_SISMA _DOWN	Min	0.0000
36	SLU_SISMA _UP	Max	0.0000
36	SLU_SISMA _UP	Min	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Reactions, Part 2 of 2

Joint	OutputCase	StepType	M3 KN-m
37	SLE	Max	0.0000
37	SLE	Min	0.0000
37	SLE_SISMA _DOWN	Max	0.0000
37	SLE_SISMA _DOWN	Min	0.0000
37	SLE_SISMA _UP	Max	0.0000
37	SLE_SISMA _UP	Min	0.0000
37	SLU_SISMA _DOWN	Max	0.0000
37	SLU_SISMA _DOWN	Min	0.0000
37	SLU_SISMA _UP	Max	0.0000
37	SLU_SISMA _UP	Min	0.0000
38	SLE	Max	0.0000
38	SLE	Min	0.0000
38	SLE_SISMA _DOWN	Max	0.0000
38	SLE_SISMA _DOWN	Min	0.0000
38	SLE_SISMA _UP	Max	0.0000
38	SLE_SISMA _UP	Min	0.0000
38	SLU_SISMA _DOWN	Max	0.0000
38	SLU_SISMA _DOWN	Min	0.0000
38	SLU_SISMA _UP	Max	0.0000
38	SLU_SISMA _UP	Min	0.0000
39	SLE	Max	0.0000
39	SLE	Min	0.0000
39	SLE_SISMA _DOWN	Max	0.0000
39	SLE_SISMA _DOWN	Min	0.0000
39	SLE_SISMA _UP	Max	0.0000
39	SLE_SISMA _UP	Min	0.0000
39	SLU_SISMA _DOWN	Max	0.0000
39	SLU_SISMA _DOWN	Min	0.0000
39	SLU_SISMA _UP	Max	0.0000
39	SLU_SISMA _UP	Min	0.0000
40	SLE	Max	0.0000
40	SLE	Min	0.0000
40	SLE_SISMA _DOWN	Max	0.0000
40	SLE_SISMA _DOWN	Min	0.0000
40	SLE_SISMA _UP	Max	0.0000
40	SLE_SISMA _UP	Min	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Reactions, Part 2 of 2

Joint	OutputCase	StepType	M3 KN-m
40	SLU_SISMA _DOWN	Max	0.0000
40	SLU_SISMA _DOWN	Min	0.0000
40	SLU_SISMA _UP	Max	0.0000
40	SLU_SISMA _UP	Min	0.0000
41	SLE	Max	0.0000
41	SLE	Min	0.0000
41	SLE_SISMA _DOWN	Max	0.0000
41	SLE_SISMA _DOWN	Min	0.0000
41	SLE_SISMA _UP	Max	0.0000
41	SLE_SISMA _UP	Min	0.0000
41	SLU_SISMA _DOWN	Max	0.0000
41	SLU_SISMA _DOWN	Min	0.0000
41	SLU_SISMA _UP	Max	0.0000
41	SLU_SISMA _UP	Min	0.0000
42	SLE	Max	0.0000
42	SLE	Min	0.0000
42	SLE_SISMA _DOWN	Max	0.0000
42	SLE_SISMA _DOWN	Min	0.0000
42	SLE_SISMA _UP	Max	0.0000
42	SLE_SISMA _UP	Min	0.0000
42	SLU_SISMA _DOWN	Max	0.0000
42	SLU_SISMA _DOWN	Min	0.0000
42	SLU_SISMA _UP	Max	0.0000
42	SLU_SISMA _UP	Min	0.0000
43	SLE	Max	0.0000
43	SLE	Min	0.0000
43	SLE_SISMA _DOWN	Max	0.0000
43	SLE_SISMA _DOWN	Min	0.0000
43	SLE_SISMA _UP	Max	0.0000
43	SLE_SISMA _UP	Min	0.0000
43	SLU_SISMA _DOWN	Max	0.0000
43	SLU_SISMA _DOWN	Min	0.0000
43	SLU_SISMA _UP	Max	0.0000
43	SLU_SISMA _UP	Min	0.0000
44	SLE	Max	0.0000
44	SLE	Min	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Reactions, Part 2 of 2

Joint	OutputCase	StepType	M3 KN-m
44	SLE_SISMA _DOWN	Max	0.0000
44	SLE_SISMA _DOWN	Min	0.0000
44	SLE_SISMA _UP	Max	0.0000
44	SLE_SISMA _UP	Min	0.0000
44	SLU_SISMA _DOWN	Max	0.0000
44	SLU_SISMA _DOWN	Min	0.0000
44	SLU_SISMA _UP	Max	0.0000
44	SLU_SISMA _UP	Min	0.0000

Table: Load Case Definitions, Part 1 of 2

Table: Load Case Definitions, Part 1 of 2

Case	Type	InitialCond	ModalCase	BaseCase	DesTypeOpt	DesignType	AutoType
SLE	NonStatic	Zero			Prog Det	DEAD	None
SLE_SISMA _DOWN	NonStatic	Zero			Prog Det	DEAD	None
SLE_SISMA _UP	NonStatic	Zero			Prog Det	DEAD	None
SLU_SISMA _DOWN	NonStatic	Zero			Prog Det	DEAD	None
SLU_SISMA _UP	NonStatic	Zero			Prog Det	DEAD	None

Table: Load Case Definitions, Part 2 of 2

Table: Load Case Definitions, Part 2 of 2

Case	RunCase	CaseStatus	GUID	Notes
SLE	Yes	Finished		
SLE_SISMA _DOWN	Yes	Finished		
SLE_SISMA _UP	Yes	Finished		
SLU_SISMA _DOWN	Yes	Finished		
SLU_SISMA _UP	Yes	Finished		

Table: Load Pattern Definitions

Table: Load Pattern Definitions

LoadPat	DesignType	SelfWtMult	AutoLoad	GUID	Notes
DEAD	DEAD	1.000000			
PV_SLE	DEAD	0.000000			
PHSX_SLE	DEAD	0.000000			
PHDX_SLE	DEAD	0.000000			
PV_SLE_SISMA_DO WN	DEAD	0.000000			
PHSX_SLE_SISMA	DEAD	0.000000			

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Load Pattern Definitions

LoadPat	DesignType	SelfWtMult	AutoLoad	GUID	Notes
PHDX_SLE_SISMA	DEAD	0.000000			
PV_SLE_SISMA_UP	DEAD	0.000000			
DEAD_SLE_SISMA_DOWN	DEAD	1.056000			
DEAD_SLE_SISMA_UP	DEAD	0.944000			
DEAD_SLU_SISMA_DOWN	DEAD	1.131000			
DEAD_SLU_SISMA_UP	DEAD	0.869000			
PV_SLU_SISMA_DOWN	DEAD	0.000000			
PV_SLU_SISMA_UP	DEAD	0.000000			
PHSX_SLU_SISMA	DEAD	0.000000			
PHDX_SLU_SISMA	DEAD	0.000000			

Table: Masses 1 - Mass Source

Table:
 Masses 1 -
 Mass
 Source

MassFrom
Elements

Table: Material List 1 - By Object Type

Table: Material List 1 - By Object Type

ObjectType	Material	TotalWeight KN	NumPieces
Frame	CONC Rck 30 MPa	838.968	46

Table: Material List 2 - By Section Property

Table: Material List 2 - By Section Property

Section	ObjectType	NumPieces	TotalLength m	TotalWeight KN
100	Frame	18	18.57299	464.325
120	Frame	6	6.63764	199.129
120_123	Frame	1	1.10627	0.000
120_126	Frame	1	0.84789	26.073
120_129	Frame	1	1.10627	0.000
123_120	Frame	1	1.10627	0.000
123_146	Frame	1	1.10627	0.000
126_120	Frame	1	0.84789	26.073
126_142	Frame	1	0.84789	28.404
129_120	Frame	1	1.10627	0.000
129_162	Frame	1	1.10627	0.000
142_126	Frame	1	0.84789	28.404
142_172	Frame	1	0.84789	33.280
146_123	Frame	1	1.10627	0.000
146_191	Frame	1	1.10627	0.000
162_129	Frame	1	1.10627	0.000
162_218	Frame	1	1.10627	0.000
172_142	Frame	1	0.84789	33.280
172_228	Frame	1	1.02176	0.000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Material List 2 - By Section Property

Section	ObjectType	NumPieces	TotalLength m	TotalWeight KN
191_146	Frame	1	1.10627	0.000
191_218	Frame	1	1.10627	0.000
218_162	Frame	1	1.10627	0.000
218_191	Frame	1	1.10627	0.000
228_172	Frame	1	1.02176	0.000

Table: Material Properties 01 - General, Part 1 of 2

Table: Material Properties 01 - General, Part 1 of 2

Material	Type	SymType	TempDepen d	Color	GUID
4000Psi	Concrete	Isotropic	No	White	
A615Gr60	Rebar	Uniaxial	No	White	
A992Fy50	Steel	Isotropic	No	Yellow	
CONC Rck 30 MPa	Concrete	Isotropic	No	Blue	

Table: Material Properties 01 - General, Part 2 of 2

Table: Material Properties 01 - General, Part 2 of 2

Material	Notes
4000Psi	Normalweight f'c = 4 ksi added 27/10/2008 10.39.32
A615Gr60	ASTM A615 Grade 60 added 27/10/2008 11.23.34
A992Fy50	ASTM A992 Fy=50 ksi added 27/10/2008 10.39.32
CONC Rck 30 MPa	ASTM A36 added 27/10/2008 11.17.40

Table: Material Properties 02 - Basic Mechanical Properties

Table: Material Properties 02 - Basic Mechanical Properties

Material	UnitWeight KN/m3	UnitMass KN-s2/m4	E1 KN/m2	G12 KN/m2	U12	A1 1/C
4000Psi	2.3563E+01	2.4028E+00	24855578.28	10356490.95	0.200000	9.9000E-06
A615Gr60	7.6973E+01	7.8490E+00	199947978.8			1.1700E-05
A992Fy50	7.6973E+01	7.8490E+00	199947978.8	76903068.77	0.300000	1.1700E-05
CONC Rck 30 MPa	2.5000E+01	2.5493E+00	31447000.00	13102916.67	0.200000	5.5000E-06

Table: Material Properties 03a - Steel Data, Part 1 of 2

Table: Material Properties 03a - Steel Data, Part 1 of 2

Material	Fy KN/m2	Fu KN/m2	EffFy KN/m2	EffFu KN/m2	SSCurveOpt	SSHysType	SHard	SMax
A992Fy50	344737.89	448159.26	379211.68	492975.19	Simple	Kinematic	0.015000	0.110000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Material Properties 03a - Steel Data, Part 2 of 2

Table: Material Properties 03a - Steel
Data, Part 2 of 2

Material	SRup	FinalSlope
A992Fy50	0.170000	-0.100000

Table: Material Properties 03b - Concrete Data, Part 1 of 2

Table: Material Properties 03b - Concrete Data, Part 1 of 2

Material	Fc KN/m2	LtWtConc	SSCurveOpt	SSHysType	SFc	SCap	FinalSlope	FAngle Degrees
4000Psi	27579.03	No	Mander	Takeda	0.002000	0.005000	-0.100000	0.000
CONC Rck 30 MPa	24900.00	No	Mander	Takeda	0.002000	0.005000	-0.100000	0.000

Table: Material Properties 03b - Concrete Data, Part 2 of 2

Table: Material Properties
03b - Concrete Data, Part 2
of 2

Material	DAngle Degrees
4000Psi	0.000
CONC Rck 30 MPa	0.000

Table: Material Properties 03e - Rebar Data, Part 1 of 2

Table: Material Properties 03e - Rebar Data, Part 1 of 2

Material	Fy KN/m2	Fu KN/m2	EffFy KN/m2	EffFu KN/m2	SSCurveOpt	SSHysType	SHard	SCap
A615Gr60	413685.47	620528.21	455054.02	682581.03	Simple	Kinematic	0.010000	0.090000

Table: Material Properties 03e - Rebar Data, Part 2 of 2

Table: Material Properties 03e - Rebar
Data, Part 2 of 2

Material	FinalSlope	UseCTDef
A615Gr60	-0.100000	No

Table: Material Properties 06 - Damping Parameters

Table: Material Properties 06 - Damping Parameters

Material	ModalRatio	VisMass 1/Sec	VisStiff Sec	HysMass 1/Sec2	HysStiff
4000Psi	0.0000	0.0000	0.0000	0.0000	0.000000
A615Gr60	0.0000	0.0000	0.0000	0.0000	0.000000
A992Fy50	0.0000	0.0000	0.0000	0.0000	0.000000
CONC Rck 30 MPa	0.0000	0.0000	0.0000	0.0000	0.000000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Objects And Elements - Frames

Table: Objects And Elements - Frames

FrameElem	FrameObjec t	ElemJtl	ElemJtJ
1-1	1	1	2
2-1	2	2	3
3-1	3	3	4
4-1	4	4	5
5-1	5	5	6
6-1	6	6	7
7-1	7	7	8
8-1	8	8	9
9-1	9	9	10
10-1	10	10	11
11-1	11	11	12
12-1	12	12	13
13-1	13	13	14
14-1	14	14	15
15-1	15	15	16
16-1	16	16	17
17-1	17	17	18
18-1	18	18	19
19-1	19	19	20
20-1	20	20	21
21-1	21	21	22
22-1	22	22	23
23-1	23	23	24
24-1	24	24	25
25-1	25	25	26
26-1	26	26	27
27-1	27	27	28
28-1	28	28	29
29-1	29	29	30
30-1	30	30	31
31-1	31	31	32
32-1	32	32	33
33-1	33	33	34
34-1	34	34	35
35-1	35	35	36
36-1	36	36	37
37-1	37	37	38
38-1	38	38	39
39-1	39	39	40
40-1	40	40	41
41-1	41	41	42
42-1	42	42	43
43-1	43	43	44
44-1	44	44	1
45-1	45	2	43
46-1	46	31	28

Table: Objects And Elements - Joints

Table: Objects And Elements - Joints

JointElem	JointObject	GlobalX m	GlobalY m	GlobalZ m
1	1	19.39655	0.00000	13.71779
2	2	19.39655	0.00000	14.73955
3	3	19.39655	0.00000	15.58745

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Objects And Elements - Joints

JointElem	JointObject	GlobalX m	GlobalY m	GlobalZ m
4	4	19.39655	0.00000	16.43534
5	5	19.39655	0.00000	17.28324
6	6	19.48334	0.00000	18.38610
7	7	19.74160	0.00000	19.46181
8	8	20.16495	0.00000	20.48387
9	9	20.74298	0.00000	21.42712
10	10	21.46144	0.00000	22.26834
11	11	22.30266	0.00000	22.98681
12	12	23.24591	0.00000	23.56483
13	13	24.26798	0.00000	23.98819
14	14	25.34368	0.00000	24.24644
15	15	26.44655	0.00000	24.33324
16	16	27.54941	0.00000	24.24644
17	17	28.62512	0.00000	23.98819
18	18	29.64718	0.00000	23.56483
19	19	30.59043	0.00000	22.98681
20	20	31.43165	0.00000	22.26834
21	21	32.15012	0.00000	21.42712
22	22	32.72814	0.00000	20.48387
23	23	33.15150	0.00000	19.46181
24	24	33.40975	0.00000	18.38610
25	25	33.49655	0.00000	17.28324
26	26	33.49655	0.00000	16.43534
27	27	33.49655	0.00000	15.58745
28	28	33.49655	0.00000	14.73955
29	29	33.49655	0.00000	13.71779
30	30	32.59666	0.00000	13.71779
31	31	31.69677	0.00000	13.71779
32	32	30.86426	0.00000	13.36841
33	33	30.00869	0.00000	13.08004
34	34	29.13455	0.00000	12.85417
35	35	28.24638	0.00000	12.69199
36	36	27.34881	0.00000	12.59434
37	37	26.44655	0.00000	12.56174
38	38	25.54428	0.00000	12.59434
39	39	24.64672	0.00000	12.69199
40	40	23.75855	0.00000	12.85417
41	41	22.88440	0.00000	13.08004
42	42	22.02884	0.00000	13.36841
43	43	21.19632	0.00000	13.71779
44	44	20.29643	0.00000	13.71779

Table: Options - Colors - Display, Part 1 of 4

Table: Options - Colors - Display, Part 1 of 4

DeviceType	Points	LinesFrame	LinesFrmExt	LinesCable	LinesTendon	SpringLinks	Restraints
Screen	Yellow	Yellow	Yellow	Green	Green	Green	Green
Printer	Gray8Dark	Black	Gray4	Black	Black	Gray8Dark	Gray8Dark
Color Printer	Black	7303023	White	Green	Green	Green	9408399

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Options - Colors - Display, Part 2 of 4

Table: Options - Colors - Display, Part 2 of 4								
Releases	Axes	Text	ShadowLines	GuideLines	Highlight	Selection	AreaFillBot	AreaFillTop
Green	Cyan	Green	Gray8Dark	Gray8Dark	Red	White	Red	16744703
Gray4	Black	Black	Gray4	Gray4	Black	Black	Gray4	Gray8Dark
Green	Cyan	Black	Gray8Dark	10461087	Red	10504778	16634568	14277119

Table: Options - Colors - Display, Part 3 of 4

Table: Options - Colors - Display, Part 3 of 4								
AreaFillSd	AreaEdge	SolidF1	SolidF2	SolidF3	SolidF4	SolidF5	SolidF6	SolidEdge
Red	DarkRed	Red	Blue	Green	Yellow	White	Cyan	DarkRed
Gray4	Black	Gray1Light	Gray2	Gray3	Gray4	Gray5	Gray6	Black
16634568	7303023	10122991	16756912	11599795	12713983	White	16777128	7303023

Table: Options - Colors - Display, Part 4 of 4

Table: Options - Colors - Display, Part 4 of 4					
Floor	Background	BGLowLeft	BGLowRight	BGUpRight	Darkness
Gray4	White	White	White	White	0.500000
Gray4	White	White	White	White	0.500000
13619151	White	White	14671839	White	0.500000

Table: Options - Colors - Output, Part 1 of 4

Table: Options - Colors - Output, Part 1 of 4							
DeviceType	Contour1	Contour2	Contour3	Contour4	Contour5	Contour6	Contour7
Screen	13107400	6553828	Red	16639	Orange	43775	54527
Printer	Black	3158064	4210752	5263440	6316128	7368816	Gray8Dark
Color Printer	13107400	6553828	Red	16639	Orange	43775	54527

Table: Options - Colors - Output, Part 2 of 4

Table: Options - Colors - Output, Part 2 of 4								
Contour8	Contour9	Contour10	Contour11	Contour12	Contour13	Contour14	Contour15	Transpare
Yellow	65408	Green	8453888	Cyan	16755200	16733440	Blue	0.500000
Gray7	Gray6	Gray5	Gray4	Gray3	Gray2	Gray1Light	White	0.000000
Yellow	65408	Green	8453888	Cyan	16755200	16733440	Blue	0.500000

Table: Options - Colors - Output, Part 3 of 4

Table: Options - Colors - Output, Part 3 of 4								
Ratio1	Ratio2	Ratio3	Ratio4	Ratio5	RatioNotD	RatioNotC	RatioVal1	RatioVal2
Cyan	Green	Yellow	Orange	Red	Gray4	Red	0.500000	0.700000
Gray2	Gray4	Gray8Dark	4210752	Black	Gray4	Black	0.500000	0.700000
Cyan	Green	Yellow	Orange	Red	Gray4	Red	0.500000	0.700000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Options - Colors - Output, Part 4 of 4

Table: Options - Colors - Output, Part 4 of 4

RatioVal3	RatioVal4	DFillPos	DFillNeg	DFillRPos	DFillRNeg
0.900000	1.000000	Yellow	Red	Blue	Cyan
0.900000	1.000000	Gray8Dark	Gray8Dark	4210752	4210752
0.900000	1.000000	Red	Red	Blue	Blue

Table: Overwrites - Concrete Design - ACI 318-05/IBC2003, Part 1 of 2

Table: Overwrites - Concrete Design - ACI 318-05/IBC2003, Part 1 of 2

Frame	DesignSect	FrameType	RLLF	XLMajor	XLMinor	XKMajor
1	Program Determined	Program Determined	0.000000	0.000000	0.000000	
2	Program Determined	Program Determined	0.000000	0.000000	0.000000	
3	Program Determined	Program Determined	0.000000	0.000000	0.000000	
4	Program Determined	Program Determined	0.000000	0.000000	0.000000	
5	Program Determined	Program Determined	0.000000	0.000000	0.000000	
6	Program Determined	Program Determined	0.000000	0.000000	0.000000	
7	Program Determined	Program Determined	0.000000	0.000000	0.000000	
8	Program Determined	Program Determined	0.000000	0.000000	0.000000	
9	Program Determined	Program Determined	0.000000	0.000000	0.000000	
10	Program Determined	Program Determined	0.000000	0.000000	0.000000	
11	Program Determined	Program Determined	0.000000	0.000000	0.000000	
12	Program Determined	Program Determined	0.000000	0.000000	0.000000	0.000000
13	Program Determined	Program Determined	0.000000	0.000000	0.000000	0.000000
14	Program Determined	Program Determined	0.000000	0.000000	0.000000	0.000000
15	Program Determined	Program Determined	0.000000	0.000000	0.000000	0.000000
16	Program Determined	Program Determined	0.000000	0.000000	0.000000	0.000000
17	Program Determined	Program Determined	0.000000	0.000000	0.000000	0.000000
18	Program Determined	Program Determined	0.000000	0.000000	0.000000	
19	Program Determined	Program Determined	0.000000	0.000000	0.000000	
20	Program Determined	Program Determined	0.000000	0.000000	0.000000	
21	Program Determined	Program Determined	0.000000	0.000000	0.000000	
22	Program Determined	Program Determined	0.000000	0.000000	0.000000	
23	Program Determined	Program Determined	0.000000	0.000000	0.000000	
24	Program Determined	Program Determined	0.000000	0.000000	0.000000	
25	Program Determined	Program Determined	0.000000	0.000000	0.000000	
26	Program Determined	Program Determined	0.000000	0.000000	0.000000	
27	Program Determined	Program Determined	0.000000	0.000000	0.000000	
28	Program Determined	Program Determined	0.000000	0.000000	0.000000	
29	Program Determined	Program Determined	0.000000	0.000000	0.000000	0.000000
30	Program Determined	Program Determined	0.000000	0.000000	0.000000	0.000000
31	Program Determined	Program Determined	0.000000	0.000000	0.000000	0.000000
32	Program Determined	Program Determined	0.000000	0.000000	0.000000	0.000000
33	Program Determined	Program Determined	0.000000	0.000000	0.000000	0.000000
34	Program Determined	Program Determined	0.000000	0.000000	0.000000	0.000000
35	Program Determined	Program Determined	0.000000	0.000000	0.000000	0.000000
36	Program Determined	Program Determined	0.000000	0.000000	0.000000	0.000000
37	Program Determined	Program Determined	0.000000	0.000000	0.000000	0.000000
38	Program Determined	Program Determined	0.000000	0.000000	0.000000	0.000000
39	Program Determined	Program Determined	0.000000	0.000000	0.000000	0.000000
40	Program Determined	Program Determined	0.000000	0.000000	0.000000	0.000000
41	Program Determined	Program Determined	0.000000	0.000000	0.000000	0.000000
42	Program Determined	Program Determined	0.000000	0.000000	0.000000	0.000000
43	Program Determined	Program Determined	0.000000	0.000000	0.000000	0.000000
44	Program Determined	Program Determined	0.000000	0.000000	0.000000	0.000000
45	Program Determined	Program Determined	0.000000	0.000000	0.000000	0.000000
46	Program Determined	Program Determined	0.000000	0.000000	0.000000	0.000000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Overwrites - Concrete Design - ACI 318-05/IBC2003, Part 2 of 2

Table: Overwrites - Concrete Design - ACI 318-05/IBC2003, Part 2 of 2							
Frame	XKMinor	CmMajor	CmMinor	DnsMajor	DnsMinor	DsMajor	DsMinor
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
13	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
14	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
15	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
16	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
17	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
30	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
31	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
32	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
33	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
34	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
35	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
36	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
37	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
38	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
39	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
40	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
41	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
42	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
43	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
44	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
45	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
46	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

Table: Preferences - Aluminum Design - AA-ASD 2000

Table: Preferences - Aluminum Design - AA-ASD 2000						
THDesign	FrameType	SRatioLimit	MaxIter	LatFact	UseLatFact	Bridge
Envelopes	Moment Frame	1.000000	1	1.333333	No	No

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Preferences - Cold Formed Design - AISI-ASD96, Part 1 of 2

Table: Preferences - Cold Formed Design - AISI-ASD96, Part 1 of 2

THDesign	FrameType	SRatioLimit	MaxIter	OmegaBS	OmegaBUS	OmegaBLTB	OmegaVS	OmegaVNS
Envelopes	Braced Frame	1.000000	1	1.670000	1.670000	1.670000	1.670000	1.500000

Table: Preferences - Cold Formed Design - AISI-ASD96, Part 2 of 2

Table: Preferences - Cold Formed Design - AISI-ASD96, Part 2 of 2

OmegaT	OmegaC
1.670000	1.800000

Table: Preferences - Concrete Design - ACI 318-05/IBC2003, Part 1 of 2

Table: Preferences - Concrete Design - ACI 318-05/IBC2003, Part 1 of 2

THDesign	NumCurves	NumPoints	MinEccen	PatLLF	UFLimit	SeisCat	PhiT	PhiCTied
Envelopes	24	11	Yes	0.750000	0.950000	D	0.900000	0.650000

Table: Preferences - Concrete Design - ACI 318-05/IBC2003, Part 2 of 2

Table: Preferences - Concrete Design - ACI 318-05/IBC2003, Part 2 of 2

PhiCSpiral	PhiV	PhiVSeismic	PhiVJoint
0.700000	0.750000	0.600000	0.850000

Table: Preferences - Dimensional, Part 1 of 2

Table: Preferences - Dimensional, Part 1 of 2

MergeTol m	FineGrid m	Nudge m	SelectTol	SnapTol	SLineThick	PLineThick	MaxFont	MinFont
0.001000	0.250000	0.250000	3	12	1	4	8	8

Table: Preferences - Dimensional, Part 2 of 2

Table: Preferences - Dimensional, Part 2 of 2

AutoZoom	ShrinkFact	TextFileLen
10	70	240

Table: Preferences - Steel Design - AISC-LRFD93, Part 1 of 2

Table: Preferences - Steel Design - AISC-LRFD93, Part 1 of 2

THDesign	FrameType	PatLLF	SRatioLimit	MaxIter	PhiB	PhiC	PhiT	PhiV
Envelopes	Moment Frame	0.750000	0.950000	1	0.900000	0.850000	0.900000	0.900000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Preferences - Steel Design - AISC-LRFD93, Part 2 of 2

Table: Preferences - Steel Design - AISC-LRFD93, Part 2 of 2

PhiCA	CheckDefl	DLRat	SDLAndLLR at	LLRat	TotalRat	NetRat
0.900000	No	120.000000	120.000000	360.000000	240.000000	240.000000

Table: Program Control, Part 1 of 3

Table: Program Control, Part 1 of 3

ProgramName	Version	ProgLevel	LicenseNum	LicenseOS	LicenseSC	LicenseBR	LicenseHT	CurrUnits
SAP2000	14.1.0	Advanced	0X2310B	No	No	No	No	KN, m, C

Table: Program Control, Part 2 of 3

Table: Program Control, Part 2 of 3

SteelCode	ConcCode	AlumCode	ColdCode	BridgeCode
AISC-LRFD93	ACI 318-05/IBC2003	AA-ASD 2000	AISI-ASD96	AASHTO LRFD 2007

Table: Program Control, Part 3 of 3

Table: Program Control, Part 3 of 3

RegenHinge	BSchedGUID
Yes	

Table: Project Information

Table: Project Information

Item	Data
Company Name	Computers and Structures, Inc.
Client Name	
Project Name	
Project Number	
Model Name	
Model Description	
Revision Number	
Frame Type	
Engineer	
Checker	
Supervisor	
Issue Code	
Design Code	

Table: Rebar Sizes

Table: Rebar Sizes

RebarID	Area m2	Diameter m
#2	0.000032	0.006350
#3	0.000071	0.009525

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Rebar Sizes

RebarID	Area m2	Diameter m
#4	0.000129	0.012700
#5	0.000200	0.015875
#6	0.000284	0.019050
#7	0.000387	0.022225
#8	0.000510	0.025400
#9	0.000645	0.028651
#10	0.000819	0.032258
#11	0.001006	0.035814
#14	0.001452	0.043002
#18	0.002581	0.057328
10M	0.000100	0.011300
15M	0.000200	0.016000
20M	0.000300	0.019500
25M	0.000500	0.025200
30M	0.000700	0.029900
35M	0.001000	0.035700
45M	0.001500	0.043700
55M	0.002500	0.056400
6d	0.000028	0.006000
8d	0.000050	0.008000
10d	0.000079	0.010000
12d	0.000113	0.012000
14d	0.000154	0.014000
16d	0.000201	0.016000
20d	0.000314	0.020000
25d	0.000491	0.025000
26d	0.000531	0.026000
28d	0.000616	0.028000

Table: Solid Property Definitions, Part 1 of 2

Table: Solid Property Definitions, Part 1 of 2

SolidProp	Material	MatAngleA Degrees	MatAngleB Degrees	MatAngleC Degrees	InComp	Color
SOLID1	4000Psi	0.000	0.000	0.000	Yes	Magenta

Table: Solid Property Definitions, Part 2 of 2

Table: Solid Property Definitions, Part 2 of 2

SolidProp	GUID	Notes	TotalWt KN	TotalMass KN-s2/m
SOLID1		Added 27/10/2008 10.40.04	0.000	0.00

9 ALLEGATI DI CALCOLO CARR. DX (R=7.21M)

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO GALLERIE ARTIFICIALI

Table: Active Degrees of Freedom

Table: Active Degrees of Freedom

UX	UY	UZ	RX	RY	RZ
Yes	Yes	Yes	Yes	Yes	Yes

Table: Analysis Options

Table: Analysis Options

Solver	SolverProc	Force32Bit	StiffCase	GeomMod
Advanced	Auto	No	None	No

Table: Assembled Joint Masses

Table: Assembled Joint Masses

Joint	U1	U2	U3	R1	R2	R3
	KN-s2/m	KN-s2/m	KN-s2/m	KN-m-s2	KN-m-s2	KN-m-s2
1	4.31	4.31	4.31	0.0000	0.0000	0.0000
2	8.28	8.28	8.28	0.0000	0.0000	0.0000
3	4.64	4.64	4.64	0.0000	0.0000	0.0000
4	4.20	4.20	4.20	0.0000	0.0000	0.0000
5	4.74	4.74	4.74	0.0000	0.0000	0.0000
6	5.77	5.77	5.77	0.0000	0.0000	0.0000
7	6.77	6.77	6.77	0.0000	0.0000	0.0000
8	7.37	7.37	7.37	0.0000	0.0000	0.0000
9	5.88	5.88	5.88	0.0000	0.0000	0.0000
10	4.55	4.55	4.55	0.0000	0.0000	0.0000
11	3.92	3.92	3.92	0.0000	0.0000	0.0000
12	3.78	3.78	3.78	0.0000	0.0000	0.0000
13	3.77	3.77	3.77	0.0000	0.0000	0.0000
14	3.77	3.77	3.77	0.0000	0.0000	0.0000
15	3.77	3.77	3.77	0.0000	0.0000	0.0000
16	3.77	3.77	3.77	0.0000	0.0000	0.0000
17	3.77	3.77	3.77	0.0000	0.0000	0.0000
18	3.78	3.78	3.78	0.0000	0.0000	0.0000
19	3.92	3.92	3.92	0.0000	0.0000	0.0000
20	4.55	4.55	4.55	0.0000	0.0000	0.0000
21	5.88	5.88	5.88	0.0000	0.0000	0.0000
22	7.37	7.37	7.37	0.0000	0.0000	0.0000
23	6.77	6.77	6.77	0.0000	0.0000	0.0000
24	5.77	5.77	5.77	0.0000	0.0000	0.0000
25	4.74	4.74	4.74	0.0000	0.0000	0.0000
26	4.20	4.20	4.20	0.0000	0.0000	0.0000
27	4.64	4.64	4.64	0.0000	0.0000	0.0000
28	8.28	8.28	8.28	0.0000	0.0000	0.0000
29	4.31	4.31	4.31	0.0000	0.0000	0.0000
30	2.53	2.53	2.53	0.0000	0.0000	0.0000
31	5.72	5.72	5.72	0.0000	0.0000	0.0000
32	3.18	3.18	3.18	0.0000	0.0000	0.0000
33	3.18	3.18	3.18	0.0000	0.0000	0.0000
34	3.18	3.18	3.18	0.0000	0.0000	0.0000
35	3.18	3.18	3.18	0.0000	0.0000	0.0000
36	3.18	3.18	3.18	0.0000	0.0000	0.0000
37	3.18	3.18	3.18	0.0000	0.0000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Assembled Joint Masses

Joint	U1 KN-s2/m	U2 KN-s2/m	U3 KN-s2/m	R1 KN-m-s2	R2 KN-m-s2	R3 KN-m-s2
38	3.18	3.18	3.18	0.0000	0.0000	0.0000
39	3.18	3.18	3.18	0.0000	0.0000	0.0000
40	3.18	3.18	3.18	0.0000	0.0000	0.0000
41	3.18	3.18	3.18	0.0000	0.0000	0.0000
42	3.18	3.18	3.18	0.0000	0.0000	0.0000
43	5.72	5.72	5.72	0.0000	0.0000	0.0000
44	2.53	2.53	2.53	0.0000	0.0000	0.0000

Table: Auto Wave 3 - Wave Characteristics - General

Table: Auto Wave 3 - Wave Characteristics - General

WaveChar	WaveType	KinFactor	SWaterDepth h m	WaveHeight m	WavePeriod Sec	WaveTheory
Default	From Theory	1.000000	45.00000	18.00000	12.0000	Linear

Table: Base Reactions, Part 1 of 3

Table: Base Reactions, Part 1 of 3

OutputCase	CaseType	StepType	GlobalFX KN	GlobalFY KN	GlobalFZ KN	GlobalMX KN-m	GlobalMY KN-m	GlobalMZ KN-m
SLE	NonStatic	Max	0.000	0.000	3989.610	0.0000	0.0000	0.0000
SLE	NonStatic	Min	-3.435E-03	0.000	0.000	0.0000	-201563.230	0.0000
SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	4117.968	0.0000	0.0000	0.0000
SLE_SISMA_DOWN	NonStatic	Min	-271.601	0.000	0.000	0.0000	-214513.863	0.0000
SLE_SISMA_UP	NonStatic	Max	0.000	0.000	3814.818	0.0000	0.0000	0.0000
SLE_SISMA_UP	NonStatic	Min	-271.601	0.000	0.000	0.0000	-199198.097	0.0000
SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	4309.478	0.0000	0.0000	0.0000
SLU_SISMA_DOWN	NonStatic	Min	-675.840	0.000	0.000	0.0000	-233812.742	0.0000
SLU_SISMA_UP	NonStatic	Max	0.000	0.000	3670.092	0.0000	0.0000	0.0000
SLU_SISMA_UP	NonStatic	Min	-675.840	0.000	0.000	0.0000	-201509.675	0.0000

Table: Base Reactions, Part 2 of 3

Table: Base Reactions, Part 2 of 3

OutputCase	StepType	GlobalX m	GlobalY m	GlobalZ m	XCentroidF X m	YCentroidF X m	ZCentroidF X m	XCentroidF Y m
SLE	Max	0.00000	0.00000	0.00000	908374.026	0.00000	17.07154	0.00000
SLE	Min	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
SLE_SISMA_DOWN	Max	0.00000	0.00000	0.00000	67.11275	0.00000	20.08283	0.00000
SLE_SISMA_DOWN	Min	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
SLE_SISMA_UP	Max	0.00000	0.00000	0.00000	66.34580	0.00000	20.09025	0.00000
SLE_SISMA_UP	Min	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
SLU_SISMA_DOWN	Max	0.00000	0.00000	0.00000	61.18648	0.00000	20.43190	0.00000
SLU_SISMA_DOWN	Min	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Base Reactions, Part 2 of 3

OutputCase	StepType	GlobalX	GlobalY	GlobalZ	XCentroidF X	YCentroidF X	ZCentroidF X	XCentroidF Y
		m	m	m	m	m	m	m
SLU_SISMA _UP	Max	0.00000	0.00000	0.00000	60.55493	0.00000	20.54579	0.00000
SLU_SISMA _UP	Min	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Table: Base Reactions, Part 3 of 3

Table: Base Reactions, Part 3 of 3

OutputCase	StepType	YCentroidF Y	ZCentroidF Y	XCentroidF Z	YCentroidF Z	ZCentroidFZ m
		m	m	m	m	m
SLE	Max	0.00000	0.00000	50.52202	0.00000	17.63735
SLE	Min	0.00000	0.00000	0.00000	0.00000	0.00000
SLE_SISMA _DOWN	Max	0.00000	0.00000	50.76760	0.00000	17.63304
SLE_SISMA _DOWN	Min	0.00000	0.00000	0.00000	0.00000	0.00000
SLE_SISMA _UP	Max	0.00000	0.00000	50.78659	0.00000	17.63224
SLE_SISMA _UP	Min	0.00000	0.00000	0.00000	0.00000	0.00000
SLU_SISMA _DOWN	Max	0.00000	0.00000	51.05121	0.00000	17.60477
SLU_SISMA _DOWN	Min	0.00000	0.00000	0.00000	0.00000	0.00000
SLU_SISMA _UP	Max	0.00000	0.00000	51.12243	0.00000	17.58581
SLU_SISMA _UP	Min	0.00000	0.00000	0.00000	0.00000	0.00000

Table: Bridge Design Preferences - AASHTOLRFD07

Table: Bridge Design
 Preferences -
 AASHTOLRFD07

HingeOpt

Auto: AASHTO/Caltrans
 Hinge

Table: Case - Static 1 - Load Assignments

Table: Case - Static 1 - Load Assignments

Case	LoadType	LoadName	LoadSF
SLE	Load pattern	DEAD	1.000000
SLE	Load pattern	PHDX_SLE	1.000000
SLE	Load pattern	PHSX_SLE	1.000000
SLE	Load pattern	PV_SLE	1.000000
SLE_SISMA_DOWN	Load pattern	DEAD_SLE_SISMA_ DOWN	1.000000
SLE_SISMA_DOWN	Load pattern	PV_SLE_SISMA_DO WN	1.000000
SLE_SISMA_DOWN	Load pattern	PHSX_SLE_SISMA	1.000000
SLE_SISMA_DOWN	Load pattern	PHDX_SLE_SISMA	1.000000
SLE_SISMA_UP	Load pattern	DEAD_SLE_SISMA_ UP	1.000000
SLE_SISMA_UP	Load pattern	PV_SLE_SISMA_UP	1.000000
SLE_SISMA_UP	Load pattern	PHSX_SLE_SISMA	1.000000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Case - Static 1 - Load Assignments

Case	LoadType	LoadName	LoadSF
SLE_SISMA_UP	Load pattern	PHDX_SLE_SISMA	1.000000
SLU_SISMA_DOWN	Load pattern	DEAD_SLU_SISMA_DOWN	1.000000
SLU_SISMA_DOWN	Load pattern	PV_SLU_SISMA_DOWN	1.000000
SLU_SISMA_DOWN	Load pattern	PHSX_SLU_SISMA	1.000000
SLU_SISMA_DOWN	Load pattern	PHDX_SLU_SISMA	1.000000
SLU_SISMA_UP	Load pattern	DEAD_SLU_SISMA_UP	1.000000
SLU_SISMA_UP	Load pattern	PV_SLU_SISMA_UP	1.000000
SLU_SISMA_UP	Load pattern	PHSX_SLU_SISMA	1.000000
SLU_SISMA_UP	Load pattern	PHDX_SLU_SISMA	1.000000

Table: Case - Static 2 - Nonlinear Load Application

Table: Case - Static 2 - Nonlinear Load Application

Case	LoadApp	MonitorDOF	MonitorJt
SLE	Full Load	U1	15
SLE_SISMA_DOWN	Full Load	U1	15
SLE_SISMA_UP	Full Load	U1	15
SLU_SISMA_DOWN	Full Load	U1	15
SLU_SISMA_UP	Full Load	U1	15

Table: Case - Static 4 - Nonlinear Parameters, Part 1 of 5

Table: Case - Static 4 - Nonlinear Parameters, Part 1 of 5

Case	Unloading	GeoNonLin	ResultsSave	MinNumState	MaxNumState	PosIncOnly
SLE	Unload Entire	None	Multiple States	10	10	Yes
SLE_SISMA_DOWN	Unload Entire	None	Multiple States	10	10	Yes
SLE_SISMA_UP	Unload Entire	None	Multiple States	10	10	Yes
SLU_SISMA_DOWN	Unload Entire	None	Multiple States	10	10	Yes
SLU_SISMA_UP	Unload Entire	None	Multiple States	10	10	Yes

Table: Case - Static 4 - Nonlinear Parameters, Part 2 of 5

Table: Case - Static 4 - Nonlinear Parameters, Part 2 of 5

Case	MaxTotal	MaxNull	MaxIterCS	MaxIterNR	ItConvTol	UseEvStep	EvLumpTol
SLE	200	50	10	40	1.0000E-04	Yes	0.010000
SLE_SISMA_DOWN	200	50	10	40	1.0000E-04	Yes	0.010000
SLE_SISMA_UP	200	50	10	40	1.0000E-04	Yes	0.010000
SLU_SISMA_DOWN	200	50	10	40	1.0000E-04	Yes	0.010000
SLU_SISMA_UP	200	50	10	40	1.0000E-04	Yes	0.010000

Table: Case - Static 4 - Nonlinear Parameters, Part 3 of 5

Table: Case - Static 4 - Nonlinear Parameters, Part 3 of 5

Case	LSPerIter	LSTol	LSSStepFact	StageSave	StageMinIns	StageMinTD
SLE	20	0.100000	1.618000			
SLE_SISMA_DOWN	20	0.100000	1.618000			
SLE_SISMA_UP	20	0.100000	1.618000			
SLU_SISMA_DOWN	20	0.100000	1.618000			

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Case - Static 4 - Nonlinear Parameters, Part 3 of 5

Case	LSPerIter	LSTol	LSStepFact	StageSave	StageMinIns	StageMinTD
SLU_SISMA_UP	20	0.100000	1.618000			

Table: Case - Static 4 - Nonlinear Parameters, Part 4 of 5

Table: Case - Static 4 - Nonlinear Parameters, Part 4 of 5

Case	FrameTC	FrameHinge	CableTC	LinkTC	LinkOther	TimeDepMat	TFMaxIter
SLE	Yes	Yes	Yes	Yes	Yes		10
SLE_SISMA_DOWN	Yes	Yes	Yes	Yes	Yes		10
SLE_SISMA_UP	Yes	Yes	Yes	Yes	Yes		10
SLU_SISMA_DOWN	Yes	Yes	Yes	Yes	Yes		10
SLU_SISMA_UP	Yes	Yes	Yes	Yes	Yes		10

Table: Case - Static 4 - Nonlinear Parameters, Part 5 of 5

Table: Case - Static 4 - Nonlinear Parameters, Part 5 of 5

Case	TFTol	TFAccelFact	TFNoStop
SLE	0.010000	1.000000	No
SLE_SISMA_DOWN	0.010000	1.000000	No
SLE_SISMA_UP	0.010000	1.000000	No
SLU_SISMA_DOWN	0.010000	1.000000	No
SLU_SISMA_UP	0.010000	1.000000	No

Table: Connectivity - Frame, Part 1 of 2

Table: Connectivity - Frame, Part 1 of 2

Frame	JointI	JointJ	IsCurved	Length m	CentroidX m	CentroidY m	CentroidZ m
1	1	2	No	0.89215	42.82204	0.00000	18.76352
2	2	3	No	0.89498	42.82204	0.00000	19.65708
3	3	4	No	0.89498	42.82204	0.00000	20.55206
4	4	5	No	0.89498	42.82204	0.00000	21.44703
5	5	6	No	1.18320	42.87150	0.00000	22.48405
6	6	7	No	1.18320	43.06798	0.00000	23.64663
7	7	8	No	1.18320	43.45545	0.00000	24.76020
8	8	9	No	1.18328	44.02261	0.00000	25.79399
9	9	10	No	1.18346	44.74812	0.00000	26.72440
10	10	11	No	1.18346	45.60699	0.00000	27.53367
11	11	12	No	1.18346	46.57792	0.00000	28.20441
12	12	13	No	1.18346	47.63877	0.00000	28.72132
13	13	14	No	1.18346	48.76535	0.00000	29.07262
14	14	15	No	1.18346	49.93198	0.00000	29.25029
15	15	16	No	1.18346	51.11207	0.00000	29.25030
16	16	17	No	1.18346	52.27870	0.00000	29.07262
17	17	18	No	1.18346	53.40528	0.00000	28.72133
18	18	19	No	1.18346	54.46613	0.00000	28.20443
19	19	20	No	1.18346	55.43706	0.00000	27.53369
20	20	21	No	1.18346	56.29594	0.00000	26.72442
21	21	22	No	1.18328	57.02145	0.00000	25.79401
22	22	23	No	1.18320	57.58861	0.00000	24.76023
23	23	24	No	1.18320	57.97609	0.00000	23.64665
24	24	25	No	1.18323	58.17257	0.00000	22.48407
25	25	26	No	0.89498	58.22203	0.00000	21.44703
26	26	27	No	0.89498	58.22202	0.00000	20.55206
27	27	28	No	0.89493	58.22203	0.00000	19.65710
28	28	29	No	0.89214	58.22204	0.00000	18.76357

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Connectivity - Frame, Part 1 of 2

Frame	JointI	JointJ	IsCurved	Length m	CentroidX m	CentroidY m	CentroidZ m
29	29	30	No	0.82552	57.80928	0.00000	18.31750
30	30	31	No	0.82552	56.98376	0.00000	18.31750
31	31	32	No	1.03978	56.09110	0.00000	18.11757
32	32	33	No	1.03978	55.11817	0.00000	17.75265
33	33	34	No	1.03978	54.12159	0.00000	17.45843
34	34	35	No	1.03978	53.10647	0.00000	17.23642
35	35	36	No	1.03978	52.07805	0.00000	17.08778
36	36	37	No	1.03967	51.04167	0.00000	17.01327
37	37	38	No	1.03988	50.00256	0.00000	17.01326
38	38	39	No	1.03978	48.96607	0.00000	17.08777
39	39	40	No	1.03978	47.93765	0.00000	17.23640
40	40	41	No	1.03978	46.92253	0.00000	17.45840
41	41	42	No	1.03978	45.92594	0.00000	17.75261
42	42	43	No	1.03978	44.95302	0.00000	18.11753
43	43	44	No	0.82553	44.06034	0.00000	18.31745
44	44	1	No	0.82553	43.23480	0.00000	18.31745
45	2	43	No	1.87669	43.64757	0.00000	18.76352
46	28	31	No	1.87665	57.39652	0.00000	18.76357

Table: Connectivity - Frame, Part 2 of 2

Table: Connectivity - Frame, Part 2 of 2

Frame	GUID
1	
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PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Connectivity - Frame, Part 2 of 2

Frame	GUID
36	
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43	
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45	
46	

Table: Coordinate Systems

Table: Coordinate Systems

Name	Type	X m	Y m	Z m	AboutZ Degrees	AboutY Degrees	AboutX Degrees
GLOBAL	Cartesian	0.00000	0.00000	0.00000	0.000	0.000	0.000

Table: Database Format Types

Table: Database Format Types

UnitsCurr	OverrideE
Yes	No

Table: Element Forces - Frames, Part 1 of 2

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
1	0.00000	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
1	0.44607	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
1	0.89215	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
1	0.00000	SLE	NonStatic	Min	-450.030	-1767.027	0.000	0.0000
1	0.44607	SLE	NonStatic	Min	-419.725	-1826.108	0.000	0.0000
1	0.89215	SLE	NonStatic	Min	-392.152	-1885.189	0.000	0.0000
1	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
1	0.44607	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
1	0.89215	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
1	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-375.670	-1822.079	0.000	0.0000
1	0.44607	SLE_SISMA _DOWN	NonStatic	Min	-344.395	-1886.678	0.000	0.0000
1	0.89215	SLE_SISMA _DOWN	NonStatic	Min	-315.940	-1951.278	0.000	0.0000
1	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
1	0.44607	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
1	0.89215	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
1	0.00000	SLE_SISMA _UP	NonStatic	Min	-342.701	-1652.563	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
1	0.44607	SLE_SISMA _UP	NonStatic	Min	-314.093	-1717.162	0.000	0.0000
1	0.89215	SLE_SISMA _UP	NonStatic	Min	-288.064	-1781.761	0.000	0.0000
1	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
1	0.44607	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
1	0.89215	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
1	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-282.353	-1772.397	0.000	0.0000
1	0.44607	SLU_SISMA _DOWN	NonStatic	Min	-249.623	-1856.967	0.000	0.0000
1	0.89215	SLU_SISMA _DOWN	NonStatic	Min	-219.845	-1941.537	0.000	0.0000
1	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
1	0.44607	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
1	0.89215	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
1	0.00000	SLU_SISMA _UP	NonStatic	Min	-215.325	-1404.334	0.000	0.0000
1	0.44607	SLU_SISMA _UP	NonStatic	Min	-187.444	-1488.904	0.000	0.0000
1	0.89215	SLU_SISMA _UP	NonStatic	Min	-162.077	-1573.474	0.000	0.0000
2	0.00000	SLE	NonStatic	Max	0.000	477.731	0.000	0.0000
2	0.44749	SLE	NonStatic	Max	0.000	421.859	0.000	0.0000
2	0.89498	SLE	NonStatic	Max	0.000	365.987	0.000	0.0000
2	0.00000	SLE	NonStatic	Min	-1643.938	0.000	0.000	0.0000
2	0.44749	SLE	NonStatic	Min	-1618.599	0.000	0.000	0.0000
2	0.89498	SLE	NonStatic	Min	-1595.162	0.000	0.000	0.0000
2	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	563.122	0.000	0.0000
2	0.44749	SLE_SISMA _DOWN	NonStatic	Max	0.000	501.714	0.000	0.0000
2	0.89498	SLE_SISMA _DOWN	NonStatic	Max	0.000	440.307	0.000	0.0000
2	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-1645.530	0.000	0.000	0.0000
2	0.44749	SLE_SISMA _DOWN	NonStatic	Min	-1619.380	0.000	0.000	0.0000
2	0.89498	SLE_SISMA _DOWN	NonStatic	Min	-1595.193	0.000	0.000	0.0000
2	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	556.395	0.000	0.0000
2	0.44749	SLE_SISMA _UP	NonStatic	Max	0.000	494.988	0.000	0.0000
2	0.89498	SLE_SISMA _UP	NonStatic	Max	0.000	433.580	0.000	0.0000
2	0.00000	SLE_SISMA _UP	NonStatic	Min	-1524.900	0.000	0.000	0.0000
2	0.44749	SLE_SISMA _UP	NonStatic	Min	-1500.980	0.000	0.000	0.0000
2	0.89498	SLE_SISMA _UP	NonStatic	Min	-1478.856	0.000	0.000	0.0000
2	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	776.750	0.000	0.0000
2	0.44749	SLU_SISMA _DOWN	NonStatic	Max	0.000	695.985	0.000	0.0000
2	0.89498	SLU_SISMA _DOWN	NonStatic	Max	0.000	615.219	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
2	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1658.254	0.000	0.000	0.0000
2	0.44749	SLU_SISMA _DOWN	NonStatic	Min	-1630.888	0.000	0.000	0.0000
2	0.89498	SLU_SISMA _DOWN	NonStatic	Min	-1605.576	0.000	0.000	0.0000
2	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	762.236	0.000	0.0000
2	0.44749	SLU_SISMA _UP	NonStatic	Max	0.000	681.470	0.000	0.0000
2	0.89498	SLU_SISMA _UP	NonStatic	Max	0.000	600.705	0.000	0.0000
2	0.00000	SLU_SISMA _UP	NonStatic	Min	-1398.267	0.000	0.000	0.0000
2	0.44749	SLU_SISMA _UP	NonStatic	Min	-1374.955	0.000	0.000	0.0000
2	0.89498	SLU_SISMA _UP	NonStatic	Min	-1353.393	0.000	0.000	0.0000
3	0.00000	SLE	NonStatic	Max	0.000	359.185	0.000	0.0000
3	0.44749	SLE	NonStatic	Max	0.000	306.748	0.000	0.0000
3	0.89498	SLE	NonStatic	Max	0.000	254.311	0.000	0.0000
3	0.00000	SLE	NonStatic	Min	-1595.162	0.000	0.000	0.0000
3	0.44749	SLE	NonStatic	Min	-1573.207	0.000	0.000	0.0000
3	0.89498	SLE	NonStatic	Min	-1552.315	0.000	0.000	0.0000
3	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	440.307	0.000	0.0000
3	0.44749	SLE_SISMA _DOWN	NonStatic	Max	0.000	382.334	0.000	0.0000
3	0.89498	SLE_SISMA _DOWN	NonStatic	Max	0.000	324.361	0.000	0.0000
3	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-1595.193	0.000	0.000	0.0000
3	0.44749	SLE_SISMA _DOWN	NonStatic	Min	-1572.536	0.000	0.000	0.0000
3	0.89498	SLE_SISMA _DOWN	NonStatic	Min	-1550.975	0.000	0.000	0.0000
3	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	433.580	0.000	0.0000
3	0.44749	SLE_SISMA _UP	NonStatic	Max	0.000	375.607	0.000	0.0000
3	0.89498	SLE_SISMA _UP	NonStatic	Max	0.000	317.635	0.000	0.0000
3	0.00000	SLE_SISMA _UP	NonStatic	Min	-1478.856	0.000	0.000	0.0000
3	0.44749	SLE_SISMA _UP	NonStatic	Min	-1458.130	0.000	0.000	0.0000
3	0.89498	SLE_SISMA _UP	NonStatic	Min	-1438.408	0.000	0.000	0.0000
3	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	615.219	0.000	0.0000
3	0.44749	SLU_SISMA _DOWN	NonStatic	Max	0.000	538.571	0.000	0.0000
3	0.89498	SLU_SISMA _DOWN	NonStatic	Max	0.000	461.924	0.000	0.0000
3	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1605.576	0.000	0.000	0.0000
3	0.44749	SLU_SISMA _DOWN	NonStatic	Min	-1581.864	0.000	0.000	0.0000
3	0.89498	SLU_SISMA _DOWN	NonStatic	Min	-1559.301	0.000	0.000	0.0000
3	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	600.705	0.000	0.0000
3	0.44749	SLU_SISMA _UP	NonStatic	Max	0.000	524.057	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
3	0.89498	SLU_SISMA _UP	NonStatic	Max	0.000	447.410	0.000	0.0000
3	0.00000	SLU_SISMA _UP	NonStatic	Min	-1353.393	0.000	0.000	0.0000
3	0.44749	SLU_SISMA _UP	NonStatic	Min	-1333.194	0.000	0.000	0.0000
3	0.89498	SLU_SISMA _UP	NonStatic	Min	-1313.973	0.000	0.000	0.0000
4	0.00000	SLE	NonStatic	Max	0.000	246.883	0.000	0.0000
4	0.44749	SLE	NonStatic	Max	0.000	197.843	0.000	0.0000
4	0.89498	SLE	NonStatic	Max	0.000	148.802	0.000	0.0000
4	0.00000	SLE	NonStatic	Min	-1552.315	0.000	0.000	0.0000
4	0.44749	SLE	NonStatic	Min	-1532.122	0.000	0.000	0.0000
4	0.89498	SLE	NonStatic	Min	-1512.265	0.000	0.000	0.0000
4	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	324.361	0.000	0.0000
4	0.44749	SLE_SISMA _DOWN	NonStatic	Max	0.000	269.785	0.000	0.0000
4	0.89498	SLE_SISMA _DOWN	NonStatic	Max	0.000	215.209	0.000	0.0000
4	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-1550.975	0.000	0.000	0.0000
4	0.44749	SLE_SISMA _DOWN	NonStatic	Min	-1530.136	0.000	0.000	0.0000
4	0.89498	SLE_SISMA _DOWN	NonStatic	Min	-1509.643	0.000	0.000	0.0000
4	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	317.635	0.000	0.0000
4	0.44749	SLE_SISMA _UP	NonStatic	Max	0.000	263.058	0.000	0.0000
4	0.89498	SLE_SISMA _UP	NonStatic	Max	0.000	208.482	0.000	0.0000
4	0.00000	SLE_SISMA _UP	NonStatic	Min	-1438.408	0.000	0.000	0.0000
4	0.44749	SLE_SISMA _UP	NonStatic	Min	-1419.346	0.000	0.000	0.0000
4	0.89498	SLE_SISMA _UP	NonStatic	Min	-1400.601	0.000	0.000	0.0000
4	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	461.924	0.000	0.0000
4	0.44749	SLU_SISMA _DOWN	NonStatic	Max	0.000	389.349	0.000	0.0000
4	0.89498	SLU_SISMA _DOWN	NonStatic	Max	0.000	316.774	0.000	0.0000
4	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1559.301	0.000	0.000	0.0000
4	0.44749	SLU_SISMA _DOWN	NonStatic	Min	-1537.493	0.000	0.000	0.0000
4	0.89498	SLU_SISMA _DOWN	NonStatic	Min	-1516.047	0.000	0.000	0.0000
4	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	447.410	0.000	0.0000
4	0.44749	SLU_SISMA _UP	NonStatic	Max	0.000	374.835	0.000	0.0000
4	0.89498	SLU_SISMA _UP	NonStatic	Max	0.000	302.260	0.000	0.0000
4	0.00000	SLU_SISMA _UP	NonStatic	Min	-1313.973	0.000	0.000	0.0000
4	0.44749	SLU_SISMA _UP	NonStatic	Min	-1295.396	0.000	0.000	0.0000
4	0.89498	SLU_SISMA _UP	NonStatic	Min	-1277.127	0.000	0.000	0.0000
5	0.00000	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
5	0.59160	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
5	1.18320	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
5	0.00000	SLE	NonStatic	Min	-1494.849	-270.912	0.000	0.0000
5	0.59160	SLE	NonStatic	Min	-1461.819	-208.555	0.000	0.0000
5	1.18320	SLE	NonStatic	Min	-1427.979	-146.129	0.000	0.0000
5	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
5	0.59160	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
5	1.18320	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
5	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-1486.365	-340.671	0.000	0.0000
5	0.59160	SLE_SISMA _DOWN	NonStatic	Min	-1452.724	-270.944	0.000	0.0000
5	1.18320	SLE_SISMA _DOWN	NonStatic	Min	-1418.246	-201.146	0.000	0.0000
5	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
5	0.59160	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
5	1.18320	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
5	0.00000	SLE_SISMA _UP	NonStatic	Min	-1378.267	-324.851	0.000	0.0000
5	0.59160	SLE_SISMA _UP	NonStatic	Min	-1347.695	-255.381	0.000	0.0000
5	1.18320	SLE_SISMA _UP	NonStatic	Min	-1316.359	-185.847	0.000	0.0000
5	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
5	0.59160	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
5	1.18320	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
5	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1484.255	-442.416	0.000	0.0000
5	0.59160	SLU_SISMA _DOWN	NonStatic	Min	-1450.685	-349.944	0.000	0.0000
5	1.18320	SLU_SISMA _DOWN	NonStatic	Min	-1416.240	-257.399	0.000	0.0000
5	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
5	0.59160	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
5	1.18320	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
5	0.00000	SLU_SISMA _UP	NonStatic	Min	-1247.385	-407.978	0.000	0.0000
5	0.59160	SLU_SISMA _UP	NonStatic	Min	-1219.901	-316.016	0.000	0.0000
5	1.18320	SLU_SISMA _UP	NonStatic	Min	-1191.671	-223.992	0.000	0.0000
6	0.00000	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
6	0.59160	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
6	1.18320	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
6	0.00000	SLE	NonStatic	Min	-1383.657	-382.062	0.000	0.0000
6	0.59160	SLE	NonStatic	Min	-1338.145	-316.652	0.000	0.0000
6	1.18320	SLE	NonStatic	Min	-1289.983	-250.562	0.000	0.0000
6	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
6	0.59160	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
6	1.18320	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
6	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-1364.892	-434.686	0.000	0.0000
6	0.59160	SLE_SISMA _DOWN	NonStatic	Min	-1319.261	-361.927	0.000	0.0000
6	1.18320	SLE_SISMA _DOWN	NonStatic	Min	-1270.894	-288.466	0.000	0.0000
6	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
6	0.59160	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
6	1.18320	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
6	0.00000	SLE_SISMA _UP	NonStatic	Min	-1266.979	-402.622	0.000	0.0000
6	0.59160	SLE_SISMA _UP	NonStatic	Min	-1225.778	-330.999	0.000	0.0000
6	1.18320	SLE_SISMA _UP	NonStatic	Min	-1182.076	-258.735	0.000	0.0000
6	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
6	0.59160	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
6	1.18320	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
6	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1353.539	-489.818	0.000	0.0000
6	0.59160	SLU_SISMA _DOWN	NonStatic	Min	-1310.298	-396.086	0.000	0.0000
6	1.18320	SLU_SISMA _DOWN	NonStatic	Min	-1264.195	-301.620	0.000	0.0000
6	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
6	0.59160	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
6	1.18320	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
6	0.00000	SLU_SISMA _UP	NonStatic	Min	-1137.677	-419.454	0.000	0.0000
6	0.59160	SLU_SISMA _UP	NonStatic	Min	-1103.804	-328.125	0.000	0.0000
6	1.18320	SLU_SISMA _UP	NonStatic	Min	-1067.492	-236.170	0.000	0.0000
7	0.00000	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
7	0.59160	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
7	1.18320	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
7	0.00000	SLE	NonStatic	Min	-1230.187	-462.039	0.000	0.0000
7	0.59160	SLE	NonStatic	Min	-1174.587	-389.221	0.000	0.0000
7	1.18320	SLE	NonStatic	Min	-1116.352	-315.230	0.000	0.0000
7	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
7	0.59160	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
7	1.18320	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
7	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-1205.049	-496.229	0.000	0.0000
7	0.59160	SLE_SISMA _DOWN	NonStatic	Min	-1149.804	-416.250	0.000	0.0000
7	1.18320	SLE_SISMA _DOWN	NonStatic	Min	-1091.839	-335.062	0.000	0.0000
7	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
7	0.59160	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
7	1.18320	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
7	0.00000	SLE_SISMA _UP	NonStatic	Min	-1122.427	-452.112	0.000	0.0000
7	0.59160	SLE_SISMA _UP	NonStatic	Min	-1072.662	-374.571	0.000	0.0000
7	1.18320	SLE_SISMA _UP	NonStatic	Min	-1020.410	-295.924	0.000	0.0000
7	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
7	0.59160	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
7	1.18320	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
7	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1196.251	-508.082	0.000	0.0000
7	0.59160	SLU_SISMA _DOWN	NonStatic	Min	-1145.079	-409.453	0.000	0.0000
7	1.18320	SLU_SISMA _DOWN	NonStatic	Min	-1091.061	-309.558	0.000	0.0000
7	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
7	0.59160	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
7	1.18320	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
7	0.00000	SLU_SISMA _UP	NonStatic	Min	-1013.206	-410.767	0.000	0.0000
7	0.59160	SLU_SISMA _UP	NonStatic	Min	-973.808	-317.376	0.000	0.0000
7	1.18320	SLU_SISMA _UP	NonStatic	Min	-931.986	-222.907	0.000	0.0000
8	0.00000	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
8	0.59164	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
8	1.18328	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
8	0.00000	SLE	NonStatic	Min	-1048.706	-495.815	0.000	0.0000
8	0.59164	SLE	NonStatic	Min	-991.963	-415.343	0.000	0.0000
8	1.18328	SLE	NonStatic	Min	-939.720	-337.853	0.000	0.0000
8	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
8	0.59164	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
8	1.18328	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
8	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-1021.247	-511.306	0.000	0.0000
8	0.59164	SLE_SISMA _DOWN	NonStatic	Min	-965.414	-424.119	0.000	0.0000
8	1.18328	SLE_SISMA _DOWN	NonStatic	Min	-914.226	-340.009	0.000	0.0000
8	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
8	0.59164	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
8	1.18328	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
8	0.00000	SLE_SISMA _UP	NonStatic	Min	-957.289	-460.876	0.000	0.0000
8	0.59164	SLE_SISMA _UP	NonStatic	Min	-907.098	-377.426	0.000	0.0000
8	1.18328	SLE_SISMA _UP	NonStatic	Min	-861.157	-296.791	0.000	0.0000
8	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
8	0.59164	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
8	1.18328	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
8	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1024.705	-486.026	0.000	0.0000
8	0.59164	SLU_SISMA _DOWN	NonStatic	Min	-974.144	-382.903	0.000	0.0000
8	1.18328	SLU_SISMA _DOWN	NonStatic	Min	-928.445	-283.000	0.000	0.0000
8	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
8	0.59164	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
8	1.18328	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
8	0.00000	SLU_SISMA _UP	NonStatic	Min	-882.182	-374.219	0.000	0.0000
8	0.59164	SLU_SISMA _UP	NonStatic	Min	-843.883	-279.218	0.000	0.0000
8	1.18328	SLU_SISMA _UP	NonStatic	Min	-809.725	-186.959	0.000	0.0000
9	0.00000	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
9	0.59173	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
9	1.18346	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
9	0.00000	SLE	NonStatic	Min	-876.506	-478.498	0.000	0.0000
9	0.59173	SLE	NonStatic	Min	-831.336	-399.086	0.000	0.0000
9	1.18346	SLE	NonStatic	Min	-788.515	-321.817	0.000	0.0000
9	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
9	0.59173	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
9	1.18346	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
9	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-850.985	-476.697	0.000	0.0000
9	0.59173	SLE_SISMA _DOWN	NonStatic	Min	-807.394	-391.405	0.000	0.0000
9	1.18346	SLE_SISMA _DOWN	NonStatic	Min	-766.228	-308.325	0.000	0.0000
9	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
9	0.59173	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
9	1.18346	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
9	0.00000	SLE_SISMA _UP	NonStatic	Min	-805.202	-425.824	0.000	0.0000
9	0.59173	SLE_SISMA _UP	NonStatic	Min	-766.211	-344.729	0.000	0.0000
9	1.18346	SLE_SISMA _UP	NonStatic	Min	-729.439	-265.658	0.000	0.0000
9	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
9	0.59173	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
9	1.18346	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
9	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-873.811	-422.557	0.000	0.0000
9	0.59173	SLU_SISMA _DOWN	NonStatic	Min	-836.349	-324.358	0.000	0.0000
9	1.18346	SLU_SISMA _DOWN	NonStatic	Min	-801.425	-228.474	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
9	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
9	0.59173	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
9	1.18346	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
9	0.00000	SLU_SISMA _UP	NonStatic	Min	-771.291	-309.384	0.000	0.0000
9	0.59173	SLU_SISMA _UP	NonStatic	Min	-744.122	-220.575	0.000	0.0000
9	1.18346	SLU_SISMA _UP	NonStatic	Min	-719.115	-133.738	0.000	0.0000
10	0.00000	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
10	0.59173	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
10	1.18346	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
10	0.00000	SLE	NonStatic	Min	-731.074	-436.876	0.000	0.0000
10	0.59173	SLE	NonStatic	Min	-695.431	-358.692	0.000	0.0000
10	1.18346	SLE	NonStatic	Min	-660.718	-281.659	0.000	0.0000
10	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
10	0.59173	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
10	1.18346	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
10	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-711.072	-420.173	0.000	0.0000
10	0.59173	SLE_SISMA _DOWN	NonStatic	Min	-677.323	-337.010	0.000	0.0000
10	1.18346	SLE_SISMA _DOWN	NonStatic	Min	-644.533	-255.034	0.000	0.0000
10	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
10	0.59173	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
10	1.18346	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
10	0.00000	SLE_SISMA _UP	NonStatic	Min	-681.127	-372.454	0.000	0.0000
10	0.59173	SLE_SISMA _UP	NonStatic	Min	-651.063	-293.847	0.000	0.0000
10	1.18346	SLE_SISMA _UP	NonStatic	Min	-621.877	-216.326	0.000	0.0000
10	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
10	0.59173	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
10	1.18346	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
10	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-757.890	-346.531	0.000	0.0000
10	0.59173	SLU_SISMA _DOWN	NonStatic	Min	-730.276	-253.269	0.000	0.0000
10	1.18346	SLU_SISMA _DOWN	NonStatic	Min	-703.667	-161.248	0.000	0.0000
10	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
10	0.59173	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
10	1.18346	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
10	0.00000	SLU_SISMA _UP	NonStatic	Min	-690.782	-240.483	0.000	0.0000
10	0.59173	SLU_SISMA _UP	NonStatic	Min	-671.560	-157.595	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
10	1.18346	SLU_SISMA _UP	NonStatic	Min	-653.194	-75.766	0.000	0.0000
11	0.00000	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
11	0.59173	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
11	1.18346	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
11	0.00000	SLE	NonStatic	Min	-610.780	-377.936	0.000	0.0000
11	0.59173	SLE	NonStatic	Min	-583.327	-300.236	0.000	0.0000
11	1.18346	SLE	NonStatic	Min	-555.950	-222.664	0.000	0.0000
11	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
11	0.59173	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
11	1.18346	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
11	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-598.789	-349.167	0.000	0.0000
11	0.59173	SLE_SISMA _DOWN	NonStatic	Min	-573.211	-267.353	0.000	0.0000
11	1.18346	SLE_SISMA _DOWN	NonStatic	Min	-547.710	-185.671	0.000	0.0000
11	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
11	0.59173	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
11	1.18346	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
11	0.00000	SLE_SISMA _UP	NonStatic	Min	-582.218	-307.490	0.000	0.0000
11	0.59173	SLE_SISMA _UP	NonStatic	Min	-559.497	-230.563	0.000	0.0000
11	1.18346	SLE_SISMA _UP	NonStatic	Min	-536.845	-153.756	0.000	0.0000
11	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
11	0.59173	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
11	1.18346	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
11	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-671.369	-265.354	0.000	0.0000
11	0.59173	SLU_SISMA _DOWN	NonStatic	Min	-651.242	-175.854	0.000	0.0000
11	1.18346	SLU_SISMA _DOWN	NonStatic	Min	-631.196	-86.492	0.000	0.0000
11	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
11	0.59173	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
11	1.18346	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
11	0.00000	SLU_SISMA _UP	NonStatic	Min	-634.341	-173.247	0.000	0.0000
11	0.59173	SLU_SISMA _UP	NonStatic	Min	-620.764	-94.953	0.000	0.0000
11	1.18346	SLU_SISMA _UP	NonStatic	Min	-607.257	-16.777	0.000	0.0000
12	0.00000	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
12	0.59173	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
12	1.18346	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
12	0.00000	SLE	NonStatic	Min	-516.087	-303.841	0.000	0.0000
12	0.59173	SLE	NonStatic	Min	-496.302	-225.881	0.000	0.0000
12	1.18346	SLE	NonStatic	Min	-476.517	-147.922	0.000	0.0000
12	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
12	0.59173	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
12	1.18346	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
12	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-513.512	-266.018	0.000	0.0000
12	0.59173	SLE_SISMA _DOWN	NonStatic	Min	-495.289	-184.675	0.000	0.0000
12	1.18346	SLE_SISMA _DOWN	NonStatic	Min	-477.067	-103.332	0.000	0.0000
12	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
12	0.59173	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
12	1.18346	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
12	0.00000	SLE_SISMA _UP	NonStatic	Min	-507.576	-232.830	0.000	0.0000
12	0.59173	SLE_SISMA _UP	NonStatic	Min	-491.412	-156.673	0.000	0.0000
12	1.18346	SLE_SISMA _UP	NonStatic	Min	-475.248	-80.516	0.000	0.0000
12	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
12	0.59173	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
12	1.18346	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
12	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-610.979	-180.538	0.000	0.0000
12	0.59173	SLU_SISMA _DOWN	NonStatic	Min	-596.998	-93.393	0.000	0.0000
12	1.18346	SLU_SISMA _DOWN	NonStatic	Min	-583.017	-6.247	0.000	0.0000
12	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
12	0.59173	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
12	1.18346	SLU_SISMA _UP	NonStatic	Max	0.000	42.497	0.000	0.0000
12	0.00000	SLU_SISMA _UP	NonStatic	Min	-597.809	-108.014	0.000	0.0000
12	0.59173	SLU_SISMA _UP	NonStatic	Min	-588.548	-32.759	0.000	0.0000
12	1.18346	SLU_SISMA _UP	NonStatic	Min	-579.286	0.000	0.000	0.0000
13	0.00000	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
13	0.59173	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
13	1.18346	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
13	0.00000	SLE	NonStatic	Min	-448.814	-217.992	0.000	0.0000
13	0.59173	SLE	NonStatic	Min	-436.897	-139.986	0.000	0.0000
13	1.18346	SLE	NonStatic	Min	-424.980	-61.981	0.000	0.0000
13	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
13	0.59173	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
13	1.18346	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
13	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-456.071	-173.981	0.000	0.0000
13	0.59173	SLE_SISMA _DOWN	NonStatic	Min	-445.189	-93.138	0.000	0.0000
13	1.18346	SLE_SISMA _DOWN	NonStatic	Min	-434.306	-12.296	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
13	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
13	0.59173	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
13	1.18346	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
13	0.00000	SLE_SISMA _UP	NonStatic	Min	-457.708	-151.151	0.000	0.0000
13	0.59173	SLE_SISMA _UP	NonStatic	Min	-448.064	-75.677	0.000	0.0000
13	1.18346	SLE_SISMA _UP	NonStatic	Min	-438.420	-0.203	0.000	0.0000
13	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
13	0.59173	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
13	1.18346	SLU_SISMA _DOWN	NonStatic	Max	0.000	76.722	0.000	0.0000
13	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-575.431	-93.955	0.000	0.0000
13	0.59173	SLU_SISMA _DOWN	NonStatic	Min	-567.234	-8.616	0.000	0.0000
13	1.18346	SLU_SISMA _DOWN	NonStatic	Min	-559.037	0.000	0.000	0.0000
13	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
13	0.59173	SLU_SISMA _UP	NonStatic	Max	0.000	27.837	0.000	0.0000
13	1.18346	SLU_SISMA _UP	NonStatic	Max	0.000	100.878	0.000	0.0000
13	0.00000	SLU_SISMA _UP	NonStatic	Min	-579.081	-45.205	0.000	0.0000
13	0.59173	SLU_SISMA _UP	NonStatic	Min	-573.721	0.000	0.000	0.0000
13	1.18346	SLU_SISMA _UP	NonStatic	Min	-568.361	0.000	0.000	0.0000
14	0.00000	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
14	0.59173	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
14	1.18346	SLE	NonStatic	Max	0.000	30.506	0.000	0.0000
14	0.00000	SLE	NonStatic	Min	-410.803	-125.272	0.000	0.0000
14	0.59173	SLE	NonStatic	Min	-406.832	-47.383	0.000	0.0000
14	1.18346	SLE	NonStatic	Min	-402.861	0.000	0.000	0.0000
14	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
14	0.59173	SLE_SISMA _DOWN	NonStatic	Max	0.000	2.890	0.000	0.0000
14	1.18346	SLE_SISMA _DOWN	NonStatic	Max	0.000	83.325	0.000	0.0000
14	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-427.504	-77.544	0.000	0.0000
14	0.59173	SLE_SISMA _DOWN	NonStatic	Min	-423.894	0.000	0.000	0.0000
14	1.18346	SLE_SISMA _DOWN	NonStatic	Min	-420.285	0.000	0.000	0.0000
14	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
14	0.59173	SLE_SISMA _UP	NonStatic	Max	0.000	8.777	0.000	0.0000
14	1.18346	SLE_SISMA _UP	NonStatic	Max	0.000	83.764	0.000	0.0000
14	0.00000	SLE_SISMA _UP	NonStatic	Min	-433.392	-66.209	0.000	0.0000
14	0.59173	SLE_SISMA _UP	NonStatic	Min	-430.195	0.000	0.000	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
14	1.18346	SLE_SISMA _UP	NonStatic	Min	-426.997	0.000	0.000	0.0000
14	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
14	0.59173	SLU_SISMA _DOWN	NonStatic	Max	0.000	75.936	0.000	0.0000
14	1.18346	SLU_SISMA _DOWN	NonStatic	Max	0.000	160.194	0.000	0.0000
14	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-564.216	-8.321	0.000	0.0000
14	0.59173	SLU_SISMA _DOWN	NonStatic	Min	-561.525	0.000	0.000	0.0000
14	1.18346	SLU_SISMA _DOWN	NonStatic	Min	-558.834	0.000	0.000	0.0000
14	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	14.156	0.000	0.0000
14	0.59173	SLU_SISMA _UP	NonStatic	Max	0.000	85.945	0.000	0.0000
14	1.18346	SLU_SISMA _UP	NonStatic	Max	0.000	157.733	0.000	0.0000
14	0.00000	SLU_SISMA _UP	NonStatic	Min	-577.070	0.000	0.000	0.0000
14	0.59173	SLU_SISMA _UP	NonStatic	Min	-575.323	0.000	0.000	0.0000
14	1.18346	SLU_SISMA _UP	NonStatic	Min	-573.576	0.000	0.000	0.0000
15	0.00000	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
15	0.59173	SLE	NonStatic	Max	0.000	47.380	0.000	0.0000
15	1.18346	SLE	NonStatic	Max	0.000	125.269	0.000	0.0000
15	0.00000	SLE	NonStatic	Min	-402.860	-30.509	0.000	0.0000
15	0.59173	SLE	NonStatic	Min	-406.831	0.000	0.000	0.0000
15	1.18346	SLE	NonStatic	Min	-410.803	0.000	0.000	0.0000
15	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	19.097	0.000	0.0000
15	0.59173	SLE_SISMA _DOWN	NonStatic	Max	0.000	99.448	0.000	0.0000
15	1.18346	SLE_SISMA _DOWN	NonStatic	Max	0.000	179.799	0.000	0.0000
15	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-428.039	0.000	0.000	0.0000
15	0.59173	SLE_SISMA _DOWN	NonStatic	Min	-432.751	0.000	0.000	0.0000
15	1.18346	SLE_SISMA _DOWN	NonStatic	Min	-437.463	0.000	0.000	0.0000
15	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	18.521	0.000	0.0000
15	0.59173	SLE_SISMA _UP	NonStatic	Max	0.000	93.424	0.000	0.0000
15	1.18346	SLE_SISMA _UP	NonStatic	Max	0.000	168.327	0.000	0.0000
15	0.00000	SLE_SISMA _UP	NonStatic	Min	-434.741	0.000	0.000	0.0000
15	0.59173	SLE_SISMA _UP	NonStatic	Min	-439.041	0.000	0.000	0.0000
15	1.18346	SLE_SISMA _UP	NonStatic	Min	-443.340	0.000	0.000	0.0000
15	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	74.230	0.000	0.0000
15	0.59173	SLU_SISMA _DOWN	NonStatic	Max	0.000	158.280	0.000	0.0000
15	1.18346	SLU_SISMA _DOWN	NonStatic	Max	0.000	242.329	0.000	0.0000
15	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-576.582	0.000	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
15	0.59173	SLU_SISMA _DOWN	NonStatic	Min	-582.016	0.000	0.000	0.0000
15	1.18346	SLU_SISMA _DOWN	NonStatic	Min	-587.449	0.000	0.000	0.0000
15	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	69.578	0.000	0.0000
15	0.59173	SLU_SISMA _UP	NonStatic	Max	0.000	141.158	0.000	0.0000
15	1.18346	SLU_SISMA _UP	NonStatic	Max	0.000	212.739	0.000	0.0000
15	0.00000	SLU_SISMA _UP	NonStatic	Min	-590.786	0.000	0.000	0.0000
15	0.59173	SLU_SISMA _UP	NonStatic	Min	-595.275	0.000	0.000	0.0000
15	1.18346	SLU_SISMA _UP	NonStatic	Min	-599.765	0.000	0.000	0.0000
16	0.00000	SLE	NonStatic	Max	0.000	61.978	0.000	0.0000
16	0.59173	SLE	NonStatic	Max	0.000	139.984	0.000	0.0000
16	1.18346	SLE	NonStatic	Max	0.000	217.990	0.000	0.0000
16	0.00000	SLE	NonStatic	Min	-424.979	0.000	0.000	0.0000
16	0.59173	SLE	NonStatic	Min	-436.896	0.000	0.000	0.0000
16	1.18346	SLE	NonStatic	Min	-448.812	0.000	0.000	0.0000
16	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	111.886	0.000	0.0000
16	0.59173	SLE_SISMA _DOWN	NonStatic	Max	0.000	191.989	0.000	0.0000
16	1.18346	SLE_SISMA _DOWN	NonStatic	Max	0.000	272.092	0.000	0.0000
16	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-459.546	0.000	0.000	0.0000
16	0.59173	SLE_SISMA _DOWN	NonStatic	Min	-473.635	0.000	0.000	0.0000
16	1.18346	SLE_SISMA _DOWN	NonStatic	Min	-487.724	0.000	0.000	0.0000
16	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	99.660	0.000	0.0000
16	0.59173	SLE_SISMA _UP	NonStatic	Max	0.000	174.394	0.000	0.0000
16	1.18346	SLE_SISMA _UP	NonStatic	Max	0.000	249.128	0.000	0.0000
16	0.00000	SLE_SISMA _UP	NonStatic	Min	-463.630	0.000	0.000	0.0000
16	0.59173	SLE_SISMA _UP	NonStatic	Min	-476.480	0.000	0.000	0.0000
16	1.18346	SLE_SISMA _UP	NonStatic	Min	-489.330	0.000	0.000	0.0000
16	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	151.121	0.000	0.0000
16	0.59173	SLU_SISMA _DOWN	NonStatic	Max	0.000	234.619	0.000	0.0000
16	1.18346	SLU_SISMA _DOWN	NonStatic	Max	0.000	318.117	0.000	0.0000
16	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-617.238	0.000	0.000	0.0000
16	0.59173	SLU_SISMA _DOWN	NonStatic	Min	-633.414	0.000	0.000	0.0000
16	1.18346	SLU_SISMA _DOWN	NonStatic	Min	-649.589	0.000	0.000	0.0000
16	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	120.014	0.000	0.0000
16	0.59173	SLU_SISMA _UP	NonStatic	Max	0.000	191.215	0.000	0.0000
16	1.18346	SLU_SISMA _UP	NonStatic	Max	0.000	262.416	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
16	0.00000	SLU_SISMA _UP	NonStatic	Min	-624.958	0.000	0.000	0.0000
16	0.59173	SLU_SISMA _UP	NonStatic	Min	-638.297	0.000	0.000	0.0000
16	1.18346	SLU_SISMA _UP	NonStatic	Min	-651.636	0.000	0.000	0.0000
17	0.00000	SLE	NonStatic	Max	0.000	147.920	0.000	0.0000
17	0.59173	SLE	NonStatic	Max	0.000	225.879	0.000	0.0000
17	1.18346	SLE	NonStatic	Max	0.000	303.838	0.000	0.0000
17	0.00000	SLE	NonStatic	Min	-476.515	0.000	0.000	0.0000
17	0.59173	SLE	NonStatic	Min	-496.300	0.000	0.000	0.0000
17	1.18346	SLE	NonStatic	Min	-516.085	0.000	0.000	0.0000
17	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	195.559	0.000	0.0000
17	0.59173	SLE_SISMA _DOWN	NonStatic	Max	0.000	274.910	0.000	0.0000
17	1.18346	SLE_SISMA _DOWN	NonStatic	Max	0.000	354.260	0.000	0.0000
17	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-523.130	0.000	0.000	0.0000
17	0.59173	SLE_SISMA _DOWN	NonStatic	Min	-546.373	0.000	0.000	0.0000
17	1.18346	SLE_SISMA _DOWN	NonStatic	Min	-569.615	0.000	0.000	0.0000
17	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	172.615	0.000	0.0000
17	0.59173	SLE_SISMA _UP	NonStatic	Max	0.000	246.780	0.000	0.0000
17	1.18346	SLE_SISMA _UP	NonStatic	Max	0.000	320.945	0.000	0.0000
17	0.00000	SLE_SISMA _UP	NonStatic	Min	-521.261	0.000	0.000	0.0000
17	0.59173	SLE_SISMA _UP	NonStatic	Min	-542.445	0.000	0.000	0.0000
17	1.18346	SLE_SISMA _UP	NonStatic	Min	-563.629	0.000	0.000	0.0000
17	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	216.689	0.000	0.0000
17	0.59173	SLU_SISMA _DOWN	NonStatic	Max	0.000	298.876	0.000	0.0000
17	1.18346	SLU_SISMA _DOWN	NonStatic	Max	0.000	381.063	0.000	0.0000
17	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-690.080	0.000	0.000	0.0000
17	0.59173	SLU_SISMA _DOWN	NonStatic	Min	-716.552	0.000	0.000	0.0000
17	1.18346	SLU_SISMA _DOWN	NonStatic	Min	-743.025	0.000	0.000	0.0000
17	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	161.314	0.000	0.0000
17	0.59173	SLU_SISMA _UP	NonStatic	Max	0.000	231.612	0.000	0.0000
17	1.18346	SLU_SISMA _UP	NonStatic	Max	0.000	301.909	0.000	0.0000
17	0.00000	SLU_SISMA _UP	NonStatic	Min	-683.717	0.000	0.000	0.0000
17	0.59173	SLU_SISMA _UP	NonStatic	Min	-705.471	0.000	0.000	0.0000
17	1.18346	SLU_SISMA _UP	NonStatic	Min	-727.224	0.000	0.000	0.0000
18	0.00000	SLE	NonStatic	Max	0.000	222.662	0.000	0.0000
18	0.59173	SLE	NonStatic	Max	0.000	300.234	0.000	0.0000
18	1.18346	SLE	NonStatic	Max	0.000	377.934	0.000	0.0000
18	0.00000	SLE	NonStatic	Min	-555.947	0.000	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
18	0.59173	SLE	NonStatic	Min	-583.324	0.000	0.000	0.0000
18	1.18346	SLE	NonStatic	Min	-610.776	0.000	0.000	0.0000
18	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	264.461	0.000	0.0000
18	0.59173	SLE_SISMA _DOWN	NonStatic	Max	0.000	342.414	0.000	0.0000
18	1.18346	SLE_SISMA _DOWN	NonStatic	Max	0.000	420.500	0.000	0.0000
18	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-616.459	0.000	0.000	0.0000
18	0.59173	SLE_SISMA _DOWN	NonStatic	Min	-648.339	0.000	0.000	0.0000
18	1.18346	SLE_SISMA _DOWN	NonStatic	Min	-680.295	0.000	0.000	0.0000
18	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	232.426	0.000	0.0000
18	0.59173	SLE_SISMA _UP	NonStatic	Max	0.000	305.505	0.000	0.0000
18	1.18346	SLE_SISMA _UP	NonStatic	Max	0.000	378.704	0.000	0.0000
18	0.00000	SLE_SISMA _UP	NonStatic	Min	-605.526	0.000	0.000	0.0000
18	0.59173	SLE_SISMA _UP	NonStatic	Min	-634.555	0.000	0.000	0.0000
18	1.18346	SLE_SISMA _UP	NonStatic	Min	-663.655	0.000	0.000	0.0000
18	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	264.850	0.000	0.0000
18	0.59173	SLU_SISMA _DOWN	NonStatic	Max	0.000	344.935	0.000	0.0000
18	1.18346	SLU_SISMA _DOWN	NonStatic	Max	0.000	425.157	0.000	0.0000
18	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-791.928	0.000	0.000	0.0000
18	0.59173	SLU_SISMA _DOWN	NonStatic	Min	-827.846	0.000	0.000	0.0000
18	1.18346	SLU_SISMA _DOWN	NonStatic	Min	-863.845	0.000	0.000	0.0000
18	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	188.977	0.000	0.0000
18	0.59173	SLU_SISMA _UP	NonStatic	Max	0.000	257.875	0.000	0.0000
18	1.18346	SLU_SISMA _UP	NonStatic	Max	0.000	326.891	0.000	0.0000
18	0.00000	SLU_SISMA _UP	NonStatic	Min	-764.390	0.000	0.000	0.0000
18	0.59173	SLU_SISMA _UP	NonStatic	Min	-793.769	0.000	0.000	0.0000
18	1.18346	SLU_SISMA _UP	NonStatic	Min	-823.218	0.000	0.000	0.0000
19	0.00000	SLE	NonStatic	Max	0.000	281.658	0.000	0.0000
19	0.59173	SLE	NonStatic	Max	0.000	358.691	0.000	0.0000
19	1.18346	SLE	NonStatic	Max	0.000	436.875	0.000	0.0000
19	0.00000	SLE	NonStatic	Min	-660.715	0.000	0.000	0.0000
19	0.59173	SLE	NonStatic	Min	-695.427	0.000	0.000	0.0000
19	1.18346	SLE	NonStatic	Min	-731.069	0.000	0.000	0.0000
19	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	313.281	0.000	0.0000
19	0.59173	SLE_SISMA _DOWN	NonStatic	Max	0.000	389.467	0.000	0.0000
19	1.18346	SLE_SISMA _DOWN	NonStatic	Max	0.000	466.841	0.000	0.0000
19	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-735.850	0.000	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
19	0.59173	SLE_SISMA _DOWN	NonStatic	Min	-775.798	0.000	0.000	0.0000
19	1.18346	SLE_SISMA _DOWN	NonStatic	Min	-816.706	0.000	0.000	0.0000
19	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	274.467	0.000	0.0000
19	0.59173	SLE_SISMA _UP	NonStatic	Max	0.000	346.198	0.000	0.0000
19	1.18346	SLE_SISMA _UP	NonStatic	Max	0.000	419.014	0.000	0.0000
19	0.00000	SLE_SISMA _UP	NonStatic	Min	-713.108	0.000	0.000	0.0000
19	0.59173	SLE_SISMA _UP	NonStatic	Min	-749.452	0.000	0.000	0.0000
19	1.18346	SLE_SISMA _UP	NonStatic	Min	-786.674	0.000	0.000	0.0000
19	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	290.250	0.000	0.0000
19	0.59173	SLU_SISMA _DOWN	NonStatic	Max	0.000	367.863	0.000	0.0000
19	1.18346	SLU_SISMA _DOWN	NonStatic	Max	0.000	446.717	0.000	0.0000
19	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-918.009	0.000	0.000	0.0000
19	0.59173	SLU_SISMA _DOWN	NonStatic	Min	-962.432	0.000	0.000	0.0000
19	1.18346	SLU_SISMA _DOWN	NonStatic	Min	-1007.859	0.000	0.000	0.0000
19	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	199.222	0.000	0.0000
19	0.59173	SLU_SISMA _UP	NonStatic	Max	0.000	266.643	0.000	0.0000
19	1.18346	SLU_SISMA _UP	NonStatic	Max	0.000	335.122	0.000	0.0000
19	0.00000	SLU_SISMA _UP	NonStatic	Min	-863.050	0.000	0.000	0.0000
19	0.59173	SLU_SISMA _UP	NonStatic	Min	-899.230	0.000	0.000	0.0000
19	1.18346	SLU_SISMA _UP	NonStatic	Min	-936.265	0.000	0.000	0.0000
20	0.00000	SLE	NonStatic	Max	0.000	321.817	0.000	0.0000
20	0.59173	SLE	NonStatic	Max	0.000	399.086	0.000	0.0000
20	1.18346	SLE	NonStatic	Max	0.000	478.499	0.000	0.0000
20	0.00000	SLE	NonStatic	Min	-788.511	0.000	0.000	0.0000
20	0.59173	SLE	NonStatic	Min	-831.331	0.000	0.000	0.0000
20	1.18346	SLE	NonStatic	Min	-876.501	0.000	0.000	0.0000
20	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	338.556	0.000	0.0000
20	0.59173	SLE_SISMA _DOWN	NonStatic	Max	0.000	413.646	0.000	0.0000
20	1.18346	SLE_SISMA _DOWN	NonStatic	Max	0.000	490.947	0.000	0.0000
20	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-877.684	0.000	0.000	0.0000
20	0.59173	SLE_SISMA _DOWN	NonStatic	Min	-926.139	0.000	0.000	0.0000
20	1.18346	SLE_SISMA _DOWN	NonStatic	Min	-977.020	0.000	0.000	0.0000
20	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	295.797	0.000	0.0000
20	0.59173	SLE_SISMA _UP	NonStatic	Max	0.000	366.878	0.000	0.0000
20	1.18346	SLE_SISMA _UP	NonStatic	Max	0.000	439.982	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
20	0.00000	SLE_SISMA _UP	NonStatic	Min	-840.794	0.000	0.000	0.0000
20	0.59173	SLE_SISMA _UP	NonStatic	Min	-884.855	0.000	0.000	0.0000
20	1.18346	SLE_SISMA _UP	NonStatic	Min	-931.135	0.000	0.000	0.0000
20	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	289.882	0.000	0.0000
20	0.59173	SLU_SISMA _DOWN	NonStatic	Max	0.000	365.883	0.000	0.0000
20	1.18346	SLU_SISMA _DOWN	NonStatic	Max	0.000	444.199	0.000	0.0000
20	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1063.628	0.000	0.000	0.0000
20	0.59173	SLU_SISMA _DOWN	NonStatic	Min	-1116.691	0.000	0.000	0.0000
20	1.18346	SLU_SISMA _DOWN	NonStatic	Min	-1172.292	0.000	0.000	0.0000
20	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	190.339	0.000	0.0000
20	0.59173	SLU_SISMA _UP	NonStatic	Max	0.000	257.292	0.000	0.0000
20	1.18346	SLU_SISMA _UP	NonStatic	Max	0.000	326.218	0.000	0.0000
20	0.00000	SLU_SISMA _UP	NonStatic	Min	-976.048	0.000	0.000	0.0000
20	0.59173	SLU_SISMA _UP	NonStatic	Min	-1019.195	0.000	0.000	0.0000
20	1.18346	SLU_SISMA _UP	NonStatic	Min	-1064.503	0.000	0.000	0.0000
21	0.00000	SLE	NonStatic	Max	0.000	337.854	0.000	0.0000
21	0.59164	SLE	NonStatic	Max	0.000	415.344	0.000	0.0000
21	1.18328	SLE	NonStatic	Max	0.000	495.816	0.000	0.0000
21	0.00000	SLE	NonStatic	Min	-939.715	0.000	0.000	0.0000
21	0.59164	SLE	NonStatic	Min	-991.958	0.000	0.000	0.0000
21	1.18328	SLE	NonStatic	Min	-1048.701	0.000	0.000	0.0000
21	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	334.687	0.000	0.0000
21	0.59164	SLE_SISMA _DOWN	NonStatic	Max	0.000	408.623	0.000	0.0000
21	1.18328	SLE_SISMA _DOWN	NonStatic	Max	0.000	485.636	0.000	0.0000
21	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-1040.952	0.000	0.000	0.0000
21	0.59164	SLE_SISMA _DOWN	NonStatic	Min	-1098.879	0.000	0.000	0.0000
21	1.18328	SLE_SISMA _DOWN	NonStatic	Min	-1161.450	0.000	0.000	0.0000
21	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	291.393	0.000	0.0000
21	0.59164	SLE_SISMA _UP	NonStatic	Max	0.000	361.854	0.000	0.0000
21	1.18328	SLE_SISMA _UP	NonStatic	Max	0.000	435.130	0.000	0.0000
21	0.00000	SLE_SISMA _UP	NonStatic	Min	-987.769	0.000	0.000	0.0000
21	0.59164	SLE_SISMA _UP	NonStatic	Min	-1040.449	0.000	0.000	0.0000
21	1.18328	SLE_SISMA _UP	NonStatic	Min	-1097.377	0.000	0.000	0.0000
21	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	258.434	0.000	0.0000
21	0.59164	SLU_SISMA _DOWN	NonStatic	Max	0.000	333.020	0.000	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
21	1.18328	SLU_SISMA _DOWN	NonStatic	Max	0.000	410.826	0.000	0.0000
21	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1226.700	0.000	0.000	0.0000
21	0.59164	SLU_SISMA _DOWN	NonStatic	Min	-1289.167	0.000	0.000	0.0000
21	1.18328	SLU_SISMA _DOWN	NonStatic	Min	-1356.496	0.000	0.000	0.0000
21	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	158.453	0.000	0.0000
21	0.59164	SLU_SISMA _UP	NonStatic	Max	0.000	225.395	0.000	0.0000
21	1.18328	SLU_SISMA _UP	NonStatic	Max	0.000	295.080	0.000	0.0000
21	0.00000	SLU_SISMA _UP	NonStatic	Min	-1102.033	0.000	0.000	0.0000
21	0.59164	SLU_SISMA _UP	NonStatic	Min	-1152.959	0.000	0.000	0.0000
21	1.18328	SLU_SISMA _UP	NonStatic	Min	-1208.026	0.000	0.000	0.0000
22	0.00000	SLE	NonStatic	Max	0.000	315.232	0.000	0.0000
22	0.59160	SLE	NonStatic	Max	0.000	389.223	0.000	0.0000
22	1.18320	SLE	NonStatic	Max	0.000	462.041	0.000	0.0000
22	0.00000	SLE	NonStatic	Min	-1116.347	0.000	0.000	0.0000
22	0.59160	SLE	NonStatic	Min	-1174.582	0.000	0.000	0.0000
22	1.18320	SLE	NonStatic	Min	-1230.182	0.000	0.000	0.0000
22	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	286.521	0.000	0.0000
22	0.59160	SLE_SISMA _DOWN	NonStatic	Max	0.000	355.490	0.000	0.0000
22	1.18320	SLE_SISMA _DOWN	NonStatic	Max	0.000	423.250	0.000	0.0000
22	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-1225.853	0.000	0.000	0.0000
22	0.59160	SLE_SISMA _DOWN	NonStatic	Min	-1289.253	0.000	0.000	0.0000
22	1.18320	SLE_SISMA _DOWN	NonStatic	Min	-1349.933	0.000	0.000	0.0000
22	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	247.326	0.000	0.0000
22	0.59160	SLE_SISMA _UP	NonStatic	Max	0.000	313.755	0.000	0.0000
22	1.18320	SLE_SISMA _UP	NonStatic	Max	0.000	379.077	0.000	0.0000
22	0.00000	SLE_SISMA _UP	NonStatic	Min	-1154.298	0.000	0.000	0.0000
22	0.59160	SLE_SISMA _UP	NonStatic	Min	-1211.986	0.000	0.000	0.0000
22	1.18320	SLE_SISMA _UP	NonStatic	Min	-1267.186	0.000	0.000	0.0000
22	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	180.704	0.000	0.0000
22	0.59160	SLU_SISMA _DOWN	NonStatic	Max	0.000	250.194	0.000	0.0000
22	1.18320	SLU_SISMA _DOWN	NonStatic	Max	0.000	318.418	0.000	0.0000
22	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1405.810	0.000	0.000	0.0000
22	0.59160	SLU_SISMA _DOWN	NonStatic	Min	-1473.354	0.000	0.000	0.0000
22	1.18320	SLU_SISMA _DOWN	NonStatic	Min	-1538.052	0.000	0.000	0.0000
22	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	98.732	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
22	0.59160	SLU_SISMA _UP	NonStatic	Max	0.000	162.797	0.000	0.0000
22	1.18320	SLU_SISMA _UP	NonStatic	Max	0.000	225.783	0.000	0.0000
22	0.00000	SLU_SISMA _UP	NonStatic	Min	-1240.218	0.000	0.000	0.0000
22	0.59160	SLU_SISMA _UP	NonStatic	Min	-1295.566	0.000	0.000	0.0000
22	1.18320	SLU_SISMA _UP	NonStatic	Min	-1348.489	0.000	0.000	0.0000
23	0.00000	SLE	NonStatic	Max	0.000	250.565	0.000	0.0000
23	0.59160	SLE	NonStatic	Max	0.000	316.655	0.000	0.0000
23	1.18320	SLE	NonStatic	Max	0.000	382.065	0.000	0.0000
23	0.00000	SLE	NonStatic	Min	-1289.978	0.000	0.000	0.0000
23	0.59160	SLE	NonStatic	Min	-1338.140	0.000	0.000	0.0000
23	1.18320	SLE	NonStatic	Min	-1383.652	0.000	0.000	0.0000
23	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	192.363	0.000	0.0000
23	0.59160	SLE_SISMA _DOWN	NonStatic	Max	0.000	252.091	0.000	0.0000
23	1.18320	SLE_SISMA _DOWN	NonStatic	Max	0.000	311.118	0.000	0.0000
23	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-1401.591	0.000	0.000	0.0000
23	0.59160	SLE_SISMA _DOWN	NonStatic	Min	-1453.480	0.000	0.000	0.0000
23	1.18320	SLE_SISMA _DOWN	NonStatic	Min	-1502.634	0.000	0.000	0.0000
23	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	162.597	0.000	0.0000
23	0.59160	SLE_SISMA _UP	NonStatic	Max	0.000	221.129	0.000	0.0000
23	1.18320	SLE_SISMA _UP	NonStatic	Max	0.000	279.019	0.000	0.0000
23	0.00000	SLE_SISMA _UP	NonStatic	Min	-1312.639	0.000	0.000	0.0000
23	0.59160	SLE_SISMA _UP	NonStatic	Min	-1359.864	0.000	0.000	0.0000
23	1.18320	SLE_SISMA _UP	NonStatic	Min	-1404.588	0.000	0.000	0.0000
23	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	87.690	0.000	0.0000
23	0.59160	SLU_SISMA _DOWN	NonStatic	Max	0.000	147.984	0.000	0.0000
23	1.18320	SLU_SISMA _DOWN	NonStatic	Max	0.000	207.544	0.000	0.0000
23	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1569.608	0.000	0.000	0.0000
23	0.59160	SLU_SISMA _DOWN	NonStatic	Min	-1624.478	0.000	0.000	0.0000
23	1.18320	SLU_SISMA _DOWN	NonStatic	Min	-1676.486	0.000	0.000	0.0000
23	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	35.976	0.000	0.0000
23	0.59160	SLU_SISMA _UP	NonStatic	Max	0.000	93.758	0.000	0.0000
23	1.18320	SLU_SISMA _UP	NonStatic	Max	0.000	150.915	0.000	0.0000
23	0.00000	SLU_SISMA _UP	NonStatic	Min	-1368.029	0.000	0.000	0.0000
23	0.59160	SLU_SISMA _UP	NonStatic	Min	-1413.107	0.000	0.000	0.0000
23	1.18320	SLU_SISMA _UP	NonStatic	Min	-1455.748	0.000	0.000	0.0000
24	0.00000	SLE	NonStatic	Max	0.000	146.130	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
24	0.59162	SLE	NonStatic	Max	0.000	208.558	0.000	0.0000
24	1.18323	SLE	NonStatic	Max	0.000	270.917	0.000	0.0000
24	0.00000	SLE	NonStatic	Min	-1427.974	0.000	0.000	0.0000
24	0.59162	SLE	NonStatic	Min	-1461.815	0.000	0.000	0.0000
24	1.18323	SLE	NonStatic	Min	-1494.845	0.000	0.000	0.0000
24	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	77.219	0.000	0.0000
24	0.59162	SLE_SISMA _DOWN	NonStatic	Max	0.000	132.484	0.000	0.0000
24	1.18323	SLE_SISMA _DOWN	NonStatic	Max	0.000	187.678	0.000	0.0000
24	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-1533.469	0.000	0.000	0.0000
24	0.59162	SLE_SISMA _DOWN	NonStatic	Min	-1569.167	0.000	0.000	0.0000
24	1.18323	SLE_SISMA _DOWN	NonStatic	Min	-1604.029	0.000	0.000	0.0000
24	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	62.534	0.000	0.0000
24	0.59162	SLE_SISMA _UP	NonStatic	Max	0.000	117.535	0.000	0.0000
24	1.18323	SLE_SISMA _UP	NonStatic	Max	0.000	172.472	0.000	0.0000
24	0.00000	SLE_SISMA _UP	NonStatic	Min	-1431.445	0.000	0.000	0.0000
24	0.59162	SLE_SISMA _UP	NonStatic	Min	-1464.002	0.000	0.000	0.0000
24	1.18323	SLE_SISMA _UP	NonStatic	Min	-1495.793	0.000	0.000	0.0000
24	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	10.410	0.000	0.0000
24	0.59162	SLU_SISMA _DOWN	NonStatic	Max	0.000	66.790	0.000	0.0000
24	1.18323	SLU_SISMA _DOWN	NonStatic	Max	0.000	123.097	0.000	0.0000
24	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1692.086	0.000	0.000	0.0000
24	0.59162	SLU_SISMA _DOWN	NonStatic	Min	-1729.566	0.000	0.000	0.0000
24	1.18323	SLU_SISMA _DOWN	NonStatic	Min	-1766.171	0.000	0.000	0.0000
24	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
24	0.59162	SLU_SISMA _UP	NonStatic	Max	0.000	49.894	0.000	0.0000
24	1.18323	SLU_SISMA _UP	NonStatic	Max	0.000	105.690	0.000	0.0000
24	0.00000	SLU_SISMA _UP	NonStatic	Min	-1465.561	-5.965	0.000	0.0000
24	0.59162	SLU_SISMA _UP	NonStatic	Min	-1496.826	0.000	0.000	0.0000
24	1.18323	SLU_SISMA _UP	NonStatic	Min	-1527.346	0.000	0.000	0.0000
25	0.00000	SLE	NonStatic	Max	0.000	148.781	0.000	0.0000
25	0.44749	SLE	NonStatic	Max	0.000	197.821	0.000	0.0000
25	0.89498	SLE	NonStatic	Max	0.000	246.861	0.000	0.0000
25	0.00000	SLE	NonStatic	Min	-1512.265	0.000	0.000	0.0000
25	0.44749	SLE	NonStatic	Min	-1532.123	0.000	0.000	0.0000
25	0.89498	SLE	NonStatic	Min	-1552.316	0.000	0.000	0.0000
25	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	97.352	0.000	0.0000
25	0.44749	SLE_SISMA _DOWN	NonStatic	Max	0.000	140.856	0.000	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
25	0.89498	SLE_SISMA _DOWN	NonStatic	Max	0.000	184.361	0.000	0.0000
25	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-1615.731	0.000	0.000	0.0000
25	0.44749	SLE_SISMA _DOWN	NonStatic	Min	-1636.225	0.000	0.000	0.0000
25	0.89498	SLE_SISMA _DOWN	NonStatic	Min	-1657.065	0.000	0.000	0.0000
25	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	91.607	0.000	0.0000
25	0.44749	SLE_SISMA _UP	NonStatic	Max	0.000	135.112	0.000	0.0000
25	0.89498	SLE_SISMA _UP	NonStatic	Max	0.000	178.617	0.000	0.0000
25	0.00000	SLE_SISMA _UP	NonStatic	Min	-1506.655	0.000	0.000	0.0000
25	0.44749	SLE_SISMA _UP	NonStatic	Min	-1525.401	0.000	0.000	0.0000
25	0.89498	SLE_SISMA _UP	NonStatic	Min	-1544.464	0.000	0.000	0.0000
25	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	83.272	0.000	0.0000
25	0.44749	SLU_SISMA _DOWN	NonStatic	Max	0.000	128.297	0.000	0.0000
25	0.89498	SLU_SISMA _DOWN	NonStatic	Max	0.000	173.322	0.000	0.0000
25	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1774.887	0.000	0.000	0.0000
25	0.44749	SLU_SISMA _DOWN	NonStatic	Min	-1796.333	0.000	0.000	0.0000
25	0.89498	SLU_SISMA _DOWN	NonStatic	Min	-1818.142	0.000	0.000	0.0000
25	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	83.221	0.000	0.0000
25	0.44749	SLU_SISMA _UP	NonStatic	Max	0.000	128.246	0.000	0.0000
25	0.89498	SLU_SISMA _UP	NonStatic	Max	0.000	173.271	0.000	0.0000
25	0.00000	SLU_SISMA _UP	NonStatic	Min	-1535.388	0.000	0.000	0.0000
25	0.44749	SLU_SISMA _UP	NonStatic	Min	-1553.657	0.000	0.000	0.0000
25	0.89498	SLU_SISMA _UP	NonStatic	Min	-1572.236	0.000	0.000	0.0000
26	0.00000	SLE	NonStatic	Max	0.000	254.315	0.000	0.0000
26	0.44749	SLE	NonStatic	Max	0.000	306.752	0.000	0.0000
26	0.89498	SLE	NonStatic	Max	0.000	359.189	0.000	0.0000
26	0.00000	SLE	NonStatic	Min	-1552.312	0.000	0.000	0.0000
26	0.44749	SLE	NonStatic	Min	-1573.204	0.000	0.000	0.0000
26	0.89498	SLE	NonStatic	Min	-1595.159	0.000	0.000	0.0000
26	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	232.411	0.000	0.0000
26	0.44749	SLE_SISMA _DOWN	NonStatic	Max	0.000	279.312	0.000	0.0000
26	0.89498	SLE_SISMA _DOWN	NonStatic	Max	0.000	326.214	0.000	0.0000
26	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-1657.061	0.000	0.000	0.0000
26	0.44749	SLE_SISMA _DOWN	NonStatic	Min	-1678.622	0.000	0.000	0.0000
26	0.89498	SLE_SISMA _DOWN	NonStatic	Min	-1701.279	0.000	0.000	0.0000
26	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	226.194	0.000	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
26	0.44749	SLE_SISMA _UP	NonStatic	Max	0.000	273.095	0.000	0.0000
26	0.89498	SLE_SISMA _UP	NonStatic	Max	0.000	319.997	0.000	0.0000
26	0.00000	SLE_SISMA _UP	NonStatic	Min	-1544.461	0.000	0.000	0.0000
26	0.44749	SLE_SISMA _UP	NonStatic	Min	-1564.183	0.000	0.000	0.0000
26	0.89498	SLE_SISMA _UP	NonStatic	Min	-1584.908	0.000	0.000	0.0000
26	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	275.442	0.000	0.0000
26	0.44749	SLU_SISMA _DOWN	NonStatic	Max	0.000	324.540	0.000	0.0000
26	0.89498	SLU_SISMA _DOWN	NonStatic	Max	0.000	373.638	0.000	0.0000
26	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1818.139	0.000	0.000	0.0000
26	0.44749	SLU_SISMA _DOWN	NonStatic	Min	-1840.702	0.000	0.000	0.0000
26	0.89498	SLU_SISMA _DOWN	NonStatic	Min	-1864.413	0.000	0.000	0.0000
26	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	271.470	0.000	0.0000
26	0.44749	SLU_SISMA _UP	NonStatic	Max	0.000	320.568	0.000	0.0000
26	0.89498	SLU_SISMA _UP	NonStatic	Max	0.000	369.666	0.000	0.0000
26	0.00000	SLU_SISMA _UP	NonStatic	Min	-1572.232	0.000	0.000	0.0000
26	0.44749	SLU_SISMA _UP	NonStatic	Min	-1591.453	0.000	0.000	0.0000
26	0.89498	SLU_SISMA _UP	NonStatic	Min	-1611.651	0.000	0.000	0.0000
27	0.00000	SLE	NonStatic	Max	0.000	366.013	0.000	0.0000
27	0.44747	SLE	NonStatic	Max	0.000	421.883	0.000	0.0000
27	0.89493	SLE	NonStatic	Max	0.000	477.753	0.000	0.0000
27	0.00000	SLE	NonStatic	Min	-1595.153	0.000	0.000	0.0000
27	0.44747	SLE	NonStatic	Min	-1618.588	0.000	0.000	0.0000
27	0.89493	SLE	NonStatic	Min	-1643.925	0.000	0.000	0.0000
27	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	371.701	0.000	0.0000
27	0.44747	SLE_SISMA _DOWN	NonStatic	Max	0.000	422.035	0.000	0.0000
27	0.89493	SLE_SISMA _DOWN	NonStatic	Max	0.000	472.369	0.000	0.0000
27	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-1701.273	0.000	0.000	0.0000
27	0.44747	SLE_SISMA _DOWN	NonStatic	Min	-1725.459	0.000	0.000	0.0000
27	0.89493	SLE_SISMA _DOWN	NonStatic	Min	-1751.606	0.000	0.000	0.0000
27	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	365.108	0.000	0.0000
27	0.44747	SLE_SISMA _UP	NonStatic	Max	0.000	415.442	0.000	0.0000
27	0.89493	SLE_SISMA _UP	NonStatic	Max	0.000	465.777	0.000	0.0000
27	0.00000	SLE_SISMA _UP	NonStatic	Min	-1584.902	0.000	0.000	0.0000
27	0.44747	SLE_SISMA _UP	NonStatic	Min	-1607.025	0.000	0.000	0.0000
27	0.89493	SLE_SISMA _UP	NonStatic	Min	-1630.943	0.000	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
27	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	470.705	0.000	0.0000
27	0.44747	SLU_SISMA _DOWN	NonStatic	Max	0.000	523.919	0.000	0.0000
27	0.89493	SLU_SISMA _DOWN	NonStatic	Max	0.000	577.133	0.000	0.0000
27	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1864.407	0.000	0.000	0.0000
27	0.44747	SLU_SISMA _DOWN	NonStatic	Min	-1889.717	0.000	0.000	0.0000
27	0.89493	SLU_SISMA _DOWN	NonStatic	Min	-1917.081	0.000	0.000	0.0000
27	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	463.041	0.000	0.0000
27	0.44747	SLU_SISMA _UP	NonStatic	Max	0.000	516.255	0.000	0.0000
27	0.89493	SLU_SISMA _UP	NonStatic	Max	0.000	569.469	0.000	0.0000
27	0.00000	SLU_SISMA _UP	NonStatic	Min	-1611.644	0.000	0.000	0.0000
27	0.44747	SLU_SISMA _UP	NonStatic	Min	-1633.205	0.000	0.000	0.0000
27	0.89493	SLU_SISMA _UP	NonStatic	Min	-1656.515	0.000	0.000	0.0000
28	0.00000	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
28	0.44607	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
28	0.89214	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
28	0.00000	SLE	NonStatic	Min	-392.134	-1885.182	0.000	0.0000
28	0.44607	SLE	NonStatic	Min	-419.707	-1826.102	0.000	0.0000
28	0.89214	SLE	NonStatic	Min	-450.012	-1767.021	0.000	0.0000
28	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
28	0.44607	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
28	0.89214	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
28	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-496.774	-1861.189	0.000	0.0000
28	0.44607	SLE_SISMA _DOWN	NonStatic	Min	-525.229	-1807.626	0.000	0.0000
28	0.89214	SLE_SISMA _DOWN	NonStatic	Min	-556.504	-1754.064	0.000	0.0000
28	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
28	0.44607	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
28	0.89214	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
28	0.00000	SLE_SISMA _UP	NonStatic	Min	-468.538	-1692.389	0.000	0.0000
28	0.44607	SLE_SISMA _UP	NonStatic	Min	-494.566	-1638.826	0.000	0.0000
28	0.89214	SLE_SISMA _UP	NonStatic	Min	-523.174	-1585.263	0.000	0.0000
28	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
28	0.44607	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
28	0.89214	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
28	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-637.534	-1755.627	0.000	0.0000
28	0.44607	SLU_SISMA _DOWN	NonStatic	Min	-667.313	-1698.520	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
28	0.89214	SLU_SISMA _DOWN	NonStatic	Min	-700.042	-1641.413	0.000	0.0000
28	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
28	0.44607	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
28	0.89214	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
28	0.00000	SLU_SISMA _UP	NonStatic	Min	-570.653	-1399.891	0.000	0.0000
28	0.44607	SLU_SISMA _UP	NonStatic	Min	-596.020	-1342.784	0.000	0.0000
28	0.89214	SLU_SISMA _UP	NonStatic	Min	-623.900	-1285.677	0.000	0.0000
29	0.00000	SLE	NonStatic	Max	1764.833	334.510	0.000	0.0000
29	0.41276	SLE	NonStatic	Max	1764.833	346.893	0.000	0.0000
29	0.82552	SLE	NonStatic	Max	1764.833	359.276	0.000	0.0000
29	0.00000	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
29	0.41276	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
29	0.82552	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
29	0.00000	SLE_SISMA _DOWN	NonStatic	Max	1734.524	430.372	0.000	0.0000
29	0.41276	SLE_SISMA _DOWN	NonStatic	Max	1734.524	443.151	0.000	0.0000
29	0.82552	SLE_SISMA _DOWN	NonStatic	Max	1734.524	455.930	0.000	0.0000
29	0.00000	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
29	0.41276	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
29	0.82552	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
29	0.00000	SLE_SISMA _UP	NonStatic	Max	1565.760	405.991	0.000	0.0000
29	0.41276	SLE_SISMA _UP	NonStatic	Max	1565.760	417.680	0.000	0.0000
29	0.82552	SLE_SISMA _UP	NonStatic	Max	1565.760	429.370	0.000	0.0000
29	0.00000	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
29	0.41276	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
29	0.82552	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
29	0.00000	SLU_SISMA _DOWN	NonStatic	Max	1598.607	558.801	0.000	0.0000
29	0.41276	SLU_SISMA _DOWN	NonStatic	Max	1598.607	572.175	0.000	0.0000
29	0.82552	SLU_SISMA _DOWN	NonStatic	Max	1598.607	585.548	0.000	0.0000
29	0.00000	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
29	0.41276	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
29	0.82552	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
29	0.00000	SLU_SISMA _UP	NonStatic	Max	1244.369	501.331	0.000	0.0000
29	0.41276	SLU_SISMA _UP	NonStatic	Max	1244.369	512.724	0.000	0.0000
29	0.82552	SLU_SISMA _UP	NonStatic	Max	1244.369	524.116	0.000	0.0000
29	0.00000	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
29	0.41276	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
29	0.82552	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
30	0.00000	SLE	NonStatic	Max	1764.833	130.000	0.000	0.0000
30	0.41276	SLE	NonStatic	Max	1764.833	142.383	0.000	0.0000
30	0.82552	SLE	NonStatic	Max	1764.833	154.766	0.000	0.0000
30	0.00000	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
30	0.41276	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
30	0.82552	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
30	0.00000	SLE_SISMA _DOWN	NonStatic	Max	1734.524	207.234	0.000	0.0000
30	0.41276	SLE_SISMA _DOWN	NonStatic	Max	1734.524	220.013	0.000	0.0000
30	0.82552	SLE_SISMA _DOWN	NonStatic	Max	1734.524	232.792	0.000	0.0000
30	0.00000	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
30	0.41276	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
30	0.82552	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
30	0.00000	SLE_SISMA _UP	NonStatic	Max	1565.760	198.381	0.000	0.0000
30	0.41276	SLE_SISMA _UP	NonStatic	Max	1565.760	210.071	0.000	0.0000
30	0.82552	SLE_SISMA _UP	NonStatic	Max	1565.760	221.760	0.000	0.0000
30	0.00000	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
30	0.41276	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
30	0.82552	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
30	0.00000	SLU_SISMA _DOWN	NonStatic	Max	1598.607	308.976	0.000	0.0000
30	0.41276	SLU_SISMA _DOWN	NonStatic	Max	1598.607	322.350	0.000	0.0000
30	0.82552	SLU_SISMA _DOWN	NonStatic	Max	1598.607	335.723	0.000	0.0000
30	0.00000	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
30	0.41276	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
30	0.82552	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
30	0.00000	SLU_SISMA _UP	NonStatic	Max	1244.369	284.466	0.000	0.0000
30	0.41276	SLU_SISMA _UP	NonStatic	Max	1244.369	295.858	0.000	0.0000
30	0.82552	SLU_SISMA _UP	NonStatic	Max	1244.369	307.250	0.000	0.0000
30	0.00000	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
30	0.41276	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
30	0.82552	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
31	0.00000	SLE	NonStatic	Max	0.000	880.528	0.000	0.0000
31	0.51989	SLE	NonStatic	Max	0.000	894.926	0.000	0.0000
31	1.03978	SLE	NonStatic	Max	0.000	909.323	0.000	0.0000
31	0.00000	SLE	NonStatic	Min	-1076.389	0.000	0.000	0.0000
31	0.51989	SLE	NonStatic	Min	-1082.387	0.000	0.000	0.0000
31	1.03978	SLE	NonStatic	Min	-1088.384	0.000	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
31	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	915.526	0.000	0.0000
31	0.51989	SLE_SISMA _DOWN	NonStatic	Max	0.000	930.384	0.000	0.0000
31	1.03978	SLE_SISMA _DOWN	NonStatic	Max	0.000	945.242	0.000	0.0000
31	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-1139.581	0.000	0.000	0.0000
31	0.51989	SLE_SISMA _DOWN	NonStatic	Min	-1145.771	0.000	0.000	0.0000
31	1.03978	SLE_SISMA _DOWN	NonStatic	Min	-1151.961	0.000	0.000	0.0000
31	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	836.312	0.000	0.0000
31	0.51989	SLE_SISMA _UP	NonStatic	Max	0.000	849.903	0.000	0.0000
31	1.03978	SLE_SISMA _UP	NonStatic	Max	0.000	863.494	0.000	0.0000
31	0.00000	SLE_SISMA _UP	NonStatic	Min	-1094.906	0.000	0.000	0.0000
31	0.51989	SLE_SISMA _UP	NonStatic	Min	-1100.568	0.000	0.000	0.0000
31	1.03978	SLE_SISMA _UP	NonStatic	Min	-1106.230	0.000	0.000	0.0000
31	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	926.720	0.000	0.0000
31	0.51989	SLU_SISMA _DOWN	NonStatic	Max	0.000	942.269	0.000	0.0000
31	1.03978	SLU_SISMA _DOWN	NonStatic	Max	0.000	957.818	0.000	0.0000
31	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1354.782	0.000	0.000	0.0000
31	0.51989	SLU_SISMA _DOWN	NonStatic	Min	-1361.260	0.000	0.000	0.0000
31	1.03978	SLU_SISMA _DOWN	NonStatic	Min	-1367.737	0.000	0.000	0.0000
31	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	756.826	0.000	0.0000
31	0.51989	SLU_SISMA _UP	NonStatic	Max	0.000	770.071	0.000	0.0000
31	1.03978	SLU_SISMA _UP	NonStatic	Max	0.000	783.317	0.000	0.0000
31	0.00000	SLU_SISMA _UP	NonStatic	Min	-1261.307	0.000	0.000	0.0000
31	0.51989	SLU_SISMA _UP	NonStatic	Min	-1266.825	0.000	0.000	0.0000
31	1.03978	SLU_SISMA _UP	NonStatic	Min	-1272.343	0.000	0.000	0.0000
32	0.00000	SLE	NonStatic	Max	0.000	721.263	0.000	0.0000
32	0.51989	SLE	NonStatic	Max	0.000	736.054	0.000	0.0000
32	1.03978	SLE	NonStatic	Max	0.000	750.844	0.000	0.0000
32	0.00000	SLE	NonStatic	Min	-1029.725	0.000	0.000	0.0000
32	0.51989	SLE	NonStatic	Min	-1034.675	0.000	0.000	0.0000
32	1.03978	SLE	NonStatic	Min	-1039.625	0.000	0.000	0.0000
32	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	727.829	0.000	0.0000
32	0.51989	SLE_SISMA _DOWN	NonStatic	Max	0.000	743.093	0.000	0.0000
32	1.03978	SLE_SISMA _DOWN	NonStatic	Max	0.000	758.357	0.000	0.0000
32	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-1091.820	0.000	0.000	0.0000
32	0.51989	SLE_SISMA _DOWN	NonStatic	Min	-1096.929	0.000	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
32	1.03978	SLE_SISMA _DOWN	NonStatic	Min	-1102.037	0.000	0.000	0.0000
32	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	663.079	0.000	0.0000
32	0.51989	SLE_SISMA _UP	NonStatic	Max	0.000	677.041	0.000	0.0000
32	1.03978	SLE_SISMA _UP	NonStatic	Max	0.000	691.003	0.000	0.0000
32	0.00000	SLE_SISMA _UP	NonStatic	Min	-1051.358	0.000	0.000	0.0000
32	0.51989	SLE_SISMA _UP	NonStatic	Min	-1056.031	0.000	0.000	0.0000
32	1.03978	SLE_SISMA _UP	NonStatic	Min	-1060.704	0.000	0.000	0.0000
32	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	707.929	0.000	0.0000
32	0.51989	SLU_SISMA _DOWN	NonStatic	Max	0.000	723.902	0.000	0.0000
32	1.03978	SLU_SISMA _DOWN	NonStatic	Max	0.000	739.876	0.000	0.0000
32	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1307.918	0.000	0.000	0.0000
32	0.51989	SLU_SISMA _DOWN	NonStatic	Min	-1313.264	0.000	0.000	0.0000
32	1.03978	SLU_SISMA _DOWN	NonStatic	Min	-1318.610	0.000	0.000	0.0000
32	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	570.106	0.000	0.0000
32	0.51989	SLU_SISMA _UP	NonStatic	Max	0.000	583.713	0.000	0.0000
32	1.03978	SLU_SISMA _UP	NonStatic	Max	0.000	597.320	0.000	0.0000
32	0.00000	SLU_SISMA _UP	NonStatic	Min	-1223.752	0.000	0.000	0.0000
32	0.51989	SLU_SISMA _UP	NonStatic	Min	-1228.306	0.000	0.000	0.0000
32	1.03978	SLU_SISMA _UP	NonStatic	Min	-1232.860	0.000	0.000	0.0000
33	0.00000	SLE	NonStatic	Max	0.000	559.041	0.000	0.0000
33	0.51989	SLE	NonStatic	Max	0.000	574.148	0.000	0.0000
33	1.03978	SLE	NonStatic	Max	0.000	589.255	0.000	0.0000
33	0.00000	SLE	NonStatic	Min	-992.503	0.000	0.000	0.0000
33	0.51989	SLE	NonStatic	Min	-996.379	0.000	0.000	0.0000
33	1.03978	SLE	NonStatic	Min	-1000.256	0.000	0.000	0.0000
33	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	542.253	0.000	0.0000
33	0.51989	SLE_SISMA _DOWN	NonStatic	Max	0.000	557.843	0.000	0.0000
33	1.03978	SLE_SISMA _DOWN	NonStatic	Max	0.000	573.434	0.000	0.0000
33	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-1055.295	0.000	0.000	0.0000
33	0.51989	SLE_SISMA _DOWN	NonStatic	Min	-1059.296	0.000	0.000	0.0000
33	1.03978	SLE_SISMA _DOWN	NonStatic	Min	-1063.296	0.000	0.000	0.0000
33	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	492.140	0.000	0.0000
33	0.51989	SLE_SISMA _UP	NonStatic	Max	0.000	506.401	0.000	0.0000
33	1.03978	SLE_SISMA _UP	NonStatic	Max	0.000	520.662	0.000	0.0000
33	0.00000	SLE_SISMA _UP	NonStatic	Min	-1018.187	0.000	0.000	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
33	0.51989	SLE_SISMA _UP	NonStatic	Min	-1021.846	0.000	0.000	0.0000
33	1.03978	SLE_SISMA _UP	NonStatic	Min	-1025.506	0.000	0.000	0.0000
33	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	497.944	0.000	0.0000
33	0.51989	SLU_SISMA _DOWN	NonStatic	Max	0.000	514.259	0.000	0.0000
33	1.03978	SLU_SISMA _DOWN	NonStatic	Max	0.000	530.575	0.000	0.0000
33	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1274.184	0.000	0.000	0.0000
33	0.51989	SLU_SISMA _DOWN	NonStatic	Min	-1278.371	0.000	0.000	0.0000
33	1.03978	SLU_SISMA _DOWN	NonStatic	Min	-1282.558	0.000	0.000	0.0000
33	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	392.328	0.000	0.0000
33	0.51989	SLU_SISMA _UP	NonStatic	Max	0.000	406.226	0.000	0.0000
33	1.03978	SLU_SISMA _UP	NonStatic	Max	0.000	420.125	0.000	0.0000
33	0.00000	SLU_SISMA _UP	NonStatic	Min	-1197.355	0.000	0.000	0.0000
33	0.51989	SLU_SISMA _UP	NonStatic	Min	-1200.922	0.000	0.000	0.0000
33	1.03978	SLU_SISMA _UP	NonStatic	Min	-1204.488	0.000	0.000	0.0000
34	0.00000	SLE	NonStatic	Max	0.000	395.345	0.000	0.0000
34	0.51989	SLE	NonStatic	Max	0.000	410.691	0.000	0.0000
34	1.03978	SLE	NonStatic	Max	0.000	426.037	0.000	0.0000
34	0.00000	SLE	NonStatic	Min	-964.836	0.000	0.000	0.0000
34	0.51989	SLE	NonStatic	Min	-967.619	0.000	0.000	0.0000
34	1.03978	SLE	NonStatic	Min	-970.403	0.000	0.000	0.0000
34	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	360.349	0.000	0.0000
34	0.51989	SLE_SISMA _DOWN	NonStatic	Max	0.000	376.187	0.000	0.0000
34	1.03978	SLE_SISMA _DOWN	NonStatic	Max	0.000	392.024	0.000	0.0000
34	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-1029.750	0.000	0.000	0.0000
34	0.51989	SLE_SISMA _DOWN	NonStatic	Min	-1032.623	0.000	0.000	0.0000
34	1.03978	SLE_SISMA _DOWN	NonStatic	Min	-1035.495	0.000	0.000	0.0000
34	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	324.936	0.000	0.0000
34	0.51989	SLE_SISMA _UP	NonStatic	Max	0.000	339.423	0.000	0.0000
34	1.03978	SLE_SISMA _UP	NonStatic	Max	0.000	353.910	0.000	0.0000
34	0.00000	SLE_SISMA _UP	NonStatic	Min	-995.132	0.000	0.000	0.0000
34	0.51989	SLE_SISMA _UP	NonStatic	Min	-997.759	0.000	0.000	0.0000
34	1.03978	SLE_SISMA _UP	NonStatic	Min	-1000.387	0.000	0.000	0.0000
34	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	298.433	0.000	0.0000
34	0.51989	SLU_SISMA _DOWN	NonStatic	Max	0.000	315.007	0.000	0.0000
34	1.03978	SLU_SISMA _DOWN	NonStatic	Max	0.000	331.581	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
34	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1252.839	0.000	0.000	0.0000
34	0.51989	SLU_SISMA _DOWN	NonStatic	Min	-1255.845	0.000	0.000	0.0000
34	1.03978	SLU_SISMA _DOWN	NonStatic	Min	-1258.851	0.000	0.000	0.0000
34	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	224.925	0.000	0.0000
34	0.51989	SLU_SISMA _UP	NonStatic	Max	0.000	239.044	0.000	0.0000
34	1.03978	SLU_SISMA _UP	NonStatic	Max	0.000	253.163	0.000	0.0000
34	0.00000	SLU_SISMA _UP	NonStatic	Min	-1181.382	0.000	0.000	0.0000
34	0.51989	SLU_SISMA _UP	NonStatic	Min	-1183.942	0.000	0.000	0.0000
34	1.03978	SLU_SISMA _UP	NonStatic	Min	-1186.503	0.000	0.000	0.0000
35	0.00000	SLE	NonStatic	Max	0.000	231.056	0.000	0.0000
35	0.51989	SLE	NonStatic	Max	0.000	246.562	0.000	0.0000
35	1.03978	SLE	NonStatic	Max	0.000	262.069	0.000	0.0000
35	0.00000	SLE	NonStatic	Min	-946.765	0.000	0.000	0.0000
35	0.51989	SLE	NonStatic	Min	-948.440	0.000	0.000	0.0000
35	1.03978	SLE	NonStatic	Min	-950.116	0.000	0.000	0.0000
35	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	183.033	0.000	0.0000
35	0.51989	SLE_SISMA _DOWN	NonStatic	Max	0.000	199.036	0.000	0.0000
35	1.03978	SLE_SISMA _DOWN	NonStatic	Max	0.000	215.038	0.000	0.0000
35	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-1014.853	0.000	0.000	0.0000
35	0.51989	SLE_SISMA _DOWN	NonStatic	Min	-1016.583	0.000	0.000	0.0000
35	1.03978	SLE_SISMA _DOWN	NonStatic	Min	-1018.312	0.000	0.000	0.0000
35	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	162.328	0.000	0.0000
35	0.51989	SLE_SISMA _UP	NonStatic	Max	0.000	176.966	0.000	0.0000
35	1.03978	SLE_SISMA _UP	NonStatic	Max	0.000	191.604	0.000	0.0000
35	0.00000	SLE_SISMA _UP	NonStatic	Min	-981.861	0.000	0.000	0.0000
35	0.51989	SLE_SISMA _UP	NonStatic	Min	-983.443	0.000	0.000	0.0000
35	1.03978	SLE_SISMA _UP	NonStatic	Min	-985.025	0.000	0.000	0.0000
35	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	110.406	0.000	0.0000
35	0.51989	SLU_SISMA _DOWN	NonStatic	Max	0.000	127.153	0.000	0.0000
35	1.03978	SLU_SISMA _DOWN	NonStatic	Max	0.000	143.900	0.000	0.0000
35	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1243.055	0.000	0.000	0.0000
35	0.51989	SLU_SISMA _DOWN	NonStatic	Min	-1244.865	0.000	0.000	0.0000
35	1.03978	SLU_SISMA _DOWN	NonStatic	Min	-1246.675	0.000	0.000	0.0000
35	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	68.791	0.000	0.0000
35	0.51989	SLU_SISMA _UP	NonStatic	Max	0.000	83.056	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
35	1.03978	SLU_SISMA _UP	NonStatic	Max	0.000	97.322	0.000	0.0000
35	0.00000	SLU_SISMA _UP	NonStatic	Min	-1175.021	0.000	0.000	0.0000
35	0.51989	SLU_SISMA _UP	NonStatic	Min	-1176.563	0.000	0.000	0.0000
35	1.03978	SLU_SISMA _UP	NonStatic	Min	-1178.104	0.000	0.000	0.0000
36	0.00000	SLE	NonStatic	Max	0.000	66.629	0.000	0.0000
36	0.51984	SLE	NonStatic	Max	0.000	82.214	0.000	0.0000
36	1.03967	SLE	NonStatic	Max	0.000	97.799	0.000	0.0000
36	0.00000	SLE	NonStatic	Min	-938.293	0.000	0.000	0.0000
36	0.51984	SLE	NonStatic	Min	-938.852	0.000	0.000	0.0000
36	1.03967	SLE	NonStatic	Min	-939.412	0.000	0.000	0.0000
36	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	10.779	0.000	0.0000
36	0.51984	SLE_SISMA _DOWN	NonStatic	Max	0.000	26.863	0.000	0.0000
36	1.03967	SLE_SISMA _DOWN	NonStatic	Max	0.000	42.946	0.000	0.0000
36	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-1010.235	0.000	0.000	0.0000
36	0.51984	SLE_SISMA _DOWN	NonStatic	Min	-1010.813	0.000	0.000	0.0000
36	1.03967	SLE_SISMA _DOWN	NonStatic	Min	-1011.390	0.000	0.000	0.0000
36	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	4.772	0.000	0.0000
36	0.51984	SLE_SISMA _UP	NonStatic	Max	0.000	19.484	0.000	0.0000
36	1.03967	SLE_SISMA _UP	NonStatic	Max	0.000	34.196	0.000	0.0000
36	0.00000	SLE_SISMA _UP	NonStatic	Min	-978.007	0.000	0.000	0.0000
36	0.51984	SLE_SISMA _UP	NonStatic	Min	-978.535	0.000	0.000	0.0000
36	1.03967	SLE_SISMA _UP	NonStatic	Min	-979.063	0.000	0.000	0.0000
36	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
36	0.51984	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
36	1.03967	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
36	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1243.963	-65.573	0.000	0.0000
36	0.51984	SLU_SISMA _DOWN	NonStatic	Min	-1244.568	-48.741	0.000	0.0000
36	1.03967	SLU_SISMA _DOWN	NonStatic	Min	-1245.172	-31.909	0.000	0.0000
36	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
36	0.51984	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
36	1.03967	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
36	0.00000	SLU_SISMA _UP	NonStatic	Min	-1177.423	-75.548	0.000	0.0000
36	0.51984	SLU_SISMA _UP	NonStatic	Min	-1177.938	-61.210	0.000	0.0000
36	1.03967	SLU_SISMA _UP	NonStatic	Min	-1178.453	-46.871	0.000	0.0000
37	0.00000	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
37	0.51994	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
37	1.03988	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
37	0.00000	SLE	NonStatic	Min	-939.410	-97.777	0.000	0.0000
37	0.51994	SLE	NonStatic	Min	-938.851	-82.189	0.000	0.0000
37	1.03988	SLE	NonStatic	Min	-938.291	-66.600	0.000	0.0000
37	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
37	0.51994	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
37	1.03988	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
37	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-1015.510	-156.240	0.000	0.0000
37	0.51994	SLE_SISMA _DOWN	NonStatic	Min	-1014.933	-140.152	0.000	0.0000
37	1.03988	SLE_SISMA _DOWN	NonStatic	Min	-1014.356	-124.065	0.000	0.0000
37	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
37	0.51994	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
37	1.03988	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
37	0.00000	SLE_SISMA _UP	NonStatic	Min	-983.186	-147.548	0.000	0.0000
37	0.51994	SLE_SISMA _UP	NonStatic	Min	-982.658	-132.832	0.000	0.0000
37	1.03988	SLE_SISMA _UP	NonStatic	Min	-982.130	-118.117	0.000	0.0000
37	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
37	0.51994	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
37	1.03988	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
37	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1254.673	-229.233	0.000	0.0000
37	0.51994	SLU_SISMA _DOWN	NonStatic	Min	-1254.069	-212.397	0.000	0.0000
37	1.03988	SLU_SISMA _DOWN	NonStatic	Min	-1253.464	-195.562	0.000	0.0000
37	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
37	0.51994	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
37	1.03988	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
37	0.00000	SLU_SISMA _UP	NonStatic	Min	-1187.718	-207.798	0.000	0.0000
37	0.51994	SLU_SISMA _UP	NonStatic	Min	-1187.203	-193.457	0.000	0.0000
37	1.03988	SLU_SISMA _UP	NonStatic	Min	-1186.689	-179.116	0.000	0.0000
38	0.00000	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
38	0.51989	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
38	1.03978	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
38	0.00000	SLE	NonStatic	Min	-950.116	-262.060	0.000	0.0000
38	0.51989	SLE	NonStatic	Min	-948.440	-246.554	0.000	0.0000
38	1.03978	SLE	NonStatic	Min	-946.764	-231.048	0.000	0.0000
38	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
38	0.51989	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
38	1.03978	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
38	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-1030.302	-317.895	0.000	0.0000
38	0.51989	SLE_SISMA _DOWN	NonStatic	Min	-1028.573	-301.892	0.000	0.0000
38	1.03978	SLE_SISMA _DOWN	NonStatic	Min	-1026.843	-285.890	0.000	0.0000
38	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
38	0.51989	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
38	1.03978	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
38	0.00000	SLE_SISMA _UP	NonStatic	Min	-997.022	-294.488	0.000	0.0000
38	0.51989	SLE_SISMA _UP	NonStatic	Min	-995.440	-279.850	0.000	0.0000
38	1.03978	SLE_SISMA _UP	NonStatic	Min	-993.858	-265.212	0.000	0.0000
38	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
38	0.51989	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
38	1.03978	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
38	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1274.294	-380.338	0.000	0.0000
38	0.51989	SLU_SISMA _DOWN	NonStatic	Min	-1272.484	-363.591	0.000	0.0000
38	1.03978	SLU_SISMA _DOWN	NonStatic	Min	-1270.674	-346.844	0.000	0.0000
38	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
38	0.51989	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
38	1.03978	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
38	0.00000	SLU_SISMA _UP	NonStatic	Min	-1205.030	-327.695	0.000	0.0000
38	0.51989	SLU_SISMA _UP	NonStatic	Min	-1203.489	-313.429	0.000	0.0000
38	1.03978	SLU_SISMA _UP	NonStatic	Min	-1201.947	-299.163	0.000	0.0000
39	0.00000	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
39	0.51989	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
39	1.03978	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
39	0.00000	SLE	NonStatic	Min	-970.402	-426.030	0.000	0.0000
39	0.51989	SLE	NonStatic	Min	-967.618	-410.684	0.000	0.0000
39	1.03978	SLE	NonStatic	Min	-964.835	-395.337	0.000	0.0000
39	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
39	0.51989	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
39	1.03978	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
39	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-1054.225	-473.963	0.000	0.0000
39	0.51989	SLE_SISMA _DOWN	NonStatic	Min	-1051.353	-458.126	0.000	0.0000
39	1.03978	SLE_SISMA _DOWN	NonStatic	Min	-1048.481	-442.288	0.000	0.0000
39	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
39	0.51989	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
39	1.03978	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
39	0.00000	SLE_SISMA _UP	NonStatic	Min	-1019.125	-435.818	0.000	0.0000
39	0.51989	SLE_SISMA _UP	NonStatic	Min	-1016.498	-421.331	0.000	0.0000
39	1.03978	SLE_SISMA _UP	NonStatic	Min	-1013.870	-406.845	0.000	0.0000
39	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
39	0.51989	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
39	1.03978	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
39	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1301.920	-518.554	0.000	0.0000
39	0.51989	SLU_SISMA _DOWN	NonStatic	Min	-1298.914	-501.980	0.000	0.0000
39	1.03978	SLU_SISMA _DOWN	NonStatic	Min	-1295.908	-485.406	0.000	0.0000
39	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
39	0.51989	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
39	1.03978	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
39	0.00000	SLU_SISMA _UP	NonStatic	Min	-1228.466	-434.891	0.000	0.0000
39	0.51989	SLU_SISMA _UP	NonStatic	Min	-1225.906	-420.773	0.000	0.0000
39	1.03978	SLU_SISMA _UP	NonStatic	Min	-1223.345	-406.654	0.000	0.0000
40	0.00000	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
40	0.51989	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
40	1.03978	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
40	0.00000	SLE	NonStatic	Min	-1000.255	-589.249	0.000	0.0000
40	0.51989	SLE	NonStatic	Min	-996.378	-574.142	0.000	0.0000
40	1.03978	SLE	NonStatic	Min	-992.502	-559.035	0.000	0.0000
40	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
40	0.51989	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
40	1.03978	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
40	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-1086.887	-623.968	0.000	0.0000
40	0.51989	SLE_SISMA _DOWN	NonStatic	Min	-1082.886	-608.378	0.000	0.0000
40	1.03978	SLE_SISMA _DOWN	NonStatic	Min	-1078.885	-592.787	0.000	0.0000
40	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
40	0.51989	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
40	1.03978	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
40	0.00000	SLE_SISMA _UP	NonStatic	Min	-1049.100	-571.079	0.000	0.0000
40	0.51989	SLE_SISMA _UP	NonStatic	Min	-1045.441	-556.818	0.000	0.0000
40	1.03978	SLE_SISMA _UP	NonStatic	Min	-1041.781	-542.556	0.000	0.0000
40	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
40	0.51989	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
40	1.03978	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
40	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1336.630	-643.301	0.000	0.0000
40	0.51989	SLU_SISMA _DOWN	NonStatic	Min	-1332.443	-626.986	0.000	0.0000
40	1.03978	SLU_SISMA _DOWN	NonStatic	Min	-1328.257	-610.670	0.000	0.0000
40	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
40	0.51989	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
40	1.03978	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
40	0.00000	SLU_SISMA _UP	NonStatic	Min	-1257.116	-528.845	0.000	0.0000
40	0.51989	SLU_SISMA _UP	NonStatic	Min	-1253.550	-514.946	0.000	0.0000
40	1.03978	SLU_SISMA _UP	NonStatic	Min	-1249.983	-501.048	0.000	0.0000
41	0.00000	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
41	0.51989	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
41	1.03978	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
41	0.00000	SLE	NonStatic	Min	-1039.623	-750.840	0.000	0.0000
41	0.51989	SLE	NonStatic	Min	-1034.673	-736.049	0.000	0.0000
41	1.03978	SLE	NonStatic	Min	-1029.724	-721.259	0.000	0.0000
41	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
41	0.51989	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
41	1.03978	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
41	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-1127.852	-766.996	0.000	0.0000
41	0.51989	SLE_SISMA _DOWN	NonStatic	Min	-1122.744	-751.732	0.000	0.0000
41	1.03978	SLE_SISMA _DOWN	NonStatic	Min	-1117.636	-736.469	0.000	0.0000
41	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
41	0.51989	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
41	1.03978	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
41	0.00000	SLE_SISMA _UP	NonStatic	Min	-1086.512	-699.410	0.000	0.0000
41	0.51989	SLE_SISMA _UP	NonStatic	Min	-1081.839	-685.448	0.000	0.0000
41	1.03978	SLE_SISMA _UP	NonStatic	Min	-1077.167	-671.486	0.000	0.0000
41	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
41	0.51989	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
41	1.03978	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
41	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1377.458	-753.588	0.000	0.0000
41	0.51989	SLU_SISMA _DOWN	NonStatic	Min	-1372.112	-737.614	0.000	0.0000
41	1.03978	SLU_SISMA _DOWN	NonStatic	Min	-1366.766	-721.641	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
41	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
41	0.51989	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
41	1.03978	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
41	0.00000	SLU_SISMA _UP	NonStatic	Min	-1290.029	-608.688	0.000	0.0000
41	0.51989	SLU_SISMA _UP	NonStatic	Min	-1285.475	-595.081	0.000	0.0000
41	1.03978	SLU_SISMA _UP	NonStatic	Min	-1280.921	-581.474	0.000	0.0000
42	0.00000	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
42	0.51989	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
42	1.03978	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
42	0.00000	SLE	NonStatic	Min	-1088.383	-909.321	0.000	0.0000
42	0.51989	SLE	NonStatic	Min	-1082.385	-894.924	0.000	0.0000
42	1.03978	SLE	NonStatic	Min	-1076.388	-880.526	0.000	0.0000
42	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
42	0.51989	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
42	1.03978	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
42	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-1176.615	-901.546	0.000	0.0000
42	0.51989	SLE_SISMA _DOWN	NonStatic	Min	-1170.425	-886.688	0.000	0.0000
42	1.03978	SLE_SISMA _DOWN	NonStatic	Min	-1164.236	-871.830	0.000	0.0000
42	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
42	0.51989	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
42	1.03978	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
42	0.00000	SLE_SISMA _UP	NonStatic	Min	-1130.856	-819.424	0.000	0.0000
42	0.51989	SLE_SISMA _UP	NonStatic	Min	-1125.194	-805.833	0.000	0.0000
42	1.03978	SLE_SISMA _UP	NonStatic	Min	-1119.532	-792.242	0.000	0.0000
42	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
42	0.51989	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
42	1.03978	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
42	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-1423.358	-847.894	0.000	0.0000
42	0.51989	SLU_SISMA _DOWN	NonStatic	Min	-1416.881	-832.345	0.000	0.0000
42	1.03978	SLU_SISMA _DOWN	NonStatic	Min	-1410.404	-816.796	0.000	0.0000
42	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
42	0.51989	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
42	1.03978	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
42	0.00000	SLU_SISMA _UP	NonStatic	Min	-1326.186	-673.142	0.000	0.0000
42	0.51989	SLU_SISMA _UP	NonStatic	Min	-1320.668	-659.897	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
42	1.03978	SLU_SISMA _UP	NonStatic	Min	-1315.150	-646.651	0.000	0.0000
43	0.00000	SLE	NonStatic	Max	1764.839	0.000	0.000	0.0000
43	0.41277	SLE	NonStatic	Max	1764.839	0.000	0.000	0.0000
43	0.82553	SLE	NonStatic	Max	1764.839	0.000	0.000	0.0000
43	0.00000	SLE	NonStatic	Min	0.000	-154.775	0.000	0.0000
43	0.41277	SLE	NonStatic	Min	0.000	-142.392	0.000	0.0000
43	0.82553	SLE	NonStatic	Min	0.000	-130.009	0.000	0.0000
43	0.00000	SLE_SISMA _DOWN	NonStatic	Max	1822.079	0.000	0.000	0.0000
43	0.41277	SLE_SISMA _DOWN	NonStatic	Max	1822.079	0.000	0.000	0.0000
43	0.82553	SLE_SISMA _DOWN	NonStatic	Max	1822.079	0.000	0.000	0.0000
43	0.00000	SLE_SISMA _DOWN	NonStatic	Min	0.000	-89.905	0.000	0.0000
43	0.41277	SLE_SISMA _DOWN	NonStatic	Min	0.000	-77.125	0.000	0.0000
43	0.82553	SLE_SISMA _DOWN	NonStatic	Min	0.000	-64.346	0.000	0.0000
43	0.00000	SLE_SISMA _UP	NonStatic	Max	1652.563	0.000	0.000	0.0000
43	0.41277	SLE_SISMA _UP	NonStatic	Max	1652.563	0.000	0.000	0.0000
43	0.82553	SLE_SISMA _UP	NonStatic	Max	1652.563	0.000	0.000	0.0000
43	0.00000	SLE_SISMA _UP	NonStatic	Min	0.000	-78.882	0.000	0.0000
43	0.41277	SLE_SISMA _UP	NonStatic	Min	0.000	-67.192	0.000	0.0000
43	0.82553	SLE_SISMA _UP	NonStatic	Min	0.000	-55.503	0.000	0.0000
43	0.00000	SLU_SISMA _DOWN	NonStatic	Max	1772.397	0.000	0.000	0.0000
43	0.41277	SLU_SISMA _DOWN	NonStatic	Max	1772.397	4.973	0.000	0.0000
43	0.82553	SLU_SISMA _DOWN	NonStatic	Max	1772.397	18.347	0.000	0.0000
43	0.00000	SLU_SISMA _DOWN	NonStatic	Min	0.000	-8.401	0.000	0.0000
43	0.41277	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
43	0.82553	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
43	0.00000	SLU_SISMA _UP	NonStatic	Max	1404.334	11.343	0.000	0.0000
43	0.41277	SLU_SISMA _UP	NonStatic	Max	1404.334	22.735	0.000	0.0000
43	0.82553	SLU_SISMA _UP	NonStatic	Max	1404.334	34.127	0.000	0.0000
43	0.00000	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
43	0.41277	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
43	0.82553	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
44	0.00000	SLE	NonStatic	Max	1764.839	0.000	0.000	0.0000
44	0.41277	SLE	NonStatic	Max	1764.839	0.000	0.000	0.0000
44	0.82553	SLE	NonStatic	Max	1764.839	0.000	0.000	0.0000
44	0.00000	SLE	NonStatic	Min	0.000	-359.291	0.000	0.0000
44	0.41277	SLE	NonStatic	Min	0.000	-346.908	0.000	0.0000
44	0.82553	SLE	NonStatic	Min	0.000	-334.525	0.000	0.0000
44	0.00000	SLE_SISMA _DOWN	NonStatic	Max	1822.079	0.000	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
44	0.41277	SLE_SISMA _DOWN	NonStatic	Max	1822.079	0.000	0.000	0.0000
44	0.82553	SLE_SISMA _DOWN	NonStatic	Max	1822.079	0.000	0.000	0.0000
44	0.00000	SLE_SISMA _DOWN	NonStatic	Min	0.000	-288.960	0.000	0.0000
44	0.41277	SLE_SISMA _DOWN	NonStatic	Min	0.000	-276.181	0.000	0.0000
44	0.82553	SLE_SISMA _DOWN	NonStatic	Min	0.000	-263.402	0.000	0.0000
44	0.00000	SLE_SISMA _UP	NonStatic	Max	1652.563	0.000	0.000	0.0000
44	0.41277	SLE_SISMA _UP	NonStatic	Max	1652.563	0.000	0.000	0.0000
44	0.82553	SLE_SISMA _UP	NonStatic	Max	1652.563	0.000	0.000	0.0000
44	0.00000	SLE_SISMA _UP	NonStatic	Min	0.000	-262.634	0.000	0.0000
44	0.41277	SLE_SISMA _UP	NonStatic	Min	0.000	-250.945	0.000	0.0000
44	0.82553	SLE_SISMA _UP	NonStatic	Min	0.000	-239.255	0.000	0.0000
44	0.00000	SLU_SISMA _DOWN	NonStatic	Max	1772.397	0.000	0.000	0.0000
44	0.41277	SLU_SISMA _DOWN	NonStatic	Max	1772.397	0.000	0.000	0.0000
44	0.82553	SLU_SISMA _DOWN	NonStatic	Max	1772.397	0.000	0.000	0.0000
44	0.00000	SLU_SISMA _DOWN	NonStatic	Min	0.000	-200.846	0.000	0.0000
44	0.41277	SLU_SISMA _DOWN	NonStatic	Min	0.000	-187.473	0.000	0.0000
44	0.82553	SLU_SISMA _DOWN	NonStatic	Min	0.000	-174.099	0.000	0.0000
44	0.00000	SLU_SISMA _UP	NonStatic	Max	1404.334	0.000	0.000	0.0000
44	0.41277	SLU_SISMA _UP	NonStatic	Max	1404.334	0.000	0.000	0.0000
44	0.82553	SLU_SISMA _UP	NonStatic	Max	1404.334	0.000	0.000	0.0000
44	0.00000	SLU_SISMA _UP	NonStatic	Min	0.000	-148.373	0.000	0.0000
44	0.41277	SLU_SISMA _UP	NonStatic	Min	0.000	-136.981	0.000	0.0000
44	0.82553	SLU_SISMA _UP	NonStatic	Min	0.000	-125.588	0.000	0.0000
45	0.00000	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
45	0.93834	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
45	1.87669	SLE	NonStatic	Max	0.000	24.766	0.000	0.0000
45	0.00000	SLE	NonStatic	Min	-2679.047	-24.766	0.000	0.0000
45	0.93834	SLE	NonStatic	Min	-2692.429	-1.332E-14	0.000	0.0000
45	1.87669	SLE	NonStatic	Min	-2705.812	0.000	0.000	0.0000
45	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
45	0.93834	SLE_SISMA _DOWN	NonStatic	Max	0.000	8.882E-15	0.000	0.0000
45	1.87669	SLE_SISMA _DOWN	NonStatic	Max	0.000	25.559	0.000	0.0000
45	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-2844.181	-25.559	0.000	0.0000
45	0.93834	SLE_SISMA _DOWN	NonStatic	Min	-2857.991	0.000	0.000	0.0000
45	1.87669	SLE_SISMA _DOWN	NonStatic	Min	-2871.801	0.000	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
45	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
45	0.93834	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
45	1.87669	SLE_SISMA _UP	NonStatic	Max	0.000	23.379	0.000	0.0000
45	0.00000	SLE_SISMA _UP	NonStatic	Min	-2645.032	-23.379	0.000	0.0000
45	0.93834	SLE_SISMA _UP	NonStatic	Min	-2657.665	0.000	0.000	0.0000
45	1.87669	SLE_SISMA _UP	NonStatic	Min	-2670.297	0.000	0.000	0.0000
45	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
45	0.93834	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
45	1.87669	SLU_SISMA _DOWN	NonStatic	Max	0.000	26.747	0.000	0.0000
45	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-3075.288	-26.747	0.000	0.0000
45	0.93834	SLU_SISMA _DOWN	NonStatic	Min	-3089.740	0.000	0.000	0.0000
45	1.87669	SLU_SISMA _DOWN	NonStatic	Min	-3104.193	0.000	0.000	0.0000
45	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
45	0.93834	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
45	1.87669	SLU_SISMA _UP	NonStatic	Max	0.000	22.785	0.000	0.0000
45	0.00000	SLU_SISMA _UP	NonStatic	Min	-2642.572	-22.785	0.000	0.0000
45	0.93834	SLU_SISMA _UP	NonStatic	Min	-2654.884	0.000	0.000	0.0000
45	1.87669	SLU_SISMA _UP	NonStatic	Min	-2667.196	0.000	0.000	0.0000
46	0.00000	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
46	0.93833	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
46	1.87665	SLE	NonStatic	Max	0.000	24.765	0.000	0.0000
46	0.00000	SLE	NonStatic	Min	-2679.039	-24.765	0.000	0.0000
46	0.93833	SLE	NonStatic	Min	-2692.422	0.000	0.000	0.0000
46	1.87665	SLE	NonStatic	Min	-2705.804	0.000	0.000	0.0000
46	0.00000	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
46	0.93833	SLE_SISMA _DOWN	NonStatic	Max	0.000	4.441E-15	0.000	0.0000
46	1.87665	SLE_SISMA _DOWN	NonStatic	Max	0.000	25.558	0.000	0.0000
46	0.00000	SLE_SISMA _DOWN	NonStatic	Min	-2686.904	-25.558	0.000	0.0000
46	0.93833	SLE_SISMA _DOWN	NonStatic	Min	-2700.714	0.000	0.000	0.0000
46	1.87665	SLE_SISMA _DOWN	NonStatic	Min	-2714.525	0.000	0.000	0.0000
46	0.00000	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
46	0.93833	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
46	1.87665	SLE_SISMA _UP	NonStatic	Max	0.000	23.379	0.000	0.0000
46	0.00000	SLE_SISMA _UP	NonStatic	Min	-2488.447	-23.379	0.000	0.0000
46	0.93833	SLE_SISMA _UP	NonStatic	Min	-2501.080	-4.441E-15	0.000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
46	1.87665	SLE_SISMA _UP	NonStatic	Min	-2513.712	0.000	0.000	0.0000
46	0.00000	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
46	0.93833	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
46	1.87665	SLU_SISMA _DOWN	NonStatic	Max	0.000	26.747	0.000	0.0000
46	0.00000	SLU_SISMA _DOWN	NonStatic	Min	-2741.095	-26.747	0.000	0.0000
46	0.93833	SLU_SISMA _DOWN	NonStatic	Min	-2755.548	-4.441E-15	0.000	0.0000
46	1.87665	SLU_SISMA _DOWN	NonStatic	Min	-2770.000	0.000	0.000	0.0000
46	0.00000	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
46	0.93833	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
46	1.87665	SLU_SISMA _UP	NonStatic	Max	0.000	22.784	0.000	0.0000
46	0.00000	SLU_SISMA _UP	NonStatic	Min	-2326.339	-22.784	0.000	0.0000
46	0.93833	SLU_SISMA _UP	NonStatic	Min	-2338.650	-4.441E-15	0.000	0.0000
46	1.87665	SLU_SISMA _UP	NonStatic	Min	-2350.962	0.000	0.000	0.0000

Table: Element Forces - Frames, Part 2 of 2

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem	ElemStation m
1	0.00000	SLE	Max	0.0000	1711.8122	1-1	0.00000
1	0.44607	SLE	Max	0.0000	2513.2127	1-1	0.44607
1	0.89215	SLE	Max	0.0000	3340.9678	1-1	0.89215
1	0.00000	SLE	Min	0.0000	0.0000	1-1	0.00000
1	0.44607	SLE	Min	0.0000	0.0000	1-1	0.44607
1	0.89215	SLE	Min	0.0000	0.0000	1-1	0.89215
1	0.00000	SLE_SISMA _DOWN	Max	0.0000	1784.7147	1-1	0.00000
1	0.44607	SLE_SISMA _DOWN	Max	0.0000	2611.9032	1-1	0.44607
1	0.89215	SLE_SISMA _DOWN	Max	0.0000	3467.9076	1-1	0.89215
1	0.00000	SLE_SISMA _DOWN	Min	0.0000	0.0000	1-1	0.00000
1	0.44607	SLE_SISMA _DOWN	Min	0.0000	0.0000	1-1	0.44607
1	0.89215	SLE_SISMA _DOWN	Min	0.0000	0.0000	1-1	0.89215
1	0.00000	SLE_SISMA _UP	Max	0.0000	1641.9263	1-1	0.00000
1	0.44607	SLE_SISMA _UP	Max	0.0000	2393.4982	1-1	0.44607
1	0.89215	SLE_SISMA _UP	Max	0.0000	3173.8860	1-1	0.89215
1	0.00000	SLE_SISMA _UP	Min	0.0000	0.0000	1-1	0.00000
1	0.44607	SLE_SISMA _UP	Min	0.0000	0.0000	1-1	0.44607
1	0.89215	SLE_SISMA _UP	Min	0.0000	0.0000	1-1	0.89215

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
1	0.00000	SLU_SISMA _DOWN	Max	0.0000	1835.1803	1-1	0.00000
1	0.44607	SLU_SISMA _DOWN	Max	0.0000	2644.6612	1-1	0.44607
1	0.89215	SLU_SISMA _DOWN	Max	0.0000	3491.8666	1-1	0.89215
1	0.00000	SLU_SISMA _DOWN	Min	0.0000	0.0000	1-1	0.00000
1	0.44607	SLU_SISMA _DOWN	Min	0.0000	0.0000	1-1	0.44607
1	0.89215	SLU_SISMA _DOWN	Min	0.0000	0.0000	1-1	0.89215
1	0.00000	SLU_SISMA _UP	Max	0.0000	1525.6162	1-1	0.00000
1	0.44607	SLU_SISMA _UP	Max	0.0000	2170.9141	1-1	0.44607
1	0.89215	SLU_SISMA _UP	Max	0.0000	2853.9365	1-1	0.89215
1	0.00000	SLU_SISMA _UP	Min	0.0000	0.0000	1-1	0.00000
1	0.44607	SLU_SISMA _UP	Min	0.0000	0.0000	1-1	0.44607
1	0.89215	SLU_SISMA _UP	Min	0.0000	0.0000	1-1	0.89215
2	0.00000	SLE	Max	0.0000	3340.9678	2-1	0.00000
2	0.44749	SLE	Max	0.0000	3139.6900	2-1	0.44749
2	0.89498	SLE	Max	0.0000	2963.4142	2-1	0.89498
2	0.00000	SLE	Min	0.0000	0.0000	2-1	0.00000
2	0.44749	SLE	Min	0.0000	0.0000	2-1	0.44749
2	0.89498	SLE	Min	0.0000	0.0000	2-1	0.89498
2	0.00000	SLE_SISMA _DOWN	Max	0.0000	3467.9076	2-1	0.00000
2	0.44749	SLE_SISMA _DOWN	Max	0.0000	3229.6570	2-1	0.44749
2	0.89498	SLE_SISMA _DOWN	Max	0.0000	3018.8855	2-1	0.89498
2	0.00000	SLE_SISMA _DOWN	Min	0.0000	0.0000	2-1	0.00000
2	0.44749	SLE_SISMA _DOWN	Min	0.0000	0.0000	2-1	0.44749
2	0.89498	SLE_SISMA _DOWN	Min	0.0000	0.0000	2-1	0.89498
2	0.00000	SLE_SISMA _UP	Max	0.0000	3173.8860	2-1	0.00000
2	0.44749	SLE_SISMA _UP	Max	0.0000	2938.6455	2-1	0.44749
2	0.89498	SLE_SISMA _UP	Max	0.0000	2730.8841	2-1	0.89498
2	0.00000	SLE_SISMA _UP	Min	0.0000	0.0000	2-1	0.00000
2	0.44749	SLE_SISMA _UP	Min	0.0000	0.0000	2-1	0.44749
2	0.89498	SLE_SISMA _UP	Min	0.0000	0.0000	2-1	0.89498
2	0.00000	SLU_SISMA _DOWN	Max	0.0000	3491.8666	2-1	0.00000
2	0.44749	SLU_SISMA _DOWN	Max	0.0000	3162.3512	2-1	0.44749
2	0.89498	SLU_SISMA _DOWN	Max	0.0000	2868.9774	2-1	0.89498
2	0.00000	SLU_SISMA _DOWN	Min	0.0000	0.0000	2-1	0.00000
2	0.44749	SLU_SISMA _DOWN	Min	0.0000	0.0000	2-1	0.44749

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem	ElemStation m
2	0.89498	SLU_SISMA _DOWN	Min	0.0000	0.0000	2-1	0.89498
2	0.00000	SLU_SISMA _UP	Max	0.0000	2853.9365	2-1	0.00000
2	0.44749	SLU_SISMA _UP	Max	0.0000	2530.9160	2-1	0.44749
2	0.89498	SLU_SISMA _UP	Max	0.0000	2244.0372	2-1	0.89498
2	0.00000	SLU_SISMA _UP	Min	0.0000	0.0000	2-1	0.00000
2	0.44749	SLU_SISMA _UP	Min	0.0000	0.0000	2-1	0.44749
2	0.89498	SLU_SISMA _UP	Min	0.0000	0.0000	2-1	0.89498
3	0.00000	SLE	Max	0.0000	2963.4142	3-1	0.00000
3	0.44749	SLE	Max	0.0000	2814.4156	3-1	0.44749
3	0.89498	SLE	Max	0.0000	2688.8820	3-1	0.89498
3	0.00000	SLE	Min	0.0000	0.0000	3-1	0.00000
3	0.44749	SLE	Min	0.0000	0.0000	3-1	0.44749
3	0.89498	SLE	Min	0.0000	0.0000	3-1	0.89498
3	0.00000	SLE_SISMA _DOWN	Max	0.0000	3018.8855	3-1	0.00000
3	0.44749	SLE_SISMA _DOWN	Max	0.0000	2834.8246	3-1	0.44749
3	0.89498	SLE_SISMA _DOWN	Max	0.0000	2676.7058	3-1	0.89498
3	0.00000	SLE_SISMA _DOWN	Min	0.0000	0.0000	3-1	0.00000
3	0.44749	SLE_SISMA _DOWN	Min	0.0000	0.0000	3-1	0.44749
3	0.89498	SLE_SISMA _DOWN	Min	0.0000	0.0000	3-1	0.89498
3	0.00000	SLE_SISMA _UP	Max	0.0000	2730.8841	3-1	0.00000
3	0.44749	SLE_SISMA _UP	Max	0.0000	2549.8334	3-1	0.44749
3	0.89498	SLE_SISMA _UP	Max	0.0000	2394.7247	3-1	0.89498
3	0.00000	SLE_SISMA _UP	Min	0.0000	0.0000	3-1	0.00000
3	0.44749	SLE_SISMA _UP	Min	0.0000	0.0000	3-1	0.44749
3	0.89498	SLE_SISMA _UP	Min	0.0000	0.0000	3-1	0.89498
3	0.00000	SLU_SISMA _DOWN	Max	0.0000	2868.9774	3-1	0.00000
3	0.44749	SLU_SISMA _DOWN	Max	0.0000	2610.8239	3-1	0.44749
3	0.89498	SLU_SISMA _DOWN	Max	0.0000	2386.9691	3-1	0.89498
3	0.00000	SLU_SISMA _DOWN	Min	0.0000	0.0000	3-1	0.00000
3	0.44749	SLU_SISMA _DOWN	Min	0.0000	0.0000	3-1	0.44749
3	0.89498	SLU_SISMA _DOWN	Min	0.0000	0.0000	3-1	0.89498
3	0.00000	SLU_SISMA _UP	Max	0.0000	2244.0372	3-1	0.00000
3	0.44749	SLU_SISMA _UP	Max	0.0000	1992.3786	3-1	0.44749
3	0.89498	SLU_SISMA _UP	Max	0.0000	1775.0188	3-1	0.89498
3	0.00000	SLU_SISMA _UP	Min	0.0000	0.0000	3-1	0.00000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
3	0.44749	SLU_SISMA _UP	Min	0.0000	0.0000	3-1	0.44749
3	0.89498	SLU_SISMA _UP	Min	0.0000	0.0000	3-1	0.89498
4	0.00000	SLE	Max	0.0000	2688.8820	4-1	0.00000
4	0.44749	SLE	Max	0.0000	2589.3772	4-1	0.44749
4	0.89498	SLE	Max	0.0000	2511.8175	4-1	0.89498
4	0.00000	SLE	Min	0.0000	0.0000	4-1	0.00000
4	0.44749	SLE	Min	0.0000	0.0000	4-1	0.44749
4	0.89498	SLE	Min	0.0000	0.0000	4-1	0.89498
4	0.00000	SLE_SISMA _DOWN	Max	0.0000	2676.7058	4-1	0.00000
4	0.44749	SLE_SISMA _DOWN	Max	0.0000	2543.7692	4-1	0.44749
4	0.89498	SLE_SISMA _DOWN	Max	0.0000	2435.2547	4-1	0.89498
4	0.00000	SLE_SISMA _DOWN	Min	0.0000	0.0000	4-1	0.00000
4	0.44749	SLE_SISMA _DOWN	Min	0.0000	0.0000	4-1	0.44749
4	0.89498	SLE_SISMA _DOWN	Min	0.0000	0.0000	4-1	0.89498
4	0.00000	SLE_SISMA _UP	Max	0.0000	2394.7247	4-1	0.00000
4	0.44749	SLE_SISMA _UP	Max	0.0000	2264.7982	4-1	0.44749
4	0.89498	SLE_SISMA _UP	Max	0.0000	2159.2939	4-1	0.89498
4	0.00000	SLE_SISMA _UP	Min	0.0000	0.0000	4-1	0.00000
4	0.44749	SLE_SISMA _UP	Min	0.0000	0.0000	4-1	0.44749
4	0.89498	SLE_SISMA _UP	Min	0.0000	0.0000	4-1	0.89498
4	0.00000	SLU_SISMA _DOWN	Max	0.0000	2386.9691	4-1	0.00000
4	0.44749	SLU_SISMA _DOWN	Max	0.0000	2196.5019	4-1	0.44749
4	0.89498	SLU_SISMA _DOWN	Max	0.0000	2038.5111	4-1	0.89498
4	0.00000	SLU_SISMA _DOWN	Min	0.0000	0.0000	4-1	0.00000
4	0.44749	SLU_SISMA _DOWN	Min	0.0000	0.0000	4-1	0.44749
4	0.89498	SLU_SISMA _DOWN	Min	0.0000	0.0000	4-1	0.89498
4	0.00000	SLU_SISMA _UP	Max	0.0000	1775.0188	4-1	0.00000
4	0.44749	SLU_SISMA _UP	Max	0.0000	1591.0465	4-1	0.44749
4	0.89498	SLU_SISMA _UP	Max	0.0000	1439.5506	4-1	0.89498
4	0.00000	SLU_SISMA _UP	Min	0.0000	0.0000	4-1	0.00000
4	0.44749	SLU_SISMA _UP	Min	0.0000	0.0000	4-1	0.44749
4	0.89498	SLU_SISMA _UP	Min	0.0000	0.0000	4-1	0.89498
5	0.00000	SLE	Max	0.0000	0.0000	5-1	0.00000
5	0.59160	SLE	Max	0.0000	0.0000	5-1	0.59160
5	1.18320	SLE	Max	0.0000	0.0000	5-1	1.18320
5	0.00000	SLE	Min	0.0000	-2511.8175	5-1	0.00000
5	0.59160	SLE	Min	0.0000	-2369.9872	5-1	0.59160
5	1.18320	SLE	Min	0.0000	-2265.0680	5-1	1.18320

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
5	0.00000	SLE_SISMA _DOWN	Max	0.0000	0.0000	5-1	0.00000
5	0.59160	SLE_SISMA _DOWN	Max	0.0000	0.0000	5-1	0.59160
5	1.18320	SLE_SISMA _DOWN	Max	0.0000	0.0000	5-1	1.18320
5	0.00000	SLE_SISMA _DOWN	Min	0.0000	-2435.2547	5-1	0.00000
5	0.59160	SLE_SISMA _DOWN	Min	0.0000	-2254.3350	5-1	0.59160
5	1.18320	SLE_SISMA _DOWN	Min	0.0000	-2114.6868	5-1	1.18320
5	0.00000	SLE_SISMA _UP	Max	0.0000	0.0000	5-1	0.00000
5	0.59160	SLE_SISMA _UP	Max	0.0000	0.0000	5-1	0.59160
5	1.18320	SLE_SISMA _UP	Max	0.0000	0.0000	5-1	1.18320
5	0.00000	SLE_SISMA _UP	Min	0.0000	-2159.2939	5-1	0.00000
5	0.59160	SLE_SISMA _UP	Min	0.0000	-1987.6573	5-1	0.59160
5	1.18320	SLE_SISMA _UP	Min	0.0000	-1857.1381	5-1	1.18320
5	0.00000	SLU_SISMA _DOWN	Max	0.0000	0.0000	5-1	0.00000
5	0.59160	SLU_SISMA _DOWN	Max	0.0000	0.0000	5-1	0.59160
5	1.18320	SLU_SISMA _DOWN	Max	0.0000	0.0000	5-1	1.18320
5	0.00000	SLU_SISMA _DOWN	Min	0.0000	-2038.5111	5-1	0.00000
5	0.59160	SLU_SISMA _DOWN	Min	0.0000	-1804.1264	5-1	0.59160
5	1.18320	SLU_SISMA _DOWN	Min	0.0000	-1624.4702	5-1	1.18320
5	0.00000	SLU_SISMA _UP	Max	0.0000	0.0000	5-1	0.00000
5	0.59160	SLU_SISMA _UP	Max	0.0000	0.0000	5-1	0.59160
5	1.18320	SLU_SISMA _UP	Max	0.0000	0.0000	5-1	1.18320
5	0.00000	SLU_SISMA _UP	Min	0.0000	-1439.5506	5-1	0.00000
5	0.59160	SLU_SISMA _UP	Min	0.0000	-1225.3894	5-1	0.59160
5	1.18320	SLU_SISMA _UP	Min	0.0000	-1065.6513	5-1	1.18320
6	0.00000	SLE	Max	0.0000	0.0000	6-1	0.00000
6	0.59160	SLE	Max	0.0000	0.0000	6-1	0.59160
6	1.18320	SLE	Max	0.0000	0.0000	6-1	1.18320
6	0.00000	SLE	Min	0.0000	-2265.0680	6-1	0.00000
6	0.59160	SLE	Min	0.0000	-2058.3543	6-1	0.59160
6	1.18320	SLE	Min	0.0000	-1890.5385	6-1	1.18320
6	0.00000	SLE_SISMA _DOWN	Max	0.0000	0.0000	6-1	0.00000
6	0.59160	SLE_SISMA _DOWN	Max	0.0000	0.0000	6-1	0.59160
6	1.18320	SLE_SISMA _DOWN	Max	0.0000	0.0000	6-1	1.18320
6	0.00000	SLE_SISMA _DOWN	Min	0.0000	-2114.6868	6-1	0.00000
6	0.59160	SLE_SISMA _DOWN	Min	0.0000	-1879.0131	6-1	0.59160

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
6	1.18320	SLE_SISMA _DOWN	Min	0.0000	-1686.5914	6-1	1.18320
6	0.00000	SLE_SISMA _UP	Max	0.0000	0.0000	6-1	0.00000
6	0.59160	SLE_SISMA _UP	Max	0.0000	0.0000	6-1	0.59160
6	1.18320	SLE_SISMA _UP	Max	0.0000	0.0000	6-1	1.18320
6	0.00000	SLE_SISMA _UP	Min	0.0000	-1857.1381	6-1	0.00000
6	0.59160	SLE_SISMA _UP	Min	0.0000	-1640.1006	6-1	0.59160
6	1.18320	SLE_SISMA _UP	Min	0.0000	-1465.6248	6-1	1.18320
6	0.00000	SLU_SISMA _DOWN	Max	0.0000	0.0000	6-1	0.00000
6	0.59160	SLU_SISMA _DOWN	Max	0.0000	0.0000	6-1	0.59160
6	1.18320	SLU_SISMA _DOWN	Max	0.0000	0.0000	6-1	1.18320
6	0.00000	SLU_SISMA _DOWN	Min	0.0000	-1624.4702	6-1	0.00000
6	0.59160	SLU_SISMA _DOWN	Min	0.0000	-1362.3828	6-1	0.59160
6	1.18320	SLU_SISMA _DOWN	Min	0.0000	-1155.9646	6-1	1.18320
6	0.00000	SLU_SISMA _UP	Max	0.0000	0.0000	6-1	0.00000
6	0.59160	SLU_SISMA _UP	Max	0.0000	0.0000	6-1	0.59160
6	1.18320	SLU_SISMA _UP	Max	0.0000	0.0000	6-1	1.18320
6	0.00000	SLU_SISMA _UP	Min	0.0000	-1065.6513	6-1	0.00000
6	0.59160	SLU_SISMA _UP	Min	0.0000	-844.4861	6-1	0.59160
6	1.18320	SLU_SISMA _UP	Min	0.0000	-677.5361	6-1	1.18320
7	0.00000	SLE	Max	0.0000	0.0000	7-1	0.00000
7	0.59160	SLE	Max	0.0000	0.0000	7-1	0.59160
7	1.18320	SLE	Max	0.0000	0.0000	7-1	1.18320
7	0.00000	SLE	Min	0.0000	-1890.5385	7-1	0.00000
7	0.59160	SLE	Min	0.0000	-1638.6772	7-1	0.59160
7	1.18320	SLE	Min	0.0000	-1430.2420	7-1	1.18320
7	0.00000	SLE_SISMA _DOWN	Max	0.0000	0.0000	7-1	0.00000
7	0.59160	SLE_SISMA _DOWN	Max	0.0000	0.0000	7-1	0.59160
7	1.18320	SLE_SISMA _DOWN	Max	0.0000	0.0000	7-1	1.18320
7	0.00000	SLE_SISMA _DOWN	Min	0.0000	-1686.5914	7-1	0.00000
7	0.59160	SLE_SISMA _DOWN	Min	0.0000	-1416.6194	7-1	0.59160
7	1.18320	SLE_SISMA _DOWN	Min	0.0000	-1194.3209	7-1	1.18320
7	0.00000	SLE_SISMA _UP	Max	0.0000	0.0000	7-1	0.00000
7	0.59160	SLE_SISMA _UP	Max	0.0000	0.0000	7-1	0.59160
7	1.18320	SLE_SISMA _UP	Max	0.0000	0.0000	7-1	1.18320
7	0.00000	SLE_SISMA _UP	Min	0.0000	-1465.6248	7-1	0.00000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
7	0.59160	SLE_SISMA_UP	Min	0.0000	-1221.0366	7-1	0.59160
7	1.18320	SLE_SISMA_UP	Min	0.0000	-1022.6489	7-1	1.18320
7	0.00000	SLU_SISMA_DOWN	Max	0.0000	0.0000	7-1	0.00000
7	0.59160	SLU_SISMA_DOWN	Max	0.0000	0.0000	7-1	0.59160
7	1.18320	SLU_SISMA_DOWN	Max	0.0000	0.0000	7-1	1.18320
7	0.00000	SLU_SISMA_DOWN	Min	0.0000	-1155.9646	7-1	0.00000
7	0.59160	SLU_SISMA_DOWN	Min	0.0000	-884.4943	7-1	0.59160
7	1.18320	SLU_SISMA_DOWN	Min	0.0000	-671.7476	7-1	1.18320
7	0.00000	SLU_SISMA_UP	Max	0.0000	0.0000	7-1	0.00000
7	0.59160	SLU_SISMA_UP	Max	0.0000	0.0000	7-1	0.59160
7	1.18320	SLU_SISMA_UP	Max	0.0000	0.0000	7-1	1.18320
7	0.00000	SLU_SISMA_UP	Min	0.0000	-677.5361	7-1	0.00000
7	0.59160	SLU_SISMA_UP	Min	0.0000	-462.0975	7-1	0.59160
7	1.18320	SLU_SISMA_UP	Min	0.0000	-302.2281	7-1	1.18320
8	0.00000	SLE	Max	0.0000	0.0000	8-1	0.00000
8	0.59164	SLE	Max	0.0000	0.0000	8-1	0.59164
8	1.18328	SLE	Max	0.0000	0.0000	8-1	1.18328
8	0.00000	SLE	Min	0.0000	-1430.2420	8-1	0.00000
8	0.59164	SLE	Min	0.0000	-1160.8506	8-1	0.59164
8	1.18328	SLE	Min	0.0000	-938.1872	8-1	1.18328
8	0.00000	SLE_SISMA_DOWN	Max	0.0000	0.0000	8-1	0.00000
8	0.59164	SLE_SISMA_DOWN	Max	0.0000	0.0000	8-1	0.59164
8	1.18328	SLE_SISMA_DOWN	Max	0.0000	0.0000	8-1	1.18328
8	0.00000	SLE_SISMA_DOWN	Min	0.0000	-1194.3209	8-1	0.00000
8	0.59164	SLE_SISMA_DOWN	Min	0.0000	-917.7554	8-1	0.59164
8	1.18328	SLE_SISMA_DOWN	Min	0.0000	-691.8630	8-1	1.18328
8	0.00000	SLE_SISMA_UP	Max	0.0000	0.0000	8-1	0.00000
8	0.59164	SLE_SISMA_UP	Max	0.0000	0.0000	8-1	0.59164
8	1.18328	SLE_SISMA_UP	Max	0.0000	0.0000	8-1	1.18328
8	0.00000	SLE_SISMA_UP	Min	0.0000	-1022.6489	8-1	0.00000
8	0.59164	SLE_SISMA_UP	Min	0.0000	-774.8015	8-1	0.59164
8	1.18328	SLE_SISMA_UP	Min	0.0000	-575.4935	8-1	1.18328
8	0.00000	SLU_SISMA_DOWN	Max	0.0000	0.0000	8-1	0.00000
8	0.59164	SLU_SISMA_DOWN	Max	0.0000	0.0000	8-1	0.59164
8	1.18328	SLU_SISMA_DOWN	Max	0.0000	0.0000	8-1	1.18328

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
8	0.00000	SLU_SISMA_DOWN	Min	0.0000	-671.7476	8-1	0.00000
8	0.59164	SLU_SISMA_DOWN	Min	0.0000	-414.8600	8-1	0.59164
8	1.18328	SLU_SISMA_DOWN	Min	0.0000	-218.0313	8-1	1.18328
8	0.00000	SLU_SISMA_UP	Max	0.0000	0.0000	8-1	0.00000
8	0.59164	SLU_SISMA_UP	Max	0.0000	0.0000	8-1	0.59164
8	1.18328	SLU_SISMA_UP	Max	0.0000	28.7051	8-1	1.18328
8	0.00000	SLU_SISMA_UP	Min	0.0000	-302.2281	8-1	0.00000
8	0.59164	SLU_SISMA_UP	Min	0.0000	-109.0638	8-1	0.59164
8	1.18328	SLU_SISMA_UP	Min	0.0000	0.0000	8-1	1.18328
9	0.00000	SLE	Max	0.0000	0.0000	9-1	0.00000
9	0.59173	SLE	Max	0.0000	0.0000	9-1	0.59173
9	1.18346	SLE	Max	0.0000	0.0000	9-1	1.18346
9	0.00000	SLE	Min	0.0000	-938.1872	9-1	0.00000
9	0.59173	SLE	Min	0.0000	-678.6463	9-1	0.59173
9	1.18346	SLE	Min	0.0000	-465.4619	9-1	1.18346
9	0.00000	SLE_SISMA_DOWN	Max	0.0000	0.0000	9-1	0.00000
9	0.59173	SLE_SISMA_DOWN	Max	0.0000	0.0000	9-1	0.59173
9	1.18346	SLE_SISMA_DOWN	Max	0.0000	0.0000	9-1	1.18346
9	0.00000	SLE_SISMA_DOWN	Min	0.0000	-691.8630	9-1	0.00000
9	0.59173	SLE_SISMA_DOWN	Min	0.0000	-435.1311	9-1	0.59173
9	1.18346	SLE_SISMA_DOWN	Min	0.0000	-228.2147	9-1	1.18346
9	0.00000	SLE_SISMA_UP	Max	0.0000	0.0000	9-1	0.00000
9	0.59173	SLE_SISMA_UP	Max	0.0000	0.0000	9-1	0.59173
9	1.18346	SLE_SISMA_UP	Max	0.0000	0.0000	9-1	1.18346
9	0.00000	SLE_SISMA_UP	Min	0.0000	-575.4935	9-1	0.00000
9	0.59173	SLE_SISMA_UP	Min	0.0000	-347.6133	9-1	0.59173
9	1.18346	SLE_SISMA_UP	Min	0.0000	-167.1207	9-1	1.18346
9	0.00000	SLU_SISMA_DOWN	Max	0.0000	0.0000	9-1	0.00000
9	0.59173	SLU_SISMA_DOWN	Max	0.0000	2.8404	9-1	0.59173
9	1.18346	SLU_SISMA_DOWN	Max	0.0000	166.2897	9-1	1.18346
9	0.00000	SLU_SISMA_DOWN	Min	0.0000	-218.0313	9-1	0.00000
9	0.59173	SLU_SISMA_DOWN	Min	0.0000	0.0000	9-1	0.59173
9	1.18346	SLU_SISMA_DOWN	Min	0.0000	0.0000	9-1	1.18346
9	0.00000	SLU_SISMA_UP	Max	0.0000	28.7051	9-1	0.00000
9	0.59173	SLU_SISMA_UP	Max	0.0000	185.4040	9-1	0.59173

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
9	1.18346	SLU_SISMA _UP	Max	0.0000	290.1354	9-1	1.18346
9	0.00000	SLU_SISMA _UP	Min	0.0000	0.0000	9-1	0.00000
9	0.59173	SLU_SISMA _UP	Min	0.0000	0.0000	9-1	0.59173
9	1.18346	SLU_SISMA _UP	Min	0.0000	0.0000	9-1	1.18346
10	0.00000	SLE	Max	0.0000	0.0000	10-1	0.00000
10	0.59173	SLE	Max	0.0000	0.0000	10-1	0.59173
10	1.18346	SLE	Max	0.0000	0.0000	10-1	1.18346
10	0.00000	SLE	Min	0.0000	-465.4619	10-1	0.00000
10	0.59173	SLE	Min	0.0000	-230.1377	10-1	0.59173
10	1.18346	SLE	Min	0.0000	-40.7369	10-1	1.18346
10	0.00000	SLE_SISMA _DOWN	Max	0.0000	0.0000	10-1	0.00000
10	0.59173	SLE_SISMA _DOWN	Max	0.0000	0.0000	10-1	0.59173
10	1.18346	SLE_SISMA _DOWN	Max	0.0000	170.8572	10-1	1.18346
10	0.00000	SLE_SISMA _DOWN	Min	0.0000	-228.2147	10-1	0.00000
10	0.59173	SLE_SISMA _DOWN	Min	0.0000	-4.2493	10-1	0.59173
10	1.18346	SLE_SISMA _DOWN	Min	0.0000	0.0000	10-1	1.18346
10	0.00000	SLE_SISMA _UP	Max	0.0000	0.0000	10-1	0.00000
10	0.59173	SLE_SISMA _UP	Max	0.0000	29.9609	10-1	0.59173
10	1.18346	SLE_SISMA _UP	Max	0.0000	180.8499	10-1	1.18346
10	0.00000	SLE_SISMA _UP	Min	0.0000	-167.1207	10-1	0.00000
10	0.59173	SLE_SISMA _UP	Min	0.0000	0.0000	10-1	0.59173
10	1.18346	SLE_SISMA _UP	Min	0.0000	0.0000	10-1	1.18346
10	0.00000	SLU_SISMA _DOWN	Max	0.0000	166.2897	10-1	0.00000
10	0.59173	SLU_SISMA _DOWN	Max	0.0000	343.6883	10-1	0.59173
10	1.18346	SLU_SISMA _DOWN	Max	0.0000	466.2682	10-1	1.18346
10	0.00000	SLU_SISMA _DOWN	Min	0.0000	0.0000	10-1	0.00000
10	0.59173	SLU_SISMA _DOWN	Min	0.0000	0.0000	10-1	0.59173
10	1.18346	SLU_SISMA _DOWN	Min	0.0000	0.0000	10-1	1.18346
10	0.00000	SLU_SISMA _UP	Max	0.0000	290.1354	10-1	0.00000
10	0.59173	SLU_SISMA _UP	Max	0.0000	407.8606	10-1	0.59173
10	1.18346	SLU_SISMA _UP	Max	0.0000	476.8519	10-1	1.18346
10	0.00000	SLU_SISMA _UP	Min	0.0000	0.0000	10-1	0.00000
10	0.59173	SLU_SISMA _UP	Min	0.0000	0.0000	10-1	0.59173
10	1.18346	SLU_SISMA _UP	Min	0.0000	0.0000	10-1	1.18346
11	0.00000	SLE	Max	0.0000	0.0000	11-1	0.00000
11	0.59173	SLE	Max	0.0000	159.9042	11-1	0.59173

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem	ElemStation m
11	1.18346	SLE	Max	0.0000	314.6058	11-1	1.18346
11	0.00000	SLE	Min	0.0000	-40.7369	11-1	0.00000
11	0.59173	SLE	Min	0.0000	0.0000	11-1	0.59173
11	1.18346	SLE	Min	0.0000	0.0000	11-1	1.18346
11	0.00000	SLE_SISMA _DOWN	Max	0.0000	170.8572	11-1	0.00000
11	0.59173	SLE_SISMA _DOWN	Max	0.0000	353.2576	11-1	0.59173
11	1.18346	SLE_SISMA _DOWN	Max	0.0000	487.2853	11-1	1.18346
11	0.00000	SLE_SISMA _DOWN	Min	0.0000	0.0000	11-1	0.00000
11	0.59173	SLE_SISMA _DOWN	Min	0.0000	0.0000	11-1	0.59173
11	1.18346	SLE_SISMA _DOWN	Min	0.0000	0.0000	11-1	1.18346
11	0.00000	SLE_SISMA _UP	Max	0.0000	180.8499	11-1	0.00000
11	0.59173	SLE_SISMA _UP	Max	0.0000	340.0349	11-1	0.59173
11	1.18346	SLE_SISMA _UP	Max	0.0000	453.7354	11-1	1.18346
11	0.00000	SLE_SISMA _UP	Min	0.0000	0.0000	11-1	0.00000
11	0.59173	SLE_SISMA _UP	Min	0.0000	0.0000	11-1	0.59173
11	1.18346	SLE_SISMA _UP	Min	0.0000	0.0000	11-1	1.18346
11	0.00000	SLU_SISMA _DOWN	Max	0.0000	466.2682	11-1	0.00000
11	0.59173	SLU_SISMA _DOWN	Max	0.0000	596.7994	11-1	0.59173
11	1.18346	SLU_SISMA _DOWN	Max	0.0000	674.4114	11-1	1.18346
11	0.00000	SLU_SISMA _DOWN	Min	0.0000	0.0000	11-1	0.00000
11	0.59173	SLU_SISMA _DOWN	Min	0.0000	0.0000	11-1	0.59173
11	1.18346	SLU_SISMA _DOWN	Min	0.0000	0.0000	11-1	1.18346
11	0.00000	SLU_SISMA _UP	Max	0.0000	476.8519	11-1	0.00000
11	0.59173	SLU_SISMA _UP	Max	0.0000	556.1971	11-1	0.59173
11	1.18346	SLU_SISMA _UP	Max	0.0000	589.2484	11-1	1.18346
11	0.00000	SLU_SISMA _UP	Min	0.0000	0.0000	11-1	0.00000
11	0.59173	SLU_SISMA _UP	Min	0.0000	0.0000	11-1	0.59173
11	1.18346	SLU_SISMA _UP	Min	0.0000	0.0000	11-1	1.18346
12	0.00000	SLE	Max	0.0000	314.6058	12-1	0.00000
12	0.59173	SLE	Max	0.0000	471.3320	12-1	0.59173
12	1.18346	SLE	Max	0.0000	581.9274	12-1	1.18346
12	0.00000	SLE	Min	0.0000	0.0000	12-1	0.00000
12	0.59173	SLE	Min	0.0000	0.0000	12-1	0.59173
12	1.18346	SLE	Min	0.0000	0.0000	12-1	1.18346
12	0.00000	SLE_SISMA _DOWN	Max	0.0000	487.2853	12-1	0.00000
12	0.59173	SLE_SISMA _DOWN	Max	0.0000	620.6296	12-1	0.59173
12	1.18346	SLE_SISMA _DOWN	Max	0.0000	705.8409	12-1	1.18346

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
12	0.00000	SLE_SISMA _DOWN	Min	0.0000	0.0000	12-1	0.00000
12	0.59173	SLE_SISMA _DOWN	Min	0.0000	0.0000	12-1	0.59173
12	1.18346	SLE_SISMA _DOWN	Min	0.0000	0.0000	12-1	1.18346
12	0.00000	SLE_SISMA _UP	Max	0.0000	453.7354	12-1	0.00000
12	0.59173	SLE_SISMA _UP	Max	0.0000	568.9759	12-1	0.59173
12	1.18346	SLE_SISMA _UP	Max	0.0000	639.1518	12-1	1.18346
12	0.00000	SLE_SISMA _UP	Min	0.0000	0.0000	12-1	0.00000
12	0.59173	SLE_SISMA _UP	Min	0.0000	0.0000	12-1	0.59173
12	1.18346	SLE_SISMA _UP	Min	0.0000	0.0000	12-1	1.18346
12	0.00000	SLU_SISMA _DOWN	Max	0.0000	674.4114	12-1	0.00000
12	0.59173	SLU_SISMA _DOWN	Max	0.0000	755.4581	12-1	0.59173
12	1.18346	SLU_SISMA _DOWN	Max	0.0000	784.9381	12-1	1.18346
12	0.00000	SLU_SISMA _DOWN	Min	0.0000	0.0000	12-1	0.00000
12	0.59173	SLU_SISMA _DOWN	Min	0.0000	0.0000	12-1	0.59173
12	1.18346	SLU_SISMA _DOWN	Min	0.0000	0.0000	12-1	1.18346
12	0.00000	SLU_SISMA _UP	Max	0.0000	589.2484	12-1	0.00000
12	0.59173	SLU_SISMA _UP	Max	0.0000	630.8981	12-1	0.59173
12	1.18346	SLU_SISMA _UP	Max	0.0000	628.0169	12-1	1.18346
12	0.00000	SLU_SISMA _UP	Min	0.0000	0.0000	12-1	0.00000
12	0.59173	SLU_SISMA _UP	Min	0.0000	0.0000	12-1	0.59173
12	1.18346	SLU_SISMA _UP	Min	0.0000	0.0000	12-1	1.18346
13	0.00000	SLE	Max	0.0000	581.9274	13-1	0.00000
13	0.59173	SLE	Max	0.0000	687.8408	13-1	0.59173
13	1.18346	SLE	Max	0.0000	747.5958	13-1	1.18346
13	0.00000	SLE	Min	0.0000	0.0000	13-1	0.00000
13	0.59173	SLE	Min	0.0000	0.0000	13-1	0.59173
13	1.18346	SLE	Min	0.0000	0.0000	13-1	1.18346
13	0.00000	SLE_SISMA _DOWN	Max	0.0000	705.8409	13-1	0.00000
13	0.59173	SLE_SISMA _DOWN	Max	0.0000	784.8724	13-1	0.59173
13	1.18346	SLE_SISMA _DOWN	Max	0.0000	816.0666	13-1	1.18346
13	0.00000	SLE_SISMA _DOWN	Min	0.0000	0.0000	13-1	0.00000
13	0.59173	SLE_SISMA _DOWN	Min	0.0000	0.0000	13-1	0.59173
13	1.18346	SLE_SISMA _DOWN	Min	0.0000	0.0000	13-1	1.18346
13	0.00000	SLE_SISMA _UP	Max	0.0000	639.1518	13-1	0.00000
13	0.59173	SLE_SISMA _UP	Max	0.0000	706.2624	13-1	0.59173

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
13	1.18346	SLE_SISMA _UP	Max	0.0000	728.7128	13-1	1.18346
13	0.00000	SLE_SISMA _UP	Min	0.0000	0.0000	13-1	0.00000
13	0.59173	SLE_SISMA _UP	Min	0.0000	0.0000	13-1	0.59173
13	1.18346	SLE_SISMA _UP	Min	0.0000	0.0000	13-1	1.18346
13	0.00000	SLU_SISMA _DOWN	Max	0.0000	784.9381	13-1	0.00000
13	0.59173	SLU_SISMA _DOWN	Max	0.0000	815.2855	13-1	0.59173
13	1.18346	SLU_SISMA _DOWN	Max	0.0000	795.1354	13-1	1.18346
13	0.00000	SLU_SISMA _DOWN	Min	0.0000	0.0000	13-1	0.00000
13	0.59173	SLU_SISMA _DOWN	Min	0.0000	0.0000	13-1	0.59173
13	1.18346	SLU_SISMA _DOWN	Min	0.0000	0.0000	13-1	1.18346
13	0.00000	SLU_SISMA _UP	Max	0.0000	628.0169	13-1	0.00000
13	0.59173	SLU_SISMA _UP	Max	0.0000	633.1554	13-1	0.59173
13	1.18346	SLU_SISMA _UP	Max	0.0000	595.0732	13-1	1.18346
13	0.00000	SLU_SISMA _UP	Min	0.0000	0.0000	13-1	0.00000
13	0.59173	SLU_SISMA _UP	Min	0.0000	0.0000	13-1	0.59173
13	1.18346	SLU_SISMA _UP	Min	0.0000	0.0000	13-1	1.18346
14	0.00000	SLE	Max	0.0000	747.5958	14-1	0.00000
14	0.59173	SLE	Max	0.0000	798.6782	14-1	0.59173
14	1.18346	SLE	Max	0.0000	803.6715	14-1	1.18346
14	0.00000	SLE	Min	0.0000	0.0000	14-1	0.00000
14	0.59173	SLE	Min	0.0000	0.0000	14-1	0.59173
14	1.18346	SLE	Min	0.0000	0.0000	14-1	1.18346
14	0.00000	SLE_SISMA _DOWN	Max	0.0000	816.0666	14-1	0.00000
14	0.59173	SLE_SISMA _DOWN	Max	0.0000	838.1541	14-1	0.59173
14	1.18346	SLE_SISMA _DOWN	Max	0.0000	812.6461	14-1	1.18346
14	0.00000	SLE_SISMA _DOWN	Min	0.0000	0.0000	14-1	0.00000
14	0.59173	SLE_SISMA _DOWN	Min	0.0000	0.0000	14-1	0.59173
14	1.18346	SLE_SISMA _DOWN	Min	0.0000	0.0000	14-1	1.18346
14	0.00000	SLE_SISMA _UP	Max	0.0000	728.7128	14-1	0.00000
14	0.59173	SLE_SISMA _UP	Max	0.0000	745.7049	14-1	0.59173
14	1.18346	SLE_SISMA _UP	Max	0.0000	718.3251	14-1	1.18346
14	0.00000	SLE_SISMA _UP	Min	0.0000	0.0000	14-1	0.00000
14	0.59173	SLE_SISMA _UP	Min	0.0000	0.0000	14-1	0.59173
14	1.18346	SLE_SISMA _UP	Min	0.0000	0.0000	14-1	1.18346
14	0.00000	SLU_SISMA _DOWN	Max	0.0000	795.1354	14-1	0.00000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
14	0.59173	SLU_SISMA _DOWN	Max	0.0000	775.1303	14-1	0.59173
14	1.18346	SLU_SISMA _DOWN	Max	0.0000	705.2676	14-1	1.18346
14	0.00000	SLU_SISMA _DOWN	Min	0.0000	0.0000	14-1	0.00000
14	0.59173	SLU_SISMA _DOWN	Min	0.0000	0.0000	14-1	0.59173
14	1.18346	SLU_SISMA _DOWN	Min	0.0000	0.0000	14-1	1.18346
14	0.00000	SLU_SISMA _UP	Max	0.0000	595.0732	14-1	0.00000
14	0.59173	SLU_SISMA _UP	Max	0.0000	565.4569	14-1	0.59173
14	1.18346	SLU_SISMA _UP	Max	0.0000	493.3612	14-1	1.18346
14	0.00000	SLU_SISMA _UP	Min	0.0000	0.0000	14-1	0.00000
14	0.59173	SLU_SISMA _UP	Min	0.0000	0.0000	14-1	0.59173
14	1.18346	SLU_SISMA _UP	Min	0.0000	0.0000	14-1	1.18346
15	0.00000	SLE	Max	0.0000	803.6715	15-1	0.00000
15	0.59173	SLE	Max	0.0000	798.6800	15-1	0.59173
15	1.18346	SLE	Max	0.0000	747.5993	15-1	1.18346
15	0.00000	SLE	Min	0.0000	0.0000	15-1	0.00000
15	0.59173	SLE	Min	0.0000	0.0000	15-1	0.59173
15	1.18346	SLE	Min	0.0000	0.0000	15-1	1.18346
15	0.00000	SLE_SISMA _DOWN	Max	0.0000	812.6461	15-1	0.00000
15	0.59173	SLE_SISMA _DOWN	Max	0.0000	777.5727	15-1	0.59173
15	1.18346	SLE_SISMA _DOWN	Max	0.0000	694.9530	15-1	1.18346
15	0.00000	SLE_SISMA _DOWN	Min	0.0000	0.0000	15-1	0.00000
15	0.59173	SLE_SISMA _DOWN	Min	0.0000	0.0000	15-1	0.59173
15	1.18346	SLE_SISMA _DOWN	Min	0.0000	0.0000	15-1	1.18346
15	0.00000	SLE_SISMA _UP	Max	0.0000	718.3251	15-1	0.00000
15	0.59173	SLE_SISMA _UP	Max	0.0000	685.2045	15-1	0.59173
15	1.18346	SLE_SISMA _UP	Max	0.0000	607.7614	15-1	1.18346
15	0.00000	SLE_SISMA _UP	Min	0.0000	0.0000	15-1	0.00000
15	0.59173	SLE_SISMA _UP	Min	0.0000	0.0000	15-1	0.59173
15	1.18346	SLE_SISMA _UP	Min	0.0000	0.0000	15-1	1.18346
15	0.00000	SLU_SISMA _DOWN	Max	0.0000	705.2676	15-1	0.00000
15	0.59173	SLU_SISMA _DOWN	Max	0.0000	636.4762	15-1	0.59173
15	1.18346	SLU_SISMA _DOWN	Max	0.0000	517.9501	15-1	1.18346
15	0.00000	SLU_SISMA _DOWN	Min	0.0000	0.0000	15-1	0.00000
15	0.59173	SLU_SISMA _DOWN	Min	0.0000	0.0000	15-1	0.59173
15	1.18346	SLU_SISMA _DOWN	Min	0.0000	0.0000	15-1	1.18346

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
15	0.00000	SLU_SISMA _UP	Max	0.0000	493.3612	15-1	0.00000
15	0.59173	SLU_SISMA _UP	Max	0.0000	431.0117	15-1	0.59173
15	1.18346	SLU_SISMA _UP	Max	0.0000	326.3058	15-1	1.18346
15	0.00000	SLU_SISMA _UP	Min	0.0000	0.0000	15-1	0.00000
15	0.59173	SLU_SISMA _UP	Min	0.0000	0.0000	15-1	0.59173
15	1.18346	SLU_SISMA _UP	Min	0.0000	0.0000	15-1	1.18346
16	0.00000	SLE	Max	0.0000	747.5993	16-1	0.00000
16	0.59173	SLE	Max	0.0000	687.8459	16-1	0.59173
16	1.18346	SLE	Max	0.0000	581.9341	16-1	1.18346
16	0.00000	SLE	Min	0.0000	0.0000	16-1	0.00000
16	0.59173	SLE	Min	0.0000	0.0000	16-1	0.59173
16	1.18346	SLE	Min	0.0000	0.0000	16-1	1.18346
16	0.00000	SLE_SISMA _DOWN	Max	0.0000	694.9530	16-1	0.00000
16	0.59173	SLE_SISMA _DOWN	Max	0.0000	605.0471	16-1	0.59173
16	1.18346	SLE_SISMA _DOWN	Max	0.0000	467.7416	16-1	1.18346
16	0.00000	SLE_SISMA _DOWN	Min	0.0000	0.0000	16-1	0.00000
16	0.59173	SLE_SISMA _DOWN	Min	0.0000	0.0000	16-1	0.59173
16	1.18346	SLE_SISMA _DOWN	Min	0.0000	0.0000	16-1	1.18346
16	0.00000	SLE_SISMA _UP	Max	0.0000	607.7614	16-1	0.00000
16	0.59173	SLE_SISMA _UP	Max	0.0000	526.6785	16-1	0.59173
16	1.18346	SLE_SISMA _UP	Max	0.0000	401.3731	16-1	1.18346
16	0.00000	SLE_SISMA _UP	Min	0.0000	0.0000	16-1	0.00000
16	0.59173	SLE_SISMA _UP	Min	0.0000	0.0000	16-1	0.59173
16	1.18346	SLE_SISMA _UP	Min	0.0000	0.0000	16-1	1.18346
16	0.00000	SLU_SISMA _DOWN	Max	0.0000	517.9501	16-1	0.00000
16	0.59173	SLU_SISMA _DOWN	Max	0.0000	403.8231	16-1	0.59173
16	1.18346	SLU_SISMA _DOWN	Max	0.0000	240.2879	16-1	1.18346
16	0.00000	SLU_SISMA _DOWN	Min	0.0000	0.0000	16-1	0.00000
16	0.59173	SLU_SISMA _DOWN	Min	0.0000	0.0000	16-1	0.59173
16	1.18346	SLU_SISMA _DOWN	Min	0.0000	0.0000	16-1	1.18346
16	0.00000	SLU_SISMA _UP	Max	0.0000	326.3058	16-1	0.00000
16	0.59173	SLU_SISMA _UP	Max	0.0000	234.2241	16-1	0.59173
16	1.18346	SLU_SISMA _UP	Max	0.0000	100.0107	16-1	1.18346
16	0.00000	SLU_SISMA _UP	Min	0.0000	0.0000	16-1	0.00000
16	0.59173	SLU_SISMA _UP	Min	0.0000	0.0000	16-1	0.59173

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
16	1.18346	SLU_SISMA _UP	Min	0.0000	0.0000	16-1	1.18346
17	0.00000	SLE	Max	0.0000	581.9341	17-1	0.00000
17	0.59173	SLE	Max	0.0000	471.3401	17-1	0.59173
17	1.18346	SLE	Max	0.0000	314.6153	17-1	1.18346
17	0.00000	SLE	Min	0.0000	0.0000	17-1	0.00000
17	0.59173	SLE	Min	0.0000	0.0000	17-1	0.59173
17	1.18346	SLE	Min	0.0000	0.0000	17-1	1.18346
17	0.00000	SLE_SISMA _DOWN	Max	0.0000	467.7416	17-1	0.00000
17	0.59173	SLE_SISMA _DOWN	Max	0.0000	328.5463	17-1	0.59173
17	1.18346	SLE_SISMA _DOWN	Max	0.0000	142.3971	17-1	1.18346
17	0.00000	SLE_SISMA _DOWN	Min	0.0000	0.0000	17-1	0.00000
17	0.59173	SLE_SISMA _DOWN	Min	0.0000	0.0000	17-1	0.59173
17	1.18346	SLE_SISMA _DOWN	Min	0.0000	0.0000	17-1	1.18346
17	0.00000	SLE_SISMA _UP	Max	0.0000	401.3731	17-1	0.00000
17	0.59173	SLE_SISMA _UP	Max	0.0000	277.2888	17-1	0.59173
17	1.18346	SLE_SISMA _UP	Max	0.0000	109.3189	17-1	1.18346
17	0.00000	SLE_SISMA _UP	Min	0.0000	0.0000	17-1	0.00000
17	0.59173	SLE_SISMA _UP	Min	0.0000	0.0000	17-1	0.59173
17	1.18346	SLE_SISMA _UP	Min	0.0000	0.0000	17-1	1.18346
17	0.00000	SLU_SISMA _DOWN	Max	0.0000	240.2879	17-1	0.00000
17	0.59173	SLU_SISMA _DOWN	Max	0.0000	87.7502	17-1	0.59173
17	1.18346	SLU_SISMA _DOWN	Max	0.0000	0.0000	17-1	1.18346
17	0.00000	SLU_SISMA _DOWN	Min	0.0000	0.0000	17-1	0.00000
17	0.59173	SLU_SISMA _DOWN	Min	0.0000	0.0000	17-1	0.59173
17	1.18346	SLU_SISMA _DOWN	Min	0.0000	-113.4202	17-1	1.18346
17	0.00000	SLU_SISMA _UP	Max	0.0000	100.0107	17-1	0.00000
17	0.59173	SLU_SISMA _UP	Max	0.0000	0.0000	17-1	0.59173
17	1.18346	SLU_SISMA _UP	Max	0.0000	0.0000	17-1	1.18346
17	0.00000	SLU_SISMA _UP	Min	0.0000	0.0000	17-1	0.00000
17	0.59173	SLU_SISMA _UP	Min	0.0000	-16.2424	17-1	0.59173
17	1.18346	SLU_SISMA _UP	Min	0.0000	-174.0926	17-1	1.18346
18	0.00000	SLE	Max	0.0000	314.6153	18-1	0.00000
18	0.59173	SLE	Max	0.0000	159.9147	18-1	0.59173
18	1.18346	SLE	Max	0.0000	0.0000	18-1	1.18346
18	0.00000	SLE	Min	0.0000	0.0000	18-1	0.00000
18	0.59173	SLE	Min	0.0000	0.0000	18-1	0.59173
18	1.18346	SLE	Min	0.0000	-40.7253	18-1	1.18346
18	0.00000	SLE_SISMA _DOWN	Max	0.0000	142.3971	18-1	0.00000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
18	0.59173	SLE_SISMA _DOWN	Max	0.0000	0.0000	18-1	0.59173
18	1.18346	SLE_SISMA _DOWN	Max	0.0000	0.0000	18-1	1.18346
18	0.00000	SLE_SISMA _DOWN	Min	0.0000	0.0000	18-1	0.00000
18	0.59173	SLE_SISMA _DOWN	Min	0.0000	-37.1495	18-1	0.59173
18	1.18346	SLE_SISMA _DOWN	Min	0.0000	-262.8625	18-1	1.18346
18	0.00000	SLE_SISMA _UP	Max	0.0000	109.3189	18-1	0.00000
18	0.59173	SLE_SISMA _UP	Max	0.0000	0.0000	18-1	0.59173
18	1.18346	SLE_SISMA _UP	Max	0.0000	0.0000	18-1	1.18346
18	0.00000	SLE_SISMA _UP	Min	0.0000	0.0000	18-1	0.00000
18	0.59173	SLE_SISMA _UP	Min	0.0000	-49.8301	18-1	0.59173
18	1.18346	SLE_SISMA _UP	Min	0.0000	-252.2575	18-1	1.18346
18	0.00000	SLU_SISMA _DOWN	Max	0.0000	0.0000	18-1	0.00000
18	0.59173	SLU_SISMA _DOWN	Max	0.0000	0.0000	18-1	0.59173
18	1.18346	SLU_SISMA _DOWN	Max	0.0000	0.0000	18-1	1.18346
18	0.00000	SLU_SISMA _DOWN	Min	0.0000	-113.4202	18-1	0.00000
18	0.59173	SLU_SISMA _DOWN	Min	0.0000	-293.8274	18-1	0.59173
18	1.18346	SLU_SISMA _DOWN	Min	0.0000	-521.6637	18-1	1.18346
18	0.00000	SLU_SISMA _UP	Max	0.0000	0.0000	18-1	0.00000
18	0.59173	SLU_SISMA _UP	Max	0.0000	0.0000	18-1	0.59173
18	1.18346	SLU_SISMA _UP	Max	0.0000	0.0000	18-1	1.18346
18	0.00000	SLU_SISMA _UP	Min	0.0000	-174.0926	18-1	0.00000
18	0.59173	SLU_SISMA _UP	Min	0.0000	-306.2948	18-1	0.59173
18	1.18346	SLU_SISMA _UP	Min	0.0000	-479.3009	18-1	1.18346
19	0.00000	SLE	Max	0.0000	0.0000	19-1	0.00000
19	0.59173	SLE	Max	0.0000	0.0000	19-1	0.59173
19	1.18346	SLE	Max	0.0000	0.0000	19-1	1.18346
19	0.00000	SLE	Min	0.0000	-40.7253	19-1	0.00000
19	0.59173	SLE	Min	0.0000	-230.1256	19-1	0.59173
19	1.18346	SLE	Min	0.0000	-465.4492	19-1	1.18346
19	0.00000	SLE_SISMA _DOWN	Max	0.0000	0.0000	19-1	0.00000
19	0.59173	SLE_SISMA _DOWN	Max	0.0000	0.0000	19-1	0.59173
19	1.18346	SLE_SISMA _DOWN	Max	0.0000	0.0000	19-1	1.18346
19	0.00000	SLE_SISMA _DOWN	Min	0.0000	-262.8625	19-1	0.00000
19	0.59173	SLE_SISMA _DOWN	Min	0.0000	-470.7228	19-1	0.59173
19	1.18346	SLE_SISMA _DOWN	Min	0.0000	-724.0159	19-1	1.18346

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
19	0.00000	SLE_SISMA_UP	Max	0.0000	0.0000	19-1	0.00000
19	0.59173	SLE_SISMA_UP	Max	0.0000	0.0000	19-1	0.59173
19	1.18346	SLE_SISMA_UP	Max	0.0000	0.0000	19-1	1.18346
19	0.00000	SLE_SISMA_UP	Min	0.0000	-252.2575	19-1	0.00000
19	0.59173	SLE_SISMA_UP	Min	0.0000	-435.8370	19-1	0.59173
19	1.18346	SLE_SISMA_UP	Min	0.0000	-662.1831	19-1	1.18346
19	0.00000	SLU_SISMA_DOWN	Max	0.0000	0.0000	19-1	0.00000
19	0.59173	SLU_SISMA_DOWN	Max	0.0000	0.0000	19-1	0.59173
19	1.18346	SLU_SISMA_DOWN	Max	0.0000	0.0000	19-1	1.18346
19	0.00000	SLU_SISMA_DOWN	Min	0.0000	-521.6637	19-1	0.00000
19	0.59173	SLU_SISMA_DOWN	Min	0.0000	-716.3151	19-1	0.59173
19	1.18346	SLU_SISMA_DOWN	Min	0.0000	-957.2596	19-1	1.18346
19	0.00000	SLU_SISMA_UP	Max	0.0000	0.0000	19-1	0.00000
19	0.59173	SLU_SISMA_UP	Max	0.0000	0.0000	19-1	0.59173
19	1.18346	SLU_SISMA_UP	Max	0.0000	0.0000	19-1	1.18346
19	0.00000	SLU_SISMA_UP	Min	0.0000	-479.3009	19-1	0.00000
19	0.59173	SLU_SISMA_UP	Min	0.0000	-617.0817	19-1	0.59173
19	1.18346	SLU_SISMA_UP	Min	0.0000	-795.0708	19-1	1.18346
20	0.00000	SLE	Max	0.0000	0.0000	20-1	0.00000
20	0.59173	SLE	Max	0.0000	0.0000	20-1	0.59173
20	1.18346	SLE	Max	0.0000	0.0000	20-1	1.18346
20	0.00000	SLE	Min	0.0000	-465.4492	20-1	0.00000
20	0.59173	SLE	Min	0.0000	-678.6336	20-1	0.59173
20	1.18346	SLE	Min	0.0000	-938.1745	20-1	1.18346
20	0.00000	SLE_SISMA_DOWN	Max	0.0000	0.0000	20-1	0.00000
20	0.59173	SLE_SISMA_DOWN	Max	0.0000	0.0000	20-1	0.59173
20	1.18346	SLE_SISMA_DOWN	Max	0.0000	0.0000	20-1	1.18346
20	0.00000	SLE_SISMA_DOWN	Min	0.0000	-724.0159	20-1	0.00000
20	0.59173	SLE_SISMA_DOWN	Min	0.0000	-946.4571	20-1	0.59173
20	1.18346	SLE_SISMA_DOWN	Min	0.0000	-1213.9855	20-1	1.18346
20	0.00000	SLE_SISMA_UP	Max	0.0000	0.0000	20-1	0.00000
20	0.59173	SLE_SISMA_UP	Max	0.0000	0.0000	20-1	0.59173
20	1.18346	SLE_SISMA_UP	Max	0.0000	0.0000	20-1	1.18346
20	0.00000	SLE_SISMA_UP	Min	0.0000	-662.1831	20-1	0.00000
20	0.59173	SLE_SISMA_UP	Min	0.0000	-858.1455	20-1	0.59173

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
20	1.18346	SLE_SISMA_UP	Min	0.0000	-1096.7674	20-1	1.18346
20	0.00000	SLU_SISMA_DOWN	Max	0.0000	0.0000	20-1	0.00000
20	0.59173	SLU_SISMA_DOWN	Max	0.0000	0.0000	20-1	0.59173
20	1.18346	SLU_SISMA_DOWN	Max	0.0000	0.0000	20-1	1.18346
20	0.00000	SLU_SISMA_DOWN	Min	0.0000	-957.2596	20-1	0.00000
20	0.59173	SLU_SISMA_DOWN	Min	0.0000	-1151.1635	20-1	0.59173
20	1.18346	SLU_SISMA_DOWN	Min	0.0000	-1390.7243	20-1	1.18346
20	0.00000	SLU_SISMA_UP	Max	0.0000	0.0000	20-1	0.00000
20	0.59173	SLU_SISMA_UP	Max	0.0000	0.0000	20-1	0.59173
20	1.18346	SLU_SISMA_UP	Max	0.0000	0.0000	20-1	1.18346
20	0.00000	SLU_SISMA_UP	Min	0.0000	-795.0708	20-1	0.00000
20	0.59173	SLU_SISMA_UP	Min	0.0000	-927.4118	20-1	0.59173
20	1.18346	SLU_SISMA_UP	Min	0.0000	-1099.9547	20-1	1.18346
21	0.00000	SLE	Max	0.0000	0.0000	21-1	0.00000
21	0.59164	SLE	Max	0.0000	0.0000	21-1	0.59164
21	1.18328	SLE	Max	0.0000	0.0000	21-1	1.18328
21	0.00000	SLE	Min	0.0000	-938.1745	21-1	0.00000
21	0.59164	SLE	Min	0.0000	-1160.8383	21-1	0.59164
21	1.18328	SLE	Min	0.0000	-1430.2303	21-1	1.18328
21	0.00000	SLE_SISMA_DOWN	Max	0.0000	0.0000	21-1	0.00000
21	0.59164	SLE_SISMA_DOWN	Max	0.0000	0.0000	21-1	0.59164
21	1.18328	SLE_SISMA_DOWN	Max	0.0000	0.0000	21-1	1.18328
21	0.00000	SLE_SISMA_DOWN	Min	0.0000	-1213.9855	21-1	0.00000
21	0.59164	SLE_SISMA_DOWN	Min	0.0000	-1433.7196	21-1	0.59164
21	1.18328	SLE_SISMA_DOWN	Min	0.0000	-1698.1074	21-1	1.18328
21	0.00000	SLE_SISMA_UP	Max	0.0000	0.0000	21-1	0.00000
21	0.59164	SLE_SISMA_UP	Max	0.0000	0.0000	21-1	0.59164
21	1.18328	SLE_SISMA_UP	Max	0.0000	0.0000	21-1	1.18328
21	0.00000	SLE_SISMA_UP	Min	0.0000	-1096.7674	21-1	0.00000
21	0.59164	SLE_SISMA_UP	Min	0.0000	-1289.8720	21-1	0.59164
21	1.18328	SLE_SISMA_UP	Min	0.0000	-1525.4968	21-1	1.18328
21	0.00000	SLU_SISMA_DOWN	Max	0.0000	0.0000	21-1	0.00000
21	0.59164	SLU_SISMA_DOWN	Max	0.0000	0.0000	21-1	0.59164
21	1.18328	SLU_SISMA_DOWN	Max	0.0000	0.0000	21-1	1.18328
21	0.00000	SLU_SISMA_DOWN	Min	0.0000	-1390.7243	21-1	0.00000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
21	0.59164	SLU_SISMA _DOWN	Min	0.0000	-1565.5295	21-1	0.59164
21	1.18328	SLU_SISMA _DOWN	Min	0.0000	-1785.4153	21-1	1.18328
21	0.00000	SLU_SISMA _UP	Max	0.0000	0.0000	21-1	0.00000
21	0.59164	SLU_SISMA _UP	Max	0.0000	0.0000	21-1	0.59164
21	1.18328	SLU_SISMA _UP	Max	0.0000	0.0000	21-1	1.18328
21	0.00000	SLU_SISMA _UP	Min	0.0000	-1099.9547	21-1	0.00000
21	0.59164	SLU_SISMA _UP	Min	0.0000	-1213.3694	21-1	0.59164
21	1.18328	SLU_SISMA _UP	Min	0.0000	-1367.2010	21-1	1.18328
22	0.00000	SLE	Max	0.0000	0.0000	22-1	0.00000
22	0.59160	SLE	Max	0.0000	0.0000	22-1	0.59160
22	1.18320	SLE	Max	0.0000	0.0000	22-1	1.18320
22	0.00000	SLE	Min	0.0000	-1430.2303	22-1	0.00000
22	0.59160	SLE	Min	0.0000	-1638.6666	22-1	0.59160
22	1.18320	SLE	Min	0.0000	-1890.5290	22-1	1.18320
22	0.00000	SLE_SISMA _DOWN	Max	0.0000	0.0000	22-1	0.00000
22	0.59160	SLE_SISMA _DOWN	Max	0.0000	0.0000	22-1	0.59160
22	1.18320	SLE_SISMA _DOWN	Max	0.0000	0.0000	22-1	1.18320
22	0.00000	SLE_SISMA _DOWN	Min	0.0000	-1698.1074	22-1	0.00000
22	0.59160	SLE_SISMA _DOWN	Min	0.0000	-1888.0746	22-1	0.59160
22	1.18320	SLE_SISMA _DOWN	Min	0.0000	-2118.4865	22-1	1.18320
22	0.00000	SLE_SISMA _UP	Max	0.0000	0.0000	22-1	0.00000
22	0.59160	SLE_SISMA _UP	Max	0.0000	0.0000	22-1	0.59160
22	1.18320	SLE_SISMA _UP	Max	0.0000	0.0000	22-1	1.18320
22	0.00000	SLE_SISMA _UP	Min	0.0000	-1525.4968	22-1	0.00000
22	0.59160	SLE_SISMA _UP	Min	0.0000	-1691.5198	22-1	0.59160
22	1.18320	SLE_SISMA _UP	Min	0.0000	-1896.5148	22-1	1.18320
22	0.00000	SLU_SISMA _DOWN	Max	0.0000	0.0000	22-1	0.00000
22	0.59160	SLU_SISMA _DOWN	Max	0.0000	0.0000	22-1	0.59160
22	1.18320	SLU_SISMA _DOWN	Max	0.0000	0.0000	22-1	1.18320
22	0.00000	SLU_SISMA _DOWN	Min	0.0000	-1785.4153	22-1	0.00000
22	0.59160	SLU_SISMA _DOWN	Min	0.0000	-1912.9377	22-1	0.59160
22	1.18320	SLU_SISMA _DOWN	Min	0.0000	-2081.1960	22-1	1.18320
22	0.00000	SLU_SISMA _UP	Max	0.0000	0.0000	22-1	0.00000
22	0.59160	SLU_SISMA _UP	Max	0.0000	0.0000	22-1	0.59160
22	1.18320	SLU_SISMA _UP	Max	0.0000	0.0000	22-1	1.18320

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
22	0.00000	SLU_SISMA _UP	Min	0.0000	-1367.2010	22-1	0.00000
22	0.59160	SLU_SISMA _UP	Min	0.0000	-1444.6147	22-1	0.59160
22	1.18320	SLU_SISMA _UP	Min	0.0000	-1559.6101	22-1	1.18320
23	0.00000	SLE	Max	0.0000	0.0000	23-1	0.00000
23	0.59160	SLE	Max	0.0000	0.0000	23-1	0.59160
23	1.18320	SLE	Max	0.0000	0.0000	23-1	1.18320
23	0.00000	SLE	Min	0.0000	-1890.5290	23-1	0.00000
23	0.59160	SLE	Min	0.0000	-2058.3467	23-1	0.59160
23	1.18320	SLE	Min	0.0000	-2265.0623	23-1	1.18320
23	0.00000	SLE_SISMA _DOWN	Max	0.0000	0.0000	23-1	0.00000
23	0.59160	SLE_SISMA _DOWN	Max	0.0000	0.0000	23-1	0.59160
23	1.18320	SLE_SISMA _DOWN	Max	0.0000	0.0000	23-1	1.18320
23	0.00000	SLE_SISMA _DOWN	Min	0.0000	-2118.4865	23-1	0.00000
23	0.59160	SLE_SISMA _DOWN	Min	0.0000	-2249.9912	23-1	0.59160
23	1.18320	SLE_SISMA _DOWN	Min	0.0000	-2416.6235	23-1	1.18320
23	0.00000	SLE_SISMA _UP	Max	0.0000	0.0000	23-1	0.00000
23	0.59160	SLE_SISMA _UP	Max	0.0000	0.0000	23-1	0.59160
23	1.18320	SLE_SISMA _UP	Max	0.0000	0.0000	23-1	1.18320
23	0.00000	SLE_SISMA _UP	Min	0.0000	-1896.5148	23-1	0.00000
23	0.59160	SLE_SISMA _UP	Min	0.0000	-2010.0531	23-1	0.59160
23	1.18320	SLE_SISMA _UP	Min	0.0000	-2158.0289	23-1	1.18320
23	0.00000	SLU_SISMA _DOWN	Max	0.0000	0.0000	23-1	0.00000
23	0.59160	SLU_SISMA _DOWN	Max	0.0000	0.0000	23-1	0.59160
23	1.18320	SLU_SISMA _DOWN	Max	0.0000	0.0000	23-1	1.18320
23	0.00000	SLU_SISMA _DOWN	Min	0.0000	-2081.1960	23-1	0.00000
23	0.59160	SLU_SISMA _DOWN	Min	0.0000	-2150.9450	23-1	0.59160
23	1.18320	SLU_SISMA _DOWN	Min	0.0000	-2256.1467	23-1	1.18320
23	0.00000	SLU_SISMA _UP	Max	0.0000	0.0000	23-1	0.00000
23	0.59160	SLU_SISMA _UP	Max	0.0000	0.0000	23-1	0.59160
23	1.18320	SLU_SISMA _UP	Max	0.0000	0.0000	23-1	1.18320
23	0.00000	SLU_SISMA _UP	Min	0.0000	-1559.6101	23-1	0.00000
23	0.59160	SLU_SISMA _UP	Min	0.0000	-1598.0164	23-1	0.59160
23	1.18320	SLU_SISMA _UP	Min	0.0000	-1670.4217	23-1	1.18320
24	0.00000	SLE	Max	0.0000	0.0000	24-1	0.00000
24	0.59162	SLE	Max	0.0000	0.0000	24-1	0.59162
24	1.18323	SLE	Max	0.0000	0.0000	24-1	1.18323
24	0.00000	SLE	Min	0.0000	-2265.0623	24-1	0.00000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
24	0.59162	SLE	Min	0.0000	-2369.9852	24-1	0.59162
24	1.18323	SLE	Min	0.0000	-2511.8208	24-1	1.18323
24	0.00000	SLE_SISMA _DOWN	Max	0.0000	0.0000	24-1	0.00000
24	0.59162	SLE_SISMA _DOWN	Max	0.0000	0.0000	24-1	0.59162
24	1.18323	SLE_SISMA _DOWN	Max	0.0000	0.0000	24-1	1.18323
24	0.00000	SLE_SISMA _DOWN	Min	0.0000	-2416.6235	24-1	0.00000
24	0.59162	SLE_SISMA _DOWN	Min	0.0000	-2478.6586	24-1	0.59162
24	1.18323	SLE_SISMA _DOWN	Min	0.0000	-2573.3683	24-1	1.18323
24	0.00000	SLE_SISMA _UP	Max	0.0000	0.0000	24-1	0.00000
24	0.59162	SLE_SISMA _UP	Max	0.0000	0.0000	24-1	0.59162
24	1.18323	SLE_SISMA _UP	Max	0.0000	0.0000	24-1	1.18323
24	0.00000	SLE_SISMA _UP	Min	0.0000	-2158.0289	24-1	0.00000
24	0.59162	SLE_SISMA _UP	Min	0.0000	-2211.2979	24-1	0.59162
24	1.18323	SLE_SISMA _UP	Min	0.0000	-2297.0873	24-1	1.18323
24	0.00000	SLU_SISMA _DOWN	Max	0.0000	0.0000	24-1	0.00000
24	0.59162	SLU_SISMA _DOWN	Max	0.0000	0.0000	24-1	0.59162
24	1.18323	SLU_SISMA _DOWN	Max	0.0000	0.0000	24-1	1.18323
24	0.00000	SLU_SISMA _DOWN	Min	0.0000	-2256.1467	24-1	0.00000
24	0.59162	SLU_SISMA _DOWN	Min	0.0000	-2278.9868	24-1	0.59162
24	1.18323	SLU_SISMA _DOWN	Min	0.0000	-2335.1603	24-1	1.18323
24	0.00000	SLU_SISMA _UP	Max	0.0000	0.0000	24-1	0.00000
24	0.59162	SLU_SISMA _UP	Max	0.0000	0.0000	24-1	0.59162
24	1.18323	SLU_SISMA _UP	Max	0.0000	0.0000	24-1	1.18323
24	0.00000	SLU_SISMA _UP	Min	0.0000	-1670.4217	24-1	0.00000
24	0.59162	SLU_SISMA _UP	Min	0.0000	-1683.4193	24-1	0.59162
24	1.18323	SLU_SISMA _UP	Min	0.0000	-1729.4453	24-1	1.18323
25	0.00000	SLE	Max	0.0000	0.0000	25-1	0.00000
25	0.44749	SLE	Max	0.0000	0.0000	25-1	0.44749
25	0.89498	SLE	Max	0.0000	0.0000	25-1	0.89498
25	0.00000	SLE	Min	0.0000	-2511.8208	25-1	0.00000
25	0.44749	SLE	Min	0.0000	-2589.3709	25-1	0.44749
25	0.89498	SLE	Min	0.0000	-2688.8660	25-1	0.89498
25	0.00000	SLE_SISMA _DOWN	Max	0.0000	0.0000	25-1	0.00000
25	0.44749	SLE_SISMA _DOWN	Max	0.0000	0.0000	25-1	0.44749
25	0.89498	SLE_SISMA _DOWN	Max	0.0000	0.0000	25-1	0.89498
25	0.00000	SLE_SISMA _DOWN	Min	0.0000	-2573.3683	25-1	0.00000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
25	0.44749	SLE_SISMA _DOWN	Min	0.0000	-2626.6660	25-1	0.44749
25	0.89498	SLE_SISMA _DOWN	Min	0.0000	-2699.4314	25-1	0.89498
25	0.00000	SLE_SISMA _UP	Max	0.0000	0.0000	25-1	0.00000
25	0.44749	SLE_SISMA _UP	Max	0.0000	0.0000	25-1	0.44749
25	0.89498	SLE_SISMA _UP	Max	0.0000	0.0000	25-1	0.89498
25	0.00000	SLE_SISMA _UP	Min	0.0000	-2297.0873	25-1	0.00000
25	0.44749	SLE_SISMA _UP	Min	0.0000	-2347.8144	25-1	0.44749
25	0.89498	SLE_SISMA _UP	Min	0.0000	-2418.0092	25-1	0.89498
25	0.00000	SLU_SISMA _DOWN	Max	0.0000	0.0000	25-1	0.00000
25	0.44749	SLU_SISMA _DOWN	Max	0.0000	0.0000	25-1	0.44749
25	0.89498	SLU_SISMA _DOWN	Max	0.0000	0.0000	25-1	0.89498
25	0.00000	SLU_SISMA _DOWN	Min	0.0000	-2335.1603	25-1	0.00000
25	0.44749	SLU_SISMA _DOWN	Min	0.0000	-2382.4977	25-1	0.44749
25	0.89498	SLU_SISMA _DOWN	Min	0.0000	-2449.9832	25-1	0.89498
25	0.00000	SLU_SISMA _UP	Max	0.0000	0.0000	25-1	0.00000
25	0.44749	SLU_SISMA _UP	Max	0.0000	0.0000	25-1	0.44749
25	0.89498	SLU_SISMA _UP	Max	0.0000	0.0000	25-1	0.89498
25	0.00000	SLU_SISMA _UP	Min	0.0000	-1729.4453	25-1	0.00000
25	0.44749	SLU_SISMA _UP	Min	0.0000	-1776.7598	25-1	0.44749
25	0.89498	SLU_SISMA _UP	Min	0.0000	-1844.2226	25-1	0.89498
26	0.00000	SLE	Max	0.0000	0.0000	26-1	0.00000
26	0.44749	SLE	Max	0.0000	0.0000	26-1	0.44749
26	0.89498	SLE	Max	0.0000	0.0000	26-1	0.89498
26	0.00000	SLE	Min	0.0000	-2688.8660	26-1	0.00000
26	0.44749	SLE	Min	0.0000	-2814.4012	26-1	0.44749
26	0.89498	SLE	Min	0.0000	-2963.4014	26-1	0.89498
26	0.00000	SLE_SISMA _DOWN	Max	0.0000	0.0000	26-1	0.00000
26	0.44749	SLE_SISMA _DOWN	Max	0.0000	0.0000	26-1	0.44749
26	0.89498	SLE_SISMA _DOWN	Max	0.0000	0.0000	26-1	0.89498
26	0.00000	SLE_SISMA _DOWN	Min	0.0000	-2699.4314	26-1	0.00000
26	0.44749	SLE_SISMA _DOWN	Min	0.0000	-2813.9264	26-1	0.44749
26	0.89498	SLE_SISMA _DOWN	Min	0.0000	-2949.4092	26-1	0.89498
26	0.00000	SLE_SISMA _UP	Max	0.0000	0.0000	26-1	0.00000
26	0.44749	SLE_SISMA _UP	Max	0.0000	0.0000	26-1	0.44749
26	0.89498	SLE_SISMA _UP	Max	0.0000	0.0000	26-1	0.89498

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
26	0.00000	SLE_SISMA _UP	Min	0.0000	-2418.0092	26-1	0.00000
26	0.44749	SLE_SISMA _UP	Min	0.0000	-2529.7222	26-1	0.44749
26	0.89498	SLE_SISMA _UP	Min	0.0000	-2662.4230	26-1	0.89498
26	0.00000	SLU_SISMA _DOWN	Max	0.0000	0.0000	26-1	0.00000
26	0.44749	SLU_SISMA _DOWN	Max	0.0000	0.0000	26-1	0.44749
26	0.89498	SLU_SISMA _DOWN	Max	0.0000	0.0000	26-1	0.89498
26	0.00000	SLU_SISMA _DOWN	Min	0.0000	-2449.9832	26-1	0.00000
26	0.44749	SLU_SISMA _DOWN	Min	0.0000	-2584.2256	26-1	0.44749
26	0.89498	SLU_SISMA _DOWN	Min	0.0000	-2740.4386	26-1	0.89498
26	0.00000	SLU_SISMA _UP	Max	0.0000	0.0000	26-1	0.00000
26	0.44749	SLU_SISMA _UP	Max	0.0000	0.0000	26-1	0.44749
26	0.89498	SLU_SISMA _UP	Max	0.0000	0.0000	26-1	0.89498
26	0.00000	SLU_SISMA _UP	Min	0.0000	-1844.2226	26-1	0.00000
26	0.44749	SLU_SISMA _UP	Min	0.0000	-1976.6876	26-1	0.44749
26	0.89498	SLU_SISMA _UP	Min	0.0000	-2131.1234	26-1	0.89498
27	0.00000	SLE	Max	0.0000	0.0000	27-1	0.00000
27	0.44747	SLE	Max	0.0000	0.0000	27-1	0.44747
27	0.89493	SLE	Max	0.0000	0.0000	27-1	0.89493
27	0.00000	SLE	Min	0.0000	-2963.4014	27-1	0.00000
27	0.44747	SLE	Min	0.0000	-3139.6802	27-1	0.44747
27	0.89493	SLE	Min	0.0000	-3340.9588	27-1	0.89493
27	0.00000	SLE_SISMA _DOWN	Max	0.0000	0.0000	27-1	0.00000
27	0.44747	SLE_SISMA _DOWN	Max	0.0000	0.0000	27-1	0.44747
27	0.89493	SLE_SISMA _DOWN	Max	0.0000	0.0000	27-1	0.89493
27	0.00000	SLE_SISMA _DOWN	Min	0.0000	-2949.4092	27-1	0.00000
27	0.44747	SLE_SISMA _DOWN	Min	0.0000	-3126.9943	27-1	0.44747
27	0.89493	SLE_SISMA _DOWN	Min	0.0000	-3327.1024	27-1	0.89493
27	0.00000	SLE_SISMA _UP	Max	0.0000	0.0000	27-1	0.00000
27	0.44747	SLE_SISMA _UP	Max	0.0000	0.0000	27-1	0.44747
27	0.89493	SLE_SISMA _UP	Max	0.0000	0.0000	27-1	0.89493
27	0.00000	SLE_SISMA _UP	Min	0.0000	-2662.4230	27-1	0.00000
27	0.44747	SLE_SISMA _UP	Min	0.0000	-2837.0581	27-1	0.44747
27	0.89493	SLE_SISMA _UP	Min	0.0000	-3034.2162	27-1	0.89493
27	0.00000	SLU_SISMA _DOWN	Max	0.0000	0.0000	27-1	0.00000
27	0.44747	SLU_SISMA _DOWN	Max	0.0000	0.0000	27-1	0.44747

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
27	0.89493	SLU_SISMA _DOWN	Max	0.0000	0.0000	27-1	0.89493
27	0.00000	SLU_SISMA _DOWN	Min	0.0000	-2740.4386	27-1	0.00000
27	0.44747	SLU_SISMA _DOWN	Min	0.0000	-2962.9691	27-1	0.44747
27	0.89493	SLU_SISMA _DOWN	Min	0.0000	-3209.3112	27-1	0.89493
27	0.00000	SLU_SISMA _UP	Max	0.0000	0.0000	27-1	0.00000
27	0.44747	SLU_SISMA _UP	Max	0.0000	0.0000	27-1	0.44747
27	0.89493	SLU_SISMA _UP	Max	0.0000	0.0000	27-1	0.89493
27	0.00000	SLU_SISMA _UP	Min	0.0000	-2131.1234	27-1	0.00000
27	0.44747	SLU_SISMA _UP	Min	0.0000	-2350.2246	27-1	0.44747
27	0.89493	SLU_SISMA _UP	Min	0.0000	-2593.1375	27-1	0.89493
28	0.00000	SLE	Max	0.0000	0.0000	28-1	0.00000
28	0.44607	SLE	Max	0.0000	0.0000	28-1	0.44607
28	0.89214	SLE	Max	0.0000	0.0000	28-1	0.89214
28	0.00000	SLE	Min	0.0000	-3340.9588	28-1	0.00000
28	0.44607	SLE	Min	0.0000	-2513.2128	28-1	0.44607
28	0.89214	SLE	Min	0.0000	-1711.8209	28-1	0.89214
28	0.00000	SLE_SISMA _DOWN	Max	0.0000	0.0000	28-1	0.00000
28	0.44607	SLE_SISMA _DOWN	Max	0.0000	0.0000	28-1	0.44607
28	0.89214	SLE_SISMA _DOWN	Max	0.0000	0.0000	28-1	0.89214
28	0.00000	SLE_SISMA _DOWN	Min	0.0000	-3327.1024	28-1	0.00000
28	0.44607	SLE_SISMA _DOWN	Min	0.0000	-2508.8284	28-1	0.44607
28	0.89214	SLE_SISMA _DOWN	Min	0.0000	-1714.4471	28-1	0.89214
28	0.00000	SLE_SISMA _UP	Max	0.0000	0.0000	28-1	0.00000
28	0.44607	SLE_SISMA _UP	Max	0.0000	0.0000	28-1	0.44607
28	0.89214	SLE_SISMA _UP	Max	0.0000	0.0000	28-1	0.89214
28	0.00000	SLE_SISMA _UP	Min	0.0000	-3034.2162	28-1	0.00000
28	0.44607	SLE_SISMA _UP	Min	0.0000	-2291.2390	28-1	0.44607
28	0.89214	SLE_SISMA _UP	Min	0.0000	-1572.1544	28-1	0.89214
28	0.00000	SLU_SISMA _DOWN	Max	0.0000	0.0000	28-1	0.00000
28	0.44607	SLU_SISMA _DOWN	Max	0.0000	0.0000	28-1	0.44607
28	0.89214	SLU_SISMA _DOWN	Max	0.0000	0.0000	28-1	0.89214
28	0.00000	SLU_SISMA _DOWN	Min	0.0000	-3209.3112	28-1	0.00000
28	0.44607	SLU_SISMA _DOWN	Min	0.0000	-2438.9157	28-1	0.44607
28	0.89214	SLU_SISMA _DOWN	Min	0.0000	-1693.9941	28-1	0.89214
28	0.00000	SLU_SISMA _UP	Max	0.0000	0.0000	28-1	0.00000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
28	0.44607	SLU_SISMA _UP	Max	0.0000	0.0000	28-1	0.44607
28	0.89214	SLU_SISMA _UP	Max	0.0000	0.0000	28-1	0.89214
28	0.00000	SLU_SISMA _UP	Min	0.0000	-2593.1375	28-1	0.00000
28	0.44607	SLU_SISMA _UP	Min	0.0000	-1981.4251	28-1	0.44607
28	0.89214	SLU_SISMA _UP	Min	0.0000	-1395.1866	28-1	0.89214
29	0.00000	SLE	Max	0.0000	1711.8209	29-1	0.00000
29	0.41276	SLE	Max	0.0000	1571.1937	29-1	0.41276
29	0.82552	SLE	Max	0.0000	1425.4554	29-1	0.82552
29	0.00000	SLE	Min	0.0000	0.0000	29-1	0.00000
29	0.41276	SLE	Min	0.0000	0.0000	29-1	0.41276
29	0.82552	SLE	Min	0.0000	0.0000	29-1	0.82552
29	0.00000	SLE_SISMA _DOWN	Max	0.0000	1714.4471	29-1	0.00000
29	0.41276	SLE_SISMA _DOWN	Max	0.0000	1534.1704	29-1	0.41276
29	0.82552	SLE_SISMA _DOWN	Max	0.0000	1348.6191	29-1	0.82552
29	0.00000	SLE_SISMA _DOWN	Min	0.0000	0.0000	29-1	0.00000
29	0.41276	SLE_SISMA _DOWN	Min	0.0000	0.0000	29-1	0.41276
29	0.82552	SLE_SISMA _DOWN	Min	0.0000	0.0000	29-1	0.82552
29	0.00000	SLE_SISMA _UP	Max	0.0000	1572.1544	29-1	0.00000
29	0.41276	SLE_SISMA _UP	Max	0.0000	1402.1661	29-1	0.41276
29	0.82552	SLE_SISMA _UP	Max	0.0000	1227.3529	29-1	0.82552
29	0.00000	SLE_SISMA _UP	Min	0.0000	0.0000	29-1	0.00000
29	0.41276	SLE_SISMA _UP	Min	0.0000	0.0000	29-1	0.41276
29	0.82552	SLE_SISMA _UP	Min	0.0000	0.0000	29-1	0.82552
29	0.00000	SLU_SISMA _DOWN	Max	0.0000	1693.9941	29-1	0.00000
29	0.41276	SLU_SISMA _DOWN	Max	0.0000	1460.5846	29-1	0.41276
29	0.82552	SLU_SISMA _DOWN	Max	0.0000	1221.6552	29-1	0.82552
29	0.00000	SLU_SISMA _DOWN	Min	0.0000	0.0000	29-1	0.00000
29	0.41276	SLU_SISMA _DOWN	Min	0.0000	0.0000	29-1	0.41276
29	0.82552	SLU_SISMA _DOWN	Min	0.0000	0.0000	29-1	0.82552
29	0.00000	SLU_SISMA _UP	Max	0.0000	1395.1866	29-1	0.00000
29	0.41276	SLU_SISMA _UP	Max	0.0000	1185.9071	29-1	0.41276
29	0.82552	SLU_SISMA _UP	Max	0.0000	971.9254	29-1	0.82552
29	0.00000	SLU_SISMA _UP	Min	0.0000	0.0000	29-1	0.00000
29	0.41276	SLU_SISMA _UP	Min	0.0000	0.0000	29-1	0.41276
29	0.82552	SLU_SISMA _UP	Min	0.0000	0.0000	29-1	0.82552
30	0.00000	SLE	Max	0.0000	1425.4554	30-1	0.00000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
30	0.41276	SLE	Max	0.0000	1369.2412	30-1	0.41276
30	0.82552	SLE	Max	0.0000	1307.9159	30-1	0.82552
30	0.00000	SLE	Min	0.0000	0.0000	30-1	0.00000
30	0.41276	SLE	Min	0.0000	0.0000	30-1	0.41276
30	0.82552	SLE	Min	0.0000	0.0000	30-1	0.82552
30	0.00000	SLE_SISMA _DOWN	Max	0.0000	1348.6191	30-1	0.00000
30	0.41276	SLE_SISMA _DOWN	Max	0.0000	1260.4443	30-1	0.41276
30	0.82552	SLE_SISMA _DOWN	Max	0.0000	1166.9949	30-1	0.82552
30	0.00000	SLE_SISMA _DOWN	Min	0.0000	0.0000	30-1	0.00000
30	0.41276	SLE_SISMA _DOWN	Min	0.0000	0.0000	30-1	0.41276
30	0.82552	SLE_SISMA _DOWN	Min	0.0000	0.0000	30-1	0.82552
30	0.00000	SLE_SISMA _UP	Max	0.0000	1227.3529	30-1	0.00000
30	0.41276	SLE_SISMA _UP	Max	0.0000	1143.0570	30-1	0.41276
30	0.82552	SLE_SISMA _UP	Max	0.0000	1053.9363	30-1	0.82552
30	0.00000	SLE_SISMA _UP	Min	0.0000	0.0000	30-1	0.00000
30	0.41276	SLE_SISMA _UP	Min	0.0000	0.0000	30-1	0.41276
30	0.82552	SLE_SISMA _UP	Min	0.0000	0.0000	30-1	0.82552
30	0.00000	SLU_SISMA _DOWN	Max	0.0000	1221.6552	30-1	0.00000
30	0.41276	SLU_SISMA _DOWN	Max	0.0000	1091.3629	30-1	0.41276
30	0.82552	SLU_SISMA _DOWN	Max	0.0000	955.5507	30-1	0.82552
30	0.00000	SLU_SISMA _DOWN	Min	0.0000	0.0000	30-1	0.00000
30	0.41276	SLU_SISMA _DOWN	Min	0.0000	0.0000	30-1	0.41276
30	0.82552	SLU_SISMA _DOWN	Min	0.0000	0.0000	30-1	0.82552
30	0.00000	SLU_SISMA _UP	Max	0.0000	971.9254	30-1	0.00000
30	0.41276	SLU_SISMA _UP	Max	0.0000	852.1587	30-1	0.41276
30	0.82552	SLU_SISMA _UP	Max	0.0000	727.6899	30-1	0.82552
30	0.00000	SLU_SISMA _UP	Min	0.0000	0.0000	30-1	0.00000
30	0.41276	SLU_SISMA _UP	Min	0.0000	0.0000	30-1	0.41276
30	0.82552	SLU_SISMA _UP	Min	0.0000	0.0000	30-1	0.82552
31	0.00000	SLE	Max	0.0000	1307.9159	31-1	0.00000
31	0.51989	SLE	Max	0.0000	846.3963	31-1	0.51989
31	1.03978	SLE	Max	0.0000	377.3917	31-1	1.03978
31	0.00000	SLE	Min	0.0000	0.0000	31-1	0.00000
31	0.51989	SLE	Min	0.0000	0.0000	31-1	0.51989
31	1.03978	SLE	Min	0.0000	0.0000	31-1	1.03978
31	0.00000	SLE_SISMA _DOWN	Max	0.0000	1166.9949	31-1	0.00000
31	0.51989	SLE_SISMA _DOWN	Max	0.0000	687.1604	31-1	0.51989

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
31	1.03978	SLE_SISMA _DOWN	Max	0.0000	199.6015	31-1	1.03978
31	0.00000	SLE_SISMA _DOWN	Min	0.0000	0.0000	31-1	0.00000
31	0.51989	SLE_SISMA _DOWN	Min	0.0000	0.0000	31-1	0.51989
31	1.03978	SLE_SISMA _DOWN	Min	0.0000	0.0000	31-1	1.03978
31	0.00000	SLE_SISMA _UP	Max	0.0000	1053.9363	31-1	0.00000
31	0.51989	SLE_SISMA _UP	Max	0.0000	615.6138	31-1	0.51989
31	1.03978	SLE_SISMA _UP	Max	0.0000	170.2254	31-1	1.03978
31	0.00000	SLE_SISMA _UP	Min	0.0000	0.0000	31-1	0.00000
31	0.51989	SLE_SISMA _UP	Min	0.0000	0.0000	31-1	0.51989
31	1.03978	SLE_SISMA _UP	Min	0.0000	0.0000	31-1	1.03978
31	0.00000	SLU_SISMA _DOWN	Max	0.0000	955.5507	31-1	0.00000
31	0.51989	SLU_SISMA _DOWN	Max	0.0000	469.7174	31-1	0.51989
31	1.03978	SLU_SISMA _DOWN	Max	0.0000	0.0000	31-1	1.03978
31	0.00000	SLU_SISMA _DOWN	Min	0.0000	0.0000	31-1	0.00000
31	0.51989	SLU_SISMA _DOWN	Min	0.0000	0.0000	31-1	0.51989
31	1.03978	SLU_SISMA _DOWN	Min	0.0000	-24.1997	31-1	1.03978
31	0.00000	SLU_SISMA _UP	Max	0.0000	727.6899	31-1	0.00000
31	0.51989	SLU_SISMA _UP	Max	0.0000	330.7814	31-1	0.51989
31	1.03978	SLU_SISMA _UP	Max	0.0000	0.0000	31-1	1.03978
31	0.00000	SLU_SISMA _UP	Min	0.0000	0.0000	31-1	0.00000
31	0.51989	SLU_SISMA _UP	Min	0.0000	0.0000	31-1	0.51989
31	1.03978	SLU_SISMA _UP	Min	0.0000	-73.0133	31-1	1.03978
32	0.00000	SLE	Max	0.0000	377.3917	32-1	0.00000
32	0.51989	SLE	Max	0.0000	0.0000	32-1	0.51989
32	1.03978	SLE	Max	0.0000	0.0000	32-1	1.03978
32	0.00000	SLE	Min	0.0000	0.0000	32-1	0.00000
32	0.51989	SLE	Min	0.0000	-1.4299	32-1	0.51989
32	1.03978	SLE	Min	0.0000	-387.9408	32-1	1.03978
32	0.00000	SLE_SISMA _DOWN	Max	0.0000	199.6015	32-1	0.00000
32	0.51989	SLE_SISMA _DOWN	Max	0.0000	0.0000	32-1	0.51989
32	1.03978	SLE_SISMA _DOWN	Max	0.0000	0.0000	32-1	1.03978
32	0.00000	SLE_SISMA _DOWN	Min	0.0000	0.0000	32-1	0.00000
32	0.51989	SLE_SISMA _DOWN	Min	0.0000	-182.7568	32-1	0.51989
32	1.03978	SLE_SISMA _DOWN	Min	0.0000	-573.0504	32-1	1.03978
32	0.00000	SLE_SISMA _UP	Max	0.0000	170.2254	32-1	0.00000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
32	0.51989	SLE_SISMA_UP	Max	0.0000	0.0000	32-1	0.51989
32	1.03978	SLE_SISMA_UP	Max	0.0000	0.0000	32-1	1.03978
32	0.00000	SLE_SISMA_UP	Min	0.0000	0.0000	32-1	0.00000
32	0.51989	SLE_SISMA_UP	Min	0.0000	-178.1317	32-1	0.51989
32	1.03978	SLE_SISMA_UP	Min	0.0000	-533.7475	32-1	1.03978
32	0.00000	SLU_SISMA_DOWN	Max	0.0000	0.0000	32-1	0.00000
32	0.51989	SLU_SISMA_DOWN	Max	0.0000	0.0000	32-1	0.51989
32	1.03978	SLU_SISMA_DOWN	Max	0.0000	0.0000	32-1	1.03978
32	0.00000	SLU_SISMA_DOWN	Min	0.0000	-24.1997	32-1	0.00000
32	0.51989	SLU_SISMA_DOWN	Min	0.0000	-396.3965	32-1	0.51989
32	1.03978	SLU_SISMA_DOWN	Min	0.0000	-776.8977	32-1	1.03978
32	0.00000	SLU_SISMA_UP	Max	0.0000	0.0000	32-1	0.00000
32	0.51989	SLU_SISMA_UP	Max	0.0000	0.0000	32-1	0.51989
32	1.03978	SLU_SISMA_UP	Max	0.0000	0.0000	32-1	1.03978
32	0.00000	SLU_SISMA_UP	Min	0.0000	-73.0133	32-1	0.00000
32	0.51989	SLU_SISMA_UP	Min	0.0000	-372.9423	32-1	0.51989
32	1.03978	SLU_SISMA_UP	Min	0.0000	-679.9454	32-1	1.03978
33	0.00000	SLE	Max	0.0000	0.0000	33-1	0.00000
33	0.51989	SLE	Max	0.0000	0.0000	33-1	0.51989
33	1.03978	SLE	Max	0.0000	0.0000	33-1	1.03978
33	0.00000	SLE	Min	0.0000	-387.9408	33-1	0.00000
33	0.51989	SLE	Min	0.0000	-682.5070	33-1	0.51989
33	1.03978	SLE	Min	0.0000	-984.9273	33-1	1.03978
33	0.00000	SLE_SISMA_DOWN	Max	0.0000	0.0000	33-1	0.00000
33	0.51989	SLE_SISMA_DOWN	Max	0.0000	0.0000	33-1	0.51989
33	1.03978	SLE_SISMA_DOWN	Max	0.0000	0.0000	33-1	1.03978
33	0.00000	SLE_SISMA_DOWN	Min	0.0000	-573.0504	33-1	0.00000
33	0.51989	SLE_SISMA_DOWN	Min	0.0000	-859.0144	33-1	0.51989
33	1.03978	SLE_SISMA_DOWN	Min	0.0000	-1153.0838	33-1	1.03978
33	0.00000	SLE_SISMA_UP	Max	0.0000	0.0000	33-1	0.00000
33	0.51989	SLE_SISMA_UP	Max	0.0000	0.0000	33-1	0.51989
33	1.03978	SLE_SISMA_UP	Max	0.0000	0.0000	33-1	1.03978
33	0.00000	SLE_SISMA_UP	Min	0.0000	-533.7475	33-1	0.00000
33	0.51989	SLE_SISMA_UP	Min	0.0000	-793.3128	33-1	0.51989
33	1.03978	SLE_SISMA_UP	Min	0.0000	-1060.2923	33-1	1.03978

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
33	0.00000	SLU_SISMA _DOWN	Max	0.0000	0.0000	33-1	0.00000
33	0.51989	SLU_SISMA _DOWN	Max	0.0000	0.0000	33-1	0.51989
33	1.03978	SLU_SISMA _DOWN	Max	0.0000	0.0000	33-1	1.03978
33	0.00000	SLU_SISMA _DOWN	Min	0.0000	-776.8977	33-1	0.00000
33	0.51989	SLU_SISMA _DOWN	Min	0.0000	-1040.0144	33-1	0.51989
33	1.03978	SLU_SISMA _DOWN	Min	0.0000	-1311.6135	33-1	1.03978
33	0.00000	SLU_SISMA _UP	Max	0.0000	0.0000	33-1	0.00000
33	0.51989	SLU_SISMA _UP	Max	0.0000	0.0000	33-1	0.51989
33	1.03978	SLU_SISMA _UP	Max	0.0000	0.0000	33-1	1.03978
33	0.00000	SLU_SISMA _UP	Min	0.0000	-679.9454	33-1	0.00000
33	0.51989	SLU_SISMA _UP	Min	0.0000	-887.5252	33-1	0.51989
33	1.03978	SLU_SISMA _UP	Min	0.0000	-1102.3308	33-1	1.03978
34	0.00000	SLE	Max	0.0000	0.0000	34-1	0.00000
34	0.51989	SLE	Max	0.0000	0.0000	34-1	0.51989
34	1.03978	SLE	Max	0.0000	0.0000	34-1	1.03978
34	0.00000	SLE	Min	0.0000	-984.9273	34-1	0.00000
34	0.51989	SLE	Min	0.0000	-1194.4519	34-1	0.51989
34	1.03978	SLE	Min	0.0000	-1411.9548	34-1	1.03978
34	0.00000	SLE_SISMA _DOWN	Max	0.0000	0.0000	34-1	0.00000
34	0.51989	SLE_SISMA _DOWN	Max	0.0000	0.0000	34-1	0.51989
34	1.03978	SLE_SISMA _DOWN	Max	0.0000	0.0000	34-1	1.03978
34	0.00000	SLE_SISMA _DOWN	Min	0.0000	-1153.0838	34-1	0.00000
34	0.51989	SLE_SISMA _DOWN	Min	0.0000	-1344.5423	34-1	0.51989
34	1.03978	SLE_SISMA _DOWN	Min	0.0000	-1544.2344	34-1	1.03978
34	0.00000	SLE_SISMA _UP	Max	0.0000	0.0000	34-1	0.00000
34	0.51989	SLE_SISMA _UP	Max	0.0000	0.0000	34-1	0.51989
34	1.03978	SLE_SISMA _UP	Max	0.0000	0.0000	34-1	1.03978
34	0.00000	SLE_SISMA _UP	Min	0.0000	-1060.2923	34-1	0.00000
34	0.51989	SLE_SISMA _UP	Min	0.0000	-1232.9889	34-1	0.51989
34	1.03978	SLE_SISMA _UP	Min	0.0000	-1413.2171	34-1	1.03978
34	0.00000	SLU_SISMA _DOWN	Max	0.0000	0.0000	34-1	0.00000
34	0.51989	SLU_SISMA _DOWN	Max	0.0000	0.0000	34-1	0.51989
34	1.03978	SLU_SISMA _DOWN	Max	0.0000	0.0000	34-1	1.03978
34	0.00000	SLU_SISMA _DOWN	Min	0.0000	-1311.6135	34-1	0.00000
34	0.51989	SLU_SISMA _DOWN	Min	0.0000	-1471.0738	34-1	0.51989

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
34	1.03978	SLU_SISMA_DOWN	Min	0.0000	-1639.1508	34-1	1.03978
34	0.00000	SLU_SISMA_UP	Max	0.0000	0.0000	34-1	0.00000
34	0.51989	SLU_SISMA_UP	Max	0.0000	0.0000	34-1	0.51989
34	1.03978	SLU_SISMA_UP	Max	0.0000	0.0000	34-1	1.03978
34	0.00000	SLU_SISMA_UP	Min	0.0000	-1102.3308	34-1	0.00000
34	0.51989	SLU_SISMA_UP	Min	0.0000	-1222.9372	34-1	0.51989
34	1.03978	SLU_SISMA_UP	Min	0.0000	-1350.8836	34-1	1.03978
35	0.00000	SLE	Max	0.0000	0.0000	35-1	0.00000
35	0.51989	SLE	Max	0.0000	0.0000	35-1	0.51989
35	1.03978	SLE	Max	0.0000	0.0000	35-1	1.03978
35	0.00000	SLE	Min	0.0000	-1411.9548	35-1	0.00000
35	0.51989	SLE	Min	0.0000	-1536.1090	35-1	0.51989
35	1.03978	SLE	Min	0.0000	-1668.3248	35-1	1.03978
35	0.00000	SLE_SISMA_DOWN	Max	0.0000	0.0000	35-1	0.00000
35	0.51989	SLE_SISMA_DOWN	Max	0.0000	0.0000	35-1	0.51989
35	1.03978	SLE_SISMA_DOWN	Max	0.0000	0.0000	35-1	1.03978
35	0.00000	SLE_SISMA_DOWN	Min	0.0000	-1544.2344	35-1	0.00000
35	0.51989	SLE_SISMA_DOWN	Min	0.0000	-1643.5511	35-1	0.51989
35	1.03978	SLE_SISMA_DOWN	Min	0.0000	-1751.1874	35-1	1.03978
35	0.00000	SLE_SISMA_UP	Max	0.0000	0.0000	35-1	0.00000
35	0.51989	SLE_SISMA_UP	Max	0.0000	0.0000	35-1	0.51989
35	1.03978	SLE_SISMA_UP	Max	0.0000	0.0000	35-1	1.03978
35	0.00000	SLE_SISMA_UP	Min	0.0000	-1413.2171	35-1	0.00000
35	0.51989	SLE_SISMA_UP	Min	0.0000	-1501.4146	35-1	0.51989
35	1.03978	SLE_SISMA_UP	Min	0.0000	-1597.2222	35-1	1.03978
35	0.00000	SLU_SISMA_DOWN	Max	0.0000	0.0000	35-1	0.00000
35	0.51989	SLU_SISMA_DOWN	Max	0.0000	0.0000	35-1	0.51989
35	1.03978	SLU_SISMA_DOWN	Max	0.0000	0.0000	35-1	1.03978
35	0.00000	SLU_SISMA_DOWN	Min	0.0000	-1639.1508	35-1	0.00000
35	0.51989	SLU_SISMA_DOWN	Min	0.0000	-1700.9028	35-1	0.51989
35	1.03978	SLU_SISMA_DOWN	Min	0.0000	-1771.3613	35-1	1.03978
35	0.00000	SLU_SISMA_UP	Max	0.0000	0.0000	35-1	0.00000
35	0.51989	SLU_SISMA_UP	Max	0.0000	0.0000	35-1	0.51989
35	1.03978	SLU_SISMA_UP	Max	0.0000	0.0000	35-1	1.03978
35	0.00000	SLU_SISMA_UP	Min	0.0000	-1350.8836	35-1	0.00000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
35	0.51989	SLU_SISMA _UP	Min	0.0000	-1390.3554	35-1	0.51989
35	1.03978	SLU_SISMA _UP	Min	0.0000	-1437.2438	35-1	1.03978
36	0.00000	SLE	Max	0.0000	0.0000	36-1	0.00000
36	0.51984	SLE	Max	0.0000	0.0000	36-1	0.51984
36	1.03967	SLE	Max	0.0000	0.0000	36-1	1.03967
36	0.00000	SLE	Min	0.0000	-1668.3248	36-1	0.00000
36	0.51984	SLE	Min	0.0000	-1707.0119	36-1	0.51984
36	1.03967	SLE	Min	0.0000	-1753.8007	36-1	1.03967
36	0.00000	SLE_SISMA _DOWN	Max	0.0000	0.0000	36-1	0.00000
36	0.51984	SLE_SISMA _DOWN	Max	0.0000	0.0000	36-1	0.51984
36	1.03967	SLE_SISMA _DOWN	Max	0.0000	0.0000	36-1	1.03967
36	0.00000	SLE_SISMA _DOWN	Min	0.0000	-1751.1874	36-1	0.00000
36	0.51984	SLE_SISMA _DOWN	Min	0.0000	-1760.9711	36-1	0.51984
36	1.03967	SLE_SISMA _DOWN	Min	0.0000	-1779.1157	36-1	1.03967
36	0.00000	SLE_SISMA _UP	Max	0.0000	0.0000	36-1	0.00000
36	0.51984	SLE_SISMA _UP	Max	0.0000	0.0000	36-1	0.51984
36	1.03967	SLE_SISMA _UP	Max	0.0000	0.0000	36-1	1.03967
36	0.00000	SLE_SISMA _UP	Min	0.0000	-1597.2222	36-1	0.00000
36	0.51984	SLE_SISMA _UP	Min	0.0000	-1603.5267	36-1	0.51984
36	1.03967	SLE_SISMA _UP	Min	0.0000	-1617.4791	36-1	1.03967
36	0.00000	SLU_SISMA _DOWN	Max	0.0000	0.0000	36-1	0.00000
36	0.51984	SLU_SISMA _DOWN	Max	0.0000	0.0000	36-1	0.51984
36	1.03967	SLU_SISMA _DOWN	Max	0.0000	0.0000	36-1	1.03967
36	0.00000	SLU_SISMA _DOWN	Min	0.0000	-1771.3613	36-1	0.00000
36	0.51984	SLU_SISMA _DOWN	Min	0.0000	-1741.6490	36-1	0.51984
36	1.03967	SLU_SISMA _DOWN	Min	0.0000	-1720.6864	36-1	1.03967
36	0.00000	SLU_SISMA _UP	Max	0.0000	0.0000	36-1	0.00000
36	0.51984	SLU_SISMA _UP	Max	0.0000	0.0000	36-1	0.51984
36	1.03967	SLU_SISMA _UP	Max	0.0000	0.0000	36-1	1.03967
36	0.00000	SLU_SISMA _UP	Min	0.0000	-1437.2438	36-1	0.00000
36	0.51984	SLU_SISMA _UP	Min	0.0000	-1401.6981	36-1	0.51984
36	1.03967	SLU_SISMA _UP	Min	0.0000	-1373.6059	36-1	1.03967
37	0.00000	SLE	Max	0.0000	0.0000	37-1	0.00000
37	0.51994	SLE	Max	0.0000	0.0000	37-1	0.51994
37	1.03988	SLE	Max	0.0000	0.0000	37-1	1.03988
37	0.00000	SLE	Min	0.0000	-1753.8007	37-1	0.00000
37	0.51994	SLE	Min	0.0000	-1707.0148	37-1	0.51994
37	1.03988	SLE	Min	0.0000	-1668.3339	37-1	1.03988

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
37	0.00000	SLE_SISMA_DOWN	Max	0.0000	0.0000	37-1	0.00000
37	0.51994	SLE_SISMA_DOWN	Max	0.0000	0.0000	37-1	0.51994
37	1.03988	SLE_SISMA_DOWN	Max	0.0000	0.0000	37-1	1.03988
37	0.00000	SLE_SISMA_DOWN	Min	0.0000	-1779.1157	37-1	0.00000
37	0.51994	SLE_SISMA_DOWN	Min	0.0000	-1702.0624	37-1	0.51994
37	1.03988	SLE_SISMA_DOWN	Min	0.0000	-1633.3734	37-1	1.03988
37	0.00000	SLE_SISMA_UP	Max	0.0000	0.0000	37-1	0.00000
37	0.51994	SLE_SISMA_UP	Max	0.0000	0.0000	37-1	0.51994
37	1.03988	SLE_SISMA_UP	Max	0.0000	0.0000	37-1	1.03988
37	0.00000	SLE_SISMA_UP	Min	0.0000	-1617.4791	37-1	0.00000
37	0.51994	SLE_SISMA_UP	Min	0.0000	-1544.5884	37-1	0.51994
37	1.03988	SLE_SISMA_UP	Min	0.0000	-1479.3488	37-1	1.03988
37	0.00000	SLU_SISMA_DOWN	Max	0.0000	0.0000	37-1	0.00000
37	0.51994	SLU_SISMA_DOWN	Max	0.0000	0.0000	37-1	0.51994
37	1.03988	SLU_SISMA_DOWN	Max	0.0000	0.0000	37-1	1.03988
37	0.00000	SLU_SISMA_DOWN	Min	0.0000	-1720.6864	37-1	0.00000
37	0.51994	SLU_SISMA_DOWN	Min	0.0000	-1605.8753	37-1	0.51994
37	1.03988	SLU_SISMA_DOWN	Min	0.0000	-1499.8176	37-1	1.03988
37	0.00000	SLU_SISMA_UP	Max	0.0000	0.0000	37-1	0.00000
37	0.51994	SLU_SISMA_UP	Max	0.0000	0.0000	37-1	0.51994
37	1.03988	SLU_SISMA_UP	Max	0.0000	0.0000	37-1	1.03988
37	0.00000	SLU_SISMA_UP	Min	0.0000	-1373.6059	37-1	0.00000
37	0.51994	SLU_SISMA_UP	Min	0.0000	-1269.2911	37-1	0.51994
37	1.03988	SLU_SISMA_UP	Min	0.0000	-1172.4330	37-1	1.03988
38	0.00000	SLE	Max	0.0000	0.0000	38-1	0.00000
38	0.51989	SLE	Max	0.0000	0.0000	38-1	0.51989
38	1.03978	SLE	Max	0.0000	0.0000	38-1	1.03978
38	0.00000	SLE	Min	0.0000	-1668.3339	38-1	0.00000
38	0.51989	SLE	Min	0.0000	-1536.1224	38-1	0.51989
38	1.03978	SLE	Min	0.0000	-1411.9724	38-1	1.03978
38	0.00000	SLE_SISMA_DOWN	Max	0.0000	0.0000	38-1	0.00000
38	0.51989	SLE_SISMA_DOWN	Max	0.0000	0.0000	38-1	0.51989
38	1.03978	SLE_SISMA_DOWN	Max	0.0000	0.0000	38-1	1.03978
38	0.00000	SLE_SISMA_DOWN	Min	0.0000	-1633.3734	38-1	0.00000
38	0.51989	SLE_SISMA_DOWN	Min	0.0000	-1472.2631	38-1	0.51989

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
38	1.03978	SLE_SISMA_DOWN	Min	0.0000	-1319.4725	38-1	1.03978
38	0.00000	SLE_SISMA_UP	Max	0.0000	0.0000	38-1	0.00000
38	0.51989	SLE_SISMA_UP	Max	0.0000	0.0000	38-1	0.51989
38	1.03978	SLE_SISMA_UP	Max	0.0000	0.0000	38-1	1.03978
38	0.00000	SLE_SISMA_UP	Min	0.0000	-1479.3488	38-1	0.00000
38	0.51989	SLE_SISMA_UP	Min	0.0000	-1330.0528	38-1	0.51989
38	1.03978	SLE_SISMA_UP	Min	0.0000	-1188.3670	38-1	1.03978
38	0.00000	SLU_SISMA_DOWN	Max	0.0000	0.0000	38-1	0.00000
38	0.51989	SLU_SISMA_DOWN	Max	0.0000	0.0000	38-1	0.51989
38	1.03978	SLU_SISMA_DOWN	Max	0.0000	0.0000	38-1	1.03978
38	0.00000	SLU_SISMA_DOWN	Min	0.0000	-1499.8176	38-1	0.00000
38	0.51989	SLU_SISMA_DOWN	Min	0.0000	-1306.4373	38-1	0.51989
38	1.03978	SLU_SISMA_DOWN	Min	0.0000	-1121.7636	38-1	1.03978
38	0.00000	SLU_SISMA_UP	Max	0.0000	0.0000	38-1	0.00000
38	0.51989	SLU_SISMA_UP	Max	0.0000	0.0000	38-1	0.51989
38	1.03978	SLU_SISMA_UP	Max	0.0000	0.0000	38-1	1.03978
38	0.00000	SLU_SISMA_UP	Min	0.0000	-1172.4330	38-1	0.00000
38	0.51989	SLU_SISMA_UP	Min	0.0000	-1005.7765	38-1	0.51989
38	1.03978	SLU_SISMA_UP	Min	0.0000	-846.5367	38-1	1.03978
39	0.00000	SLE	Max	0.0000	0.0000	39-1	0.00000
39	0.51989	SLE	Max	0.0000	0.0000	39-1	0.51989
39	1.03978	SLE	Max	0.0000	0.0000	39-1	1.03978
39	0.00000	SLE	Min	0.0000	-1411.9724	39-1	0.00000
39	0.51989	SLE	Min	0.0000	-1194.4733	39-1	0.51989
39	1.03978	SLE	Min	0.0000	-984.9526	39-1	1.03978
39	0.00000	SLE_SISMA_DOWN	Max	0.0000	0.0000	39-1	0.00000
39	0.51989	SLE_SISMA_DOWN	Max	0.0000	0.0000	39-1	0.51989
39	1.03978	SLE_SISMA_DOWN	Max	0.0000	0.0000	39-1	1.03978
39	0.00000	SLE_SISMA_DOWN	Min	0.0000	-1319.4725	39-1	0.00000
39	0.51989	SLE_SISMA_DOWN	Min	0.0000	-1077.1811	39-1	0.51989
39	1.03978	SLE_SISMA_DOWN	Min	0.0000	-843.1235	39-1	1.03978
39	0.00000	SLE_SISMA_UP	Max	0.0000	0.0000	39-1	0.00000
39	0.51989	SLE_SISMA_UP	Max	0.0000	0.0000	39-1	0.51989
39	1.03978	SLE_SISMA_UP	Max	0.0000	0.0000	39-1	1.03978
39	0.00000	SLE_SISMA_UP	Min	0.0000	-1188.3670	39-1	0.00000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
39	0.51989	SLE_SISMA_UP	Min	0.0000	-965.5555	39-1	0.51989
39	1.03978	SLE_SISMA_UP	Min	0.0000	-750.2757	39-1	1.03978
39	0.00000	SLU_SISMA_DOWN	Max	0.0000	0.0000	39-1	0.00000
39	0.51989	SLU_SISMA_DOWN	Max	0.0000	0.0000	39-1	0.51989
39	1.03978	SLU_SISMA_DOWN	Max	0.0000	0.0000	39-1	1.03978
39	0.00000	SLU_SISMA_DOWN	Min	0.0000	-1121.7636	39-1	0.00000
39	0.51989	SLU_SISMA_DOWN	Min	0.0000	-856.4812	39-1	0.51989
39	1.03978	SLU_SISMA_DOWN	Min	0.0000	-599.8155	39-1	1.03978
39	0.00000	SLU_SISMA_UP	Max	0.0000	0.0000	39-1	0.00000
39	0.51989	SLU_SISMA_UP	Max	0.0000	0.0000	39-1	0.51989
39	1.03978	SLU_SISMA_UP	Max	0.0000	0.0000	39-1	1.03978
39	0.00000	SLU_SISMA_UP	Min	0.0000	-846.5367	39-1	0.00000
39	0.51989	SLU_SISMA_UP	Min	0.0000	-624.1115	39-1	0.51989
39	1.03978	SLU_SISMA_UP	Min	0.0000	-409.0265	39-1	1.03978
40	0.00000	SLE	Max	0.0000	0.0000	40-1	0.00000
40	0.51989	SLE	Max	0.0000	0.0000	40-1	0.51989
40	1.03978	SLE	Max	0.0000	0.0000	40-1	1.03978
40	0.00000	SLE	Min	0.0000	-984.9526	40-1	0.00000
40	0.51989	SLE	Min	0.0000	-682.5354	40-1	0.51989
40	1.03978	SLE	Min	0.0000	-387.9723	40-1	1.03978
40	0.00000	SLE_SISMA_DOWN	Max	0.0000	0.0000	40-1	0.00000
40	0.51989	SLE_SISMA_DOWN	Max	0.0000	0.0000	40-1	0.51989
40	1.03978	SLE_SISMA_DOWN	Max	0.0000	0.0000	40-1	1.03978
40	0.00000	SLE_SISMA_DOWN	Min	0.0000	-843.1235	40-1	0.00000
40	0.51989	SLE_SISMA_DOWN	Min	0.0000	-522.7819	40-1	0.51989
40	1.03978	SLE_SISMA_DOWN	Min	0.0000	-210.5457	40-1	1.03978
40	0.00000	SLE_SISMA_UP	Max	0.0000	0.0000	40-1	0.00000
40	0.51989	SLE_SISMA_UP	Max	0.0000	0.0000	40-1	0.51989
40	1.03978	SLE_SISMA_UP	Max	0.0000	0.0000	40-1	1.03978
40	0.00000	SLE_SISMA_UP	Min	0.0000	-750.2757	40-1	0.00000
40	0.51989	SLE_SISMA_UP	Min	0.0000	-457.0851	40-1	0.51989
40	1.03978	SLE_SISMA_UP	Min	0.0000	-171.3087	40-1	1.03978
40	0.00000	SLU_SISMA_DOWN	Max	0.0000	0.0000	40-1	0.00000
40	0.51989	SLU_SISMA_DOWN	Max	0.0000	0.0000	40-1	0.51989
40	1.03978	SLU_SISMA_DOWN	Max	0.0000	52.1105	40-1	1.03978

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem	ElemStation m
40	0.00000	SLU_SISMA _DOWN	Min	0.0000	-599.8155	40-1	0.00000
40	0.51989	SLU_SISMA _DOWN	Min	0.0000	-269.6113	40-1	0.51989
40	1.03978	SLU_SISMA _DOWN	Min	0.0000	0.0000	40-1	1.03978
40	0.00000	SLU_SISMA _UP	Max	0.0000	0.0000	40-1	0.00000
40	0.51989	SLU_SISMA _UP	Max	0.0000	0.0000	40-1	0.51989
40	1.03978	SLU_SISMA _UP	Max	0.0000	126.4035	40-1	1.03978
40	0.00000	SLU_SISMA _UP	Min	0.0000	-409.0265	40-1	0.00000
40	0.51989	SLU_SISMA _UP	Min	0.0000	-137.6986	40-1	0.51989
40	1.03978	SLU_SISMA _UP	Min	0.0000	0.0000	40-1	1.03978
41	0.00000	SLE	Max	0.0000	0.0000	41-1	0.00000
41	0.51989	SLE	Max	0.0000	0.0000	41-1	0.51989
41	1.03978	SLE	Max	0.0000	377.3559	41-1	1.03978
41	0.00000	SLE	Min	0.0000	-387.9723	41-1	0.00000
41	0.51989	SLE	Min	0.0000	-1.4635	41-1	0.51989
41	1.03978	SLE	Min	0.0000	0.0000	41-1	1.03978
41	0.00000	SLE_SISMA _DOWN	Max	0.0000	0.0000	41-1	0.00000
41	0.51989	SLE_SISMA _DOWN	Max	0.0000	184.2394	41-1	0.51989
41	1.03978	SLE_SISMA _DOWN	Max	0.0000	571.0891	41-1	1.03978
41	0.00000	SLE_SISMA _DOWN	Min	0.0000	-210.5457	41-1	0.00000
41	0.51989	SLE_SISMA _DOWN	Min	0.0000	0.0000	41-1	0.51989
41	1.03978	SLE_SISMA _DOWN	Min	0.0000	0.0000	41-1	1.03978
41	0.00000	SLE_SISMA _UP	Max	0.0000	0.0000	41-1	0.00000
41	0.51989	SLE_SISMA _UP	Max	0.0000	188.6778	41-1	0.51989
41	1.03978	SLE_SISMA _UP	Max	0.0000	541.4056	41-1	1.03978
41	0.00000	SLE_SISMA _UP	Min	0.0000	-171.3087	41-1	0.00000
41	0.51989	SLE_SISMA _UP	Min	0.0000	0.0000	41-1	0.51989
41	1.03978	SLE_SISMA _UP	Min	0.0000	0.0000	41-1	1.03978
41	0.00000	SLU_SISMA _DOWN	Max	0.0000	52.1105	41-1	0.00000
41	0.51989	SLU_SISMA _DOWN	Max	0.0000	439.7405	41-1	0.51989
41	1.03978	SLU_SISMA _DOWN	Max	0.0000	819.0660	41-1	1.03978
41	0.00000	SLU_SISMA _DOWN	Min	0.0000	0.0000	41-1	0.00000
41	0.51989	SLU_SISMA _DOWN	Min	0.0000	0.0000	41-1	0.51989
41	1.03978	SLU_SISMA _DOWN	Min	0.0000	0.0000	41-1	1.03978
41	0.00000	SLU_SISMA _UP	Max	0.0000	126.4035	41-1	0.00000
41	0.51989	SLU_SISMA _UP	Max	0.0000	439.3169	41-1	0.51989

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
41	1.03978	SLU_SISMA _UP	Max	0.0000	745.1561	41-1	1.03978
41	0.00000	SLU_SISMA _UP	Min	0.0000	0.0000	41-1	0.00000
41	0.51989	SLU_SISMA _UP	Min	0.0000	0.0000	41-1	0.51989
41	1.03978	SLU_SISMA _UP	Min	0.0000	0.0000	41-1	1.03978
42	0.00000	SLE	Max	0.0000	377.3559	42-1	0.00000
42	0.51989	SLE	Max	0.0000	846.3595	42-1	0.51989
42	1.03978	SLE	Max	0.0000	1307.8781	42-1	1.03978
42	0.00000	SLE	Min	0.0000	0.0000	42-1	0.00000
42	0.51989	SLE	Min	0.0000	0.0000	42-1	0.51989
42	1.03978	SLE	Min	0.0000	0.0000	42-1	1.03978
42	0.00000	SLE_SISMA _DOWN	Max	0.0000	571.0891	42-1	0.00000
42	0.51989	SLE_SISMA _DOWN	Max	0.0000	1035.9308	42-1	0.51989
42	1.03978	SLE_SISMA _DOWN	Max	0.0000	1493.0479	42-1	1.03978
42	0.00000	SLE_SISMA _DOWN	Min	0.0000	0.0000	42-1	0.00000
42	0.51989	SLE_SISMA _DOWN	Min	0.0000	0.0000	42-1	0.51989
42	1.03978	SLE_SISMA _DOWN	Min	0.0000	0.0000	42-1	1.03978
42	0.00000	SLE_SISMA _UP	Max	0.0000	541.4056	42-1	0.00000
42	0.51989	SLE_SISMA _UP	Max	0.0000	963.8824	42-1	0.51989
42	1.03978	SLE_SISMA _UP	Max	0.0000	1379.2934	42-1	1.03978
42	0.00000	SLE_SISMA _UP	Min	0.0000	0.0000	42-1	0.00000
42	0.51989	SLE_SISMA _UP	Min	0.0000	0.0000	42-1	0.51989
42	1.03978	SLE_SISMA _UP	Min	0.0000	0.0000	42-1	1.03978
42	0.00000	SLU_SISMA _DOWN	Max	0.0000	819.0660	42-1	0.00000
42	0.51989	SLU_SISMA _DOWN	Max	0.0000	1255.8350	42-1	0.51989
42	1.03978	SLU_SISMA _DOWN	Max	0.0000	1684.5202	42-1	1.03978
42	0.00000	SLU_SISMA _DOWN	Min	0.0000	0.0000	42-1	0.00000
42	0.51989	SLU_SISMA _DOWN	Min	0.0000	0.0000	42-1	0.51989
42	1.03978	SLU_SISMA _DOWN	Min	0.0000	0.0000	42-1	1.03978
42	0.00000	SLU_SISMA _UP	Max	0.0000	745.1561	42-1	0.00000
42	0.51989	SLU_SISMA _UP	Max	0.0000	1091.6723	42-1	0.51989
42	1.03978	SLU_SISMA _UP	Max	0.0000	1431.3024	42-1	1.03978
42	0.00000	SLU_SISMA _UP	Min	0.0000	0.0000	42-1	0.00000
42	0.51989	SLU_SISMA _UP	Min	0.0000	0.0000	42-1	0.51989
42	1.03978	SLU_SISMA _UP	Min	0.0000	0.0000	42-1	1.03978
43	0.00000	SLE	Max	0.0000	1307.8781	43-1	0.00000
43	0.41277	SLE	Max	0.0000	1369.2085	43-1	0.41277

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem	ElemStation m
43	0.82553	SLE	Max	0.0000	1425.4276	43-1	0.82553
43	0.00000	SLE	Min	0.0000	0.0000	43-1	0.00000
43	0.41277	SLE	Min	0.0000	0.0000	43-1	0.41277
43	0.82553	SLE	Min	0.0000	0.0000	43-1	0.82553
43	0.00000	SLE_SISMA _DOWN	Max	0.0000	1493.0479	43-1	0.00000
43	0.41277	SLE_SISMA _DOWN	Max	0.0000	1527.5202	43-1	0.41277
43	0.82553	SLE_SISMA _DOWN	Max	0.0000	1556.7176	43-1	0.82553
43	0.00000	SLE_SISMA _DOWN	Min	0.0000	0.0000	43-1	0.00000
43	0.41277	SLE_SISMA _DOWN	Min	0.0000	0.0000	43-1	0.41277
43	0.82553	SLE_SISMA _DOWN	Min	0.0000	0.0000	43-1	0.82553
43	0.00000	SLE_SISMA _UP	Max	0.0000	1379.2934	43-1	0.00000
43	0.41277	SLE_SISMA _UP	Max	0.0000	1409.4406	43-1	0.41277
43	0.82553	SLE_SISMA _UP	Max	0.0000	1434.7628	43-1	0.82553
43	0.00000	SLE_SISMA _UP	Min	0.0000	0.0000	43-1	0.00000
43	0.41277	SLE_SISMA _UP	Min	0.0000	0.0000	43-1	0.41277
43	0.82553	SLE_SISMA _UP	Min	0.0000	0.0000	43-1	0.82553
43	0.00000	SLU_SISMA _DOWN	Max	0.0000	1684.5202	43-1	0.00000
43	0.41277	SLU_SISMA _DOWN	Max	0.0000	1685.2277	43-1	0.41277
43	0.82553	SLU_SISMA _DOWN	Max	0.0000	1680.4150	43-1	0.82553
43	0.00000	SLU_SISMA _DOWN	Min	0.0000	0.0000	43-1	0.00000
43	0.41277	SLU_SISMA _DOWN	Min	0.0000	0.0000	43-1	0.41277
43	0.82553	SLU_SISMA _DOWN	Min	0.0000	0.0000	43-1	0.82553
43	0.00000	SLU_SISMA _UP	Max	0.0000	1431.3024	43-1	0.00000
43	0.41277	SLU_SISMA _UP	Max	0.0000	1424.2693	43-1	0.41277
43	0.82553	SLU_SISMA _UP	Max	0.0000	1412.5339	43-1	0.82553
43	0.00000	SLU_SISMA _UP	Min	0.0000	0.0000	43-1	0.00000
43	0.41277	SLU_SISMA _UP	Min	0.0000	0.0000	43-1	0.41277
43	0.82553	SLU_SISMA _UP	Min	0.0000	0.0000	43-1	0.82553
44	0.00000	SLE	Max	0.0000	1425.4276	44-1	0.00000
44	0.41277	SLE	Max	0.0000	1571.1756	44-1	0.41277
44	0.82553	SLE	Max	0.0000	1711.8122	44-1	0.82553
44	0.00000	SLE	Min	0.0000	0.0000	44-1	0.00000
44	0.41277	SLE	Min	0.0000	0.0000	44-1	0.41277
44	0.82553	SLE	Min	0.0000	0.0000	44-1	0.82553
44	0.00000	SLE_SISMA _DOWN	Max	0.0000	1556.7176	44-1	0.00000
44	0.41277	SLE_SISMA _DOWN	Max	0.0000	1673.3536	44-1	0.41277
44	0.82553	SLE_SISMA _DOWN	Max	0.0000	1784.7147	44-1	0.82553

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
44	0.00000	SLE_SISMA _DOWN	Min	0.0000	0.0000	44-1	0.00000
44	0.41277	SLE_SISMA _DOWN	Min	0.0000	0.0000	44-1	0.41277
44	0.82553	SLE_SISMA _DOWN	Min	0.0000	0.0000	44-1	0.82553
44	0.00000	SLE_SISMA _UP	Max	0.0000	1434.7628	44-1	0.00000
44	0.41277	SLE_SISMA _UP	Max	0.0000	1540.7571	44-1	0.41277
44	0.82553	SLE_SISMA _UP	Max	0.0000	1641.9263	44-1	0.82553
44	0.00000	SLE_SISMA _UP	Min	0.0000	0.0000	44-1	0.00000
44	0.41277	SLE_SISMA _UP	Min	0.0000	0.0000	44-1	0.41277
44	0.82553	SLE_SISMA _UP	Min	0.0000	0.0000	44-1	0.82553
44	0.00000	SLU_SISMA _DOWN	Max	0.0000	1680.4150	44-1	0.00000
44	0.41277	SLU_SISMA _DOWN	Max	0.0000	1760.5577	44-1	0.41277
44	0.82553	SLU_SISMA _DOWN	Max	0.0000	1835.1803	44-1	0.82553
44	0.00000	SLU_SISMA _DOWN	Min	0.0000	0.0000	44-1	0.00000
44	0.41277	SLU_SISMA _DOWN	Min	0.0000	0.0000	44-1	0.41277
44	0.82553	SLU_SISMA _DOWN	Min	0.0000	0.0000	44-1	0.82553
44	0.00000	SLU_SISMA _UP	Max	0.0000	1412.5339	44-1	0.00000
44	0.41277	SLU_SISMA _UP	Max	0.0000	1471.4262	44-1	0.41277
44	0.82553	SLU_SISMA _UP	Max	0.0000	1525.6162	44-1	0.82553
44	0.00000	SLU_SISMA _UP	Min	0.0000	0.0000	44-1	0.00000
44	0.41277	SLU_SISMA _UP	Min	0.0000	0.0000	44-1	0.41277
44	0.82553	SLU_SISMA _UP	Min	0.0000	0.0000	44-1	0.82553
45	0.00000	SLE	Max	0.0000	0.0000	45-1	0.00000
45	0.93834	SLE	Max	0.0000	11.6195	45-1	0.93834
45	1.87669	SLE	Max	0.0000	2.665E-14	45-1	1.87669
45	0.00000	SLE	Min	0.0000	0.0000	45-1	0.00000
45	0.93834	SLE	Min	0.0000	0.0000	45-1	0.93834
45	1.87669	SLE	Min	0.0000	0.0000	45-1	1.87669
45	0.00000	SLE_SISMA _DOWN	Max	0.0000	0.0000	45-1	0.00000
45	0.93834	SLE_SISMA _DOWN	Max	0.0000	11.9914	45-1	0.93834
45	1.87669	SLE_SISMA _DOWN	Max	0.0000	0.0000	45-1	1.87669
45	0.00000	SLE_SISMA _DOWN	Min	0.0000	0.0000	45-1	0.00000
45	0.93834	SLE_SISMA _DOWN	Min	0.0000	0.0000	45-1	0.93834
45	1.87669	SLE_SISMA _DOWN	Min	0.0000	-1.776E-14	45-1	1.87669
45	0.00000	SLE_SISMA _UP	Max	0.0000	0.0000	45-1	0.00000
45	0.93834	SLE_SISMA _UP	Max	0.0000	10.9688	45-1	0.93834

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
45	1.87669	SLE_SISMA _UP	Max	0.0000	0.0000	45-1	1.87669
45	0.00000	SLE_SISMA _UP	Min	0.0000	0.0000	45-1	0.00000
45	0.93834	SLE_SISMA _UP	Min	0.0000	0.0000	45-1	0.93834
45	1.87669	SLE_SISMA _UP	Min	0.0000	0.0000	45-1	1.87669
45	0.00000	SLU_SISMA _DOWN	Max	0.0000	0.0000	45-1	0.00000
45	0.93834	SLU_SISMA _DOWN	Max	0.0000	12.5491	45-1	0.93834
45	1.87669	SLU_SISMA _DOWN	Max	0.0000	0.0000	45-1	1.87669
45	0.00000	SLU_SISMA _DOWN	Min	0.0000	0.0000	45-1	0.00000
45	0.93834	SLU_SISMA _DOWN	Min	0.0000	0.0000	45-1	0.93834
45	1.87669	SLU_SISMA _DOWN	Min	0.0000	0.0000	45-1	1.87669
45	0.00000	SLU_SISMA _UP	Max	0.0000	0.0000	45-1	0.00000
45	0.93834	SLU_SISMA _UP	Max	0.0000	10.6900	45-1	0.93834
45	1.87669	SLU_SISMA _UP	Max	0.0000	0.0000	45-1	1.87669
45	0.00000	SLU_SISMA _UP	Min	0.0000	0.0000	45-1	0.00000
45	0.93834	SLU_SISMA _UP	Min	0.0000	0.0000	45-1	0.93834
45	1.87669	SLU_SISMA _UP	Min	0.0000	0.0000	45-1	1.87669
46	0.00000	SLE	Max	0.0000	0.0000	46-1	0.00000
46	0.93833	SLE	Max	0.0000	11.6190	46-1	0.93833
46	1.87665	SLE	Max	0.0000	0.0000	46-1	1.87665
46	0.00000	SLE	Min	0.0000	0.0000	46-1	0.00000
46	0.93833	SLE	Min	0.0000	0.0000	46-1	0.93833
46	1.87665	SLE	Min	0.0000	0.0000	46-1	1.87665
46	0.00000	SLE_SISMA _DOWN	Max	0.0000	0.0000	46-1	0.00000
46	0.93833	SLE_SISMA _DOWN	Max	0.0000	11.9908	46-1	0.93833
46	1.87665	SLE_SISMA _DOWN	Max	0.0000	0.0000	46-1	1.87665
46	0.00000	SLE_SISMA _DOWN	Min	0.0000	0.0000	46-1	0.00000
46	0.93833	SLE_SISMA _DOWN	Min	0.0000	0.0000	46-1	0.93833
46	1.87665	SLE_SISMA _DOWN	Min	0.0000	-8.882E-15	46-1	1.87665
46	0.00000	SLE_SISMA _UP	Max	0.0000	0.0000	46-1	0.00000
46	0.93833	SLE_SISMA _UP	Max	0.0000	10.9684	46-1	0.93833
46	1.87665	SLE_SISMA _UP	Max	0.0000	8.882E-15	46-1	1.87665
46	0.00000	SLE_SISMA _UP	Min	0.0000	0.0000	46-1	0.00000
46	0.93833	SLE_SISMA _UP	Min	0.0000	0.0000	46-1	0.93833
46	1.87665	SLE_SISMA _UP	Min	0.0000	0.0000	46-1	1.87665
46	0.00000	SLU_SISMA _DOWN	Max	0.0000	0.0000	46-1	0.00000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem	ElemStation m
46	0.93833	SLU_SISMA _DOWN	Max	0.0000	12.5485	46-1	0.93833
46	1.87665	SLU_SISMA _DOWN	Max	0.0000	8.882E-15	46-1	1.87665
46	0.00000	SLU_SISMA _DOWN	Min	0.0000	0.0000	46-1	0.00000
46	0.93833	SLU_SISMA _DOWN	Min	0.0000	0.0000	46-1	0.93833
46	1.87665	SLU_SISMA _DOWN	Min	0.0000	0.0000	46-1	1.87665
46	0.00000	SLU_SISMA _UP	Max	0.0000	0.0000	46-1	0.00000
46	0.93833	SLU_SISMA _UP	Max	0.0000	10.6895	46-1	0.93833
46	1.87665	SLU_SISMA _UP	Max	0.0000	8.882E-15	46-1	1.87665
46	0.00000	SLU_SISMA _UP	Min	0.0000	0.0000	46-1	0.00000
46	0.93833	SLU_SISMA _UP	Min	0.0000	0.0000	46-1	0.93833
46	1.87665	SLU_SISMA _UP	Min	0.0000	0.0000	46-1	1.87665

Table: Element Joint Forces - Frames, Part 1 of 2

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
1	1	SLE	NonStatic	Max	1767.027	0.000	450.030	0.0000
1	2	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
1	1	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
1	2	SLE	NonStatic	Min	-1885.189	0.000	-392.152	0.0000
1	1	SLE_SISMA _DOWN	NonStatic	Max	1822.079	0.000	375.670	0.0000
1	2	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
1	1	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
1	2	SLE_SISMA _DOWN	NonStatic	Min	-1951.278	0.000	-315.940	0.0000
1	1	SLE_SISMA _UP	NonStatic	Max	1652.563	0.000	342.701	0.0000
1	2	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
1	1	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
1	2	SLE_SISMA _UP	NonStatic	Min	-1781.761	0.000	-288.064	0.0000
1	1	SLU_SISMA _DOWN	NonStatic	Max	1772.397	0.000	282.353	0.0000
1	2	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
1	1	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
1	2	SLU_SISMA _DOWN	NonStatic	Min	-1941.537	0.000	-219.845	0.0000
1	1	SLU_SISMA _UP	NonStatic	Max	1404.334	0.000	215.325	0.0000
1	2	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
1	1	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
1	2	SLU_SISMA _UP	NonStatic	Min	-1573.474	0.000	-162.077	0.0000
2	2	SLE	NonStatic	Max	0.000	0.000	1643.938	0.0000
2	3	SLE	NonStatic	Max	365.987	0.000	0.000	0.0000
2	2	SLE	NonStatic	Min	-477.731	0.000	0.000	0.0000
2	3	SLE	NonStatic	Min	0.000	0.000	-1595.162	0.0000
2	2	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	1645.530	0.0000
2	3	SLE_SISMA _DOWN	NonStatic	Max	440.307	0.000	0.000	0.0000
2	2	SLE_SISMA _DOWN	NonStatic	Min	-563.122	0.000	0.000	0.0000
2	3	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	-1595.193	0.0000
2	2	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	1524.900	0.0000
2	3	SLE_SISMA _UP	NonStatic	Max	433.580	0.000	0.000	0.0000
2	2	SLE_SISMA _UP	NonStatic	Min	-556.395	0.000	0.000	0.0000
2	3	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	-1478.856	0.0000
2	2	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	1658.254	0.0000
2	3	SLU_SISMA _DOWN	NonStatic	Max	615.219	0.000	0.000	0.0000
2	2	SLU_SISMA _DOWN	NonStatic	Min	-776.750	0.000	0.000	0.0000
2	3	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	-1605.576	0.0000
2	2	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	1398.267	0.0000
2	3	SLU_SISMA _UP	NonStatic	Max	600.705	0.000	0.000	0.0000
2	2	SLU_SISMA _UP	NonStatic	Min	-762.236	0.000	0.000	0.0000
2	3	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	-1353.393	0.0000
3	3	SLE	NonStatic	Max	0.000	0.000	1595.162	0.0000
3	4	SLE	NonStatic	Max	254.311	0.000	0.000	0.0000
3	3	SLE	NonStatic	Min	-359.185	0.000	0.000	0.0000
3	4	SLE	NonStatic	Min	0.000	0.000	-1552.315	0.0000
3	3	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	1595.193	0.0000
3	4	SLE_SISMA _DOWN	NonStatic	Max	324.361	0.000	0.000	0.0000
3	3	SLE_SISMA _DOWN	NonStatic	Min	-440.307	0.000	0.000	0.0000
3	4	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	-1550.975	0.0000
3	3	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	1478.856	0.0000
3	4	SLE_SISMA _UP	NonStatic	Max	317.635	0.000	0.000	0.0000
3	3	SLE_SISMA _UP	NonStatic	Min	-433.580	0.000	0.000	0.0000
3	4	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	-1438.408	0.0000
3	3	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	1605.576	0.0000
3	4	SLU_SISMA _DOWN	NonStatic	Max	461.924	0.000	0.000	0.0000
3	3	SLU_SISMA _DOWN	NonStatic	Min	-615.219	0.000	0.000	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
3	4	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	-1559.301	0.0000
3	3	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	1353.393	0.0000
3	4	SLU_SISMA _UP	NonStatic	Max	447.410	0.000	0.000	0.0000
3	3	SLU_SISMA _UP	NonStatic	Min	-600.705	0.000	0.000	0.0000
3	4	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	-1313.973	0.0000
4	4	SLE	NonStatic	Max	0.000	0.000	1552.315	0.0000
4	5	SLE	NonStatic	Max	148.802	0.000	0.000	0.0000
4	4	SLE	NonStatic	Min	-246.883	0.000	0.000	0.0000
4	5	SLE	NonStatic	Min	0.000	0.000	-1512.265	0.0000
4	4	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	1550.975	0.0000
4	5	SLE_SISMA _DOWN	NonStatic	Max	215.209	0.000	0.000	0.0000
4	4	SLE_SISMA _DOWN	NonStatic	Min	-324.361	0.000	0.000	0.0000
4	5	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	-1509.643	0.0000
4	4	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	1438.408	0.0000
4	5	SLE_SISMA _UP	NonStatic	Max	208.482	0.000	0.000	0.0000
4	4	SLE_SISMA _UP	NonStatic	Min	-317.635	0.000	0.000	0.0000
4	5	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	-1400.601	0.0000
4	4	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	1559.301	0.0000
4	5	SLU_SISMA _DOWN	NonStatic	Max	316.774	0.000	0.000	0.0000
4	4	SLU_SISMA _DOWN	NonStatic	Min	-461.924	0.000	0.000	0.0000
4	5	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	-1516.047	0.0000
4	4	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	1313.973	0.0000
4	5	SLU_SISMA _UP	NonStatic	Max	302.260	0.000	0.000	0.0000
4	4	SLU_SISMA _UP	NonStatic	Min	-447.410	0.000	0.000	0.0000
4	5	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	-1277.127	0.0000
5	5	SLE	NonStatic	Max	0.000	0.000	1512.265	0.0000
5	6	SLE	NonStatic	Max	26.229	0.000	0.000	0.0000
5	5	SLE	NonStatic	Min	-144.985	0.000	0.000	0.0000
5	6	SLE	NonStatic	Min	0.000	0.000	-1435.197	0.0000
5	5	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	1509.643	0.0000
5	6	SLE_SISMA _DOWN	NonStatic	Max	81.868	0.000	0.000	0.0000
5	5	SLE_SISMA _DOWN	NonStatic	Min	-215.209	0.000	0.000	0.0000
5	6	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	-1430.098	0.0000
5	5	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	1400.601	0.0000
5	6	SLE_SISMA _UP	NonStatic	Max	75.141	0.000	0.000	0.0000
5	5	SLE_SISMA _UP	NonStatic	Min	-208.482	0.000	0.000	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
5	6	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	-1327.288	0.0000
5	5	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	1516.047	0.0000
5	6	SLU_SISMA _DOWN	NonStatic	Max	138.091	0.000	0.000	0.0000
5	5	SLU_SISMA _DOWN	NonStatic	Min	-316.774	0.000	0.000	0.0000
5	6	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	-1432.801	0.0000
5	5	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	1277.127	0.0000
5	6	SLU_SISMA _UP	NonStatic	Max	123.577	0.000	0.000	0.0000
5	5	SLU_SISMA _UP	NonStatic	Min	-302.260	0.000	0.000	0.0000
5	6	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	-1206.225	0.0000
6	6	SLE	NonStatic	Max	0.000	0.000	1435.197	0.0000
6	7	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
6	6	SLE	NonStatic	Min	-26.231	0.000	0.000	0.0000
6	7	SLE	NonStatic	Min	-77.866	0.000	-1311.783	0.0000
6	6	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	1430.098	0.0000
6	7	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
6	6	SLE_SISMA _DOWN	NonStatic	Min	-81.868	0.000	0.000	0.0000
6	7	SLE_SISMA _DOWN	NonStatic	Min	-36.407	0.000	-1302.713	0.0000
6	6	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	1327.288	0.0000
6	7	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
6	6	SLE_SISMA _UP	NonStatic	Min	-75.141	0.000	0.000	0.0000
6	7	SLE_SISMA _UP	NonStatic	Min	-43.133	0.000	-1209.292	0.0000
6	6	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	1432.801	0.0000
6	7	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
6	6	SLU_SISMA _DOWN	NonStatic	Min	-138.091	0.000	0.000	0.0000
6	7	SLU_SISMA _DOWN	NonStatic	Min	-22.001	0.000	-1299.492	0.0000
6	6	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	1206.225	0.0000
6	7	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
6	6	SLU_SISMA _UP	NonStatic	Min	-123.577	0.000	0.000	0.0000
6	7	SLU_SISMA _UP	NonStatic	Min	-36.515	0.000	-1092.695	0.0000
7	7	SLE	NonStatic	Max	77.863	0.000	1311.784	0.0000
7	8	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
7	7	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
7	8	SLE	NonStatic	Min	-165.729	0.000	-1148.106	0.0000
7	7	SLE_SISMA _DOWN	NonStatic	Max	36.407	0.000	1302.713	0.0000
7	8	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
7	7	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
7	8	SLE_SISMA _DOWN	NonStatic	Min	-137.646	0.000	-1133.770	0.0000
7	7	SLE_SISMA _UP	NonStatic	Max	43.133	0.000	1209.292	0.0000
7	8	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
7	7	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
7	8	SLE_SISMA _UP	NonStatic	Min	-144.373	0.000	-1052.599	0.0000
7	7	SLU_SISMA _DOWN	NonStatic	Max	22.001	0.000	1299.492	0.0000
7	8	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
7	7	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
7	8	SLU_SISMA _DOWN	NonStatic	Min	-160.632	0.000	-1122.692	0.0000
7	7	SLU_SISMA _UP	NonStatic	Max	36.515	0.000	1092.695	0.0000
7	8	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
7	7	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
7	8	SLU_SISMA _UP	NonStatic	Min	-175.146	0.000	-942.130	0.0000
8	8	SLE	NonStatic	Max	165.724	0.000	1148.108	0.0000
8	9	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
8	8	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
8	9	SLE	NonStatic	Min	-237.237	0.000	-970.019	0.0000
8	8	SLE_SISMA _DOWN	NonStatic	Max	137.646	0.000	1133.770	0.0000
8	9	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
8	8	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
8	9	SLE_SISMA _DOWN	NonStatic	Min	-221.362	0.000	-949.955	0.0000
8	8	SLE_SISMA _UP	NonStatic	Max	144.373	0.000	1052.599	0.0000
8	9	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
8	8	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
8	9	SLE_SISMA _UP	NonStatic	Min	-228.089	0.000	-881.846	0.0000
8	8	SLU_SISMA _DOWN	NonStatic	Max	160.632	0.000	1122.692	0.0000
8	9	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
8	8	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
8	9	SLU_SISMA _DOWN	NonStatic	Min	-276.743	0.000	-930.330	0.0000
8	8	SLU_SISMA _UP	NonStatic	Max	175.146	0.000	942.130	0.0000
8	9	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
8	8	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
8	9	SLU_SISMA _UP	NonStatic	Min	-291.257	0.000	-778.317	0.0000
9	9	SLE	NonStatic	Max	237.231	0.000	970.023	0.0000
9	10	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
9	9	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
9	10	SLE	NonStatic	Min	-293.680	0.000	-799.422	0.0000
9	9	SLE_SISMA _DOWN	NonStatic	Max	221.362	0.000	949.955	0.0000
9	10	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
9	9	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
9	10	SLE_SISMA _DOWN	NonStatic	Min	-288.627	0.000	-773.863	0.0000
9	9	SLE_SISMA _UP	NonStatic	Max	228.089	0.000	881.846	0.0000
9	10	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
9	9	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
9	10	SLE_SISMA _UP	NonStatic	Min	-295.354	0.000	-717.929	0.0000
9	9	SLU_SISMA _DOWN	NonStatic	Max	276.743	0.000	930.330	0.0000
9	10	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
9	9	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
9	10	SLU_SISMA _DOWN	NonStatic	Min	-371.340	0.000	-746.049	0.0000
9	9	SLU_SISMA _UP	NonStatic	Max	291.257	0.000	778.317	0.0000
9	10	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
9	9	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
9	10	SLU_SISMA _UP	NonStatic	Min	-385.854	0.000	-621.393	0.0000
10	10	SLE	NonStatic	Max	293.674	0.000	799.428	0.0000
10	11	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
10	10	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
10	11	SLE	NonStatic	Min	-336.584	0.000	-634.501	0.0000
10	10	SLE_SISMA _DOWN	NonStatic	Max	288.627	0.000	773.863	0.0000
10	11	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
10	10	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
10	11	SLE_SISMA _DOWN	NonStatic	Min	-340.744	0.000	-603.621	0.0000
10	10	SLE_SISMA _UP	NonStatic	Max	295.354	0.000	717.929	0.0000
10	11	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
10	10	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
10	11	SLE_SISMA _UP	NonStatic	Min	-347.471	0.000	-559.278	0.0000
10	10	SLU_SISMA _DOWN	NonStatic	Max	371.340	0.000	746.049	0.0000
10	11	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
10	10	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
10	11	SLU_SISMA _DOWN	NonStatic	Min	-445.701	0.000	-567.890	0.0000
10	10	SLU_SISMA _UP	NonStatic	Max	385.854	0.000	621.393	0.0000
10	11	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
10	10	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
10	11	SLU_SISMA _UP	NonStatic	Min	-460.215	0.000	-469.686	0.0000
11	11	SLE	NonStatic	Max	336.579	0.000	634.509	0.0000
11	12	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
11	11	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
11	12	SLE	NonStatic	Min	-367.600	0.000	-472.789	0.0000
11	11	SLE_SISMA _DOWN	NonStatic	Max	340.744	0.000	603.621	0.0000
11	12	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
11	11	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
11	12	SLE_SISMA _DOWN	NonStatic	Min	-379.154	0.000	-436.694	0.0000
11	11	SLE_SISMA _UP	NonStatic	Max	347.471	0.000	559.278	0.0000
11	12	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
11	11	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
11	12	SLE_SISMA _UP	NonStatic	Min	-385.881	0.000	-403.658	0.0000
11	11	SLU_SISMA _DOWN	NonStatic	Max	445.701	0.000	567.890	0.0000
11	12	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
11	11	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
11	12	SLU_SISMA _DOWN	NonStatic	Min	-501.280	0.000	-393.201	0.0000
11	11	SLU_SISMA _UP	NonStatic	Max	460.215	0.000	469.686	0.0000
11	12	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
11	11	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
11	12	SLU_SISMA _UP	NonStatic	Min	-515.795	0.000	-320.934	0.0000
12	12	SLE	NonStatic	Max	367.595	0.000	472.800	0.0000
12	13	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
12	12	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
12	13	SLE	NonStatic	Min	-388.336	0.000	-313.281	0.0000
12	12	SLE_SISMA _DOWN	NonStatic	Max	379.154	0.000	436.694	0.0000
12	13	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
12	12	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
12	13	SLE_SISMA _DOWN	NonStatic	Min	-405.296	0.000	-272.039	0.0000
12	12	SLE_SISMA _UP	NonStatic	Max	385.881	0.000	403.658	0.0000
12	13	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
12	12	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
12	13	SLE_SISMA _UP	NonStatic	Min	-412.023	0.000	-250.161	0.0000
12	12	SLU_SISMA _DOWN	NonStatic	Max	501.280	0.000	393.201	0.0000
12	13	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
12	12	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
12	13	SLU_SISMA _DOWN	NonStatic	Min	-539.589	0.000	-220.888	0.0000
12	12	SLU_SISMA _UP	NonStatic	Max	515.795	0.000	320.934	0.0000
12	13	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
12	12	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
12	13	SLU_SISMA _UP	NonStatic	Min	-554.104	0.000	-174.206	0.0000
13	13	SLE	NonStatic	Max	388.332	0.000	313.293	0.0000
13	14	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
13	13	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
13	14	SLE	NonStatic	Min	-400.175	0.000	-155.916	0.0000
13	13	SLE_SISMA _DOWN	NonStatic	Max	405.296	0.000	272.039	0.0000
13	14	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
13	13	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
13	14	SLE_SISMA _DOWN	NonStatic	Min	-420.430	0.000	-109.598	0.0000
13	13	SLE_SISMA _UP	NonStatic	Max	412.023	0.000	250.161	0.0000
13	14	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
13	13	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
13	14	SLE_SISMA _UP	NonStatic	Min	-427.157	0.000	-98.740	0.0000
13	13	SLU_SISMA _DOWN	NonStatic	Max	539.589	0.000	220.888	0.0000
13	14	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
13	13	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
13	14	SLU_SISMA _DOWN	NonStatic	Min	-561.978	0.000	-50.894	0.0000
13	13	SLU_SISMA _UP	NonStatic	Max	554.104	0.000	174.206	0.0000
13	14	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
13	13	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
13	14	SLU_SISMA _UP	NonStatic	Min	-576.492	0.000	-29.451	0.0000
14	14	SLE	NonStatic	Max	400.173	0.000	155.928	0.0000
14	15	SLE	NonStatic	Max	0.000	0.000	6.206E-03	0.0000
14	14	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
14	15	SLE	NonStatic	Min	-404.014	0.000	0.000	0.0000
14	14	SLE_SISMA _DOWN	NonStatic	Max	420.430	0.000	109.598	0.0000
14	15	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	51.357	0.0000
14	14	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
14	15	SLE_SISMA _DOWN	NonStatic	Min	-425.376	0.000	0.000	0.0000
14	14	SLE_SISMA _UP	NonStatic	Max	427.157	0.000	98.740	0.0000
14	15	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	51.288	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
14	14	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
14	15	SLE_SISMA _UP	NonStatic	Min	-432.103	0.000	0.000	0.0000
14	14	SLU_SISMA _DOWN	NonStatic	Max	561.978	0.000	50.894	0.0000
14	15	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	117.546	0.0000
14	14	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
14	15	SLU_SISMA _DOWN	NonStatic	Min	-569.333	0.000	0.000	0.0000
14	14	SLU_SISMA _UP	NonStatic	Max	576.492	0.000	29.451	0.0000
14	15	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	113.980	0.0000
14	14	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
14	15	SLU_SISMA _UP	NonStatic	Min	-583.847	0.000	0.000	0.0000
15	15	SLE	NonStatic	Max	404.014	0.000	8.625E-03	0.0000
15	16	SLE	NonStatic	Max	0.000	0.000	155.924	0.0000
15	15	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
15	16	SLE	NonStatic	Min	-400.173	0.000	0.000	0.0000
15	15	SLE_SISMA _DOWN	NonStatic	Max	425.376	0.000	0.000	0.0000
15	16	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	212.312	0.0000
15	15	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	-51.357	0.0000
15	16	SLE_SISMA _DOWN	NonStatic	Min	-422.640	0.000	0.000	0.0000
15	15	SLE_SISMA _UP	NonStatic	Max	432.103	0.000	0.000	0.0000
15	16	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	201.316	0.0000
15	15	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	-51.288	0.0000
15	16	SLE_SISMA _UP	NonStatic	Min	-429.367	0.000	0.000	0.0000
15	15	SLU_SISMA _DOWN	NonStatic	Max	569.333	0.000	0.000	0.0000
15	16	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	285.986	0.0000
15	15	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	-117.546	0.0000
15	16	SLU_SISMA _DOWN	NonStatic	Min	-567.479	0.000	0.000	0.0000
15	15	SLU_SISMA _UP	NonStatic	Max	583.847	0.000	0.000	0.0000
15	16	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	257.410	0.0000
15	15	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	-113.980	0.0000
15	16	SLU_SISMA _UP	NonStatic	Min	-581.993	0.000	0.000	0.0000
16	16	SLE	NonStatic	Max	400.175	0.000	0.000	0.0000
16	17	SLE	NonStatic	Max	0.000	0.000	313.288	0.0000
16	16	SLE	NonStatic	Min	0.000	0.000	-155.912	0.0000
16	17	SLE	NonStatic	Min	-388.332	0.000	0.000	0.0000
16	16	SLE_SISMA _DOWN	NonStatic	Max	422.640	0.000	0.000	0.0000
16	17	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	374.753	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
16	16	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	-212.312	0.0000
16	17	SLE_SISMA _DOWN	NonStatic	Min	-414.088	0.000	0.000	0.0000
16	16	SLE_SISMA _UP	NonStatic	Max	429.367	0.000	0.000	0.0000
16	17	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	352.737	0.0000
16	16	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	-201.316	0.0000
16	17	SLE_SISMA _UP	NonStatic	Min	-420.815	0.000	0.000	0.0000
16	16	SLU_SISMA _DOWN	NonStatic	Max	567.479	0.000	0.000	0.0000
16	17	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	455.981	0.0000
16	16	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	-285.986	0.0000
16	17	SLU_SISMA _DOWN	NonStatic	Min	-561.468	0.000	0.000	0.0000
16	16	SLU_SISMA _UP	NonStatic	Max	581.993	0.000	0.000	0.0000
16	17	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	402.165	0.0000
16	16	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	-257.410	0.0000
16	17	SLU_SISMA _UP	NonStatic	Min	-575.982	0.000	0.000	0.0000
17	17	SLE	NonStatic	Max	388.336	0.000	0.000	0.0000
17	18	SLE	NonStatic	Max	0.000	0.000	472.795	0.0000
17	17	SLE	NonStatic	Min	0.000	0.000	-313.277	0.0000
17	18	SLE	NonStatic	Min	-367.595	0.000	0.000	0.0000
17	17	SLE_SISMA _DOWN	NonStatic	Max	414.088	0.000	0.000	0.0000
17	18	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	539.408	0.0000
17	17	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	-374.753	0.0000
17	18	SLE_SISMA _DOWN	NonStatic	Min	-398.749	0.000	0.000	0.0000
17	17	SLE_SISMA _UP	NonStatic	Max	420.815	0.000	0.000	0.0000
17	18	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	506.234	0.0000
17	17	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	-352.737	0.0000
17	18	SLE_SISMA _UP	NonStatic	Min	-405.475	0.000	0.000	0.0000
17	17	SLU_SISMA _DOWN	NonStatic	Max	561.468	0.000	0.000	0.0000
17	18	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	628.293	0.0000
17	17	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	-455.981	0.0000
17	18	SLU_SISMA _DOWN	NonStatic	Min	-550.039	0.000	0.000	0.0000
17	17	SLU_SISMA _UP	NonStatic	Max	575.982	0.000	0.000	0.0000
17	18	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	548.893	0.0000
17	17	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	-402.165	0.0000
17	18	SLU_SISMA _UP	NonStatic	Min	-564.553	0.000	0.000	0.0000
18	18	SLE	NonStatic	Max	367.600	0.000	0.000	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
18	19	SLE	NonStatic	Max	0.000	0.000	634.505	0.0000
18	18	SLE	NonStatic	Min	0.000	0.000	-472.785	0.0000
18	19	SLE	NonStatic	Min	-336.579	0.000	0.000	0.0000
18	18	SLE_SISMA _DOWN	NonStatic	Max	398.749	0.000	0.000	0.0000
18	19	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	706.335	0.0000
18	18	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	-539.408	0.0000
18	19	SLE_SISMA _DOWN	NonStatic	Min	-375.116	0.000	0.000	0.0000
18	18	SLE_SISMA _UP	NonStatic	Max	405.475	0.000	0.000	0.0000
18	19	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	661.854	0.0000
18	18	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	-506.234	0.0000
18	19	SLE_SISMA _UP	NonStatic	Min	-381.843	0.000	0.000	0.0000
18	18	SLU_SISMA _DOWN	NonStatic	Max	550.039	0.000	0.000	0.0000
18	19	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	802.983	0.0000
18	18	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	-628.293	0.0000
18	19	SLU_SISMA _DOWN	NonStatic	Min	-531.230	0.000	0.000	0.0000
18	18	SLU_SISMA _UP	NonStatic	Max	564.553	0.000	0.000	0.0000
18	19	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	697.645	0.0000
18	18	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	-548.893	0.0000
18	19	SLU_SISMA _UP	NonStatic	Min	-545.744	0.000	0.000	0.0000
19	19	SLE	NonStatic	Max	336.584	0.000	0.000	0.0000
19	20	SLE	NonStatic	Max	0.000	0.000	799.424	0.0000
19	19	SLE	NonStatic	Min	0.000	0.000	-634.497	0.0000
19	20	SLE	NonStatic	Min	-293.674	0.000	0.000	0.0000
19	19	SLE_SISMA _DOWN	NonStatic	Max	375.116	0.000	0.000	0.0000
19	20	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	876.576	0.0000
19	19	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	-706.335	0.0000
19	20	SLE_SISMA _DOWN	NonStatic	Min	-341.413	0.000	0.000	0.0000
19	19	SLE_SISMA _UP	NonStatic	Max	381.843	0.000	0.000	0.0000
19	20	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	820.505	0.0000
19	19	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	-661.854	0.0000
19	20	SLE_SISMA _UP	NonStatic	Min	-348.140	0.000	0.000	0.0000
19	19	SLU_SISMA _DOWN	NonStatic	Max	531.230	0.000	0.000	0.0000
19	20	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	981.141	0.0000
19	19	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	-802.983	0.0000
19	20	SLU_SISMA _DOWN	NonStatic	Min	-502.691	0.000	0.000	0.0000
19	19	SLU_SISMA _UP	NonStatic	Max	545.744	0.000	0.000	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
19	20	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	849.352	0.0000
19	19	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	-697.645	0.0000
19	20	SLU_SISMA _UP	NonStatic	Min	-517.205	0.000	0.000	0.0000
20	20	SLE	NonStatic	Max	293.680	0.000	0.000	0.0000
20	21	SLE	NonStatic	Max	0.000	0.000	970.019	0.0000
20	20	SLE	NonStatic	Min	0.000	0.000	-799.417	0.0000
20	21	SLE	NonStatic	Min	-237.231	0.000	0.000	0.0000
20	20	SLE_SISMA _DOWN	NonStatic	Max	341.413	0.000	0.000	0.0000
20	21	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	1052.669	0.0000
20	20	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	-876.576	0.0000
20	21	SLE_SISMA _DOWN	NonStatic	Min	-295.780	0.000	0.000	0.0000
20	20	SLE_SISMA _UP	NonStatic	Max	348.140	0.000	0.000	0.0000
20	21	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	984.422	0.0000
20	20	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	-820.505	0.0000
20	21	SLE_SISMA _UP	NonStatic	Min	-302.507	0.000	0.000	0.0000
20	20	SLU_SISMA _DOWN	NonStatic	Max	502.691	0.000	0.000	0.0000
20	21	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	1165.422	0.0000
20	20	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	-981.141	0.0000
20	21	SLU_SISMA _DOWN	NonStatic	Min	-461.923	0.000	0.000	0.0000
20	20	SLU_SISMA _UP	NonStatic	Max	517.205	0.000	0.000	0.0000
20	21	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	1006.276	0.0000
20	20	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	-849.352	0.0000
20	21	SLU_SISMA _UP	NonStatic	Min	-476.437	0.000	0.000	0.0000
21	21	SLE	NonStatic	Max	237.237	0.000	0.000	0.0000
21	22	SLE	NonStatic	Max	0.000	0.000	1148.104	0.0000
21	21	SLE	NonStatic	Min	0.000	0.000	-970.015	0.0000
21	22	SLE	NonStatic	Min	-165.724	0.000	0.000	0.0000
21	21	SLE_SISMA _DOWN	NonStatic	Max	295.780	0.000	0.000	0.0000
21	22	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	1236.483	0.0000
21	21	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	-1052.669	0.0000
21	22	SLE_SISMA _DOWN	NonStatic	Min	-236.471	0.000	0.000	0.0000
21	21	SLE_SISMA _UP	NonStatic	Max	302.507	0.000	0.000	0.0000
21	22	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	1155.175	0.0000
21	21	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	-984.422	0.0000
21	22	SLE_SISMA _UP	NonStatic	Min	-243.198	0.000	0.000	0.0000
21	21	SLU_SISMA _DOWN	NonStatic	Max	461.923	0.000	0.000	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
21	22	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	1357.785	0.0000
21	21	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	-1165.422	0.0000
21	22	SLU_SISMA _DOWN	NonStatic	Min	-406.545	0.000	0.000	0.0000
21	21	SLU_SISMA _UP	NonStatic	Max	476.437	0.000	0.000	0.0000
21	22	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	1170.089	0.0000
21	21	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	-1006.276	0.0000
21	22	SLU_SISMA _UP	NonStatic	Min	-421.059	0.000	0.000	0.0000
22	22	SLE	NonStatic	Max	165.729	0.000	0.000	0.0000
22	23	SLE	NonStatic	Max	0.000	0.000	1311.780	0.0000
22	22	SLE	NonStatic	Min	0.000	0.000	-1148.101	0.0000
22	23	SLE	NonStatic	Min	-77.863	0.000	0.000	0.0000
22	22	SLE_SISMA _DOWN	NonStatic	Max	236.471	0.000	0.000	0.0000
22	23	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	1405.426	0.0000
22	22	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	-1236.483	0.0000
22	23	SLE_SISMA _DOWN	NonStatic	Min	-161.978	0.000	0.000	0.0000
22	22	SLE_SISMA _UP	NonStatic	Max	243.198	0.000	0.000	0.0000
22	23	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	1311.868	0.0000
22	22	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	-1155.175	0.0000
22	23	SLE_SISMA _UP	NonStatic	Min	-168.705	0.000	0.000	0.0000
22	22	SLU_SISMA _DOWN	NonStatic	Max	406.297	0.000	0.000	0.0000
22	23	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	1534.695	0.0000
22	22	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	-1357.895	0.0000
22	23	SLU_SISMA _DOWN	NonStatic	Min	-334.223	0.000	0.000	0.0000
22	22	SLU_SISMA _UP	NonStatic	Max	413.886	0.000	0.000	0.0000
22	23	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	1323.845	0.0000
22	22	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	-1173.280	0.0000
22	23	SLU_SISMA _UP	NonStatic	Min	-341.812	0.000	0.000	0.0000
23	23	SLE	NonStatic	Max	77.866	0.000	0.000	0.0000
23	24	SLE	NonStatic	Max	26.231	0.000	1435.193	0.0000
23	23	SLE	NonStatic	Min	0.000	0.000	-1311.779	0.0000
23	24	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
23	23	SLE_SISMA _DOWN	NonStatic	Max	161.978	0.000	0.000	0.0000
23	24	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	1532.811	0.0000
23	23	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	-1405.426	0.0000
23	24	SLE_SISMA _DOWN	NonStatic	Min	-72.059	0.000	0.000	0.0000
23	23	SLE_SISMA _UP	NonStatic	Max	168.705	0.000	0.000	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
23	24	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	1429.864	0.0000
23	23	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	-1311.868	0.0000
23	24	SLE_SISMA _UP	NonStatic	Min	-78.786	0.000	0.000	0.0000
23	23	SLU_SISMA _DOWN	NonStatic	Max	305.121	0.000	0.000	0.0000
23	24	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	1675.470	0.0000
23	23	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	-1542.161	0.0000
23	24	SLU_SISMA _DOWN	NonStatic	Min	-215.587	0.000	0.000	0.0000
23	23	SLU_SISMA _UP	NonStatic	Max	305.119	0.000	0.000	0.0000
23	24	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	1447.584	0.0000
23	23	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	-1334.054	0.0000
23	24	SLU_SISMA _UP	NonStatic	Min	-215.585	0.000	0.000	0.0000
24	24	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
24	25	SLE	NonStatic	Max	144.988	0.000	1512.262	0.0000
24	24	SLE	NonStatic	Min	-26.229	0.000	-1435.192	0.0000
24	25	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
24	24	SLE_SISMA _DOWN	NonStatic	Max	51.261	0.000	0.000	0.0000
24	25	SLE_SISMA _DOWN	NonStatic	Max	52.912	0.000	1614.104	0.0000
24	24	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	-1534.556	0.0000
24	25	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
24	24	SLE_SISMA _UP	NonStatic	Max	57.364	0.000	0.000	0.0000
24	25	SLE_SISMA _UP	NonStatic	Max	46.808	0.000	1504.976	0.0000
24	24	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	-1431.661	0.0000
24	25	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
24	24	SLU_SISMA _DOWN	NonStatic	Max	131.098	0.000	0.000	0.0000
24	25	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	1770.279	0.0000
24	24	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	-1687.032	0.0000
24	25	SLU_SISMA _DOWN	NonStatic	Min	-25.000	0.000	0.000	0.0000
24	24	SLU_SISMA _UP	NonStatic	Max	128.476	0.000	0.000	0.0000
24	25	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	1530.835	0.0000
24	24	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	-1459.931	0.0000
24	25	SLU_SISMA _UP	NonStatic	Min	-22.378	0.000	0.000	0.0000
25	25	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
25	26	SLE	NonStatic	Max	246.887	0.000	1552.312	0.0000
25	25	SLE	NonStatic	Min	-148.806	0.000	-1512.262	0.0000
25	26	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
25	25	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
25	26	SLE_SISMA _DOWN	NonStatic	Max	184.388	0.000	1657.061	0.0000
25	25	SLE_SISMA _DOWN	NonStatic	Min	-97.378	0.000	-1615.730	0.0000
25	26	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
25	25	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
25	26	SLE_SISMA _UP	NonStatic	Max	178.642	0.000	1544.461	0.0000
25	25	SLE_SISMA _UP	NonStatic	Min	-91.632	0.000	-1506.654	0.0000
25	26	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
25	25	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
25	26	SLU_SISMA _DOWN	NonStatic	Max	173.352	0.000	1818.140	0.0000
25	25	SLU_SISMA _DOWN	NonStatic	Min	-83.301	0.000	-1774.885	0.0000
25	26	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
25	25	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
25	26	SLU_SISMA _UP	NonStatic	Max	173.297	0.000	1572.233	0.0000
25	25	SLU_SISMA _UP	NonStatic	Min	-83.246	0.000	-1535.387	0.0000
25	26	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
26	26	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
26	27	SLE	NonStatic	Max	359.189	0.000	1595.159	0.0000
26	26	SLE	NonStatic	Min	-254.315	0.000	-1552.312	0.0000
26	27	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
26	26	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
26	27	SLE_SISMA _DOWN	NonStatic	Max	326.214	0.000	1701.279	0.0000
26	26	SLE_SISMA _DOWN	NonStatic	Min	-232.411	0.000	-1657.061	0.0000
26	27	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
26	26	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
26	27	SLE_SISMA _UP	NonStatic	Max	319.997	0.000	1584.908	0.0000
26	26	SLE_SISMA _UP	NonStatic	Min	-226.194	0.000	-1544.461	0.0000
26	27	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
26	26	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
26	27	SLU_SISMA _DOWN	NonStatic	Max	373.638	0.000	1864.413	0.0000
26	26	SLU_SISMA _DOWN	NonStatic	Min	-275.442	0.000	-1818.139	0.0000
26	27	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
26	26	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
26	27	SLU_SISMA _UP	NonStatic	Max	369.666	0.000	1611.651	0.0000
26	26	SLU_SISMA _UP	NonStatic	Min	-271.470	0.000	-1572.232	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
26	27	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
27	27	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
27	28	SLE	NonStatic	Max	477.726	0.000	1643.933	0.0000
27	27	SLE	NonStatic	Min	-365.987	0.000	-1595.159	0.0000
27	28	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
27	27	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
27	28	SLE_SISMA _DOWN	NonStatic	Max	472.340	0.000	1751.614	0.0000
27	27	SLE_SISMA _DOWN	NonStatic	Min	-371.673	0.000	-1701.280	0.0000
27	28	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
27	27	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
27	28	SLE_SISMA _UP	NonStatic	Max	465.750	0.000	1630.951	0.0000
27	27	SLE_SISMA _UP	NonStatic	Min	-365.082	0.000	-1584.908	0.0000
27	28	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
27	27	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
27	28	SLU_SISMA _DOWN	NonStatic	Max	577.102	0.000	1917.090	0.0000
27	27	SLU_SISMA _DOWN	NonStatic	Min	-470.674	0.000	-1864.414	0.0000
27	28	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
27	27	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
27	28	SLU_SISMA _UP	NonStatic	Max	569.442	0.000	1656.524	0.0000
27	27	SLU_SISMA _UP	NonStatic	Min	-463.015	0.000	-1611.652	0.0000
27	28	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
28	28	SLE	NonStatic	Max	1885.182	0.000	0.000	0.0000
28	29	SLE	NonStatic	Max	0.000	0.000	450.012	0.0000
28	28	SLE	NonStatic	Min	0.000	0.000	-392.134	0.0000
28	29	SLE	NonStatic	Min	-1767.021	0.000	0.000	0.0000
28	28	SLE_SISMA _DOWN	NonStatic	Max	1861.189	0.000	0.000	0.0000
28	29	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	556.504	0.0000
28	28	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	-496.774	0.0000
28	29	SLE_SISMA _DOWN	NonStatic	Min	-1754.064	0.000	0.000	0.0000
28	28	SLE_SISMA _UP	NonStatic	Max	1692.389	0.000	0.000	0.0000
28	29	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	523.174	0.0000
28	28	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	-468.538	0.0000
28	29	SLE_SISMA _UP	NonStatic	Min	-1585.263	0.000	0.000	0.0000
28	28	SLU_SISMA _DOWN	NonStatic	Max	1755.627	0.000	0.000	0.0000
28	29	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	700.042	0.0000
28	28	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	-637.534	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
28	29	SLU_SISMA _DOWN	NonStatic	Min	-1641.413	0.000	0.000	0.0000
28	28	SLU_SISMA _UP	NonStatic	Max	1399.891	0.000	0.000	0.0000
28	29	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	623.900	0.0000
28	28	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	-570.653	0.0000
28	29	SLU_SISMA _UP	NonStatic	Min	-1285.677	0.000	0.000	0.0000
29	29	SLE	NonStatic	Max	1764.833	0.000	0.000	0.0000
29	30	SLE	NonStatic	Max	0.000	0.000	359.276	0.0000
29	29	SLE	NonStatic	Min	0.000	0.000	-334.510	0.0000
29	30	SLE	NonStatic	Min	-1764.833	0.000	0.000	0.0000
29	29	SLE_SISMA _DOWN	NonStatic	Max	1734.524	0.000	0.000	0.0000
29	30	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	455.930	0.0000
29	29	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	-430.372	0.0000
29	30	SLE_SISMA _DOWN	NonStatic	Min	-1734.524	0.000	0.000	0.0000
29	29	SLE_SISMA _UP	NonStatic	Max	1565.760	0.000	0.000	0.0000
29	30	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	429.370	0.0000
29	29	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	-405.991	0.0000
29	30	SLE_SISMA _UP	NonStatic	Min	-1565.760	0.000	0.000	0.0000
29	29	SLU_SISMA _DOWN	NonStatic	Max	1598.607	0.000	0.000	0.0000
29	30	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	585.548	0.0000
29	29	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	-558.801	0.0000
29	30	SLU_SISMA _DOWN	NonStatic	Min	-1598.607	0.000	0.000	0.0000
29	29	SLU_SISMA _UP	NonStatic	Max	1244.369	0.000	0.000	0.0000
29	30	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	524.116	0.0000
29	29	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	-501.331	0.0000
29	30	SLU_SISMA _UP	NonStatic	Min	-1244.369	0.000	0.000	0.0000
30	30	SLE	NonStatic	Max	1764.833	0.000	0.000	0.0000
30	31	SLE	NonStatic	Max	0.000	0.000	154.766	0.0000
30	30	SLE	NonStatic	Min	0.000	0.000	-130.000	0.0000
30	31	SLE	NonStatic	Min	-1764.833	0.000	0.000	0.0000
30	30	SLE_SISMA _DOWN	NonStatic	Max	1734.524	0.000	0.000	0.0000
30	31	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	232.792	0.0000
30	30	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	-207.234	0.0000
30	31	SLE_SISMA _DOWN	NonStatic	Min	-1734.524	0.000	0.000	0.0000
30	30	SLE_SISMA _UP	NonStatic	Max	1565.760	0.000	0.000	0.0000
30	31	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	221.760	0.0000
30	30	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	-198.381	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
30	31	SLE_SISMA _UP	NonStatic	Min	-1565.760	0.000	0.000	0.0000
30	30	SLU_SISMA _DOWN	NonStatic	Max	1598.607	0.000	0.000	0.0000
30	31	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	335.723	0.0000
30	30	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	-308.976	0.0000
30	31	SLU_SISMA _DOWN	NonStatic	Min	-1598.607	0.000	0.000	0.0000
30	30	SLU_SISMA _UP	NonStatic	Max	1244.369	0.000	0.000	0.0000
30	31	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	307.250	0.0000
30	30	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	-284.466	0.0000
30	31	SLU_SISMA _UP	NonStatic	Min	-1244.369	0.000	0.000	0.0000
31	31	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
31	32	SLE	NonStatic	Max	655.005	0.000	1257.942	0.0000
31	31	SLE	NonStatic	Min	-655.005	0.000	-1226.749	0.0000
31	32	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
31	31	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
31	32	SLE_SISMA _DOWN	NonStatic	Max	699.879	0.000	1315.548	0.0000
31	31	SLE_SISMA _DOWN	NonStatic	Min	-699.879	0.000	-1283.356	0.0000
31	32	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
31	31	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
31	32	SLE_SISMA _UP	NonStatic	Max	689.101	0.000	1222.500	0.0000
31	31	SLE_SISMA _UP	NonStatic	Min	-689.101	0.000	-1193.053	0.0000
31	32	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
31	31	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
31	32	SLU_SISMA _DOWN	NonStatic	Max	894.227	0.000	1410.134	0.0000
31	31	SLU_SISMA _DOWN	NonStatic	Min	-894.227	0.000	-1376.445	0.0000
31	32	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
31	31	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
31	32	SLU_SISMA _UP	NonStatic	Max	873.274	0.000	1212.368	0.0000
31	31	SLU_SISMA _UP	NonStatic	Min	-873.274	0.000	-1183.670	0.0000
31	32	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
32	32	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
32	33	SLE	NonStatic	Max	747.579	0.000	1041.975	0.0000
32	32	SLE	NonStatic	Min	-747.579	0.000	-1010.782	0.0000
32	33	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
32	32	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
32	33	SLE_SISMA _DOWN	NonStatic	Max	804.380	0.000	1068.907	0.0000
32	32	SLE_SISMA _DOWN	NonStatic	Min	-804.380	0.000	-1036.716	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
32	33	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
32	32	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
32	33	SLE_SISMA _UP	NonStatic	Max	786.560	0.000	991.918	0.0000
32	32	SLE_SISMA _UP	NonStatic	Min	-786.560	0.000	-962.472	0.0000
32	33	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
32	32	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
32	33	SLU_SISMA _DOWN	NonStatic	Max	1015.621	0.000	1120.117	0.0000
32	32	SLU_SISMA _DOWN	NonStatic	Min	-1015.621	0.000	-1086.428	0.0000
32	33	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
32	32	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
32	33	SLU_SISMA _UP	NonStatic	Max	979.548	0.000	957.716	0.0000
32	32	SLU_SISMA _UP	NonStatic	Min	-979.548	0.000	-929.018	0.0000
32	33	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
33	33	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
33	34	SLE	NonStatic	Max	822.401	0.000	819.384	0.0000
33	33	SLE	NonStatic	Min	-822.401	0.000	-788.190	0.0000
33	34	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
33	33	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
33	34	SLE_SISMA _DOWN	NonStatic	Max	887.396	0.000	819.728	0.0000
33	33	SLE_SISMA _DOWN	NonStatic	Min	-887.396	0.000	-787.537	0.0000
33	34	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
33	33	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
33	34	SLE_SISMA _UP	NonStatic	Max	863.908	0.000	759.220	0.0000
33	33	SLE_SISMA _UP	NonStatic	Min	-863.908	0.000	-729.773	0.0000
33	34	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
33	33	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
33	34	SLU_SISMA _DOWN	NonStatic	Max	1110.429	0.000	832.714	0.0000
33	33	SLU_SISMA _DOWN	NonStatic	Min	-1110.429	0.000	-799.025	0.0000
33	34	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
33	33	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
33	34	SLU_SISMA _UP	NonStatic	Max	1062.263	0.000	706.325	0.0000
33	33	SLU_SISMA _UP	NonStatic	Min	-1062.263	0.000	-677.627	0.0000
33	34	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
34	34	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
34	35	SLE	NonStatic	Max	878.793	0.000	592.378	0.0000
34	34	SLE	NonStatic	Min	-878.793	0.000	-561.185	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
34	35	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
34	34	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
34	35	SLE_SISMA _DOWN	NonStatic	Max	948.911	0.000	570.527	0.0000
34	34	SLE_SISMA _DOWN	NonStatic	Min	-948.911	0.000	-538.336	0.0000
34	35	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
34	34	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
34	35	SLE_SISMA _UP	NonStatic	Max	921.168	0.000	526.760	0.0000
34	34	SLE_SISMA _UP	NonStatic	Min	-921.168	0.000	-497.313	0.0000
34	35	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
34	34	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
34	35	SLU_SISMA _DOWN	NonStatic	Max	1179.468	0.000	550.915	0.0000
34	34	SLU_SISMA _DOWN	NonStatic	Min	-1179.468	0.000	-517.226	0.0000
34	35	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
34	34	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
34	35	SLU_SISMA _UP	NonStatic	Max	1122.276	0.000	460.844	0.0000
34	34	SLU_SISMA _UP	NonStatic	Min	-1122.276	0.000	-432.146	0.0000
34	35	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
35	35	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
35	36	SLE	NonStatic	Max	916.457	0.000	362.639	0.0000
35	35	SLE	NonStatic	Min	-916.457	0.000	-331.446	0.0000
35	36	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
35	35	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
35	36	SLE_SISMA _DOWN	NonStatic	Max	989.312	0.000	323.209	0.0000
35	35	SLE_SISMA _DOWN	NonStatic	Min	-989.312	0.000	-291.017	0.0000
35	36	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
35	35	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
35	36	SLE_SISMA _UP	NonStatic	Max	958.735	0.000	296.333	0.0000
35	35	SLE_SISMA _UP	NonStatic	Min	-958.735	0.000	-266.887	0.0000
35	36	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
35	35	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
35	36	SLU_SISMA _DOWN	NonStatic	Max	1223.996	0.000	277.019	0.0000
35	35	SLU_SISMA _DOWN	NonStatic	Min	-1223.996	0.000	-243.330	0.0000
35	36	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
35	35	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
35	36	SLU_SISMA _UP	NonStatic	Max	1160.827	0.000	223.343	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
35	35	SLU_SISMA _UP	NonStatic	Min	-1160.827	0.000	-194.646	0.0000
35	36	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
36	36	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
36	37	SLE	NonStatic	Max	935.298	0.000	131.446	0.0000
36	36	SLE	NonStatic	Min	-935.298	0.000	-100.256	0.0000
36	37	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
36	36	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
36	37	SLE_SISMA _DOWN	NonStatic	Max	1009.198	0.000	79.211	0.0000
36	36	SLE_SISMA _DOWN	NonStatic	Min	-1009.198	0.000	-47.023	0.0000
36	37	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
36	36	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
36	37	SLE_SISMA _UP	NonStatic	Max	977.206	0.000	69.307	0.0000
36	36	SLE_SISMA _UP	NonStatic	Min	-977.206	0.000	-39.863	0.0000
36	37	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
36	36	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	20.893	0.0000
36	37	SLU_SISMA _DOWN	NonStatic	Max	1245.515	0.000	12.793	0.0000
36	36	SLU_SISMA _DOWN	NonStatic	Min	-1245.515	0.000	0.000	0.0000
36	37	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
36	36	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	33.249	0.0000
36	37	SLU_SISMA _UP	NonStatic	Max	1179.376	0.000	0.000	0.0000
36	36	SLU_SISMA _UP	NonStatic	Min	-1179.376	0.000	0.000	0.0000
36	37	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	-4.554	0.0000
37	37	SLE	NonStatic	Max	0.000	0.000	131.409	0.0000
37	38	SLE	NonStatic	Max	935.299	0.000	0.000	0.0000
37	37	SLE	NonStatic	Min	-935.299	0.000	0.000	0.0000
37	38	SLE	NonStatic	Min	0.000	0.000	-100.213	0.0000
37	37	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	192.564	0.0000
37	38	SLE_SISMA _DOWN	NonStatic	Max	1009.253	0.000	0.000	0.0000
37	37	SLE_SISMA _DOWN	NonStatic	Min	-1009.253	0.000	0.000	0.0000
37	38	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	-160.369	0.0000
37	37	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	182.718	0.0000
37	38	SLE_SISMA _UP	NonStatic	Max	977.261	0.000	0.000	0.0000
37	37	SLE_SISMA _UP	NonStatic	Min	-977.261	0.000	0.000	0.0000
37	38	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	-153.269	0.0000
37	37	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	274.088	0.0000
37	38	SLU_SISMA _DOWN	NonStatic	Max	1245.643	0.000	0.000	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
37	37	SLU_SISMA _DOWN	NonStatic	Min	-1245.643	0.000	0.000	0.0000
37	38	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	-240.396	0.0000
37	37	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	250.266	0.0000
37	38	SLU_SISMA _UP	NonStatic	Max	1179.500	0.000	0.000	0.0000
37	37	SLU_SISMA _UP	NonStatic	Min	-1179.500	0.000	0.000	0.0000
37	38	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	-221.565	0.0000
38	38	SLE	NonStatic	Max	0.000	0.000	362.624	0.0000
38	39	SLE	NonStatic	Max	916.460	0.000	0.000	0.0000
38	38	SLE	NonStatic	Min	-916.460	0.000	0.000	0.0000
38	39	SLE	NonStatic	Min	0.000	0.000	-331.430	0.0000
38	38	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	426.750	0.0000
38	39	SLE_SISMA _DOWN	NonStatic	Max	990.184	0.000	0.000	0.0000
38	38	SLE_SISMA _DOWN	NonStatic	Min	-990.184	0.000	0.000	0.0000
38	39	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	-394.558	0.0000
38	38	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	399.903	0.0000
38	39	SLE_SISMA _UP	NonStatic	Max	959.611	0.000	0.000	0.0000
38	38	SLE_SISMA _UP	NonStatic	Min	-959.611	0.000	0.000	0.0000
38	39	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	-370.456	0.0000
38	38	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	515.046	0.0000
38	39	SLU_SISMA _DOWN	NonStatic	Max	1226.054	0.000	0.000	0.0000
38	38	SLU_SISMA _DOWN	NonStatic	Min	-1226.054	0.000	0.000	0.0000
38	39	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	-481.357	0.0000
38	38	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	455.266	0.0000
38	39	SLU_SISMA _UP	NonStatic	Max	1162.848	0.000	0.000	0.0000
38	38	SLU_SISMA _UP	NonStatic	Min	-1162.848	0.000	0.000	0.0000
38	39	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	-426.568	0.0000
39	39	SLE	NonStatic	Max	0.000	0.000	592.364	0.0000
39	40	SLE	NonStatic	Max	878.798	0.000	0.000	0.0000
39	39	SLE	NonStatic	Min	-878.798	0.000	0.000	0.0000
39	40	SLE	NonStatic	Min	0.000	0.000	-561.170	0.0000
39	39	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	654.486	0.0000
39	40	SLE_SISMA _DOWN	NonStatic	Max	952.723	0.000	0.000	0.0000
39	39	SLE_SISMA _DOWN	NonStatic	Min	-952.723	0.000	0.000	0.0000
39	40	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	-622.294	0.0000
39	39	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	610.690	0.0000
39	40	SLE_SISMA _UP	NonStatic	Max	924.993	0.000	0.000	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
39	39	SLE_SISMA _UP	NonStatic	Min	-924.993	0.000	0.000	0.0000
39	40	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	-581.243	0.0000
39	39	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	742.563	0.0000
39	40	SLU_SISMA _DOWN	NonStatic	Max	1188.483	0.000	0.000	0.0000
39	39	SLU_SISMA _DOWN	NonStatic	Min	-1188.483	0.000	0.000	0.0000
39	40	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	-708.875	0.0000
39	39	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	647.135	0.0000
39	40	SLU_SISMA _UP	NonStatic	Max	1131.139	0.000	0.000	0.0000
39	39	SLU_SISMA _UP	NonStatic	Min	-1131.139	0.000	0.000	0.0000
39	40	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	-618.437	0.0000
40	40	SLE	NonStatic	Max	0.000	0.000	819.371	0.0000
40	41	SLE	NonStatic	Max	822.408	0.000	0.000	0.0000
40	40	SLE	NonStatic	Min	-822.408	0.000	0.000	0.0000
40	41	SLE	NonStatic	Min	0.000	0.000	-788.178	0.0000
40	40	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	874.533	0.0000
40	41	SLE_SISMA _DOWN	NonStatic	Max	897.692	0.000	0.000	0.0000
40	40	SLE_SISMA _DOWN	NonStatic	Min	-897.692	0.000	0.000	0.0000
40	41	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	-842.342	0.0000
40	40	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	813.912	0.0000
40	41	SLE_SISMA _UP	NonStatic	Max	874.237	0.000	0.000	0.0000
40	40	SLE_SISMA _UP	NonStatic	Min	-874.237	0.000	0.000	0.0000
40	41	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	-784.465	0.0000
40	40	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	955.333	0.0000
40	41	SLU_SISMA _DOWN	NonStatic	Max	1134.793	0.000	0.000	0.0000
40	40	SLU_SISMA _DOWN	NonStatic	Min	-1134.793	0.000	0.000	0.0000
40	41	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	-921.644	0.0000
40	40	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	824.705	0.0000
40	41	SLU_SISMA _UP	NonStatic	Max	1086.223	0.000	0.000	0.0000
40	40	SLU_SISMA _UP	NonStatic	Min	-1086.223	0.000	0.000	0.0000
40	41	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	-796.008	0.0000
41	41	SLE	NonStatic	Max	0.000	0.000	1041.965	0.0000
41	42	SLE	NonStatic	Max	747.587	0.000	0.000	0.0000
41	41	SLE	NonStatic	Min	-747.587	0.000	0.000	0.0000
41	42	SLE	NonStatic	Min	0.000	0.000	-1010.771	0.0000
41	41	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	1085.287	0.0000
41	42	SLE_SISMA _DOWN	NonStatic	Max	826.128	0.000	0.000	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
41	41	SLE_SISMA _DOWN	NonStatic	Min	-826.128	0.000	0.000	0.0000
41	42	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	-1053.095	0.0000
41	41	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	1008.075	0.0000
41	42	SLE_SISMA _UP	NonStatic	Max	808.374	0.000	0.000	0.0000
41	41	SLE_SISMA _UP	NonStatic	Min	-808.374	0.000	0.000	0.0000
41	42	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	-978.629	0.0000
41	41	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	1151.788	0.0000
41	42	SLU_SISMA _DOWN	NonStatic	Max	1067.084	0.000	0.000	0.0000
41	41	SLU_SISMA _DOWN	NonStatic	Min	-1067.084	0.000	0.000	0.0000
41	42	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	-1118.099	0.0000
41	41	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	986.632	0.0000
41	42	SLU_SISMA _UP	NonStatic	Max	1030.162	0.000	0.000	0.0000
41	41	SLU_SISMA _UP	NonStatic	Min	-1030.162	0.000	0.000	0.0000
41	42	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	-957.935	0.0000
42	42	SLE	NonStatic	Max	0.000	0.000	1257.934	0.0000
42	43	SLE	NonStatic	Max	655.014	0.000	0.000	0.0000
42	42	SLE	NonStatic	Min	-655.014	0.000	0.000	0.0000
42	43	SLE	NonStatic	Min	0.000	0.000	-1226.741	0.0000
42	42	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	1284.686	0.0000
42	43	SLE_SISMA _DOWN	NonStatic	Max	739.451	0.000	0.000	0.0000
42	42	SLE_SISMA _DOWN	NonStatic	Min	-739.451	0.000	0.000	0.0000
42	43	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	-1252.495	0.0000
42	42	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	1191.283	0.0000
42	43	SLE_SISMA _UP	NonStatic	Max	728.791	0.000	0.000	0.0000
42	42	SLE_SISMA _UP	NonStatic	Min	-728.791	0.000	0.000	0.0000
42	43	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	-1161.837	0.0000
42	42	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	1330.045	0.0000
42	43	SLU_SISMA _DOWN	NonStatic	Max	987.853	0.000	0.000	0.0000
42	42	SLU_SISMA _DOWN	NonStatic	Min	-987.853	0.000	0.000	0.0000
42	43	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	-1296.356	0.0000
42	42	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	1131.363	0.0000
42	43	SLU_SISMA _UP	NonStatic	Max	965.353	0.000	0.000	0.0000
42	42	SLU_SISMA _UP	NonStatic	Min	-965.353	0.000	0.000	0.0000
42	43	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	-1102.665	0.0000
43	43	SLE	NonStatic	Max	1764.839	0.000	154.775	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
43	44	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
43	43	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
43	44	SLE	NonStatic	Min	-1764.839	0.000	-130.009	0.0000
43	43	SLE_SISMA _DOWN	NonStatic	Max	1822.079	0.000	89.905	0.0000
43	44	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
43	43	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
43	44	SLE_SISMA _DOWN	NonStatic	Min	-1822.079	0.000	-64.346	0.0000
43	43	SLE_SISMA _UP	NonStatic	Max	1652.563	0.000	78.882	0.0000
43	44	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
43	43	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
43	44	SLE_SISMA _UP	NonStatic	Min	-1652.563	0.000	-55.503	0.0000
43	43	SLU_SISMA _DOWN	NonStatic	Max	1772.397	0.000	8.401	0.0000
43	44	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	18.347	0.0000
43	43	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
43	44	SLU_SISMA _DOWN	NonStatic	Min	-1772.397	0.000	0.000	0.0000
43	43	SLU_SISMA _UP	NonStatic	Max	1404.334	0.000	0.000	0.0000
43	44	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	34.127	0.0000
43	43	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	-11.343	0.0000
43	44	SLU_SISMA _UP	NonStatic	Min	-1404.334	0.000	0.000	0.0000
44	44	SLE	NonStatic	Max	1764.839	0.000	359.291	0.0000
44	1	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
44	44	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
44	1	SLE	NonStatic	Min	-1764.839	0.000	-334.525	0.0000
44	44	SLE_SISMA _DOWN	NonStatic	Max	1822.079	0.000	288.960	0.0000
44	1	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
44	44	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
44	1	SLE_SISMA _DOWN	NonStatic	Min	-1822.079	0.000	-263.402	0.0000
44	44	SLE_SISMA _UP	NonStatic	Max	1652.563	0.000	262.634	0.0000
44	1	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
44	44	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
44	1	SLE_SISMA _UP	NonStatic	Min	-1652.563	0.000	-239.255	0.0000
44	44	SLU_SISMA _DOWN	NonStatic	Max	1772.397	0.000	200.846	0.0000
44	1	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
44	44	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
44	1	SLU_SISMA _DOWN	NonStatic	Min	-1772.397	0.000	-174.099	0.0000
44	44	SLU_SISMA _UP	NonStatic	Max	1404.334	0.000	148.373	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
44	1	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
44	44	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
44	1	SLU_SISMA _UP	NonStatic	Min	-1404.334	0.000	-125.588	0.0000
45	2	SLE	NonStatic	Max	2368.742	0.000	0.000	0.0000
45	43	SLE	NonStatic	Max	0.000	0.000	1308.087	0.0000
45	2	SLE	NonStatic	Min	0.000	0.000	-1251.786	0.0000
45	43	SLE	NonStatic	Min	-2368.742	0.000	0.000	0.0000
45	2	SLE_SISMA _DOWN	NonStatic	Max	2514.400	0.000	0.000	0.0000
45	43	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	1387.693	0.0000
45	2	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	-1329.591	0.0000
45	43	SLE_SISMA _DOWN	NonStatic	Min	-2514.400	0.000	0.000	0.0000
45	2	SLE_SISMA _UP	NonStatic	Max	2338.157	0.000	0.000	0.0000
45	43	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	1289.984	0.0000
45	2	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	-1236.836	0.0000
45	43	SLE_SISMA _UP	NonStatic	Min	-2338.157	0.000	0.000	0.0000
45	2	SLU_SISMA _DOWN	NonStatic	Max	2718.288	0.000	0.000	0.0000
45	43	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	1499.214	0.0000
45	2	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	-1438.409	0.0000
45	43	SLU_SISMA _DOWN	NonStatic	Min	-2718.288	0.000	0.000	0.0000
45	2	SLU_SISMA _UP	NonStatic	Max	2335.710	0.000	0.000	0.0000
45	43	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	1287.986	0.0000
45	2	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	-1236.190	0.0000
45	43	SLU_SISMA _UP	NonStatic	Min	-2335.710	0.000	0.000	0.0000
46	28	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000
46	31	SLE	NonStatic	Max	2368.726	0.000	1308.099	0.0000
46	28	SLE	NonStatic	Min	-2368.726	0.000	-1251.799	0.0000
46	31	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000
46	28	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000
46	31	SLE_SISMA _DOWN	NonStatic	Max	2376.022	0.000	1312.942	0.0000
46	28	SLE_SISMA _DOWN	NonStatic	Min	-2376.022	0.000	-1254.841	0.0000
46	31	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
46	28	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
46	31	SLE_SISMA _UP	NonStatic	Max	2200.389	0.000	1215.560	0.0000
46	28	SLE_SISMA _UP	NonStatic	Min	-2200.389	0.000	-1162.414	0.0000
46	31	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000
46	28	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m
46	31	SLU_SISMA _DOWN	NonStatic	Max	2424.263	0.000	1340.360	0.0000
46	28	SLU_SISMA _DOWN	NonStatic	Min	-2424.263	0.000	-1279.557	0.0000
46	31	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000
46	28	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000
46	31	SLU_SISMA _UP	NonStatic	Max	2057.487	0.000	1137.667	0.0000
46	28	SLU_SISMA _UP	NonStatic	Min	-2057.487	0.000	-1085.872	0.0000
46	31	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000

Table: Element Joint Forces - Frames, Part 2 of 2

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem
1	1	SLE	Max	0.0000	0.0000	1-1
1	2	SLE	Max	3340.9678	0.0000	1-1
1	1	SLE	Min	-1711.8122	0.0000	1-1
1	2	SLE	Min	0.0000	0.0000	1-1
1	1	SLE_SISMA _DOWN	Max	0.0000	0.0000	1-1
1	2	SLE_SISMA _DOWN	Max	3467.9076	0.0000	1-1
1	1	SLE_SISMA _DOWN	Min	-1784.7147	0.0000	1-1
1	2	SLE_SISMA _DOWN	Min	0.0000	0.0000	1-1
1	1	SLE_SISMA _UP	Max	0.0000	0.0000	1-1
1	2	SLE_SISMA _UP	Max	3173.8860	0.0000	1-1
1	1	SLE_SISMA _UP	Min	-1641.9263	0.0000	1-1
1	2	SLE_SISMA _UP	Min	0.0000	0.0000	1-1
1	1	SLU_SISMA _DOWN	Max	0.0000	0.0000	1-1
1	2	SLU_SISMA _DOWN	Max	3491.8666	0.0000	1-1
1	1	SLU_SISMA _DOWN	Min	-1835.1803	0.0000	1-1
1	2	SLU_SISMA _DOWN	Min	0.0000	0.0000	1-1
1	1	SLU_SISMA _UP	Max	0.0000	0.0000	1-1
1	2	SLU_SISMA _UP	Max	2853.9365	0.0000	1-1
1	1	SLU_SISMA _UP	Min	-1525.6162	0.0000	1-1
1	2	SLU_SISMA _UP	Min	0.0000	0.0000	1-1
2	2	SLE	Max	0.0000	0.0000	2-1
2	3	SLE	Max	2963.4142	0.0000	2-1
2	2	SLE	Min	-3340.9678	0.0000	2-1
2	3	SLE	Min	0.0000	0.0000	2-1
2	2	SLE_SISMA _DOWN	Max	0.0000	0.0000	2-1

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2	M3	FrameElem
				KN-m	KN-m	
2	3	SLE_SISMA _DOWN	Max	3018.8855	0.0000	2-1
2	2	SLE_SISMA _DOWN	Min	-3467.9076	0.0000	2-1
2	3	SLE_SISMA _DOWN	Min	0.0000	0.0000	2-1
2	2	SLE_SISMA _UP	Max	0.0000	0.0000	2-1
2	3	SLE_SISMA _UP	Max	2730.8841	0.0000	2-1
2	2	SLE_SISMA _UP	Min	-3173.8860	0.0000	2-1
2	3	SLE_SISMA _UP	Min	0.0000	0.0000	2-1
2	2	SLU_SISMA _DOWN	Max	0.0000	0.0000	2-1
2	3	SLU_SISMA _DOWN	Max	2868.9774	0.0000	2-1
2	2	SLU_SISMA _DOWN	Min	-3491.8666	0.0000	2-1
2	3	SLU_SISMA _DOWN	Min	0.0000	0.0000	2-1
2	2	SLU_SISMA _UP	Max	0.0000	0.0000	2-1
2	3	SLU_SISMA _UP	Max	2244.0372	0.0000	2-1
2	2	SLU_SISMA _UP	Min	-2853.9365	0.0000	2-1
2	3	SLU_SISMA _UP	Min	0.0000	0.0000	2-1
3	3	SLE	Max	0.0000	0.0000	3-1
3	4	SLE	Max	2688.8820	0.0000	3-1
3	3	SLE	Min	-2963.4142	0.0000	3-1
3	4	SLE	Min	0.0000	0.0000	3-1
3	3	SLE_SISMA _DOWN	Max	0.0000	0.0000	3-1
3	4	SLE_SISMA _DOWN	Max	2676.7058	0.0000	3-1
3	3	SLE_SISMA _DOWN	Min	-3018.8855	0.0000	3-1
3	4	SLE_SISMA _DOWN	Min	0.0000	0.0000	3-1
3	3	SLE_SISMA _UP	Max	0.0000	0.0000	3-1
3	4	SLE_SISMA _UP	Max	2394.7247	0.0000	3-1
3	3	SLE_SISMA _UP	Min	-2730.8841	0.0000	3-1
3	4	SLE_SISMA _UP	Min	0.0000	0.0000	3-1
3	3	SLU_SISMA _DOWN	Max	0.0000	0.0000	3-1
3	4	SLU_SISMA _DOWN	Max	2386.9691	0.0000	3-1
3	3	SLU_SISMA _DOWN	Min	-2868.9774	0.0000	3-1
3	4	SLU_SISMA _DOWN	Min	0.0000	0.0000	3-1
3	3	SLU_SISMA _UP	Max	0.0000	0.0000	3-1
3	4	SLU_SISMA _UP	Max	1775.0188	0.0000	3-1
3	3	SLU_SISMA _UP	Min	-2244.0372	0.0000	3-1

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2	M3	FrameElem
				KN-m	KN-m	
3	4	SLU_SISMA _UP	Min	0.0000	0.0000	3-1
4	4	SLE	Max	0.0000	0.0000	4-1
4	5	SLE	Max	2511.8175	0.0000	4-1
4	4	SLE	Min	-2688.8820	0.0000	4-1
4	5	SLE	Min	0.0000	0.0000	4-1
4	4	SLE_SISMA _DOWN	Max	0.0000	0.0000	4-1
4	5	SLE_SISMA _DOWN	Max	2435.2547	0.0000	4-1
4	4	SLE_SISMA _DOWN	Min	-2676.7058	0.0000	4-1
4	5	SLE_SISMA _DOWN	Min	0.0000	0.0000	4-1
4	4	SLE_SISMA _UP	Max	0.0000	0.0000	4-1
4	5	SLE_SISMA _UP	Max	2159.2939	0.0000	4-1
4	4	SLE_SISMA _UP	Min	-2394.7247	0.0000	4-1
4	5	SLE_SISMA _UP	Min	0.0000	0.0000	4-1
4	4	SLU_SISMA _DOWN	Max	0.0000	0.0000	4-1
4	5	SLU_SISMA _DOWN	Max	2038.5111	0.0000	4-1
4	4	SLU_SISMA _DOWN	Min	-2386.9691	0.0000	4-1
4	5	SLU_SISMA _DOWN	Min	0.0000	0.0000	4-1
4	4	SLU_SISMA _UP	Max	0.0000	0.0000	4-1
4	5	SLU_SISMA _UP	Max	1439.5506	0.0000	4-1
4	4	SLU_SISMA _UP	Min	-1775.0188	0.0000	4-1
4	5	SLU_SISMA _UP	Min	0.0000	0.0000	4-1
5	5	SLE	Max	0.0000	0.0000	5-1
5	6	SLE	Max	2265.0680	0.0000	5-1
5	5	SLE	Min	-2511.8175	0.0000	5-1
5	6	SLE	Min	0.0000	0.0000	5-1
5	5	SLE_SISMA _DOWN	Max	0.0000	0.0000	5-1
5	6	SLE_SISMA _DOWN	Max	2114.6868	0.0000	5-1
5	5	SLE_SISMA _DOWN	Min	-2435.2547	0.0000	5-1
5	6	SLE_SISMA _DOWN	Min	0.0000	0.0000	5-1
5	5	SLE_SISMA _UP	Max	0.0000	0.0000	5-1
5	6	SLE_SISMA _UP	Max	1857.1381	0.0000	5-1
5	5	SLE_SISMA _UP	Min	-2159.2939	0.0000	5-1
5	6	SLE_SISMA _UP	Min	0.0000	0.0000	5-1
5	5	SLU_SISMA _DOWN	Max	0.0000	0.0000	5-1
5	6	SLU_SISMA _DOWN	Max	1624.4702	0.0000	5-1
5	5	SLU_SISMA _DOWN	Min	-2038.5111	0.0000	5-1

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2	M3	FrameElem
				KN-m	KN-m	
5	6	SLU_SISMA _DOWN	Min	0.0000	0.0000	5-1
5	5	SLU_SISMA _UP	Max	0.0000	0.0000	5-1
5	6	SLU_SISMA _UP	Max	1065.6513	0.0000	5-1
5	5	SLU_SISMA _UP	Min	-1439.5506	0.0000	5-1
5	6	SLU_SISMA _UP	Min	0.0000	0.0000	5-1
6	6	SLE	Max	0.0000	0.0000	6-1
6	7	SLE	Max	1890.5385	0.0000	6-1
6	6	SLE	Min	-2265.0680	0.0000	6-1
6	7	SLE	Min	0.0000	0.0000	6-1
6	6	SLE_SISMA _DOWN	Max	0.0000	0.0000	6-1
6	7	SLE_SISMA _DOWN	Max	1686.5914	0.0000	6-1
6	6	SLE_SISMA _DOWN	Min	-2114.6868	0.0000	6-1
6	7	SLE_SISMA _DOWN	Min	0.0000	0.0000	6-1
6	6	SLE_SISMA _UP	Max	0.0000	0.0000	6-1
6	7	SLE_SISMA _UP	Max	1465.6248	0.0000	6-1
6	6	SLE_SISMA _UP	Min	-1857.1381	0.0000	6-1
6	7	SLE_SISMA _UP	Min	0.0000	0.0000	6-1
6	6	SLU_SISMA _DOWN	Max	0.0000	0.0000	6-1
6	7	SLU_SISMA _DOWN	Max	1155.9646	0.0000	6-1
6	6	SLU_SISMA _DOWN	Min	-1624.4702	0.0000	6-1
6	7	SLU_SISMA _DOWN	Min	0.0000	0.0000	6-1
6	6	SLU_SISMA _UP	Max	0.0000	0.0000	6-1
6	7	SLU_SISMA _UP	Max	677.5361	0.0000	6-1
6	6	SLU_SISMA _UP	Min	-1065.6513	0.0000	6-1
6	7	SLU_SISMA _UP	Min	0.0000	0.0000	6-1
7	7	SLE	Max	0.0000	0.0000	7-1
7	8	SLE	Max	1430.2420	0.0000	7-1
7	7	SLE	Min	-1890.5385	0.0000	7-1
7	8	SLE	Min	0.0000	0.0000	7-1
7	7	SLE_SISMA _DOWN	Max	0.0000	0.0000	7-1
7	8	SLE_SISMA _DOWN	Max	1194.3209	0.0000	7-1
7	7	SLE_SISMA _DOWN	Min	-1686.5914	0.0000	7-1
7	8	SLE_SISMA _DOWN	Min	0.0000	0.0000	7-1
7	7	SLE_SISMA _UP	Max	0.0000	0.0000	7-1
7	8	SLE_SISMA _UP	Max	1022.6489	0.0000	7-1
7	7	SLE_SISMA _UP	Min	-1465.6248	0.0000	7-1

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2	M3	FrameElem
				KN-m	KN-m	
7	8	SLE_SISMA _UP	Min	0.0000	0.0000	7-1
7	7	SLU_SISMA _DOWN	Max	0.0000	0.0000	7-1
7	8	SLU_SISMA _DOWN	Max	671.7476	0.0000	7-1
7	7	SLU_SISMA _DOWN	Min	-1155.9646	0.0000	7-1
7	8	SLU_SISMA _DOWN	Min	0.0000	0.0000	7-1
7	7	SLU_SISMA _UP	Max	0.0000	0.0000	7-1
7	8	SLU_SISMA _UP	Max	302.2281	0.0000	7-1
7	7	SLU_SISMA _UP	Min	-677.5361	0.0000	7-1
7	8	SLU_SISMA _UP	Min	0.0000	0.0000	7-1
8	8	SLE	Max	0.0000	0.0000	8-1
8	9	SLE	Max	938.1872	0.0000	8-1
8	8	SLE	Min	-1430.2420	0.0000	8-1
8	9	SLE	Min	0.0000	0.0000	8-1
8	8	SLE_SISMA _DOWN	Max	0.0000	0.0000	8-1
8	9	SLE_SISMA _DOWN	Max	691.8630	0.0000	8-1
8	8	SLE_SISMA _DOWN	Min	-1194.3209	0.0000	8-1
8	9	SLE_SISMA _DOWN	Min	0.0000	0.0000	8-1
8	8	SLE_SISMA _UP	Max	0.0000	0.0000	8-1
8	9	SLE_SISMA _UP	Max	575.4935	0.0000	8-1
8	8	SLE_SISMA _UP	Min	-1022.6489	0.0000	8-1
8	9	SLE_SISMA _UP	Min	0.0000	0.0000	8-1
8	8	SLU_SISMA _DOWN	Max	0.0000	0.0000	8-1
8	9	SLU_SISMA _DOWN	Max	218.0313	0.0000	8-1
8	8	SLU_SISMA _DOWN	Min	-671.7476	0.0000	8-1
8	9	SLU_SISMA _DOWN	Min	0.0000	0.0000	8-1
8	8	SLU_SISMA _UP	Max	0.0000	0.0000	8-1
8	9	SLU_SISMA _UP	Max	0.0000	0.0000	8-1
8	8	SLU_SISMA _UP	Min	-302.2281	0.0000	8-1
8	9	SLU_SISMA _UP	Min	-28.7051	0.0000	8-1
9	9	SLE	Max	0.0000	0.0000	9-1
9	10	SLE	Max	465.4619	0.0000	9-1
9	9	SLE	Min	-938.1872	0.0000	9-1
9	10	SLE	Min	0.0000	0.0000	9-1
9	9	SLE_SISMA _DOWN	Max	0.0000	0.0000	9-1
9	10	SLE_SISMA _DOWN	Max	228.2147	0.0000	9-1
9	9	SLE_SISMA _DOWN	Min	-691.8630	0.0000	9-1

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2	M3	FrameElem
				KN-m	KN-m	
9	10	SLE_SISMA_DOWN	Min	0.0000	0.0000	9-1
9	9	SLE_SISMA_UP	Max	0.0000	0.0000	9-1
9	10	SLE_SISMA_UP	Max	167.1207	0.0000	9-1
9	9	SLE_SISMA_UP	Min	-575.4935	0.0000	9-1
9	10	SLE_SISMA_UP	Min	0.0000	0.0000	9-1
9	9	SLU_SISMA_DOWN	Max	0.0000	0.0000	9-1
9	10	SLU_SISMA_DOWN	Max	0.0000	0.0000	9-1
9	9	SLU_SISMA_DOWN	Min	-218.0313	0.0000	9-1
9	10	SLU_SISMA_DOWN	Min	-166.2897	0.0000	9-1
9	9	SLU_SISMA_UP	Max	28.7051	0.0000	9-1
9	10	SLU_SISMA_UP	Max	0.0000	0.0000	9-1
9	9	SLU_SISMA_UP	Min	0.0000	0.0000	9-1
9	10	SLU_SISMA_UP	Min	-290.1354	0.0000	9-1
10	10	SLE	Max	0.0000	0.0000	10-1
10	11	SLE	Max	40.7369	0.0000	10-1
10	10	SLE	Min	-465.4619	0.0000	10-1
10	11	SLE	Min	0.0000	0.0000	10-1
10	10	SLE_SISMA_DOWN	Max	0.0000	0.0000	10-1
10	11	SLE_SISMA_DOWN	Max	0.0000	0.0000	10-1
10	10	SLE_SISMA_DOWN	Min	-228.2147	0.0000	10-1
10	11	SLE_SISMA_DOWN	Min	-170.8572	0.0000	10-1
10	10	SLE_SISMA_UP	Max	0.0000	0.0000	10-1
10	11	SLE_SISMA_UP	Max	0.0000	0.0000	10-1
10	10	SLE_SISMA_UP	Min	-167.1207	0.0000	10-1
10	11	SLE_SISMA_UP	Min	-180.8499	0.0000	10-1
10	10	SLU_SISMA_DOWN	Max	166.2897	0.0000	10-1
10	11	SLU_SISMA_DOWN	Max	0.0000	0.0000	10-1
10	10	SLU_SISMA_DOWN	Min	0.0000	0.0000	10-1
10	11	SLU_SISMA_DOWN	Min	-466.2682	0.0000	10-1
10	10	SLU_SISMA_UP	Max	290.1354	0.0000	10-1
10	11	SLU_SISMA_UP	Max	0.0000	0.0000	10-1
10	10	SLU_SISMA_UP	Min	0.0000	0.0000	10-1
10	11	SLU_SISMA_UP	Min	-476.8519	0.0000	10-1
11	11	SLE	Max	0.0000	0.0000	11-1
11	12	SLE	Max	0.0000	0.0000	11-1
11	11	SLE	Min	-40.7369	0.0000	11-1

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2	M3	FrameElem
				KN-m	KN-m	
11	12	SLE	Min	-314.6058	0.0000	11-1
11	11	SLE_SISMA _DOWN	Max	170.8572	0.0000	11-1
11	12	SLE_SISMA _DOWN	Max	0.0000	0.0000	11-1
11	11	SLE_SISMA _DOWN	Min	0.0000	0.0000	11-1
11	12	SLE_SISMA _DOWN	Min	-487.2853	0.0000	11-1
11	11	SLE_SISMA _UP	Max	180.8499	0.0000	11-1
11	12	SLE_SISMA _UP	Max	0.0000	0.0000	11-1
11	11	SLE_SISMA _UP	Min	0.0000	0.0000	11-1
11	12	SLE_SISMA _UP	Min	-453.7354	0.0000	11-1
11	11	SLU_SISMA _DOWN	Max	466.2682	0.0000	11-1
11	12	SLU_SISMA _DOWN	Max	0.0000	0.0000	11-1
11	11	SLU_SISMA _DOWN	Min	0.0000	0.0000	11-1
11	12	SLU_SISMA _DOWN	Min	-674.4114	0.0000	11-1
11	11	SLU_SISMA _UP	Max	476.8519	0.0000	11-1
11	12	SLU_SISMA _UP	Max	0.0000	0.0000	11-1
11	11	SLU_SISMA _UP	Min	0.0000	0.0000	11-1
11	12	SLU_SISMA _UP	Min	-589.2484	0.0000	11-1
12	12	SLE	Max	314.6058	0.0000	12-1
12	13	SLE	Max	0.0000	0.0000	12-1
12	12	SLE	Min	0.0000	0.0000	12-1
12	13	SLE	Min	-581.9274	0.0000	12-1
12	12	SLE_SISMA _DOWN	Max	487.2853	0.0000	12-1
12	13	SLE_SISMA _DOWN	Max	0.0000	0.0000	12-1
12	12	SLE_SISMA _DOWN	Min	0.0000	0.0000	12-1
12	13	SLE_SISMA _DOWN	Min	-705.8409	0.0000	12-1
12	12	SLE_SISMA _UP	Max	453.7354	0.0000	12-1
12	13	SLE_SISMA _UP	Max	0.0000	0.0000	12-1
12	12	SLE_SISMA _UP	Min	0.0000	0.0000	12-1
12	13	SLE_SISMA _UP	Min	-639.1518	0.0000	12-1
12	12	SLU_SISMA _DOWN	Max	674.4114	0.0000	12-1
12	13	SLU_SISMA _DOWN	Max	0.0000	0.0000	12-1
12	12	SLU_SISMA _DOWN	Min	0.0000	0.0000	12-1
12	13	SLU_SISMA _DOWN	Min	-784.9381	0.0000	12-1
12	12	SLU_SISMA _UP	Max	589.2484	0.0000	12-1
12	13	SLU_SISMA _UP	Max	0.0000	0.0000	12-1

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2	M3	FrameElem
				KN-m	KN-m	
12	12	SLU_SISMA _UP	Min	0.0000	0.0000	12-1
12	13	SLU_SISMA _UP	Min	-628.0169	0.0000	12-1
13	13	SLE	Max	581.9274	0.0000	13-1
13	14	SLE	Max	0.0000	0.0000	13-1
13	13	SLE	Min	0.0000	0.0000	13-1
13	14	SLE	Min	-747.5958	0.0000	13-1
13	13	SLE_SISMA _DOWN	Max	705.8409	0.0000	13-1
13	14	SLE_SISMA _DOWN	Max	0.0000	0.0000	13-1
13	13	SLE_SISMA _DOWN	Min	0.0000	0.0000	13-1
13	14	SLE_SISMA _DOWN	Min	-816.0666	0.0000	13-1
13	13	SLE_SISMA _UP	Max	639.1518	0.0000	13-1
13	14	SLE_SISMA _UP	Max	0.0000	0.0000	13-1
13	13	SLE_SISMA _UP	Min	0.0000	0.0000	13-1
13	14	SLE_SISMA _UP	Min	-728.7128	0.0000	13-1
13	13	SLU_SISMA _DOWN	Max	784.9381	0.0000	13-1
13	14	SLU_SISMA _DOWN	Max	0.0000	0.0000	13-1
13	13	SLU_SISMA _DOWN	Min	0.0000	0.0000	13-1
13	14	SLU_SISMA _DOWN	Min	-795.1354	0.0000	13-1
13	13	SLU_SISMA _UP	Max	628.0169	0.0000	13-1
13	14	SLU_SISMA _UP	Max	0.0000	0.0000	13-1
13	13	SLU_SISMA _UP	Min	0.0000	0.0000	13-1
13	14	SLU_SISMA _UP	Min	-595.0732	0.0000	13-1
14	14	SLE	Max	747.5958	0.0000	14-1
14	15	SLE	Max	0.0000	0.0000	14-1
14	14	SLE	Min	0.0000	0.0000	14-1
14	15	SLE	Min	-803.6715	0.0000	14-1
14	14	SLE_SISMA _DOWN	Max	816.0666	0.0000	14-1
14	15	SLE_SISMA _DOWN	Max	0.0000	0.0000	14-1
14	14	SLE_SISMA _DOWN	Min	0.0000	0.0000	14-1
14	15	SLE_SISMA _DOWN	Min	-812.6461	0.0000	14-1
14	14	SLE_SISMA _UP	Max	728.7128	0.0000	14-1
14	15	SLE_SISMA _UP	Max	0.0000	0.0000	14-1
14	14	SLE_SISMA _UP	Min	0.0000	0.0000	14-1
14	15	SLE_SISMA _UP	Min	-718.3251	0.0000	14-1
14	14	SLU_SISMA _DOWN	Max	795.1354	0.0000	14-1
14	15	SLU_SISMA _DOWN	Max	0.0000	0.0000	14-1

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2	M3	FrameElem
				KN-m	KN-m	
14	14	SLU_SISMA_DOWN	Min	0.0000	0.0000	14-1
14	15	SLU_SISMA_DOWN	Min	-705.2676	0.0000	14-1
14	14	SLU_SISMA_UP	Max	595.0732	0.0000	14-1
14	15	SLU_SISMA_UP	Max	0.0000	0.0000	14-1
14	14	SLU_SISMA_UP	Min	0.0000	0.0000	14-1
14	15	SLU_SISMA_UP	Min	-493.3612	0.0000	14-1
15	15	SLE	Max	803.6715	0.0000	15-1
15	16	SLE	Max	0.0000	0.0000	15-1
15	15	SLE	Min	0.0000	0.0000	15-1
15	16	SLE	Min	-747.5993	0.0000	15-1
15	15	SLE_SISMA_DOWN	Max	812.6461	0.0000	15-1
15	16	SLE_SISMA_DOWN	Max	0.0000	0.0000	15-1
15	15	SLE_SISMA_DOWN	Min	0.0000	0.0000	15-1
15	16	SLE_SISMA_DOWN	Min	-694.9530	0.0000	15-1
15	15	SLE_SISMA_UP	Max	718.3251	0.0000	15-1
15	16	SLE_SISMA_UP	Max	0.0000	0.0000	15-1
15	15	SLE_SISMA_UP	Min	0.0000	0.0000	15-1
15	16	SLE_SISMA_UP	Min	-607.7614	0.0000	15-1
15	15	SLU_SISMA_DOWN	Max	705.2676	0.0000	15-1
15	16	SLU_SISMA_DOWN	Max	0.0000	0.0000	15-1
15	15	SLU_SISMA_DOWN	Min	0.0000	0.0000	15-1
15	16	SLU_SISMA_DOWN	Min	-517.9501	0.0000	15-1
15	15	SLU_SISMA_UP	Max	493.3612	0.0000	15-1
15	16	SLU_SISMA_UP	Max	0.0000	0.0000	15-1
15	15	SLU_SISMA_UP	Min	0.0000	0.0000	15-1
15	16	SLU_SISMA_UP	Min	-326.3058	0.0000	15-1
16	16	SLE	Max	747.5993	0.0000	16-1
16	17	SLE	Max	0.0000	0.0000	16-1
16	16	SLE	Min	0.0000	0.0000	16-1
16	17	SLE	Min	-581.9341	0.0000	16-1
16	16	SLE_SISMA_DOWN	Max	694.9530	0.0000	16-1
16	17	SLE_SISMA_DOWN	Max	0.0000	0.0000	16-1
16	16	SLE_SISMA_DOWN	Min	0.0000	0.0000	16-1
16	17	SLE_SISMA_DOWN	Min	-467.7416	0.0000	16-1
16	16	SLE_SISMA_UP	Max	607.7614	0.0000	16-1
16	17	SLE_SISMA_UP	Max	0.0000	0.0000	16-1

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2	M3	FrameElem
				KN-m	KN-m	
16	16	SLE_SISMA_UP	Min	0.0000	0.0000	16-1
16	17	SLE_SISMA_UP	Min	-401.3731	0.0000	16-1
16	16	SLU_SISMA_DOWN	Max	517.9501	0.0000	16-1
16	17	SLU_SISMA_DOWN	Max	0.0000	0.0000	16-1
16	16	SLU_SISMA_DOWN	Min	0.0000	0.0000	16-1
16	17	SLU_SISMA_DOWN	Min	-240.2879	0.0000	16-1
16	16	SLU_SISMA_UP	Max	326.3058	0.0000	16-1
16	17	SLU_SISMA_UP	Max	0.0000	0.0000	16-1
16	16	SLU_SISMA_UP	Min	0.0000	0.0000	16-1
16	17	SLU_SISMA_UP	Min	-100.0107	0.0000	16-1
17	17	SLE	Max	581.9341	0.0000	17-1
17	18	SLE	Max	0.0000	0.0000	17-1
17	17	SLE	Min	0.0000	0.0000	17-1
17	18	SLE	Min	-314.6153	0.0000	17-1
17	17	SLE_SISMA_DOWN	Max	467.7416	0.0000	17-1
17	18	SLE_SISMA_DOWN	Max	0.0000	0.0000	17-1
17	17	SLE_SISMA_DOWN	Min	0.0000	0.0000	17-1
17	18	SLE_SISMA_DOWN	Min	-142.3971	0.0000	17-1
17	17	SLE_SISMA_UP	Max	401.3731	0.0000	17-1
17	18	SLE_SISMA_UP	Max	0.0000	0.0000	17-1
17	17	SLE_SISMA_UP	Min	0.0000	0.0000	17-1
17	18	SLE_SISMA_UP	Min	-109.3189	0.0000	17-1
17	17	SLU_SISMA_DOWN	Max	240.2879	0.0000	17-1
17	18	SLU_SISMA_DOWN	Max	113.4202	0.0000	17-1
17	17	SLU_SISMA_DOWN	Min	0.0000	0.0000	17-1
17	18	SLU_SISMA_DOWN	Min	0.0000	0.0000	17-1
17	17	SLU_SISMA_UP	Max	100.0107	0.0000	17-1
17	18	SLU_SISMA_UP	Max	174.0926	0.0000	17-1
17	17	SLU_SISMA_UP	Min	0.0000	0.0000	17-1
17	18	SLU_SISMA_UP	Min	0.0000	0.0000	17-1
18	18	SLE	Max	314.6153	0.0000	18-1
18	19	SLE	Max	40.7253	0.0000	18-1
18	18	SLE	Min	0.0000	0.0000	18-1
18	19	SLE	Min	0.0000	0.0000	18-1
18	18	SLE_SISMA_DOWN	Max	142.3971	0.0000	18-1
18	19	SLE_SISMA_DOWN	Max	262.8625	0.0000	18-1

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2	M3	FrameElem
				KN-m	KN-m	
18	18	SLE_SISMA_DOWN	Min	0.0000	0.0000	18-1
18	19	SLE_SISMA_DOWN	Min	0.0000	0.0000	18-1
18	18	SLE_SISMA_UP	Max	109.3189	0.0000	18-1
18	19	SLE_SISMA_UP	Max	252.2575	0.0000	18-1
18	18	SLE_SISMA_UP	Min	0.0000	0.0000	18-1
18	19	SLE_SISMA_UP	Min	0.0000	0.0000	18-1
18	18	SLU_SISMA_DOWN	Max	0.0000	0.0000	18-1
18	19	SLU_SISMA_DOWN	Max	521.6637	0.0000	18-1
18	18	SLU_SISMA_DOWN	Min	-113.4202	0.0000	18-1
18	19	SLU_SISMA_DOWN	Min	0.0000	0.0000	18-1
18	18	SLU_SISMA_UP	Max	0.0000	0.0000	18-1
18	19	SLU_SISMA_UP	Max	479.3009	0.0000	18-1
18	18	SLU_SISMA_UP	Min	-174.0926	0.0000	18-1
18	19	SLU_SISMA_UP	Min	0.0000	0.0000	18-1
19	19	SLE	Max	0.0000	0.0000	19-1
19	20	SLE	Max	465.4492	0.0000	19-1
19	19	SLE	Min	-40.7253	0.0000	19-1
19	20	SLE	Min	0.0000	0.0000	19-1
19	19	SLE_SISMA_DOWN	Max	0.0000	0.0000	19-1
19	20	SLE_SISMA_DOWN	Max	724.0159	0.0000	19-1
19	19	SLE_SISMA_DOWN	Min	-262.8625	0.0000	19-1
19	20	SLE_SISMA_DOWN	Min	0.0000	0.0000	19-1
19	19	SLE_SISMA_UP	Max	0.0000	0.0000	19-1
19	20	SLE_SISMA_UP	Max	662.1831	0.0000	19-1
19	19	SLE_SISMA_UP	Min	-252.2575	0.0000	19-1
19	20	SLE_SISMA_UP	Min	0.0000	0.0000	19-1
19	19	SLU_SISMA_DOWN	Max	0.0000	0.0000	19-1
19	20	SLU_SISMA_DOWN	Max	957.2596	0.0000	19-1
19	19	SLU_SISMA_DOWN	Min	-521.6637	0.0000	19-1
19	20	SLU_SISMA_DOWN	Min	0.0000	0.0000	19-1
19	19	SLU_SISMA_UP	Max	0.0000	0.0000	19-1
19	20	SLU_SISMA_UP	Max	795.0708	0.0000	19-1
19	19	SLU_SISMA_UP	Min	-479.3009	0.0000	19-1
19	20	SLU_SISMA_UP	Min	0.0000	0.0000	19-1
20	20	SLE	Max	0.0000	0.0000	20-1

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2	M3	FrameElem
				KN-m	KN-m	
20	21	SLE	Max	938.1745	0.0000	20-1
20	20	SLE	Min	-465.4492	0.0000	20-1
20	21	SLE	Min	0.0000	0.0000	20-1
20	20	SLE_SISMA _DOWN	Max	0.0000	0.0000	20-1
20	21	SLE_SISMA _DOWN	Max	1213.9855	0.0000	20-1
20	20	SLE_SISMA _DOWN	Min	-724.0159	0.0000	20-1
20	21	SLE_SISMA _DOWN	Min	0.0000	0.0000	20-1
20	20	SLE_SISMA _UP	Max	0.0000	0.0000	20-1
20	21	SLE_SISMA _UP	Max	1096.7674	0.0000	20-1
20	20	SLE_SISMA _UP	Min	-662.1831	0.0000	20-1
20	21	SLE_SISMA _UP	Min	0.0000	0.0000	20-1
20	20	SLU_SISMA _DOWN	Max	0.0000	0.0000	20-1
20	21	SLU_SISMA _DOWN	Max	1390.7243	0.0000	20-1
20	20	SLU_SISMA _DOWN	Min	-957.2596	0.0000	20-1
20	21	SLU_SISMA _DOWN	Min	0.0000	0.0000	20-1
20	20	SLU_SISMA _UP	Max	0.0000	0.0000	20-1
20	21	SLU_SISMA _UP	Max	1099.9547	0.0000	20-1
20	20	SLU_SISMA _UP	Min	-795.0708	0.0000	20-1
20	21	SLU_SISMA _UP	Min	0.0000	0.0000	20-1
21	21	SLE	Max	0.0000	0.0000	21-1
21	22	SLE	Max	1430.2303	0.0000	21-1
21	21	SLE	Min	-938.1745	0.0000	21-1
21	22	SLE	Min	0.0000	0.0000	21-1
21	21	SLE_SISMA _DOWN	Max	0.0000	0.0000	21-1
21	22	SLE_SISMA _DOWN	Max	1698.1074	0.0000	21-1
21	21	SLE_SISMA _DOWN	Min	-1213.9855	0.0000	21-1
21	22	SLE_SISMA _DOWN	Min	0.0000	0.0000	21-1
21	21	SLE_SISMA _UP	Max	0.0000	0.0000	21-1
21	22	SLE_SISMA _UP	Max	1525.4968	0.0000	21-1
21	21	SLE_SISMA _UP	Min	-1096.7674	0.0000	21-1
21	22	SLE_SISMA _UP	Min	0.0000	0.0000	21-1
21	21	SLU_SISMA _DOWN	Max	0.0000	0.0000	21-1
21	22	SLU_SISMA _DOWN	Max	1785.4153	0.0000	21-1
21	21	SLU_SISMA _DOWN	Min	-1390.7243	0.0000	21-1
21	22	SLU_SISMA _DOWN	Min	0.0000	0.0000	21-1
21	21	SLU_SISMA _UP	Max	0.0000	0.0000	21-1

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2	M3	FrameElem
				KN-m	KN-m	
21	22	SLU_SISMA_UP	Max	1367.2010	0.0000	21-1
21	21	SLU_SISMA_UP	Min	-1099.9547	0.0000	21-1
21	22	SLU_SISMA_UP	Min	0.0000	0.0000	21-1
22	22	SLE	Max	0.0000	0.0000	22-1
22	23	SLE	Max	1890.5290	0.0000	22-1
22	22	SLE	Min	-1430.2303	0.0000	22-1
22	23	SLE	Min	0.0000	0.0000	22-1
22	22	SLE_SISMA_DOWN	Max	0.0000	0.0000	22-1
22	23	SLE_SISMA_DOWN	Max	2118.4865	0.0000	22-1
22	22	SLE_SISMA_DOWN	Min	-1698.1074	0.0000	22-1
22	23	SLE_SISMA_DOWN	Min	0.0000	0.0000	22-1
22	22	SLE_SISMA_UP	Max	0.0000	0.0000	22-1
22	23	SLE_SISMA_UP	Max	1896.5148	0.0000	22-1
22	22	SLE_SISMA_UP	Min	-1525.4968	0.0000	22-1
22	23	SLE_SISMA_UP	Min	0.0000	0.0000	22-1
22	22	SLU_SISMA_DOWN	Max	0.0000	0.0000	22-1
22	23	SLU_SISMA_DOWN	Max	2081.1960	0.0000	22-1
22	22	SLU_SISMA_DOWN	Min	-1785.4153	0.0000	22-1
22	23	SLU_SISMA_DOWN	Min	0.0000	0.0000	22-1
22	22	SLU_SISMA_UP	Max	0.0000	0.0000	22-1
22	23	SLU_SISMA_UP	Max	1559.6101	0.0000	22-1
22	22	SLU_SISMA_UP	Min	-1367.2010	0.0000	22-1
22	23	SLU_SISMA_UP	Min	0.0000	0.0000	22-1
23	23	SLE	Max	0.0000	0.0000	23-1
23	24	SLE	Max	2265.0623	0.0000	23-1
23	23	SLE	Min	-1890.5290	0.0000	23-1
23	24	SLE	Min	0.0000	0.0000	23-1
23	23	SLE_SISMA_DOWN	Max	0.0000	0.0000	23-1
23	24	SLE_SISMA_DOWN	Max	2416.6235	0.0000	23-1
23	23	SLE_SISMA_DOWN	Min	-2118.4865	0.0000	23-1
23	24	SLE_SISMA_DOWN	Min	0.0000	0.0000	23-1
23	23	SLE_SISMA_UP	Max	0.0000	0.0000	23-1
23	24	SLE_SISMA_UP	Max	2158.0289	0.0000	23-1
23	23	SLE_SISMA_UP	Min	-1896.5148	0.0000	23-1
23	24	SLE_SISMA_UP	Min	0.0000	0.0000	23-1
23	23	SLU_SISMA_DOWN	Max	0.0000	0.0000	23-1

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2	M3	FrameElem
				KN-m	KN-m	
23	24	SLU_SISMA_DOWN	Max	2256.1467	0.0000	23-1
23	23	SLU_SISMA_DOWN	Min	-2081.1960	0.0000	23-1
23	24	SLU_SISMA_DOWN	Min	0.0000	0.0000	23-1
23	23	SLU_SISMA_UP	Max	0.0000	0.0000	23-1
23	24	SLU_SISMA_UP	Max	1670.4217	0.0000	23-1
23	23	SLU_SISMA_UP	Min	-1559.6101	0.0000	23-1
23	24	SLU_SISMA_UP	Min	0.0000	0.0000	23-1
24	24	SLE	Max	0.0000	0.0000	24-1
24	25	SLE	Max	2511.8208	0.0000	24-1
24	24	SLE	Min	-2265.0623	0.0000	24-1
24	25	SLE	Min	0.0000	0.0000	24-1
24	24	SLE_SISMA_DOWN	Max	0.0000	0.0000	24-1
24	25	SLE_SISMA_DOWN	Max	2573.3683	0.0000	24-1
24	24	SLE_SISMA_DOWN	Min	-2416.6235	0.0000	24-1
24	25	SLE_SISMA_DOWN	Min	0.0000	0.0000	24-1
24	24	SLE_SISMA_UP	Max	0.0000	0.0000	24-1
24	25	SLE_SISMA_UP	Max	2297.0873	0.0000	24-1
24	24	SLE_SISMA_UP	Min	-2158.0289	0.0000	24-1
24	25	SLE_SISMA_UP	Min	0.0000	0.0000	24-1
24	24	SLU_SISMA_DOWN	Max	0.0000	0.0000	24-1
24	25	SLU_SISMA_DOWN	Max	2335.1603	0.0000	24-1
24	24	SLU_SISMA_DOWN	Min	-2256.1467	0.0000	24-1
24	25	SLU_SISMA_DOWN	Min	0.0000	0.0000	24-1
24	24	SLU_SISMA_UP	Max	0.0000	0.0000	24-1
24	25	SLU_SISMA_UP	Max	1729.4453	0.0000	24-1
24	24	SLU_SISMA_UP	Min	-1670.4217	0.0000	24-1
24	25	SLU_SISMA_UP	Min	0.0000	0.0000	24-1
25	25	SLE	Max	0.0000	0.0000	25-1
25	26	SLE	Max	2688.8660	0.0000	25-1
25	25	SLE	Min	-2511.8208	0.0000	25-1
25	26	SLE	Min	0.0000	0.0000	25-1
25	25	SLE_SISMA_DOWN	Max	0.0000	0.0000	25-1
25	26	SLE_SISMA_DOWN	Max	2699.4314	0.0000	25-1
25	25	SLE_SISMA_DOWN	Min	-2573.3683	0.0000	25-1
25	26	SLE_SISMA_DOWN	Min	0.0000	0.0000	25-1
25	25	SLE_SISMA_UP	Max	0.0000	0.0000	25-1

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2	M3	FrameElem
				KN-m	KN-m	
25	26	SLE_SISMA_UP	Max	2418.0092	0.0000	25-1
25	25	SLE_SISMA_UP	Min	-2297.0873	0.0000	25-1
25	26	SLE_SISMA_UP	Min	0.0000	0.0000	25-1
25	25	SLU_SISMA_DOWN	Max	0.0000	0.0000	25-1
25	26	SLU_SISMA_DOWN	Max	2449.9832	0.0000	25-1
25	25	SLU_SISMA_DOWN	Min	-2335.1603	0.0000	25-1
25	26	SLU_SISMA_DOWN	Min	0.0000	0.0000	25-1
25	25	SLU_SISMA_UP	Max	0.0000	0.0000	25-1
25	26	SLU_SISMA_UP	Max	1844.2226	0.0000	25-1
25	25	SLU_SISMA_UP	Min	-1729.4453	0.0000	25-1
25	26	SLU_SISMA_UP	Min	0.0000	0.0000	25-1
26	26	SLE	Max	0.0000	0.0000	26-1
26	27	SLE	Max	2963.4014	0.0000	26-1
26	26	SLE	Min	-2688.8660	0.0000	26-1
26	27	SLE	Min	0.0000	0.0000	26-1
26	26	SLE_SISMA_DOWN	Max	0.0000	0.0000	26-1
26	27	SLE_SISMA_DOWN	Max	2949.4092	0.0000	26-1
26	26	SLE_SISMA_DOWN	Min	-2699.4314	0.0000	26-1
26	27	SLE_SISMA_DOWN	Min	0.0000	0.0000	26-1
26	26	SLE_SISMA_UP	Max	0.0000	0.0000	26-1
26	27	SLE_SISMA_UP	Max	2662.4230	0.0000	26-1
26	26	SLE_SISMA_UP	Min	-2418.0092	0.0000	26-1
26	27	SLE_SISMA_UP	Min	0.0000	0.0000	26-1
26	26	SLU_SISMA_DOWN	Max	0.0000	0.0000	26-1
26	27	SLU_SISMA_DOWN	Max	2740.4386	0.0000	26-1
26	26	SLU_SISMA_DOWN	Min	-2449.9832	0.0000	26-1
26	27	SLU_SISMA_DOWN	Min	0.0000	0.0000	26-1
26	26	SLU_SISMA_UP	Max	0.0000	0.0000	26-1
26	27	SLU_SISMA_UP	Max	2131.1234	0.0000	26-1
26	26	SLU_SISMA_UP	Min	-1844.2226	0.0000	26-1
26	27	SLU_SISMA_UP	Min	0.0000	0.0000	26-1
27	27	SLE	Max	0.0000	0.0000	27-1
27	28	SLE	Max	3340.9588	0.0000	27-1
27	27	SLE	Min	-2963.4014	0.0000	27-1
27	28	SLE	Min	0.0000	0.0000	27-1
27	27	SLE_SISMA_DOWN	Max	0.0000	0.0000	27-1

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2	M3	FrameElem
				KN-m	KN-m	
27	28	SLE_SISMA_DOWN	Max	3327.1024	0.0000	27-1
27	27	SLE_SISMA_DOWN	Min	-2949.4092	0.0000	27-1
27	28	SLE_SISMA_DOWN	Min	0.0000	0.0000	27-1
27	27	SLE_SISMA_UP	Max	0.0000	0.0000	27-1
27	28	SLE_SISMA_UP	Max	3034.2162	0.0000	27-1
27	27	SLE_SISMA_UP	Min	-2662.4230	0.0000	27-1
27	28	SLE_SISMA_UP	Min	0.0000	0.0000	27-1
27	27	SLU_SISMA_DOWN	Max	0.0000	0.0000	27-1
27	28	SLU_SISMA_DOWN	Max	3209.3112	0.0000	27-1
27	27	SLU_SISMA_DOWN	Min	-2740.4386	0.0000	27-1
27	28	SLU_SISMA_DOWN	Min	0.0000	0.0000	27-1
27	27	SLU_SISMA_UP	Max	0.0000	0.0000	27-1
27	28	SLU_SISMA_UP	Max	2593.1375	0.0000	27-1
27	27	SLU_SISMA_UP	Min	-2131.1234	0.0000	27-1
27	28	SLU_SISMA_UP	Min	0.0000	0.0000	27-1
28	28	SLE	Max	0.0000	0.0000	28-1
28	29	SLE	Max	1711.8209	0.0000	28-1
28	28	SLE	Min	-3340.9588	0.0000	28-1
28	29	SLE	Min	0.0000	0.0000	28-1
28	28	SLE_SISMA_DOWN	Max	0.0000	0.0000	28-1
28	29	SLE_SISMA_DOWN	Max	1714.4471	0.0000	28-1
28	28	SLE_SISMA_DOWN	Min	-3327.1024	0.0000	28-1
28	29	SLE_SISMA_DOWN	Min	0.0000	0.0000	28-1
28	28	SLE_SISMA_UP	Max	0.0000	0.0000	28-1
28	29	SLE_SISMA_UP	Max	1572.1544	0.0000	28-1
28	28	SLE_SISMA_UP	Min	-3034.2162	0.0000	28-1
28	29	SLE_SISMA_UP	Min	0.0000	0.0000	28-1
28	28	SLU_SISMA_DOWN	Max	0.0000	0.0000	28-1
28	29	SLU_SISMA_DOWN	Max	1693.9941	0.0000	28-1
28	28	SLU_SISMA_DOWN	Min	-3209.3112	0.0000	28-1
28	29	SLU_SISMA_DOWN	Min	0.0000	0.0000	28-1
28	28	SLU_SISMA_UP	Max	0.0000	0.0000	28-1
28	29	SLU_SISMA_UP	Max	1395.1866	0.0000	28-1
28	28	SLU_SISMA_UP	Min	-2593.1375	0.0000	28-1

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2	M3	FrameElem
				KN-m	KN-m	
28	29	SLU_SISMA _UP	Min	0.0000	0.0000	28-1
29	29	SLE	Max	0.0000	0.0000	29-1
29	30	SLE	Max	1425.4554	0.0000	29-1
29	29	SLE	Min	-1711.8209	0.0000	29-1
29	30	SLE	Min	0.0000	0.0000	29-1
29	29	SLE_SISMA _DOWN	Max	0.0000	0.0000	29-1
29	30	SLE_SISMA _DOWN	Max	1348.6191	0.0000	29-1
29	29	SLE_SISMA _DOWN	Min	-1714.4471	0.0000	29-1
29	30	SLE_SISMA _DOWN	Min	0.0000	0.0000	29-1
29	29	SLE_SISMA _UP	Max	0.0000	0.0000	29-1
29	30	SLE_SISMA _UP	Max	1227.3529	0.0000	29-1
29	29	SLE_SISMA _UP	Min	-1572.1544	0.0000	29-1
29	30	SLE_SISMA _UP	Min	0.0000	0.0000	29-1
29	29	SLU_SISMA _DOWN	Max	0.0000	0.0000	29-1
29	30	SLU_SISMA _DOWN	Max	1221.6552	0.0000	29-1
29	29	SLU_SISMA _DOWN	Min	-1693.9941	0.0000	29-1
29	30	SLU_SISMA _DOWN	Min	0.0000	0.0000	29-1
29	29	SLU_SISMA _UP	Max	0.0000	0.0000	29-1
29	30	SLU_SISMA _UP	Max	971.9254	0.0000	29-1
29	29	SLU_SISMA _UP	Min	-1395.1866	0.0000	29-1
29	30	SLU_SISMA _UP	Min	0.0000	0.0000	29-1
30	30	SLE	Max	0.0000	0.0000	30-1
30	31	SLE	Max	1307.9159	0.0000	30-1
30	30	SLE	Min	-1425.4554	0.0000	30-1
30	31	SLE	Min	0.0000	0.0000	30-1
30	30	SLE_SISMA _DOWN	Max	0.0000	0.0000	30-1
30	31	SLE_SISMA _DOWN	Max	1166.9949	0.0000	30-1
30	30	SLE_SISMA _DOWN	Min	-1348.6191	0.0000	30-1
30	31	SLE_SISMA _DOWN	Min	0.0000	0.0000	30-1
30	30	SLE_SISMA _UP	Max	0.0000	0.0000	30-1
30	31	SLE_SISMA _UP	Max	1053.9363	0.0000	30-1
30	30	SLE_SISMA _UP	Min	-1227.3529	0.0000	30-1
30	31	SLE_SISMA _UP	Min	0.0000	0.0000	30-1
30	30	SLU_SISMA _DOWN	Max	0.0000	0.0000	30-1
30	31	SLU_SISMA _DOWN	Max	955.5507	0.0000	30-1
30	30	SLU_SISMA _DOWN	Min	-1221.6552	0.0000	30-1

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2	M3	FrameElem
				KN-m	KN-m	
30	31	SLU_SISMA _DOWN	Min	0.0000	0.0000	30-1
30	30	SLU_SISMA _UP	Max	0.0000	0.0000	30-1
30	31	SLU_SISMA _UP	Max	727.6899	0.0000	30-1
30	30	SLU_SISMA _UP	Min	-971.9254	0.0000	30-1
30	31	SLU_SISMA _UP	Min	0.0000	0.0000	30-1
31	31	SLE	Max	0.0000	0.0000	31-1
31	32	SLE	Max	377.3917	0.0000	31-1
31	31	SLE	Min	-1307.9159	0.0000	31-1
31	32	SLE	Min	0.0000	0.0000	31-1
31	31	SLE_SISMA _DOWN	Max	0.0000	0.0000	31-1
31	32	SLE_SISMA _DOWN	Max	199.6015	0.0000	31-1
31	31	SLE_SISMA _DOWN	Min	-1166.9949	0.0000	31-1
31	32	SLE_SISMA _DOWN	Min	0.0000	0.0000	31-1
31	31	SLE_SISMA _UP	Max	0.0000	0.0000	31-1
31	32	SLE_SISMA _UP	Max	170.2254	0.0000	31-1
31	31	SLE_SISMA _UP	Min	-1053.9363	0.0000	31-1
31	32	SLE_SISMA _UP	Min	0.0000	0.0000	31-1
31	31	SLU_SISMA _DOWN	Max	0.0000	0.0000	31-1
31	32	SLU_SISMA _DOWN	Max	0.0000	0.0000	31-1
31	31	SLU_SISMA _DOWN	Min	-955.5507	0.0000	31-1
31	32	SLU_SISMA _DOWN	Min	-24.1997	0.0000	31-1
31	31	SLU_SISMA _UP	Max	0.0000	0.0000	31-1
31	32	SLU_SISMA _UP	Max	0.0000	0.0000	31-1
31	31	SLU_SISMA _UP	Min	-727.6899	0.0000	31-1
31	32	SLU_SISMA _UP	Min	-73.0133	0.0000	31-1
32	32	SLE	Max	0.0000	0.0000	32-1
32	33	SLE	Max	0.0000	0.0000	32-1
32	32	SLE	Min	-377.3917	0.0000	32-1
32	33	SLE	Min	-387.9408	0.0000	32-1
32	32	SLE_SISMA _DOWN	Max	0.0000	0.0000	32-1
32	33	SLE_SISMA _DOWN	Max	0.0000	0.0000	32-1
32	32	SLE_SISMA _DOWN	Min	-199.6015	0.0000	32-1
32	33	SLE_SISMA _DOWN	Min	-573.0504	0.0000	32-1
32	32	SLE_SISMA _UP	Max	0.0000	0.0000	32-1
32	33	SLE_SISMA _UP	Max	0.0000	0.0000	32-1
32	32	SLE_SISMA _UP	Min	-170.2254	0.0000	32-1

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem
32	33	SLE_SISMA _UP	Min	-533.7475	0.0000	32-1
32	32	SLU_SISMA _DOWN	Max	24.1997	0.0000	32-1
32	33	SLU_SISMA _DOWN	Max	0.0000	0.0000	32-1
32	32	SLU_SISMA _DOWN	Min	0.0000	0.0000	32-1
32	33	SLU_SISMA _DOWN	Min	-776.8977	0.0000	32-1
32	32	SLU_SISMA _UP	Max	73.0133	0.0000	32-1
32	33	SLU_SISMA _UP	Max	0.0000	0.0000	32-1
32	32	SLU_SISMA _UP	Min	0.0000	0.0000	32-1
32	33	SLU_SISMA _UP	Min	-679.9454	0.0000	32-1
33	33	SLE	Max	387.9408	0.0000	33-1
33	34	SLE	Max	0.0000	0.0000	33-1
33	33	SLE	Min	0.0000	0.0000	33-1
33	34	SLE	Min	-984.9273	0.0000	33-1
33	33	SLE_SISMA _DOWN	Max	573.0504	0.0000	33-1
33	34	SLE_SISMA _DOWN	Max	0.0000	0.0000	33-1
33	33	SLE_SISMA _DOWN	Min	0.0000	0.0000	33-1
33	34	SLE_SISMA _DOWN	Min	-1153.0838	0.0000	33-1
33	33	SLE_SISMA _UP	Max	533.7475	0.0000	33-1
33	34	SLE_SISMA _UP	Max	0.0000	0.0000	33-1
33	33	SLE_SISMA _UP	Min	0.0000	0.0000	33-1
33	34	SLE_SISMA _UP	Min	-1060.2923	0.0000	33-1
33	33	SLU_SISMA _DOWN	Max	776.8977	0.0000	33-1
33	34	SLU_SISMA _DOWN	Max	0.0000	0.0000	33-1
33	33	SLU_SISMA _DOWN	Min	0.0000	0.0000	33-1
33	34	SLU_SISMA _DOWN	Min	-1311.6135	0.0000	33-1
33	33	SLU_SISMA _UP	Max	679.9454	0.0000	33-1
33	34	SLU_SISMA _UP	Max	0.0000	0.0000	33-1
33	33	SLU_SISMA _UP	Min	0.0000	0.0000	33-1
33	34	SLU_SISMA _UP	Min	-1102.3308	0.0000	33-1
34	34	SLE	Max	984.9273	0.0000	34-1
34	35	SLE	Max	0.0000	0.0000	34-1
34	34	SLE	Min	0.0000	0.0000	34-1
34	35	SLE	Min	-1411.9548	0.0000	34-1
34	34	SLE_SISMA _DOWN	Max	1153.0838	0.0000	34-1
34	35	SLE_SISMA _DOWN	Max	0.0000	0.0000	34-1
34	34	SLE_SISMA _DOWN	Min	0.0000	0.0000	34-1

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2	M3	FrameElem
				KN-m	KN-m	
34	35	SLE_SISMA_DOWN	Min	-1544.2344	0.0000	34-1
34	34	SLE_SISMA_UP	Max	1060.2923	0.0000	34-1
34	35	SLE_SISMA_UP	Max	0.0000	0.0000	34-1
34	34	SLE_SISMA_UP	Min	0.0000	0.0000	34-1
34	35	SLE_SISMA_UP	Min	-1413.2171	0.0000	34-1
34	34	SLU_SISMA_DOWN	Max	1311.6135	0.0000	34-1
34	35	SLU_SISMA_DOWN	Max	0.0000	0.0000	34-1
34	34	SLU_SISMA_DOWN	Min	0.0000	0.0000	34-1
34	35	SLU_SISMA_DOWN	Min	-1639.1508	0.0000	34-1
34	34	SLU_SISMA_UP	Max	1102.3308	0.0000	34-1
34	35	SLU_SISMA_UP	Max	0.0000	0.0000	34-1
34	34	SLU_SISMA_UP	Min	0.0000	0.0000	34-1
34	35	SLU_SISMA_UP	Min	-1350.8836	0.0000	34-1
35	35	SLE	Max	1411.9548	0.0000	35-1
35	36	SLE	Max	0.0000	0.0000	35-1
35	35	SLE	Min	0.0000	0.0000	35-1
35	36	SLE	Min	-1668.3248	0.0000	35-1
35	35	SLE_SISMA_DOWN	Max	1544.2344	0.0000	35-1
35	36	SLE_SISMA_DOWN	Max	0.0000	0.0000	35-1
35	35	SLE_SISMA_DOWN	Min	0.0000	0.0000	35-1
35	36	SLE_SISMA_DOWN	Min	-1751.1874	0.0000	35-1
35	35	SLE_SISMA_UP	Max	1413.2171	0.0000	35-1
35	36	SLE_SISMA_UP	Max	0.0000	0.0000	35-1
35	35	SLE_SISMA_UP	Min	0.0000	0.0000	35-1
35	36	SLE_SISMA_UP	Min	-1597.2222	0.0000	35-1
35	35	SLU_SISMA_DOWN	Max	1639.1508	0.0000	35-1
35	36	SLU_SISMA_DOWN	Max	0.0000	0.0000	35-1
35	35	SLU_SISMA_DOWN	Min	0.0000	0.0000	35-1
35	36	SLU_SISMA_DOWN	Min	-1771.3613	0.0000	35-1
35	35	SLU_SISMA_UP	Max	1350.8836	0.0000	35-1
35	36	SLU_SISMA_UP	Max	0.0000	0.0000	35-1
35	35	SLU_SISMA_UP	Min	0.0000	0.0000	35-1
35	36	SLU_SISMA_UP	Min	-1437.2438	0.0000	35-1
36	36	SLE	Max	1668.3248	0.0000	36-1
36	37	SLE	Max	0.0000	0.0000	36-1
36	36	SLE	Min	0.0000	0.0000	36-1

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2	M3	FrameElem
				KN-m	KN-m	
36	37	SLE	Min	-1753.8007	0.0000	36-1
36	36	SLE_SISMA _DOWN	Max	1751.1874	0.0000	36-1
36	37	SLE_SISMA _DOWN	Max	0.0000	0.0000	36-1
36	36	SLE_SISMA _DOWN	Min	0.0000	0.0000	36-1
36	37	SLE_SISMA _DOWN	Min	-1779.1157	0.0000	36-1
36	36	SLE_SISMA _UP	Max	1597.2222	0.0000	36-1
36	37	SLE_SISMA _UP	Max	0.0000	0.0000	36-1
36	36	SLE_SISMA _UP	Min	0.0000	0.0000	36-1
36	37	SLE_SISMA _UP	Min	-1617.4791	0.0000	36-1
36	36	SLU_SISMA _DOWN	Max	1771.3613	0.0000	36-1
36	37	SLU_SISMA _DOWN	Max	0.0000	0.0000	36-1
36	36	SLU_SISMA _DOWN	Min	0.0000	0.0000	36-1
36	37	SLU_SISMA _DOWN	Min	-1720.6864	0.0000	36-1
36	36	SLU_SISMA _UP	Max	1437.2438	0.0000	36-1
36	37	SLU_SISMA _UP	Max	0.0000	0.0000	36-1
36	36	SLU_SISMA _UP	Min	0.0000	0.0000	36-1
36	37	SLU_SISMA _UP	Min	-1373.6059	0.0000	36-1
37	37	SLE	Max	1753.8007	0.0000	37-1
37	38	SLE	Max	0.0000	0.0000	37-1
37	37	SLE	Min	0.0000	0.0000	37-1
37	38	SLE	Min	-1668.3339	0.0000	37-1
37	37	SLE_SISMA _DOWN	Max	1779.1157	0.0000	37-1
37	38	SLE_SISMA _DOWN	Max	0.0000	0.0000	37-1
37	37	SLE_SISMA _DOWN	Min	0.0000	0.0000	37-1
37	38	SLE_SISMA _DOWN	Min	-1633.3734	0.0000	37-1
37	37	SLE_SISMA _UP	Max	1617.4791	0.0000	37-1
37	38	SLE_SISMA _UP	Max	0.0000	0.0000	37-1
37	37	SLE_SISMA _UP	Min	0.0000	0.0000	37-1
37	38	SLE_SISMA _UP	Min	-1479.3488	0.0000	37-1
37	37	SLU_SISMA _DOWN	Max	1720.6864	0.0000	37-1
37	38	SLU_SISMA _DOWN	Max	0.0000	0.0000	37-1
37	37	SLU_SISMA _DOWN	Min	0.0000	0.0000	37-1
37	38	SLU_SISMA _DOWN	Min	-1499.8176	0.0000	37-1
37	37	SLU_SISMA _UP	Max	1373.6059	0.0000	37-1
37	38	SLU_SISMA _UP	Max	0.0000	0.0000	37-1

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2	M3	FrameElem
				KN-m	KN-m	
37	37	SLU_SISMA _UP	Min	0.0000	0.0000	37-1
37	38	SLU_SISMA _UP	Min	-1172.4330	0.0000	37-1
38	38	SLE	Max	1668.3339	0.0000	38-1
38	39	SLE	Max	0.0000	0.0000	38-1
38	38	SLE	Min	0.0000	0.0000	38-1
38	39	SLE	Min	-1411.9724	0.0000	38-1
38	38	SLE_SISMA _DOWN	Max	1633.3734	0.0000	38-1
38	39	SLE_SISMA _DOWN	Max	0.0000	0.0000	38-1
38	38	SLE_SISMA _DOWN	Min	0.0000	0.0000	38-1
38	39	SLE_SISMA _DOWN	Min	-1319.4725	0.0000	38-1
38	38	SLE_SISMA _UP	Max	1479.3488	0.0000	38-1
38	39	SLE_SISMA _UP	Max	0.0000	0.0000	38-1
38	38	SLE_SISMA _UP	Min	0.0000	0.0000	38-1
38	39	SLE_SISMA _UP	Min	-1188.3670	0.0000	38-1
38	38	SLU_SISMA _DOWN	Max	1499.8176	0.0000	38-1
38	39	SLU_SISMA _DOWN	Max	0.0000	0.0000	38-1
38	38	SLU_SISMA _DOWN	Min	0.0000	0.0000	38-1
38	39	SLU_SISMA _DOWN	Min	-1121.7636	0.0000	38-1
38	38	SLU_SISMA _UP	Max	1172.4330	0.0000	38-1
38	39	SLU_SISMA _UP	Max	0.0000	0.0000	38-1
38	38	SLU_SISMA _UP	Min	0.0000	0.0000	38-1
38	39	SLU_SISMA _UP	Min	-846.5367	0.0000	38-1
39	39	SLE	Max	1411.9724	0.0000	39-1
39	40	SLE	Max	0.0000	0.0000	39-1
39	39	SLE	Min	0.0000	0.0000	39-1
39	40	SLE	Min	-984.9526	0.0000	39-1
39	39	SLE_SISMA _DOWN	Max	1319.4725	0.0000	39-1
39	40	SLE_SISMA _DOWN	Max	0.0000	0.0000	39-1
39	39	SLE_SISMA _DOWN	Min	0.0000	0.0000	39-1
39	40	SLE_SISMA _DOWN	Min	-843.1235	0.0000	39-1
39	39	SLE_SISMA _UP	Max	1188.3670	0.0000	39-1
39	40	SLE_SISMA _UP	Max	0.0000	0.0000	39-1
39	39	SLE_SISMA _UP	Min	0.0000	0.0000	39-1
39	40	SLE_SISMA _UP	Min	-750.2757	0.0000	39-1
39	39	SLU_SISMA _DOWN	Max	1121.7636	0.0000	39-1
39	40	SLU_SISMA _DOWN	Max	0.0000	0.0000	39-1

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2	M3	FrameElem
				KN-m	KN-m	
39	39	SLU_SISMA_DOWN	Min	0.0000	0.0000	39-1
39	40	SLU_SISMA_DOWN	Min	-599.8155	0.0000	39-1
39	39	SLU_SISMA_UP	Max	846.5367	0.0000	39-1
39	40	SLU_SISMA_UP	Max	0.0000	0.0000	39-1
39	39	SLU_SISMA_UP	Min	0.0000	0.0000	39-1
39	40	SLU_SISMA_UP	Min	-409.0265	0.0000	39-1
40	40	SLE	Max	984.9526	0.0000	40-1
40	41	SLE	Max	0.0000	0.0000	40-1
40	40	SLE	Min	0.0000	0.0000	40-1
40	41	SLE	Min	-387.9723	0.0000	40-1
40	40	SLE_SISMA_DOWN	Max	843.1235	0.0000	40-1
40	41	SLE_SISMA_DOWN	Max	0.0000	0.0000	40-1
40	40	SLE_SISMA_DOWN	Min	0.0000	0.0000	40-1
40	41	SLE_SISMA_DOWN	Min	-210.5457	0.0000	40-1
40	40	SLE_SISMA_UP	Max	750.2757	0.0000	40-1
40	41	SLE_SISMA_UP	Max	0.0000	0.0000	40-1
40	40	SLE_SISMA_UP	Min	0.0000	0.0000	40-1
40	41	SLE_SISMA_UP	Min	-171.3087	0.0000	40-1
40	40	SLU_SISMA_DOWN	Max	599.8155	0.0000	40-1
40	41	SLU_SISMA_DOWN	Max	52.1105	0.0000	40-1
40	40	SLU_SISMA_DOWN	Min	0.0000	0.0000	40-1
40	41	SLU_SISMA_DOWN	Min	0.0000	0.0000	40-1
40	40	SLU_SISMA_UP	Max	409.0265	0.0000	40-1
40	41	SLU_SISMA_UP	Max	126.4035	0.0000	40-1
40	40	SLU_SISMA_UP	Min	0.0000	0.0000	40-1
40	41	SLU_SISMA_UP	Min	0.0000	0.0000	40-1
41	41	SLE	Max	387.9723	0.0000	41-1
41	42	SLE	Max	377.3559	0.0000	41-1
41	41	SLE	Min	0.0000	0.0000	41-1
41	42	SLE	Min	0.0000	0.0000	41-1
41	41	SLE_SISMA_DOWN	Max	210.5457	0.0000	41-1
41	42	SLE_SISMA_DOWN	Max	571.0891	0.0000	41-1
41	41	SLE_SISMA_DOWN	Min	0.0000	0.0000	41-1
41	42	SLE_SISMA_DOWN	Min	0.0000	0.0000	41-1
41	41	SLE_SISMA_UP	Max	171.3087	0.0000	41-1
41	42	SLE_SISMA_UP	Max	541.4056	0.0000	41-1

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2	M3	FrameElem
				KN-m	KN-m	
41	41	SLE_SISMA_UP	Min	0.0000	0.0000	41-1
41	42	SLE_SISMA_UP	Min	0.0000	0.0000	41-1
41	41	SLU_SISMA_DOWN	Max	0.0000	0.0000	41-1
41	42	SLU_SISMA_DOWN	Max	819.0660	0.0000	41-1
41	41	SLU_SISMA_DOWN	Min	-52.1105	0.0000	41-1
41	42	SLU_SISMA_DOWN	Min	0.0000	0.0000	41-1
41	41	SLU_SISMA_UP	Max	0.0000	0.0000	41-1
41	42	SLU_SISMA_UP	Max	745.1561	0.0000	41-1
41	41	SLU_SISMA_UP	Min	-126.4035	0.0000	41-1
41	42	SLU_SISMA_UP	Min	0.0000	0.0000	41-1
42	42	SLE	Max	0.0000	0.0000	42-1
42	43	SLE	Max	1307.8781	0.0000	42-1
42	42	SLE	Min	-377.3559	0.0000	42-1
42	43	SLE	Min	0.0000	0.0000	42-1
42	42	SLE_SISMA_DOWN	Max	0.0000	0.0000	42-1
42	43	SLE_SISMA_DOWN	Max	1493.0479	0.0000	42-1
42	42	SLE_SISMA_DOWN	Min	-571.0891	0.0000	42-1
42	43	SLE_SISMA_DOWN	Min	0.0000	0.0000	42-1
42	42	SLE_SISMA_UP	Max	0.0000	0.0000	42-1
42	43	SLE_SISMA_UP	Max	1379.2934	0.0000	42-1
42	42	SLE_SISMA_UP	Min	-541.4056	0.0000	42-1
42	43	SLE_SISMA_UP	Min	0.0000	0.0000	42-1
42	42	SLU_SISMA_DOWN	Max	0.0000	0.0000	42-1
42	43	SLU_SISMA_DOWN	Max	1684.5202	0.0000	42-1
42	42	SLU_SISMA_DOWN	Min	-819.0660	0.0000	42-1
42	43	SLU_SISMA_DOWN	Min	0.0000	0.0000	42-1
42	42	SLU_SISMA_UP	Max	0.0000	0.0000	42-1
42	43	SLU_SISMA_UP	Max	1431.3024	0.0000	42-1
42	42	SLU_SISMA_UP	Min	-745.1561	0.0000	42-1
42	43	SLU_SISMA_UP	Min	0.0000	0.0000	42-1
43	43	SLE	Max	0.0000	0.0000	43-1
43	44	SLE	Max	1425.4276	0.0000	43-1
43	43	SLE	Min	-1307.8781	0.0000	43-1
43	44	SLE	Min	0.0000	0.0000	43-1
43	43	SLE_SISMA_DOWN	Max	0.0000	0.0000	43-1
43	44	SLE_SISMA_DOWN	Max	1556.7176	0.0000	43-1

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2	M3	FrameElem
				KN-m	KN-m	
43	43	SLE_SISMA_DOWN	Min	-1493.0479	0.0000	43-1
43	44	SLE_SISMA_DOWN	Min	0.0000	0.0000	43-1
43	43	SLE_SISMA_UP	Max	0.0000	0.0000	43-1
43	44	SLE_SISMA_UP	Max	1434.7628	0.0000	43-1
43	43	SLE_SISMA_UP	Min	-1379.2934	0.0000	43-1
43	44	SLE_SISMA_UP	Min	0.0000	0.0000	43-1
43	43	SLU_SISMA_DOWN	Max	0.0000	0.0000	43-1
43	44	SLU_SISMA_DOWN	Max	1680.4150	0.0000	43-1
43	43	SLU_SISMA_DOWN	Min	-1684.5202	0.0000	43-1
43	44	SLU_SISMA_DOWN	Min	0.0000	0.0000	43-1
43	43	SLU_SISMA_UP	Max	0.0000	0.0000	43-1
43	44	SLU_SISMA_UP	Max	1412.5339	0.0000	43-1
43	43	SLU_SISMA_UP	Min	-1431.3024	0.0000	43-1
43	44	SLU_SISMA_UP	Min	0.0000	0.0000	43-1
44	44	SLE	Max	0.0000	0.0000	44-1
44	1	SLE	Max	1711.8122	0.0000	44-1
44	44	SLE	Min	-1425.4276	0.0000	44-1
44	1	SLE	Min	0.0000	0.0000	44-1
44	44	SLE_SISMA_DOWN	Max	0.0000	0.0000	44-1
44	1	SLE_SISMA_DOWN	Max	1784.7147	0.0000	44-1
44	44	SLE_SISMA_DOWN	Min	-1556.7176	0.0000	44-1
44	1	SLE_SISMA_DOWN	Min	0.0000	0.0000	44-1
44	44	SLE_SISMA_UP	Max	0.0000	0.0000	44-1
44	1	SLE_SISMA_UP	Max	1641.9263	0.0000	44-1
44	44	SLE_SISMA_UP	Min	-1434.7628	0.0000	44-1
44	1	SLE_SISMA_UP	Min	0.0000	0.0000	44-1
44	44	SLU_SISMA_DOWN	Max	0.0000	0.0000	44-1
44	1	SLU_SISMA_DOWN	Max	1835.1803	0.0000	44-1
44	44	SLU_SISMA_DOWN	Min	-1680.4150	0.0000	44-1
44	1	SLU_SISMA_DOWN	Min	0.0000	0.0000	44-1
44	44	SLU_SISMA_UP	Max	0.0000	0.0000	44-1
44	1	SLU_SISMA_UP	Max	1525.6162	0.0000	44-1
44	44	SLU_SISMA_UP	Min	-1412.5339	0.0000	44-1
44	1	SLU_SISMA_UP	Min	0.0000	0.0000	44-1
45	2	SLE	Max	0.0000	0.0000	45-1

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2	M3	FrameElem
				KN-m	KN-m	
45	43	SLE	Max	0.0000	0.0000	45-1
45	2	SLE	Min	0.0000	0.0000	45-1
45	43	SLE	Min	-2.665E-14	0.0000	45-1
45	2	SLE_SISMA _DOWN	Max	0.0000	0.0000	45-1
45	43	SLE_SISMA _DOWN	Max	1.776E-14	0.0000	45-1
45	2	SLE_SISMA _DOWN	Min	0.0000	0.0000	45-1
45	43	SLE_SISMA _DOWN	Min	0.0000	0.0000	45-1
45	2	SLE_SISMA _UP	Max	0.0000	0.0000	45-1
45	43	SLE_SISMA _UP	Max	0.0000	0.0000	45-1
45	2	SLE_SISMA _UP	Min	0.0000	0.0000	45-1
45	43	SLE_SISMA _UP	Min	0.0000	0.0000	45-1
45	2	SLU_SISMA _DOWN	Max	0.0000	0.0000	45-1
45	43	SLU_SISMA _DOWN	Max	0.0000	0.0000	45-1
45	2	SLU_SISMA _DOWN	Min	0.0000	0.0000	45-1
45	43	SLU_SISMA _DOWN	Min	0.0000	0.0000	45-1
45	2	SLU_SISMA _UP	Max	0.0000	0.0000	45-1
45	43	SLU_SISMA _UP	Max	0.0000	0.0000	45-1
45	2	SLU_SISMA _UP	Min	0.0000	0.0000	45-1
45	43	SLU_SISMA _UP	Min	0.0000	0.0000	45-1
46	28	SLE	Max	0.0000	0.0000	46-1
46	31	SLE	Max	0.0000	0.0000	46-1
46	28	SLE	Min	0.0000	0.0000	46-1
46	31	SLE	Min	0.0000	0.0000	46-1
46	28	SLE_SISMA _DOWN	Max	0.0000	0.0000	46-1
46	31	SLE_SISMA _DOWN	Max	0.0000	0.0000	46-1
46	28	SLE_SISMA _DOWN	Min	0.0000	0.0000	46-1
46	31	SLE_SISMA _DOWN	Min	-8.882E-15	0.0000	46-1
46	28	SLE_SISMA _UP	Max	0.0000	0.0000	46-1
46	31	SLE_SISMA _UP	Max	8.882E-15	0.0000	46-1
46	28	SLE_SISMA _UP	Min	0.0000	0.0000	46-1
46	31	SLE_SISMA _UP	Min	0.0000	0.0000	46-1
46	28	SLU_SISMA _DOWN	Max	0.0000	0.0000	46-1
46	31	SLU_SISMA _DOWN	Max	8.882E-15	0.0000	46-1
46	28	SLU_SISMA _DOWN	Min	0.0000	0.0000	46-1
46	31	SLU_SISMA _DOWN	Min	0.0000	0.0000	46-1
46	28	SLU_SISMA _UP	Max	0.0000	0.0000	46-1

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem
46	31	SLU_SISMA _UP	Max	8.882E-15	0.0000	46-1
46	28	SLU_SISMA _UP	Min	0.0000	0.0000	46-1
46	31	SLU_SISMA _UP	Min	0.0000	0.0000	46-1

Table: Frame Auto Mesh Assignments

Table: Frame Auto Mesh Assignments

Frame	AutoMesh	AtJoints	AtFrames	NumSegments	MaxLength m	MaxDegrees Degrees
1	Yes	Yes	No	0	0.000000	0.000
2	Yes	Yes	No	0	0.000000	0.000
3	Yes	Yes	No	0	0.000000	0.000
4	Yes	Yes	No	0	0.000000	0.000
5	Yes	Yes	No	0	0.000000	0.000
6	Yes	Yes	No	0	0.000000	0.000
7	Yes	Yes	No	0	0.000000	0.000
8	Yes	Yes	No	0	0.000000	0.000
9	Yes	Yes	No	0	0.000000	0.000
10	Yes	Yes	No	0	0.000000	0.000
11	Yes	Yes	No	0	0.000000	0.000
12	Yes	Yes	No	0	0.000000	0.000
13	Yes	Yes	No	0	0.000000	0.000
14	Yes	Yes	No	0	0.000000	0.000
15	Yes	Yes	No	0	0.000000	0.000
16	Yes	Yes	No	0	0.000000	0.000
17	Yes	Yes	No	0	0.000000	0.000
18	Yes	Yes	No	0	0.000000	0.000
19	Yes	Yes	No	0	0.000000	0.000
20	Yes	Yes	No	0	0.000000	0.000
21	Yes	Yes	No	0	0.000000	0.000
22	Yes	Yes	No	0	0.000000	0.000
23	Yes	Yes	No	0	0.000000	0.000
24	Yes	Yes	No	0	0.000000	0.000
25	Yes	Yes	No	0	0.000000	0.000
26	Yes	Yes	No	0	0.000000	0.000
27	Yes	Yes	No	0	0.000000	0.000
28	Yes	Yes	No	0	0.000000	0.000
29	Yes	Yes	No	0	0.000000	0.000
30	Yes	Yes	No	0	0.000000	0.000
31	Yes	Yes	No	0	0.000000	0.000
32	Yes	Yes	No	0	0.000000	0.000
33	Yes	Yes	No	0	0.000000	0.000
34	Yes	Yes	No	0	0.000000	0.000
35	Yes	Yes	No	0	0.000000	0.000
36	Yes	Yes	No	0	0.000000	0.000
37	Yes	Yes	No	0	0.000000	0.000
38	Yes	Yes	No	0	0.000000	0.000
39	Yes	Yes	No	0	0.000000	0.000
40	Yes	Yes	No	0	0.000000	0.000
41	Yes	Yes	No	0	0.000000	0.000
42	Yes	Yes	No	0	0.000000	0.000
43	Yes	Yes	No	0	0.000000	0.000
44	Yes	Yes	No	0	0.000000	0.000
45	Yes	Yes	No	0	0.000000	0.000
46	Yes	Yes	No	0	0.000000	0.000

PROGETTO ESECUTIVO
RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Frame Design Procedures

Table: Frame Design Procedures

Frame	DesignProc
1	From Material
2	From Material
3	From Material
4	From Material
5	From Material
6	From Material
7	From Material
8	From Material
9	From Material
10	From Material
11	From Material
12	From Material
13	From Material
14	From Material
15	From Material
16	From Material
17	From Material
18	From Material
19	From Material
20	From Material
21	From Material
22	From Material
23	From Material
24	From Material
25	From Material
26	From Material
27	From Material
28	From Material
29	From Material
30	From Material

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Frame Design Procedures

Frame	DesignProc
31	From Material
32	From Material
33	From Material
34	From Material
35	From Material
36	From Material
37	From Material
38	From Material
39	From Material
40	From Material
41	From Material
42	From Material
43	From Material
44	From Material
45	From Material
46	From Material

Table: Frame Loads - Distributed, Part 1 of 3

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
1	PHSX_SLE	GLOBAL	Force	X	RelDist	0.0000
1	PHSX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
1	PHSX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
2	PHSX_SLE	GLOBAL	Force	X	RelDist	0.0000
2	PHSX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
2	PHSX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
3	PHSX_SLE	GLOBAL	Force	X	RelDist	0.0000
3	PHSX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
3	PHSX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
4	PHSX_SLE	GLOBAL	Force	X	RelDist	0.0000
4	PHSX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
4	PHSX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
5	PV_SLE	GLOBAL	Force	Gravity	RelDist	0.0000
5	PHSX_SLE	GLOBAL	Force	X	RelDist	0.0000
5	PV_SLE_SISMA_DOWN	GLOBAL	Force	Gravity	RelDist	0.0000
5	PHSX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
5	PV_SLE_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
5	PV_SLU_SISMA_DOWN	GLOBAL	Force	Gravity	RelDist	0.0000
5	PHSX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
5	PV_SLU_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
6	PV_SLE	GLOBAL	Force	Gravity	RelDist	0.0000
6	PHSX_SLE	GLOBAL	Force	X	RelDist	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
6	PV_SLE_SISMA_DOWN	GLOBAL	Force	Gravity	RelDist	0.0000
6	PHSX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
6	PV_SLE_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
6	PV_SLU_SISMA_DOWN	GLOBAL	Force	Gravity	RelDist	0.0000
6	PHSX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
6	PV_SLU_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
7	PV_SLE	GLOBAL	Force	Gravity	RelDist	0.0000
7	PHSX_SLE	GLOBAL	Force	X	RelDist	0.0000
7	PV_SLE_SISMA_DOWN	GLOBAL	Force	Gravity	RelDist	0.0000
7	PHSX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
7	PV_SLE_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
7	PV_SLU_SISMA_DOWN	GLOBAL	Force	Gravity	RelDist	0.0000
7	PHSX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
7	PV_SLU_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
8	PV_SLE	GLOBAL	Force	Gravity	RelDist	0.0000
8	PHSX_SLE	GLOBAL	Force	X	RelDist	0.0000
8	PV_SLE_SISMA_DOWN	GLOBAL	Force	Gravity	RelDist	0.0000
8	PHSX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
8	PV_SLE_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
8	PV_SLU_SISMA_DOWN	GLOBAL	Force	Gravity	RelDist	0.0000
8	PHSX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
8	PV_SLU_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
9	PV_SLE	GLOBAL	Force	Gravity	RelDist	0.0000
9	PHSX_SLE	GLOBAL	Force	X	RelDist	0.0000
9	PV_SLE_SISMA_DOWN	GLOBAL	Force	Gravity	RelDist	0.0000
9	PHSX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
9	PV_SLE_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
9	PV_SLU_SISMA_DOWN	GLOBAL	Force	Gravity	RelDist	0.0000
9	PHSX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
9	PV_SLU_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
10	PV_SLE	GLOBAL	Force	Gravity	RelDist	0.0000
10	PHSX_SLE	GLOBAL	Force	X	RelDist	0.0000
10	PV_SLE_SISMA_DOWN	GLOBAL	Force	Gravity	RelDist	0.0000
10	PHSX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
10	PV_SLE_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
10	PV_SLU_SISMA_DOWN	GLOBAL	Force	Gravity	RelDist	0.0000
10	PHSX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
10	PV_SLU_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
11	PV_SLE	GLOBAL	Force	Gravity	RelDist	0.0000
11	PHSX_SLE	GLOBAL	Force	X	RelDist	0.0000
11	PV_SLE_SISMA_DOWN	GLOBAL	Force	Gravity	RelDist	0.0000
11	PHSX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
11	PV_SLE_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
11	PV_SLU_SISMA_DOWN	GLOBAL	Force	Gravity	RelDist	0.0000
11	PHSX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
11	PV_SLU_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
12	PV_SLE	GLOBAL	Force	Gravity	RelDist	0.0000
12	PHSX_SLE	GLOBAL	Force	X	RelDist	0.0000
12	PV_SLE_SISMA_DOWN	GLOBAL	Force	Gravity	RelDist	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
12	PHSX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
12	PV_SLE_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
12	PV_SLU_SISMA_D OWN	GLOBAL	Force	Gravity	RelDist	0.0000
12	PHSX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
12	PV_SLU_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
13	PV_SLE	GLOBAL	Force	Gravity	RelDist	0.0000
13	PHSX_SLE	GLOBAL	Force	X	RelDist	0.0000
13	PV_SLE_SISMA_DO WN	GLOBAL	Force	Gravity	RelDist	0.0000
13	PHSX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
13	PV_SLE_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
13	PV_SLU_SISMA_D OWN	GLOBAL	Force	Gravity	RelDist	0.0000
13	PHSX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
13	PV_SLU_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
14	PV_SLE	GLOBAL	Force	Gravity	RelDist	0.0000
14	PHSX_SLE	GLOBAL	Force	X	RelDist	0.0000
14	PV_SLE_SISMA_DO WN	GLOBAL	Force	Gravity	RelDist	0.0000
14	PHSX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
14	PV_SLE_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
14	PV_SLU_SISMA_D OWN	GLOBAL	Force	Gravity	RelDist	0.0000
14	PHSX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
14	PV_SLU_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
15	PV_SLE	GLOBAL	Force	Gravity	RelDist	0.0000
15	PHDX_SLE	GLOBAL	Force	X	RelDist	0.0000
15	PV_SLE_SISMA_DO WN	GLOBAL	Force	Gravity	RelDist	0.0000
15	PHDX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
15	PV_SLE_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
15	PV_SLU_SISMA_D OWN	GLOBAL	Force	Gravity	RelDist	0.0000
15	PHDX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
15	PV_SLU_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
16	PV_SLE	GLOBAL	Force	Gravity	RelDist	0.0000
16	PHDX_SLE	GLOBAL	Force	X	RelDist	0.0000
16	PV_SLE_SISMA_DO WN	GLOBAL	Force	Gravity	RelDist	0.0000
16	PHDX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
16	PV_SLE_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
16	PV_SLU_SISMA_D OWN	GLOBAL	Force	Gravity	RelDist	0.0000
16	PHDX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
16	PV_SLU_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
17	PV_SLE	GLOBAL	Force	Gravity	RelDist	0.0000
17	PHDX_SLE	GLOBAL	Force	X	RelDist	0.0000
17	PV_SLE_SISMA_DO WN	GLOBAL	Force	Gravity	RelDist	0.0000
17	PHDX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
17	PV_SLE_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
17	PV_SLU_SISMA_D OWN	GLOBAL	Force	Gravity	RelDist	0.0000
17	PHDX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
17	PV_SLU_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
18	PV_SLE	GLOBAL	Force	Gravity	RelDist	0.0000
18	PHDX_SLE	GLOBAL	Force	X	RelDist	0.0000
18	PV_SLE_SISMA_DO WN	GLOBAL	Force	Gravity	RelDist	0.0000
18	PHDX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
18	PV_SLE_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
18	PV_SLU_SISMA_D OWN	GLOBAL	Force	Gravity	RelDist	0.0000
18	PHDX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
18	PV_SLU_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
19	PV_SLE	GLOBAL	Force	Gravity	RelDist	0.0000
19	PHDX_SLE	GLOBAL	Force	X	RelDist	0.0000
19	PV_SLE_SISMA_DO WN	GLOBAL	Force	Gravity	RelDist	0.0000
19	PHDX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
19	PV_SLE_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
19	PV_SLU_SISMA_D OWN	GLOBAL	Force	Gravity	RelDist	0.0000
19	PHDX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
19	PV_SLU_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
20	PV_SLE	GLOBAL	Force	Gravity	RelDist	0.0000
20	PHDX_SLE	GLOBAL	Force	X	RelDist	0.0000
20	PV_SLE_SISMA_DO WN	GLOBAL	Force	Gravity	RelDist	0.0000
20	PHDX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
20	PV_SLE_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
20	PV_SLU_SISMA_D OWN	GLOBAL	Force	Gravity	RelDist	0.0000
20	PHDX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
20	PV_SLU_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
21	PV_SLE	GLOBAL	Force	Gravity	RelDist	0.0000
21	PHDX_SLE	GLOBAL	Force	X	RelDist	0.0000
21	PV_SLE_SISMA_DO WN	GLOBAL	Force	Gravity	RelDist	0.0000
21	PHDX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
21	PV_SLE_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
21	PV_SLU_SISMA_D OWN	GLOBAL	Force	Gravity	RelDist	0.0000
21	PHDX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
21	PV_SLU_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
22	PV_SLE	GLOBAL	Force	Gravity	RelDist	0.0000
22	PHDX_SLE	GLOBAL	Force	X	RelDist	0.0000
22	PV_SLE_SISMA_DO WN	GLOBAL	Force	Gravity	RelDist	0.0000
22	PHDX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
22	PV_SLE_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
22	PV_SLU_SISMA_D OWN	GLOBAL	Force	Gravity	RelDist	0.0000
22	PHDX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
22	PV_SLU_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
23	PV_SLE	GLOBAL	Force	Gravity	RelDist	0.0000
23	PHDX_SLE	GLOBAL	Force	X	RelDist	0.0000
23	PV_SLE_SISMA_DO WN	GLOBAL	Force	Gravity	RelDist	0.0000
23	PHDX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
23	PV_SLE_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
23	PV_SLU_SISMA_D OWN	GLOBAL	Force	Gravity	RelDist	0.0000
23	PHDX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
23	PV_SLU_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
24	PV_SLE	GLOBAL	Force	Gravity	RelDist	0.0000
24	PHDX_SLE	GLOBAL	Force	X	RelDist	0.0000
24	PV_SLE_SISMA_DO WN	GLOBAL	Force	Gravity	RelDist	0.0000
24	PHDX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
24	PV_SLE_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
24	PV_SLU_SISMA_D OWN	GLOBAL	Force	Gravity	RelDist	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
24	PHDX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
24	PV_SLU_SISMA_UP	GLOBAL	Force	Gravity	RelDist	0.0000
25	PHDX_SLE	GLOBAL	Force	X	RelDist	0.0000
25	PHDX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
25	PHDX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
26	PHDX_SLE	GLOBAL	Force	X	RelDist	0.0000
26	PHDX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
26	PHDX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
27	PHDX_SLE	GLOBAL	Force	X	RelDist	0.0000
27	PHDX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
27	PHDX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000
28	PHDX_SLE	GLOBAL	Force	X	RelDist	0.0000
28	PHDX_SLE_SISMA	GLOBAL	Force	X	RelDist	0.0000
28	PHDX_SLU_SISMA	GLOBAL	Force	X	RelDist	0.0000

Table: Frame Loads - Distributed, Part 2 of 3

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA	AbsDistB	FOverLA	FOverLB
			m	m	KN/m	KN/m
1	PHSX_SLE	1.0000	0.00000	0.89215	132.45	132.45
1	PHSX_SLE_SISMA	1.0000	0.00000	0.89215	144.82	144.82
1	PHSX_SLU_SISMA	1.0000	0.00000	0.89215	189.59	189.59
2	PHSX_SLE	1.0000	0.00000	0.89498	124.86	124.86
2	PHSX_SLE_SISMA	1.0000	0.00000	0.89498	137.23	137.23
2	PHSX_SLU_SISMA	1.0000	0.00000	0.89498	180.49	180.49
3	PHSX_SLE	1.0000	0.00000	0.89498	117.18	117.18
3	PHSX_SLE_SISMA	1.0000	0.00000	0.89498	129.55	129.55
3	PHSX_SLU_SISMA	1.0000	0.00000	0.89498	171.28	171.28
4	PHSX_SLE	1.0000	0.00000	0.89498	109.59	109.59
4	PHSX_SLE_SISMA	1.0000	0.00000	0.89498	121.96	121.96
4	PHSX_SLU_SISMA	1.0000	0.00000	0.89498	162.18	162.18
5	PV_SLE	1.0000	0.00000	1.18320	19.76	19.76
5	PHSX_SLE	1.0000	0.00000	1.18320	100.37	100.37
5	PV_SLE_SISMA_DOWN	1.0000	0.00000	1.18320	20.40	20.40
5	PHSX_SLE_SISMA	1.0000	0.00000	1.18320	112.70	112.70
5	PV_SLE_SISMA_UP	1.0000	0.00000	1.18320	19.13	19.13
5	PV_SLU_SISMA_DOWN	1.0000	0.00000	1.18320	21.35	21.35
5	PHSX_SLU_SISMA	1.0000	0.00000	1.18320	151.02	151.02
5	PV_SLU_SISMA_UP	1.0000	0.00000	1.18320	18.18	18.18
6	PV_SLE	1.0000	0.00000	1.18320	52.93	52.93
6	PHSX_SLE	1.0000	0.00000	1.18320	87.98	87.98
6	PV_SLE_SISMA_DOWN	1.0000	0.00000	1.18320	54.64	54.64
6	PHSX_SLE_SISMA	1.0000	0.00000	1.18320	99.96	99.96
6	PV_SLE_SISMA_UP	1.0000	0.00000	1.18320	51.23	51.23
6	PV_SLU_SISMA_DOWN	1.0000	0.00000	1.18320	57.18	57.18
6	PHSX_SLU_SISMA	1.0000	0.00000	1.18320	135.30	135.30
6	PV_SLU_SISMA_UP	1.0000	0.00000	1.18320	48.69	48.69
7	PV_SLE	1.0000	0.00000	1.18320	77.46	77.46
7	PHSX_SLE	1.0000	0.00000	1.18320	74.26	74.26
7	PV_SLE_SISMA_DOWN	1.0000	0.00000	1.18320	79.96	79.96
7	PHSX_SLE_SISMA	1.0000	0.00000	1.18320	85.56	85.56
7	PV_SLE_SISMA_UP	1.0000	0.00000	1.18320	74.97	74.97
7	PV_SLU_SISMA_DOWN	1.0000	0.00000	1.18320	83.68	83.68

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA m	AbsDistB m	FOverLA KN/m	FOverLB KN/m
7	PHSX_SLU_SISMA	1.0000	0.00000	1.18320	117.17	117.17
7	PV_SLU_SISMA_UP	1.0000	0.00000	1.18320	71.25	71.25
8	PV_SLE	1.0000	0.00000	1.18328	93.88	93.88
8	PHSX_SLE	1.0000	0.00000	1.18328	60.44	60.44
8	PV_SLE_SISMA_DO WN	1.0000	0.00000	1.18328	96.91	96.91
8	PHSX_SLE_SISMA	1.0000	0.00000	1.18328	70.75	70.75
8	PV_SLE_SISMA_UP	1.0000	0.00000	1.18328	90.85	90.85
8	PV_SLU_SISMA_D OWN	1.0000	0.00000	1.18328	101.41	101.41
8	PHSX_SLU_SISMA	1.0000	0.00000	1.18328	98.13	98.13
8	PV_SLU_SISMA_UP	1.0000	0.00000	1.18328	86.34	86.34
9	PV_SLE	1.0000	0.00000	1.18346	102.03	102.03
9	PHSX_SLE	1.0000	0.00000	1.18346	47.70	47.70
9	PV_SLE_SISMA_DO WN	1.0000	0.00000	1.18346	105.32	105.32
9	PHSX_SLE_SISMA	1.0000	0.00000	1.18346	56.84	56.84
9	PV_SLE_SISMA_UP	1.0000	0.00000	1.18346	98.74	98.74
9	PV_SLU_SISMA_D OWN	1.0000	0.00000	1.18346	110.22	110.22
9	PHSX_SLU_SISMA	1.0000	0.00000	1.18346	79.93	79.93
9	PV_SLU_SISMA_UP	1.0000	0.00000	1.18346	93.84	93.84
10	PV_SLE	1.0000	0.00000	1.18346	105.11	105.11
10	PHSX_SLE	1.0000	0.00000	1.18346	36.26	36.26
10	PV_SLE_SISMA_DO WN	1.0000	0.00000	1.18346	108.50	108.50
10	PHSX_SLE_SISMA	1.0000	0.00000	1.18346	44.04	44.04
10	PV_SLE_SISMA_UP	1.0000	0.00000	1.18346	101.72	101.72
10	PV_SLU_SISMA_D OWN	1.0000	0.00000	1.18346	113.55	113.55
10	PHSX_SLU_SISMA	1.0000	0.00000	1.18346	62.83	62.83
10	PV_SLU_SISMA_UP	1.0000	0.00000	1.18346	96.68	96.68
11	PV_SLE	1.0000	0.00000	1.18346	105.15	105.15
11	PHSX_SLE	1.0000	0.00000	1.18346	26.21	26.21
11	PV_SLE_SISMA_DO WN	1.0000	0.00000	1.18346	108.54	108.54
11	PHSX_SLE_SISMA	1.0000	0.00000	1.18346	32.46	32.46
11	PV_SLE_SISMA_UP	1.0000	0.00000	1.18346	101.76	101.76
11	PV_SLU_SISMA_D OWN	1.0000	0.00000	1.18346	113.59	113.59
11	PHSX_SLU_SISMA	1.0000	0.00000	1.18346	46.96	46.96
11	PV_SLU_SISMA_UP	1.0000	0.00000	1.18346	96.71	96.71
12	PV_SLE	1.0000	0.00000	1.18346	103.54	103.54
12	PHSX_SLE	1.0000	0.00000	1.18346	17.53	17.53
12	PV_SLE_SISMA_DO WN	1.0000	0.00000	1.18346	106.88	106.88
12	PHSX_SLE_SISMA	1.0000	0.00000	1.18346	22.09	22.09
12	PV_SLE_SISMA_UP	1.0000	0.00000	1.18346	100.20	100.20
12	PV_SLU_SISMA_D OWN	1.0000	0.00000	1.18346	111.85	111.85
12	PHSX_SLU_SISMA	1.0000	0.00000	1.18346	32.37	32.37
12	PV_SLU_SISMA_UP	1.0000	0.00000	1.18346	95.23	95.23
13	PV_SLE	1.0000	0.00000	1.18346	101.73	101.73
13	PHSX_SLE	1.0000	0.00000	1.18346	10.01	10.01
13	PV_SLE_SISMA_DO WN	1.0000	0.00000	1.18346	105.01	105.01
13	PHSX_SLE_SISMA	1.0000	0.00000	1.18346	12.79	12.79
13	PV_SLE_SISMA_UP	1.0000	0.00000	1.18346	98.45	98.45
13	PV_SLU_SISMA_D OWN	1.0000	0.00000	1.18346	109.89	109.89
13	PHSX_SLU_SISMA	1.0000	0.00000	1.18346	18.92	18.92
13	PV_SLU_SISMA_UP	1.0000	0.00000	1.18346	93.56	93.56

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA m	AbsDistB m	FOverLA KN/m	FOverLB KN/m
14	PV_SLE	1.0000	0.00000	1.18346	100.51	100.51
14	PHSX_SLE	1.0000	0.00000	1.18346	3.25	3.25
14	PV_SLE_SISMA_DO WN	1.0000	0.00000	1.18346	103.75	103.75
14	PHSX_SLE_SISMA	1.0000	0.00000	1.18346	4.18	4.18
14	PV_SLE_SISMA_UP	1.0000	0.00000	1.18346	97.27	97.27
14	PV_SLU_SISMA_D OWN	1.0000	0.00000	1.18346	108.58	108.58
14	PHSX_SLU_SISMA	1.0000	0.00000	1.18346	6.22	6.22
14	PV_SLU_SISMA_UP	1.0000	0.00000	1.18346	92.45	92.45
15	PV_SLE	1.0000	0.00000	1.18346	100.51	100.51
15	PHDX_SLE	1.0000	0.00000	1.18346	-3.25	-3.25
15	PV_SLE_SISMA_DO WN	1.0000	0.00000	1.18346	103.75	103.75
15	PHDX_SLE_SISMA	1.0000	0.00000	1.18346	-2.31	-2.31
15	PV_SLE_SISMA_UP	1.0000	0.00000	1.18346	97.27	97.27
15	PV_SLU_SISMA_D OWN	1.0000	0.00000	1.18346	108.58	108.58
15	PHDX_SLU_SISMA	1.0000	0.00000	1.18346	-1.57	-1.57
15	PV_SLU_SISMA_UP	1.0000	0.00000	1.18346	92.45	92.45
16	PV_SLE	1.0000	0.00000	1.18346	101.73	101.73
16	PHDX_SLE	1.0000	0.00000	1.18346	-10.01	-10.01
16	PV_SLE_SISMA_DO WN	1.0000	0.00000	1.18346	105.01	105.01
16	PHDX_SLE_SISMA	1.0000	0.00000	1.18346	-7.23	-7.23
16	PV_SLE_SISMA_UP	1.0000	0.00000	1.18346	98.45	98.45
16	PV_SLU_SISMA_D OWN	1.0000	0.00000	1.18346	109.89	109.89
16	PHDX_SLU_SISMA	1.0000	0.00000	1.18346	-5.08	-5.08
16	PV_SLU_SISMA_UP	1.0000	0.00000	1.18346	93.56	93.56
17	PV_SLE	1.0000	0.00000	1.18346	103.54	103.54
17	PHDX_SLE	1.0000	0.00000	1.18346	-17.53	-17.53
17	PV_SLE_SISMA_DO WN	1.0000	0.00000	1.18346	106.88	106.88
17	PHDX_SLE_SISMA	1.0000	0.00000	1.18346	-12.96	-12.96
17	PV_SLE_SISMA_UP	1.0000	0.00000	1.18346	100.20	100.20
17	PV_SLU_SISMA_D OWN	1.0000	0.00000	1.18346	111.85	111.85
17	PHDX_SLU_SISMA	1.0000	0.00000	1.18346	-9.66	-9.66
17	PV_SLU_SISMA_UP	1.0000	0.00000	1.18346	95.23	95.23
18	PV_SLE	1.0000	0.00000	1.18346	105.15	105.15
18	PHDX_SLE	1.0000	0.00000	1.18346	-26.21	-26.21
18	PV_SLE_SISMA_DO WN	1.0000	0.00000	1.18346	108.54	108.54
18	PHDX_SLE_SISMA	1.0000	0.00000	1.18346	-19.97	-19.97
18	PV_SLE_SISMA_UP	1.0000	0.00000	1.18346	101.76	101.76
18	PV_SLU_SISMA_D OWN	1.0000	0.00000	1.18346	113.59	113.59
18	PHDX_SLU_SISMA	1.0000	0.00000	1.18346	-15.89	-15.89
18	PV_SLU_SISMA_UP	1.0000	0.00000	1.18346	96.71	96.71
19	PV_SLE	1.0000	0.00000	1.18346	105.11	105.11
19	PHDX_SLE	1.0000	0.00000	1.18346	-36.26	-36.26
19	PV_SLE_SISMA_DO WN	1.0000	0.00000	1.18346	108.50	108.50
19	PHDX_SLE_SISMA	1.0000	0.00000	1.18346	-28.48	-28.48
19	PV_SLE_SISMA_UP	1.0000	0.00000	1.18346	101.72	101.72
19	PV_SLU_SISMA_D OWN	1.0000	0.00000	1.18346	113.55	113.55
19	PHDX_SLU_SISMA	1.0000	0.00000	1.18346	-24.11	-24.11
19	PV_SLU_SISMA_UP	1.0000	0.00000	1.18346	96.68	96.68
20	PV_SLE	1.0000	0.00000	1.18346	102.03	102.03
20	PHDX_SLE	1.0000	0.00000	1.18346	-47.70	-47.70

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA m	AbsDistB m	FOverLA KN/m	FOverLB KN/m
20	PV_SLE_SISMA_D WN	1.0000	0.00000	1.18346	105.32	105.32
20	PHDX_SLE_SISMA	1.0000	0.00000	1.18346	-38.56	-38.56
20	PV_SLE_SISMA_UP	1.0000	0.00000	1.18346	98.74	98.74
20	PV_SLU_SISMA_D OWN	1.0000	0.00000	1.18346	110.22	110.22
20	PHDX_SLU_SISMA	1.0000	0.00000	1.18346	-34.45	-34.45
20	PV_SLU_SISMA_UP	1.0000	0.00000	1.18346	93.84	93.84
21	PV_SLE	1.0000	0.00000	1.18328	93.88	93.88
21	PHDX_SLE	1.0000	0.00000	1.18328	-60.44	-60.44
21	PV_SLE_SISMA_D WN	1.0000	0.00000	1.18328	96.91	96.91
21	PHDX_SLE_SISMA	1.0000	0.00000	1.18328	-50.12	-50.12
21	PV_SLE_SISMA_UP	1.0000	0.00000	1.18328	90.85	90.85
21	PV_SLU_SISMA_D OWN	1.0000	0.00000	1.18328	101.41	101.41
21	PHDX_SLU_SISMA	1.0000	0.00000	1.18328	-46.80	-46.80
21	PV_SLU_SISMA_UP	1.0000	0.00000	1.18328	86.34	86.34
22	PV_SLE	1.0000	0.00000	1.18320	77.46	77.46
22	PHDX_SLE	1.0000	0.00000	1.18320	-74.26	-74.26
22	PV_SLE_SISMA_D WN	1.0000	0.00000	1.18320	79.96	79.96
22	PHDX_SLE_SISMA	1.0000	0.00000	1.18320	-62.96	-62.96
22	PV_SLE_SISMA_UP	1.0000	0.00000	1.18320	74.97	74.97
22	PV_SLU_SISMA_D OWN	1.0000	0.00000	1.18320	83.68	83.68
22	PHDX_SLU_SISMA	1.0000	0.00000	1.18320	-60.91	-60.91
22	PV_SLU_SISMA_UP	1.0000	0.00000	1.18320	71.25	71.25
23	PV_SLE	1.0000	0.00000	1.18320	52.93	52.93
23	PHDX_SLE	1.0000	0.00000	1.18320	-87.98	-87.98
23	PV_SLE_SISMA_D WN	1.0000	0.00000	1.18320	54.64	54.64
23	PHDX_SLE_SISMA	1.0000	0.00000	1.18320	-76.00	-76.00
23	PV_SLE_SISMA_UP	1.0000	0.00000	1.18320	51.23	51.23
23	PV_SLU_SISMA_D OWN	1.0000	0.00000	1.18320	57.18	57.18
23	PHDX_SLU_SISMA	1.0000	0.00000	1.18320	-75.67	-75.67
23	PV_SLU_SISMA_UP	1.0000	0.00000	1.18320	48.69	48.69
24	PV_SLE	1.0000	0.00000	1.18323	19.76	19.76
24	PHDX_SLE	1.0000	0.00000	1.18323	-100.37	-100.37
24	PV_SLE_SISMA_D WN	1.0000	0.00000	1.18323	20.40	20.40
24	PHDX_SLE_SISMA	1.0000	0.00000	1.18323	-88.04	-88.04
24	PV_SLE_SISMA_UP	1.0000	0.00000	1.18323	19.13	19.13
24	PV_SLU_SISMA_D OWN	1.0000	0.00000	1.18323	21.35	21.35
24	PHDX_SLU_SISMA	1.0000	0.00000	1.18323	-89.67	-89.67
24	PV_SLU_SISMA_UP	1.0000	0.00000	1.18323	18.18	18.18
25	PHDX_SLE	1.0000	0.00000	0.89498	-109.59	-109.59
25	PHDX_SLE_SISMA	1.0000	0.00000	0.89498	-97.22	-97.22
25	PHDX_SLU_SISMA	1.0000	0.00000	0.89498	-100.62	-100.62
26	PHDX_SLE	1.0000	0.00000	0.89498	-117.18	-117.18
26	PHDX_SLE_SISMA	1.0000	0.00000	0.89498	-104.81	-104.81
26	PHDX_SLU_SISMA	1.0000	0.00000	0.89498	-109.72	-109.72
27	PHDX_SLE	1.0000	0.00000	0.89493	-124.86	-124.86
27	PHDX_SLE_SISMA	1.0000	0.00000	0.89493	-112.49	-112.49
27	PHDX_SLU_SISMA	1.0000	0.00000	0.89493	-118.92	-118.92
28	PHDX_SLE	1.0000	0.00000	0.89214	-132.45	-132.45
28	PHDX_SLE_SISMA	1.0000	0.00000	0.89214	-120.08	-120.08
28	PHDX_SLU_SISMA	1.0000	0.00000	0.89214	-128.02	-128.02

Table: Frame Loads - Distributed, Part 3 of 3

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
1	PHSX_SLE	
1	PHSX_SLE_SISMA	
1	PHSX_SLU_SISMA	
2	PHSX_SLE	
2	PHSX_SLE_SISMA	
2	PHSX_SLU_SISMA	
3	PHSX_SLE	
3	PHSX_SLE_SISMA	
3	PHSX_SLU_SISMA	
4	PHSX_SLE	
4	PHSX_SLE_SISMA	
4	PHSX_SLU_SISMA	
5	PV_SLE	
5	PHSX_SLE	
5	PV_SLE_SISMA_DOWN	
5	PHSX_SLE_SISMA	
5	PV_SLE_SISMA_UP	
5	PV_SLU_SISMA_DOWN	
5	PHSX_SLU_SISMA	
5	PV_SLU_SISMA_UP	
6	PV_SLE	
6	PHSX_SLE	
6	PV_SLE_SISMA_DOWN	
6	PHSX_SLE_SISMA	
6	PV_SLE_SISMA_UP	
6	PV_SLU_SISMA_DOWN	
6	PHSX_SLU_SISMA	
6	PV_SLU_SISMA_UP	
7	PV_SLE	
7	PHSX_SLE	
7	PV_SLE_SISMA_DOWN	
7	PHSX_SLE_SISMA	
7	PV_SLE_SISMA_UP	
7	PV_SLU_SISMA_DOWN	
7	PHSX_SLU_SISMA	
7	PV_SLU_SISMA_UP	
8	PV_SLE	
8	PHSX_SLE	
8	PV_SLE_SISMA_DOWN	
8	PHSX_SLE_SISMA	
8	PV_SLE_SISMA_UP	
8	PV_SLU_SISMA_DOWN	
8	PHSX_SLU_SISMA	
8	PV_SLU_SISMA_UP	
9	PV_SLE	
9	PHSX_SLE	
9	PV_SLE_SISMA_DOWN	
9	PHSX_SLE_SISMA	
9	PV_SLE_SISMA_UP	

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
9	PV_SLU_SISMA_D OWN	
9	PHSX_SLU_SISMA	
9	PV_SLU_SISMA_UP	
10	PV_SLE	
10	PHSX_SLE	
10	PV_SLE_SISMA_DO WN	
10	PHSX_SLE_SISMA	
10	PV_SLE_SISMA_UP	
10	PV_SLU_SISMA_D OWN	
10	PHSX_SLU_SISMA	
10	PV_SLU_SISMA_UP	
11	PV_SLE	
11	PHSX_SLE	
11	PV_SLE_SISMA_DO WN	
11	PHSX_SLE_SISMA	
11	PV_SLE_SISMA_UP	
11	PV_SLU_SISMA_D OWN	
11	PHSX_SLU_SISMA	
11	PV_SLU_SISMA_UP	
12	PV_SLE	
12	PHSX_SLE	
12	PV_SLE_SISMA_DO WN	
12	PHSX_SLE_SISMA	
12	PV_SLE_SISMA_UP	
12	PV_SLU_SISMA_D OWN	
12	PHSX_SLU_SISMA	
12	PV_SLU_SISMA_UP	
13	PV_SLE	
13	PHSX_SLE	
13	PV_SLE_SISMA_DO WN	
13	PHSX_SLE_SISMA	
13	PV_SLE_SISMA_UP	
13	PV_SLU_SISMA_D OWN	
13	PHSX_SLU_SISMA	
13	PV_SLU_SISMA_UP	
14	PV_SLE	
14	PHSX_SLE	
14	PV_SLE_SISMA_DO WN	
14	PHSX_SLE_SISMA	
14	PV_SLE_SISMA_UP	
14	PV_SLU_SISMA_D OWN	
14	PHSX_SLU_SISMA	
14	PV_SLU_SISMA_UP	
15	PV_SLE	
15	PHDX_SLE	
15	PV_SLE_SISMA_DO WN	
15	PHDX_SLE_SISMA	
15	PV_SLE_SISMA_UP	
15	PV_SLU_SISMA_D OWN	

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
15	PHDX_SLU_SISMA	
15	PV_SLU_SISMA_UP	
16	PV_SLE	
16	PHDX_SLE	
16	PV_SLE_SISMA_DO	
	WN	
16	PHDX_SLE_SISMA	
16	PV_SLE_SISMA_UP	
16	PV_SLU_SISMA_D	
	OWN	
16	PHDX_SLU_SISMA	
16	PV_SLU_SISMA_UP	
17	PV_SLE	
17	PHDX_SLE	
17	PV_SLE_SISMA_DO	
	WN	
17	PHDX_SLE_SISMA	
17	PV_SLE_SISMA_UP	
17	PV_SLU_SISMA_D	
	OWN	
17	PHDX_SLU_SISMA	
17	PV_SLU_SISMA_UP	
18	PV_SLE	
18	PHDX_SLE	
18	PV_SLE_SISMA_DO	
	WN	
18	PHDX_SLE_SISMA	
18	PV_SLE_SISMA_UP	
18	PV_SLU_SISMA_D	
	OWN	
18	PHDX_SLU_SISMA	
18	PV_SLU_SISMA_UP	
19	PV_SLE	
19	PHDX_SLE	
19	PV_SLE_SISMA_DO	
	WN	
19	PHDX_SLE_SISMA	
19	PV_SLE_SISMA_UP	
19	PV_SLU_SISMA_D	
	OWN	
19	PHDX_SLU_SISMA	
19	PV_SLU_SISMA_UP	
20	PV_SLE	
20	PHDX_SLE	
20	PV_SLE_SISMA_DO	
	WN	
20	PHDX_SLE_SISMA	
20	PV_SLE_SISMA_UP	
20	PV_SLU_SISMA_D	
	OWN	
20	PHDX_SLU_SISMA	
20	PV_SLU_SISMA_UP	
21	PV_SLE	
21	PHDX_SLE	
21	PV_SLE_SISMA_DO	
	WN	
21	PHDX_SLE_SISMA	
21	PV_SLE_SISMA_UP	
21	PV_SLU_SISMA_D	
	OWN	
21	PHDX_SLU_SISMA	
21	PV_SLU_SISMA_UP	

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
22	PV_SLE	
22	PHDX_SLE	
22	PV_SLE_SISMA_DO WN	
22	PHDX_SLE_SISMA	
22	PV_SLE_SISMA_UP	
22	PV_SLU_SISMA_D OWN	
22	PHDX_SLU_SISMA	
22	PV_SLU_SISMA_UP	
23	PV_SLE	
23	PHDX_SLE	
23	PV_SLE_SISMA_DO WN	
23	PHDX_SLE_SISMA	
23	PV_SLE_SISMA_UP	
23	PV_SLU_SISMA_D OWN	
23	PHDX_SLU_SISMA	
23	PV_SLU_SISMA_UP	
24	PV_SLE	
24	PHDX_SLE	
24	PV_SLE_SISMA_DO WN	
24	PHDX_SLE_SISMA	
24	PV_SLE_SISMA_UP	
24	PV_SLU_SISMA_D OWN	
24	PHDX_SLU_SISMA	
24	PV_SLU_SISMA_UP	
25	PHDX_SLE	
25	PHDX_SLE_SISMA	
25	PHDX_SLU_SISMA	
26	PHDX_SLE	
26	PHDX_SLE_SISMA	
26	PHDX_SLU_SISMA	
27	PHDX_SLE	
27	PHDX_SLE_SISMA	
27	PHDX_SLU_SISMA	
28	PHDX_SLE	
28	PHDX_SLE_SISMA	
28	PHDX_SLU_SISMA	

Table: Frame Output Station Assignments

Table: Frame Output Station Assignments

Frame	StationType	MinNumSta	MaxStaSpcg	AddAtElmIn t	AddAtPtLoa d
1	MinNumSta	3		Yes	Yes
2	MinNumSta	3		Yes	Yes
3	MinNumSta	3		Yes	Yes
4	MinNumSta	3		Yes	Yes
5	MinNumSta	3		Yes	Yes
6	MinNumSta	3		Yes	Yes
7	MinNumSta	3		Yes	Yes
8	MinNumSta	3		Yes	Yes
9	MinNumSta	3		Yes	Yes
10	MinNumSta	3		Yes	Yes
11	MinNumSta	3		Yes	Yes

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Frame Output Station Assignments

Frame	StationType	MinNumSta	MaxStaSpcg	AddAtElmIn t	AddAtPtLoa d
12	MinNumSta	3		Yes	Yes
13	MinNumSta	3		Yes	Yes
14	MinNumSta	3		Yes	Yes
15	MinNumSta	3		Yes	Yes
16	MinNumSta	3		Yes	Yes
17	MinNumSta	3		Yes	Yes
18	MinNumSta	3		Yes	Yes
19	MinNumSta	3		Yes	Yes
20	MinNumSta	3		Yes	Yes
21	MinNumSta	3		Yes	Yes
22	MinNumSta	3		Yes	Yes
23	MinNumSta	3		Yes	Yes
24	MinNumSta	3		Yes	Yes
25	MinNumSta	3		Yes	Yes
26	MinNumSta	3		Yes	Yes
27	MinNumSta	3		Yes	Yes
28	MinNumSta	3		Yes	Yes
29	MaxStaSpcg		0.50000	Yes	Yes
30	MaxStaSpcg		0.50000	Yes	Yes
31	MinNumSta	3		Yes	Yes
32	MinNumSta	3		Yes	Yes
33	MinNumSta	3		Yes	Yes
34	MinNumSta	3		Yes	Yes
35	MinNumSta	3		Yes	Yes
36	MinNumSta	3		Yes	Yes
37	MinNumSta	3		Yes	Yes
38	MinNumSta	3		Yes	Yes
39	MinNumSta	3		Yes	Yes
40	MinNumSta	3		Yes	Yes
41	MinNumSta	3		Yes	Yes
42	MinNumSta	3		Yes	Yes
43	MaxStaSpcg		0.50000	Yes	Yes
44	MaxStaSpcg		0.50000	Yes	Yes
45	MinNumSta	3		Yes	Yes
46	MinNumSta	3		Yes	Yes

Table: Frame Release Assignments 1 - General, Part 1 of 2

Table: Frame Release Assignments 1 - General, Part 1 of 2

Frame	PI	V2I	V3I	TI	M2I	M3I	PJ	V2J
45	No	No	No	No	No	Yes	No	No
46	No	No	No	No	No	Yes	No	No

Table: Frame Release Assignments 1 - General, Part 2 of 2

Table: Frame Release Assignments 1 - General, Part 2 of 2

Frame	V3J	TJ	M2J	M3J	PartialFix
45	No	No	No	Yes	No
46	No	No	No	Yes	No

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Frame Section Assignments, Part 1 of 2

Table: Frame Section Assignments, Part 1 of 2

Frame	SectionType	AutoSelect	AnalSect	DesignSect	MatProp
1	Nonprismatic	N.A.	284_235	284_235	Default
2	Nonprismatic	N.A.	235_201	235_201	Default
3	Nonprismatic	N.A.	201_182	201_182	Default
4	Nonprismatic	N.A.	182_176	182_176	Default
5	Nonprismatic	N.A.	176_187	176_187	Default
6	Nonprismatic	N.A.	187_224	187_224	Default
7	Nonprismatic	N.A.	224_263	224_263	Default
8	Nonprismatic	N.A.	263_190	263_190	Default
9	Nonprismatic	N.A.	190_147	190_147	Default
10	Nonprismatic	N.A.	147_127	147_127	Default
11	Nonprismatic	N.A.	127_125	127_125	Default
12	Rectangular	N.A.	125	125	Default
13	Rectangular	N.A.	125	125	Default
14	Rectangular	N.A.	125	125	Default
15	Rectangular	N.A.	125	125	Default
16	Rectangular	N.A.	125	125	Default
17	Rectangular	N.A.	125	125	Default
18	Nonprismatic	N.A.	125_127	125_127	Default
19	Nonprismatic	N.A.	127_147	127_147	Default
20	Nonprismatic	N.A.	147_190	147_190	Default
21	Nonprismatic	N.A.	190_263	190_263	Default
22	Nonprismatic	N.A.	263_224	263_224	Default
23	Nonprismatic	N.A.	224_187	224_187	Default
24	Nonprismatic	N.A.	187_176	187_176	Default
25	Nonprismatic	N.A.	176_182	176_182	Default
26	Nonprismatic	N.A.	182_201	182_201	Default
27	Nonprismatic	N.A.	201_235	201_235	Default
28	Nonprismatic	N.A.	235_284	235_284	Default
29	Rectangular	N.A.	120	120	Default
30	Rectangular	N.A.	120	120	Default
31	Rectangular	N.A.	120	120	Default
32	Rectangular	N.A.	120	120	Default
33	Rectangular	N.A.	120	120	Default
34	Rectangular	N.A.	120	120	Default
35	Rectangular	N.A.	120	120	Default
36	Rectangular	N.A.	120	120	Default
37	Rectangular	N.A.	120	120	Default
38	Rectangular	N.A.	120	120	Default
39	Rectangular	N.A.	120	120	Default
40	Rectangular	N.A.	120	120	Default
41	Rectangular	N.A.	120	120	Default
42	Rectangular	N.A.	120	120	Default
43	Rectangular	N.A.	120	120	Default
44	Rectangular	N.A.	120	120	Default
45	Rectangular	N.A.	120	120	Default
46	Rectangular	N.A.	120	120	Default

Table: Frame Section Assignments, Part 2 of 2

Table: Frame Section Assignments, Part 2 of 2

Frame	NPSectType	NPSectLen m	NPSectRD
1	Default		
2	Default		
3	Default		
4	Default		
5	Default		

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Frame Section Assignments, Part 2 of 2

Frame	NPSectType	NPSectLen m	NPSectRD
6	Default		
7	Default		
8	Default		
9	Default		
10	Default		
11	Default		
12			
13			
14			
15			
16			
17			
18	Default		
19	Default		
20	Default		
21	Default		
22	Default		
23	Default		
24	Default		
25	Default		
26	Default		
27	Default		
28	Default		
29			
30			
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46			

Table: Frame Section Properties 01 - General, Part 1 of 5

Table: Frame Section Properties 01 - General, Part 1 of 5

SectionName	Material	Shape	t3 m	t2 m	Area m2	TorsConst m4
120	CONC Rck 30 MPa	Rectangular	1.200000	1.000000	1.200000	0.198439
125	CONC Rck 30 MPa	Rectangular	1.250000	1.000000	1.250000	0.213835
125_127		Nonprismatic				
127	CONC Rck 30 MPa	Rectangular	1.270000	1.000000	1.270000	0.220060
127_125		Nonprismatic				
127_147		Nonprismatic				
147	CONC Rck 30 MPa	Rectangular	1.470000	1.000000	1.470000	0.283748
147_127		Nonprismatic				
147_190		Nonprismatic				
176	CONC Rck 30 MPa	Rectangular	1.760000	1.000000	1.760000	0.378491
176_182		Nonprismatic				
176_187		Nonprismatic				

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Frame Section Properties 01 - General, Part 1 of 5

SectionName	Material	Shape	t3 m	t2 m	Area m2	TorsConst m4
182	CONC Rck 30 MPa	Rectangular	1.820000	1.000000	1.820000	0.398262
182_176		Nonprismatic				
182_201		Nonprismatic				
187	CONC Rck 30 MPa	Rectangular	1.870000	1.000000	1.870000	0.414764
187_176		Nonprismatic				
187_224		Nonprismatic				
190	CONC Rck 30 MPa	Rectangular	1.900000	1.000000	1.900000	0.424676
190_147		Nonprismatic				
190_263		Nonprismatic				
201	CONC Rck 30 MPa	Rectangular	2.010000	1.000000	2.010000	0.461072
201_182		Nonprismatic				
201_235		Nonprismatic				
218_191	CONC Rck 30 MPa	Rectangular	2.240000	1.000000	2.240000	0.537362
224		Nonprismatic				
224_187		Nonprismatic				
224_263	CONC Rck 30 MPa	Rectangular	2.350000	1.000000	2.350000	0.573907
235		Nonprismatic				
235_201		Nonprismatic				
235_284	CONC Rck 30 MPa	Rectangular	2.630000	1.000000	2.630000	0.667032
263		Nonprismatic				
263_190		Nonprismatic				
263_224	CONC Rck 30 MPa	Rectangular	2.840000	1.000000	2.840000	0.736936
284		Nonprismatic				
284_235		Nonprismatic				

Table: Frame Section Properties 01 - General, Part 2 of 5

Table: Frame Section Properties 01 - General, Part 2 of 5

SectionName	I33 m4	I22 m4	AS2 m2	AS3 m2	S33 m3	S22 m3	Z33 m3
120	0.144000	0.100000	1.000000	1.000000	0.240000	0.200000	0.360000
125	0.162760	0.104167	1.041667	1.041667	0.260417	0.208333	0.390625
125_127	0.170699	0.105833	1.058333	1.058333	0.268817	0.211667	0.403225
127							
127_125							
127_147	0.264710	0.122500	1.225000	1.225000	0.360150	0.245000	0.540225
147							
147_127							
147_190	0.454315	0.146667	1.466667	1.466667	0.516267	0.293333	0.774400
176							
176_182							
176_187	0.502381	0.151667	1.516667	1.516667	0.552067	0.303333	0.828100
182							
182_176							
182_201	0.544934	0.155833	1.558333	1.558333	0.582817	0.311667	0.874225
187							
187_176							
187_224	0.571583	0.158333	1.583333	1.583333	0.601667	0.316667	0.902500
190							
190_147							
190_263	0.676717	0.167500	1.675000	1.675000	0.673350	0.335000	1.010025
201							
201_182							
201_235	0.936619	0.186667	1.866667	1.866667	0.836267	0.373333	1.254400
218_191							
224							
224_187	1.081490	0.195833	1.958333	1.958333	0.920417	0.391667	1.380625
224_263							
235							

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Frame Section Properties 01 - General, Part 2 of 5

SectionName	I33 m4	I22 m4	AS2 m2	AS3 m2	S33 m3	S22 m3	Z33 m3
235_201							
235_284							
263	1.515954	0.219167	2.191667	2.191667	1.152817	0.438333	1.729225
263_190							
263_224							
284	1.908859	0.236667	2.366667	2.366667	1.344267	0.473333	2.016400
284_235							

Table: Frame Section Properties 01 - General, Part 3 of 5

Table: Frame Section Properties 01 - General, Part 3 of 5

SectionName	Z22 m3	R33 m	R22 m	ConcCol	ConcBeam	Color	TotalWt KN
120	0.300000	0.346410	0.288675	Yes	No	Blue	585.983
125	0.312500	0.360844	0.288675	Yes	No	White	221.899
125_127						White	
127	0.317500	0.366617	0.288675	Yes	No	White	0.000
127_125						Blue	
127_147						Blue	
147	0.367500	0.424352	0.288675	Yes	No	Blue	0.000
147_127						White	
147_190						White	
176	0.440000	0.508068	0.288675	Yes	No	Cyan	0.000
176_182						Yellow	
176_187						Blue	
182	0.455000	0.525389	0.288675	Yes	No	Blue	0.000
182_176						Cyan	
182_201						Blue	
187	0.467500	0.539823	0.288675	Yes	No	White	0.000
187_176						Cyan	
187_224						White	
190	0.475000	0.548483	0.288675	Yes	No	Magenta	0.000
190_147						White	
190_263						Cyan	
201	0.502500	0.580237	0.288675	Yes	No	Magenta	0.000
201_182						Magenta	
201_235						Cyan	
218_191						Magenta	
224	0.560000	0.646632	0.288675	Yes	No	Cyan	0.000
224_187						Magenta	
224_263						White	
235	0.587500	0.678387	0.288675	Yes	No	White	0.000
235_201						Magenta	
235_284						Yellow	
263	0.657500	0.759216	0.288675	Yes	No	Gray8Dark	0.000
263_190						Blue	
263_224						Cyan	
284	0.710000	0.819837	0.288675	Yes	No	White	0.000
284_235						Blue	

Table: Frame Section Properties 01 - General, Part 4 of 5

Table: Frame Section Properties 01 - General, Part 4 of 5

SectionName	TotalMass KN-s2/m	FromFile	AMod	A2Mod	A3Mod	JMod	I2Mod
120	59.75	No	1.000000	1.000000	1.000000	1.000000	1.000000
125	22.63	No	1.000000	1.000000	1.000000	1.000000	1.000000
125_127							

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Frame Section Properties 01 - General, Part 4 of 5

SectionName	TotalMass KN-s2/m	FromFile	AMod	A2Mod	A3Mod	JMod	I2Mod
127	0.00	No	1.000000	1.000000	1.000000	1.000000	1.000000
127_125							
127_147							
147	0.00	No	1.000000	1.000000	1.000000	1.000000	1.000000
147_127							
147_190							
176	0.00	No	1.000000	1.000000	1.000000	1.000000	1.000000
176_182							
176_187							
182	0.00	No	1.000000	1.000000	1.000000	1.000000	1.000000
182_176							
182_201							
187	0.00	No	1.000000	1.000000	1.000000	1.000000	1.000000
187_176							
187_224							
190	0.00	No	1.000000	1.000000	1.000000	1.000000	1.000000
190_147							
190_263							
201	0.00	No	1.000000	1.000000	1.000000	1.000000	1.000000
201_182							
201_235							
218_191							
224	0.00	No	1.000000	1.000000	1.000000	1.000000	1.000000
224_187							
224_263							
235	0.00	No	1.000000	1.000000	1.000000	1.000000	1.000000
235_201							
235_284							
263	0.00	No	1.000000	1.000000	1.000000	1.000000	1.000000
263_190							
263_224							
284	0.00	No	1.000000	1.000000	1.000000	1.000000	1.000000
284_235							

Table: Frame Section Properties 01 - General, Part 5 of 5

Table: Frame Section Properties 01 - General, Part 5 of 5

SectionName	I3Mod	MMod	WMod	GUID	Notes
120	1.000000	1.000000	1.000000		Added 27/10/2008 11.30.19
125	1.000000	1.000000	1.000000		Added 27/10/2008 11.30.00
125_127					Added 30/10/2008 9.53.49
127	1.000000	1.000000	1.000000		Added 29/10/2008 17.17.18
127_125					Added 10/03/2011 16.24.39
127_147					Added 30/10/2008 9.52.17
147	1.000000	1.000000	1.000000		Added 29/10/2008 17.18.11
147_127					Added 08/03/2011 16.18.06
147_190					Added 08/03/2011 16.19.21
176	1.000000	1.000000	1.000000		Added 29/10/2008 17.18.23
176_182					Added 29/10/2008 17.27.12
176_187					Added 08/03/2011 16.18.25
182	1.000000	1.000000	1.000000		Added 29/10/2008 17.17.31
182_176					Added 08/03/2011 16.19.57
182_201					Added 08/03/2011 16.19.36
187	1.000000	1.000000	1.000000		Added 29/10/2008 17.18.03
187_176					Added 30/10/2008 9.52.45
187_224					Added 08/03/2011 16.13.22
190	1.000000	1.000000	1.000000		Added 29/10/2008 17.18.34
190_147					Added 30/10/2008 9.51.50

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Frame Section Properties 01 - General, Part 5 of 5

SectionName	I3Mod	MMod	WMod	GUID	Notes
190_263					Added 08/03/2011 16.21.10
201	1.000000	1.000000	1.000000		Added 29/10/2008 17.17.49
201_182					Added 30/10/2008 9.53.16
201_235					Added 08/03/2011 16.18.47
218_191					Added 08/03/2011 16.20.14
224	1.000000	1.000000	1.000000		Added 29/10/2008 17.17.39
224_187					Added 08/03/2011 16.19.05
224_263					Added 08/03/2011 16.20.32
235	1.000000	1.000000	1.000000		Added 29/10/2008 17.18.43
235_201					Added 29/10/2008 17.28.42
235_284					Added 29/10/2008 17.19.11
263	1.000000	1.000000	1.000000		Added 27/10/2008 11.23.34
263_190					Added 29/10/2008 17.27.51
263_224					Added 29/10/2008 17.28.19
284	1.000000	1.000000	1.000000		Added 10/03/2011 16.07.53
284_235					Added 08/03/2011 16.20.51

Table: Frame Section Properties 02 - Concrete Column, Part 1 of 2

Table: Frame Section Properties 02 - Concrete Column, Part 1 of 2

SectionName	RebarMatL	RebarMatC	ReinfConfig	LatReinf	Cover	NumBars3Dir	NumBars2Dir	BarSizeL
					m			
120	A615Gr60	A615Gr60	Rectangular	Ties	0.040000	3	3	#9
125	A615Gr60	A615Gr60	Rectangular	Ties	0.040000	3	3	#9
127	A615Gr60	A615Gr60	Rectangular	Ties	0.040000	3	3	#9
147	A615Gr60	A615Gr60	Rectangular	Ties	0.040000	3	3	#9
176	A615Gr60	A615Gr60	Rectangular	Ties	0.040000	3	3	#9
182	A615Gr60	A615Gr60	Rectangular	Ties	0.040000	3	3	#9
187	A615Gr60	A615Gr60	Rectangular	Ties	0.040000	3	3	#9
190	A615Gr60	A615Gr60	Rectangular	Ties	0.040000	3	3	#9
201	A615Gr60	A615Gr60	Rectangular	Ties	0.040000	3	3	#9
224	A615Gr60	A615Gr60	Rectangular	Ties	0.040000	3	3	#9
235	A615Gr60	A615Gr60	Rectangular	Ties	0.040000	3	3	#9
263	A615Gr60	A615Gr60	Rectangular	Ties	0.040000	3	3	#9
284	A615Gr60	A615Gr60	Rectangular	Ties	0.040000	3	3	#9

Table: Frame Section Properties 02 - Concrete Column, Part 2 of 2

Table: Frame Section Properties 02 - Concrete Column, Part 2 of 2

SectionName	BarSizeC	SpacingC	NumCBar2	NumCBar3	ReinfType
		m			
120	#4	0.150000	3	3	Design
125	#4	0.150000	3	3	Design
127	#4	0.150000	3	3	Design
147	#4	0.150000	3	3	Design
176	#4	0.150000	3	3	Design
182	#4	0.150000	3	3	Design
187	#4	0.150000	3	3	Design
190	#4	0.150000	3	3	Design
201	#4	0.150000	3	3	Design
224	#4	0.150000	3	3	Design
235	#4	0.150000	3	3	Design
263	#4	0.150000	3	3	Design
284	#4	0.150000	3	3	Design

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Frame Section Properties 05 - Nonprismatic, Part 1 of 2

Table: Frame Section Properties 05 - Nonprismatic, Part 1 of 2

SectionName	NumSegments	SegmentNumber	StartSect	EndSect	LengthType	AbsLength m
125_127	1	1	125	127	Absolute	1.00000
127_125	1	1	127	125	Absolute	1.00000
127_147	1	1	127	147	Absolute	1.00000
147_127	1	1	147	127	Absolute	1.00000
147_190	1	1	147	190	Absolute	1.00000
176_182	1	1	176	182	Absolute	1.00000
176_187	1	1	176	187	Absolute	1.00000
182_176	1	1	182	176	Absolute	1.00000
182_201	1	1	182	201	Absolute	1.00000
187_176	1	1	187	176	Absolute	1.00000
187_224	1	1	187	224	Absolute	1.00000
190_147	1	1	190	147	Absolute	1.00000
190_263	1	1	190	263	Absolute	1.00000
201_182	1	1	201	182	Absolute	1.00000
201_235	1	1	201	235	Absolute	1.00000
218_191	1	1	235	224	Absolute	1.00000
224_187	1	1	224	187	Absolute	1.00000
224_263	1	1	224	263	Absolute	1.00000
235_201	1	1	235	201	Absolute	1.00000
235_284	1	1	235	284	Absolute	1.00000
263_190	1	1	263	190	Absolute	1.00000
263_224	1	1	263	224	Absolute	1.00000
284_235	1	1	284	235	Absolute	1.00000

Table: Frame Section Properties 05 - Nonprismatic, Part 2 of 2

Table: Frame Section Properties 05 - Nonprismatic, Part 2 of 2

SectionName	VarLength	EI33Var	EI22Var
125_127		Linear	Linear
127_125		Linear	Linear
127_147		Linear	Linear
147_127		Linear	Linear
147_190		Linear	Linear
176_182		Linear	Linear
176_187		Linear	Linear
182_176		Linear	Linear
182_201		Linear	Linear
187_176		Linear	Linear
187_224		Linear	Linear
190_147		Linear	Linear
190_263		Linear	Linear
201_182		Linear	Linear
201_235		Linear	Linear
218_191		Linear	Linear
224_187		Linear	Linear
224_263		Linear	Linear
235_201		Linear	Linear
235_284		Linear	Linear
263_190		Linear	Linear
263_224		Linear	Linear
284_235		Linear	Linear

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Frame Spring Assignments

Table: Frame Spring Assignments					
Frame	Type	Stiffness KN/m/m	SimpleType	Dir1Type	Dir
1	Simple	3663.00	Compression Only	Object Axes	2
2	Simple	3663.00	Compression Only	Object Axes	2
3	Simple	3663.00	Compression Only	Object Axes	2
4	Simple	3663.00	Compression Only	Object Axes	2
5	Simple	3663.00	Compression Only	Object Axes	-2
6	Simple	3663.00	Compression Only	Object Axes	-2
7	Simple	3663.00	Compression Only	Object Axes	-2
8	Simple	3663.00	Compression Only	Object Axes	-2
9	Simple	3663.00	Compression Only	Object Axes	-2
10	Simple	3663.00	Compression Only	Object Axes	-2
11	Simple	3663.00	Compression Only	Object Axes	-2
12	Simple	3663.00	Compression Only	Object Axes	-2
13	Simple	3663.00	Compression Only	Object Axes	-2
14	Simple	3663.00	Compression Only	Object Axes	-2
15	Simple	3663.00	Compression Only	Object Axes	-2
16	Simple	3663.00	Compression Only	Object Axes	-2
17	Simple	3663.00	Compression Only	Object Axes	-2
18	Simple	3663.00	Compression Only	Object Axes	-2
19	Simple	3663.00	Compression Only	Object Axes	-2
20	Simple	3663.00	Compression Only	Object Axes	-2
21	Simple	3663.00	Compression Only	Object Axes	-2
22	Simple	3663.00	Compression Only	Object Axes	-2
23	Simple	3663.00	Compression Only	Object Axes	-2
24	Simple	3663.00	Compression Only	Object Axes	-2
25	Simple	3663.00	Compression Only	Object Axes	-2
26	Simple	3663.00	Compression Only	Object Axes	-2
27	Simple	3663.00	Compression Only	Object Axes	-2
28	Simple	3663.00	Compression Only	Object Axes	-2
29	Simple	4078.00	Compression Only	Object Axes	2
30	Simple	4078.00	Compression Only	Object Axes	2
31	Simple	4078.00	Compression Only	Object Axes	2
32	Simple	4078.00	Compression Only	Object Axes	2
33	Simple	4078.00	Compression Only	Object Axes	2
34	Simple	4078.00	Compression Only	Object Axes	2
35	Simple	4078.00	Compression Only	Object Axes	2
36	Simple	4078.00	Compression Only	Object Axes	2
37	Simple	4078.00	Compression Only	Object Axes	2
38	Simple	4078.00	Compression Only	Object Axes	2
39	Simple	4078.00	Compression Only	Object Axes	2
40	Simple	4078.00	Compression Only	Object Axes	2
41	Simple	4078.00	Compression Only	Object Axes	2
42	Simple	4078.00	Compression Only	Object Axes	2
43	Simple	4078.00	Compression Only	Object Axes	2
44	Simple	4078.00	Compression Only	Object Axes	2

Table: Function - Plot Functions

Table: Function - Plot Functions				
PlotFunc	Type	DistType	Component	Mode
Input Energy	Energy		Input	All

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Function - Power Spectral Density - User

Table: Function - Power Spectral Density - User

Name	Frequency Cyc/sec	Value
UNIFPSD	0.0000E+00	1.000000
UNIFPSD	1.0000E+00	1.000000

Table: Function - Response Spectrum - User

Table: Function - Response Spectrum - User

Name	Period Sec	Accel	FuncDamp
UNIFRS	0.000000	1.000000	0.050000
UNIFRS	1.000000	1.000000	

Table: Function - Steady State - User

Table: Function - Steady State - User

Name	Frequency Cyc/sec	Value
UNIFSS	0.0000E+00	1.000000
UNIFSS	1.0000E+00	1.000000

Table: Function - Time History - User

Table: Function - Time History - User

Name	Time Sec	Value
RAMPTH	0.0000	0.000000
RAMPTH	1.0000	1.000000
RAMPTH	4.0000	1.000000
UNIFTH	0.0000	1.000000
UNIFTH	1.0000	1.000000

Table: Grid Lines, Part 1 of 2

Table: Grid Lines, Part 1 of 2

CoordSys	AxisDir	GridID	XRYZCoord m	LineType	LineColor	Visible	BubbleLoc
GLOBAL	X		8.53936	Primary	Gray8Dark	Yes	End
GLOBAL	X		21.93936	Primary	Gray8Dark	Yes	End
GLOBAL	Y		0.00000	Primary	Gray8Dark	Yes	End
GLOBAL	Z		2.97494	Primary	Gray8Dark	Yes	End
GLOBAL	Z		14.09774	Primary	Gray8Dark	Yes	End

Table: Grid Lines, Part 2 of 2

Table: Grid Lines, Part 2 of 2

CoordSys	AllVisible	BubbleSize m
GLOBAL	Yes	2.438400
GLOBAL		
GLOBAL		
GLOBAL		
GLOBAL		

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Groups 1 - Definitions, Part 1 of 3

Table: Groups 1 - Definitions, Part 1 of 3

GroupName	Selection	SectionCut	Steel	Concrete	Aluminum	ColdFormed	Stage
All	Yes	Yes	Yes	Yes	Yes	Yes	Yes
DXFIN	Yes	Yes	Yes	Yes	Yes	Yes	Yes
DXFIN-1	Yes	Yes	Yes	Yes	Yes	Yes	Yes
DXFIN-2	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Table: Groups 1 - Definitions, Part 2 of 3

Table: Groups 1 - Definitions, Part 2 of 3

GroupName	Bridge	AutoSeismi c	AutoWind	SelDesSteel	SelDesAlum	SelDesCold	MassWeight
All	Yes	No	No	No	No	No	Yes
DXFIN	Yes	No	No	No	No	No	Yes
DXFIN-1	Yes	No	No	No	No	No	Yes
DXFIN-2	Yes	No	No	No	No	No	Yes

Table: Groups 1 - Definitions, Part 3 of 3

Table: Groups 1 - Definitions, Part
3 of 3

GroupName	Color
All	Red
DXFIN	Black
DXFIN-1	Black
DXFIN-2	Black

Table: Groups 2 - Assignments

Table: Groups 2 - Assignments

GroupName	ObjectType	ObjectLabel
DXFIN-2	Frame	1
DXFIN-2	Frame	2
DXFIN-2	Frame	3
DXFIN-2	Frame	4
DXFIN-2	Frame	5
DXFIN-2	Frame	6
DXFIN-2	Frame	7
DXFIN-2	Frame	8
DXFIN-2	Frame	9
DXFIN-2	Frame	10
DXFIN-2	Frame	11
DXFIN-2	Frame	12
DXFIN-2	Frame	13
DXFIN-2	Frame	14
DXFIN-2	Frame	15
DXFIN-2	Frame	16
DXFIN-2	Frame	17
DXFIN-2	Frame	18
DXFIN-2	Frame	19
DXFIN-2	Frame	20
DXFIN-2	Frame	21
DXFIN-2	Frame	22
DXFIN-2	Frame	23
DXFIN-2	Frame	24

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Groups 2 - Assignments

GroupName	ObjectType	ObjectLabel
DXFIN-2	Frame	25
DXFIN-2	Frame	26
DXFIN-2	Frame	27
DXFIN-2	Frame	28
DXFIN-2	Frame	29
DXFIN-2	Frame	30
DXFIN-2	Frame	31
DXFIN-2	Frame	32
DXFIN-2	Frame	33
DXFIN-2	Frame	34
DXFIN-2	Frame	35
DXFIN-2	Frame	36
DXFIN-2	Frame	37
DXFIN-2	Frame	38
DXFIN-2	Frame	39
DXFIN-2	Frame	40
DXFIN-2	Frame	41
DXFIN-2	Frame	42
DXFIN-2	Frame	43
DXFIN-2	Frame	44
DXFIN-2	Frame	45
DXFIN-2	Frame	46

Table: Groups 3 - Masses and Weights

Table: Groups 3 - Masses and Weights

GroupName	SelfMass KN-s2/m	SelfWeight KN	TotalMassX KN-s2/m	TotalMassY KN-s2/m	TotalMassZ KN-s2/m
All	121.04	1186.982	121.04	121.04	121.04
DXFIN	0.00	0.000	0.00	0.00	0.00
DXFIN-1	0.00	0.000	0.00	0.00	0.00
DXFIN-2	121.04	1186.982	121.04	121.04	121.04

Table: Joint Coordinates, Part 1 of 2

Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR m	Y m	Z m	SpecialJt	GlobalX m
1	GLOBAL	Cartesian	42.82204	0.00000	18.31745	No	42.82204
2	GLOBAL	Cartesian	42.82204	0.00000	19.20960	No	42.82204
3	GLOBAL	Cartesian	42.82204	0.00000	20.10457	No	42.82204
4	GLOBAL	Cartesian	42.82204	0.00000	20.99955	No	42.82204
5	GLOBAL	Cartesian	42.82204	0.00000	21.89452	No	42.82204
6	GLOBAL	Cartesian	42.92096	0.00000	23.07358	No	42.92096
7	GLOBAL	Cartesian	43.21499	0.00000	24.21967	No	43.21499
8	GLOBAL	Cartesian	43.69591	0.00000	25.30073	No	43.69591
9	GLOBAL	Cartesian	44.34931	0.00000	26.28725	No	44.34931
10	GLOBAL	Cartesian	45.14692	0.00000	27.16155	No	45.14692
11	GLOBAL	Cartesian	46.06707	0.00000	27.90580	No	46.06707
12	GLOBAL	Cartesian	47.08878	0.00000	28.50303	No	47.08878
13	GLOBAL	Cartesian	48.18876	0.00000	28.93962	No	48.18876
14	GLOBAL	Cartesian	49.34194	0.00000	29.20562	No	49.34194
15	GLOBAL	Cartesian	50.52202	0.00000	29.29497	No	50.52202
16	GLOBAL	Cartesian	51.70211	0.00000	29.20562	No	51.70211
17	GLOBAL	Cartesian	52.85529	0.00000	28.93963	No	52.85529
18	GLOBAL	Cartesian	53.95527	0.00000	28.50304	No	53.95527
19	GLOBAL	Cartesian	54.97699	0.00000	27.90581	No	54.97699
20	GLOBAL	Cartesian	55.89714	0.00000	27.16157	No	55.89714

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR m	Y m	Z m	SpecialJt	GlobalX m
21	GLOBAL	Cartesian	56.69475	0.00000	26.28727	No	56.69475
22	GLOBAL	Cartesian	57.34815	0.00000	25.30076	No	57.34815
23	GLOBAL	Cartesian	57.82907	0.00000	24.21970	No	57.82907
24	GLOBAL	Cartesian	58.12311	0.00000	23.07361	No	58.12311
25	GLOBAL	Cartesian	58.22204	0.00000	21.89452	No	58.22204
26	GLOBAL	Cartesian	58.22202	0.00000	20.99955	No	58.22202
27	GLOBAL	Cartesian	58.22202	0.00000	20.10457	No	58.22202
28	GLOBAL	Cartesian	58.22204	0.00000	19.20964	No	58.22204
29	GLOBAL	Cartesian	58.22204	0.00000	18.31750	No	58.22204
30	GLOBAL	Cartesian	57.39652	0.00000	18.31750	No	57.39652
31	GLOBAL	Cartesian	56.57101	0.00000	18.31750	No	56.57101
32	GLOBAL	Cartesian	55.61118	0.00000	17.91765	No	55.61118
33	GLOBAL	Cartesian	54.62516	0.00000	17.58765	No	54.62516
34	GLOBAL	Cartesian	53.61802	0.00000	17.32920	No	53.61802
35	GLOBAL	Cartesian	52.59493	0.00000	17.14364	No	52.59493
36	GLOBAL	Cartesian	51.56117	0.00000	17.03192	No	51.56117
37	GLOBAL	Cartesian	50.52217	0.00000	16.99461	No	50.52217
38	GLOBAL	Cartesian	49.48295	0.00000	17.03191	No	49.48295
39	GLOBAL	Cartesian	48.44919	0.00000	17.14363	No	48.44919
40	GLOBAL	Cartesian	47.42611	0.00000	17.32918	No	47.42611
41	GLOBAL	Cartesian	46.41896	0.00000	17.58761	No	46.41896
42	GLOBAL	Cartesian	45.43293	0.00000	17.91761	No	45.43293
43	GLOBAL	Cartesian	44.47311	0.00000	18.31745	No	44.47311
44	GLOBAL	Cartesian	43.64757	0.00000	18.31745	No	43.64757

Table: Joint Coordinates, Part 2 of 2

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY m	GlobalZ m	GUID
1	0.00000	18.31745	
2	0.00000	19.20960	
3	0.00000	20.10457	
4	0.00000	20.99955	
5	0.00000	21.89452	
6	0.00000	23.07358	
7	0.00000	24.21967	
8	0.00000	25.30073	
9	0.00000	26.28725	
10	0.00000	27.16155	
11	0.00000	27.90580	
12	0.00000	28.50303	
13	0.00000	28.93962	
14	0.00000	29.20562	
15	0.00000	29.29497	
16	0.00000	29.20562	
17	0.00000	28.93963	
18	0.00000	28.50304	
19	0.00000	27.90581	
20	0.00000	27.16157	
21	0.00000	26.28727	
22	0.00000	25.30076	
23	0.00000	24.21970	
24	0.00000	23.07361	
25	0.00000	21.89452	
26	0.00000	20.99955	
27	0.00000	20.10457	
28	0.00000	19.20964	
29	0.00000	18.31750	

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY m	GlobalZ m	GUID
30	0.00000	18.31750	
31	0.00000	18.31750	
32	0.00000	17.91765	
33	0.00000	17.58765	
34	0.00000	17.32920	
35	0.00000	17.14364	
36	0.00000	17.03192	
37	0.00000	16.99461	
38	0.00000	17.03191	
39	0.00000	17.14363	
40	0.00000	17.32918	
41	0.00000	17.58761	
42	0.00000	17.91761	
43	0.00000	18.31745	
44	0.00000	18.31745	

Table: Joint Displacements, Part 1 of 2

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1 m	U2 m	U3 m	R1 Radians	R2 Radians
1	SLE	NonStatic	Max	0.000000	0.000000	0.000000	0.000000	0.000000
1	SLE	NonStatic	Min	-0.001339	0.000000	-0.068620	0.000000	-0.000448
1	SLE_SISMA _DOWN	NonStatic	Max	0.009264	0.000000	0.000000	0.000000	0.000205
1	SLE_SISMA _DOWN	NonStatic	Min	0.000000	0.000000	-0.066696	0.000000	0.000000
1	SLE_SISMA _UP	NonStatic	Max	0.009510	0.000000	0.000000	0.000000	0.000249
1	SLE_SISMA _UP	NonStatic	Min	0.000000	0.000000	-0.061456	0.000000	0.000000
1	SLU_SISMA _DOWN	NonStatic	Max	0.023698	0.000000	0.000000	0.000000	0.001143
1	SLU_SISMA _DOWN	NonStatic	Min	0.000000	0.000000	-0.064312	0.000000	0.000000
1	SLU_SISMA _UP	NonStatic	Max	0.023360	0.000000	0.000000	0.000000	0.001236
1	SLU_SISMA _UP	NonStatic	Min	0.000000	0.000000	-0.053311	0.000000	0.000000
2	SLE	NonStatic	Max	0.000000	0.000000	0.000000	0.000000	0.000000
2	SLE	NonStatic	Min	-0.001779	0.000000	-0.068624	0.000000	-0.000397
2	SLE_SISMA _DOWN	NonStatic	Max	0.009406	0.000000	0.000000	0.000000	0.000258
2	SLE_SISMA _DOWN	NonStatic	Min	0.000000	0.000000	-0.066700	0.000000	0.000000
2	SLE_SISMA _UP	NonStatic	Max	0.009695	0.000000	0.000000	0.000000	0.000297
2	SLE_SISMA _UP	NonStatic	Min	0.000000	0.000000	-0.061459	0.000000	0.000000
2	SLU_SISMA _DOWN	NonStatic	Max	0.024678	0.000000	0.000000	0.000000	0.001197
2	SLU_SISMA _DOWN	NonStatic	Min	0.000000	0.000000	-0.064314	0.000000	0.000000
2	SLU_SISMA _UP	NonStatic	Max	0.024431	0.000000	0.000000	0.000000	0.001279
2	SLU_SISMA _UP	NonStatic	Min	0.000000	0.000000	-0.053313	0.000000	0.000000
3	SLE	NonStatic	Max	0.000000	0.000000	0.000000	0.000000	0.000000
3	SLE	NonStatic	Min	-0.002075	0.000000	-0.068645	0.000000	-0.000294
3	SLE_SISMA _DOWN	NonStatic	Max	0.009700	0.000000	0.000000	0.000000	0.000364

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1 m	U2 m	U3 m	R1 Radians	R2 Radians
3	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.066721	0.000000	0.000000
3	SLE_SISMA_UP	NonStatic	Max	0.010020	0.000000	0.000000	0.000000	0.000393
3	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.061479	0.000000	0.000000
3	SLU_SISMA_DOWN	NonStatic	Max	0.025820	0.000000	0.000000	0.000000	0.001300
3	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.064336	0.000000	0.000000
3	SLU_SISMA_UP	NonStatic	Max	0.025637	0.000000	0.000000	0.000000	0.001362
3	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.053331	0.000000	0.000000
4	SLE	NonStatic	Max	0.000000	0.000000	0.000000	0.000000	0.000000
4	SLE	NonStatic	Min	-0.002266	0.000000	-0.068669	0.000000	-0.000157
4	SLE_SISMA_DOWN	NonStatic	Max	0.010102	0.000000	0.000000	0.000000	0.000501
4	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.066745	0.000000	0.000000
4	SLE_SISMA_UP	NonStatic	Max	0.010442	0.000000	0.000000	0.000000	0.000517
4	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.061500	0.000000	0.000000
4	SLU_SISMA_DOWN	NonStatic	Max	0.027062	0.000000	0.000000	0.000000	0.001427
4	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.064359	0.000000	0.000000
4	SLU_SISMA_UP	NonStatic	Max	0.026921	0.000000	0.000000	0.000000	0.001459
4	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.053351	0.000000	0.000000
5	SLE	NonStatic	Max	0.000000	0.000000	0.000000	0.000000	0.000000
5	SLE	NonStatic	Min	-0.002329	0.000000	-0.068693	0.000000	-3.014E-06
5	SLE_SISMA_DOWN	NonStatic	Max	0.010631	0.000000	0.000000	0.000000	0.000653
5	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.066769	0.000000	0.000000
5	SLE_SISMA_UP	NonStatic	Max	0.010977	0.000000	0.000000	0.000000	0.000652
5	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.061523	0.000000	0.000000
5	SLU_SISMA_DOWN	NonStatic	Max	0.028416	0.000000	0.000000	0.000000	0.001558
5	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.064384	0.000000	0.000000
5	SLU_SISMA_UP	NonStatic	Max	0.028287	0.000000	0.000000	0.000000	0.001554
5	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.053371	0.000000	0.000000
6	SLE	NonStatic	Max	0.000000	0.000000	0.000000	0.000000	0.000177
6	SLE	NonStatic	Min	-0.002211	0.000000	-0.068733	0.000000	0.000000
6	SLE_SISMA_DOWN	NonStatic	Max	0.011521	0.000000	0.000000	0.000000	0.000824
6	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.066874	0.000000	0.000000
6	SLE_SISMA_UP	NonStatic	Max	0.011853	0.000000	0.000000	0.000000	0.000803
6	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.061624	0.000000	0.000000
6	SLU_SISMA_DOWN	NonStatic	Max	0.030358	0.000000	0.000000	0.000000	0.001695
6	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.064577	0.000000	0.000000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1 m	U2 m	U3 m	R1 Radians	R2 Radians
6	SLU_SISMA_UP	NonStatic	Max	0.030195	0.000000	0.000000	0.000000	0.001647
6	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.053557	0.000000	0.000000
7	SLE	NonStatic	Max	0.000000	0.000000	0.000000	0.000000	0.000285
7	SLE	NonStatic	Min	-0.001929	0.000000	-0.068831	0.000000	0.000000
7	SLE_SISMA_DOWN	NonStatic	Max	0.012542	0.000000	0.000000	0.000000	0.000923
7	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.067161	0.000000	0.000000
7	SLE_SISMA_UP	NonStatic	Max	0.012841	0.000000	0.000000	0.000000	0.000890
7	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.061901	0.000000	0.000000
7	SLU_SISMA_DOWN	NonStatic	Max	0.032363	0.000000	0.000000	0.000000	0.001768
7	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.065116	0.000000	0.000000
7	SLU_SISMA_UP	NonStatic	Max	0.032125	0.000000	0.000000	0.000000	0.001693
7	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.054073	0.000000	0.000000
8	SLE	NonStatic	Max	0.000000	0.000000	0.000000	0.000000	0.000337
8	SLE	NonStatic	Min	-0.001581	0.000000	-0.069006	0.000000	0.000000
8	SLE_SISMA_DOWN	NonStatic	Max	0.013578	0.000000	0.000000	0.000000	0.000968
8	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.067641	0.000000	0.000000
8	SLE_SISMA_UP	NonStatic	Max	0.013836	0.000000	0.000000	0.000000	0.000929
8	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.062362	0.000000	0.000000
8	SLU_SISMA_DOWN	NonStatic	Max	0.034301	0.000000	0.000000	0.000000	0.001796
8	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.065998	0.000000	0.000000
8	SLU_SISMA_UP	NonStatic	Max	0.033972	0.000000	0.000000	0.000000	0.001708
8	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.054911	0.000000	0.000000
9	SLE	NonStatic	Max	0.000000	0.000000	0.000000	0.000000	0.000381
9	SLE	NonStatic	Min	-0.001221	0.000000	-0.069264	0.000000	0.000000
9	SLE_SISMA_DOWN	NonStatic	Max	0.014557	0.000000	0.000000	0.000000	0.001003
9	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.068309	0.000000	0.000000
9	SLE_SISMA_UP	NonStatic	Max	0.014772	0.000000	0.000000	0.000000	0.000958
9	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.063000	0.000000	0.000000
9	SLU_SISMA_DOWN	NonStatic	Max	0.036087	0.000000	0.000000	0.000000	0.001811
9	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.067200	0.000000	0.000000
9	SLU_SISMA_UP	NonStatic	Max	0.035662	0.000000	0.000000	0.000000	0.001711
9	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.056048	0.000000	0.000000
10	SLE	NonStatic	Max	0.000000	0.000000	0.000000	0.000000	0.000443
10	SLE	NonStatic	Min	-0.000855	0.000000	-0.069624	0.000000	0.000000
10	SLE_SISMA_DOWN	NonStatic	Max	0.015458	0.000000	0.000000	0.000000	0.001042
10	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.069156	0.000000	0.000000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1 m	U2 m	U3 m	R1 Radians	R2 Radians
10	SLE_SISMA_UP	NonStatic	Max	0.015629	0.000000	0.000000	0.000000	0.000989
10	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.063805	0.000000	0.000000
10	SLU_SISMA_DOWN	NonStatic	Max	0.037675	0.000000	0.000000	0.000000	0.001810
10	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.068675	0.000000	0.000000
10	SLU_SISMA_UP	NonStatic	Max	0.037152	0.000000	0.000000	0.000000	0.001693
10	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.057430	0.000000	0.000000
11	SLE	NonStatic	Max	0.000000	0.000000	0.000000	0.000000	0.000482
11	SLE	NonStatic	Min	-0.000504	0.000000	-0.070087	0.000000	0.000000
11	SLE_SISMA_DOWN	NonStatic	Max	0.016240	0.000000	0.000000	0.000000	0.001042
11	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.070152	0.000000	0.000000
11	SLE_SISMA_UP	NonStatic	Max	0.016367	0.000000	0.000000	0.000000	0.000983
11	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.064746	0.000000	0.000000
11	SLU_SISMA_DOWN	NonStatic	Max	0.039002	0.000000	0.000000	0.000000	0.001749
11	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.070346	0.000000	0.000000
11	SLU_SISMA_UP	NonStatic	Max	0.038383	0.000000	0.000000	0.000000	0.001622
11	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.058981	0.000000	0.000000
12	SLE	NonStatic	Max	0.000000	0.000000	0.000000	0.000000	0.000447
12	SLE	NonStatic	Min	-0.000225	0.000000	-0.070600	0.000000	0.000000
12	SLE_SISMA_DOWN	NonStatic	Max	0.016839	0.000000	0.000000	0.000000	0.000963
12	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.071211	0.000000	0.000000
12	SLE_SISMA_UP	NonStatic	Max	0.016931	0.000000	0.000000	0.000000	0.000908
12	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.065743	0.000000	0.000000
12	SLU_SISMA_DOWN	NonStatic	Max	0.040000	0.000000	0.000000	0.000000	0.001616
12	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.072093	0.000000	0.000000
12	SLU_SISMA_UP	NonStatic	Max	0.039304	0.000000	0.000000	0.000000	0.001498
12	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.060593	0.000000	0.000000
13	SLE	NonStatic	Max	0.000000	0.000000	0.000000	0.000000	0.000340
13	SLE	NonStatic	Min	-0.000057	0.000000	-0.071063	0.000000	0.000000
13	SLE_SISMA_DOWN	NonStatic	Max	0.017223	0.000000	0.000000	0.000000	0.000822
13	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.072218	0.000000	0.000000
13	SLE_SISMA_UP	NonStatic	Max	0.017291	0.000000	0.000000	0.000000	0.000778
13	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.066692	0.000000	0.000000
13	SLU_SISMA_DOWN	NonStatic	Max	0.040655	0.000000	0.000000	0.000000	0.001443
13	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.073792	0.000000	0.000000
13	SLU_SISMA_UP	NonStatic	Max	0.039912	0.000000	0.000000	0.000000	0.001354

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1 m	U2 m	U3 m	R1 Radians	R2 Radians
13	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.062172	0.000000	0.000000
14	SLE	NonStatic	Max	3.098E-06	0.000000	0.000000	0.000000	0.000183
14	SLE	NonStatic	Min	0.000000	0.000000	-0.071383	0.000000	0.000000
14	SLE_SISMA_DOWN	NonStatic	Max	0.017407	0.000000	0.000000	0.000000	0.000642
14	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.073076	0.000000	0.000000
14	SLE_SISMA_UP	NonStatic	Max	0.017465	0.000000	0.000000	0.000000	0.000616
14	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.067507	0.000000	0.000000
14	SLU_SISMA_DOWN	NonStatic	Max	0.040998	0.000000	0.000000	0.000000	0.001257
14	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.075354	0.000000	0.000000
14	SLU_SISMA_UP	NonStatic	Max	0.040235	0.000000	0.000000	0.000000	0.001209
14	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.063650	0.000000	0.000000
15	SLE	NonStatic	Max	0.000000	0.000000	0.000000	0.000000	0.000000
15	SLE	NonStatic	Min	-5.404E-07	0.000000	-0.071497	0.000000	-2.886E-08
15	SLE_SISMA_DOWN	NonStatic	Max	0.017443	0.000000	0.000000	0.000000	0.000450
15	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.073721	0.000000	0.000000
15	SLE_SISMA_UP	NonStatic	Max	0.017500	0.000000	0.000000	0.000000	0.000445
15	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.068133	0.000000	0.000000
15	SLU_SISMA_DOWN	NonStatic	Max	0.041085	0.000000	0.000000	0.000000	0.001080
15	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.076725	0.000000	0.000000
15	SLU_SISMA_UP	NonStatic	Max	0.040319	0.000000	0.000000	0.000000	0.001080
15	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.064992	0.000000	0.000000
16	SLE	NonStatic	Max	0.000000	0.000000	0.000000	0.000000	0.000000
16	SLE	NonStatic	Min	-4.174E-06	0.000000	-0.071383	0.000000	-0.000183
16	SLE_SISMA_DOWN	NonStatic	Max	0.017399	0.000000	0.000000	0.000000	0.000272
16	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.074135	0.000000	0.000000
16	SLE_SISMA_UP	NonStatic	Max	0.017455	0.000000	0.000000	0.000000	0.000289
16	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.068555	0.000000	0.000000
16	SLU_SISMA_DOWN	NonStatic	Max	0.040979	0.000000	0.000000	0.000000	0.000934
16	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.077894	0.000000	0.000000
16	SLU_SISMA_UP	NonStatic	Max	0.040211	0.000000	0.000000	0.000000	0.000982
16	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.066191	0.000000	0.000000
17	SLE	NonStatic	Max	0.000056	0.000000	0.000000	0.000000	0.000000
17	SLE	NonStatic	Min	0.000000	0.000000	-0.071063	0.000000	-0.000340
17	SLE_SISMA_DOWN	NonStatic	Max	0.017336	0.000000	0.000000	0.000000	0.000134
17	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.074345	0.000000	0.000000
17	SLE_SISMA_UP	NonStatic	Max	0.017384	0.000000	0.000000	0.000000	0.000169

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1 m	U2 m	U3 m	R1 Radians	R2 Radians
17	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.068796	0.000000	0.000000
17	SLU_SISMA_DOWN	NonStatic	Max	0.040730	0.000000	0.000000	0.000000	0.000843
17	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.078889	0.000000	0.000000
17	SLU_SISMA_UP	NonStatic	Max	0.039943	0.000000	0.000000	0.000000	0.000929
17	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.067268	0.000000	0.000000
18	SLE	NonStatic	Max	0.000224	0.000000	0.000000	0.000000	0.000000
18	SLE	NonStatic	Min	0.000000	0.000000	-0.070600	0.000000	-0.000447
18	SLE_SISMA_DOWN	NonStatic	Max	0.017290	0.000000	0.000000	0.000000	0.000060
18	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.074417	0.000000	0.000000
18	SLE_SISMA_UP	NonStatic	Max	0.017319	0.000000	0.000000	0.000000	0.000106
18	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.068915	0.000000	0.000000
18	SLU_SISMA_DOWN	NonStatic	Max	0.040358	0.000000	0.000000	0.000000	0.000824
18	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.079766	0.000000	0.000000
18	SLU_SISMA_UP	NonStatic	Max	0.039526	0.000000	0.000000	0.000000	0.000935
18	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.068260	0.000000	0.000000
19	SLE	NonStatic	Max	0.000503	0.000000	0.000000	0.000000	0.000000
19	SLE	NonStatic	Min	0.000000	0.000000	-0.070087	0.000000	-0.000482
19	SLE_SISMA_DOWN	NonStatic	Max	0.017253	0.000000	0.000000	0.000000	0.000070
19	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.074440	0.000000	0.000000
19	SLE_SISMA_UP	NonStatic	Max	0.017253	0.000000	0.000000	0.000000	0.000119
19	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.068991	0.000000	0.000000
19	SLU_SISMA_DOWN	NonStatic	Max	0.039844	0.000000	0.000000	0.000000	0.000892
19	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.080598	0.000000	0.000000
19	SLU_SISMA_UP	NonStatic	Max	0.038940	0.000000	0.000000	0.000000	0.001005
19	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.069215	0.000000	0.000000
20	SLE	NonStatic	Max	0.000854	0.000000	0.000000	0.000000	0.000000
20	SLE	NonStatic	Min	0.000000	0.000000	-0.069623	0.000000	-0.000443
20	SLE_SISMA_DOWN	NonStatic	Max	0.017177	0.000000	0.000000	0.000000	0.000151
20	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.074501	0.000000	0.000000
20	SLE_SISMA_UP	NonStatic	Max	0.017140	0.000000	0.000000	0.000000	0.000194
20	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.069098	0.000000	0.000000
20	SLU_SISMA_DOWN	NonStatic	Max	0.039132	0.000000	0.000000	0.000000	0.001017
20	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.081435	0.000000	0.000000
20	SLU_SISMA_UP	NonStatic	Max	0.038147	0.000000	0.000000	0.000000	0.001113
20	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.070156	0.000000	0.000000
21	SLE	NonStatic	Max	0.001220	0.000000	0.000000	0.000000	0.000000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1 m	U2 m	U3 m	R1 Radians	R2 Radians
21	SLE	NonStatic	Min	0.000000	0.000000	-0.069264	0.000000	-0.000381
21	SLE_SISMA _DOWN	NonStatic	Max	0.017011	0.000000	0.000000	0.000000	0.000238
21	SLE_SISMA _DOWN	NonStatic	Min	0.000000	0.000000	-0.074624	0.000000	0.000000
21	SLE_SISMA _UP	NonStatic	Max	0.016939	0.000000	0.000000	0.000000	0.000273
21	SLE_SISMA _UP	NonStatic	Min	0.000000	0.000000	-0.069255	0.000000	0.000000
21	SLU_SISMA _DOWN	NonStatic	Max	0.038194	0.000000	0.000000	0.000000	0.001123
21	SLU_SISMA _DOWN	NonStatic	Min	0.000000	0.000000	-0.082257	0.000000	0.000000
21	SLU_SISMA _UP	NonStatic	Max	0.037130	0.000000	0.000000	0.000000	0.001199
21	SLU_SISMA _UP	NonStatic	Min	0.000000	0.000000	-0.071053	0.000000	0.000000
22	SLE	NonStatic	Max	0.001580	0.000000	0.000000	0.000000	0.000000
22	SLE	NonStatic	Min	0.000000	0.000000	-0.069006	0.000000	-0.000337
22	SLE_SISMA _DOWN	NonStatic	Max	0.016753	0.000000	0.000000	0.000000	0.000293
22	SLE_SISMA _DOWN	NonStatic	Min	0.000000	0.000000	-0.074773	0.000000	0.000000
22	SLE_SISMA _UP	NonStatic	Max	0.016647	0.000000	0.000000	0.000000	0.000322
22	SLE_SISMA _UP	NonStatic	Min	0.000000	0.000000	-0.069427	0.000000	0.000000
22	SLU_SISMA _DOWN	NonStatic	Max	0.037054	0.000000	0.000000	0.000000	0.001183
22	SLU_SISMA _DOWN	NonStatic	Min	0.000000	0.000000	-0.082986	0.000000	0.000000
22	SLU_SISMA _UP	NonStatic	Max	0.035920	0.000000	0.000000	0.000000	0.001246
22	SLU_SISMA _UP	NonStatic	Min	0.000000	0.000000	-0.071831	0.000000	0.000000
23	SLE	NonStatic	Max	0.001928	0.000000	0.000000	0.000000	0.000000
23	SLE	NonStatic	Min	0.000000	0.000000	-0.068831	0.000000	-0.000285
23	SLE_SISMA _DOWN	NonStatic	Max	0.016414	0.000000	0.000000	0.000000	0.000352
23	SLE_SISMA _DOWN	NonStatic	Min	0.000000	0.000000	-0.074902	0.000000	0.000000
23	SLE_SISMA _UP	NonStatic	Max	0.016279	0.000000	0.000000	0.000000	0.000376
23	SLE_SISMA _UP	NonStatic	Min	0.000000	0.000000	-0.069570	0.000000	0.000000
23	SLU_SISMA _DOWN	NonStatic	Max	0.035747	0.000000	0.000000	0.000000	0.001244
23	SLU_SISMA _DOWN	NonStatic	Min	0.000000	0.000000	-0.083543	0.000000	0.000000
23	SLU_SISMA _UP	NonStatic	Max	0.034550	0.000000	0.000000	0.000000	0.001291
23	SLU_SISMA _UP	NonStatic	Min	0.000000	0.000000	-0.072419	0.000000	0.000000
24	SLE	NonStatic	Max	0.002211	0.000000	0.000000	0.000000	0.000000
24	SLE	NonStatic	Min	0.000000	0.000000	-0.068733	0.000000	-0.000177
24	SLE_SISMA _DOWN	NonStatic	Max	0.015957	0.000000	0.000000	0.000000	0.000470
24	SLE_SISMA _DOWN	NonStatic	Min	0.000000	0.000000	-0.074991	0.000000	0.000000
24	SLE_SISMA _UP	NonStatic	Max	0.015800	0.000000	0.000000	0.000000	0.000481
24	SLE_SISMA _UP	NonStatic	Min	0.000000	0.000000	-0.069668	0.000000	0.000000
24	SLU_SISMA _DOWN	NonStatic	Max	0.034264	0.000000	0.000000	0.000000	0.001356

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1 m	U2 m	U3 m	R1 Radians	R2 Radians
24	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.083892	0.000000	0.000000
24	SLU_SISMA_UP	NonStatic	Max	0.033025	0.000000	0.000000	0.000000	0.001375
24	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.072783	0.000000	0.000000
25	SLE	NonStatic	Max	0.002328	0.000000	0.000000	0.000000	2.950E-06
25	SLE	NonStatic	Min	0.000000	0.000000	-0.068693	0.000000	0.000000
25	SLE_SISMA_DOWN	NonStatic	Max	0.015301	0.000000	0.000000	0.000000	0.000658
25	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.075014	0.000000	0.000000
25	SLE_SISMA_UP	NonStatic	Max	0.015142	0.000000	0.000000	0.000000	0.000649
25	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.069692	0.000000	0.000000
25	SLU_SISMA_DOWN	NonStatic	Max	0.032567	0.000000	0.000000	0.000000	0.001529
25	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.083999	0.000000	0.000000
25	SLU_SISMA_UP	NonStatic	Max	0.031332	0.000000	0.000000	0.000000	0.001502
25	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.072894	0.000000	0.000000
26	SLE	NonStatic	Max	0.002265	0.000000	0.000000	0.000000	0.000157
26	SLE	NonStatic	Min	0.000000	0.000000	-0.068668	0.000000	0.000000
26	SLE_SISMA_DOWN	NonStatic	Max	0.014648	0.000000	0.000000	0.000000	0.000815
26	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.074988	0.000000	0.000000
26	SLE_SISMA_UP	NonStatic	Max	0.014504	0.000000	0.000000	0.000000	0.000789
26	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.069668	0.000000	0.000000
26	SLU_SISMA_DOWN	NonStatic	Max	0.031140	0.000000	0.000000	0.000000	0.001671
26	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.083970	0.000000	0.000000
26	SLU_SISMA_UP	NonStatic	Max	0.029946	0.000000	0.000000	0.000000	0.001608
26	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.072869	0.000000	0.000000
27	SLE	NonStatic	Max	0.002074	0.000000	0.000000	0.000000	0.000294
27	SLE	NonStatic	Min	0.000000	0.000000	-0.068645	0.000000	0.000000
27	SLE_SISMA_DOWN	NonStatic	Max	0.013868	0.000000	0.000000	0.000000	0.000951
27	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.074963	0.000000	0.000000
27	SLE_SISMA_UP	NonStatic	Max	0.013753	0.000000	0.000000	0.000000	0.000912
27	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.069645	0.000000	0.000000
27	SLU_SISMA_DOWN	NonStatic	Max	0.029601	0.000000	0.000000	0.000000	0.001797
27	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.083943	0.000000	0.000000
27	SLU_SISMA_UP	NonStatic	Max	0.028476	0.000000	0.000000	0.000000	0.001704
27	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.072846	0.000000	0.000000
28	SLE	NonStatic	Max	0.001778	0.000000	0.000000	0.000000	0.000397
28	SLE	NonStatic	Min	0.000000	0.000000	-0.068624	0.000000	0.000000
28	SLE_SISMA_DOWN	NonStatic	Max	0.012983	0.000000	0.000000	0.000000	0.001054

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1 m	U2 m	U3 m	R1 Radians	R2 Radians
28	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.074940	0.000000	0.000000
28	SLE_SISMA_UP	NonStatic	Max	0.012909	0.000000	0.000000	0.000000	0.001005
28	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.069624	0.000000	0.000000
28	SLU_SISMA_DOWN	NonStatic	Max	0.027967	0.000000	0.000000	0.000000	0.001894
28	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.083918	0.000000	0.000000
28	SLU_SISMA_UP	NonStatic	Max	0.026934	0.000000	0.000000	0.000000	0.001781
28	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.072824	0.000000	0.000000
29	SLE	NonStatic	Max	0.001339	0.000000	0.000000	0.000000	0.000448
29	SLE	NonStatic	Min	0.000000	0.000000	-0.068619	0.000000	0.000000
29	SLE_SISMA_DOWN	NonStatic	Max	0.011959	0.000000	0.000000	0.000000	0.001105
29	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.074934	0.000000	0.000000
29	SLE_SISMA_UP	NonStatic	Max	0.011936	0.000000	0.000000	0.000000	0.001051
29	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.069618	0.000000	0.000000
29	SLU_SISMA_DOWN	NonStatic	Max	0.026198	0.000000	0.000000	0.000000	0.001943
29	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.083911	0.000000	0.000000
29	SLU_SISMA_UP	NonStatic	Max	0.025281	0.000000	0.000000	0.000000	0.001821
29	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.072818	0.000000	0.000000
30	SLE	NonStatic	Max	0.001301	0.000000	0.000000	0.000000	0.000734
30	SLE	NonStatic	Min	0.000000	0.000000	-0.068106	0.000000	0.000000
30	SLE_SISMA_DOWN	NonStatic	Max	0.011921	0.000000	0.000000	0.000000	0.001384
30	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.073875	0.000000	0.000000
30	SLE_SISMA_UP	NonStatic	Max	0.011902	0.000000	0.000000	0.000000	0.001306
30	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.068615	0.000000	0.000000
30	SLU_SISMA_DOWN	NonStatic	Max	0.026163	0.000000	0.000000	0.000000	0.002209
30	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.082155	0.000000	0.000000
30	SLU_SISMA_UP	NonStatic	Max	0.025254	0.000000	0.000000	0.000000	0.002037
30	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.071188	0.000000	0.000000
31	SLE	NonStatic	Max	0.001262	0.000000	0.000000	0.000000	0.000983
31	SLE	NonStatic	Min	0.000000	0.000000	-0.067387	0.000000	0.000000
31	SLE_SISMA_DOWN	NonStatic	Max	0.011883	0.000000	0.000000	0.000000	0.001614
31	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.072621	0.000000	0.000000
31	SLE_SISMA_UP	NonStatic	Max	0.011868	0.000000	0.000000	0.000000	0.001515
31	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.067435	0.000000	0.000000
31	SLU_SISMA_DOWN	NonStatic	Max	0.026128	0.000000	0.000000	0.000000	0.002408
31	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.080226	0.000000	0.000000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1 m	U2 m	U3 m	R1 Radians	R2 Radians
31	SLU_SISMA_UP	NonStatic	Max	0.025227	0.000000	0.000000	0.000000	0.002192
31	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.069420	0.000000	0.000000
32	SLE	NonStatic	Max	0.000823	0.000000	0.000000	0.000000	0.001177
32	SLE	NonStatic	Min	0.000000	0.000000	-0.066255	0.000000	0.000000
32	SLE_SISMA_DOWN	NonStatic	Max	0.011200	0.000000	0.000000	0.000000	0.001771
32	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.070899	0.000000	0.000000
32	SLE_SISMA_UP	NonStatic	Max	0.011229	0.000000	0.000000	0.000000	0.001656
32	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.065823	0.000000	0.000000
32	SLU_SISMA_DOWN	NonStatic	Max	0.025142	0.000000	0.000000	0.000000	0.002515
32	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.077762	0.000000	0.000000
32	SLU_SISMA_UP	NonStatic	Max	0.024337	0.000000	0.000000	0.000000	0.002268
32	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.067195	0.000000	0.000000
33	SLE	NonStatic	Max	0.000438	0.000000	0.000000	0.000000	0.001177
33	SLE	NonStatic	Min	0.000000	0.000000	-0.065016	0.000000	0.000000
33	SLE_SISMA_DOWN	NonStatic	Max	0.010627	0.000000	0.000000	0.000000	0.001729
33	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.069093	0.000000	0.000000
33	SLE_SISMA_UP	NonStatic	Max	0.010696	0.000000	0.000000	0.000000	0.001614
33	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.064138	0.000000	0.000000
33	SLU_SISMA_DOWN	NonStatic	Max	0.024338	0.000000	0.000000	0.000000	0.002424
33	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.075247	0.000000	0.000000
33	SLU_SISMA_UP	NonStatic	Max	0.023617	0.000000	0.000000	0.000000	0.002182
33	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.064935	0.000000	0.000000
34	SLE	NonStatic	Max	0.000167	0.000000	0.000000	0.000000	0.001020
34	SLE	NonStatic	Min	0.000000	0.000000	-0.063847	0.000000	0.000000
34	SLE_SISMA_DOWN	NonStatic	Max	0.010220	0.000000	0.000000	0.000000	0.001531
34	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.067390	0.000000	0.000000
34	SLE_SISMA_UP	NonStatic	Max	0.010317	0.000000	0.000000	0.000000	0.001432
34	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.062548	0.000000	0.000000
34	SLU_SISMA_DOWN	NonStatic	Max	0.023764	0.000000	0.000000	0.000000	0.002185
34	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.072868	0.000000	0.000000
34	SLU_SISMA_UP	NonStatic	Max	0.023101	0.000000	0.000000	0.000000	0.001978
34	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.062792	0.000000	0.000000
35	SLE	NonStatic	Max	0.000022	0.000000	0.000000	0.000000	0.000745
35	SLE	NonStatic	Min	0.000000	0.000000	-0.062899	0.000000	0.000000
35	SLE_SISMA_DOWN	NonStatic	Max	0.009986	0.000000	0.000000	0.000000	0.001222
35	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.065939	0.000000	0.000000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1 m	U2 m	U3 m	R1 Radians	R2 Radians
35	SLE_SISMA_UP	NonStatic	Max	0.010099	0.000000	0.000000	0.000000	0.001149
35	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.061189	0.000000	0.000000
35	SLU_SISMA_DOWN	NonStatic	Max	0.023419	0.000000	0.000000	0.000000	0.001847
35	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.070768	0.000000	0.000000
35	SLU_SISMA_UP	NonStatic	Max	0.022788	0.000000	0.000000	0.000000	0.001697
35	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.060883	0.000000	0.000000
36	SLE	NonStatic	Max	0.000000	0.000000	0.000000	0.000000	0.000392
36	SLE	NonStatic	Min	-0.000018	0.000000	-0.062284	0.000000	0.000000
36	SLE_SISMA_DOWN	NonStatic	Max	0.009896	0.000000	0.000000	0.000000	0.000845
36	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.064848	0.000000	0.000000
36	SLE_SISMA_UP	NonStatic	Max	0.010015	0.000000	0.000000	0.000000	0.000804
36	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.060160	0.000000	0.000000
36	SLU_SISMA_DOWN	NonStatic	Max	0.023267	0.000000	0.000000	0.000000	0.001456
36	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.069045	0.000000	0.000000
36	SLU_SISMA_UP	NonStatic	Max	0.022647	0.000000	0.000000	0.000000	0.001378
36	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.059282	0.000000	0.000000
37	SLE	NonStatic	Max	0.000000	0.000000	0.000000	0.000000	1.875E-08
37	SLE	NonStatic	Min	-1.572E-07	0.000000	-0.062071	0.000000	0.000000
37	SLE_SISMA_DOWN	NonStatic	Max	0.009900	0.000000	0.000000	0.000000	0.000440
37	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.064177	0.000000	0.000000
37	SLE_SISMA_UP	NonStatic	Max	0.010018	0.000000	0.000000	0.000000	0.000435
37	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.059513	0.000000	0.000000
37	SLU_SISMA_DOWN	NonStatic	Max	0.023254	0.000000	0.000000	0.000000	0.001055
37	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.067744	0.000000	0.000000
37	SLU_SISMA_UP	NonStatic	Max	0.022635	0.000000	0.000000	0.000000	0.001055
37	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.058023	0.000000	0.000000
38	SLE	NonStatic	Max	0.000018	0.000000	0.000000	0.000000	0.000000
38	SLE	NonStatic	Min	0.000000	0.000000	-0.062284	0.000000	-0.000392
38	SLE_SISMA_DOWN	NonStatic	Max	0.009937	0.000000	0.000000	0.000000	0.000049
38	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.063938	0.000000	0.000000
38	SLE_SISMA_UP	NonStatic	Max	0.010054	0.000000	0.000000	0.000000	0.000080
38	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.059260	0.000000	0.000000
38	SLU_SISMA_DOWN	NonStatic	Max	0.023321	0.000000	0.000000	0.000000	0.000686
38	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.066862	0.000000	0.000000
38	SLU_SISMA_UP	NonStatic	Max	0.022701	0.000000	0.000000	0.000000	0.000764

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1 m	U2 m	U3 m	R1 Radians	R2 Radians
38	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.057098	0.000000	0.000000
39	SLE	NonStatic	Max	0.000000	0.000000	0.000000	0.000000	0.000000
39	SLE	NonStatic	Min	-0.000022	0.000000	-0.062899	0.000000	-0.000745
39	SLE_SISMA_DOWN	NonStatic	Max	0.009948	0.000000	0.000000	0.000000	0.000000
39	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.064096	0.000000	-0.000290
39	SLE_SISMA_UP	NonStatic	Max	0.010071	0.000000	0.000000	0.000000	0.000000
39	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.059366	0.000000	-0.000226
39	SLU_SISMA_DOWN	NonStatic	Max	0.023412	0.000000	0.000000	0.000000	0.000386
39	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.066347	0.000000	0.000000
39	SLU_SISMA_UP	NonStatic	Max	0.022803	0.000000	0.000000	0.000000	0.000532
39	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.056463	0.000000	0.000000
40	SLE	NonStatic	Max	0.000000	0.000000	0.000000	0.000000	0.000000
40	SLE	NonStatic	Min	-0.000167	0.000000	-0.063847	0.000000	-0.001020
40	SLE_SISMA_DOWN	NonStatic	Max	0.009892	0.000000	0.000000	0.000000	0.000000
40	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.064569	0.000000	-0.000537
40	SLE_SISMA_UP	NonStatic	Max	0.010028	0.000000	0.000000	0.000000	0.000000
40	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.059757	0.000000	-0.000448
40	SLU_SISMA_DOWN	NonStatic	Max	0.023491	0.000000	0.000000	0.000000	0.000189
40	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.066109	0.000000	0.000000
40	SLU_SISMA_UP	NonStatic	Max	0.022914	0.000000	0.000000	0.000000	0.000389
40	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.056039	0.000000	0.000000
41	SLE	NonStatic	Max	0.000000	0.000000	0.000000	0.000000	0.000000
41	SLE	NonStatic	Min	-0.000439	0.000000	-0.065016	0.000000	-0.001177
41	SLE_SISMA_DOWN	NonStatic	Max	0.009751	0.000000	0.000000	0.000000	0.000000
41	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.065237	0.000000	-0.000658
41	SLE_SISMA_UP	NonStatic	Max	0.009913	0.000000	0.000000	0.000000	0.000000
41	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.060322	0.000000	-0.000553
41	SLU_SISMA_DOWN	NonStatic	Max	0.023552	0.000000	0.000000	0.000000	0.000127
41	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.066020	0.000000	0.000000
41	SLU_SISMA_UP	NonStatic	Max	0.023031	0.000000	0.000000	0.000000	0.000357
41	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.055722	0.000000	0.000000
42	SLE	NonStatic	Max	0.000000	0.000000	0.000000	0.000000	0.000000
42	SLE	NonStatic	Min	-0.000823	0.000000	-0.066256	0.000000	-0.001178
42	SLE_SISMA_DOWN	NonStatic	Max	0.009547	0.000000	0.000000	0.000000	0.000000
42	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.065946	0.000000	-0.000616
42	SLE_SISMA_UP	NonStatic	Max	0.009744	0.000000	0.000000	0.000000	0.000000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1 m	U2 m	U3 m	R1 Radians	R2 Radians
42	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.060920	0.000000	-0.000510
42	SLU_SISMA_DOWN	NonStatic	Max	0.023623	0.000000	0.000000	0.000000	0.000228
42	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.065927	0.000000	0.000000
42	SLU_SISMA_UP	NonStatic	Max	0.023180	0.000000	0.000000	0.000000	0.000458
42	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.055388	0.000000	0.000000
43	SLE	NonStatic	Max	0.000000	0.000000	0.000000	0.000000	0.000000
43	SLE	NonStatic	Min	-0.001262	0.000000	-0.067387	0.000000	-0.000983
43	SLE_SISMA_DOWN	NonStatic	Max	0.009344	0.000000	0.000000	0.000000	0.000000
43	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.066517	0.000000	-0.000378
43	SLE_SISMA_UP	NonStatic	Max	0.009582	0.000000	0.000000	0.000000	0.000000
43	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.061389	0.000000	-0.000289
43	SLU_SISMA_DOWN	NonStatic	Max	0.023775	0.000000	0.000000	0.000000	0.000516
43	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.065662	0.000000	0.000000
43	SLU_SISMA_UP	NonStatic	Max	0.023421	0.000000	0.000000	0.000000	0.000708
43	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.054903	0.000000	0.000000
44	SLE	NonStatic	Max	0.000000	0.000000	0.000000	0.000000	0.000000
44	SLE	NonStatic	Min	-0.001301	0.000000	-0.068106	0.000000	-0.000734
44	SLE_SISMA_DOWN	NonStatic	Max	0.009304	0.000000	0.000000	0.000000	0.000000
44	SLE_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.066720	0.000000	-0.000100
44	SLE_SISMA_UP	NonStatic	Max	0.009546	0.000000	0.000000	0.000000	0.000000
44	SLE_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.061527	0.000000	-0.000032
44	SLU_SISMA_DOWN	NonStatic	Max	0.023737	0.000000	0.000000	0.000000	0.000823
44	SLU_SISMA_DOWN	NonStatic	Min	0.000000	0.000000	-0.065109	0.000000	0.000000
44	SLU_SISMA_UP	NonStatic	Max	0.023391	0.000000	0.000000	0.000000	0.000967
44	SLU_SISMA_UP	NonStatic	Min	0.000000	0.000000	-0.054210	0.000000	0.000000

Table: Joint Displacements, Part 2 of 2

Table: Joint Displacements, Part 2 of 2

Joint	OutputCase	StepType	R3 Radians
1	SLE	Max	0.000000
1	SLE	Min	0.000000
1	SLE_SISMA_DOWN	Max	0.000000
1	SLE_SISMA_DOWN	Min	0.000000
1	SLE_SISMA_UP	Max	0.000000
1	SLE_SISMA_UP	Min	0.000000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Displacements, Part 2 of 2

Joint	OutputCase	StepType	R3 Radians
1	SLU_SISMA _DOWN	Max	0.000000
1	SLU_SISMA _DOWN	Min	0.000000
1	SLU_SISMA _UP	Max	0.000000
1	SLU_SISMA _UP	Min	0.000000
2	SLE	Max	0.000000
2	SLE	Min	0.000000
2	SLE_SISMA _DOWN	Max	0.000000
2	SLE_SISMA _DOWN	Min	0.000000
2	SLE_SISMA _UP	Max	0.000000
2	SLE_SISMA _UP	Min	0.000000
2	SLU_SISMA _DOWN	Max	0.000000
2	SLU_SISMA _DOWN	Min	0.000000
2	SLU_SISMA _UP	Max	0.000000
2	SLU_SISMA _UP	Min	0.000000
3	SLE	Max	0.000000
3	SLE	Min	0.000000
3	SLE_SISMA _DOWN	Max	0.000000
3	SLE_SISMA _DOWN	Min	0.000000
3	SLE_SISMA _UP	Max	0.000000
3	SLE_SISMA _UP	Min	0.000000
3	SLU_SISMA _DOWN	Max	0.000000
3	SLU_SISMA _DOWN	Min	0.000000
3	SLU_SISMA _UP	Max	0.000000
3	SLU_SISMA _UP	Min	0.000000
4	SLE	Max	0.000000
4	SLE	Min	0.000000
4	SLE_SISMA _DOWN	Max	0.000000
4	SLE_SISMA _DOWN	Min	0.000000
4	SLE_SISMA _UP	Max	0.000000
4	SLE_SISMA _UP	Min	0.000000
4	SLU_SISMA _DOWN	Max	0.000000
4	SLU_SISMA _DOWN	Min	0.000000
4	SLU_SISMA _UP	Max	0.000000
4	SLU_SISMA _UP	Min	0.000000
5	SLE	Max	0.000000
5	SLE	Min	0.000000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Displacements, Part 2 of 2

Joint	OutputCase	StepType	R3 Radians
5	SLE_SISMA _DOWN	Max	0.000000
5	SLE_SISMA _DOWN	Min	0.000000
5	SLE_SISMA _UP	Max	0.000000
5	SLE_SISMA _UP	Min	0.000000
5	SLU_SISMA _DOWN	Max	0.000000
5	SLU_SISMA _DOWN	Min	0.000000
5	SLU_SISMA _UP	Max	0.000000
5	SLU_SISMA _UP	Min	0.000000
6	SLE	Max	0.000000
6	SLE	Min	0.000000
6	SLE_SISMA _DOWN	Max	0.000000
6	SLE_SISMA _DOWN	Min	0.000000
6	SLE_SISMA _UP	Max	0.000000
6	SLE_SISMA _UP	Min	0.000000
6	SLU_SISMA _DOWN	Max	0.000000
6	SLU_SISMA _DOWN	Min	0.000000
6	SLU_SISMA _UP	Max	0.000000
6	SLU_SISMA _UP	Min	0.000000
7	SLE	Max	0.000000
7	SLE	Min	0.000000
7	SLE_SISMA _DOWN	Max	0.000000
7	SLE_SISMA _DOWN	Min	0.000000
7	SLE_SISMA _UP	Max	0.000000
7	SLE_SISMA _UP	Min	0.000000
7	SLU_SISMA _DOWN	Max	0.000000
7	SLU_SISMA _DOWN	Min	0.000000
7	SLU_SISMA _UP	Max	0.000000
7	SLU_SISMA _UP	Min	0.000000
8	SLE	Max	0.000000
8	SLE	Min	0.000000
8	SLE_SISMA _DOWN	Max	0.000000
8	SLE_SISMA _DOWN	Min	0.000000
8	SLE_SISMA _UP	Max	0.000000
8	SLE_SISMA _UP	Min	0.000000
8	SLU_SISMA _DOWN	Max	0.000000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Displacements, Part 2 of 2

Joint	OutputCase	StepType	R3 Radians
8	SLU_SISMA _DOWN	Min	0.000000
8	SLU_SISMA _UP	Max	0.000000
8	SLU_SISMA _UP	Min	0.000000
9	SLE	Max	0.000000
9	SLE	Min	0.000000
9	SLE_SISMA _DOWN	Max	0.000000
9	SLE_SISMA _DOWN	Min	0.000000
9	SLE_SISMA _UP	Max	0.000000
9	SLE_SISMA _UP	Min	0.000000
9	SLU_SISMA _DOWN	Max	0.000000
9	SLU_SISMA _DOWN	Min	0.000000
9	SLU_SISMA _UP	Max	0.000000
9	SLU_SISMA _UP	Min	0.000000
10	SLE	Max	0.000000
10	SLE	Min	0.000000
10	SLE_SISMA _DOWN	Max	0.000000
10	SLE_SISMA _DOWN	Min	0.000000
10	SLE_SISMA _UP	Max	0.000000
10	SLE_SISMA _UP	Min	0.000000
10	SLU_SISMA _DOWN	Max	0.000000
10	SLU_SISMA _DOWN	Min	0.000000
10	SLU_SISMA _UP	Max	0.000000
10	SLU_SISMA _UP	Min	0.000000
11	SLE	Max	0.000000
11	SLE	Min	0.000000
11	SLE_SISMA _DOWN	Max	0.000000
11	SLE_SISMA _DOWN	Min	0.000000
11	SLE_SISMA _UP	Max	0.000000
11	SLE_SISMA _UP	Min	0.000000
11	SLU_SISMA _DOWN	Max	0.000000
11	SLU_SISMA _DOWN	Min	0.000000
11	SLU_SISMA _UP	Max	0.000000
11	SLU_SISMA _UP	Min	0.000000
12	SLE	Max	0.000000
12	SLE	Min	0.000000
12	SLE_SISMA _DOWN	Max	0.000000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Displacements, Part 2 of 2

Joint	OutputCase	StepType	R3 Radians
12	SLE_SISMA _DOWN	Min	0.000000
12	SLE_SISMA _UP	Max	0.000000
12	SLE_SISMA _UP	Min	0.000000
12	SLU_SISMA _DOWN	Max	0.000000
12	SLU_SISMA _DOWN	Min	0.000000
12	SLU_SISMA _UP	Max	0.000000
12	SLU_SISMA _UP	Min	0.000000
13	SLE	Max	0.000000
13	SLE	Min	0.000000
13	SLE_SISMA _DOWN	Max	0.000000
13	SLE_SISMA _DOWN	Min	0.000000
13	SLE_SISMA _UP	Max	0.000000
13	SLE_SISMA _UP	Min	0.000000
13	SLU_SISMA _DOWN	Max	0.000000
13	SLU_SISMA _DOWN	Min	0.000000
13	SLU_SISMA _UP	Max	0.000000
13	SLU_SISMA _UP	Min	0.000000
14	SLE	Max	0.000000
14	SLE	Min	0.000000
14	SLE_SISMA _DOWN	Max	0.000000
14	SLE_SISMA _DOWN	Min	0.000000
14	SLE_SISMA _UP	Max	0.000000
14	SLE_SISMA _UP	Min	0.000000
14	SLU_SISMA _DOWN	Max	0.000000
14	SLU_SISMA _DOWN	Min	0.000000
14	SLU_SISMA _UP	Max	0.000000
14	SLU_SISMA _UP	Min	0.000000
15	SLE	Max	0.000000
15	SLE	Min	0.000000
15	SLE_SISMA _DOWN	Max	0.000000
15	SLE_SISMA _DOWN	Min	0.000000
15	SLE_SISMA _UP	Max	0.000000
15	SLE_SISMA _UP	Min	0.000000
15	SLU_SISMA _DOWN	Max	0.000000
15	SLU_SISMA _DOWN	Min	0.000000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Displacements, Part 2 of 2

Joint	OutputCase	StepType	R3 Radians
15	SLU_SISMA _UP	Max	0.000000
15	SLU_SISMA _UP	Min	0.000000
16	SLE	Max	0.000000
16	SLE	Min	0.000000
16	SLE_SISMA _DOWN	Max	0.000000
16	SLE_SISMA _DOWN	Min	0.000000
16	SLE_SISMA _UP	Max	0.000000
16	SLE_SISMA _UP	Min	0.000000
16	SLU_SISMA _DOWN	Max	0.000000
16	SLU_SISMA _DOWN	Min	0.000000
16	SLU_SISMA _UP	Max	0.000000
16	SLU_SISMA _UP	Min	0.000000
17	SLE	Max	0.000000
17	SLE	Min	0.000000
17	SLE_SISMA _DOWN	Max	0.000000
17	SLE_SISMA _DOWN	Min	0.000000
17	SLE_SISMA _UP	Max	0.000000
17	SLE_SISMA _UP	Min	0.000000
17	SLU_SISMA _DOWN	Max	0.000000
17	SLU_SISMA _DOWN	Min	0.000000
17	SLU_SISMA _UP	Max	0.000000
17	SLU_SISMA _UP	Min	0.000000
18	SLE	Max	0.000000
18	SLE	Min	0.000000
18	SLE_SISMA _DOWN	Max	0.000000
18	SLE_SISMA _DOWN	Min	0.000000
18	SLE_SISMA _UP	Max	0.000000
18	SLE_SISMA _UP	Min	0.000000
18	SLU_SISMA _DOWN	Max	0.000000
18	SLU_SISMA _DOWN	Min	0.000000
18	SLU_SISMA _UP	Max	0.000000
18	SLU_SISMA _UP	Min	0.000000
19	SLE	Max	0.000000
19	SLE	Min	0.000000
19	SLE_SISMA _DOWN	Max	0.000000
19	SLE_SISMA _DOWN	Min	0.000000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Displacements, Part 2 of 2

Joint	OutputCase	StepType	R3 Radians
19	SLE_SISMA _UP	Max	0.000000
19	SLE_SISMA _UP	Min	0.000000
19	SLU_SISMA _DOWN	Max	0.000000
19	SLU_SISMA _DOWN	Min	0.000000
19	SLU_SISMA _UP	Max	0.000000
19	SLU_SISMA _UP	Min	0.000000
20	SLE	Max	0.000000
20	SLE	Min	0.000000
20	SLE_SISMA _DOWN	Max	0.000000
20	SLE_SISMA _DOWN	Min	0.000000
20	SLE_SISMA _UP	Max	0.000000
20	SLE_SISMA _UP	Min	0.000000
20	SLU_SISMA _DOWN	Max	0.000000
20	SLU_SISMA _DOWN	Min	0.000000
20	SLU_SISMA _UP	Max	0.000000
20	SLU_SISMA _UP	Min	0.000000
21	SLE	Max	0.000000
21	SLE	Min	0.000000
21	SLE_SISMA _DOWN	Max	0.000000
21	SLE_SISMA _DOWN	Min	0.000000
21	SLE_SISMA _UP	Max	0.000000
21	SLE_SISMA _UP	Min	0.000000
21	SLU_SISMA _DOWN	Max	0.000000
21	SLU_SISMA _DOWN	Min	0.000000
21	SLU_SISMA _UP	Max	0.000000
21	SLU_SISMA _UP	Min	0.000000
22	SLE	Max	0.000000
22	SLE	Min	0.000000
22	SLE_SISMA _DOWN	Max	0.000000
22	SLE_SISMA _DOWN	Min	0.000000
22	SLE_SISMA _UP	Max	0.000000
22	SLE_SISMA _UP	Min	0.000000
22	SLU_SISMA _DOWN	Max	0.000000
22	SLU_SISMA _DOWN	Min	0.000000
22	SLU_SISMA _UP	Max	0.000000
22	SLU_SISMA _UP	Min	0.000000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Displacements, Part 2 of 2

Joint	OutputCase	StepType	R3 Radians
22	SLU_SISMA _UP	Min	0.000000
23	SLE	Max	0.000000
23	SLE	Min	0.000000
23	SLE_SISMA _DOWN	Max	0.000000
23	SLE_SISMA _DOWN	Min	0.000000
23	SLE_SISMA _UP	Max	0.000000
23	SLE_SISMA _UP	Min	0.000000
23	SLU_SISMA _DOWN	Max	0.000000
23	SLU_SISMA _DOWN	Min	0.000000
23	SLU_SISMA _UP	Max	0.000000
23	SLU_SISMA _UP	Min	0.000000
24	SLE	Max	0.000000
24	SLE	Min	0.000000
24	SLE_SISMA _DOWN	Max	0.000000
24	SLE_SISMA _DOWN	Min	0.000000
24	SLE_SISMA _UP	Max	0.000000
24	SLE_SISMA _UP	Min	0.000000
24	SLU_SISMA _DOWN	Max	0.000000
24	SLU_SISMA _DOWN	Min	0.000000
24	SLU_SISMA _UP	Max	0.000000
24	SLU_SISMA _UP	Min	0.000000
25	SLE	Max	0.000000
25	SLE	Min	0.000000
25	SLE_SISMA _DOWN	Max	0.000000
25	SLE_SISMA _DOWN	Min	0.000000
25	SLE_SISMA _UP	Max	0.000000
25	SLE_SISMA _UP	Min	0.000000
25	SLU_SISMA _DOWN	Max	0.000000
25	SLU_SISMA _DOWN	Min	0.000000
25	SLU_SISMA _UP	Max	0.000000
25	SLU_SISMA _UP	Min	0.000000
26	SLE	Max	0.000000
26	SLE	Min	0.000000
26	SLE_SISMA _DOWN	Max	0.000000
26	SLE_SISMA _DOWN	Min	0.000000
26	SLE_SISMA _UP	Max	0.000000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Displacements, Part 2 of 2

Joint	OutputCase	StepType	R3
			Radians
26	SLE_SISMA _UP	Min	0.000000
26	SLU_SISMA _DOWN	Max	0.000000
26	SLU_SISMA _DOWN	Min	0.000000
26	SLU_SISMA _UP	Max	0.000000
26	SLU_SISMA _UP	Min	0.000000
27	SLE	Max	0.000000
27	SLE	Min	0.000000
27	SLE_SISMA _DOWN	Max	0.000000
27	SLE_SISMA _DOWN	Min	0.000000
27	SLE_SISMA _UP	Max	0.000000
27	SLE_SISMA _UP	Min	0.000000
27	SLU_SISMA _DOWN	Max	0.000000
27	SLU_SISMA _DOWN	Min	0.000000
27	SLU_SISMA _UP	Max	0.000000
27	SLU_SISMA _UP	Min	0.000000
28	SLE	Max	0.000000
28	SLE	Min	0.000000
28	SLE_SISMA _DOWN	Max	0.000000
28	SLE_SISMA _DOWN	Min	0.000000
28	SLE_SISMA _UP	Max	0.000000
28	SLE_SISMA _UP	Min	0.000000
28	SLU_SISMA _DOWN	Max	0.000000
28	SLU_SISMA _DOWN	Min	0.000000
28	SLU_SISMA _UP	Max	0.000000
28	SLU_SISMA _UP	Min	0.000000
29	SLE	Max	0.000000
29	SLE	Min	0.000000
29	SLE_SISMA _DOWN	Max	0.000000
29	SLE_SISMA _DOWN	Min	0.000000
29	SLE_SISMA _UP	Max	0.000000
29	SLE_SISMA _UP	Min	0.000000
29	SLU_SISMA _DOWN	Max	0.000000
29	SLU_SISMA _DOWN	Min	0.000000
29	SLU_SISMA _UP	Max	0.000000
29	SLU_SISMA _UP	Min	0.000000
30	SLE	Max	0.000000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Displacements, Part 2 of 2

Joint	OutputCase	StepType	R3 Radians
30	SLE	Min	0.000000
30	SLE_SISMA _DOWN	Max	0.000000
30	SLE_SISMA _DOWN	Min	0.000000
30	SLE_SISMA _UP	Max	0.000000
30	SLE_SISMA _UP	Min	0.000000
30	SLU_SISMA _DOWN	Max	0.000000
30	SLU_SISMA _DOWN	Min	0.000000
30	SLU_SISMA _UP	Max	0.000000
30	SLU_SISMA _UP	Min	0.000000
31	SLE	Max	0.000000
31	SLE	Min	0.000000
31	SLE_SISMA _DOWN	Max	0.000000
31	SLE_SISMA _DOWN	Min	0.000000
31	SLE_SISMA _UP	Max	0.000000
31	SLE_SISMA _UP	Min	0.000000
31	SLU_SISMA _DOWN	Max	0.000000
31	SLU_SISMA _DOWN	Min	0.000000
31	SLU_SISMA _UP	Max	0.000000
31	SLU_SISMA _UP	Min	0.000000
32	SLE	Max	0.000000
32	SLE	Min	0.000000
32	SLE_SISMA _DOWN	Max	0.000000
32	SLE_SISMA _DOWN	Min	0.000000
32	SLE_SISMA _UP	Max	0.000000
32	SLE_SISMA _UP	Min	0.000000
32	SLU_SISMA _DOWN	Max	0.000000
32	SLU_SISMA _DOWN	Min	0.000000
32	SLU_SISMA _UP	Max	0.000000
32	SLU_SISMA _UP	Min	0.000000
33	SLE	Max	0.000000
33	SLE	Min	0.000000
33	SLE_SISMA _DOWN	Max	0.000000
33	SLE_SISMA _DOWN	Min	0.000000
33	SLE_SISMA _UP	Max	0.000000
33	SLE_SISMA _UP	Min	0.000000
33	SLU_SISMA _DOWN	Max	0.000000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Displacements, Part 2 of 2

Joint	OutputCase	StepType	R3 Radians
33	SLU_SISMA _DOWN	Min	0.000000
33	SLU_SISMA _UP	Max	0.000000
33	SLU_SISMA _UP	Min	0.000000
34	SLE	Max	0.000000
34	SLE	Min	0.000000
34	SLE_SISMA _DOWN	Max	0.000000
34	SLE_SISMA _DOWN	Min	0.000000
34	SLE_SISMA _UP	Max	0.000000
34	SLE_SISMA _UP	Min	0.000000
34	SLU_SISMA _DOWN	Max	0.000000
34	SLU_SISMA _DOWN	Min	0.000000
34	SLU_SISMA _UP	Max	0.000000
34	SLU_SISMA _UP	Min	0.000000
35	SLE	Max	0.000000
35	SLE	Min	0.000000
35	SLE_SISMA _DOWN	Max	0.000000
35	SLE_SISMA _DOWN	Min	0.000000
35	SLE_SISMA _UP	Max	0.000000
35	SLE_SISMA _UP	Min	0.000000
35	SLU_SISMA _DOWN	Max	0.000000
35	SLU_SISMA _DOWN	Min	0.000000
35	SLU_SISMA _UP	Max	0.000000
35	SLU_SISMA _UP	Min	0.000000
36	SLE	Max	0.000000
36	SLE	Min	0.000000
36	SLE_SISMA _DOWN	Max	0.000000
36	SLE_SISMA _DOWN	Min	0.000000
36	SLE_SISMA _UP	Max	0.000000
36	SLE_SISMA _UP	Min	0.000000
36	SLU_SISMA _DOWN	Max	0.000000
36	SLU_SISMA _DOWN	Min	0.000000
36	SLU_SISMA _UP	Max	0.000000
36	SLU_SISMA _UP	Min	0.000000
37	SLE	Max	0.000000
37	SLE	Min	0.000000
37	SLE_SISMA _DOWN	Max	0.000000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Displacements, Part 2 of 2

Joint	OutputCase	StepType	R3 Radians
37	SLE_SISMA _DOWN	Min	0.000000
37	SLE_SISMA _UP	Max	0.000000
37	SLE_SISMA _UP	Min	0.000000
37	SLU_SISMA _DOWN	Max	0.000000
37	SLU_SISMA _DOWN	Min	0.000000
37	SLU_SISMA _UP	Max	0.000000
37	SLU_SISMA _UP	Min	0.000000
38	SLE	Max	0.000000
38	SLE	Min	0.000000
38	SLE_SISMA _DOWN	Max	0.000000
38	SLE_SISMA _DOWN	Min	0.000000
38	SLE_SISMA _UP	Max	0.000000
38	SLE_SISMA _UP	Min	0.000000
38	SLU_SISMA _DOWN	Max	0.000000
38	SLU_SISMA _DOWN	Min	0.000000
38	SLU_SISMA _UP	Max	0.000000
38	SLU_SISMA _UP	Min	0.000000
39	SLE	Max	0.000000
39	SLE	Min	0.000000
39	SLE_SISMA _DOWN	Max	0.000000
39	SLE_SISMA _DOWN	Min	0.000000
39	SLE_SISMA _UP	Max	0.000000
39	SLE_SISMA _UP	Min	0.000000
39	SLU_SISMA _DOWN	Max	0.000000
39	SLU_SISMA _DOWN	Min	0.000000
39	SLU_SISMA _UP	Max	0.000000
39	SLU_SISMA _UP	Min	0.000000
40	SLE	Max	0.000000
40	SLE	Min	0.000000
40	SLE_SISMA _DOWN	Max	0.000000
40	SLE_SISMA _DOWN	Min	0.000000
40	SLE_SISMA _UP	Max	0.000000
40	SLE_SISMA _UP	Min	0.000000
40	SLU_SISMA _DOWN	Max	0.000000
40	SLU_SISMA _DOWN	Min	0.000000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Displacements, Part 2 of 2

Joint	OutputCase	StepType	R3 Radians
40	SLU_SISMA _UP	Max	0.000000
40	SLU_SISMA _UP	Min	0.000000
41	SLE	Max	0.000000
41	SLE	Min	0.000000
41	SLE_SISMA _DOWN	Max	0.000000
41	SLE_SISMA _DOWN	Min	0.000000
41	SLE_SISMA _UP	Max	0.000000
41	SLE_SISMA _UP	Min	0.000000
41	SLU_SISMA _DOWN	Max	0.000000
41	SLU_SISMA _DOWN	Min	0.000000
41	SLU_SISMA _UP	Max	0.000000
41	SLU_SISMA _UP	Min	0.000000
42	SLE	Max	0.000000
42	SLE	Min	0.000000
42	SLE_SISMA _DOWN	Max	0.000000
42	SLE_SISMA _DOWN	Min	0.000000
42	SLE_SISMA _UP	Max	0.000000
42	SLE_SISMA _UP	Min	0.000000
42	SLU_SISMA _DOWN	Max	0.000000
42	SLU_SISMA _DOWN	Min	0.000000
42	SLU_SISMA _UP	Max	0.000000
42	SLU_SISMA _UP	Min	0.000000
43	SLE	Max	0.000000
43	SLE	Min	0.000000
43	SLE_SISMA _DOWN	Max	0.000000
43	SLE_SISMA _DOWN	Min	0.000000
43	SLE_SISMA _UP	Max	0.000000
43	SLE_SISMA _UP	Min	0.000000
43	SLU_SISMA _DOWN	Max	0.000000
43	SLU_SISMA _DOWN	Min	0.000000
43	SLU_SISMA _UP	Max	0.000000
43	SLU_SISMA _UP	Min	0.000000
44	SLE	Max	0.000000
44	SLE	Min	0.000000
44	SLE_SISMA _DOWN	Max	0.000000
44	SLE_SISMA _DOWN	Min	0.000000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Displacements, Part 2 of 2

Joint	OutputCase	StepType	R3 Radians
44	SLE_SISMA _UP	Max	0.000000
44	SLE_SISMA _UP	Min	0.000000
44	SLU_SISMA _DOWN	Max	0.000000
44	SLU_SISMA _DOWN	Min	0.000000
44	SLU_SISMA _UP	Max	0.000000
44	SLU_SISMA _UP	Min	0.000000

Table: Joint Pattern Definitions

Table: Joint
 Pattern Definitions

Pattern
Default

Table: Joint Reactions, Part 1 of 2

Table: Joint Reactions, Part 1 of 2

Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m
1	SLE	NonStatic	Max	2.189	0.000	115.505	0.0000	0.0000
1	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
1	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	112.268	0.0000	0.0000
1	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
1	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	103.446	0.0000	0.0000
1	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
1	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	108.254	0.0000	0.0000
1	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
1	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	89.736	0.0000	0.0000
1	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
2	SLE	NonStatic	Max	5.822	0.000	0.000	0.0000	0.0000
2	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
2	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
2	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
2	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
2	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
2	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
2	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
2	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
2	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Reactions, Part 1 of 2

Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m
3	SLE	NonStatic	Max	6.802	0.000	0.000	0.0000	0.0000
3	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
3	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
3	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
3	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
3	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
3	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
3	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
3	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
3	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
4	SLE	NonStatic	Max	7.428	0.000	0.000	0.0000	0.0000
4	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
4	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
4	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
4	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
4	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
4	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
4	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
4	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
4	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
5	SLE	NonStatic	Max	3.817	0.000	0.000	0.0000	0.0000
5	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
5	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
5	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
5	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
5	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
5	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
5	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
5	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
5	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
6	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
6	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
6	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
6	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
6	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
6	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Reactions, Part 1 of 2

Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m
6	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
6	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
6	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
6	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
7	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
7	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
7	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
7	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
7	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
7	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
7	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
7	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
7	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
7	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
8	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
8	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
8	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
8	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
8	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
8	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
8	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
8	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
8	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
8	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
9	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
9	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
9	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
9	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
9	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
9	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
9	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
9	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
9	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
9	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
10	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
10	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Reactions, Part 1 of 2

Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m
10	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
10	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
10	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
10	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
10	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
10	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
10	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
10	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
11	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
11	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
11	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
11	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
11	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
11	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
11	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
11	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
11	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
11	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
12	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
12	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
12	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
12	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
12	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
12	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
12	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
12	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
12	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
12	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
13	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
13	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
13	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
13	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
13	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
13	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
13	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Reactions, Part 1 of 2

Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m
13	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
13	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
13	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
14	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
14	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
14	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
14	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
14	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
14	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
14	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
14	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
14	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
14	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
15	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
15	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
15	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
15	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
15	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
15	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
15	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
15	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
15	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
15	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
16	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
16	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
16	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
16	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
16	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
16	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
16	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
16	SLU_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
16	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
16	SLU_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
17	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
17	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
17	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Reactions, Part 1 of 2

Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m
17	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
17	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
17	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
17	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
17	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
17	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
17	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
18	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
18	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
18	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
18	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
18	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
18	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
18	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
18	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
18	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
18	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
19	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
19	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
19	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
19	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
19	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
19	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
19	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
19	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
19	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
19	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
20	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
20	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
20	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
20	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
20	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
20	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
20	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
20	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Reactions, Part 1 of 2

Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m
20	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
20	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
21	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
21	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
21	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
21	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
21	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
21	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
21	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
21	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
21	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
21	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
22	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
22	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
22	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
22	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
22	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
22	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
22	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
22	SLU_SISMA_DOWN	NonStatic	Min	-0.247	0.000	-0.110	0.0000	0.0000
22	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
22	SLU_SISMA_UP	NonStatic	Min	-7.173	0.000	-3.191	0.0000	0.0000
23	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
23	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
23	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
23	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
23	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
23	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
23	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
23	SLU_SISMA_DOWN	NonStatic	Min	-29.102	0.000	-7.466	0.0000	0.0000
23	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
23	SLU_SISMA_UP	NonStatic	Min	-36.693	0.000	-10.209	0.0000	0.0000
24	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
24	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
24	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
24	SLE_SISMA_DOWN	NonStatic	Min	-20.798	0.000	-1.745	0.0000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Reactions, Part 1 of 2

Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m
24	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
24	SLE_SISMA_UP	NonStatic	Min	-21.422	0.000	-1.797	0.0000	0.0000
24	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
24	SLU_SISMA_DOWN	NonStatic	Min	-84.490	0.000	-11.561	0.0000	0.0000
24	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
24	SLU_SISMA_UP	NonStatic	Min	-87.109	0.000	-12.347	0.0000	0.0000
25	SLE	NonStatic	Max	0.000	0.000	6.281E-05	0.0000	0.0000
25	SLE	NonStatic	Min	-3.818	0.000	0.000	0.0000	0.0000
25	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
25	SLE_SISMA_DOWN	NonStatic	Min	-44.467	0.000	-1.626	0.0000	0.0000
25	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
25	SLE_SISMA_UP	NonStatic	Min	-44.824	0.000	-1.678	0.0000	0.0000
25	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
25	SLU_SISMA_DOWN	NonStatic	Min	-108.301	0.000	-4.607	0.0000	0.0000
25	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
25	SLU_SISMA_UP	NonStatic	Min	-105.624	0.000	-4.552	0.0000	0.0000
26	SLE	NonStatic	Max	0.000	0.000	6.111E-05	0.0000	0.0000
26	SLE	NonStatic	Min	-7.428	0.000	0.000	0.0000	0.0000
26	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	3.950E-04	0.0000	0.0000
26	SLE_SISMA_DOWN	NonStatic	Min	-48.023	0.000	0.000	0.0000	0.0000
26	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	3.911E-04	0.0000	0.0000
26	SLE_SISMA_UP	NonStatic	Min	-47.552	0.000	0.000	0.0000	0.0000
26	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	8.397E-04	0.0000	0.0000
26	SLU_SISMA_DOWN	NonStatic	Min	-102.090	0.000	0.000	0.0000	0.0000
26	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	8.075E-04	0.0000	0.0000
26	SLU_SISMA_UP	NonStatic	Min	-98.173	0.000	0.000	0.0000	0.0000
27	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
27	SLE	NonStatic	Min	-6.798	0.000	-5.590E-05	0.0000	0.0000
27	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
27	SLE_SISMA_DOWN	NonStatic	Min	-45.459	0.000	-3.739E-04	0.0000	0.0000
27	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
27	SLE_SISMA_UP	NonStatic	Min	-45.085	0.000	-3.708E-04	0.0000	0.0000
27	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
27	SLU_SISMA_DOWN	NonStatic	Min	-97.036	0.000	-7.981E-04	0.0000	0.0000
27	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Reactions, Part 1 of 2

Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m
27	SLU_SISMA_UP	NonStatic	Min	-93.348	0.000	-7.678E-04	0.0000	0.0000
28	SLE	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
28	SLE	NonStatic	Min	-5.818	0.000	-4.792E-05	0.0000	0.0000
28	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
28	SLE_SISMA_DOWN	NonStatic	Min	-42.493	0.000	-3.500E-04	0.0000	0.0000
28	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
28	SLE_SISMA_UP	NonStatic	Min	-42.250	0.000	-3.480E-04	0.0000	0.0000
28	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
28	SLU_SISMA_DOWN	NonStatic	Min	-91.535	0.000	-7.540E-04	0.0000	0.0000
28	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	0.000	0.0000	0.0000
28	SLU_SISMA_UP	NonStatic	Min	-88.154	0.000	-7.262E-04	0.0000	0.0000
29	SLE	NonStatic	Max	0.000	0.000	115.501	0.0000	0.0000
29	SLE	NonStatic	Min	-2.188	0.000	0.000	0.0000	0.0000
29	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	126.132	0.0000	0.0000
29	SLE_SISMA_DOWN	NonStatic	Min	-19.540	0.000	0.000	0.0000	0.0000
29	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	117.183	0.0000	0.0000
29	SLE_SISMA_UP	NonStatic	Min	-19.504	0.000	0.000	0.0000	0.0000
29	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	141.241	0.0000	0.0000
29	SLU_SISMA_DOWN	NonStatic	Min	-42.806	0.000	0.000	0.0000	0.0000
29	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	122.569	0.0000	0.0000
29	SLU_SISMA_UP	NonStatic	Min	-41.308	0.000	0.000	0.0000	0.0000
30	SLE	NonStatic	Max	0.000	0.000	229.275	0.0000	0.0000
30	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
30	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	248.696	0.0000	0.0000
30	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
30	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	230.988	0.0000	0.0000
30	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
30	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	276.572	0.0000	0.0000
30	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
30	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	239.649	0.0000	0.0000
30	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
31	SLE	NonStatic	Max	0.000	0.000	236.116	0.0000	0.0000
31	SLE	NonStatic	Min	-51.111	0.000	0.000	0.0000	0.0000
31	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	262.377	0.0000	0.0000
31	SLE_SISMA_DOWN	NonStatic	Min	-58.381	0.000	0.000	0.0000	0.0000
31	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	244.267	0.0000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Reactions, Part 1 of 2

Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m
31	SLE_SISMA_UP	NonStatic	Min	-54.473	0.000	0.000	0.0000	0.0000
31	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	299.638	0.0000	0.0000
31	SLU_SISMA_DOWN	NonStatic	Min	-68.570	0.000	0.000	0.0000	0.0000
31	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	261.248	0.0000	0.0000
31	SLU_SISMA_UP	NonStatic	Min	-60.155	0.000	0.000	0.0000	0.0000
32	SLE	NonStatic	Max	0.000	0.000	247.160	0.0000	0.0000
32	SLE	NonStatic	Min	-92.574	0.000	0.000	0.0000	0.0000
32	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	278.832	0.0000	0.0000
32	SLE_SISMA_DOWN	NonStatic	Min	-104.501	0.000	0.000	0.0000	0.0000
32	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	260.028	0.0000	0.0000
32	SLE_SISMA_UP	NonStatic	Min	-97.458	0.000	0.000	0.0000	0.0000
32	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	323.706	0.0000	0.0000
32	SLU_SISMA_DOWN	NonStatic	Min	-121.394	0.000	0.000	0.0000	0.0000
32	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	283.349	0.0000	0.0000
32	SLU_SISMA_UP	NonStatic	Min	-106.274	0.000	0.000	0.0000	0.0000
33	SLE	NonStatic	Max	0.000	0.000	253.785	0.0000	0.0000
33	SLE	NonStatic	Min	-74.822	0.000	0.000	0.0000	0.0000
33	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	281.370	0.0000	0.0000
33	SLE_SISMA_DOWN	NonStatic	Min	-83.016	0.000	0.000	0.0000	0.0000
33	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	262.145	0.0000	0.0000
33	SLE_SISMA_UP	NonStatic	Min	-77.348	0.000	0.000	0.0000	0.0000
33	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	321.092	0.0000	0.0000
33	SLU_SISMA_DOWN	NonStatic	Min	-94.807	0.000	0.000	0.0000	0.0000
33	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	280.089	0.0000	0.0000
33	SLU_SISMA_UP	NonStatic	Min	-82.715	0.000	0.000	0.0000	0.0000
34	SLE	NonStatic	Max	0.000	0.000	258.199	0.0000	0.0000
34	SLE	NonStatic	Min	-56.392	0.000	0.000	0.0000	0.0000
34	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	281.393	0.0000	0.0000
34	SLE_SISMA_DOWN	NonStatic	Min	-61.515	0.000	0.000	0.0000	0.0000
34	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	261.907	0.0000	0.0000
34	SLE_SISMA_UP	NonStatic	Min	-57.260	0.000	0.000	0.0000	0.0000
34	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	315.488	0.0000	0.0000
34	SLU_SISMA_DOWN	NonStatic	Min	-69.039	0.000	0.000	0.0000	0.0000
34	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	274.179	0.0000	0.0000
34	SLU_SISMA_UP	NonStatic	Min	-60.013	0.000	0.000	0.0000	0.0000
35	SLE	NonStatic	Max	0.000	0.000	260.932	0.0000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Reactions, Part 1 of 2

Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m
35	SLE	NonStatic	Min	-37.664	0.000	0.000	0.0000	0.0000
35	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	279.510	0.0000	0.0000
35	SLE_SISMA _DOWN	NonStatic	Min	-40.401	0.000	0.000	0.0000	0.0000
35	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	259.873	0.0000	0.0000
35	SLE_SISMA _UP	NonStatic	Min	-37.567	0.000	0.000	0.0000	0.0000
35	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	307.585	0.0000	0.0000
35	SLU_SISMA _DOWN	NonStatic	Min	-44.528	0.000	0.000	0.0000	0.0000
35	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	266.199	0.0000	0.0000
35	SLU_SISMA _UP	NonStatic	Min	-38.551	0.000	0.000	0.0000	0.0000
36	SLE	NonStatic	Max	0.000	0.000	262.383	0.0000	0.0000
36	SLE	NonStatic	Min	-18.841	0.000	0.000	0.0000	0.0000
36	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	276.186	0.0000	0.0000
36	SLE_SISMA _DOWN	NonStatic	Min	-19.886	0.000	0.000	0.0000	0.0000
36	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	256.470	0.0000	0.0000
36	SLE_SISMA _UP	NonStatic	Min	-18.471	0.000	0.000	0.0000	0.0000
36	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	297.912	0.0000	0.0000
36	SLU_SISMA _DOWN	NonStatic	Min	-21.519	0.000	0.000	0.0000	0.0000
36	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	256.592	0.0000	0.0000
36	SLU_SISMA _UP	NonStatic	Min	-18.549	0.000	0.000	0.0000	0.0000
37	SLE	NonStatic	Max	0.000	0.000	262.855	0.0000	0.0000
37	SLE	NonStatic	Min	-1.051E-03	0.000	0.000	0.0000	0.0000
37	SLE_SISMA _DOWN	NonStatic	Max	0.000	0.000	271.775	0.0000	0.0000
37	SLE_SISMA _DOWN	NonStatic	Min	-0.055	0.000	0.000	0.0000	0.0000
37	SLE_SISMA _UP	NonStatic	Max	0.000	0.000	252.025	0.0000	0.0000
37	SLE_SISMA _UP	NonStatic	Min	-0.056	0.000	0.000	0.0000	0.0000
37	SLU_SISMA _DOWN	NonStatic	Max	0.000	0.000	286.881	0.0000	0.0000
37	SLU_SISMA _DOWN	NonStatic	Min	-0.128	0.000	0.000	0.0000	0.0000
37	SLU_SISMA _UP	NonStatic	Max	0.000	0.000	245.712	0.0000	0.0000
37	SLU_SISMA _UP	NonStatic	Min	-0.125	0.000	0.000	0.0000	0.0000
38	SLE	NonStatic	Max	18.838	0.000	262.411	0.0000	0.0000
38	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
38	SLE_SISMA _DOWN	NonStatic	Max	19.069	0.000	266.381	0.0000	0.0000
38	SLE_SISMA _DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
38	SLE_SISMA _UP	NonStatic	Max	17.651	0.000	246.634	0.0000	0.0000
38	SLE_SISMA _UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
38	SLU_SISMA _DOWN	NonStatic	Max	19.589	0.000	274.650	0.0000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Reactions, Part 1 of 2

Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m
38	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
38	SLU_SISMA_UP	NonStatic	Max	16.653	0.000	233.701	0.0000	0.0000
38	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
39	SLE	NonStatic	Max	37.662	0.000	260.933	0.0000	0.0000
39	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
39	SLE_SISMA_DOWN	NonStatic	Max	37.461	0.000	259.927	0.0000	0.0000
39	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
39	SLE_SISMA_UP	NonStatic	Max	34.618	0.000	240.233	0.0000	0.0000
39	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
39	SLU_SISMA_DOWN	NonStatic	Max	37.571	0.000	261.206	0.0000	0.0000
39	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
39	SLU_SISMA_UP	NonStatic	Max	31.709	0.000	220.567	0.0000	0.0000
39	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
40	SLE	NonStatic	Max	56.390	0.000	258.201	0.0000	0.0000
40	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
40	SLE_SISMA_DOWN	NonStatic	Max	55.031	0.000	252.239	0.0000	0.0000
40	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
40	SLE_SISMA_UP	NonStatic	Max	50.756	0.000	232.668	0.0000	0.0000
40	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
40	SLU_SISMA_DOWN	NonStatic	Max	53.691	0.000	246.458	0.0000	0.0000
40	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
40	SLU_SISMA_UP	NonStatic	Max	44.916	0.000	206.268	0.0000	0.0000
40	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
41	SLE	NonStatic	Max	74.821	0.000	253.787	0.0000	0.0000
41	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
41	SLE_SISMA_DOWN	NonStatic	Max	71.564	0.000	242.945	0.0000	0.0000
41	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
41	SLE_SISMA_UP	NonStatic	Max	65.863	0.000	223.610	0.0000	0.0000
41	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
41	SLU_SISMA_DOWN	NonStatic	Max	67.708	0.000	230.144	0.0000	0.0000
41	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
41	SLU_SISMA_UP	NonStatic	Max	56.061	0.000	190.625	0.0000	0.0000
41	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
42	SLE	NonStatic	Max	92.573	0.000	247.163	0.0000	0.0000
42	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
42	SLE_SISMA_DOWN	NonStatic	Max	86.677	0.000	231.591	0.0000	0.0000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Reactions, Part 1 of 2

Joint	OutputCase	CaseType	StepType	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m
42	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
42	SLE_SISMA_UP	NonStatic	Max	79.583	0.000	212.655	0.0000	0.0000
42	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
42	SLU_SISMA_DOWN	NonStatic	Max	79.231	0.000	211.946	0.0000	0.0000
42	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
42	SLU_SISMA_UP	NonStatic	Max	64.808	0.000	173.429	0.0000	0.0000
42	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
43	SLE	NonStatic	Max	51.111	0.000	236.121	0.0000	0.0000
43	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
43	SLE_SISMA_DOWN	NonStatic	Max	47.131	0.000	225.103	0.0000	0.0000
43	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
43	SLE_SISMA_UP	NonStatic	Max	43.197	0.000	207.029	0.0000	0.0000
43	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
43	SLU_SISMA_DOWN	NonStatic	Max	41.963	0.000	211.258	0.0000	0.0000
43	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
43	SLU_SISMA_UP	NonStatic	Max	33.977	0.000	173.979	0.0000	0.0000
43	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
44	SLE	NonStatic	Max	0.000	0.000	229.282	0.0000	0.0000
44	SLE	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
44	SLE_SISMA_DOWN	NonStatic	Max	0.000	0.000	224.614	0.0000	0.0000
44	SLE_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
44	SLE_SISMA_UP	NonStatic	Max	0.000	0.000	207.132	0.0000	0.0000
44	SLE_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
44	SLU_SISMA_DOWN	NonStatic	Max	0.000	0.000	219.193	0.0000	0.0000
44	SLU_SISMA_DOWN	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000
44	SLU_SISMA_UP	NonStatic	Max	0.000	0.000	182.500	0.0000	0.0000
44	SLU_SISMA_UP	NonStatic	Min	0.000	0.000	0.000	0.0000	0.0000

Table: Joint Reactions, Part 2 of 2

Table: Joint Reactions, Part 2 of 2

Joint	OutputCase	StepType	M3 KN-m
1	SLE	Max	0.0000
1	SLE	Min	0.0000
1	SLE_SISMA_DOWN	Max	0.0000
1	SLE_SISMA_DOWN	Min	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Reactions, Part 2 of 2

Joint	OutputCase	StepType	M3 KN-m
1	SLE_SISMA _UP	Max	0.0000
1	SLE_SISMA _UP	Min	0.0000
1	SLU_SISMA _DOWN	Max	0.0000
1	SLU_SISMA _DOWN	Min	0.0000
1	SLU_SISMA _UP	Max	0.0000
1	SLU_SISMA _UP	Min	0.0000
2	SLE	Max	0.0000
2	SLE	Min	0.0000
2	SLE_SISMA _DOWN	Max	0.0000
2	SLE_SISMA _DOWN	Min	0.0000
2	SLE_SISMA _UP	Max	0.0000
2	SLE_SISMA _UP	Min	0.0000
2	SLU_SISMA _DOWN	Max	0.0000
2	SLU_SISMA _DOWN	Min	0.0000
2	SLU_SISMA _UP	Max	0.0000
2	SLU_SISMA _UP	Min	0.0000
3	SLE	Max	0.0000
3	SLE	Min	0.0000
3	SLE_SISMA _DOWN	Max	0.0000
3	SLE_SISMA _DOWN	Min	0.0000
3	SLE_SISMA _UP	Max	0.0000
3	SLE_SISMA _UP	Min	0.0000
3	SLU_SISMA _DOWN	Max	0.0000
3	SLU_SISMA _DOWN	Min	0.0000
3	SLU_SISMA _UP	Max	0.0000
3	SLU_SISMA _UP	Min	0.0000
4	SLE	Max	0.0000
4	SLE	Min	0.0000
4	SLE_SISMA _DOWN	Max	0.0000
4	SLE_SISMA _DOWN	Min	0.0000
4	SLE_SISMA _UP	Max	0.0000
4	SLE_SISMA _UP	Min	0.0000
4	SLU_SISMA _DOWN	Max	0.0000
4	SLU_SISMA _DOWN	Min	0.0000
4	SLU_SISMA _UP	Max	0.0000
4	SLU_SISMA _UP	Min	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Reactions, Part 2 of 2

Joint	OutputCase	StepType	M3 KN-m
4	SLU_SISMA _UP	Min	0.0000
5	SLE	Max	0.0000
5	SLE	Min	0.0000
5	SLE_SISMA _DOWN	Max	0.0000
5	SLE_SISMA _DOWN	Min	0.0000
5	SLE_SISMA _UP	Max	0.0000
5	SLE_SISMA _UP	Min	0.0000
5	SLU_SISMA _DOWN	Max	0.0000
5	SLU_SISMA _DOWN	Min	0.0000
5	SLU_SISMA _UP	Max	0.0000
5	SLU_SISMA _UP	Min	0.0000
6	SLE	Max	0.0000
6	SLE	Min	0.0000
6	SLE_SISMA _DOWN	Max	0.0000
6	SLE_SISMA _DOWN	Min	0.0000
6	SLE_SISMA _UP	Max	0.0000
6	SLE_SISMA _UP	Min	0.0000
6	SLU_SISMA _DOWN	Max	0.0000
6	SLU_SISMA _DOWN	Min	0.0000
6	SLU_SISMA _UP	Max	0.0000
6	SLU_SISMA _UP	Min	0.0000
7	SLE	Max	0.0000
7	SLE	Min	0.0000
7	SLE_SISMA _DOWN	Max	0.0000
7	SLE_SISMA _DOWN	Min	0.0000
7	SLE_SISMA _UP	Max	0.0000
7	SLE_SISMA _UP	Min	0.0000
7	SLU_SISMA _DOWN	Max	0.0000
7	SLU_SISMA _DOWN	Min	0.0000
7	SLU_SISMA _UP	Max	0.0000
7	SLU_SISMA _UP	Min	0.0000
8	SLE	Max	0.0000
8	SLE	Min	0.0000
8	SLE_SISMA _DOWN	Max	0.0000
8	SLE_SISMA _DOWN	Min	0.0000
8	SLE_SISMA _UP	Max	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Reactions, Part 2 of 2

Joint	OutputCase	StepType	M3 KN-m
8	SLE_SISMA _UP	Min	0.0000
8	SLU_SISMA _DOWN	Max	0.0000
8	SLU_SISMA _DOWN	Min	0.0000
8	SLU_SISMA _UP	Max	0.0000
8	SLU_SISMA _UP	Min	0.0000
9	SLE	Max	0.0000
9	SLE	Min	0.0000
9	SLE_SISMA _DOWN	Max	0.0000
9	SLE_SISMA _DOWN	Min	0.0000
9	SLE_SISMA _UP	Max	0.0000
9	SLE_SISMA _UP	Min	0.0000
9	SLU_SISMA _DOWN	Max	0.0000
9	SLU_SISMA _DOWN	Min	0.0000
9	SLU_SISMA _UP	Max	0.0000
9	SLU_SISMA _UP	Min	0.0000
10	SLE	Max	0.0000
10	SLE	Min	0.0000
10	SLE_SISMA _DOWN	Max	0.0000
10	SLE_SISMA _DOWN	Min	0.0000
10	SLE_SISMA _UP	Max	0.0000
10	SLE_SISMA _UP	Min	0.0000
10	SLU_SISMA _DOWN	Max	0.0000
10	SLU_SISMA _DOWN	Min	0.0000
10	SLU_SISMA _UP	Max	0.0000
10	SLU_SISMA _UP	Min	0.0000
11	SLE	Max	0.0000
11	SLE	Min	0.0000
11	SLE_SISMA _DOWN	Max	0.0000
11	SLE_SISMA _DOWN	Min	0.0000
11	SLE_SISMA _UP	Max	0.0000
11	SLE_SISMA _UP	Min	0.0000
11	SLU_SISMA _DOWN	Max	0.0000
11	SLU_SISMA _DOWN	Min	0.0000
11	SLU_SISMA _UP	Max	0.0000
11	SLU_SISMA _UP	Min	0.0000
12	SLE	Max	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Reactions, Part 2 of 2

Joint	OutputCase	StepType	M3 KN-m
12	SLE	Min	0.0000
12	SLE_SISMA _DOWN	Max	0.0000
12	SLE_SISMA _DOWN	Min	0.0000
12	SLE_SISMA _UP	Max	0.0000
12	SLE_SISMA _UP	Min	0.0000
12	SLU_SISMA _DOWN	Max	0.0000
12	SLU_SISMA _DOWN	Min	0.0000
12	SLU_SISMA _UP	Max	0.0000
12	SLU_SISMA _UP	Min	0.0000
13	SLE	Max	0.0000
13	SLE	Min	0.0000
13	SLE_SISMA _DOWN	Max	0.0000
13	SLE_SISMA _DOWN	Min	0.0000
13	SLE_SISMA _UP	Max	0.0000
13	SLE_SISMA _UP	Min	0.0000
13	SLU_SISMA _DOWN	Max	0.0000
13	SLU_SISMA _DOWN	Min	0.0000
13	SLU_SISMA _UP	Max	0.0000
13	SLU_SISMA _UP	Min	0.0000
14	SLE	Max	0.0000
14	SLE	Min	0.0000
14	SLE_SISMA _DOWN	Max	0.0000
14	SLE_SISMA _DOWN	Min	0.0000
14	SLE_SISMA _UP	Max	0.0000
14	SLE_SISMA _UP	Min	0.0000
14	SLU_SISMA _DOWN	Max	0.0000
14	SLU_SISMA _DOWN	Min	0.0000
14	SLU_SISMA _UP	Max	0.0000
14	SLU_SISMA _UP	Min	0.0000
15	SLE	Max	0.0000
15	SLE	Min	0.0000
15	SLE_SISMA _DOWN	Max	0.0000
15	SLE_SISMA _DOWN	Min	0.0000
15	SLE_SISMA _UP	Max	0.0000
15	SLE_SISMA _UP	Min	0.0000
15	SLU_SISMA _DOWN	Max	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Reactions, Part 2 of 2

Joint	OutputCase	StepType	M3 KN-m
15	SLU_SISMA _DOWN	Min	0.0000
15	SLU_SISMA _UP	Max	0.0000
15	SLU_SISMA _UP	Min	0.0000
16	SLE	Max	0.0000
16	SLE	Min	0.0000
16	SLE_SISMA _DOWN	Max	0.0000
16	SLE_SISMA _DOWN	Min	0.0000
16	SLE_SISMA _UP	Max	0.0000
16	SLE_SISMA _UP	Min	0.0000
16	SLU_SISMA _DOWN	Max	0.0000
16	SLU_SISMA _DOWN	Min	0.0000
16	SLU_SISMA _UP	Max	0.0000
16	SLU_SISMA _UP	Min	0.0000
17	SLE	Max	0.0000
17	SLE	Min	0.0000
17	SLE_SISMA _DOWN	Max	0.0000
17	SLE_SISMA _DOWN	Min	0.0000
17	SLE_SISMA _UP	Max	0.0000
17	SLE_SISMA _UP	Min	0.0000
17	SLU_SISMA _DOWN	Max	0.0000
17	SLU_SISMA _DOWN	Min	0.0000
17	SLU_SISMA _UP	Max	0.0000
17	SLU_SISMA _UP	Min	0.0000
18	SLE	Max	0.0000
18	SLE	Min	0.0000
18	SLE_SISMA _DOWN	Max	0.0000
18	SLE_SISMA _DOWN	Min	0.0000
18	SLE_SISMA _UP	Max	0.0000
18	SLE_SISMA _UP	Min	0.0000
18	SLU_SISMA _DOWN	Max	0.0000
18	SLU_SISMA _DOWN	Min	0.0000
18	SLU_SISMA _UP	Max	0.0000
18	SLU_SISMA _UP	Min	0.0000
19	SLE	Max	0.0000
19	SLE	Min	0.0000
19	SLE_SISMA _DOWN	Max	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Reactions, Part 2 of 2

Joint	OutputCase	StepType	M3 KN-m
19	SLE_SISMA _DOWN	Min	0.0000
19	SLE_SISMA _UP	Max	0.0000
19	SLE_SISMA _UP	Min	0.0000
19	SLU_SISMA _DOWN	Max	0.0000
19	SLU_SISMA _DOWN	Min	0.0000
19	SLU_SISMA _UP	Max	0.0000
19	SLU_SISMA _UP	Min	0.0000
20	SLE	Max	0.0000
20	SLE	Min	0.0000
20	SLE_SISMA _DOWN	Max	0.0000
20	SLE_SISMA _DOWN	Min	0.0000
20	SLE_SISMA _UP	Max	0.0000
20	SLE_SISMA _UP	Min	0.0000
20	SLU_SISMA _DOWN	Max	0.0000
20	SLU_SISMA _DOWN	Min	0.0000
20	SLU_SISMA _UP	Max	0.0000
20	SLU_SISMA _UP	Min	0.0000
21	SLE	Max	0.0000
21	SLE	Min	0.0000
21	SLE_SISMA _DOWN	Max	0.0000
21	SLE_SISMA _DOWN	Min	0.0000
21	SLE_SISMA _UP	Max	0.0000
21	SLE_SISMA _UP	Min	0.0000
21	SLU_SISMA _DOWN	Max	0.0000
21	SLU_SISMA _DOWN	Min	0.0000
21	SLU_SISMA _UP	Max	0.0000
21	SLU_SISMA _UP	Min	0.0000
22	SLE	Max	0.0000
22	SLE	Min	0.0000
22	SLE_SISMA _DOWN	Max	0.0000
22	SLE_SISMA _DOWN	Min	0.0000
22	SLE_SISMA _UP	Max	0.0000
22	SLE_SISMA _UP	Min	0.0000
22	SLU_SISMA _DOWN	Max	0.0000
22	SLU_SISMA _DOWN	Min	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Reactions, Part 2 of 2

Joint	OutputCase	StepType	M3 KN-m
22	SLU_SISMA _UP	Max	0.0000
22	SLU_SISMA _UP	Min	0.0000
23	SLE	Max	0.0000
23	SLE	Min	0.0000
23	SLE_SISMA _DOWN	Max	0.0000
23	SLE_SISMA _DOWN	Min	0.0000
23	SLE_SISMA _UP	Max	0.0000
23	SLE_SISMA _UP	Min	0.0000
23	SLU_SISMA _DOWN	Max	0.0000
23	SLU_SISMA _DOWN	Min	0.0000
23	SLU_SISMA _UP	Max	0.0000
23	SLU_SISMA _UP	Min	0.0000
24	SLE	Max	0.0000
24	SLE	Min	0.0000
24	SLE_SISMA _DOWN	Max	0.0000
24	SLE_SISMA _DOWN	Min	0.0000
24	SLE_SISMA _UP	Max	0.0000
24	SLE_SISMA _UP	Min	0.0000
24	SLU_SISMA _DOWN	Max	0.0000
24	SLU_SISMA _DOWN	Min	0.0000
24	SLU_SISMA _UP	Max	0.0000
24	SLU_SISMA _UP	Min	0.0000
25	SLE	Max	0.0000
25	SLE	Min	0.0000
25	SLE_SISMA _DOWN	Max	0.0000
25	SLE_SISMA _DOWN	Min	0.0000
25	SLE_SISMA _UP	Max	0.0000
25	SLE_SISMA _UP	Min	0.0000
25	SLU_SISMA _DOWN	Max	0.0000
25	SLU_SISMA _DOWN	Min	0.0000
25	SLU_SISMA _UP	Max	0.0000
25	SLU_SISMA _UP	Min	0.0000
26	SLE	Max	0.0000
26	SLE	Min	0.0000
26	SLE_SISMA _DOWN	Max	0.0000
26	SLE_SISMA _DOWN	Min	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Reactions, Part 2 of 2

Joint	OutputCase	StepType	M3 KN-m
26	SLE_SISMA _UP	Max	0.0000
26	SLE_SISMA _UP	Min	0.0000
26	SLU_SISMA _DOWN	Max	0.0000
26	SLU_SISMA _DOWN	Min	0.0000
26	SLU_SISMA _UP	Max	0.0000
26	SLU_SISMA _UP	Min	0.0000
27	SLE	Max	0.0000
27	SLE	Min	0.0000
27	SLE_SISMA _DOWN	Max	0.0000
27	SLE_SISMA _DOWN	Min	0.0000
27	SLE_SISMA _UP	Max	0.0000
27	SLE_SISMA _UP	Min	0.0000
27	SLU_SISMA _DOWN	Max	0.0000
27	SLU_SISMA _DOWN	Min	0.0000
27	SLU_SISMA _UP	Max	0.0000
27	SLU_SISMA _UP	Min	0.0000
28	SLE	Max	0.0000
28	SLE	Min	0.0000
28	SLE_SISMA _DOWN	Max	0.0000
28	SLE_SISMA _DOWN	Min	0.0000
28	SLE_SISMA _UP	Max	0.0000
28	SLE_SISMA _UP	Min	0.0000
28	SLU_SISMA _DOWN	Max	0.0000
28	SLU_SISMA _DOWN	Min	0.0000
28	SLU_SISMA _UP	Max	0.0000
28	SLU_SISMA _UP	Min	0.0000
29	SLE	Max	0.0000
29	SLE	Min	0.0000
29	SLE_SISMA _DOWN	Max	0.0000
29	SLE_SISMA _DOWN	Min	0.0000
29	SLE_SISMA _UP	Max	0.0000
29	SLE_SISMA _UP	Min	0.0000
29	SLU_SISMA _DOWN	Max	0.0000
29	SLU_SISMA _DOWN	Min	0.0000
29	SLU_SISMA _UP	Max	0.0000
29	SLU_SISMA _UP	Min	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Reactions, Part 2 of 2

Joint	OutputCase	StepType	M3 KN-m
29	SLU_SISMA _UP	Min	0.0000
30	SLE	Max	0.0000
30	SLE	Min	0.0000
30	SLE_SISMA _DOWN	Max	0.0000
30	SLE_SISMA _DOWN	Min	0.0000
30	SLE_SISMA _UP	Max	0.0000
30	SLE_SISMA _UP	Min	0.0000
30	SLU_SISMA _DOWN	Max	0.0000
30	SLU_SISMA _DOWN	Min	0.0000
30	SLU_SISMA _UP	Max	0.0000
30	SLU_SISMA _UP	Min	0.0000
31	SLE	Max	0.0000
31	SLE	Min	0.0000
31	SLE_SISMA _DOWN	Max	0.0000
31	SLE_SISMA _DOWN	Min	0.0000
31	SLE_SISMA _UP	Max	0.0000
31	SLE_SISMA _UP	Min	0.0000
31	SLU_SISMA _DOWN	Max	0.0000
31	SLU_SISMA _DOWN	Min	0.0000
31	SLU_SISMA _UP	Max	0.0000
31	SLU_SISMA _UP	Min	0.0000
32	SLE	Max	0.0000
32	SLE	Min	0.0000
32	SLE_SISMA _DOWN	Max	0.0000
32	SLE_SISMA _DOWN	Min	0.0000
32	SLE_SISMA _UP	Max	0.0000
32	SLE_SISMA _UP	Min	0.0000
32	SLU_SISMA _DOWN	Max	0.0000
32	SLU_SISMA _DOWN	Min	0.0000
32	SLU_SISMA _UP	Max	0.0000
32	SLU_SISMA _UP	Min	0.0000
33	SLE	Max	0.0000
33	SLE	Min	0.0000
33	SLE_SISMA _DOWN	Max	0.0000
33	SLE_SISMA _DOWN	Min	0.0000
33	SLE_SISMA _UP	Max	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Reactions, Part 2 of 2

Joint	OutputCase	StepType	M3 KN-m
33	SLE_SISMA _UP	Min	0.0000
33	SLU_SISMA _DOWN	Max	0.0000
33	SLU_SISMA _DOWN	Min	0.0000
33	SLU_SISMA _UP	Max	0.0000
33	SLU_SISMA _UP	Min	0.0000
34	SLE	Max	0.0000
34	SLE	Min	0.0000
34	SLE_SISMA _DOWN	Max	0.0000
34	SLE_SISMA _DOWN	Min	0.0000
34	SLE_SISMA _UP	Max	0.0000
34	SLE_SISMA _UP	Min	0.0000
34	SLU_SISMA _DOWN	Max	0.0000
34	SLU_SISMA _DOWN	Min	0.0000
34	SLU_SISMA _UP	Max	0.0000
34	SLU_SISMA _UP	Min	0.0000
35	SLE	Max	0.0000
35	SLE	Min	0.0000
35	SLE_SISMA _DOWN	Max	0.0000
35	SLE_SISMA _DOWN	Min	0.0000
35	SLE_SISMA _UP	Max	0.0000
35	SLE_SISMA _UP	Min	0.0000
35	SLU_SISMA _DOWN	Max	0.0000
35	SLU_SISMA _DOWN	Min	0.0000
35	SLU_SISMA _UP	Max	0.0000
35	SLU_SISMA _UP	Min	0.0000
36	SLE	Max	0.0000
36	SLE	Min	0.0000
36	SLE_SISMA _DOWN	Max	0.0000
36	SLE_SISMA _DOWN	Min	0.0000
36	SLE_SISMA _UP	Max	0.0000
36	SLE_SISMA _UP	Min	0.0000
36	SLU_SISMA _DOWN	Max	0.0000
36	SLU_SISMA _DOWN	Min	0.0000
36	SLU_SISMA _UP	Max	0.0000
36	SLU_SISMA _UP	Min	0.0000
37	SLE	Max	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Reactions, Part 2 of 2

Joint	OutputCase	StepType	M3 KN-m
37	SLE	Min	0.0000
37	SLE_SISMA _DOWN	Max	0.0000
37	SLE_SISMA _DOWN	Min	0.0000
37	SLE_SISMA _UP	Max	0.0000
37	SLE_SISMA _UP	Min	0.0000
37	SLU_SISMA _DOWN	Max	0.0000
37	SLU_SISMA _DOWN	Min	0.0000
37	SLU_SISMA _UP	Max	0.0000
37	SLU_SISMA _UP	Min	0.0000
38	SLE	Max	0.0000
38	SLE	Min	0.0000
38	SLE_SISMA _DOWN	Max	0.0000
38	SLE_SISMA _DOWN	Min	0.0000
38	SLE_SISMA _UP	Max	0.0000
38	SLE_SISMA _UP	Min	0.0000
38	SLU_SISMA _DOWN	Max	0.0000
38	SLU_SISMA _DOWN	Min	0.0000
38	SLU_SISMA _UP	Max	0.0000
38	SLU_SISMA _UP	Min	0.0000
39	SLE	Max	0.0000
39	SLE	Min	0.0000
39	SLE_SISMA _DOWN	Max	0.0000
39	SLE_SISMA _DOWN	Min	0.0000
39	SLE_SISMA _UP	Max	0.0000
39	SLE_SISMA _UP	Min	0.0000
39	SLU_SISMA _DOWN	Max	0.0000
39	SLU_SISMA _DOWN	Min	0.0000
39	SLU_SISMA _UP	Max	0.0000
39	SLU_SISMA _UP	Min	0.0000
40	SLE	Max	0.0000
40	SLE	Min	0.0000
40	SLE_SISMA _DOWN	Max	0.0000
40	SLE_SISMA _DOWN	Min	0.0000
40	SLE_SISMA _UP	Max	0.0000
40	SLE_SISMA _UP	Min	0.0000
40	SLU_SISMA _DOWN	Max	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Reactions, Part 2 of 2

Joint	OutputCase	StepType	M3 KN-m
40	SLU_SISMA _DOWN	Min	0.0000
40	SLU_SISMA _UP	Max	0.0000
40	SLU_SISMA _UP	Min	0.0000
41	SLE	Max	0.0000
41	SLE	Min	0.0000
41	SLE_SISMA _DOWN	Max	0.0000
41	SLE_SISMA _DOWN	Min	0.0000
41	SLE_SISMA _UP	Max	0.0000
41	SLE_SISMA _UP	Min	0.0000
41	SLU_SISMA _DOWN	Max	0.0000
41	SLU_SISMA _DOWN	Min	0.0000
41	SLU_SISMA _UP	Max	0.0000
41	SLU_SISMA _UP	Min	0.0000
42	SLE	Max	0.0000
42	SLE	Min	0.0000
42	SLE_SISMA _DOWN	Max	0.0000
42	SLE_SISMA _DOWN	Min	0.0000
42	SLE_SISMA _UP	Max	0.0000
42	SLE_SISMA _UP	Min	0.0000
42	SLU_SISMA _DOWN	Max	0.0000
42	SLU_SISMA _DOWN	Min	0.0000
42	SLU_SISMA _UP	Max	0.0000
42	SLU_SISMA _UP	Min	0.0000
43	SLE	Max	0.0000
43	SLE	Min	0.0000
43	SLE_SISMA _DOWN	Max	0.0000
43	SLE_SISMA _DOWN	Min	0.0000
43	SLE_SISMA _UP	Max	0.0000
43	SLE_SISMA _UP	Min	0.0000
43	SLU_SISMA _DOWN	Max	0.0000
43	SLU_SISMA _DOWN	Min	0.0000
43	SLU_SISMA _UP	Max	0.0000
43	SLU_SISMA _UP	Min	0.0000
44	SLE	Max	0.0000
44	SLE	Min	0.0000
44	SLE_SISMA _DOWN	Max	0.0000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Joint Reactions, Part 2 of 2

Joint	OutputCase	StepType	M3 KN-m
44	SLE_SISMA _DOWN	Min	0.0000
44	SLE_SISMA _UP	Max	0.0000
44	SLE_SISMA _UP	Min	0.0000
44	SLU_SISMA _DOWN	Max	0.0000
44	SLU_SISMA _DOWN	Min	0.0000
44	SLU_SISMA _UP	Max	0.0000
44	SLU_SISMA _UP	Min	0.0000

Table: Load Case Definitions, Part 1 of 2

Table: Load Case Definitions, Part 1 of 2

Case	Type	InitialCond	ModalCase	BaseCase	DesTypeOpt	DesignType	AutoType
SLE	NonStatic	Zero			Prog Det	DEAD	None
SLE_SISMA _DOWN	NonStatic	Zero			Prog Det	DEAD	None
SLE_SISMA _UP	NonStatic	Zero			Prog Det	DEAD	None
SLU_SISMA _DOWN	NonStatic	Zero			Prog Det	DEAD	None
SLU_SISMA _UP	NonStatic	Zero			Prog Det	DEAD	None

Table: Load Case Definitions, Part 2 of 2

Table: Load Case Definitions, Part 2 of 2

Case	RunCase	CaseStatus	GUID	Notes
SLE	Yes	Finished		
SLE_SISMA _DOWN	Yes	Finished		
SLE_SISMA _UP	Yes	Finished		
SLU_SISMA _DOWN	Yes	Finished		
SLU_SISMA _UP	Yes	Finished		

Table: Load Pattern Definitions

Table: Load Pattern Definitions

LoadPat	DesignType	SelfWtMult	AutoLoad	GUID	Notes
DEAD	DEAD	1.000000			
PV_SLE	DEAD	0.000000			
PHSX_SLE	DEAD	0.000000			
PHDX_SLE	DEAD	0.000000			
PV_SLE_SISMA_DO WN	DEAD	0.000000			
PHSX_SLE_SISMA	DEAD	0.000000			
PHDX_SLE_SISMA	DEAD	0.000000			
PV_SLE_SISMA_UP	DEAD	0.000000			

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Load Pattern Definitions

LoadPat	DesignType	SelfWtMult	AutoLoad	GUID	Notes
DEAD_SLE_SISMA_DOWN	DEAD	1.032000			
DEAD_SLE_SISMA_UP	DEAD	0.944000			
DEAD_SLU_SISMA_DOWN	DEAD	1.080000			
DEAD_SLU_SISMA_UP	DEAD	0.920000			
PV_SLU_SISMA_DOWN	DEAD	0.000000			
PV_SLU_SISMA_UP	DEAD	0.000000			
PHSX_SLU_SISMA	DEAD	0.000000			
PHDX_SLU_SISMA	DEAD	0.000000			

Table: Masses 1 - Mass Source

Table:
 Masses 1 -
 Mass
 Source

MassFrom
Elements

Table: Material List 1 - By Object Type

Table: Material List 1 - By Object Type

ObjectType	Material	TotalWeight KN	NumPieces
Frame	CONC Rck 30 MPa	1186.982	46

Table: Material List 2 - By Section Property

Table: Material List 2 - By Section Property

Section	ObjectType	NumPieces	TotalLength m	TotalWeight KN
120	Frame	18	19.53278	585.983
125	Frame	6	7.10076	221.899
125_127	Frame	1	1.18346	0.000
127_125	Frame	1	1.18346	0.000
127_147	Frame	1	1.18346	0.000
147_127	Frame	1	1.18346	0.000
147_190	Frame	1	1.18346	0.000
176_182	Frame	1	0.89498	40.050
176_187	Frame	1	1.18320	0.000
182_176	Frame	1	0.89498	40.050
182_201	Frame	1	0.89498	42.847
187_176	Frame	1	1.18323	0.000
187_224	Frame	1	1.18320	0.000
190_147	Frame	1	1.18346	0.000
190_263	Frame	1	1.18328	0.000
201_182	Frame	1	0.89498	42.847
201_235	Frame	1	0.89493	48.774
224_187	Frame	1	1.18320	0.000
224_263	Frame	1	1.18320	0.000
235_201	Frame	1	0.89498	48.776
235_284	Frame	1	0.89214	57.878

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Material List 2 - By Section Property

Section	ObjectType	NumPieces	TotalLength	TotalWeight
			m	KN
263_190	Frame	1	1.18328	0.000
263_224	Frame	1	1.18320	0.000
284_235	Frame	1	0.89215	57.878

Table: Material Properties 01 - General, Part 1 of 2

Table: Material Properties 01 - General, Part 1 of 2

Material	Type	SymType	TempDepen d	Color	GUID
4000Psi	Concrete	Isotropic	No	White	
A615Gr60	Rebar	Uniaxial	No	White	
A992Fy50	Steel	Isotropic	No	Yellow	
CONC Rck 30 MPa	Concrete	Isotropic	No	Blue	

Table: Material Properties 01 - General, Part 2 of 2

Table: Material Properties 01 - General, Part 2 of 2

Material	Notes
4000Psi	Normalweight f _c = 4 ksi added 27/10/2008 10.39.32
A615Gr60	ASTM A615 Grade 60 added 27/10/2008 11.23.34
A992Fy50	ASTM A992 Fy=50 ksi added 27/10/2008 10.39.32
CONC Rck 30 MPa	ASTM A36 added 27/10/2008 11.17.40

Table: Material Properties 02 - Basic Mechanical Properties

Table: Material Properties 02 - Basic Mechanical Properties

Material	UnitWeight KN/m3	UnitMass KN-s2/m4	E1 KN/m2	G12 KN/m2	U12	A1 1/C
4000Psi	2.3563E+01	2.4028E+00	24855578.28	10356490.95	0.200000	9.9000E-06
A615Gr60	7.6973E+01	7.8490E+00	199947978.8			1.1700E-05
A992Fy50	7.6973E+01	7.8490E+00	199947978.8	76903068.77	0.300000	1.1700E-05
CONC Rck 30 MPa	2.5000E+01	2.5493E+00	31447000.00	13102916.67	0.200000	5.5000E-06

Table: Material Properties 03a - Steel Data, Part 1 of 2

Table: Material Properties 03a - Steel Data, Part 1 of 2

Material	Fy KN/m2	Fu KN/m2	EffFy KN/m2	EffFu KN/m2	SSCurveOpt	SSHysType	SHard	SMax
A992Fy50	344737.89	448159.26	379211.68	492975.19	Simple	Kinematic	0.015000	0.110000

Table: Material Properties 03a - Steel Data, Part 2 of 2

Table: Material Properties 03a - Steel
Data, Part 2 of 2

Material	SRup	FinalSlope
A992Fy50	0.170000	-0.100000

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Material Properties 03b - Concrete Data, Part 1 of 2

Table: Material Properties 03b - Concrete Data, Part 1 of 2

Material	Fc KN/m2	LtWtConc	SSCurveOpt	SSHysType	SFc	SCap	FinalSlope	FAngle Degrees
4000Psi	27579.03	No	Mander	Takeda	0.002000	0.005000	-0.100000	0.000
CONC Rck 30 MPa	24900.00	No	Mander	Takeda	0.002000	0.005000	-0.100000	0.000

Table: Material Properties 03b - Concrete Data, Part 2 of 2

Table: Material Properties
 03b - Concrete Data, Part 2
 of 2

Material	DAngle Degrees
4000Psi	0.000
CONC Rck 30 MPa	0.000

Table: Material Properties 03e - Rebar Data, Part 1 of 2

Table: Material Properties 03e - Rebar Data, Part 1 of 2

Material	Fy KN/m2	Fu KN/m2	EffFy KN/m2	EffFu KN/m2	SSCurveOpt	SSHysType	SHard	SCap
A615Gr60	413685.47	620528.21	455054.02	682581.03	Simple	Kinematic	0.010000	0.090000

Table: Material Properties 03e - Rebar Data, Part 2 of 2

Table: Material Properties 03e - Rebar
 Data, Part 2 of 2

Material	FinalSlope	UseCTDef
A615Gr60	-0.100000	No

Table: Material Properties 06 - Damping Parameters

Table: Material Properties 06 - Damping Parameters

Material	ModalRatio	VisMass 1/Sec	VisStiff Sec	HysMass 1/Sec2	HysStiff
4000Psi	0.0000	0.0000	0.0000	0.0000	0.000000
A615Gr60	0.0000	0.0000	0.0000	0.0000	0.000000
A992Fy50	0.0000	0.0000	0.0000	0.0000	0.000000
CONC Rck 30 MPa	0.0000	0.0000	0.0000	0.0000	0.000000

Table: Objects And Elements - Frames

Table: Objects And Elements - Frames

FrameElem	FrameObjec t	ElemJtl	ElemJtJ
1-1	1	1	2
2-1	2	2	3
3-1	3	3	4
4-1	4	4	5
5-1	5	5	6
6-1	6	6	7
7-1	7	7	8

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Objects And Elements - Frames

FrameElem	FrameObject	ElemJtl	ElemJtJ
8-1	8	8	9
9-1	9	9	10
10-1	10	10	11
11-1	11	11	12
12-1	12	12	13
13-1	13	13	14
14-1	14	14	15
15-1	15	15	16
16-1	16	16	17
17-1	17	17	18
18-1	18	18	19
19-1	19	19	20
20-1	20	20	21
21-1	21	21	22
22-1	22	22	23
23-1	23	23	24
24-1	24	24	25
25-1	25	25	26
26-1	26	26	27
27-1	27	27	28
28-1	28	28	29
29-1	29	29	30
30-1	30	30	31
31-1	31	31	32
32-1	32	32	33
33-1	33	33	34
34-1	34	34	35
35-1	35	35	36
36-1	36	36	37
37-1	37	37	38
38-1	38	38	39
39-1	39	39	40
40-1	40	40	41
41-1	41	41	42
42-1	42	42	43
43-1	43	43	44
44-1	44	44	1
45-1	45	2	43
46-1	46	28	31

Table: Objects And Elements - Joints

Table: Objects And Elements - Joints

JointElem	JointObject	GlobalX m	GlobalY m	GlobalZ m
1	1	42.82204	0.00000	18.31745
2	2	42.82204	0.00000	19.20960
3	3	42.82204	0.00000	20.10457
4	4	42.82204	0.00000	20.99955
5	5	42.82204	0.00000	21.89452
6	6	42.92096	0.00000	23.07358
7	7	43.21499	0.00000	24.21967
8	8	43.69591	0.00000	25.30073
9	9	44.34931	0.00000	26.28725
10	10	45.14692	0.00000	27.16155
11	11	46.06707	0.00000	27.90580
12	12	47.08878	0.00000	28.50303
13	13	48.18876	0.00000	28.93962

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Objects And Elements - Joints

JointElem	JointObject	GlobalX m	GlobalY m	GlobalZ m
14	14	49.34194	0.00000	29.20562
15	15	50.52202	0.00000	29.29497
16	16	51.70211	0.00000	29.20562
17	17	52.85529	0.00000	28.93963
18	18	53.95527	0.00000	28.50304
19	19	54.97699	0.00000	27.90581
20	20	55.89714	0.00000	27.16157
21	21	56.69475	0.00000	26.28727
22	22	57.34815	0.00000	25.30076
23	23	57.82907	0.00000	24.21970
24	24	58.12311	0.00000	23.07361
25	25	58.22204	0.00000	21.89452
26	26	58.22202	0.00000	20.99955
27	27	58.22202	0.00000	20.10457
28	28	58.22204	0.00000	19.20964
29	29	58.22204	0.00000	18.31750
30	30	57.39652	0.00000	18.31750
31	31	56.57101	0.00000	18.31750
32	32	55.61118	0.00000	17.91765
33	33	54.62516	0.00000	17.58765
34	34	53.61802	0.00000	17.32920
35	35	52.59493	0.00000	17.14364
36	36	51.56117	0.00000	17.03192
37	37	50.52217	0.00000	16.99461
38	38	49.48295	0.00000	17.03191
39	39	48.44919	0.00000	17.14363
40	40	47.42611	0.00000	17.32918
41	41	46.41896	0.00000	17.58761
42	42	45.43293	0.00000	17.91761
43	43	44.47311	0.00000	18.31745
44	44	43.64757	0.00000	18.31745

Table: Options - Colors - Display, Part 1 of 4

Table: Options - Colors - Display, Part 1 of 4

DeviceType	Points	LinesFrame	LinesFrmExt	LinesCable	LinesTendon	SpringLinks	Restraints
Screen	Yellow	Yellow	Yellow	Green	Green	Green	Green
Printer	Gray8Dark	Black	Gray4	Black	Black	Gray8Dark	Gray8Dark
Color Printer	Black	7303023	White	Green	Green	Green	9408399

Table: Options - Colors - Display, Part 2 of 4

Table: Options - Colors - Display, Part 2 of 4

Releases	Axes	Text	ShadowLines	GuideLines	Highlight	Selection	AreaFillBot	AreaFillTop
Green	Cyan	Green	Gray8Dark	Gray8Dark	Red	White	Red	16744703
Gray4	Black	Black	Gray4	Gray4	Black	Black	Gray4	Gray8Dark
Green	Cyan	Black	Gray8Dark	10461087	Red	10504778	16634568	14277119

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Options - Colors - Display, Part 3 of 4

Table: Options - Colors - Display, Part 3 of 4

AreaFillSd	AreaEdge	SolidF1	SolidF2	SolidF3	SolidF4	SolidF5	SolidF6	SolidEdge
Red	DarkRed	Red	Blue	Green	Yellow	White	Cyan	DarkRed
Gray4	Black	Gray1Light	Gray2	Gray3	Gray4	Gray5	Gray6	Black
16634568	7303023	10122991	16756912	11599795	12713983	White	16777128	7303023

Table: Options - Colors - Display, Part 4 of 4

Table: Options - Colors - Display, Part 4 of 4

Floor	Background	BGLowLeft	BGLowRight	BGUpRight	Darkness
Gray4	White	White	White	White	0.500000
Gray4	White	White	White	White	0.500000
13619151	White	White	14671839	White	0.500000

Table: Options - Colors - Output, Part 1 of 4

Table: Options - Colors - Output, Part 1 of 4

DeviceType	Contour1	Contour2	Contour3	Contour4	Contour5	Contour6	Contour7
Screen	13107400	6553828	Red	16639	Orange	43775	54527
Printer	Black	3158064	4210752	5263440	6316128	7368816	Gray8Dark
Color Printer	13107400	6553828	Red	16639	Orange	43775	54527

Table: Options - Colors - Output, Part 2 of 4

Table: Options - Colors - Output, Part 2 of 4

Contour8	Contour9	Contour10	Contour11	Contour12	Contour13	Contour14	Contour15	Transpare
Yellow	65408	Green	8453888	Cyan	16755200	16733440	Blue	0.500000
Gray7	Gray6	Gray5	Gray4	Gray3	Gray2	Gray1Light	White	0.000000
Yellow	65408	Green	8453888	Cyan	16755200	16733440	Blue	0.500000

Table: Options - Colors - Output, Part 3 of 4

Table: Options - Colors - Output, Part 3 of 4

Ratio1	Ratio2	Ratio3	Ratio4	Ratio5	RatioNotD	RatioNotC	RatioVal1	RatioVal2
Cyan	Green	Yellow	Orange	Red	Gray4	Red	0.500000	0.700000
Gray2	Gray4	Gray8Dark	4210752	Black	Gray4	Black	0.500000	0.700000
Cyan	Green	Yellow	Orange	Red	Gray4	Red	0.500000	0.700000

Table: Options - Colors - Output, Part 4 of 4

Table: Options - Colors - Output, Part 4 of 4

RatioVal3	RatioVal4	DFillPos	DFillNeg	DFillRPos	DFillRNeg
0.900000	1.000000	Yellow	Red	Blue	Cyan
0.900000	1.000000	Gray8Dark	Gray8Dark	4210752	4210752
0.900000	1.000000	Red	Red	Blue	Blue

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Overwrites - Concrete Design - ACI 318-05/IBC2003, Part 1 of 2

Table: Overwrites - Concrete Design - ACI 318-05/IBC2003, Part 1 of 2

Frame	DesignSect	FrameType	RLLF	XMLMajor	XLMinor	XKMajor
1	Program Determined	Program Determined	0.000000	0.000000	0.000000	
2	Program Determined	Program Determined	0.000000	0.000000	0.000000	
3	Program Determined	Program Determined	0.000000	0.000000	0.000000	
4	Program Determined	Program Determined	0.000000	0.000000	0.000000	
5	Program Determined	Program Determined	0.000000	0.000000	0.000000	
6	Program Determined	Program Determined	0.000000	0.000000	0.000000	
7	Program Determined	Program Determined	0.000000	0.000000	0.000000	
8	Program Determined	Program Determined	0.000000	0.000000	0.000000	
9	Program Determined	Program Determined	0.000000	0.000000	0.000000	
10	Program Determined	Program Determined	0.000000	0.000000	0.000000	
11	Program Determined	Program Determined	0.000000	0.000000	0.000000	
12	Program Determined	Program Determined	0.000000	0.000000	0.000000	0.000000
13	Program Determined	Program Determined	0.000000	0.000000	0.000000	0.000000
14	Program Determined	Program Determined	0.000000	0.000000	0.000000	0.000000
15	Program Determined	Program Determined	0.000000	0.000000	0.000000	0.000000
16	Program Determined	Program Determined	0.000000	0.000000	0.000000	0.000000
17	Program Determined	Program Determined	0.000000	0.000000	0.000000	0.000000
18	Program Determined	Program Determined	0.000000	0.000000	0.000000	
19	Program Determined	Program Determined	0.000000	0.000000	0.000000	
20	Program Determined	Program Determined	0.000000	0.000000	0.000000	
21	Program Determined	Program Determined	0.000000	0.000000	0.000000	
22	Program Determined	Program Determined	0.000000	0.000000	0.000000	
23	Program Determined	Program Determined	0.000000	0.000000	0.000000	
24	Program Determined	Program Determined	0.000000	0.000000	0.000000	
25	Program Determined	Program Determined	0.000000	0.000000	0.000000	
26	Program Determined	Program Determined	0.000000	0.000000	0.000000	
27	Program Determined	Program Determined	0.000000	0.000000	0.000000	
28	Program Determined	Program Determined	0.000000	0.000000	0.000000	
29	Program Determined	Program Determined	0.000000	0.000000	0.000000	0.000000
30	Program Determined	Program Determined	0.000000	0.000000	0.000000	0.000000
31	Program Determined	Program Determined	0.000000	0.000000	0.000000	0.000000
32	Program Determined	Program Determined	0.000000	0.000000	0.000000	0.000000
33	Program Determined	Program Determined	0.000000	0.000000	0.000000	0.000000
34	Program Determined	Program Determined	0.000000	0.000000	0.000000	0.000000
35	Program Determined	Program Determined	0.000000	0.000000	0.000000	0.000000
36	Program Determined	Program Determined	0.000000	0.000000	0.000000	0.000000
37	Program Determined	Program Determined	0.000000	0.000000	0.000000	0.000000
38	Program Determined	Program Determined	0.000000	0.000000	0.000000	0.000000
39	Program Determined	Program Determined	0.000000	0.000000	0.000000	0.000000
40	Program Determined	Program Determined	0.000000	0.000000	0.000000	0.000000
41	Program Determined	Program Determined	0.000000	0.000000	0.000000	0.000000
42	Program Determined	Program Determined	0.000000	0.000000	0.000000	0.000000
43	Program Determined	Program Determined	0.000000	0.000000	0.000000	0.000000
44	Program Determined	Program Determined	0.000000	0.000000	0.000000	0.000000
45	Program Determined	Program Determined	0.000000	0.000000	0.000000	0.000000
46	Program Determined	Program Determined	0.000000	0.000000	0.000000	0.000000

Table: Overwrites - Concrete Design - ACI 318-05/IBC2003, Part 2 of 2

Table: Overwrites - Concrete Design - ACI 318-05/IBC2003, Part 2 of 2

Frame	XKMinor	CmMajor	CmMinor	DnsMajor	DnsMinor	DsMajor	DsMinor
1							
2							
3							
4							
5							

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Overwrites - Concrete Design - ACI 318-05/IBC2003, Part 2 of 2

Frame	XKMinor	CmMajor	CmMinor	DnsMajor	DnsMinor	DsMajor	DsMinor
6							
7							
8							
9							
10							
11							
12	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
13	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
14	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
15	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
16	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
17	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
30	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
31	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
32	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
33	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
34	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
35	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
36	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
37	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
38	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
39	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
40	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
41	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
42	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
43	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
44	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
45	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
46	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

Table: Preferences - Aluminum Design - AA-ASD 2000

Table: Preferences - Aluminum Design - AA-ASD 2000

THDesign	FrameType	SRatioLimit	MaxIter	LatFact	UseLatFact	Bridge
Envelopes	Moment Frame	1.000000	1	1.333333	No	No

Table: Preferences - Cold Formed Design - AISI-ASD96, Part 1 of 2

Table: Preferences - Cold Formed Design - AISI-ASD96, Part 1 of 2

THDesign	FrameType	SRatioLimit	MaxIter	OmegaBS	OmegaBUS	OmegaBLT B	OmegaVS	OmegaVNS
Envelopes	Braced Frame	1.000000	1	1.670000	1.670000	1.670000	1.670000	1.500000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Preferences - Cold Formed Design - AISI-ASD96, Part 2 of 2

Table: Preferences - Cold Formed Design - AISI-ASD96, Part 2 of 2

OmegaT	OmegaC
1.670000	1.800000

Table: Preferences - Concrete Design - ACI 318-05/IBC2003, Part 1 of 2

Table: Preferences - Concrete Design - ACI 318-05/IBC2003, Part 1 of 2

THDesign	NumCurves	NumPoints	MinEccen	PatLLF	UFLimit	SeisCat	PhiT	PhiCTied
Envelopes	24	11	No	0.750000	0.950000	D	0.900000	0.650000

Table: Preferences - Concrete Design - ACI 318-05/IBC2003, Part 2 of 2

Table: Preferences - Concrete Design - ACI 318-05/IBC2003, Part 2 of 2

PhiCSpiral	PhiV	PhiVSeismic	PhiVJoint
0.700000	0.750000	0.600000	0.850000

Table: Preferences - Dimensional, Part 1 of 2

Table: Preferences - Dimensional, Part 1 of 2

MergeTol	FineGrid	Nudge	SelectTol	SnapTol	SLineThick	PLineThick	MaxFont	MinFont
m	m	m						
0.001000	0.250000	0.250000	3	12	1	4	8	8

Table: Preferences - Dimensional, Part 2 of 2

Table: Preferences - Dimensional, Part 2 of 2

AutoZoom	ShrinkFact	TextFileLen
10	70	240

Table: Preferences - Steel Design - AISC-LRFD93, Part 1 of 2

Table: Preferences - Steel Design - AISC-LRFD93, Part 1 of 2

THDesign	FrameType	PatLLF	SRatioLimit	MaxIter	PhiB	PhiC	PhiT	PhiV
Envelopes	Moment Frame	0.750000	0.950000	1	0.900000	0.850000	0.900000	0.900000

Table: Preferences - Steel Design - AISC-LRFD93, Part 2 of 2

Table: Preferences - Steel Design - AISC-LRFD93, Part 2 of 2

PhiCA	CheckDefl	DLRat	SDLAndLLRat	LLRat	TotalRat	NetRat
0.900000	Yes	120.000000	120.000000	360.000000	240.000000	240.000000

PROGETTO ESECUTIVO
 RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Program Control, Part 1 of 3

Table: Program Control, Part 1 of 3

ProgramName	Version	ProgLevel	LicenseNum	LicenseOS	LicenseSC	LicenseBR	LicenseHT	CurrUnits
SAP2000	14.1.0	Advanced	0X2310B	No	No	No	No	KN, m, C

Table: Program Control, Part 2 of 3

Table: Program Control, Part 2 of 3

SteelCode	ConcCode	AlumCode	ColdCode	BridgeCode
AISC-LRFD93	ACI 318-05/IBC2003	AA-ASD 2000	AISI-ASD96	AASHTO LRFD 2007

Table: Program Control, Part 3 of 3

Table: Program Control, Part 3 of 3

RegenHinge	BSchedGUID
Yes	

Table: Project Information

Table: Project Information

Item	Data
Company Name	Computers and Structures, Inc.
Client Name	
Project Name	
Project Number	
Model Name	
Model Description	
Revision Number	
Frame Type	
Engineer	
Checker	
Supervisor	
Issue Code	
Design Code	

Table: Rebar Sizes

Table: Rebar Sizes

RebarID	Area m2	Diameter m
#2	0.000032	0.006350
#3	0.000071	0.009525
#4	0.000129	0.012700
#5	0.000200	0.015875
#6	0.000284	0.019050
#7	0.000387	0.022225
#8	0.000510	0.025400
#9	0.000645	0.028651
#10	0.000819	0.032258
#11	0.001006	0.035814
#14	0.001452	0.043002
#18	0.002581	0.057328

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO DELLE GALLERIE ARTIFICIALI

Table: Rebar Sizes

RebarID	Area m2	Diameter m
10M	0.000100	0.011300
15M	0.000200	0.016000
20M	0.000300	0.019500
25M	0.000500	0.025200
30M	0.000700	0.029900
35M	0.001000	0.035700
45M	0.001500	0.043700
55M	0.002500	0.056400
6d	0.000028	0.006000
8d	0.000050	0.008000
10d	0.000079	0.010000
12d	0.000113	0.012000
14d	0.000154	0.014000
16d	0.000201	0.016000
20d	0.000314	0.020000
25d	0.000491	0.025000
26d	0.000531	0.026000
28d	0.000616	0.028000

Table: Solid Property Definitions, Part 1 of 2

Table: Solid Property Definitions, Part 1 of 2

SolidProp	Material	MatAngleA Degrees	MatAngleB Degrees	MatAngleC Degrees	InComp	Color
SOLID1	4000Psi	0.000	0.000	0.000	Yes	Magenta

Table: Solid Property Definitions, Part 2 of 2

Table: Solid Property Definitions, Part 2 of 2

SolidProp	GUID	Notes	TotalWt KN	TotalMass KN-s2/m
SOLID1		Added 27/10/2008 10.40.04	0.000	0.00