



AUTORITA' PORTUALE di ANCONA

## *PROGETTO ESECUTIVO*

Realizzazione di palancolato  
provvisorio propedeutico ad escavo  
e appalto della banchina n.27

PORTO DI ANCONA

## ALLEGATI

alla RELAZIONE DI CALCOLO

PROGETTAZIONE STRUTTURALE:



(Progettista e Direttore Tecnico)  
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VISTO: IL DIRIGENTE TECNICO  
Ing. Roberto Renzi

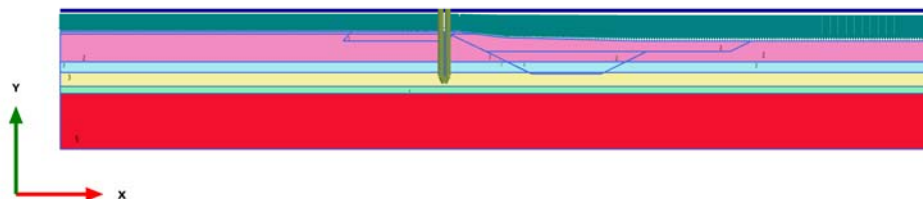
ANCONA – DICEMBRE 2014

# **VERIFICHE GEOTECNICHE**

# PLAXIS Report

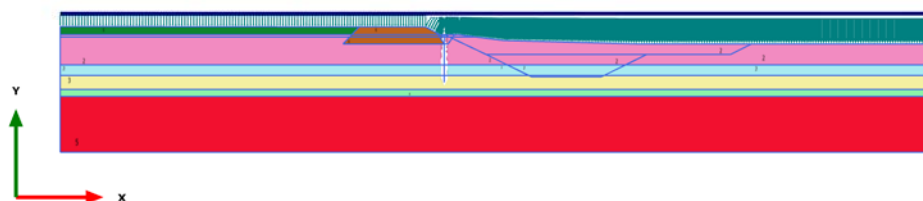
(PALANCOLATO NON A SBALZO CONDIZIONE A BREVE TERMINE)

### 1.1.1.1 Calculation results, Initial phase [InitialPhase] (0/0), Materials plot



Materials plot

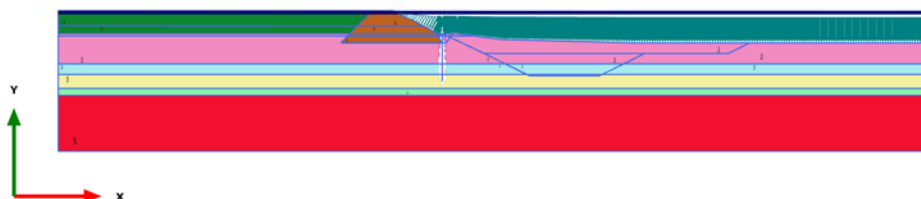
### 1.1.1.2 Calculation results, 1° step coronella+t riporto [Phase\_1] (19/7), Materials plot



Materials plot

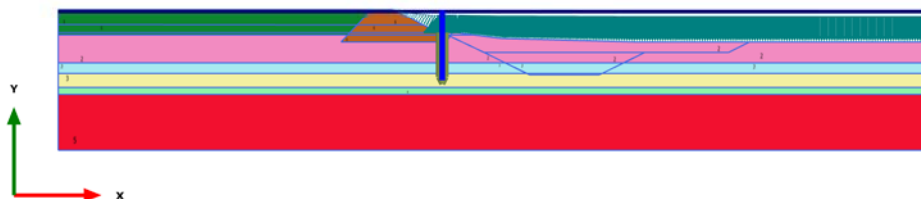


### 1.1.1.3 Calculation results, 2°step coronella+t riporto [Phase\_2] (20/17), Materials plot



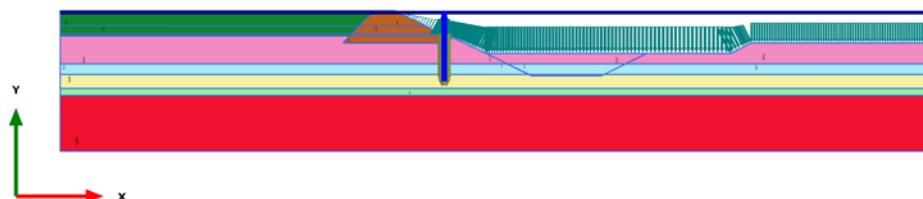
Materials plot

### 1.1.1.4 Calculation results, paratia [Phase\_4] (22/20), Materials plot



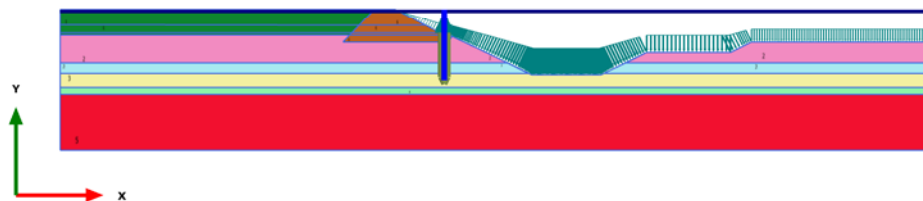
Materials plot

### 1.1.1.5 Calculation results, 1° scavo [Phase\_5] (23/35), Materials plot



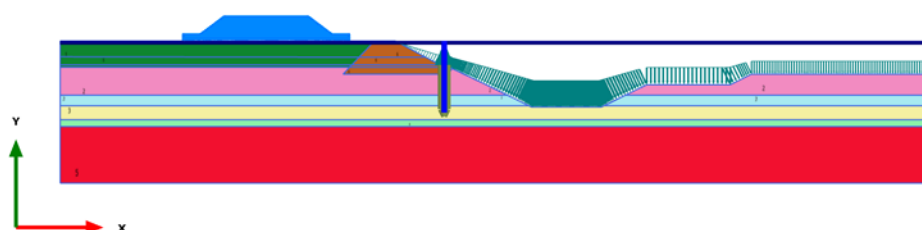
Materials plot

### 1.1.1.6 Calculation results, 2° scavo [Phase\_6] (24/72), Materials plot



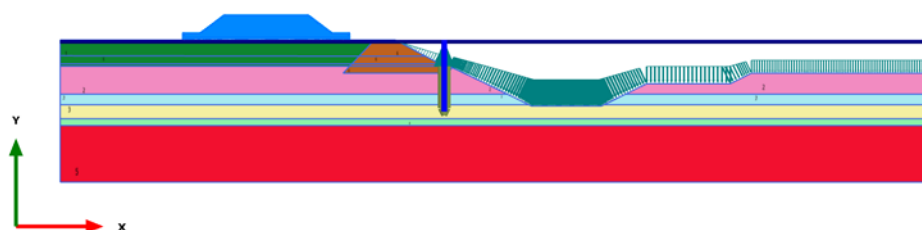
Materials plot

### 1.1.1.7 Calculation results, sovraccarico [Phase\_7] (25/96), Materials plot



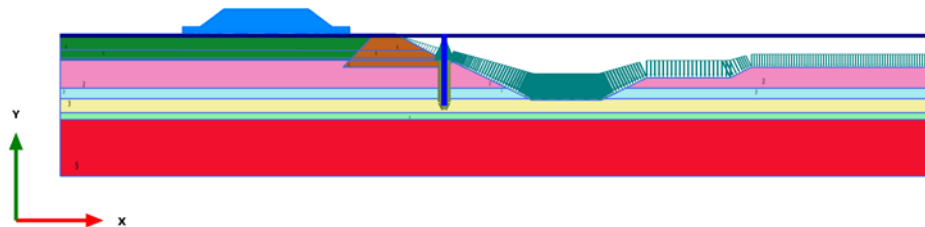
Materials plot

### 1.1.1.8 Calculation results, SLU A1 M1 R1 [Phase\_8] (26/101), Materials plot



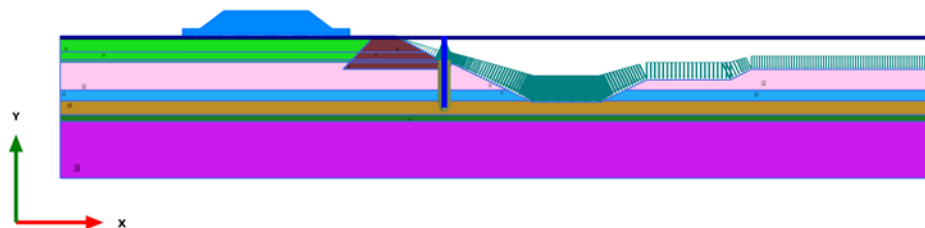
Materials plot

### 1.1.1.9 Calculation results, FS SLU A1 M1 R1 [Phase\_12] (30/301), Materials plot



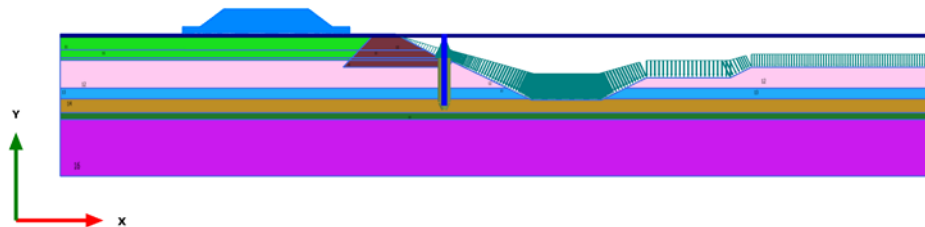
Materials plot

### 1.1.1.10 Calculation results, SLU A2 M2 R2 [Phase\_9] (27/309), Materials plot



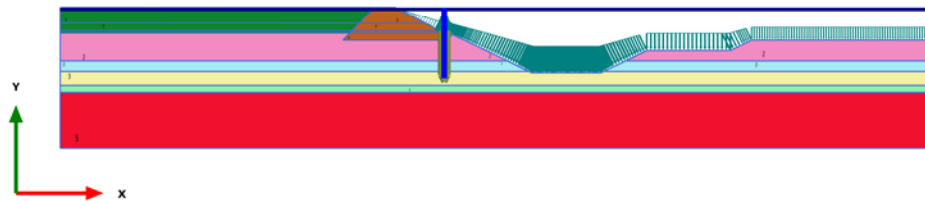
Materials plot

### 1.1.1.11 Calculation results, FS SLU A2 M2 R2 [Phase\_10] (28/409), Materials plot



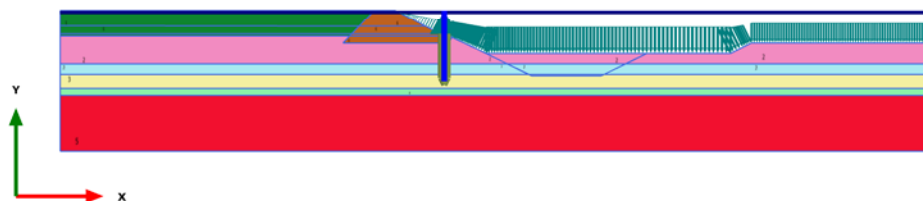
Materials plot

### 1.1.1.12 Calculation results, FS 2° scavo [Phase\_13] (31/509), Materials plot








Materials plot

### 1.1.1.13 Calculation results, FS 1° scavo [Phase\_11] (29/609), Materials plot



Materials plot






## 1.1.2.1.1.1 Materials - Soil and interfaces - Mohr-Coulomb (1/4)

Identification		litotipo 1: terreno riporto	litotipo 2:sabbia	litotipo 3: limi e argille con sabbie	litotipo 4: sabbia	litotipo 5:strato coesivo profondo
Identification number		1	2	3	4	5
Drainage type		Drained	Drained	Undrained (B)	Drained	Undrained (B)
Colour						
Comments						
$\gamma_{unsat}$	kN/m <sup>3</sup>	17.00	18.80	19.00	18.80	19.50
$\gamma_{sat}$	kN/m <sup>3</sup>	17.70	18.80	19.00	18.80	19.50
Dilatancy cut-off		No	No	No	No	No
$e_{int}$		0.5000	0.5000	0.5000	0.5000	0.5000
$e_{min}$		0.000	0.000	0.000	0.000	0.000
$e_{max}$		999.0	999.0	999.0	999.0	999.0
Rayleigh $\alpha$		0.000	0.000	0.000	0.000	0.000
Rayleigh $\beta$		0.000	0.000	0.000	0.000	0.000
E	kN/m <sup>2</sup>	3000	40.00E3	8000	80.00E3	50.00E3
$\nu$ (nu)		0.3500	0.2500	0.3000	0.2500	0.3000
G	kN/m <sup>2</sup>	1111	16.00E3	3077	32.00E3	19.23E3
$E_{oed}$	kN/m <sup>2</sup>	4815	48.00E3	10.77E3	96.00E3	67.31E3
$c_{ref}$	kN/m <sup>2</sup>	0.01000	0.000	50.00	0.000	300.0
$\phi$ (phi)	°	27.00	37.00	0.000	37.00	0.000
$\psi$ (psi)	°	0.000	0.000	0.000	0.000	0.000
$V_s$	m/s	25.32	91.37	39.86	129.2	98.36
$V_p$	m/s	52.71	158.3	74.57	223.8	184.0
Set to default values		Yes	Yes	Yes	Yes	Yes
$E_{inc}$	kN/m <sup>2</sup> /m	0.000	0.000	0.000	0.000	0.000
$\gamma_{ref}$	m	0.000	0.000	0.000	0.000	0.000
$c_{inc}$	kN/m <sup>2</sup> /m	0.000	0.000	0.000	0.000	0.000
$\gamma_{ref}$	m	0.000	0.000	0.000	0.000	0.000
Tension cut-off		Yes	Yes	Yes	Yes	Yes
Tensile strength	kN/m <sup>2</sup>	0.000	0.000	0.000	0.000	0.000
Undrained behaviour		Standard	Standard	Standard	Standard	Standard
Skempton-B		0.9699	0.9833	0.9783	0.9833	0.9783
$\nu_u$		0.4950	0.4950	0.4950	0.4950	0.4950
$K_{u,ref} / n$	kN/m <sup>2</sup>	107.4E3	1.568E6	300.0E3	3.136E6	1.875E6
$C_{u,ref}$	m <sup>2</sup> /day	0.000	0.000	0.000	0.000	0.000
Strength		Manual	Manual	Manual	Manual	Manual
$R_{water}$		0.6600	0.6600	0.6600	0.6600	0.6600
Consider gap closure		Yes	Yes	Yes	Yes	Yes
$\delta_{water}$		0.000	0.000	0.000	0.000	0.000
$K_0$ determination		Automatic	Automatic	Manual	Automatic	Manual
$K_{0,x}$		0.5460	0.3982	0.5616	0.3982	0.5616
Data set		Standard	Standard	Standard	Standard	Standard
Type		Coarse	Coarse	Coarse	Coarse	Coarse
< 2 $\mu$ m	%	10.00	10.00	10.00	10.00	10.00
2 $\mu$ m - 50 $\mu$ m	%	13.00	13.00	13.00	13.00	13.00
50 $\mu$ m - 2 mm	%	77.00	77.00	77.00	77.00	77.00
Set to default values		No	No	No	No	No
$k_x$	m/day	0.000	0.000	0.000	0.000	0.000
$k_y$	m/day	0.000	0.000	0.000	0.000	0.000
$-\psi_{unsat}$	m	10.00E3	10.00E3	10.00E3	10.00E3	10.00E3
$e_{int}$		0.5000	0.5000	0.5000	0.5000	0.5000

Identification		litotipo 1: terreno riporto	litotipo 2:sabbia	litotipo 3: limi e argille con sabbie	litotipo 4: sabbia	litotipo 5:strato coesivo profondo
C <sub>6</sub>		1.000E15	1.000E15	1.000E15	1.000E15	1.000E15








## 1.1.2.1.1.2 Materials - Soil and interfaces - Mohr-Coulomb (2/4)

Identification		coronella	litotipo 3 cattivo	1° strato addensato	1 strato addensato RIDOTTO	coronella RIDOTTO
Identification number		6	7	8	9	10
Drainage type		Drained	Undrained (B)	Drained	Drained	Drained
Colour						
Comments						
$\gamma_{unsat}$	kN/m <sup>3</sup>	17.50	19.00	19.50	19.50	17.50
$\gamma_{sat}$	kN/m <sup>3</sup>	18.00	19.00	20.00	20.00	18.00
Dilatancy cut-off		No	No	No	No	No
$e_{sat}$		0.5000	0.5000	0.5000	0.5000	0.5000
$e_{min}$		0.000	0.000	0.000	0.000	0.000
$e_{max}$		999.0	999.0	999.0	999.0	999.0
Rayleigh $\alpha$		0.000	0.000	0.000	0.000	0.000
Rayleigh $\beta$		0.000	0.000	0.000	0.000	0.000
E	kN/m <sup>2</sup>	33.33E3	2260	40.00E3	40.00E3	33.33E3
$\nu$ (nu)		0.2000	0.3000	0.2000	0.2000	0.2000
G	kN/m <sup>2</sup>	13.89E3	869.2	16.67E3	16.67E3	13.89E3
$E_{srd}$	kN/m <sup>2</sup>	37.04E3	3042	44.44E3	44.44E3	37.04E3
$C_{ref}$	kN/m <sup>2</sup>	0.5000	50.00	0.01000	0.01000	0.5000
$\phi$ (phi)	°	45.00	0.000	40.00	33.87	38.65
$\psi$ (psi)	°	0.000	0.000	0.000	0.000	0.000
$V_s$	m/s	88.24	21.18	91.57	91.57	88.24
$V_p$	m/s	144.1	39.63	149.5	149.5	144.1
Set to default values		Yes	Yes	Yes	Yes	Yes
$E_{inc}$	kN/m <sup>2</sup> /m	0.000	0.000	0.000	0.000	0.000
$\gamma_{ref}$	m	0.000	0.000	0.000	0.000	0.000
$C_{inc}$	kN/m <sup>2</sup> /m	0.000	0.000	0.000	0.000	0.000
$\gamma_{ref}$	m	0.000	0.000	0.000	0.000	0.000
Tension cut-off		Yes	Yes	Yes	Yes	Yes
Tensile strength	kN/m <sup>2</sup>	0.000	0.000	0.000	0.000	0.000
Undrained behaviour		Standard	Standard	Standard	Standard	Standard
Skempton-B		0.9866	0.9783	0.9866	0.9866	0.9866
$\nu_u$		0.4950	0.4950	0.4950	0.4950	0.4950
$K_{u,ref} / n$	kN/m <sup>2</sup>	1.366E6	84.75E3	1.639E6	1.639E6	1.366E6
$C_{v,ref}$	m <sup>2</sup> /day	0.000	0.000	0.000	0.000	0.000
Strength		Manual	Manual	Manual	Manual	Manual
$R_{ester}$		0.6600	0.6600	0.6600	0.6600	0.6600
Consider gap closure		Yes	Yes	Yes	Yes	Yes
$\delta_{ester}$		0.000	0.000	0.000	0.000	0.000
$K_0$ determination		Automatic	Manual	Automatic	Automatic	Automatic
$K_{0,x}$		0.2929	0.5616	0.3572	0.4427	0.3754
Data set		Standard	Standard	Standard	Standard	Standard
Type		Coarse	Coarse	Coarse	Coarse	Coarse
< 2 $\mu$ m	%	10.00	10.00	10.00	10.00	10.00
2 $\mu$ m - 50 $\mu$ m	%	13.00	13.00	13.00	13.00	13.00


Identification		coronella	litotipo 3 cattivo	1° strato addensato	1 strato addensato RIDOTTO	coronella RIDOTTO
50 $\mu\text{m}$ - 2 mm	%	77.00	77.00	77.00	77.00	77.00
Set to default values		No	No	No	No	No
$k_x$	m/day	0.000	0.000	0.000	0.000	0.000
$k_y$	m/day	0.000	0.000	0.000	0.000	0.000
$-\Psi_{\text{unsat}}$	m	10.00E3	10.00E3	10.00E3	10.00E3	10.00E3
$e_{\text{init}}$		0.5000	0.5000	0.5000	0.5000	0.5000
$C_k$		1.000E15	1.000E15	1.000E15	1.000E15	1.000E15

## 1.1.2.1.1.3 Materials - Soil and interfaces - Mohr-Coulomb (3/4)

Identification		litotipo1: terreno riporto RIDOTTO	litotipo 2: sabbia RIDOTTO	litotipo 3 cattivo RIDOTTO	litotipo 3 RIDOTTO	litotipo 4 RIDOTTO
Identification number		11	12	13	14	15
Drainage type		Drained	Drained	Undrained (B)	Undrained (B)	Drained
Colour						
Comments						
$\gamma_{unsat}$	kN/m <sup>3</sup>	17.00	18.80	19.00	19.00	18.80
$\gamma_{sat}$	kN/m <sup>3</sup>	17.70	18.80	19.00	19.00	18.80
Dilatancy cut-off		No	No	No	No	No
$e_{int}$		0.5000	0.5000	0.5000	0.5000	0.5000
$e_{min}$		0.000	0.000	0.000	0.000	0.000
$e_{max}$		999.0	999.0	999.0	999.0	999.0
Rayleigh $\alpha$		0.000	0.000	0.000	0.000	0.000
Rayleigh $\beta$		0.000	0.000	0.000	0.000	0.000
E	kN/m <sup>2</sup>	3000	40.00E3	2260	8000	80.00E3
$\nu$ (nu)		0.3500	0.2500	0.3000	0.3000	0.2500
G	kN/m <sup>2</sup>	1111	16.00E3	869.2	3077	32.00E3
$E_{oed}$	kN/m <sup>2</sup>	4815	48.00E3	3042	10.77E3	96.00E3
$c_{ref}$	kN/m <sup>2</sup>	0.01000	0.000	35.71	35.71	0.000
$\phi$ (phi)	°	22.18	31.08	0.000	0.000	31.08
$\psi$ (psi)	°	0.000	0.000	0.000	0.000	0.000
$V_s$	m/s	25.32	91.37	21.18	39.86	129.2
$V_p$	m/s	52.71	158.3	39.63	74.57	223.8
Set to default values		Yes	Yes	Yes	Yes	Yes
$E_{inc}$	kN/m <sup>2</sup> /m	0.000	0.000	0.000	0.000	0.000
$\gamma_{ref}$	m	0.000	0.000	0.000	0.000	0.000
$c_{inc}$	kN/m <sup>2</sup> /m	0.000	0.000	0.000	0.000	0.000
$\gamma_{ref}$	m	0.000	0.000	0.000	0.000	0.000
Tension cut-off		Yes	Yes	Yes	Yes	Yes
Tensile strength	kN/m <sup>2</sup>	0.000	0.000	0.000	0.000	0.000
Undrained behaviour		Standard	Standard	Standard	Standard	Standard
Skempton-B		0.9699	0.9833	0.9783	0.9783	0.9833
$\nu_u$		0.4950	0.4950	0.4950	0.4950	0.4950
$K_{u,ref} / n$	kN/m <sup>2</sup>	107.4E3	1.568E6	84.75E3	300.0E3	3.136E6
$C_{u,ref}$	m <sup>2</sup> /day	0.000	0.000	0.000	0.000	0.000
Strength		Manual	Manual	Manual	Manual	Manual
$R_{water}$		0.6600	0.6600	0.6600	0.6600	0.6600
Consider gap closure		Yes	Yes	Yes	Yes	Yes
$\delta_{water}$		0.000	0.000	0.000	0.000	0.000
$K_0$ determination		Automatic	Automatic	Manual	Manual	Automatic
$K_{0,x}$		0.6225	0.4838	0.6364	0.6364	0.4838
Data set		Standard	Standard	Standard	Standard	Standard
Type		Coarse	Coarse	Coarse	Coarse	Coarse
< 2 $\mu$ m	%	10.00	10.00	10.00	10.00	10.00
2 $\mu$ m - 50 $\mu$ m	%	13.00	13.00	13.00	13.00	13.00
50 $\mu$ m - 2 mm	%	77.00	77.00	77.00	77.00	77.00
Set to default values		No	No	No	No	No
$k_x$	m/day	0.000	0.000	0.000	0.000	0.000
$k_y$	m/day	0.000	0.000	0.000	0.000	0.000
$-\psi_{unsat}$	m	10.00E3	10.00E3	10.00E3	10.00E3	10.00E3
$e_{int}$		0.5000	0.5000	0.5000	0.5000	0.5000


Identification		litotipo1: terreno riporto RIDOTTO	litotipo 2: sabbia RIDOTTO	litotipo 3 cattivo RIDOTTO	litotipo 3 RIDOTTO	litotipo 4 RIDOTTO
C <sub>6</sub>		1.000E15	1.000E15	1.000E15	1.000E15	1.000E15

## 1.1.2.1.1.4 Materials - Soil and interfaces - Mohr-Coulomb (4/4)

Identification		litotipo 5 RIDOTTO
Identification number		16
Drainage type		Undrained (B)
Colour		
Comments		
$\gamma_{unsat}$	kN/m <sup>3</sup>	19.50
$\gamma_{sat}$	kN/m <sup>3</sup>	19.50
Dilatancy cut-off		No
$e_{int}$		0.5000
$e_{min}$		0.000
$e_{max}$		999.0
Rayleigh $\alpha$		0.000
Rayleigh $\beta$		0.000
E	kN/m <sup>2</sup>	50.00E3
$\nu$ (nu)		0.3000
G	kN/m <sup>2</sup>	19.23E3
$E_{sed}$	kN/m <sup>2</sup>	67.31E3
$C_{ref}$	kN/m <sup>2</sup>	214.3
$\phi$ (phi)	°	0.000
$\psi$ (psi)	°	0.000
$V_s$	m/s	98.36
$V_p$	m/s	184.0
Set to default values		Yes
$E_{inc}$	kN/m <sup>2</sup> /m	0.000
$\gamma_{ref}$	m	0.000
$C_{inc}$	kN/m <sup>2</sup> /m	0.000
$\gamma_{ref}$	m	0.000
Tension cut-off		Yes
Tensile strength	kN/m <sup>2</sup>	0.000
Undrained behaviour		Standard
Skempton-B		0.9783
$\nu_u$		0.4950
$K_{sk,ref} / n$	kN/m <sup>2</sup>	1.875E6

Identification		litotipo 5 RIDOTTO
$C_{v,ref}$	m <sup>2</sup> /day	0.000
Strength		Manual
$R_{water}$		0.6600
Consider gap closure		Yes
$\delta_{water}$		0.000
$K_0$ determination		Manual
$K_{0,x}$		0.6364
Data set		Standard
Type		Coarse
< 2 $\mu$ m	%	10.00
2 $\mu$ m - 50 $\mu$ m	%	13.00
50 $\mu$ m - 2 mm	%	77.00
Set to default values		No
$k_x$	m/day	0.000
$k_y$	m/day	0.000
$-\psi_{unsat}$	m	10.00E3
$e_{sat}$		0.5000
$G_s$		1.000E15

## 1.1.2.2 Materials - Plates -

Identification		psp 600+pzl 610
Identification number		1
Comments		
Colour		
Material type		Elastic
Isotropic		Yes
End bearing		No
$EA_1$	kN/m	2.990E6
$EA_2$	kN/m	2.990E6
EI	kN m <sup>2</sup> /m	227.3E3
d	m	0.9551
w	kN/m/m	0.000
$\nu$ (nu)		0.2000
Rayleigh $\alpha$		0.000
Rayleigh $\beta$		0.000

### 1.1.3 General information

General information	
Project	
Filename	LPRT-AG1-CAL_BT.P2DX
Directory	\\server\ARCHIVIO_L\LPRT-AG1_Palanc Banchina 27\LPRT-AG1-PE\LPRT-AG1-PE-CAL\LPRT-AG1-CAL-MODELLI FINALI\modelli 10-12-14 DEFINITIVI CORRETTI\
Title	LPRT-AG1
General	
Model	Plane strain
Elements	15-Noded
Acceleration	
Gravity angle	-90.00°
x-acceleration	0.000 G
y-acceleration	0.000 G
Earth gravity	9.810 m/s <sup>2</sup>
Mesh	
Nr of soil elements	6410
Nr of nodes	52358
Average elem. size	1.257 m
Comments	



### 1.1.4.1 Calculation information

Calculation information				
Step info				
Phase	Initial phase [InitialPhase]			
Step	Initial			
Calculation mode	Classical mode			
Step type	K0			
Kernel type	32 bit			
Extrapolation factor	0.000			
Relative stiffness	0.000			
Multipliers				
Prescribed displacements X	$M_{DispX}$	0.000	$\Sigma M_{DispX}$	1.000
Prescribed displacements Y	$M_{DispY}$	0.000	$\Sigma M_{DispY}$	1.000
Load system A	$M_{LoadA}$	0.000	$\Sigma M_{LoadA}$	1.000
Load system B	$M_{LoadB}$	0.000	$\Sigma M_{LoadB}$	1.000
Soil weight	$M_{Weight}$	0.000	$\Sigma M_{Weight}$	1.000
Acceleration	$M_{Accel}$	0.000	$\Sigma M_{Accel}$	0.000
Strength reduction factor	$M_{sf}$	0.000	$\Sigma M_{sf}$	1.000
Time	Increment	0.000	End time	0.000
Staged construction				
Active proportion total area	$M_{Area}$	0.000	$\Sigma M_{Area}$	0.8001
Active proportion of stage	$M_{Stage}$	0.000	$\Sigma M_{Stage}$	0.000
Forces				
$F_x$	0.000 kN/m			
$F_y$	0.000 kN/m			
Consolidation				
Realised $P_{Excess,Max}$	0.000 kN/m <sup>2</sup>			

## 1.1.4.2 Calculation information

Calculation information				
Step info				
Phase	1° step coronella+t riporto [Phase_1]			
Step	Initial			
Calulation mode	Classical mode			
Step type	Plastic			
Updated mesh	False			
Solver type	Classic			
Kernel type	64 bit			
Extrapolation factor	0.5969			
Relative stiffness	0.9387			
Multipliers				
Prescribed displacements X	$M_{DispX}$	0.000	$\Sigma M_{DispX}$	1.000
Prescribed displacements Y	$M_{DispY}$	0.000	$\Sigma M_{DispY}$	1.000
Load system A	$M_{LoadA}$	0.000	$\Sigma M_{LoadA}$	1.000
Load system B	$M_{LoadB}$	0.000	$\Sigma M_{LoadB}$	1.000
Soil weight	$M_{Weight}$	0.000	$\Sigma M_{Weight}$	1.000
Acceleration	$M_{Accel}$	0.000	$\Sigma M_{Accel}$	0.000
Strength reduction factor	$M_{sr}$	0.000	$\Sigma M_{sr}$	1.000
Time	Increment	0.000	End time	0.000
Staged construction				
Active proportion total area	$M_{Area}$	3.195E-3	$\Sigma M_{Area}$	0.8235
Active proportion of stage	$M_{Stage}$	0.1283	$\Sigma M_{Stage}$	1.000
Forces				
$F_x$	0.000 kN/m			
$F_y$	0.000 kN/m			
Consolidation				
Realised $P_{Excess,Max}$	16.93 kN/m <sup>2</sup>			

### 1.1.4.3 Calculation information

Calculation information				
Step info				
Phase	2°step coronella+t riporto [Phase_2]			
Step	Initial			
Calulation mode	Classical mode			
Step type	Plastic			
Updated mesh	False			
Solver type	Classic			
Kernel type	64 bit			
Extrapolation factor	1.864			
Relative stiffness	0.7077			
Multipliers				
Prescribed displacements X	$M_{DispX}$	0.000	$\Sigma M_{DispX}$	1.000
Prescribed displacements Y	$M_{DispY}$	0.000	$\Sigma M_{DispY}$	1.000
Load system A	$M_{LoadA}$	0.000	$\Sigma M_{LoadA}$	1.000
Load system B	$M_{LoadB}$	0.000	$\Sigma M_{LoadB}$	1.000
Soil weight	$M_{Weight}$	0.000	$\Sigma M_{Weight}$	1.000
Acceleration	$M_{Accel}$	0.000	$\Sigma M_{Accel}$	0.000
Strength reduction factor	$M_{sr}$	0.000	$\Sigma M_{sr}$	1.000
Time	Increment	0.000	End time	0.000
Staged construction				
Active proportion total area	$M_{Area}$	0.01512	$\Sigma M_{Area}$	0.8688
Active proportion of stage	$M_{Stage}$	0.2775	$\Sigma M_{Stage}$	1.000
Forces				
$F_x$	0.000 kN/m			
$F_y$	0.000 kN/m			
Consolidation				
Realised $P_{Excess,Max}$	58.20 kN/m <sup>2</sup>			

## 1.1.4.4 Calculation information

Calculation information				
Step info				
Phase	paratia [Phase_4]			
Step	Initial			
Calulation mode	Classical mode			
Step type	Plastic			
Updated mesh	False			
Solver type	Classic			
Kernel type	64 bit			
Extrapolation factor	0.7938			
Relative stiffness	0.4567			
Multipliers				
Prescribed displacements X	$M_{DispX}$	0.000	$\Sigma M_{DispX}$	1.000
Prescribed displacements Y	$M_{DispY}$	0.000	$\Sigma M_{DispY}$	1.000
Load system A	$M_{LoadA}$	0.000	$\Sigma M_{LoadA}$	1.000
Load system B	$M_{LoadB}$	0.000	$\Sigma M_{LoadB}$	1.000
Soil weight	$M_{Weight}$	0.000	$\Sigma M_{Weight}$	1.000
Acceleration	$M_{Accel}$	0.000	$\Sigma M_{Accel}$	0.000
Strength reduction factor	$M_{sf}$	0.000	$\Sigma M_{sf}$	1.000
Time	Increment	0.000	End time	0.000
Staged construction				
Active proportion total area	$M_{Area}$	0.000	$\Sigma M_{Area}$	0.8688
Active proportion of stage	$M_{Stage}$	0.2264	$\Sigma M_{Stage}$	1.000
Forces				
$F_x$	0.000 kN/m			
$F_y$	0.000 kN/m			
Consolidation				
Realised $P_{Excess,Max}$	57.37 kN/m <sup>2</sup>			

## 1.1.4.5 Calculation information

Calculation information				
Step info				
Phase	1° scavo [Phase_5]			
Step	Initial			
Calculation mode	Classical mode			
Step type	Plastic			
Updated mesh	False			
Solver type	Classic			
Kernel type	64 bit			
Extrapolation factor	0.2327			
Relative stiffness	0.05862			
Multipliers				
Prescribed displacements X	$M_{DispX}$	0.000	$\Sigma M_{DispX}$	1.000
Prescribed displacements Y	$M_{DispY}$	0.000	$\Sigma M_{DispY}$	1.000
Load system A	$M_{LoadA}$	0.000	$\Sigma M_{LoadA}$	1.000
Load system B	$M_{LoadB}$	0.000	$\Sigma M_{LoadB}$	1.000
Soil weight	$M_{Weight}$	0.000	$\Sigma M_{Weight}$	1.000
Acceleration	$M_{Accel}$	0.000	$\Sigma M_{Accel}$	0.000
Strength reduction factor	$M_{sf}$	0.000	$\Sigma M_{sf}$	1.000
Time	Increment	0.000	End time	0.000
Staged construction				
Active proportion total area	$M_{Area}$	-0.1302E-3	$\Sigma M_{Area}$	0.8417
Active proportion of stage	$M_{Stage}$	2.484E-3	$\Sigma M_{Stage}$	1.000
Forces				
$F_x$	0.000 kN/m			
$F_y$	0.000 kN/m			
Consolidation				
Realised $P_{Excess,Max}$	58.05 kN/m <sup>2</sup>			

## 1.1.4.6 Calculation information

Calculation information				
Step info				
Phase	2° scavo [Phase_6]			
Step	Initial			
Calulation mode	Classical mode			
Step type	Plastic			
Updated mesh	False			
Solver type	Classic			
Kernel type	64 bit			
Extrapolation factor	0.6464			
Relative stiffness	0.03374			
Multipliers				
Prescribed displacements X	$M_{DispX}$	0.000	$\Sigma M_{DispX}$	1.000
Prescribed displacements Y	$M_{DispY}$	0.000	$\Sigma M_{DispY}$	1.000
Load system A	$M_{LoadA}$	0.000	$\Sigma M_{LoadA}$	1.000
Load system B	$M_{LoadB}$	0.000	$\Sigma M_{LoadB}$	1.000
Soil weight	$M_{Weight}$	0.000	$\Sigma M_{Weight}$	1.000
Acceleration	$M_{Accel}$	0.000	$\Sigma M_{Accel}$	0.000
Strength reduction factor	$M_{sf}$	0.000	$\Sigma M_{sf}$	1.000
Time	Increment	0.000	End time	0.000
Staged construction				
Active proportion total area	$M_{Area}$	-0.5646E-3	$\Sigma M_{Area}$	0.8208
Active proportion of stage	$M_{Stage}$	0.02214	$\Sigma M_{Stage}$	1.000
Forces				
$F_x$	0.000 kN/m			
$F_y$	0.000 kN/m			
Consolidation				
Realised $P_{Excess,Max}$	84.90 kN/m <sup>2</sup>			

## 1.1.4.7 Calculation information

Calculation information				
Step info				
Phase	sovraccarico [Phase_7]			
Step	Initial			
Calculation mode	Classical mode			
Step type	Plastic			
Updated mesh	False			
Solver type	Classic			
Kernel type	64 bit			
Extrapolation factor	0.4841			
Relative stiffness	0.2136			
Multipliers				
Prescribed displacements X	$M_{DispX}$	0.000	$\Sigma M_{DispX}$	1.000
Prescribed displacements Y	$M_{DispY}$	0.000	$\Sigma M_{DispY}$	1.000
Load system A	$M_{LoadA}$	0.000	$\Sigma M_{LoadA}$	1.000
Load system B	$M_{LoadB}$	0.000	$\Sigma M_{LoadB}$	1.000
Soil weight	$M_{Weight}$	0.000	$\Sigma M_{Weight}$	1.000
Acceleration	$M_{Accel}$	0.000	$\Sigma M_{Accel}$	0.000
Strength reduction factor	$M_{dr}$	0.000	$\Sigma M_{dr}$	1.000
Time	Increment	0.000	End time	0.000
Staged construction				
Active proportion total area	$M_{Area}$	0.000	$\Sigma M_{Area}$	0.8208
Active proportion of stage	$M_{Stage}$	0.03163	$\Sigma M_{Stage}$	1.000
Forces				
$F_x$	0.000 kN/m			
$F_y$	0.000 kN/m			
Consolidation				
Realised $P_{Excess,Max}$	114.3 kN/m <sup>2</sup>			

## 1.1.4.8 Calculation information

Calculation information				
Step info				
Phase	SLU A1 M1 R1 [Phase_8]			
Step	Initial			
Calculation mode	Classical mode			
Step type	Plastic			
Updated mesh	False			
Solver type	Classic			
Kernel type	64 bit			
Extrapolation factor	0.2803			
Relative stiffness	0.1408			
Multipliers				
Prescribed displacements X	$M_{DispX}$	0.000	$\Sigma M_{DispX}$	1.000
Prescribed displacements Y	$M_{DispY}$	0.000	$\Sigma M_{DispY}$	1.000
Load system A	$M_{LoadA}$	0.000	$\Sigma M_{LoadA}$	1.000
Load system B	$M_{LoadB}$	0.000	$\Sigma M_{LoadB}$	1.000
Soil weight	$M_{Weight}$	0.000	$\Sigma M_{Weight}$	1.000
Acceleration	$M_{Accel}$	0.000	$\Sigma M_{Accel}$	0.000
Strength reduction factor	$M_{sf}$	0.000	$\Sigma M_{sf}$	1.000
Time	Increment	0.000	End time	0.000
Staged construction				
Active proportion total area	$M_{Area}$	-8.878E-6	$\Sigma M_{Area}$	0.8207
Active proportion of stage	$M_{Stage}$	0.06638	$\Sigma M_{Stage}$	1.000
Forces				
$F_x$	0.000 kN/m			
$F_y$	0.000 kN/m			
Consolidation				
Realised $P_{Excess,Max}$	121.9 kN/m <sup>2</sup>			



## 1.1.4.9 Calculation information

Calculation information				
Step info				
Phase	FS SLU A1 M1 R1 [Phase_12]			
Step	Initial			
Calculation mode	Classical mode			
Step type	Safety			
Updated mesh	False			
Solver type	Classic			
Kernel type	64 bit			
Extrapolation factor	2.000			
Relative stiffness	3.271E-3			
Multipliers				
Prescribed displacements X	$M_{DispX}$	0.000	$\Sigma M_{DispX}$	1.000
Prescribed displacements Y	$M_{DispY}$	0.000	$\Sigma M_{DispY}$	1.000
Load system A	$M_{LoadA}$	0.000	$\Sigma M_{LoadA}$	1.000
Load system B	$M_{LoadB}$	0.000	$\Sigma M_{LoadB}$	1.000
Soil weight	$M_{Weight}$	0.000	$\Sigma M_{Weight}$	1.000
Acceleration	$M_{Accel}$	0.000	$\Sigma M_{Accel}$	0.000
Strength reduction factor	$M_{sf}$	2.698E-3	$\Sigma M_{sf}$	1.523
Time	Increment	0.000	End time	0.000
Staged construction				
Active proportion total area	$M_{Area}$	0.000	$\Sigma M_{Area}$	0.8207
Active proportion of stage	$M_{Stage}$	0.000	$\Sigma M_{Stage}$	0.000
Forces				
$F_x$	0.000 kN/m			
$F_y$	0.000 kN/m			
Consolidation				
Realised $P_{Excess,Max}$	125.5 kN/m <sup>2</sup>			

## 1.1.4.10 Calculation information

Calculation information				
Step info				
Phase	SLU A2 M2 R2 [Phase_9]			
Step	Initial			
Calculation mode	Classical mode			
Step type	Plastic			
Updated mesh	False			
Solver type	Classic			
Kernel type	64 bit			
Extrapolation factor	0.02155			
Relative stiffness	0.08726			
Multipliers				
Prescribed displacements X	$M_{DispX}$	0.000	$\Sigma M_{DispX}$	1.000
Prescribed displacements Y	$M_{DispY}$	0.000	$\Sigma M_{DispY}$	1.000
Load system A	$M_{LoadA}$	0.000	$\Sigma M_{LoadA}$	1.000
Load system B	$M_{LoadB}$	0.000	$\Sigma M_{LoadB}$	1.000
Soil weight	$M_{Weight}$	0.000	$\Sigma M_{Weight}$	1.000
Acceleration	$M_{Accel}$	0.000	$\Sigma M_{Accel}$	0.000
Strength reduction factor	$M_{Rf}$	0.000	$\Sigma M_{Rf}$	1.000
Time	Increment	0.000	End time	0.000
Staged construction				
Active proportion total area	$M_{Area}$	0.000	$\Sigma M_{Area}$	0.8208
Active proportion of stage	$M_{Stage}$	4.400E-3	$\Sigma M_{Stage}$	1.000
Forces				
$F_x$	0.000 kN/m			
$F_y$	0.000 kN/m			
Consolidation				
Realised $P_{Excess,Max}$	129.9 kN/m <sup>2</sup>			

### 1.1.4.11 Calculation information

.				
Step info				
Phase	FS SLU A2 M2 R2 [Phase_10]			
Step	Initial			
Calulation mode	Classical mode			
Step type	Safety			
Updated mesh	False			
Solver type	Classic			
Kernel type	64 bit			
Extrapolation factor	2.000			
Relative stiffness	0.2184E-3			
Multipliers				
Prescribed displacements X	$M_{DispX}$	0.000	$\Sigma M_{DispX}$	1.000
Prescribed displacements Y	$M_{DispY}$	0.000	$\Sigma M_{DispY}$	1.000
Load system A	$M_{LoadA}$	0.000	$\Sigma M_{LoadA}$	1.000
Load system B	$M_{LoadB}$	0.000	$\Sigma M_{LoadB}$	1.000
Soil weight	$M_{Weight}$	0.000	$\Sigma M_{Weight}$	1.000
Acceleration	$M_{Accel}$	0.000	$\Sigma M_{Accel}$	0.000
Strength reduction factor	$M_{sf}$	0.2312E-3	$\Sigma M_{sf}$	1.204
Time	Increment	0.000	End time	0.000
Staged construction				
Active proportion total area	$M_{Area}$	0.000	$\Sigma M_{Area}$	0.8208
Active proportion of stage	$M_{Stage}$	0.000	$\Sigma M_{Stage}$	0.000
Forces				
$F_x$	0.000 kN/m			
$F_y$	0.000 kN/m			
Consolidation				
Realised $P_{Excess,Max}$	132.9 kN/m <sup>2</sup>			

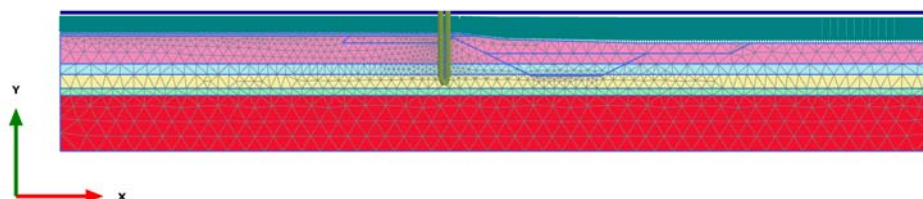
## 1.1.4.12 Calculation information

Calculation information				
Step info				
Phase	FS 2° scavo [Phase_13]			
Step	Initial			
Calculation mode	Classical mode			
Step type	Safety			
Updated mesh	False			
Solver type	Classic			
Kernel type	64 bit			
Extrapolation factor	0.5000			
Relative stiffness	9.265E-3			
Multipliers				
Prescribed displacements X	$M_{DispX}$	0.000	$\Sigma M_{DispX}$	1.000
Prescribed displacements Y	$M_{DispY}$	0.000	$\Sigma M_{DispY}$	1.000
Load system A	$M_{LoadA}$	0.000	$\Sigma M_{LoadA}$	1.000
Load system B	$M_{LoadB}$	0.000	$\Sigma M_{LoadB}$	1.000
Soil weight	$M_{Weight}$	0.000	$\Sigma M_{Weight}$	1.000
Acceleration	$M_{Accel}$	0.000	$\Sigma M_{Accel}$	0.000
Strength reduction factor	$M_{\gamma f}$	-5.673E-3	$\Sigma M_{\gamma f}$	1.516
Time	Increment	0.000	End time	0.000
Staged construction				
Active proportion total area	$M_{Area}$	0.000	$\Sigma M_{Area}$	0.8208
Active proportion of stage	$M_{Stage}$	0.000	$\Sigma M_{Stage}$	0.000
Forces				
$F_x$	0.000 kN/m			
$F_y$	0.000 kN/m			
Consolidation				
Realised $P_{Excess,Max}$	84.17 kN/m <sup>2</sup>			

### 1.1.4.13 Calculation information

Calculation information				
Step info				
Phase	FS 1° scavo [Phase_11]			
Step	Initial			
Calculation mode	Classical mode			
Step type	Safety			
Updated mesh	False			
Solver type	Classic			
Kernel type	64 bit			
Extrapolation factor	2.000			
Relative stiffness	1.979E-6			
Multipliers				
Prescribed displacements X	$M_{DispX}$	0.000	$\Sigma M_{DispX}$	1.000
Prescribed displacements Y	$M_{DispY}$	0.000	$\Sigma M_{DispY}$	1.000
Load system A	$M_{LoadA}$	0.000	$\Sigma M_{LoadA}$	1.000
Load system B	$M_{LoadB}$	0.000	$\Sigma M_{LoadB}$	1.000
Soil weight	$M_{Weight}$	0.000	$\Sigma M_{Weight}$	1.000
Acceleration	$M_{Accel}$	0.000	$\Sigma M_{Accel}$	0.000
Strength reduction factor	$M_{\gamma f}$	3.373E-3	$\Sigma M_{\gamma f}$	1.589
Time	Increment	0.000	End time	0.000
Staged construction				
Active proportion total area	$M_{Area}$	0.000	$\Sigma M_{Area}$	0.8417
Active proportion of stage	$M_{Stage}$	0.000	$\Sigma M_{Stage}$	0.000
Forces				
$F_x$	0.000 kN/m			
$F_y$	0.000 kN/m			
Consolidation				
Realised $P_{Excess,Max}$	58.90 kN/m <sup>2</sup>			

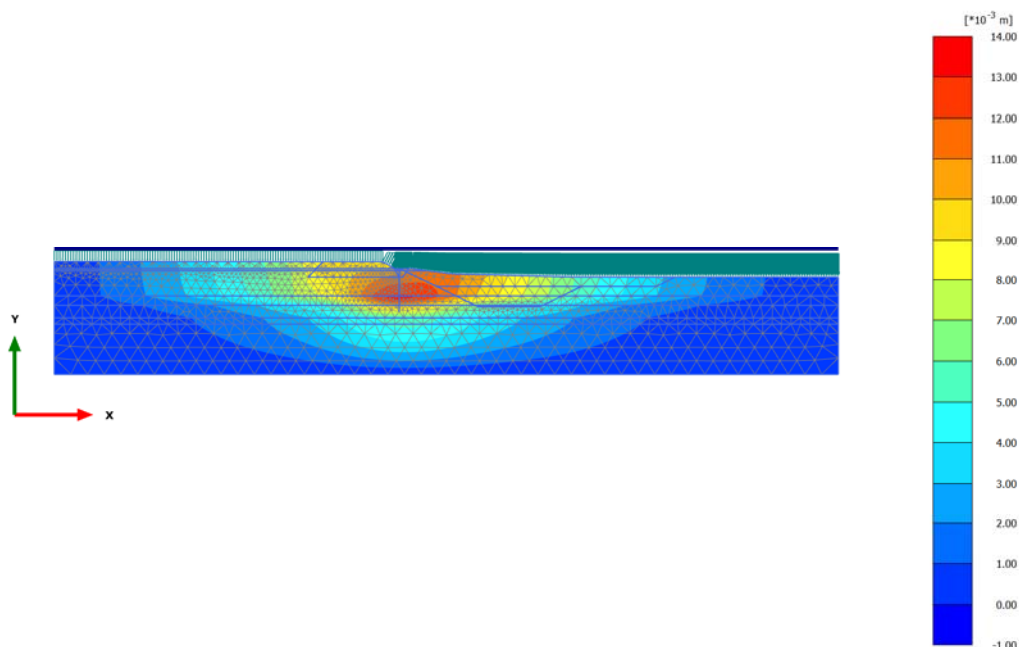
### 2.1.1.1.1 Calculation results, Initial phase [InitialPhase] (0/0), Total displacements $u_x$



Total displacements  $u_x$

Uniform value of 0.000 m

### 2.1.1.1.2 Calculation results, 1° step coronella+t riporto [Phase\_1] (19/7), Total displacements $u_x$



Total displacements  $u_x$

Maximum value = 0.01328 m (Element 5293 at Node 22094)

Minimum value = 0.000 m (Element 3197 at Node 959)



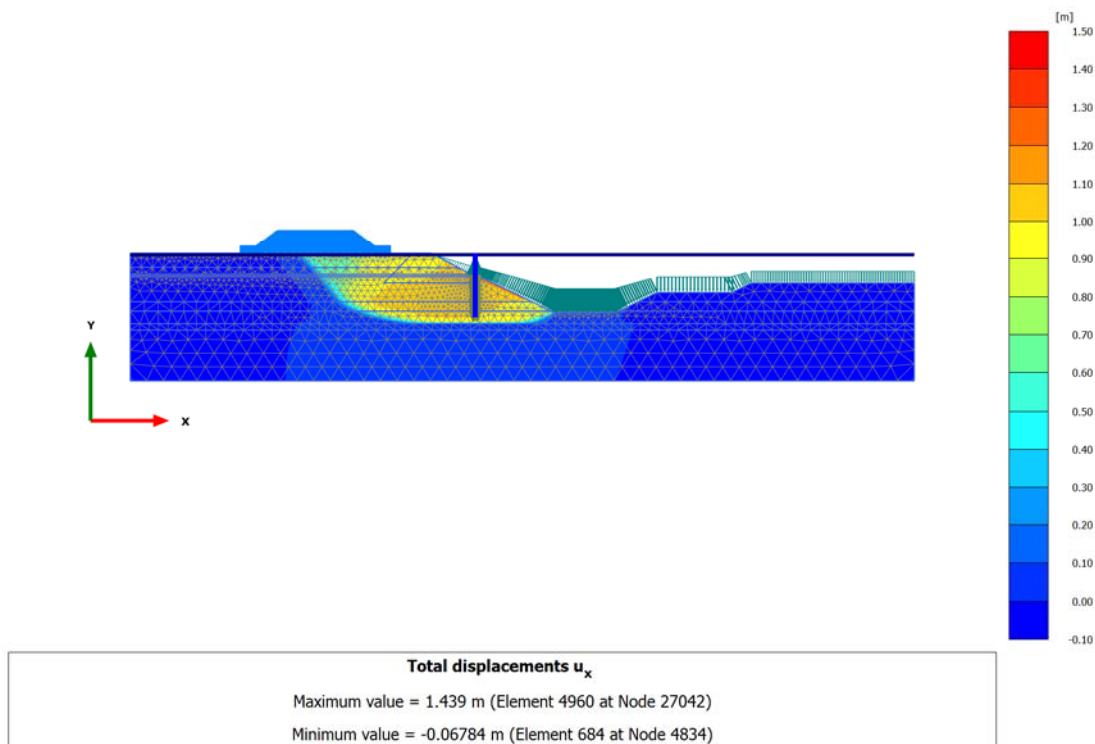




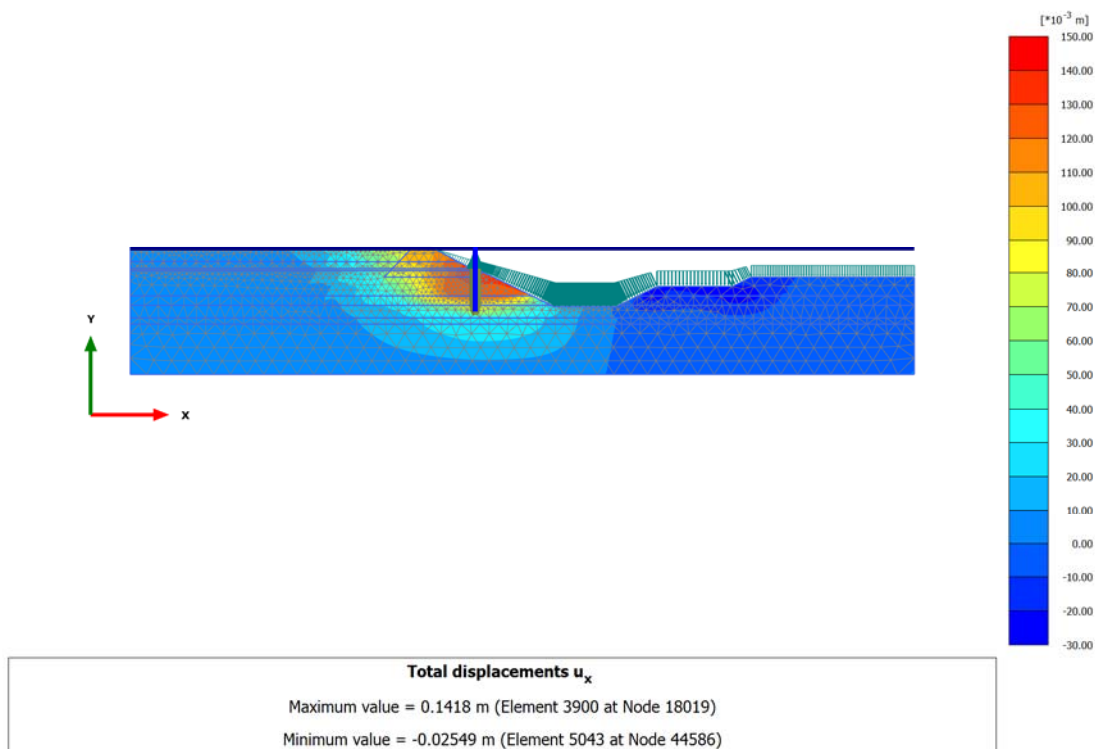




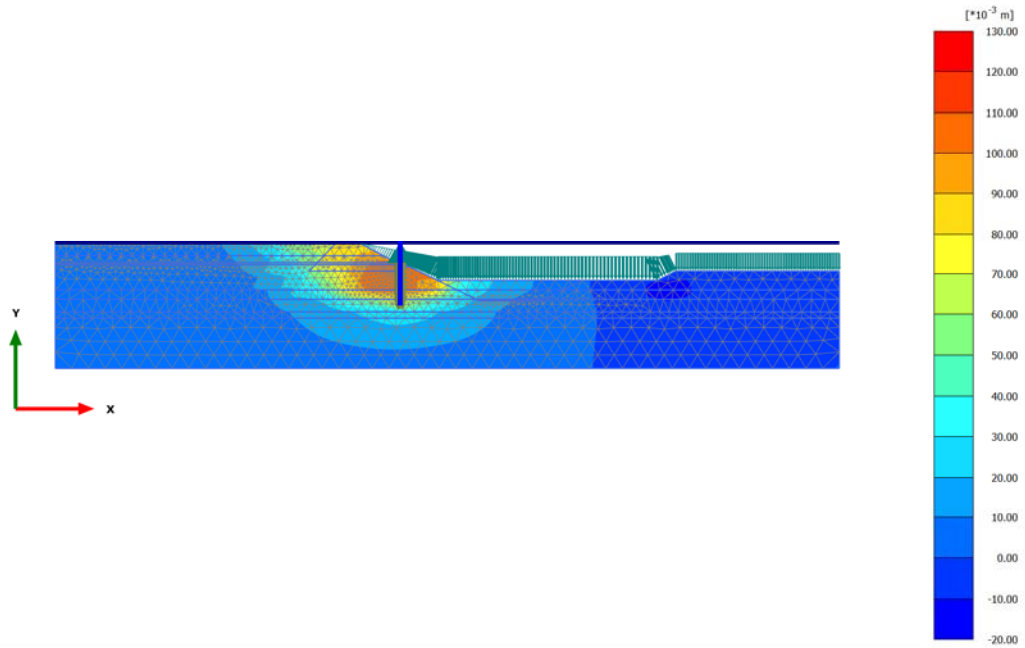
### 2.1.1.1.11 Calculation results, FS SLU A2 M2 R2 [Phase\_10] (28/409), Total displacements $u_x$



### 2.1.1.1.12 Calculation results, FS 2° scavo [Phase\_13] (31/509), Total displacements $u_x$



### 2.1.1.1.13 Calculation results, FS 1° scavo [Phase\_11] (29/609), Total displacements $u_x$

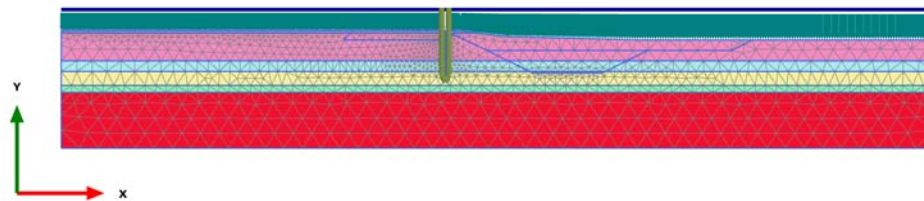


#### Total displacements $u_x$

Maximum value = 0.1267 m (Element 3902 at Node 16959)

Minimum value = -0.01553 m (Element 5308 at Node 44579)

### 2.2.1.1 Calculation results, Initial phase [InitialPhase] (0/0), Plastic points

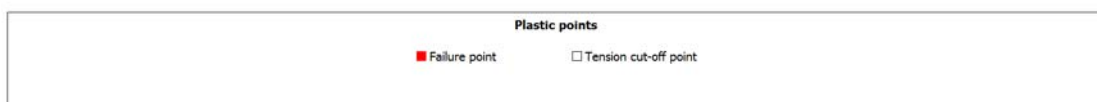
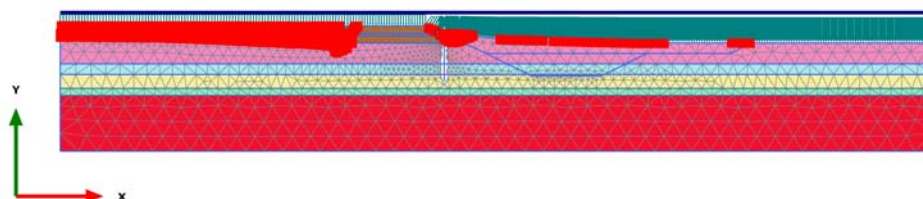


#### Plastic points

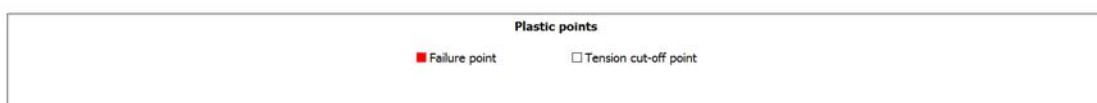
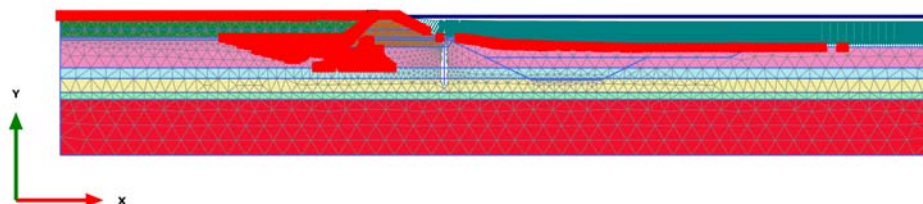
■ Failure point

□ Tension cut-off point

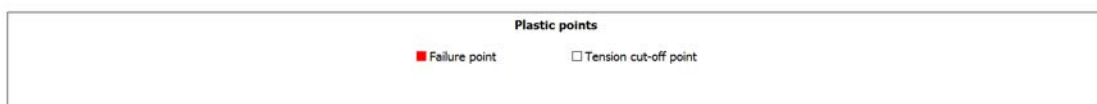
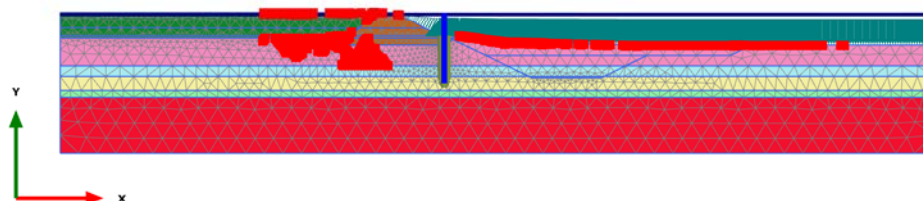
### 2.2.1.2 Calculation results, 1° step coronella+t riporto [Phase\_1] (19/7), Plastic points



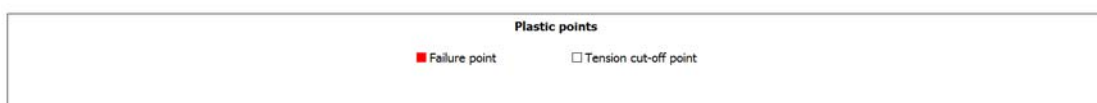
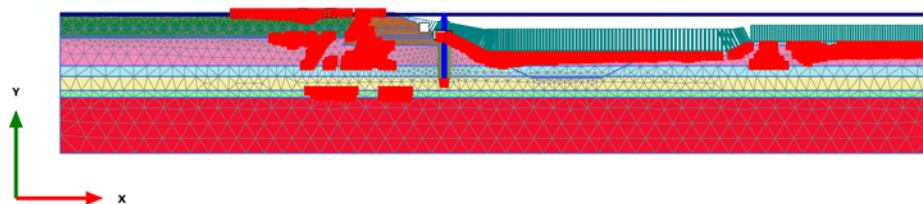
### 2.2.1.3 Calculation results, 2° step coronella+t riporto [Phase\_2] (20/17), Plastic points



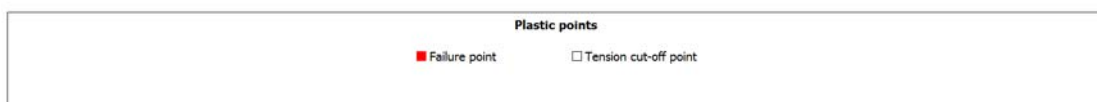
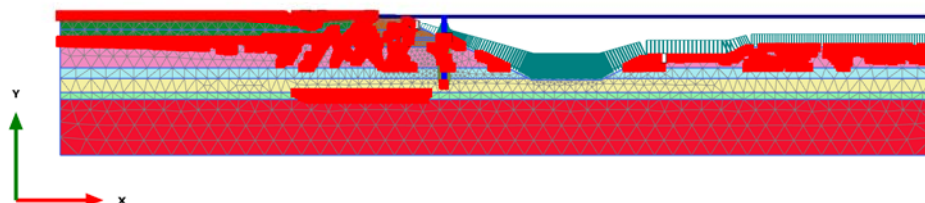
#### 2.2.1.4 Calculation results, paratia [Phase\_4] (22/20), Plastic points



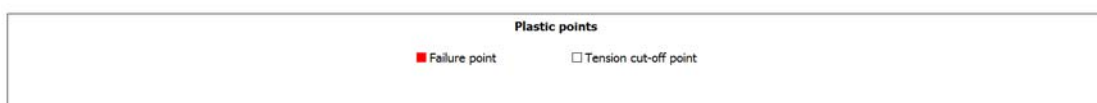
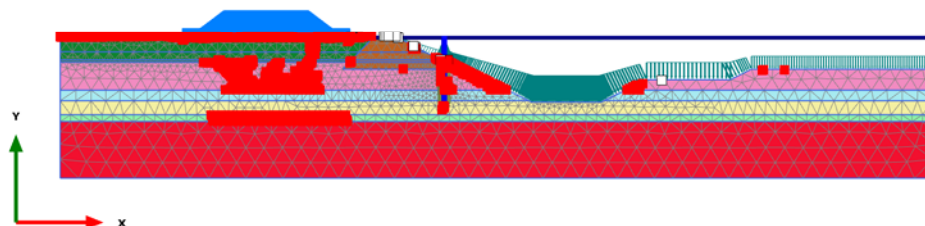
#### 2.2.1.5 Calculation results, 1° scavo [Phase\_5] (23/35), Plastic points



### 2.2.1.6 Calculation results, 2° scavo [Phase\_6] (24/72), Plastic points

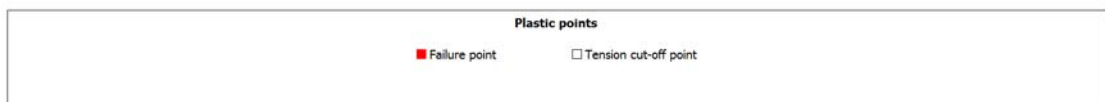
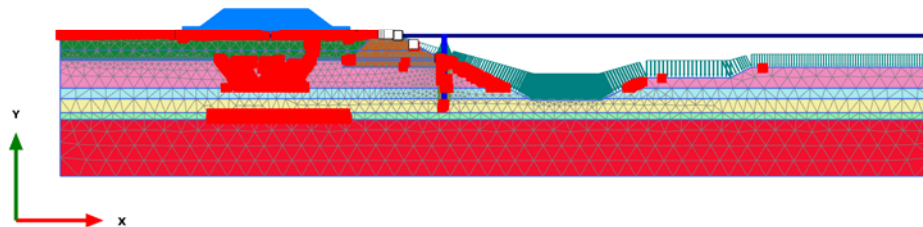


### 2.2.1.7 Calculation results, sovraccarico [Phase\_7] (25/96), Plastic points

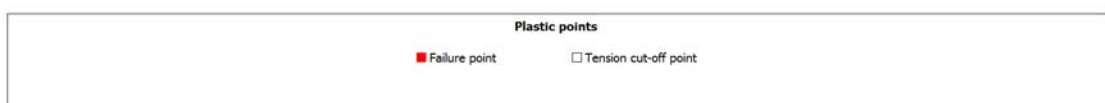
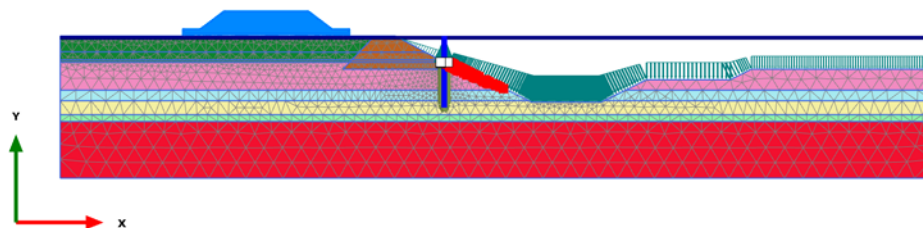




### 2.2.1.8 Calculation results, SLU A1 M1 R1 [Phase\_8] (26/101), Plastic points

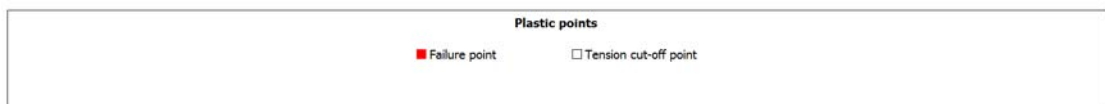
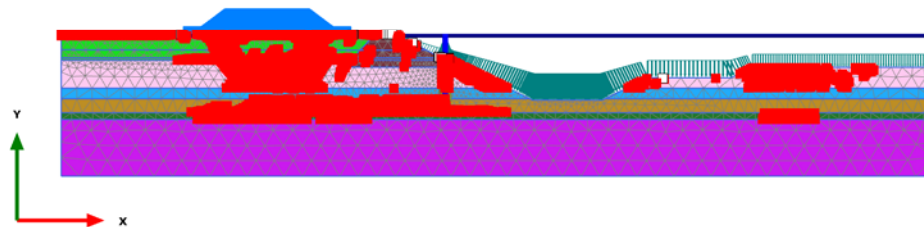


### 2.2.1.9 Calculation results, FS SLU A1 M1 R1 [Phase\_12] (30/301), Plastic points

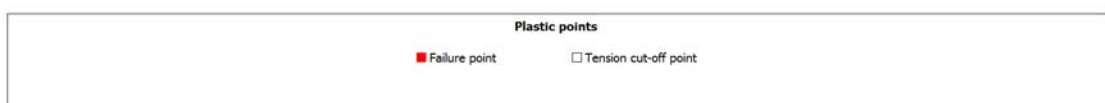
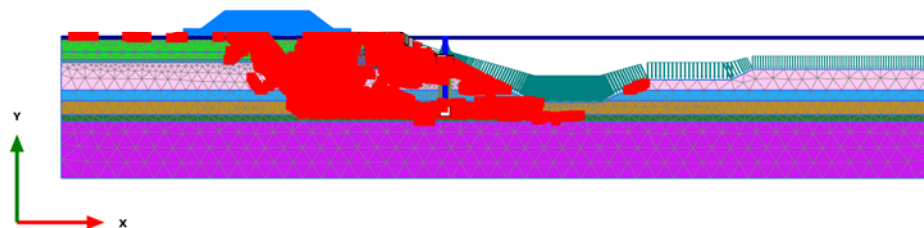




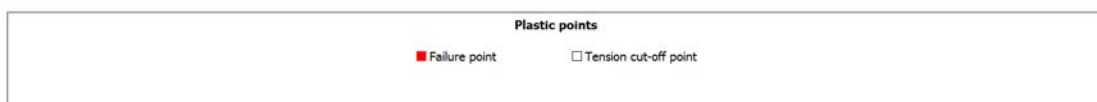
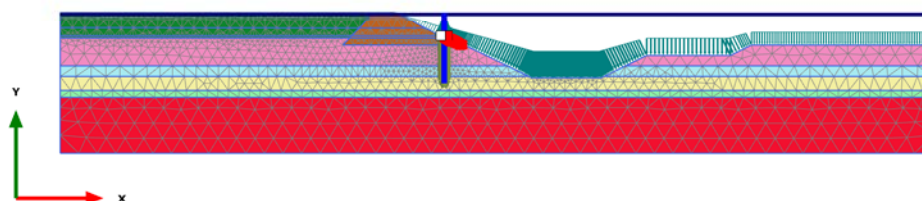
### 2.2.1.10 Calculation results, SLU A2 M2 R2 [Phase\_9] (27/309), Plastic points



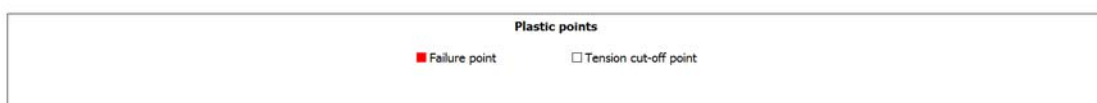
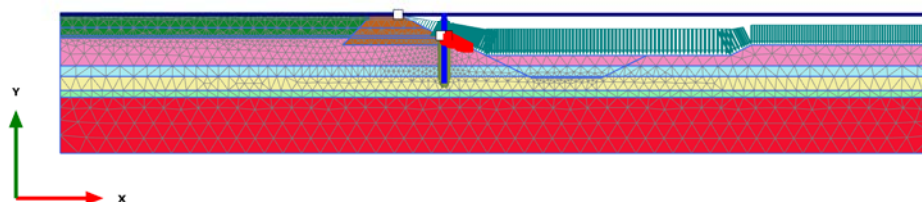
### 2.2.1.11 Calculation results, FS SLU A2 M2 R2 [Phase\_10] (28/409), Plastic points



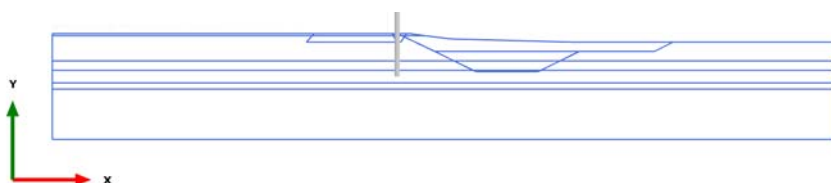
### 2.2.1.12 Calculation results, FS 2° scavo [Phase\_13] (31/509), Plastic points



### 2.2.1.13 Calculation results, FS 1° scavo [Phase\_11] (29/609), Plastic points



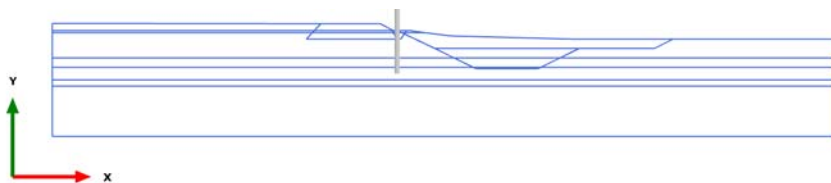
### 3.1.1.1.1.1 Calculation results, Plate, Initial phase [InitialPhase] (0/0), Total displacements $u_x$



Total displacements  $u_x$  (at true scale)

No results

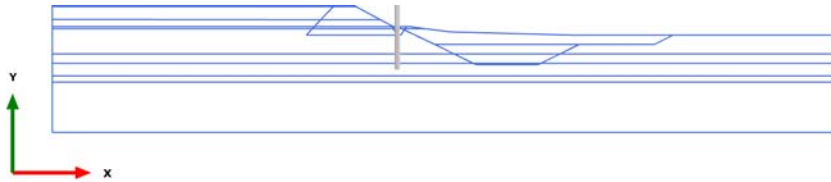
### 3.1.1.1.1.2 Calculation results, Plate, 1° step coronella+t riporto [Phase\_1] (19/7), Total displacements $u_x$



Total displacements  $u_x$  (at true scale)

No results

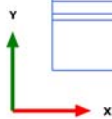
### 3.1.1.1.1.3 Calculation results, Plate, 2°step coronella+t riporto [Phase\_2] (20/17), Total displacements $u_x$



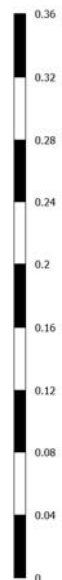
Total displacements  $u_x$  (at true scale)

No results

### 3.1.1.1.1.4 Calculation results, Plate, paratia [Phase\_4] (22/20), Total displacements $u_x$



[m]

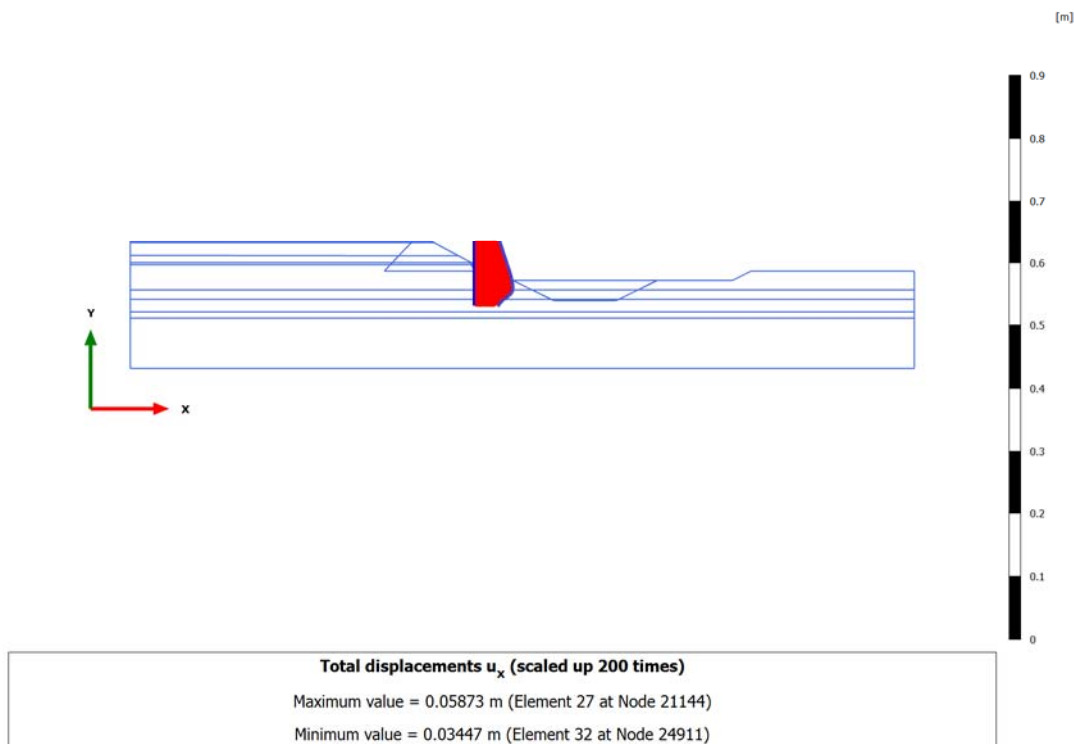


Total displacements  $u_x$  (scaled up 500 times)

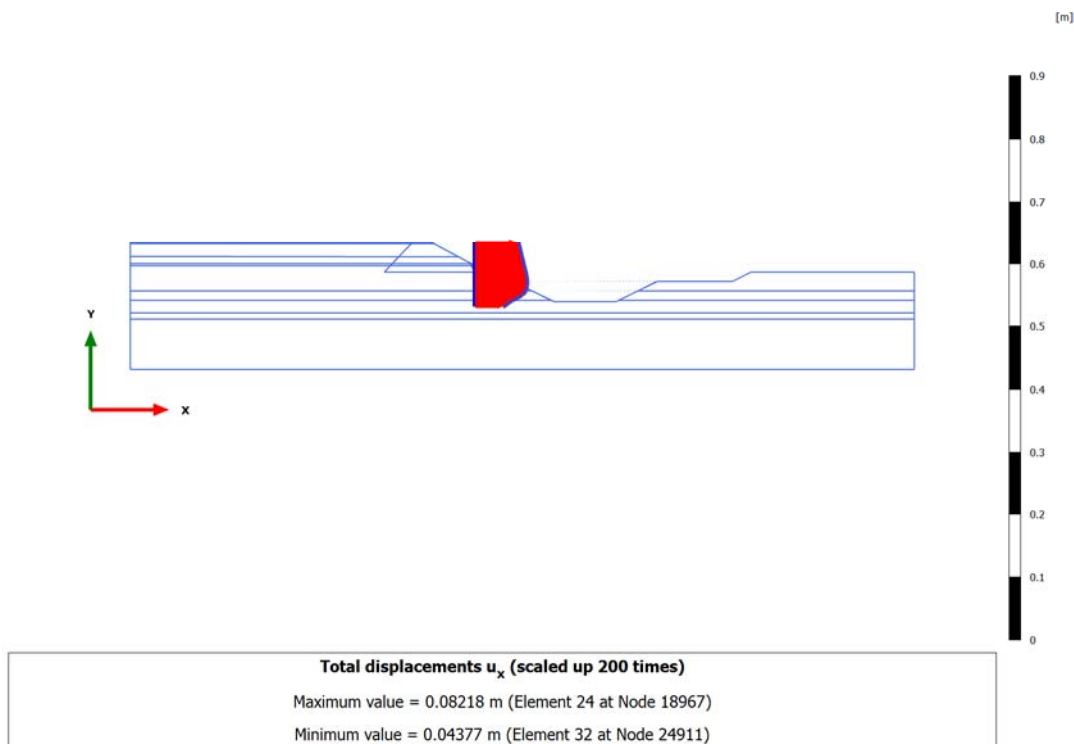
Maximum value = 0.03816 m (Element 27 at Node 21331)

Minimum value = 0.02069 m (Element 32 at Node 24911)

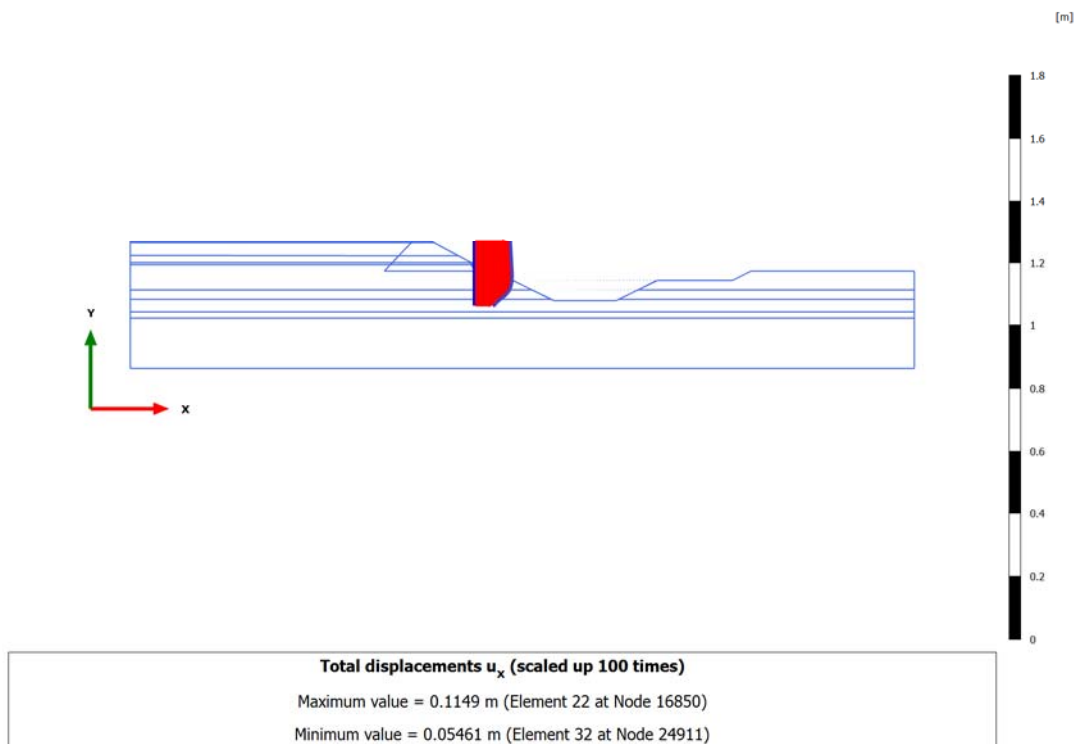
### 3.1.1.1.1.5 Calculation results, Plate, 1° scavo [Phase\_5] (23/35), Total displacements $u_x$



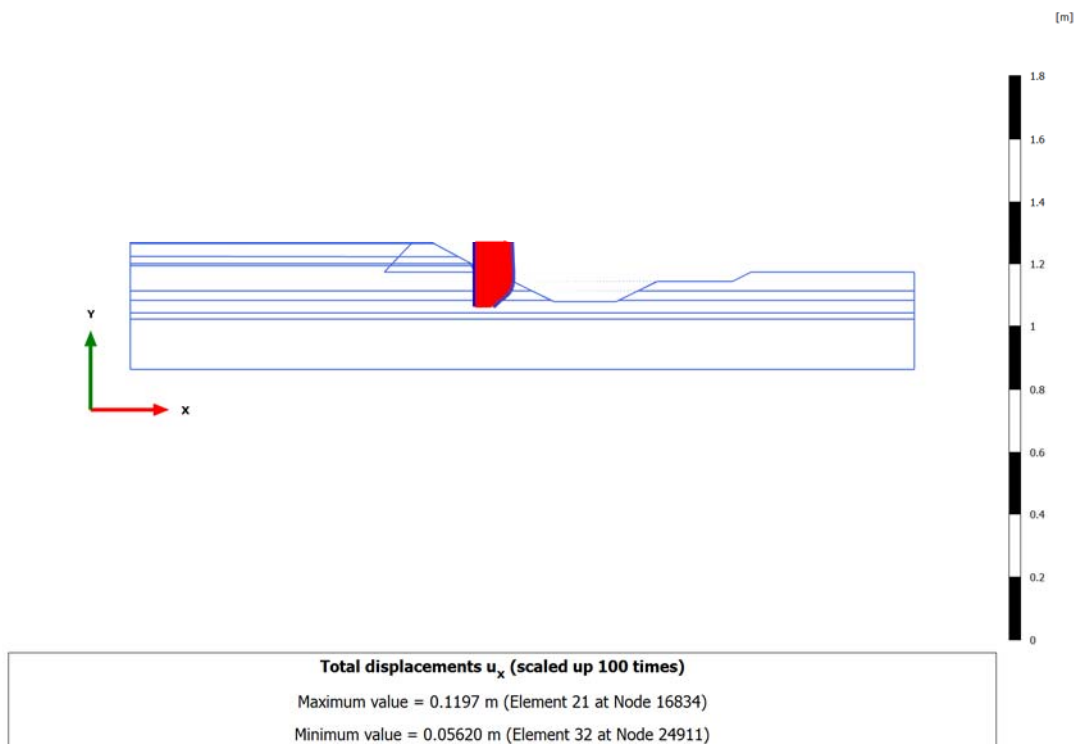
### 3.1.1.1.1.6 Calculation results, Plate, 2° scavo [Phase\_6] (24/72), Total displacements $u_x$



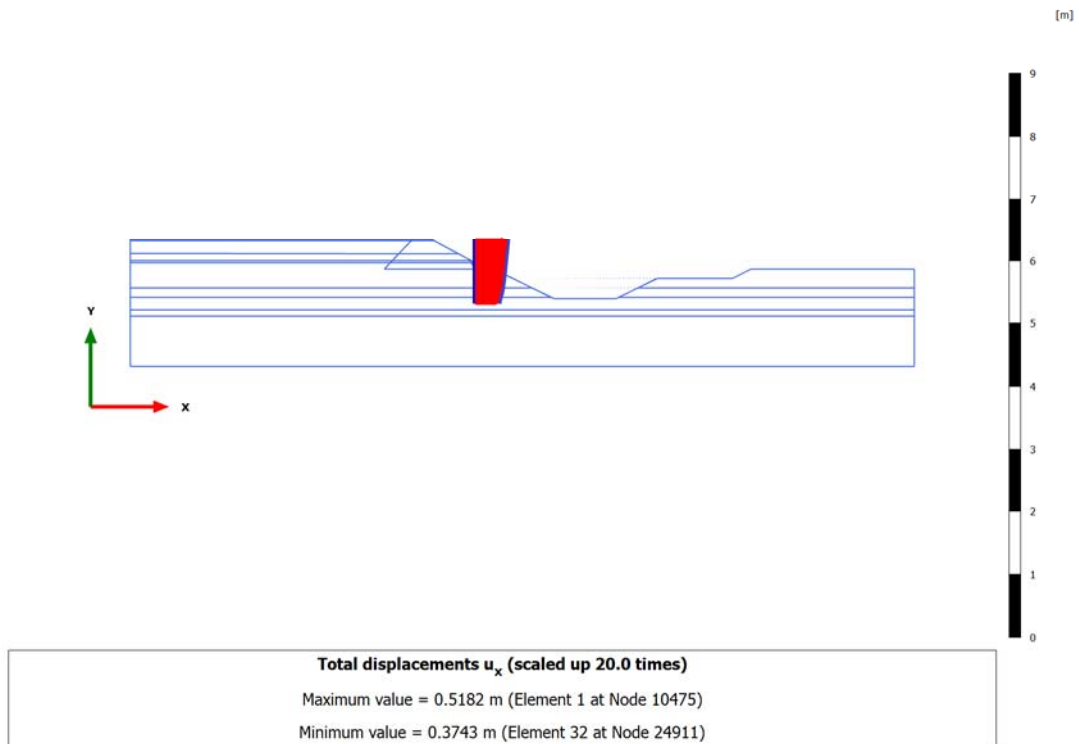
### 3.1.1.1.1.7 Calculation results, Plate, sovraccarico [Phase\_7] (25/96), Total displacements $u_x$



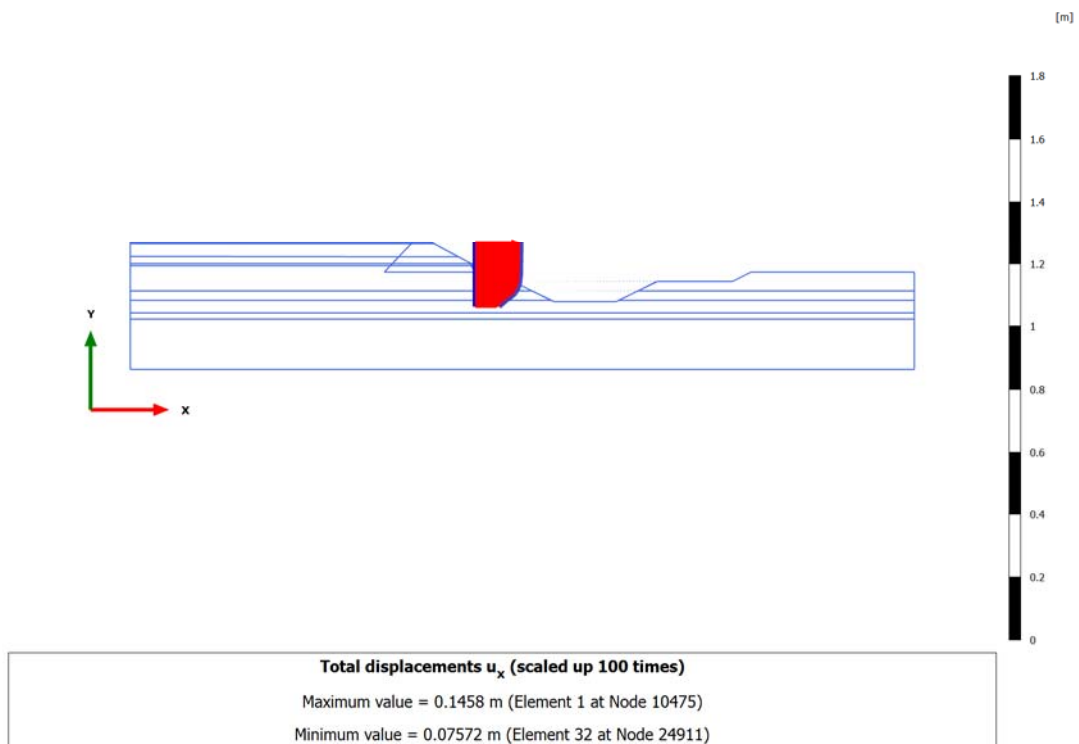
### 3.1.1.1.1.8 Calculation results, Plate, SLU A1 M1 R1 [Phase\_8] (26/101), Total displacements $u_x$



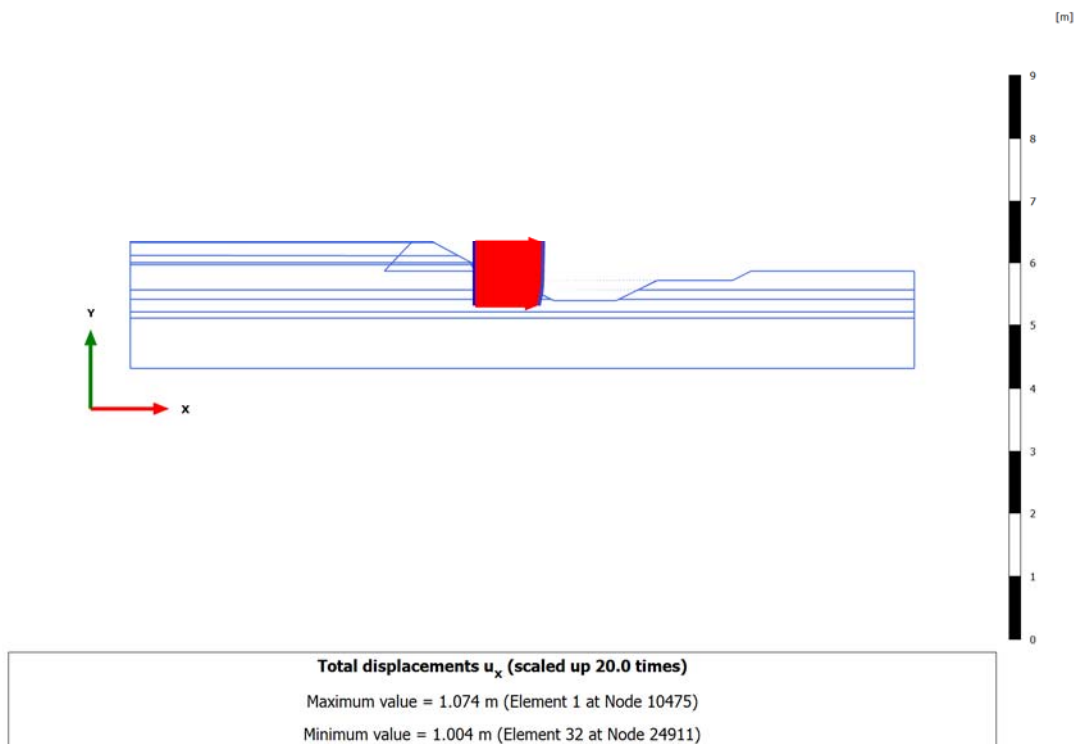
### 3.1.1.1.1.9 Calculation results, Plate, FS SLU A1 M1 R1 [Phase\_12] (30/301), Total displacements $u_x$



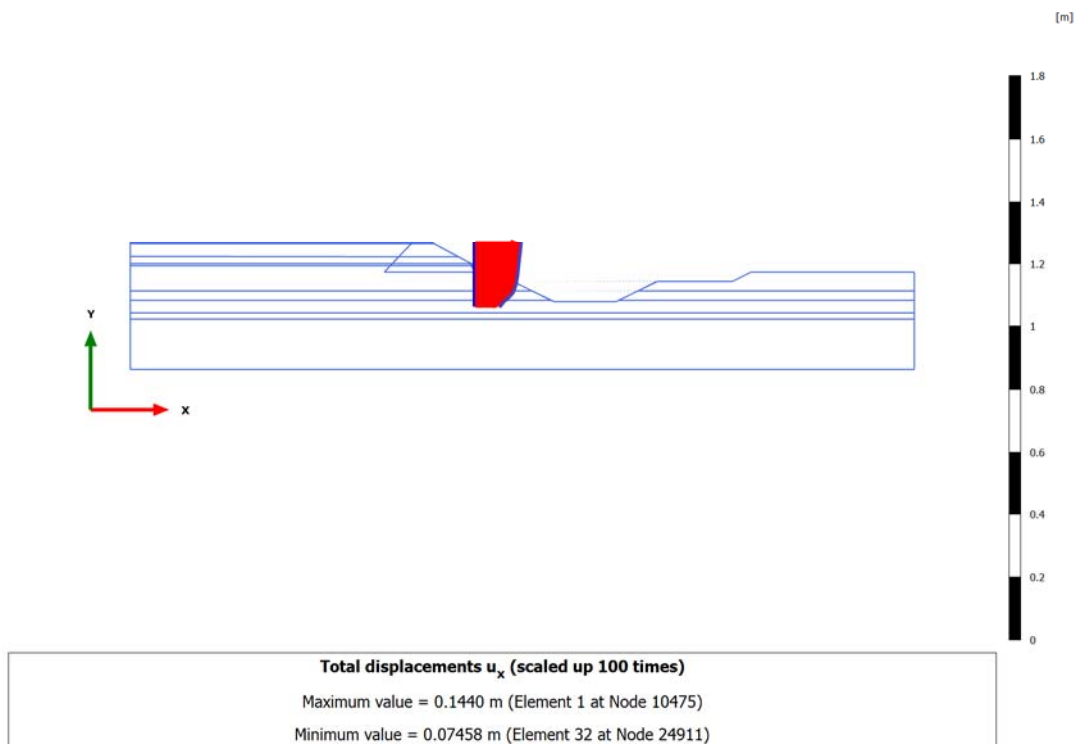
### 3.1.1.1.1.10 Calculation results, Plate, SLU A2 M2 R2 [Phase\_9] (27/309), Total displacements $u_x$



### 3.1.1.1.11 Calculation results, Plate, FS SLU A2 M2 R2 [Phase\_10] (28/409), Total displacements $u_x$

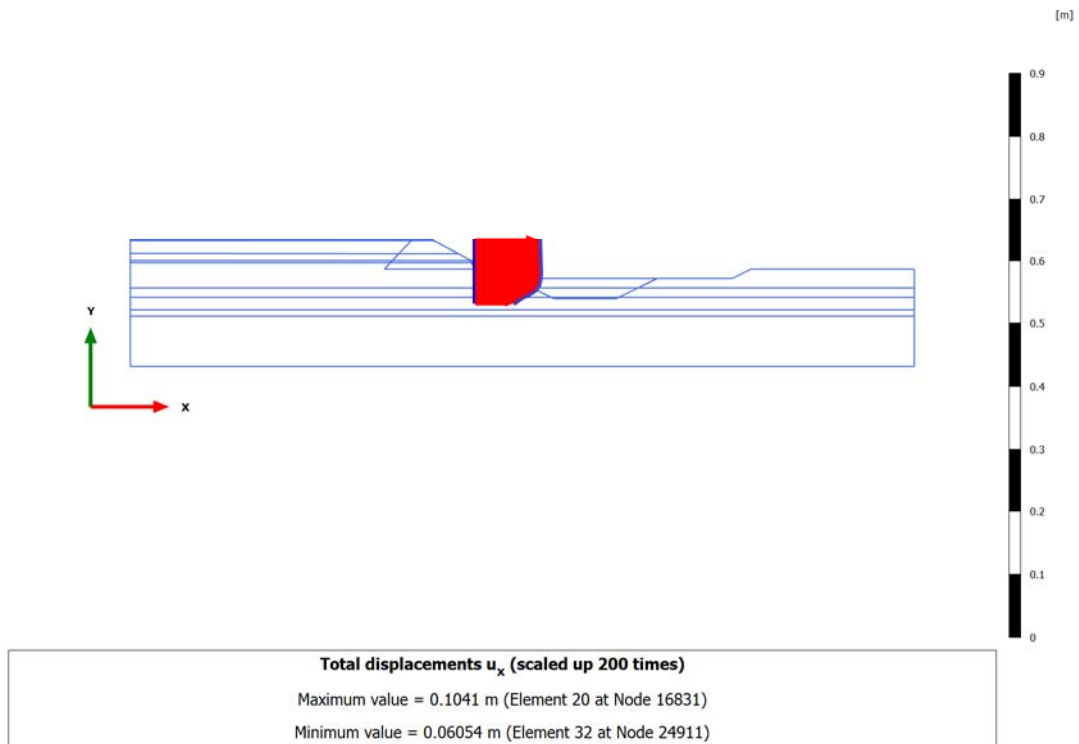


### 3.1.1.1.12 Calculation results, Plate, FS 2° scavo [Phase\_13] (31/509), Total displacements $u_x$





### 3.1.1.1.13 Calculation results, Plate, FS 1° scavo [Phase\_11] (29/609), Total displacements $u_x$



### 3.1.1.1.2.4 Calculation results, Plate, paratia [Phase\_4] (22/20), Table of total displacements

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
Plate 1-1	10475	1	110.000	0.500	26.065	4.153	26.394
(psp 600+pzl 610)	10476	2	110.000	0.375	26.172	4.153	26.499
	10477	3	110.000	0.250	26.278	4.153	26.604
	10478	4	110.000	0.125	26.384	4.153	26.709
	10647	5	110.000	0.000	26.490	4.153	26.813
Plate 2-2	10647	1	110.000	0.000	26.490	4.153	26.813
(psp 600+pzl 610)	10648	2	110.000	-0.173	26.637	4.153	26.959
	10649	3	110.000	-0.346	26.784	4.153	27.104
	10650	4	110.000	-0.520	26.931	4.153	27.249
	10671	5	110.000	-0.693	27.078	4.153	27.394
Plate 2-3	10671	1	110.000	-0.693	27.078	4.153	27.394
(psp 600+pzl 610)	10672	2	110.000	-0.864	27.223	4.153	27.538
	10673	3	110.000	-1.036	27.369	4.153	27.682
	10674	4	110.000	-1.207	27.514	4.153	27.826
	10963	5	110.000	-1.379	27.660	4.153	27.970
Plate 2-4	10963	1	110.000	-1.379	27.660	4.153	27.970
(psp 600+pzl 610)	10964	2	110.000	-1.549	27.804	4.153	28.112
	10965	3	110.000	-1.719	27.948	4.153	28.255
	10966	4	110.000	-1.889	28.092	4.153	28.398
	10977	5	110.000	-2.058	28.236	4.153	28.540
Plate 2-5	10977	1	110.000	-2.058	28.236	4.153	28.540
(psp 600+pzl 610)	10978	2	110.000	-2.227	28.379	4.153	28.681
	10979	3	110.000	-2.395	28.522	4.153	28.823
	10980	4	110.000	-2.563	28.665	4.153	28.964
	11973	5	110.000	-2.731	28.807	4.153	29.105
Plate 2-6	11973	1	110.000	-2.731	28.807	4.153	29.105
(psp 600+pzl 610)	11974	2	110.000	-2.898	28.949	4.153	29.245
	11975	3	110.000	-3.065	29.090	4.153	29.385
	11976	4	110.000	-3.231	29.232	4.153	29.525
	12761	5	110.000	-3.398	29.373	4.153	29.665
Plate 2-7	12761	1	110.000	-3.398	29.373	4.153	29.665
(psp 600+pzl 610)	12762	2	110.000	-3.563	29.513	4.153	29.804
	12763	3	110.000	-3.728	29.653	4.153	29.942
	12764	4	110.000	-3.893	29.793	4.153	30.081
	13039	5	110.000	-4.058	29.933	4.153	30.220
Plate 2-8	13039	1	110.000	-4.058	29.933	4.153	30.220
(psp 600+pzl 610)	13040	2	110.000	-4.221	30.072	4.153	30.357
	13041	3	110.000	-4.385	30.210	4.153	30.495

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
	13042	4	110.000	-4.548	30.349	4.153	30.632
	13879	5	110.000	-4.712	30.488	4.153	30.769
Plate 2-9	13879	1	110.000	-4.712	30.488	4.153	30.769
(psp 600+pzl 610)	13880	2	110.000	-4.873	30.625	4.153	30.905
	13881	3	110.000	-5.035	30.762	4.153	31.041
	13882	4	110.000	-5.197	30.900	4.153	31.178
	13983	5	110.000	-5.359	31.037	4.153	31.314
Plate 2-10	13983	1	110.000	-5.359	31.037	4.153	31.314
(psp 600+pzl 610)	13984	2	110.000	-5.519	31.173	4.153	31.449
	13985	3	110.000	-5.679	31.309	4.153	31.583
	13986	4	110.000	-5.840	31.445	4.153	31.718
	14345	5	110.000	-6.000	31.581	4.153	31.853
Plate 3-11	14345	1	110.000	-6.000	31.581	4.153	31.853
(psp 600+pzl 610)	14346	2	110.000	-6.075	31.645	4.153	31.916
	14347	3	110.000	-6.150	31.708	4.153	31.979
	14348	4	110.000	-6.225	31.772	4.153	32.042
	14407	5	110.000	-6.300	31.836	4.153	32.105
Plate 4-12	14407	1	110.000	-6.300	31.836	4.153	32.105
(psp 600+pzl 610)	14408	2	110.000	-6.385	31.912	4.170	32.183
	14409	3	110.000	-6.470	31.987	4.187	32.260
	14410	4	110.000	-6.555	32.060	4.203	32.335
	14431	5	110.000	-6.640	32.131	4.220	32.407
Plate 4-13	14431	1	110.000	-6.640	32.131	4.220	32.407
(psp 600+pzl 610)	14432	2	110.000	-6.730	32.203	4.238	32.480
	14433	3	110.000	-6.820	32.269	4.259	32.549
	14434	4	110.000	-6.910	32.331	4.286	32.614
	15335	5	110.000	-7.000	32.387	4.318	32.673
Plate 5-14	15335	1	110.000	-7.000	32.387	4.318	32.673
(psp 600+pzl 610)	15336	2	110.000	-7.097	32.463	4.344	32.753
	15337	3	110.000	-7.193	32.555	4.359	32.845
	15338	4	110.000	-7.290	32.650	4.367	32.941
	15577	5	110.000	-7.387	32.748	4.369	33.038
Plate 5-15	15577	1	110.000	-7.387	32.748	4.369	33.038
(psp 600+pzl 610)	15578	2	110.000	-7.485	32.847	4.371	33.136
	15579	3	110.000	-7.583	32.945	4.371	33.234
	15580	4	110.000	-7.682	33.042	4.370	33.330
	16271	5	110.000	-7.780	33.138	4.368	33.425
Plate 5-16	16271	1	110.000	-7.780	33.138	4.368	33.425
(psp 600+pzl 610)	16272	2	110.000	-7.880	33.234	4.366	33.519
	16273	3	110.000	-7.980	33.328	4.364	33.612
	16274	4	110.000	-8.080	33.421	4.362	33.704
	16681	5	110.000	-8.180	33.512	4.360	33.795

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
Plate 5-17	16681	1	110.000	-8.180	33.512	4.360	33.795
(psp 600+pzl 610)	16682	2	110.000	-8.281	33.604	4.358	33.885
	16683	3	110.000	-8.383	33.694	4.356	33.975
	16684	4	110.000	-8.485	33.784	4.355	34.063
	16722	5	110.000	-8.586	33.872	4.353	34.150
Plate 5-18	16722	1	110.000	-8.586	33.872	4.353	34.150
(psp 600+pzl 610)	16724	2	110.000	-8.690	33.961	4.351	34.238
	16725	3	110.000	-8.793	34.049	4.349	34.325
	16726	4	110.000	-8.897	34.136	4.347	34.412
	16723	5	110.000	-9.000	34.225	4.345	34.500
Plate 6-19	16723	1	110.000	-9.000	34.225	4.345	34.500
(psp 600+pzl 610)	16704	2	110.000	-9.110	34.320	4.341	34.593
	16705	3	110.000	-9.220	34.411	4.338	34.684
	16706	4	110.000	-9.330	34.501	4.335	34.772
	16801	5	110.000	-9.440	34.590	4.331	34.860
Plate 6-20	16801	1	110.000	-9.440	34.590	4.331	34.860
(psp 600+pzl 610)	16802	2	110.000	-9.561	34.686	4.328	34.955
	16803	3	110.000	-9.682	34.781	4.324	35.049
	16804	4	110.000	-9.803	34.874	4.321	35.141
	16831	5	110.000	-9.924	34.967	4.318	35.232
Plate 6-21	16831	1	110.000	-9.924	34.967	4.318	35.232
(psp 600+pzl 610)	16832	2	110.000	-10.058	35.067	4.314	35.332
	16833	3	110.000	-10.191	35.166	4.311	35.430
	16834	4	110.000	-10.324	35.264	4.308	35.526
	16849	5	110.000	-10.458	35.361	4.304	35.622
Plate 6-22	16849	1	110.000	-10.458	35.361	4.304	35.622
(psp 600+pzl 610)	16850	2	110.000	-10.604	35.466	4.301	35.726
	16851	3	110.000	-10.751	35.570	4.297	35.829
	16852	4	110.000	-10.898	35.673	4.294	35.930
	17863	5	110.000	-11.045	35.774	4.291	36.031
Plate 6-23	17863	1	110.000	-11.045	35.774	4.291	36.031
(psp 600+pzl 610)	17864	2	110.000	-11.206	35.884	4.288	36.140
	17865	3	110.000	-11.368	35.993	4.284	36.247
	17866	4	110.000	-11.530	36.101	4.281	36.354
	18681	5	110.000	-11.691	36.207	4.278	36.459
Plate 6-24	18681	1	110.000	-11.691	36.207	4.278	36.459
(psp 600+pzl 610)	18682	2	110.000	-11.869	36.323	4.274	36.574
	18683	3	110.000	-12.047	36.437	4.270	36.687
	18684	4	110.000	-12.225	36.550	4.267	36.798
	18967	5	110.000	-12.403	36.662	4.263	36.909
Plate 6-25	18967	1	110.000	-12.403	36.662	4.263	36.909
(psp 600+pzl 610)	18968	2	110.000	-12.599	36.784	4.259	37.029

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
	18969	3	110.000	-12.795	36.904	4.254	37.148
	18970	4	110.000	-12.991	37.023	4.249	37.266
	20151	5	110.000	-13.187	37.140	4.244	37.382
Plate 6-26	20151	1	110.000	-13.187	37.140	4.244	37.382
(psp 600+pzl 610)	20152	2	110.000	-13.403	37.268	4.238	37.508
	20153	3	110.000	-13.618	37.395	4.231	37.633
	20154	4	110.000	-13.834	37.520	4.224	37.757
	21141	5	110.000	-14.050	37.644	4.216	37.879
Plate 6-27	21141	1	110.000	-14.050	37.644	4.216	37.879
(psp 600+pzl 610)	21142	2	110.000	-14.287	37.779	4.205	38.012
	21143	3	110.000	-14.525	37.914	4.193	38.145
	21144	4	110.000	-14.762	38.048	4.180	38.277
	21331	5	110.000	-15.000	38.165	4.164	38.391
Plate 7-28	21331	1	110.000	-15.000	38.165	4.164	38.391
(psp 600+pzl 610)	21332	2	110.000	-15.250	37.807	4.014	38.019
	21333	3	110.000	-15.500	37.432	3.852	37.630
	21334	4	110.000	-15.750	36.910	3.682	37.093
	22335	5	110.000	-16.000	36.258	3.508	36.427
Plate 7-29	22335	1	110.000	-16.000	36.258	3.508	36.427
(psp 600+pzl 610)	22336	2	110.000	-16.250	35.459	3.330	35.615
	22337	3	110.000	-16.500	34.517	3.154	34.661
	22338	4	110.000	-16.750	33.430	2.982	33.563
	23097	5	110.000	-17.000	32.200	2.813	32.323
Plate 7-30	23097	1	110.000	-17.000	32.200	2.813	32.323
(psp 600+pzl 610)	23098	2	110.000	-17.250	30.827	2.647	30.940
	23099	3	110.000	-17.500	29.297	2.507	29.404
	23100	4	110.000	-17.750	27.665	2.402	27.769
	24335	5	110.000	-18.000	25.815	2.247	25.913
Plate 8-31	24335	1	110.000	-18.000	25.815	2.247	25.913
(psp 600+pzl 610)	24338	2	110.000	-18.250	25.238	2.127	25.328
	24337	3	110.000	-18.500	24.682	2.015	24.764
	24336	4	110.000	-18.750	24.108	1.900	24.182
	24907	5	110.000	-19.000	23.502	1.789	23.570
Plate 8-32	24907	1	110.000	-19.000	23.502	1.789	23.570
(psp 600+pzl 610)	24908	2	110.000	-19.250	22.839	1.693	22.902
	24909	3	110.000	-19.500	22.162	1.586	22.218
	24910	4	110.000	-19.750	21.499	1.459	21.548
	24911	5	110.000	-20.000	20.685	1.387	20.732

### 3.1.1.1.2.5 Calculation results, Plate, 1° scavo [Phase\_5] (23/35), Table of total displacements

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
Plate 1-1	10475	1	110.000	0.500	37.335	4.134	37.563
(psp 600+pzl 610)	10476	2	110.000	0.375	37.540	4.134	37.767
	10477	3	110.000	0.250	37.746	4.134	37.972
	10478	4	110.000	0.125	37.952	4.134	38.176
	10647	5	110.000	0.000	38.158	4.134	38.381
Plate 2-2	10647	1	110.000	0.000	38.158	4.134	38.381
(psp 600+pzl 610)	10648	2	110.000	-0.173	38.443	4.134	38.664
	10649	3	110.000	-0.346	38.728	4.134	38.948
	10650	4	110.000	-0.520	39.013	4.134	39.231
	10671	5	110.000	-0.693	39.298	4.134	39.515
Plate 2-3	10671	1	110.000	-0.693	39.298	4.134	39.515
(psp 600+pzl 610)	10672	2	110.000	-0.864	39.581	4.134	39.796
	10673	3	110.000	-1.036	39.863	4.134	40.077
	10674	4	110.000	-1.207	40.145	4.134	40.357
	10963	5	110.000	-1.379	40.428	4.134	40.638
Plate 2-4	10963	1	110.000	-1.379	40.428	4.134	40.638
(psp 600+pzl 610)	10964	2	110.000	-1.549	40.707	4.134	40.917
	10965	3	110.000	-1.719	40.987	4.134	41.195
	10966	4	110.000	-1.889	41.266	4.134	41.473
	10977	5	110.000	-2.058	41.546	4.134	41.751
Plate 2-5	10977	1	110.000	-2.058	41.546	4.134	41.751
(psp 600+pzl 610)	10978	2	110.000	-2.227	41.823	4.134	42.027
	10979	3	110.000	-2.395	42.100	4.134	42.302
	10980	4	110.000	-2.563	42.377	4.134	42.578
	11973	5	110.000	-2.731	42.654	4.134	42.854
Plate 2-6	11973	1	110.000	-2.731	42.654	4.134	42.854
(psp 600+pzl 610)	11974	2	110.000	-2.898	42.928	4.134	43.127
	11975	3	110.000	-3.065	43.202	4.134	43.400
	11976	4	110.000	-3.231	43.477	4.134	43.673
	12761	5	110.000	-3.398	43.751	4.134	43.946
Plate 2-7	12761	1	110.000	-3.398	43.751	4.134	43.946
(psp 600+pzl 610)	12762	2	110.000	-3.563	44.023	4.134	44.216
	12763	3	110.000	-3.728	44.294	4.134	44.487
	12764	4	110.000	-3.893	44.566	4.134	44.757
	13039	5	110.000	-4.058	44.837	4.134	45.028
Plate 2-8	13039	1	110.000	-4.058	44.837	4.134	45.028
(psp 600+pzl 610)	13040	2	110.000	-4.221	45.106	4.134	45.295
	13041	3	110.000	-4.385	45.375	4.134	45.563

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
	13042	4	110.000	-4.548	45.644	4.134	45.831
	13879	5	110.000	-4.712	45.913	4.134	46.099
Plate 2-9	13879	1	110.000	-4.712	45.913	4.134	46.099
(psp 600+pzl 610)	13880	2	110.000	-4.873	46.180	4.134	46.364
	13881	3	110.000	-5.035	46.446	4.134	46.630
	13882	4	110.000	-5.197	46.713	4.134	46.895
	13983	5	110.000	-5.359	46.979	4.134	47.161
Plate 2-10	13983	1	110.000	-5.359	46.979	4.134	47.161
(psp 600+pzl 610)	13984	2	110.000	-5.519	47.243	4.134	47.423
	13985	3	110.000	-5.679	47.507	4.134	47.686
	13986	4	110.000	-5.840	47.771	4.134	47.949
	14345	5	110.000	-6.000	48.034	4.134	48.212
Plate 3-11	14345	1	110.000	-6.000	48.034	4.134	48.212
(psp 600+pzl 610)	14346	2	110.000	-6.075	48.158	4.134	48.335
	14347	3	110.000	-6.150	48.281	4.134	48.458
	14348	4	110.000	-6.225	48.405	4.134	48.581
	14407	5	110.000	-6.300	48.528	4.134	48.704
Plate 4-12	14407	1	110.000	-6.300	48.528	4.134	48.704
(psp 600+pzl 610)	14408	2	110.000	-6.385	48.673	4.150	48.849
	14409	3	110.000	-6.470	48.816	4.167	48.993
	14410	4	110.000	-6.555	48.957	4.184	49.135
	14431	5	110.000	-6.640	49.095	4.200	49.274
Plate 4-13	14431	1	110.000	-6.640	49.095	4.200	49.274
(psp 600+pzl 610)	14432	2	110.000	-6.730	49.239	4.218	49.419
	14433	3	110.000	-6.820	49.377	4.240	49.559
	14434	4	110.000	-6.910	49.511	4.266	49.694
	15335	5	110.000	-7.000	49.638	4.298	49.824
Plate 5-14	15335	1	110.000	-7.000	49.638	4.298	49.824
(psp 600+pzl 610)	15336	2	110.000	-7.097	49.792	4.324	49.980
	15337	3	110.000	-7.193	49.961	4.340	50.149
	15338	4	110.000	-7.290	50.133	4.347	50.321
	15577	5	110.000	-7.387	50.308	4.349	50.496
Plate 5-15	15577	1	110.000	-7.387	50.308	4.349	50.496
(psp 600+pzl 610)	15578	2	110.000	-7.485	50.486	4.351	50.673
	15579	3	110.000	-7.583	50.662	4.351	50.849
	15580	4	110.000	-7.682	50.838	4.349	51.024
	16271	5	110.000	-7.780	51.012	4.347	51.197
Plate 5-16	16271	1	110.000	-7.780	51.012	4.347	51.197
(psp 600+pzl 610)	16272	2	110.000	-7.880	51.187	4.345	51.371
	16273	3	110.000	-7.980	51.360	4.343	51.544
	16274	4	110.000	-8.080	51.532	4.341	51.715
	16681	5	110.000	-8.180	51.703	4.339	51.884

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
Plate 5-17	16681	1	110.000	-8.180	51.703	4.339	51.884
(psp 600+pzl 610)	16682	2	110.000	-8.281	51.874	4.337	52.055
	16683	3	110.000	-8.383	52.044	4.336	52.224
	16684	4	110.000	-8.485	52.212	4.334	52.392
	16722	5	110.000	-8.586	52.380	4.332	52.558
Plate 5-18	16722	1	110.000	-8.586	52.380	4.332	52.558
(psp 600+pzl 610)	16724	2	110.000	-8.690	52.548	4.330	52.726
	16725	3	110.000	-8.793	52.716	4.328	52.893
	16726	4	110.000	-8.897	52.882	4.326	53.059
	16723	5	110.000	-9.000	53.050	4.324	53.226
Plate 6-19	16723	1	110.000	-9.000	53.050	4.324	53.226
(psp 600+pzl 610)	16704	2	110.000	-9.110	53.227	4.320	53.402
	16705	3	110.000	-9.220	53.401	4.316	53.575
	16706	4	110.000	-9.330	53.572	4.313	53.746
	16801	5	110.000	-9.440	53.742	4.309	53.914
Plate 6-20	16801	1	110.000	-9.440	53.742	4.309	53.914
(psp 600+pzl 610)	16802	2	110.000	-9.561	53.926	4.306	54.098
	16803	3	110.000	-9.682	54.108	4.302	54.279
	16804	4	110.000	-9.803	54.288	4.299	54.458
	16831	5	110.000	-9.924	54.466	4.295	54.635
Plate 6-21	16831	1	110.000	-9.924	54.466	4.295	54.635
(psp 600+pzl 610)	16832	2	110.000	-10.058	54.658	4.291	54.827
	16833	3	110.000	-10.191	54.848	4.288	55.016
	16834	4	110.000	-10.324	55.035	4.284	55.202
	16849	5	110.000	-10.458	55.219	4.281	55.385
Plate 6-22	16849	1	110.000	-10.458	55.219	4.281	55.385
(psp 600+pzl 610)	16850	2	110.000	-10.604	55.419	4.277	55.583
	16851	3	110.000	-10.751	55.614	4.273	55.778
	16852	4	110.000	-10.898	55.805	4.270	55.969
	17863	5	110.000	-11.045	55.993	4.266	56.155
Plate 6-23	17863	1	110.000	-11.045	55.993	4.266	56.155
(psp 600+pzl 610)	17864	2	110.000	-11.206	56.194	4.263	56.356
	17865	3	110.000	-11.368	56.391	4.259	56.551
	17866	4	110.000	-11.530	56.581	4.255	56.741
	18681	5	110.000	-11.691	56.766	4.252	56.925
Plate 6-24	18681	1	110.000	-11.691	56.766	4.252	56.925
(psp 600+pzl 610)	18682	2	110.000	-11.869	56.963	4.248	57.121
	18683	3	110.000	-12.047	57.152	4.244	57.309
	18684	4	110.000	-12.225	57.333	4.240	57.489
	18967	5	110.000	-12.403	57.505	4.236	57.661
Plate 6-25	18967	1	110.000	-12.403	57.505	4.236	57.661
(psp 600+pzl 610)	18968	2	110.000	-12.599	57.684	4.231	57.839



Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
	18969	3	110.000	-12.795	57.851	4.227	58.006
	18970	4	110.000	-12.991	58.006	4.221	58.160
	20151	5	110.000	-13.187	58.149	4.216	58.301
Plate 6-26	20151	1	110.000	-13.187	58.149	4.216	58.301
(psp 600+pzl 610)	20152	2	110.000	-13.403	58.289	4.210	58.441
	20153	3	110.000	-13.618	58.412	4.203	58.563
	20154	4	110.000	-13.834	58.516	4.195	58.667
	21141	5	110.000	-14.050	58.601	4.186	58.751
Plate 6-27	21141	1	110.000	-14.050	58.601	4.186	58.751
(psp 600+pzl 610)	21142	2	110.000	-14.287	58.671	4.175	58.819
	21143	3	110.000	-14.525	58.716	4.163	58.864
	21144	4	110.000	-14.762	58.735	4.150	58.881
	21331	5	110.000	-15.000	58.710	4.134	58.856
Plate 7-28	21331	1	110.000	-15.000	58.710	4.134	58.856
(psp 600+pzl 610)	21332	2	110.000	-15.250	58.177	3.983	58.313
	21333	3	110.000	-15.500	57.600	3.822	57.727
	21334	4	110.000	-15.750	56.852	3.652	56.969
	22335	5	110.000	-16.000	55.950	3.478	56.058
Plate 7-29	22335	1	110.000	-16.000	55.950	3.478	56.058
(psp 600+pzl 610)	22336	2	110.000	-16.250	54.879	3.300	54.978
	22337	3	110.000	-16.500	53.644	3.124	53.735
	22338	4	110.000	-16.750	52.245	2.951	52.329
	23097	5	110.000	-17.000	50.685	2.783	50.761
Plate 7-30	23097	1	110.000	-17.000	50.685	2.783	50.761
(psp 600+pzl 610)	23098	2	110.000	-17.250	48.965	2.616	49.035
	23099	3	110.000	-17.500	47.074	2.476	47.140
	23100	4	110.000	-17.750	45.069	2.372	45.132
	24335	5	110.000	-18.000	42.835	2.217	42.893
Plate 8-31	24335	1	110.000	-18.000	42.835	2.217	42.893
(psp 600+pzl 610)	24338	2	110.000	-18.250	41.866	2.096	41.918
	24337	3	110.000	-18.500	40.912	1.984	40.960
	24336	4	110.000	-18.750	39.934	1.869	39.978
	24907	5	110.000	-19.000	38.922	1.758	38.962
Plate 8-32	24907	1	110.000	-19.000	38.922	1.758	38.962
(psp 600+pzl 610)	24908	2	110.000	-19.250	37.850	1.663	37.887
	24909	3	110.000	-19.500	36.763	1.555	36.796
	24910	4	110.000	-19.750	35.690	1.428	35.719
	24911	5	110.000	-20.000	34.467	1.357	34.494

### 3.1.1.1.2.6 Calculation results, Plate, 2° scavo [Phase\_6] (24/72), Table of total displacements

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
Plate 1-1	10475	1	110.000	0.500	68.105	-1.204	68.116
(psp 600+pzl 610)	10476	2	110.000	0.375	68.257	-1.204	68.268
	10477	3	110.000	0.250	68.409	-1.204	68.420
	10478	4	110.000	0.125	68.561	-1.204	68.571
	10647	5	110.000	0.000	68.713	-1.204	68.723
Plate 2-2	10647	1	110.000	0.000	68.713	-1.204	68.723
(psp 600+pzl 610)	10648	2	110.000	-0.173	68.923	-1.204	68.934
	10649	3	110.000	-0.346	69.134	-1.204	69.144
	10650	4	110.000	-0.520	69.344	-1.204	69.355
	10671	5	110.000	-0.693	69.555	-1.204	69.565
Plate 2-3	10671	1	110.000	-0.693	69.555	-1.204	69.565
(psp 600+pzl 610)	10672	2	110.000	-0.864	69.763	-1.204	69.774
	10673	3	110.000	-1.036	69.972	-1.204	69.982
	10674	4	110.000	-1.207	70.180	-1.204	70.191
	10963	5	110.000	-1.379	70.389	-1.204	70.399
Plate 2-4	10963	1	110.000	-1.379	70.389	-1.204	70.399
(psp 600+pzl 610)	10964	2	110.000	-1.549	70.595	-1.204	70.605
	10965	3	110.000	-1.719	70.802	-1.204	70.812
	10966	4	110.000	-1.889	71.008	-1.204	71.018
	10977	5	110.000	-2.058	71.215	-1.204	71.225
Plate 2-5	10977	1	110.000	-2.058	71.215	-1.204	71.225
(psp 600+pzl 610)	10978	2	110.000	-2.227	71.419	-1.204	71.429
	10979	3	110.000	-2.395	71.624	-1.204	71.634
	10980	4	110.000	-2.563	71.828	-1.204	71.838
	11973	5	110.000	-2.731	72.033	-1.204	72.043
Plate 2-6	11973	1	110.000	-2.731	72.033	-1.204	72.043
(psp 600+pzl 610)	11974	2	110.000	-2.898	72.235	-1.204	72.245
	11975	3	110.000	-3.065	72.438	-1.204	72.448
	11976	4	110.000	-3.231	72.640	-1.204	72.650
	12761	5	110.000	-3.398	72.843	-1.204	72.853
Plate 2-7	12761	1	110.000	-3.398	72.843	-1.204	72.853
(psp 600+pzl 610)	12762	2	110.000	-3.563	73.043	-1.204	73.053
	12763	3	110.000	-3.728	73.244	-1.204	73.254
	12764	4	110.000	-3.893	73.444	-1.204	73.454
	13039	5	110.000	-4.058	73.645	-1.204	73.655
Plate 2-8	13039	1	110.000	-4.058	73.645	-1.204	73.655
(psp 600+pzl 610)	13040	2	110.000	-4.221	73.843	-1.204	73.853
	13041	3	110.000	-4.385	74.042	-1.204	74.052

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
	13042	4	110.000	-4.548	74.241	-1.204	74.250
	13879	5	110.000	-4.712	74.439	-1.204	74.449
Plate 2-9	13879	1	110.000	-4.712	74.439	-1.204	74.449
(psp 600+pzl 610)	13880	2	110.000	-4.873	74.636	-1.204	74.646
	13881	3	110.000	-5.035	74.833	-1.204	74.842
	13882	4	110.000	-5.197	75.029	-1.204	75.039
	13983	5	110.000	-5.359	75.226	-1.204	75.236
Plate 2-10	13983	1	110.000	-5.359	75.226	-1.204	75.236
(psp 600+pzl 610)	13984	2	110.000	-5.519	75.421	-1.204	75.431
	13985	3	110.000	-5.679	75.616	-1.204	75.625
	13986	4	110.000	-5.840	75.811	-1.204	75.820
	14345	5	110.000	-6.000	76.005	-1.204	76.015
Plate 3-11	14345	1	110.000	-6.000	76.005	-1.204	76.015
(psp 600+pzl 610)	14346	2	110.000	-6.075	76.097	-1.204	76.106
	14347	3	110.000	-6.150	76.188	-1.204	76.197
	14348	4	110.000	-6.225	76.279	-1.204	76.288
	14407	5	110.000	-6.300	76.370	-1.204	76.380
Plate 4-12	14407	1	110.000	-6.300	76.370	-1.204	76.380
(psp 600+pzl 610)	14408	2	110.000	-6.385	76.478	-1.187	76.487
	14409	3	110.000	-6.470	76.584	-1.170	76.593
	14410	4	110.000	-6.555	76.688	-1.154	76.697
	14431	5	110.000	-6.640	76.790	-1.138	76.799
Plate 4-13	14431	1	110.000	-6.640	76.790	-1.138	76.799
(psp 600+pzl 610)	14432	2	110.000	-6.730	76.895	-1.119	76.903
	14433	3	110.000	-6.820	76.995	-1.098	77.002
	14434	4	110.000	-6.910	77.090	-1.072	77.097
	15335	5	110.000	-7.000	77.179	-1.040	77.186
Plate 5-14	15335	1	110.000	-7.000	77.179	-1.040	77.186
(psp 600+pzl 610)	15336	2	110.000	-7.097	77.291	-1.013	77.298
	15337	3	110.000	-7.193	77.418	-0.998	77.424
	15338	4	110.000	-7.290	77.548	-0.990	77.555
	15577	5	110.000	-7.387	77.682	-0.988	77.688
Plate 5-15	15577	1	110.000	-7.387	77.682	-0.988	77.688
(psp 600+pzl 610)	15578	2	110.000	-7.485	77.817	-0.987	77.824
	15579	3	110.000	-7.583	77.952	-0.987	77.958
	15580	4	110.000	-7.682	78.085	-0.988	78.091
	16271	5	110.000	-7.780	78.217	-0.990	78.223
Plate 5-16	16271	1	110.000	-7.780	78.217	-0.990	78.223
(psp 600+pzl 610)	16272	2	110.000	-7.880	78.349	-0.992	78.356
	16273	3	110.000	-7.980	78.480	-0.994	78.486
	16274	4	110.000	-8.080	78.609	-0.996	78.615
	16681	5	110.000	-8.180	78.737	-0.998	78.743

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
Plate 5-17	16681	1	110.000	-8.180	78.737	-0.998	78.743
(psp 600+pzl 610)	16682	2	110.000	-8.281	78.865	-1.000	78.871
	16683	3	110.000	-8.383	78.992	-1.002	78.998
	16684	4	110.000	-8.485	79.117	-1.004	79.123
	16722	5	110.000	-8.586	79.240	-1.006	79.247
Plate 5-18	16722	1	110.000	-8.586	79.240	-1.006	79.247
(psp 600+pzl 610)	16724	2	110.000	-8.690	79.365	-1.008	79.371
	16725	3	110.000	-8.793	79.488	-1.010	79.494
	16726	4	110.000	-8.897	79.610	-1.011	79.616
	16723	5	110.000	-9.000	79.733	-1.014	79.739
Plate 6-19	16723	1	110.000	-9.000	79.733	-1.014	79.739
(psp 600+pzl 610)	16704	2	110.000	-9.110	79.862	-1.018	79.869
	16705	3	110.000	-9.220	79.988	-1.021	79.994
	16706	4	110.000	-9.330	80.111	-1.025	80.117
	16801	5	110.000	-9.440	80.231	-1.028	80.238
Plate 6-20	16801	1	110.000	-9.440	80.231	-1.028	80.238
(psp 600+pzl 610)	16802	2	110.000	-9.561	80.361	-1.032	80.367
	16803	3	110.000	-9.682	80.487	-1.036	80.494
	16804	4	110.000	-9.803	80.611	-1.039	80.617
	16831	5	110.000	-9.924	80.731	-1.043	80.738
Plate 6-21	16831	1	110.000	-9.924	80.731	-1.043	80.738
(psp 600+pzl 610)	16832	2	110.000	-10.058	80.860	-1.047	80.866
	16833	3	110.000	-10.191	80.984	-1.050	80.991
	16834	4	110.000	-10.324	81.104	-1.054	81.111
	16849	5	110.000	-10.458	81.219	-1.058	81.226
Plate 6-22	16849	1	110.000	-10.458	81.219	-1.058	81.226
(psp 600+pzl 610)	16850	2	110.000	-10.604	81.340	-1.061	81.347
	16851	3	110.000	-10.751	81.455	-1.065	81.462
	16852	4	110.000	-10.898	81.563	-1.069	81.570
	17863	5	110.000	-11.045	81.664	-1.072	81.671
Plate 6-23	17863	1	110.000	-11.045	81.664	-1.072	81.671
(psp 600+pzl 610)	17864	2	110.000	-11.206	81.766	-1.076	81.773
	17865	3	110.000	-11.368	81.859	-1.080	81.866
	17866	4	110.000	-11.530	81.941	-1.084	81.948
	18681	5	110.000	-11.691	82.012	-1.088	82.019
Plate 6-24	18681	1	110.000	-11.691	82.012	-1.088	82.019
(psp 600+pzl 610)	18682	2	110.000	-11.869	82.077	-1.092	82.084
	18683	3	110.000	-12.047	82.126	-1.096	82.134
	18684	4	110.000	-12.225	82.159	-1.100	82.167
	18967	5	110.000	-12.403	82.175	-1.104	82.183
Plate 6-25	18967	1	110.000	-12.403	82.175	-1.104	82.183
(psp 600+pzl 610)	18968	2	110.000	-12.599	82.171	-1.109	82.179

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
	18969	3	110.000	-12.795	82.143	-1.113	82.151
	18970	4	110.000	-12.991	82.090	-1.118	82.098
	20151	5	110.000	-13.187	82.010	-1.124	82.018
Plate 6-26	20151	1	110.000	-13.187	82.010	-1.124	82.018
(psp 600+pzl 610)	20152	2	110.000	-13.403	81.890	-1.130	81.898
	20153	3	110.000	-13.618	81.734	-1.137	81.742
	20154	4	110.000	-13.834	81.540	-1.144	81.548
	21141	5	110.000	-14.050	81.309	-1.152	81.317
Plate 6-27	21141	1	110.000	-14.050	81.309	-1.152	81.317
(psp 600+pzl 610)	21142	2	110.000	-14.287	81.008	-1.162	81.016
	21143	3	110.000	-14.525	80.660	-1.174	80.668
	21144	4	110.000	-14.762	80.262	-1.187	80.271
	21331	5	110.000	-15.000	79.799	-1.202	79.808
Plate 7-28	21331	1	110.000	-15.000	79.799	-1.202	79.808
(psp 600+pzl 610)	21332	2	110.000	-15.250	78.781	-1.352	78.793
	21333	3	110.000	-15.500	77.700	-1.513	77.715
	21334	4	110.000	-15.750	76.427	-1.682	76.446
	22335	5	110.000	-16.000	74.984	-1.855	75.007
Plate 7-29	22335	1	110.000	-16.000	74.984	-1.855	75.007
(psp 600+pzl 610)	22336	2	110.000	-16.250	73.356	-2.032	73.384
	22337	3	110.000	-16.500	71.549	-2.208	71.583
	22338	4	110.000	-16.750	69.567	-2.380	69.607
	23097	5	110.000	-17.000	67.412	-2.547	67.460
Plate 7-30	23097	1	110.000	-17.000	67.412	-2.547	67.460
(psp 600+pzl 610)	23098	2	110.000	-17.250	65.089	-2.713	65.145
	23099	3	110.000	-17.500	62.588	-2.853	62.653
	23100	4	110.000	-17.750	59.967	-2.957	60.040
	24335	5	110.000	-18.000	57.112	-3.111	57.197
Plate 8-31	24335	1	110.000	-18.000	57.112	-3.111	57.197
(psp 600+pzl 610)	24338	2	110.000	-18.250	55.521	-3.231	55.615
	24337	3	110.000	-18.500	53.943	-3.343	54.047
	24336	4	110.000	-18.750	52.343	-3.457	52.457
	24907	5	110.000	-19.000	50.708	-3.568	50.834
Plate 8-32	24907	1	110.000	-19.000	50.708	-3.568	50.834
(psp 600+pzl 610)	24908	2	110.000	-19.250	49.015	-3.663	49.151
	24909	3	110.000	-19.500	47.306	-3.770	47.456
	24910	4	110.000	-19.750	45.612	-3.897	45.778
	24911	5	110.000	-20.000	43.768	-3.969	43.948

### 3.1.1.1.2.7 Calculation results, Plate, sovraccarico [Phase\_7] (25/96), Table of total displacements

Structural element	Node [ $10^3$ ]	Local number	X [m]	Y [m]	$u_x$ [ $10^{-3}$ m]	$u_y$ [ $10^{-3}$ m]	$ u $ [ $10^{-3}$ m]
Plate 1-1	10475	1	110.000	0.500	109.133	2.079	109.152
(psp 600+pzl 610)	10476	2	110.000	0.375	109.202	2.079	109.222
	10477	3	110.000	0.250	109.271	2.079	109.291
	10478	4	110.000	0.125	109.341	2.079	109.361
	10647	5	110.000	0.000	109.410	2.079	109.430
Plate 2-2	10647	1	110.000	0.000	109.410	2.079	109.430
(psp 600+pzl 610)	10648	2	110.000	-0.173	109.506	2.079	109.526
	10649	3	110.000	-0.346	109.603	2.079	109.622
	10650	4	110.000	-0.520	109.699	2.079	109.718
	10671	5	110.000	-0.693	109.795	2.079	109.814
Plate 2-3	10671	1	110.000	-0.693	109.795	2.079	109.814
(psp 600+pzl 610)	10672	2	110.000	-0.864	109.890	2.079	109.910
	10673	3	110.000	-1.036	109.985	2.079	110.005
	10674	4	110.000	-1.207	110.080	2.079	110.100
	10963	5	110.000	-1.379	110.176	2.079	110.195
Plate 2-4	10963	1	110.000	-1.379	110.176	2.079	110.195
(psp 600+pzl 610)	10964	2	110.000	-1.549	110.270	2.079	110.290
	10965	3	110.000	-1.719	110.364	2.079	110.384
	10966	4	110.000	-1.889	110.459	2.079	110.478
	10977	5	110.000	-2.058	110.553	2.079	110.572
Plate 2-5	10977	1	110.000	-2.058	110.553	2.079	110.572
(psp 600+pzl 610)	10978	2	110.000	-2.227	110.646	2.079	110.666
	10979	3	110.000	-2.395	110.740	2.079	110.759
	10980	4	110.000	-2.563	110.833	2.079	110.853
	11973	5	110.000	-2.731	110.926	2.079	110.946
Plate 2-6	11973	1	110.000	-2.731	110.926	2.079	110.946
(psp 600+pzl 610)	11974	2	110.000	-2.898	111.019	2.079	111.038
	11975	3	110.000	-3.065	111.111	2.079	111.131
	11976	4	110.000	-3.231	111.204	2.079	111.223
	12761	5	110.000	-3.398	111.296	2.079	111.316
Plate 2-7	12761	1	110.000	-3.398	111.296	2.079	111.316
(psp 600+pzl 610)	12762	2	110.000	-3.563	111.388	2.079	111.407
	12763	3	110.000	-3.728	111.480	2.079	111.499
	12764	4	110.000	-3.893	111.571	2.079	111.591
	13039	5	110.000	-4.058	111.663	2.079	111.682
Plate 2-8	13039	1	110.000	-4.058	111.663	2.079	111.682
(psp 600+pzl 610)	13040	2	110.000	-4.221	111.753	2.079	111.773
	13041	3	110.000	-4.385	111.844	2.079	111.864

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
	13042	4	110.000	-4.548	111.935	2.079	111.954
	13879	5	110.000	-4.712	112.026	2.079	112.045
Plate 2-9	13879	1	110.000	-4.712	112.026	2.079	112.045
(psp 600+pzl 610)	13880	2	110.000	-4.873	112.115	2.079	112.135
	13881	3	110.000	-5.035	112.205	2.079	112.225
	13882	4	110.000	-5.197	112.295	2.079	112.314
	13983	5	110.000	-5.359	112.385	2.079	112.404
Plate 2-10	13983	1	110.000	-5.359	112.385	2.079	112.404
(psp 600+pzl 610)	13984	2	110.000	-5.519	112.474	2.079	112.493
	13985	3	110.000	-5.679	112.563	2.079	112.582
	13986	4	110.000	-5.840	112.652	2.079	112.671
	14345	5	110.000	-6.000	112.741	2.079	112.760
Plate 3-11	14345	1	110.000	-6.000	112.741	2.079	112.760
(psp 600+pzl 610)	14346	2	110.000	-6.075	112.783	2.079	112.802
	14347	3	110.000	-6.150	112.824	2.079	112.843
	14348	4	110.000	-6.225	112.866	2.079	112.885
	14407	5	110.000	-6.300	112.907	2.079	112.927
Plate 4-12	14407	1	110.000	-6.300	112.907	2.079	112.927
(psp 600+pzl 610)	14408	2	110.000	-6.385	112.959	2.096	112.978
	14409	3	110.000	-6.470	113.009	2.113	113.029
	14410	4	110.000	-6.555	113.057	2.129	113.077
	14431	5	110.000	-6.640	113.103	2.146	113.123
Plate 4-13	14431	1	110.000	-6.640	113.103	2.146	113.123
(psp 600+pzl 610)	14432	2	110.000	-6.730	113.148	2.164	113.169
	14433	3	110.000	-6.820	113.188	2.185	113.209
	14434	4	110.000	-6.910	113.224	2.212	113.246
	15335	5	110.000	-7.000	113.253	2.244	113.276
Plate 5-14	15335	1	110.000	-7.000	113.253	2.244	113.276
(psp 600+pzl 610)	15336	2	110.000	-7.097	113.302	2.270	113.325
	15337	3	110.000	-7.193	113.365	2.285	113.388
	15338	4	110.000	-7.290	113.432	2.293	113.455
	15577	5	110.000	-7.387	113.502	2.295	113.525
Plate 5-15	15577	1	110.000	-7.387	113.502	2.295	113.525
(psp 600+pzl 610)	15578	2	110.000	-7.485	113.572	2.297	113.595
	15579	3	110.000	-7.583	113.642	2.296	113.665
	15580	4	110.000	-7.682	113.711	2.295	113.734
	16271	5	110.000	-7.780	113.778	2.293	113.801
Plate 5-16	16271	1	110.000	-7.780	113.778	2.293	113.801
(psp 600+pzl 610)	16272	2	110.000	-7.880	113.845	2.291	113.868
	16273	3	110.000	-7.980	113.910	2.289	113.933
	16274	4	110.000	-8.080	113.974	2.287	113.997
	16681	5	110.000	-8.180	114.036	2.285	114.059

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
Plate 5-17	16681	1	110.000	-8.180	114.036	2.285	114.059
(psp 600+pzl 610)	16682	2	110.000	-8.281	114.097	2.283	114.120
	16683	3	110.000	-8.383	114.157	2.280	114.180
	16684	4	110.000	-8.485	114.215	2.278	114.238
	16722	5	110.000	-8.586	114.272	2.276	114.294
Plate 5-18	16722	1	110.000	-8.586	114.272	2.276	114.294
(psp 600+pzl 610)	16724	2	110.000	-8.690	114.328	2.274	114.350
	16725	3	110.000	-8.793	114.382	2.272	114.405
	16726	4	110.000	-8.897	114.435	2.270	114.458
	16723	5	110.000	-9.000	114.489	2.267	114.511
Plate 6-19	16723	1	110.000	-9.000	114.489	2.267	114.511
(psp 600+pzl 610)	16704	2	110.000	-9.110	114.544	2.263	114.566
	16705	3	110.000	-9.220	114.595	2.259	114.617
	16706	4	110.000	-9.330	114.642	2.255	114.664
	16801	5	110.000	-9.440	114.687	2.252	114.709
Plate 6-20	16801	1	110.000	-9.440	114.687	2.252	114.709
(psp 600+pzl 610)	16802	2	110.000	-9.561	114.732	2.248	114.754
	16803	3	110.000	-9.682	114.773	2.244	114.795
	16804	4	110.000	-9.803	114.809	2.240	114.831
	16831	5	110.000	-9.924	114.842	2.236	114.863
Plate 6-21	16831	1	110.000	-9.924	114.842	2.236	114.863
(psp 600+pzl 610)	16832	2	110.000	-10.058	114.872	2.231	114.893
	16833	3	110.000	-10.191	114.895	2.227	114.917
	16834	4	110.000	-10.324	114.912	2.223	114.934
	16849	5	110.000	-10.458	114.923	2.219	114.944
Plate 6-22	16849	1	110.000	-10.458	114.923	2.219	114.944
(psp 600+pzl 610)	16850	2	110.000	-10.604	114.925	2.215	114.947
	16851	3	110.000	-10.751	114.918	2.210	114.939
	16852	4	110.000	-10.898	114.900	2.206	114.922
	17863	5	110.000	-11.045	114.872	2.202	114.893
Plate 6-23	17863	1	110.000	-11.045	114.872	2.202	114.893
(psp 600+pzl 610)	17864	2	110.000	-11.206	114.826	2.197	114.847
	17865	3	110.000	-11.368	114.765	2.193	114.786
	17866	4	110.000	-11.530	114.687	2.188	114.708
	18681	5	110.000	-11.691	114.592	2.184	114.613
Plate 6-24	18681	1	110.000	-11.691	114.592	2.184	114.613
(psp 600+pzl 610)	18682	2	110.000	-11.869	114.464	2.179	114.485
	18683	3	110.000	-12.047	114.312	2.173	114.333
	18684	4	110.000	-12.225	114.133	2.168	114.153
	18967	5	110.000	-12.403	113.925	2.163	113.945
Plate 6-25	18967	1	110.000	-12.403	113.925	2.163	113.945
(psp 600+pzl 610)	18968	2	110.000	-12.599	113.661	2.157	113.681



Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
	18969	3	110.000	-12.795	113.357	2.151	113.378
	18970	4	110.000	-12.991	113.012	2.145	113.032
	20151	5	110.000	-13.187	112.622	2.139	112.643
Plate 6-26	20151	1	110.000	-13.187	112.622	2.139	112.643
(psp 600+pzl 610)	20152	2	110.000	-13.403	112.140	2.132	112.160
	20153	3	110.000	-13.618	111.598	2.124	111.618
	20154	4	110.000	-13.834	110.995	2.116	111.015
	21141	5	110.000	-14.050	110.329	2.107	110.349
Plate 6-27	21141	1	110.000	-14.050	110.329	2.107	110.349
(psp 600+pzl 610)	21142	2	110.000	-14.287	109.520	2.096	109.540
	21143	3	110.000	-14.525	108.633	2.084	108.653
	21144	4	110.000	-14.762	107.665	2.070	107.685
	21331	5	110.000	-15.000	106.601	2.055	106.620
Plate 7-28	21331	1	110.000	-15.000	106.601	2.055	106.620
(psp 600+pzl 610)	21332	2	110.000	-15.250	104.919	1.905	104.936
	21333	3	110.000	-15.500	103.146	1.744	103.161
	21334	4	110.000	-15.750	101.156	1.574	101.169
	22335	5	110.000	-16.000	98.974	1.401	98.984
Plate 7-29	22335	1	110.000	-16.000	98.974	1.401	98.984
(psp 600+pzl 610)	22336	2	110.000	-16.250	96.585	1.223	96.593
	22337	3	110.000	-16.500	94.001	1.047	94.007
	22338	4	110.000	-16.750	91.225	0.876	91.229
	23097	5	110.000	-17.000	88.263	0.708	88.265
Plate 7-30	23097	1	110.000	-17.000	88.263	0.708	88.265
(psp 600+pzl 610)	23098	2	110.000	-17.250	85.122	0.542	85.124
	23099	3	110.000	-17.500	81.794	0.402	81.795
	23100	4	110.000	-17.750	78.340	0.298	78.340
	24335	5	110.000	-18.000	74.648	0.143	74.648
Plate 8-31	24335	1	110.000	-18.000	74.648	0.143	74.648
(psp 600+pzl 610)	24338	2	110.000	-18.250	72.216	0.023	72.216
	24337	3	110.000	-18.500	69.799	-0.089	69.799
	24336	4	110.000	-18.750	67.360	-0.204	67.360
	24907	5	110.000	-19.000	64.888	-0.314	64.888
Plate 8-32	24907	1	110.000	-19.000	64.888	-0.314	64.888
(psp 600+pzl 610)	24908	2	110.000	-19.250	62.358	-0.410	62.359
	24909	3	110.000	-19.500	59.813	-0.517	59.816
	24910	4	110.000	-19.750	57.285	-0.644	57.288
	24911	5	110.000	-20.000	54.605	-0.716	54.610

### 3.1.1.1.2.8 Calculation results, Plate, SLU A1 M1 R1 [Phase\_8] (26/101), Table of total displacements

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
Plate 1-1	10475	1	110.000	0.500	115.329	2.862	115.365
(psp 600+pzl 610)	10476	2	110.000	0.375	115.382	2.862	115.417
	10477	3	110.000	0.250	115.435	2.862	115.470
	10478	4	110.000	0.125	115.487	2.862	115.523
	10647	5	110.000	0.000	115.540	2.862	115.575
Plate 2-2	10647	1	110.000	0.000	115.540	2.862	115.575
(psp 600+pzl 610)	10648	2	110.000	-0.173	115.613	2.862	115.648
	10649	3	110.000	-0.346	115.686	2.862	115.722
	10650	4	110.000	-0.520	115.759	2.862	115.795
	10671	5	110.000	-0.693	115.832	2.862	115.868
Plate 2-3	10671	1	110.000	-0.693	115.832	2.862	115.868
(psp 600+pzl 610)	10672	2	110.000	-0.864	115.905	2.862	115.940
	10673	3	110.000	-1.036	115.977	2.862	116.012
	10674	4	110.000	-1.207	116.049	2.862	116.085
	10963	5	110.000	-1.379	116.122	2.862	116.157
Plate 2-4	10963	1	110.000	-1.379	116.122	2.862	116.157
(psp 600+pzl 610)	10964	2	110.000	-1.549	116.193	2.862	116.228
	10965	3	110.000	-1.719	116.265	2.862	116.300
	10966	4	110.000	-1.889	116.336	2.862	116.372
	10977	5	110.000	-2.058	116.408	2.862	116.443
Plate 2-5	10977	1	110.000	-2.058	116.408	2.862	116.443
(psp 600+pzl 610)	10978	2	110.000	-2.227	116.479	2.862	116.514
	10979	3	110.000	-2.395	116.550	2.862	116.585
	10980	4	110.000	-2.563	116.621	2.862	116.656
	11973	5	110.000	-2.731	116.692	2.862	116.727
Plate 2-6	11973	1	110.000	-2.731	116.692	2.862	116.727
(psp 600+pzl 610)	11974	2	110.000	-2.898	116.762	2.862	116.797
	11975	3	110.000	-3.065	116.832	2.862	116.868
	11976	4	110.000	-3.231	116.903	2.862	116.938
	12761	5	110.000	-3.398	116.973	2.862	117.008
Plate 2-7	12761	1	110.000	-3.398	116.973	2.862	117.008
(psp 600+pzl 610)	12762	2	110.000	-3.563	117.043	2.862	117.078
	12763	3	110.000	-3.728	117.112	2.862	117.147
	12764	4	110.000	-3.893	117.182	2.862	117.217
	13039	5	110.000	-4.058	117.251	2.862	117.286
Plate 2-8	13039	1	110.000	-4.058	117.251	2.862	117.286
(psp 600+pzl 610)	13040	2	110.000	-4.221	117.320	2.862	117.355
	13041	3	110.000	-4.385	117.389	2.862	117.424

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
	13042	4	110.000	-4.548	117.458	2.862	117.493
	13879	5	110.000	-4.712	117.527	2.862	117.562
Plate 2-9	13879	1	110.000	-4.712	117.527	2.862	117.562
(psp 600+pzl 610)	13880	2	110.000	-4.873	117.595	2.862	117.630
	13881	3	110.000	-5.035	117.664	2.862	117.698
	13882	4	110.000	-5.197	117.732	2.862	117.767
	13983	5	110.000	-5.359	117.800	2.862	117.835
Plate 2-10	13983	1	110.000	-5.359	117.800	2.862	117.835
(psp 600+pzl 610)	13984	2	110.000	-5.519	117.868	2.862	117.902
	13985	3	110.000	-5.679	117.935	2.862	117.970
	13986	4	110.000	-5.840	118.003	2.862	118.038
	14345	5	110.000	-6.000	118.070	2.862	118.105
Plate 3-11	14345	1	110.000	-6.000	118.070	2.862	118.105
(psp 600+pzl 610)	14346	2	110.000	-6.075	118.102	2.862	118.137
	14347	3	110.000	-6.150	118.134	2.862	118.168
	14348	4	110.000	-6.225	118.165	2.862	118.200
	14407	5	110.000	-6.300	118.197	2.862	118.232
Plate 4-12	14407	1	110.000	-6.300	118.197	2.862	118.232
(psp 600+pzl 610)	14408	2	110.000	-6.385	118.237	2.879	118.272
	14409	3	110.000	-6.470	118.276	2.896	118.312
	14410	4	110.000	-6.555	118.313	2.913	118.349
	14431	5	110.000	-6.640	118.347	2.929	118.383
Plate 4-13	14431	1	110.000	-6.640	118.347	2.929	118.383
(psp 600+pzl 610)	14432	2	110.000	-6.730	118.380	2.947	118.417
	14433	3	110.000	-6.820	118.408	2.969	118.446
	14434	4	110.000	-6.910	118.432	2.995	118.470
	15335	5	110.000	-7.000	118.449	3.027	118.488
Plate 5-14	15335	1	110.000	-7.000	118.449	3.027	118.488
(psp 600+pzl 610)	15336	2	110.000	-7.097	118.485	3.053	118.524
	15337	3	110.000	-7.193	118.535	3.069	118.574
	15338	4	110.000	-7.290	118.589	3.076	118.629
	15577	5	110.000	-7.387	118.646	3.078	118.685
Plate 5-15	15577	1	110.000	-7.387	118.646	3.078	118.685
(psp 600+pzl 610)	15578	2	110.000	-7.485	118.703	3.080	118.743
	15579	3	110.000	-7.583	118.760	3.080	118.800
	15580	4	110.000	-7.682	118.816	3.078	118.855
	16271	5	110.000	-7.780	118.870	3.077	118.910
Plate 5-16	16271	1	110.000	-7.780	118.870	3.077	118.910
(psp 600+pzl 610)	16272	2	110.000	-7.880	118.924	3.074	118.964
	16273	3	110.000	-7.980	118.976	3.072	119.016
	16274	4	110.000	-8.080	119.027	3.070	119.067
	16681	5	110.000	-8.180	119.076	3.068	119.116

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
Plate 5-17	16681	1	110.000	-8.180	119.076	3.068	119.116
(psp 600+pzl 610)	16682	2	110.000	-8.281	119.125	3.066	119.165
	16683	3	110.000	-8.383	119.172	3.064	119.212
	16684	4	110.000	-8.485	119.218	3.062	119.257
	16722	5	110.000	-8.586	119.262	3.060	119.301
Plate 5-18	16722	1	110.000	-8.586	119.262	3.060	119.301
(psp 600+pzl 610)	16724	2	110.000	-8.690	119.305	3.058	119.345
	16725	3	110.000	-8.793	119.347	3.055	119.387
	16726	4	110.000	-8.897	119.388	3.053	119.427
	16723	5	110.000	-9.000	119.429	3.051	119.468
Plate 6-19	16723	1	110.000	-9.000	119.429	3.051	119.468
(psp 600+pzl 610)	16704	2	110.000	-9.110	119.471	3.046	119.510
	16705	3	110.000	-9.220	119.509	3.042	119.548
	16706	4	110.000	-9.330	119.544	3.038	119.582
	16801	5	110.000	-9.440	119.575	3.035	119.614
Plate 6-20	16801	1	110.000	-9.440	119.575	3.035	119.614
(psp 600+pzl 610)	16802	2	110.000	-9.561	119.606	3.031	119.644
	16803	3	110.000	-9.682	119.633	3.027	119.671
	16804	4	110.000	-9.803	119.655	3.023	119.693
	16831	5	110.000	-9.924	119.673	3.019	119.711
Plate 6-21	16831	1	110.000	-9.924	119.673	3.019	119.711
(psp 600+pzl 610)	16832	2	110.000	-10.058	119.687	3.014	119.725
	16833	3	110.000	-10.191	119.694	3.010	119.732
	16834	4	110.000	-10.324	119.695	3.006	119.733
	16849	5	110.000	-10.458	119.689	3.002	119.726
Plate 6-22	16849	1	110.000	-10.458	119.689	3.002	119.726
(psp 600+pzl 610)	16850	2	110.000	-10.604	119.673	2.997	119.710
	16851	3	110.000	-10.751	119.647	2.993	119.684
	16852	4	110.000	-10.898	119.610	2.988	119.647
	17863	5	110.000	-11.045	119.562	2.984	119.599
Plate 6-23	17863	1	110.000	-11.045	119.562	2.984	119.599
(psp 600+pzl 610)	17864	2	110.000	-11.206	119.494	2.979	119.531
	17865	3	110.000	-11.368	119.410	2.974	119.447
	17866	4	110.000	-11.530	119.309	2.970	119.346
	18681	5	110.000	-11.691	119.189	2.965	119.226
Plate 6-24	18681	1	110.000	-11.691	119.189	2.965	119.226
(psp 600+pzl 610)	18682	2	110.000	-11.869	119.034	2.960	119.070
	18683	3	110.000	-12.047	118.852	2.954	118.889
	18684	4	110.000	-12.225	118.643	2.949	118.679
	18967	5	110.000	-12.403	118.403	2.944	118.440
Plate 6-25	18967	1	110.000	-12.403	118.403	2.944	118.440
(psp 600+pzl 610)	18968	2	110.000	-12.599	118.103	2.938	118.139

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
	18969	3	110.000	-12.795	117.761	2.932	117.797
	18970	4	110.000	-12.991	117.375	2.925	117.411
	20151	5	110.000	-13.187	116.942	2.919	116.979
Plate 6-26	20151	1	110.000	-13.187	116.942	2.919	116.979
(psp 600+pzl 610)	20152	2	110.000	-13.403	116.409	2.911	116.446
	20153	3	110.000	-13.618	115.815	2.903	115.851
	20154	4	110.000	-13.834	115.155	2.895	115.192
	21141	5	110.000	-14.050	114.430	2.885	114.466
Plate 6-27	21141	1	110.000	-14.050	114.430	2.885	114.466
(psp 600+pzl 610)	21142	2	110.000	-14.287	113.551	2.874	113.587
	21143	3	110.000	-14.525	112.590	2.862	112.626
	21144	4	110.000	-14.762	111.543	2.849	111.579
	21331	5	110.000	-15.000	110.396	2.833	110.432
Plate 7-28	21331	1	110.000	-15.000	110.396	2.833	110.432
(psp 600+pzl 610)	21332	2	110.000	-15.250	108.623	2.683	108.656
	21333	3	110.000	-15.500	106.755	2.522	106.784
	21334	4	110.000	-15.750	104.666	2.352	104.693
	22335	5	110.000	-16.000	102.381	2.178	102.405
Plate 7-29	22335	1	110.000	-16.000	102.381	2.178	102.405
(psp 600+pzl 610)	22336	2	110.000	-16.250	99.888	2.001	99.908
	22337	3	110.000	-16.500	97.196	1.825	97.213
	22338	4	110.000	-16.750	94.310	1.653	94.325
	23097	5	110.000	-17.000	91.237	1.485	91.249
Plate 7-30	23097	1	110.000	-17.000	91.237	1.485	91.249
(psp 600+pzl 610)	23098	2	110.000	-17.250	87.983	1.319	87.993
	23099	3	110.000	-17.500	84.541	1.179	84.550
	23100	4	110.000	-17.750	80.972	1.075	80.979
	24335	5	110.000	-18.000	77.164	0.920	77.170
Plate 8-31	24335	1	110.000	-18.000	77.164	0.920	77.170
(psp 600+pzl 610)	24338	2	110.000	-18.250	74.617	0.800	74.621
	24337	3	110.000	-18.500	72.084	0.688	72.087
	24336	4	110.000	-18.750	69.529	0.573	69.531
	24907	5	110.000	-19.000	66.941	0.463	66.943
Plate 8-32	24907	1	110.000	-19.000	66.941	0.463	66.943
(psp 600+pzl 610)	24908	2	110.000	-19.250	64.296	0.367	64.297
	24909	3	110.000	-19.500	61.636	0.260	61.637
	24910	4	110.000	-19.750	58.992	0.133	58.993
	24911	5	110.000	-20.000	56.198	0.061	56.198

### 3.1.1.1.2.9 Calculation results, Plate, FS SLU A1 M1 R1 [Phase\_12] (30/301), Table of total displacements

Structural element	Node [ $10^3$ ]	Local number	X [m]	Y [m]	$u_x$ [ $10^{-3}$ m]	$u_y$ [ $10^{-3}$ m]	$ u $ [ $10^{-3}$ m]
Plate 1-1	10475	1	110.000	0.500	518.200	15.333	518.427
(psp 600+pzl 610)	10476	2	110.000	0.375	517.566	15.333	517.793
	10477	3	110.000	0.250	516.931	15.333	517.158
	10478	4	110.000	0.125	516.296	15.333	516.524
	10647	5	110.000	0.000	515.661	15.333	515.889
Plate 2-2	10647	1	110.000	0.000	515.661	15.333	515.889
(psp 600+pzl 610)	10648	2	110.000	-0.173	514.782	15.333	515.010
	10649	3	110.000	-0.346	513.903	15.333	514.131
	10650	4	110.000	-0.520	513.023	15.333	513.252
	10671	5	110.000	-0.693	512.144	15.333	512.373
Plate 2-3	10671	1	110.000	-0.693	512.144	15.333	512.373
(psp 600+pzl 610)	10672	2	110.000	-0.864	511.273	15.333	511.502
	10673	3	110.000	-1.036	510.402	15.333	510.632
	10674	4	110.000	-1.207	509.531	15.333	509.761
	10963	5	110.000	-1.379	508.660	15.333	508.891
Plate 2-4	10963	1	110.000	-1.379	508.660	15.333	508.891
(psp 600+pzl 610)	10964	2	110.000	-1.549	507.797	15.333	508.028
	10965	3	110.000	-1.719	506.934	15.333	507.166
	10966	4	110.000	-1.889	506.072	15.333	506.304
	10977	5	110.000	-2.058	505.209	15.333	505.442
Plate 2-5	10977	1	110.000	-2.058	505.209	15.333	505.442
(psp 600+pzl 610)	10978	2	110.000	-2.227	504.355	15.333	504.588
	10979	3	110.000	-2.395	503.501	15.333	503.734
	10980	4	110.000	-2.563	502.646	15.333	502.880
	11973	5	110.000	-2.731	501.792	15.333	502.026
Plate 2-6	11973	1	110.000	-2.731	501.792	15.333	502.026
(psp 600+pzl 610)	11974	2	110.000	-2.898	500.946	15.333	501.181
	11975	3	110.000	-3.065	500.100	15.333	500.335
	11976	4	110.000	-3.231	499.254	15.333	499.489
	12761	5	110.000	-3.398	498.408	15.333	498.644
Plate 2-7	12761	1	110.000	-3.398	498.408	15.333	498.644
(psp 600+pzl 610)	12762	2	110.000	-3.563	497.570	15.333	497.806
	12763	3	110.000	-3.728	496.732	15.333	496.969
	12764	4	110.000	-3.893	495.894	15.333	496.131
	13039	5	110.000	-4.058	495.056	15.333	495.294
Plate 2-8	13039	1	110.000	-4.058	495.056	15.333	495.294
(psp 600+pzl 610)	13040	2	110.000	-4.221	494.227	15.333	494.464
	13041	3	110.000	-4.385	493.397	15.333	493.635

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
	13042	4	110.000	-4.548	492.567	15.333	492.806
	13879	5	110.000	-4.712	491.737	15.333	491.976
Plate 2-9	13879	1	110.000	-4.712	491.737	15.333	491.976
(psp 600+pzl 610)	13880	2	110.000	-4.873	490.915	15.333	491.155
	13881	3	110.000	-5.035	490.094	15.333	490.333
	13882	4	110.000	-5.197	489.272	15.333	489.512
	13983	5	110.000	-5.359	488.450	15.333	488.691
Plate 2-10	13983	1	110.000	-5.359	488.450	15.333	488.691
(psp 600+pzl 610)	13984	2	110.000	-5.519	487.636	15.333	487.877
	13985	3	110.000	-5.679	486.822	15.333	487.064
	13986	4	110.000	-5.840	486.008	15.333	486.250
	14345	5	110.000	-6.000	485.194	15.333	485.437
Plate 3-11	14345	1	110.000	-6.000	485.194	15.333	485.437
(psp 600+pzl 610)	14346	2	110.000	-6.075	484.814	15.333	485.056
	14347	3	110.000	-6.150	484.433	15.333	484.675
	14348	4	110.000	-6.225	484.052	15.333	484.295
	14407	5	110.000	-6.300	483.671	15.333	483.914
Plate 4-12	14407	1	110.000	-6.300	483.671	15.333	483.914
(psp 600+pzl 610)	14408	2	110.000	-6.385	483.243	15.350	483.487
	14409	3	110.000	-6.470	482.814	15.366	483.058
	14410	4	110.000	-6.555	482.382	15.383	482.628
	14431	5	110.000	-6.640	481.948	15.399	482.194
Plate 4-13	14431	1	110.000	-6.640	481.948	15.399	482.194
(psp 600+pzl 610)	14432	2	110.000	-6.730	481.488	15.418	481.734
	14433	3	110.000	-6.820	481.021	15.439	481.269
	14434	4	110.000	-6.910	480.551	15.465	480.800
	15335	5	110.000	-7.000	480.074	15.497	480.324
Plate 5-14	15335	1	110.000	-7.000	480.074	15.497	480.324
(psp 600+pzl 610)	15336	2	110.000	-7.097	479.577	15.524	479.829
	15337	3	110.000	-7.193	479.096	15.539	479.348
	15338	4	110.000	-7.290	478.618	15.547	478.870
	15577	5	110.000	-7.387	478.143	15.549	478.396
Plate 5-15	15577	1	110.000	-7.387	478.143	15.549	478.396
(psp 600+pzl 610)	15578	2	110.000	-7.485	477.659	15.550	477.912
	15579	3	110.000	-7.583	477.175	15.550	477.428
	15580	4	110.000	-7.682	476.689	15.549	476.943
	16271	5	110.000	-7.780	476.203	15.547	476.456
Plate 5-16	16271	1	110.000	-7.780	476.203	15.547	476.456
(psp 600+pzl 610)	16272	2	110.000	-7.880	475.706	15.545	475.960
	16273	3	110.000	-7.980	475.208	15.544	475.462
	16274	4	110.000	-8.080	474.708	15.542	474.962
	16681	5	110.000	-8.180	474.207	15.540	474.462

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
Plate 5-17	16681	1	110.000	-8.180	474.207	15.540	474.462
(psp 600+pzl 610)	16682	2	110.000	-8.281	473.696	15.538	473.951
	16683	3	110.000	-8.383	473.185	15.536	473.440
	16684	4	110.000	-8.485	472.672	15.534	472.927
	16722	5	110.000	-8.586	472.157	15.533	472.413
Plate 5-18	16722	1	110.000	-8.586	472.157	15.533	472.413
(psp 600+pzl 610)	16724	2	110.000	-8.690	471.634	15.531	471.889
	16725	3	110.000	-8.793	471.109	15.529	471.365
	16726	4	110.000	-8.897	470.585	15.527	470.841
	16723	5	110.000	-9.000	470.061	15.525	470.317
Plate 6-19	16723	1	110.000	-9.000	470.061	15.525	470.317
(psp 600+pzl 610)	16704	2	110.000	-9.110	469.504	15.521	469.760
	16705	3	110.000	-9.220	468.943	15.518	469.200
	16706	4	110.000	-9.330	468.381	15.514	468.638
	16801	5	110.000	-9.440	467.818	15.511	468.075
Plate 6-20	16801	1	110.000	-9.440	467.818	15.511	468.075
(psp 600+pzl 610)	16802	2	110.000	-9.561	467.196	15.508	467.454
	16803	3	110.000	-9.682	466.573	15.504	466.831
	16804	4	110.000	-9.803	465.948	15.501	466.206
	16831	5	110.000	-9.924	465.322	15.497	465.580
Plate 6-21	16831	1	110.000	-9.924	465.322	15.497	465.580
(psp 600+pzl 610)	16832	2	110.000	-10.058	464.630	15.494	464.889
	16833	3	110.000	-10.191	463.937	15.490	464.195
	16834	4	110.000	-10.324	463.241	15.487	463.500
	16849	5	110.000	-10.458	462.543	15.483	462.802
Plate 6-22	16849	1	110.000	-10.458	462.543	15.483	462.802
(psp 600+pzl 610)	16850	2	110.000	-10.604	461.772	15.480	462.031
	16851	3	110.000	-10.751	460.998	15.476	461.257
	16852	4	110.000	-10.898	460.220	15.473	460.480
	17863	5	110.000	-11.045	459.440	15.469	459.700
Plate 6-23	17863	1	110.000	-11.045	459.440	15.469	459.700
(psp 600+pzl 610)	17864	2	110.000	-11.206	458.576	15.466	458.837
	17865	3	110.000	-11.368	457.708	15.462	457.969
	17866	4	110.000	-11.530	456.836	15.458	457.097
	18681	5	110.000	-11.691	455.958	15.455	456.220
Plate 6-24	18681	1	110.000	-11.691	455.958	15.455	456.220
(psp 600+pzl 610)	18682	2	110.000	-11.869	454.985	15.451	455.247
	18683	3	110.000	-12.047	454.005	15.446	454.268
	18684	4	110.000	-12.225	453.016	15.442	453.279
	18967	5	110.000	-12.403	452.019	15.438	452.282
Plate 6-25	18967	1	110.000	-12.403	452.019	15.438	452.282
(psp 600+pzl 610)	18968	2	110.000	-12.599	450.908	15.433	451.172



Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
	18969	3	110.000	-12.795	449.784	15.428	450.049
	18970	4	110.000	-12.991	448.646	15.422	448.911
	20151	5	110.000	-13.187	447.491	15.416	447.756
Plate 6-26	20151	1	110.000	-13.187	447.491	15.416	447.756
(psp 600+pzl 610)	20152	2	110.000	-13.403	446.199	15.409	446.465
	20153	3	110.000	-13.618	444.884	15.401	445.150
	20154	4	110.000	-13.834	443.542	15.392	443.809
	21141	5	110.000	-14.050	442.172	15.382	442.439
Plate 6-27	21141	1	110.000	-14.050	442.172	15.382	442.439
(psp 600+pzl 610)	21142	2	110.000	-14.287	440.623	15.371	440.891
	21143	3	110.000	-14.525	439.032	15.358	439.301
	21144	4	110.000	-14.762	437.392	15.344	437.661
	21331	5	110.000	-15.000	435.686	15.329	435.956
Plate 7-28	21331	1	110.000	-15.000	435.686	15.329	435.956
(psp 600+pzl 610)	21332	2	110.000	-15.250	433.359	15.179	433.624
	21333	3	110.000	-15.500	430.969	15.017	431.230
	21334	4	110.000	-15.750	428.388	14.848	428.645
	22335	5	110.000	-16.000	425.639	14.674	425.892
Plate 7-29	22335	1	110.000	-16.000	425.639	14.674	425.892
(psp 600+pzl 610)	22336	2	110.000	-16.250	422.707	14.496	422.955
	22337	3	110.000	-16.500	419.600	14.320	419.844
	22338	4	110.000	-16.750	416.322	14.147	416.562
	23097	5	110.000	-17.000	412.876	13.979	413.112
Plate 7-30	23097	1	110.000	-17.000	412.876	13.979	413.112
(psp 600+pzl 610)	23098	2	110.000	-17.250	409.268	13.812	409.501
	23099	3	110.000	-17.500	405.488	13.671	405.718
	23100	4	110.000	-17.750	401.595	13.567	401.824
	24335	5	110.000	-18.000	397.477	13.411	397.703
Plate 8-31	24335	1	110.000	-18.000	397.477	13.411	397.703
(psp 600+pzl 610)	24338	2	110.000	-18.250	394.630	13.290	394.853
	24337	3	110.000	-18.500	391.806	13.178	392.027
	24336	4	110.000	-18.750	388.967	13.062	389.186
	24907	5	110.000	-19.000	386.101	12.951	386.318
Plate 8-32	24907	1	110.000	-19.000	386.101	12.951	386.318
(psp 600+pzl 610)	24908	2	110.000	-19.250	383.182	12.855	383.397
	24909	3	110.000	-19.500	380.251	12.747	380.464
	24910	4	110.000	-19.750	377.336	12.620	377.547
	24911	5	110.000	-20.000	374.269	12.548	374.480

### 3.1.1.1.2.10 Calculation results, Plate, SLU A2 M2 R2 [Phase\_9] (27/309), Table of total displacements

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
Plate 1-1	10475	1	110.000	0.500	145.847	0.698	145.849
(psp 600+pzl 610)	10476	2	110.000	0.375	145.827	0.698	145.828
	10477	3	110.000	0.250	145.806	0.698	145.808
	10478	4	110.000	0.125	145.786	0.698	145.788
	10647	5	110.000	0.000	145.766	0.698	145.767
Plate 2-2	10647	1	110.000	0.000	145.766	0.698	145.767
(psp 600+pzl 610)	10648	2	110.000	-0.173	145.737	0.698	145.739
	10649	3	110.000	-0.346	145.709	0.698	145.711
	10650	4	110.000	-0.520	145.681	0.698	145.682
	10671	5	110.000	-0.693	145.652	0.698	145.654
Plate 2-3	10671	1	110.000	-0.693	145.652	0.698	145.654
(psp 600+pzl 610)	10672	2	110.000	-0.864	145.624	0.698	145.626
	10673	3	110.000	-1.036	145.597	0.698	145.598
	10674	4	110.000	-1.207	145.569	0.698	145.570
	10963	5	110.000	-1.379	145.541	0.698	145.542
Plate 2-4	10963	1	110.000	-1.379	145.541	0.698	145.542
(psp 600+pzl 610)	10964	2	110.000	-1.549	145.513	0.698	145.515
	10965	3	110.000	-1.719	145.485	0.698	145.487
	10966	4	110.000	-1.889	145.457	0.698	145.459
	10977	5	110.000	-2.058	145.430	0.698	145.431
Plate 2-5	10977	1	110.000	-2.058	145.430	0.698	145.431
(psp 600+pzl 610)	10978	2	110.000	-2.227	145.402	0.698	145.404
	10979	3	110.000	-2.395	145.375	0.698	145.376
	10980	4	110.000	-2.563	145.347	0.698	145.349
	11973	5	110.000	-2.731	145.320	0.698	145.322
Plate 2-6	11973	1	110.000	-2.731	145.320	0.698	145.322
(psp 600+pzl 610)	11974	2	110.000	-2.898	145.293	0.698	145.294
	11975	3	110.000	-3.065	145.266	0.698	145.267
	11976	4	110.000	-3.231	145.238	0.698	145.240
	12761	5	110.000	-3.398	145.211	0.698	145.213
Plate 2-7	12761	1	110.000	-3.398	145.211	0.698	145.213
(psp 600+pzl 610)	12762	2	110.000	-3.563	145.184	0.698	145.186
	12763	3	110.000	-3.728	145.157	0.698	145.159
	12764	4	110.000	-3.893	145.130	0.698	145.132
	13039	5	110.000	-4.058	145.104	0.698	145.105
Plate 2-8	13039	1	110.000	-4.058	145.104	0.698	145.105
(psp 600+pzl 610)	13040	2	110.000	-4.221	145.077	0.698	145.079
	13041	3	110.000	-4.385	145.050	0.698	145.052

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
	13042	4	110.000	-4.548	145.024	0.698	145.025
	13879	5	110.000	-4.712	144.997	0.698	144.999
Plate 2-9	13879	1	110.000	-4.712	144.997	0.698	144.999
(psp 600+pzl 610)	13880	2	110.000	-4.873	144.970	0.698	144.972
	13881	3	110.000	-5.035	144.944	0.698	144.946
	13882	4	110.000	-5.197	144.918	0.698	144.919
	13983	5	110.000	-5.359	144.891	0.698	144.893
Plate 2-10	13983	1	110.000	-5.359	144.891	0.698	144.893
(psp 600+pzl 610)	13984	2	110.000	-5.519	144.865	0.698	144.867
	13985	3	110.000	-5.679	144.839	0.698	144.841
	13986	4	110.000	-5.840	144.813	0.698	144.815
	14345	5	110.000	-6.000	144.787	0.698	144.788
Plate 3-11	14345	1	110.000	-6.000	144.787	0.698	144.788
(psp 600+pzl 610)	14346	2	110.000	-6.075	144.774	0.698	144.776
	14347	3	110.000	-6.150	144.762	0.698	144.764
	14348	4	110.000	-6.225	144.750	0.698	144.752
	14407	5	110.000	-6.300	144.738	0.698	144.739
Plate 4-12	14407	1	110.000	-6.300	144.738	0.698	144.739
(psp 600+pzl 610)	14408	2	110.000	-6.385	144.728	0.715	144.730
	14409	3	110.000	-6.470	144.717	0.732	144.719
	14410	4	110.000	-6.555	144.704	0.748	144.706
	14431	5	110.000	-6.640	144.688	0.764	144.690
Plate 4-13	14431	1	110.000	-6.640	144.688	0.764	144.690
(psp 600+pzl 610)	14432	2	110.000	-6.730	144.669	0.783	144.671
	14433	3	110.000	-6.820	144.645	0.804	144.647
	14434	4	110.000	-6.910	144.616	0.830	144.619
	15335	5	110.000	-7.000	144.581	0.863	144.583
Plate 5-14	15335	1	110.000	-7.000	144.581	0.863	144.583
(psp 600+pzl 610)	15336	2	110.000	-7.097	144.560	0.889	144.562
	15337	3	110.000	-7.193	144.553	0.904	144.556
	15338	4	110.000	-7.290	144.551	0.912	144.554
	15577	5	110.000	-7.387	144.551	0.914	144.554
Plate 5-15	15577	1	110.000	-7.387	144.551	0.914	144.554
(psp 600+pzl 610)	15578	2	110.000	-7.485	144.551	0.915	144.554
	15579	3	110.000	-7.583	144.550	0.915	144.553
	15580	4	110.000	-7.682	144.548	0.914	144.551
	16271	5	110.000	-7.780	144.545	0.912	144.548
Plate 5-16	16271	1	110.000	-7.780	144.545	0.912	144.548
(psp 600+pzl 610)	16272	2	110.000	-7.880	144.540	0.910	144.543
	16273	3	110.000	-7.980	144.534	0.908	144.536
	16274	4	110.000	-8.080	144.526	0.906	144.529
	16681	5	110.000	-8.180	144.516	0.904	144.519

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
Plate 5-17	16681	1	110.000	-8.180	144.516	0.904	144.519
(psp 600+pzl 610)	16682	2	110.000	-8.281	144.505	0.902	144.508
	16683	3	110.000	-8.383	144.493	0.900	144.496
	16684	4	110.000	-8.485	144.479	0.898	144.482
	16722	5	110.000	-8.586	144.464	0.896	144.466
Plate 5-18	16722	1	110.000	-8.586	144.464	0.896	144.466
(psp 600+pzl 610)	16724	2	110.000	-8.690	144.447	0.894	144.449
	16725	3	110.000	-8.793	144.428	0.892	144.431
	16726	4	110.000	-8.897	144.409	0.890	144.412
	16723	5	110.000	-9.000	144.390	0.887	144.393
Plate 6-19	16723	1	110.000	-9.000	144.390	0.887	144.393
(psp 600+pzl 610)	16704	2	110.000	-9.110	144.368	0.883	144.371
	16705	3	110.000	-9.220	144.342	0.879	144.345
	16706	4	110.000	-9.330	144.313	0.876	144.316
	16801	5	110.000	-9.440	144.282	0.872	144.284
Plate 6-20	16801	1	110.000	-9.440	144.282	0.872	144.284
(psp 600+pzl 610)	16802	2	110.000	-9.561	144.243	0.868	144.246
	16803	3	110.000	-9.682	144.201	0.864	144.203
	16804	4	110.000	-9.803	144.154	0.860	144.157
	16831	5	110.000	-9.924	144.103	0.856	144.106
Plate 6-21	16831	1	110.000	-9.924	144.103	0.856	144.106
(psp 600+pzl 610)	16832	2	110.000	-10.058	144.042	0.852	144.045
	16833	3	110.000	-10.191	143.975	0.848	143.978
	16834	4	110.000	-10.324	143.902	0.844	143.904
	16849	5	110.000	-10.458	143.822	0.840	143.824
Plate 6-22	16849	1	110.000	-10.458	143.822	0.840	143.824
(psp 600+pzl 610)	16850	2	110.000	-10.604	143.725	0.835	143.727
	16851	3	110.000	-10.751	143.619	0.831	143.621
	16852	4	110.000	-10.898	143.502	0.827	143.504
	17863	5	110.000	-11.045	143.374	0.822	143.377
Plate 6-23	17863	1	110.000	-11.045	143.374	0.822	143.377
(psp 600+pzl 610)	17864	2	110.000	-11.206	143.220	0.818	143.222
	17865	3	110.000	-11.368	143.050	0.813	143.053
	17866	4	110.000	-11.530	142.864	0.808	142.866
	18681	5	110.000	-11.691	142.659	0.804	142.661
Plate 6-24	18681	1	110.000	-11.691	142.659	0.804	142.661
(psp 600+pzl 610)	18682	2	110.000	-11.869	142.411	0.799	142.413
	18683	3	110.000	-12.047	142.138	0.793	142.140
	18684	4	110.000	-12.225	141.838	0.788	141.840
	18967	5	110.000	-12.403	141.508	0.783	141.510
Plate 6-25	18967	1	110.000	-12.403	141.508	0.783	141.510
(psp 600+pzl 610)	18968	2	110.000	-12.599	141.109	0.776	141.111

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
	18969	3	110.000	-12.795	140.670	0.770	140.672
	18970	4	110.000	-12.991	140.187	0.764	140.189
	20151	5	110.000	-13.187	139.659	0.757	139.661
Plate 6-26	20151	1	110.000	-13.187	139.659	0.757	139.661
(psp 600+pzl 610)	20152	2	110.000	-13.403	139.022	0.749	139.024
	20153	3	110.000	-13.618	138.324	0.741	138.326
	20154	4	110.000	-13.834	137.562	0.733	137.564
	21141	5	110.000	-14.050	136.735	0.723	136.737
Plate 6-27	21141	1	110.000	-14.050	136.735	0.723	136.737
(psp 600+pzl 610)	21142	2	110.000	-14.287	135.746	0.713	135.748
	21143	3	110.000	-14.525	134.674	0.701	134.676
	21144	4	110.000	-14.762	133.517	0.687	133.519
	21331	5	110.000	-15.000	132.260	0.673	132.262
Plate 7-28	21331	1	110.000	-15.000	132.260	0.673	132.262
(psp 600+pzl 610)	21332	2	110.000	-15.250	130.370	0.523	130.371
	21333	3	110.000	-15.500	128.385	0.363	128.385
	21334	4	110.000	-15.750	126.179	0.194	126.179
	22335	5	110.000	-16.000	123.777	0.020	123.777
Plate 7-29	22335	1	110.000	-16.000	123.777	0.020	123.777
(psp 600+pzl 610)	22336	2	110.000	-16.250	121.166	-0.156	121.166
	22337	3	110.000	-16.500	118.356	-0.332	118.356
	22338	4	110.000	-16.750	115.352	-0.503	115.354
	23097	5	110.000	-17.000	112.162	-0.671	112.164
Plate 7-30	23097	1	110.000	-17.000	112.162	-0.671	112.164
(psp 600+pzl 610)	23098	2	110.000	-17.250	108.791	-0.836	108.794
	23099	3	110.000	-17.500	105.232	-0.976	105.236
	23100	4	110.000	-17.750	101.545	-1.080	101.551
	24335	5	110.000	-18.000	97.621	-1.234	97.629
Plate 8-31	24335	1	110.000	-18.000	97.621	-1.234	97.629
(psp 600+pzl 610)	24338	2	110.000	-18.250	94.957	-1.354	94.967
	24337	3	110.000	-18.500	92.308	-1.466	92.319
	24336	4	110.000	-18.750	89.636	-1.580	89.650
	24907	5	110.000	-19.000	86.932	-1.691	86.948
Plate 8-32	24907	1	110.000	-19.000	86.932	-1.691	86.948
(psp 600+pzl 610)	24908	2	110.000	-19.250	84.170	-1.786	84.189
	24909	3	110.000	-19.500	81.395	-1.893	81.417
	24910	4	110.000	-19.750	78.635	-2.020	78.661
	24911	5	110.000	-20.000	75.724	-2.091	75.752

### 3.1.1.1.2.11 Calculation results, Plate, FS SLU A2 M2 R2 [Phase\_10] (28/409), Table of total displacements

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [m]
Plate 1-1	10475	1	110.000	0.500	1.074	24.298	1.074
(psp 600+pzl 610)	10476	2	110.000	0.375	1.074	24.298	1.074
	10477	3	110.000	0.250	1.073	24.298	1.074
	10478	4	110.000	0.125	1.073	24.298	1.074
	10647	5	110.000	0.000	1.073	24.298	1.073
Plate 2-2	10647	1	110.000	0.000	1.073	24.298	1.073
(psp 600+pzl 610)	10648	2	110.000	-0.173	1.073	24.298	1.073
	10649	3	110.000	-0.346	1.073	24.298	1.073
	10650	4	110.000	-0.520	1.073	24.298	1.073
	10671	5	110.000	-0.693	1.072	24.298	1.073
Plate 2-3	10671	1	110.000	-0.693	1.072	24.298	1.073
(psp 600+pzl 610)	10672	2	110.000	-0.864	1.072	24.298	1.073
	10673	3	110.000	-1.036	1.072	24.298	1.072
	10674	4	110.000	-1.207	1.072	24.298	1.072
	10963	5	110.000	-1.379	1.072	24.298	1.072
Plate 2-4	10963	1	110.000	-1.379	1.072	24.298	1.072
(psp 600+pzl 610)	10964	2	110.000	-1.549	1.072	24.298	1.072
	10965	3	110.000	-1.719	1.071	24.298	1.072
	10966	4	110.000	-1.889	1.071	24.298	1.071
	10977	5	110.000	-2.058	1.071	24.298	1.071
Plate 2-5	10977	1	110.000	-2.058	1.071	24.298	1.071
(psp 600+pzl 610)	10978	2	110.000	-2.227	1.071	24.298	1.071
	10979	3	110.000	-2.395	1.071	24.298	1.071
	10980	4	110.000	-2.563	1.071	24.298	1.071
	11973	5	110.000	-2.731	1.070	24.298	1.071
Plate 2-6	11973	1	110.000	-2.731	1.070	24.298	1.071
(psp 600+pzl 610)	11974	2	110.000	-2.898	1.070	24.298	1.070
	11975	3	110.000	-3.065	1.070	24.298	1.070
	11976	4	110.000	-3.231	1.070	24.298	1.070
	12761	5	110.000	-3.398	1.070	24.298	1.070
Plate 2-7	12761	1	110.000	-3.398	1.070	24.298	1.070
(psp 600+pzl 610)	12762	2	110.000	-3.563	1.069	24.298	1.070
	12763	3	110.000	-3.728	1.069	24.298	1.070
	12764	4	110.000	-3.893	1.069	24.298	1.069
	13039	5	110.000	-4.058	1.069	24.298	1.069
Plate 2-8	13039	1	110.000	-4.058	1.069	24.298	1.069
(psp 600+pzl 610)	13040	2	110.000	-4.221	1.069	24.298	1.069
	13041	3	110.000	-4.385	1.069	24.298	1.069

Structural element	Node [ $10^3$ ]	Local number	X [m]	Y [m]	$u_x$ [m]	$u_y$ [ $10^{-3}$ m]	$ u $ [m]
	13042	4	110.000	-4.548	1.068	24.298	1.069
	13879	5	110.000	-4.712	1.068	24.298	1.069
Plate 2-9	13879	1	110.000	-4.712	1.068	24.298	1.069
(psp 600+pzl 610)	13880	2	110.000	-4.873	1.068	24.298	1.068
	13881	3	110.000	-5.035	1.068	24.298	1.068
	13882	4	110.000	-5.197	1.068	24.298	1.068
	13983	5	110.000	-5.359	1.068	24.298	1.068
Plate 2-10	13983	1	110.000	-5.359	1.068	24.298	1.068
(psp 600+pzl 610)	13984	2	110.000	-5.519	1.067	24.298	1.068
	13985	3	110.000	-5.679	1.067	24.298	1.068
	13986	4	110.000	-5.840	1.067	24.298	1.067
	14345	5	110.000	-6.000	1.067	24.298	1.067
Plate 3-11	14345	1	110.000	-6.000	1.067	24.298	1.067
(psp 600+pzl 610)	14346	2	110.000	-6.075	1.067	24.298	1.067
	14347	3	110.000	-6.150	1.067	24.298	1.067
	14348	4	110.000	-6.225	1.067	24.298	1.067
	14407	5	110.000	-6.300	1.067	24.298	1.067
Plate 4-12	14407	1	110.000	-6.300	1.067	24.298	1.067
(psp 600+pzl 610)	14408	2	110.000	-6.385	1.067	24.315	1.067
	14409	3	110.000	-6.470	1.066	24.331	1.067
	14410	4	110.000	-6.555	1.066	24.348	1.067
	14431	5	110.000	-6.640	1.066	24.364	1.067
Plate 4-13	14431	1	110.000	-6.640	1.066	24.364	1.067
(psp 600+pzl 610)	14432	2	110.000	-6.730	1.066	24.383	1.066
	14433	3	110.000	-6.820	1.066	24.404	1.066
	14434	4	110.000	-6.910	1.066	24.430	1.066
	15335	5	110.000	-7.000	1.066	24.462	1.066
Plate 5-14	15335	1	110.000	-7.000	1.066	24.462	1.066
(psp 600+pzl 610)	15336	2	110.000	-7.097	1.066	24.489	1.066
	15337	3	110.000	-7.193	1.066	24.504	1.066
	15338	4	110.000	-7.290	1.066	24.512	1.066
	15577	5	110.000	-7.387	1.066	24.514	1.066
Plate 5-15	15577	1	110.000	-7.387	1.066	24.514	1.066
(psp 600+pzl 610)	15578	2	110.000	-7.485	1.065	24.516	1.066
	15579	3	110.000	-7.583	1.065	24.516	1.066
	15580	4	110.000	-7.682	1.065	24.514	1.066
	16271	5	110.000	-7.780	1.065	24.513	1.065
Plate 5-16	16271	1	110.000	-7.780	1.065	24.513	1.065
(psp 600+pzl 610)	16272	2	110.000	-7.880	1.065	24.511	1.065
	16273	3	110.000	-7.980	1.065	24.509	1.065
	16274	4	110.000	-8.080	1.065	24.507	1.065
	16681	5	110.000	-8.180	1.065	24.505	1.065

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [m]
Plate 5-17	16681	1	110.000	-8.180	1.065	24.505	1.065
(psp 600+pzl 610)	16682	2	110.000	-8.281	1.065	24.503	1.065
	16683	3	110.000	-8.383	1.065	24.501	1.065
	16684	4	110.000	-8.485	1.064	24.500	1.065
	16722	5	110.000	-8.586	1.064	24.498	1.065
Plate 5-18	16722	1	110.000	-8.586	1.064	24.498	1.065
(psp 600+pzl 610)	16724	2	110.000	-8.690	1.064	24.496	1.065
	16725	3	110.000	-8.793	1.064	24.494	1.064
	16726	4	110.000	-8.897	1.064	24.493	1.064
	16723	5	110.000	-9.000	1.064	24.490	1.064
Plate 6-19	16723	1	110.000	-9.000	1.064	24.490	1.064
(psp 600+pzl 610)	16704	2	110.000	-9.110	1.064	24.486	1.064
	16705	3	110.000	-9.220	1.064	24.483	1.064
	16706	4	110.000	-9.330	1.064	24.480	1.064
	16801	5	110.000	-9.440	1.063	24.476	1.064
Plate 6-20	16801	1	110.000	-9.440	1.063	24.476	1.064
(psp 600+pzl 610)	16802	2	110.000	-9.561	1.063	24.473	1.064
	16803	3	110.000	-9.682	1.063	24.469	1.064
	16804	4	110.000	-9.803	1.063	24.466	1.063
	16831	5	110.000	-9.924	1.063	24.462	1.063
Plate 6-21	16831	1	110.000	-9.924	1.063	24.462	1.063
(psp 600+pzl 610)	16832	2	110.000	-10.058	1.063	24.458	1.063
	16833	3	110.000	-10.191	1.063	24.455	1.063
	16834	4	110.000	-10.324	1.062	24.451	1.063
	16849	5	110.000	-10.458	1.062	24.448	1.063
Plate 6-22	16849	1	110.000	-10.458	1.062	24.448	1.063
(psp 600+pzl 610)	16850	2	110.000	-10.604	1.062	24.444	1.062
	16851	3	110.000	-10.751	1.062	24.440	1.062
	16852	4	110.000	-10.898	1.062	24.436	1.062
	17863	5	110.000	-11.045	1.062	24.432	1.062
Plate 6-23	17863	1	110.000	-11.045	1.062	24.432	1.062
(psp 600+pzl 610)	17864	2	110.000	-11.206	1.061	24.428	1.062
	17865	3	110.000	-11.368	1.061	24.424	1.061
	17866	4	110.000	-11.530	1.061	24.420	1.061
	18681	5	110.000	-11.691	1.061	24.415	1.061
Plate 6-24	18681	1	110.000	-11.691	1.061	24.415	1.061
(psp 600+pzl 610)	18682	2	110.000	-11.869	1.060	24.410	1.061
	18683	3	110.000	-12.047	1.060	24.406	1.060
	18684	4	110.000	-12.225	1.060	24.400	1.060
	18967	5	110.000	-12.403	1.059	24.395	1.060
Plate 6-25	18967	1	110.000	-12.403	1.059	24.395	1.060
(psp 600+pzl 610)	18968	2	110.000	-12.599	1.059	24.389	1.059



Structural element	Node [ $10^3$ ]	Local number	X [m]	Y [m]	$u_x$ [m]	$u_y$ [ $10^{-3}$ m]	$ u $ [m]
	18969	3	110.000	-12.795	1.059	24.383	1.059
	18970	4	110.000	-12.991	1.058	24.377	1.058
	20151	5	110.000	-13.187	1.058	24.370	1.058
Plate 6-26	20151	1	110.000	-13.187	1.058	24.370	1.058
(psp 600+pzl 610)	20152	2	110.000	-13.403	1.057	24.362	1.057
	20153	3	110.000	-13.618	1.057	24.354	1.057
	20154	4	110.000	-13.834	1.056	24.344	1.056
	21141	5	110.000	-14.050	1.055	24.335	1.056
Plate 6-27	21141	1	110.000	-14.050	1.055	24.335	1.056
(psp 600+pzl 610)	21142	2	110.000	-14.287	1.055	24.323	1.055
	21143	3	110.000	-14.525	1.054	24.310	1.054
	21144	4	110.000	-14.762	1.053	24.296	1.053
	21331	5	110.000	-15.000	1.052	24.280	1.052
Plate 7-28	21331	1	110.000	-15.000	1.052	24.280	1.052
(psp 600+pzl 610)	21332	2	110.000	-15.250	1.050	24.129	1.050
	21333	3	110.000	-15.500	1.049	23.968	1.049
	21334	4	110.000	-15.750	1.047	23.798	1.047
	22335	5	110.000	-16.000	1.045	23.623	1.045
Plate 7-29	22335	1	110.000	-16.000	1.045	23.623	1.045
(psp 600+pzl 610)	22336	2	110.000	-16.250	1.042	23.445	1.043
	22337	3	110.000	-16.500	1.040	23.269	1.040
	22338	4	110.000	-16.750	1.038	23.096	1.038
	23097	5	110.000	-17.000	1.035	22.927	1.035
Plate 7-30	23097	1	110.000	-17.000	1.035	22.927	1.035
(psp 600+pzl 610)	23098	2	110.000	-17.250	1.032	22.760	1.032
	23099	3	110.000	-17.500	1.029	22.620	1.029
	23100	4	110.000	-17.750	1.026	22.515	1.026
	24335	5	110.000	-18.000	1.022	22.359	1.022
Plate 8-31	24335	1	110.000	-18.000	1.022	22.359	1.022
(psp 600+pzl 610)	24338	2	110.000	-18.250	1.020	22.238	1.020
	24337	3	110.000	-18.500	1.018	22.125	1.018
	24336	4	110.000	-18.750	1.015	22.010	1.016
	24907	5	110.000	-19.000	1.013	21.898	1.013
Plate 8-32	24907	1	110.000	-19.000	1.013	21.898	1.013
(psp 600+pzl 610)	24908	2	110.000	-19.250	1.011	21.802	1.011
	24909	3	110.000	-19.500	1.009	21.694	1.009
	24910	4	110.000	-19.750	1.006	21.567	1.007
	24911	5	110.000	-20.000	1.004	21.495	1.004

### 3.1.1.1.2.12 Calculation results, Plate, FS 2° scavo [Phase\_13] (31/509), Table of total displacements

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
Plate 1-1	10475	1	110.000	0.500	144.016	-5.047	144.104
(psp 600+pzl 610)	10476	2	110.000	0.375	143.876	-5.047	143.964
	10477	3	110.000	0.250	143.735	-5.047	143.824
	10478	4	110.000	0.125	143.595	-5.047	143.684
	10647	5	110.000	0.000	143.455	-5.047	143.544
Plate 2-2	10647	1	110.000	0.000	143.455	-5.047	143.544
(psp 600+pzl 610)	10648	2	110.000	-0.173	143.261	-5.047	143.349
	10649	3	110.000	-0.346	143.066	-5.047	143.155
	10650	4	110.000	-0.520	142.872	-5.047	142.961
	10671	5	110.000	-0.693	142.678	-5.047	142.767
Plate 2-3	10671	1	110.000	-0.693	142.678	-5.047	142.767
(psp 600+pzl 610)	10672	2	110.000	-0.864	142.485	-5.047	142.575
	10673	3	110.000	-1.036	142.293	-5.047	142.382
	10674	4	110.000	-1.207	142.100	-5.047	142.190
	10963	5	110.000	-1.379	141.908	-5.047	141.998
Plate 2-4	10963	1	110.000	-1.379	141.908	-5.047	141.998
(psp 600+pzl 610)	10964	2	110.000	-1.549	141.717	-5.047	141.807
	10965	3	110.000	-1.719	141.527	-5.047	141.617
	10966	4	110.000	-1.889	141.336	-5.047	141.426
	10977	5	110.000	-2.058	141.146	-5.047	141.236
Plate 2-5	10977	1	110.000	-2.058	141.146	-5.047	141.236
(psp 600+pzl 610)	10978	2	110.000	-2.227	140.957	-5.047	141.047
	10979	3	110.000	-2.395	140.768	-5.047	140.859
	10980	4	110.000	-2.563	140.579	-5.047	140.670
	11973	5	110.000	-2.731	140.391	-5.047	140.481
Plate 2-6	11973	1	110.000	-2.731	140.391	-5.047	140.481
(psp 600+pzl 610)	11974	2	110.000	-2.898	140.204	-5.047	140.294
	11975	3	110.000	-3.065	140.017	-5.047	140.108
	11976	4	110.000	-3.231	139.830	-5.047	139.921
	12761	5	110.000	-3.398	139.643	-5.047	139.734
Plate 2-7	12761	1	110.000	-3.398	139.643	-5.047	139.734
(psp 600+pzl 610)	12762	2	110.000	-3.563	139.458	-5.047	139.549
	12763	3	110.000	-3.728	139.273	-5.047	139.364
	12764	4	110.000	-3.893	139.088	-5.047	139.179
	13039	5	110.000	-4.058	138.902	-5.047	138.994
Plate 2-8	13039	1	110.000	-4.058	138.902	-5.047	138.994
(psp 600+pzl 610)	13040	2	110.000	-4.221	138.719	-5.047	138.811
	13041	3	110.000	-4.385	138.536	-5.047	138.628

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
	13042	4	110.000	-4.548	138.352	-5.047	138.444
	13879	5	110.000	-4.712	138.169	-5.047	138.261
Plate 2-9	13879	1	110.000	-4.712	138.169	-5.047	138.261
(psp 600+pzl 610)	13880	2	110.000	-4.873	137.987	-5.047	138.080
	13881	3	110.000	-5.035	137.806	-5.047	137.898
	13882	4	110.000	-5.197	137.624	-5.047	137.717
	13983	5	110.000	-5.359	137.443	-5.047	137.535
Plate 2-10	13983	1	110.000	-5.359	137.443	-5.047	137.535
(psp 600+pzl 610)	13984	2	110.000	-5.519	137.263	-5.047	137.356
	13985	3	110.000	-5.679	137.083	-5.047	137.176
	13986	4	110.000	-5.840	136.903	-5.047	136.996
	14345	5	110.000	-6.000	136.723	-5.047	136.817
Plate 3-11	14345	1	110.000	-6.000	136.723	-5.047	136.817
(psp 600+pzl 610)	14346	2	110.000	-6.075	136.639	-5.047	136.733
	14347	3	110.000	-6.150	136.555	-5.047	136.648
	14348	4	110.000	-6.225	136.471	-5.047	136.564
	14407	5	110.000	-6.300	136.387	-5.047	136.480
Plate 4-12	14407	1	110.000	-6.300	136.387	-5.047	136.480
(psp 600+pzl 610)	14408	2	110.000	-6.385	136.296	-5.030	136.388
	14409	3	110.000	-6.470	136.203	-5.013	136.295
	14410	4	110.000	-6.555	136.108	-4.997	136.200
	14431	5	110.000	-6.640	136.011	-4.980	136.102
Plate 4-13	14431	1	110.000	-6.640	136.011	-4.980	136.102
(psp 600+pzl 610)	14432	2	110.000	-6.730	135.906	-4.962	135.996
	14433	3	110.000	-6.820	135.795	-4.941	135.885
	14434	4	110.000	-6.910	135.680	-4.915	135.769
	15335	5	110.000	-7.000	135.559	-4.882	135.647
Plate 5-14	15335	1	110.000	-7.000	135.559	-4.882	135.647
(psp 600+pzl 610)	15336	2	110.000	-7.097	135.445	-4.856	135.532
	15337	3	110.000	-7.193	135.346	-4.841	135.432
	15338	4	110.000	-7.290	135.250	-4.833	135.336
	15577	5	110.000	-7.387	135.158	-4.831	135.244
Plate 5-15	15577	1	110.000	-7.387	135.158	-4.831	135.244
(psp 600+pzl 610)	15578	2	110.000	-7.485	135.063	-4.829	135.149
	15579	3	110.000	-7.583	134.968	-4.829	135.054
	15580	4	110.000	-7.682	134.871	-4.830	134.958
	16271	5	110.000	-7.780	134.773	-4.832	134.860
Plate 5-16	16271	1	110.000	-7.780	134.773	-4.832	134.860
(psp 600+pzl 610)	16272	2	110.000	-7.880	134.672	-4.834	134.759
	16273	3	110.000	-7.980	134.570	-4.836	134.657
	16274	4	110.000	-8.080	134.466	-4.838	134.553
	16681	5	110.000	-8.180	134.361	-4.840	134.448

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
Plate 5-17	16681	1	110.000	-8.180	134.361	-4.840	134.448
(psp 600+pzl 610)	16682	2	110.000	-8.281	134.253	-4.842	134.340
	16683	3	110.000	-8.383	134.143	-4.844	134.231
	16684	4	110.000	-8.485	134.032	-4.845	134.120
	16722	5	110.000	-8.586	133.921	-4.847	134.008
Plate 5-18	16722	1	110.000	-8.586	133.921	-4.847	134.008
(psp 600+pzl 610)	16724	2	110.000	-8.690	133.806	-4.849	133.894
	16725	3	110.000	-8.793	133.690	-4.851	133.778
	16726	4	110.000	-8.897	133.574	-4.853	133.662
	16723	5	110.000	-9.000	133.459	-4.855	133.547
Plate 6-19	16723	1	110.000	-9.000	133.459	-4.855	133.547
(psp 600+pzl 610)	16704	2	110.000	-9.110	133.336	-4.859	133.425
	16705	3	110.000	-9.220	133.210	-4.863	133.299
	16706	4	110.000	-9.330	133.082	-4.866	133.171
	16801	5	110.000	-9.440	132.952	-4.869	133.041
Plate 6-20	16801	1	110.000	-9.440	132.952	-4.869	133.041
(psp 600+pzl 610)	16802	2	110.000	-9.561	132.807	-4.873	132.896
	16803	3	110.000	-9.682	132.659	-4.877	132.749
	16804	4	110.000	-9.803	132.509	-4.880	132.599
	16831	5	110.000	-9.924	132.357	-4.884	132.447
Plate 6-21	16831	1	110.000	-9.924	132.357	-4.884	132.447
(psp 600+pzl 610)	16832	2	110.000	-10.058	132.186	-4.887	132.277
	16833	3	110.000	-10.191	132.012	-4.891	132.103
	16834	4	110.000	-10.324	131.835	-4.895	131.926
	16849	5	110.000	-10.458	131.653	-4.899	131.744
Plate 6-22	16849	1	110.000	-10.458	131.653	-4.899	131.744
(psp 600+pzl 610)	16850	2	110.000	-10.604	131.449	-4.902	131.540
	16851	3	110.000	-10.751	131.239	-4.906	131.330
	16852	4	110.000	-10.898	131.022	-4.910	131.114
	17863	5	110.000	-11.045	130.800	-4.914	130.892
Plate 6-23	17863	1	110.000	-11.045	130.800	-4.914	130.892
(psp 600+pzl 610)	17864	2	110.000	-11.206	130.547	-4.918	130.640
	17865	3	110.000	-11.368	130.285	-4.922	130.378
	17866	4	110.000	-11.530	130.014	-4.925	130.107
	18681	5	110.000	-11.691	129.732	-4.929	129.825
Plate 6-24	18681	1	110.000	-11.691	129.732	-4.929	129.825
(psp 600+pzl 610)	18682	2	110.000	-11.869	129.408	-4.934	129.502
	18683	3	110.000	-12.047	129.070	-4.938	129.164
	18684	4	110.000	-12.225	128.716	-4.942	128.811
	18967	5	110.000	-12.403	128.346	-4.946	128.441
Plate 6-25	18967	1	110.000	-12.403	128.346	-4.946	128.441
(psp 600+pzl 610)	18968	2	110.000	-12.599	127.918	-4.951	128.014

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
	18969	3	110.000	-12.795	127.469	-4.956	127.565
	18970	4	110.000	-12.991	126.995	-4.961	127.092
	20151	5	110.000	-13.187	126.498	-4.967	126.596
Plate 6-26	20151	1	110.000	-13.187	126.498	-4.967	126.596
(psp 600+pzl 610)	20152	2	110.000	-13.403	125.922	-4.974	126.020
	20153	3	110.000	-13.618	125.315	-4.981	125.414
	20154	4	110.000	-13.834	124.675	-4.989	124.775
	21141	5	110.000	-14.050	124.001	-4.998	124.102
Plate 6-27	21141	1	110.000	-14.050	124.001	-4.998	124.102
(psp 600+pzl 610)	21142	2	110.000	-14.287	123.218	-5.009	123.320
	21143	3	110.000	-14.525	122.391	-5.021	122.494
	21144	4	110.000	-14.762	121.517	-5.035	121.621
	21331	5	110.000	-15.000	120.578	-5.050	120.683
Plate 7-28	21331	1	110.000	-15.000	120.578	-5.050	120.683
(psp 600+pzl 610)	21332	2	110.000	-15.250	119.058	-5.200	119.172
	21333	3	110.000	-15.500	117.475	-5.361	117.597
	21334	4	110.000	-15.750	115.699	-5.530	115.831
	22335	5	110.000	-16.000	113.753	-5.704	113.896
Plate 7-29	22335	1	110.000	-16.000	113.753	-5.704	113.896
(psp 600+pzl 610)	22336	2	110.000	-16.250	111.621	-5.881	111.776
	22337	3	110.000	-16.500	109.310	-6.056	109.478
	22338	4	110.000	-16.750	106.824	-6.228	107.005
	23097	5	110.000	-17.000	104.165	-6.396	104.361
Plate 7-30	23097	1	110.000	-17.000	104.165	-6.396	104.361
(psp 600+pzl 610)	23098	2	110.000	-17.250	101.338	-6.562	101.551
	23099	3	110.000	-17.500	98.335	-6.701	98.563
	23100	4	110.000	-17.750	95.212	-6.805	95.455
	24335	5	110.000	-18.000	91.858	-6.960	92.121
Plate 8-31	24335	1	110.000	-18.000	91.858	-6.960	92.121
(psp 600+pzl 610)	24338	2	110.000	-18.250	89.768	-7.080	90.047
	24337	3	110.000	-18.500	87.695	-7.192	87.990
	24336	4	110.000	-18.750	85.601	-7.306	85.913
	24907	5	110.000	-19.000	83.475	-7.417	83.804
Plate 8-32	24907	1	110.000	-19.000	83.475	-7.417	83.804
(psp 600+pzl 610)	24908	2	110.000	-19.250	81.291	-7.512	81.638
	24909	3	110.000	-19.500	79.093	-7.620	79.460
	24910	4	110.000	-19.750	76.910	-7.746	77.299
	24911	5	110.000	-20.000	74.576	-7.818	74.984

### 3.1.1.1.2.13 Calculation results, Plate, FS 1° scavo [Phase\_11] (29/609), Table of total displacements

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
Plate 1-1	10475	1	110.000	0.500	102.596	-0.269	102.596
(psp 600+pzl 610)	10476	2	110.000	0.375	102.613	-0.269	102.613
	10477	3	110.000	0.250	102.630	-0.269	102.630
	10478	4	110.000	0.125	102.647	-0.269	102.647
	10647	5	110.000	0.000	102.664	-0.269	102.665
Plate 2-2	10647	1	110.000	0.000	102.664	-0.269	102.665
(psp 600+pzl 610)	10648	2	110.000	-0.173	102.688	-0.269	102.688
	10649	3	110.000	-0.346	102.712	-0.269	102.712
	10650	4	110.000	-0.520	102.735	-0.269	102.736
	10671	5	110.000	-0.693	102.759	-0.269	102.759
Plate 2-3	10671	1	110.000	-0.693	102.759	-0.269	102.759
(psp 600+pzl 610)	10672	2	110.000	-0.864	102.783	-0.269	102.783
	10673	3	110.000	-1.036	102.806	-0.269	102.807
	10674	4	110.000	-1.207	102.830	-0.269	102.830
	10963	5	110.000	-1.379	102.853	-0.269	102.854
Plate 2-4	10963	1	110.000	-1.379	102.853	-0.269	102.854
(psp 600+pzl 610)	10964	2	110.000	-1.549	102.876	-0.269	102.877
	10965	3	110.000	-1.719	102.900	-0.269	102.900
	10966	4	110.000	-1.889	102.923	-0.269	102.923
	10977	5	110.000	-2.058	102.946	-0.269	102.947
Plate 2-5	10977	1	110.000	-2.058	102.946	-0.269	102.947
(psp 600+pzl 610)	10978	2	110.000	-2.227	102.969	-0.269	102.970
	10979	3	110.000	-2.395	102.992	-0.269	102.993
	10980	4	110.000	-2.563	103.015	-0.269	103.016
	11973	5	110.000	-2.731	103.039	-0.269	103.039
Plate 2-6	11973	1	110.000	-2.731	103.039	-0.269	103.039
(psp 600+pzl 610)	11974	2	110.000	-2.898	103.061	-0.269	103.062
	11975	3	110.000	-3.065	103.084	-0.269	103.085
	11976	4	110.000	-3.231	103.107	-0.269	103.107
	12761	5	110.000	-3.398	103.130	-0.269	103.130
Plate 2-7	12761	1	110.000	-3.398	103.130	-0.269	103.130
(psp 600+pzl 610)	12762	2	110.000	-3.563	103.153	-0.269	103.153
	12763	3	110.000	-3.728	103.175	-0.269	103.175
	12764	4	110.000	-3.893	103.198	-0.269	103.198
	13039	5	110.000	-4.058	103.220	-0.269	103.221
Plate 2-8	13039	1	110.000	-4.058	103.220	-0.269	103.221
(psp 600+pzl 610)	13040	2	110.000	-4.221	103.243	-0.269	103.243
	13041	3	110.000	-4.385	103.265	-0.269	103.265

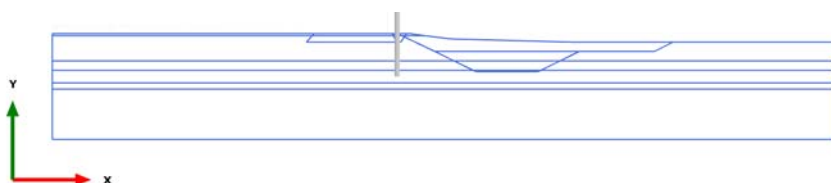
Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
	13042	4	110.000	-4.548	103.288	-0.269	103.288
	13879	5	110.000	-4.712	103.310	-0.269	103.310
Plate 2-9	13879	1	110.000	-4.712	103.310	-0.269	103.310
(psp 600+pzl 610)	13880	2	110.000	-4.873	103.332	-0.269	103.332
	13881	3	110.000	-5.035	103.354	-0.269	103.355
	13882	4	110.000	-5.197	103.376	-0.269	103.377
	13983	5	110.000	-5.359	103.399	-0.269	103.399
Plate 2-10	13983	1	110.000	-5.359	103.399	-0.269	103.399
(psp 600+pzl 610)	13984	2	110.000	-5.519	103.421	-0.269	103.421
	13985	3	110.000	-5.679	103.443	-0.269	103.443
	13986	4	110.000	-5.840	103.465	-0.269	103.465
	14345	5	110.000	-6.000	103.487	-0.269	103.487
Plate 3-11	14345	1	110.000	-6.000	103.487	-0.269	103.487
(psp 600+pzl 610)	14346	2	110.000	-6.075	103.497	-0.269	103.497
	14347	3	110.000	-6.150	103.507	-0.269	103.507
	14348	4	110.000	-6.225	103.517	-0.269	103.518
	14407	5	110.000	-6.300	103.528	-0.269	103.528
Plate 4-12	14407	1	110.000	-6.300	103.528	-0.269	103.528
(psp 600+pzl 610)	14408	2	110.000	-6.385	103.544	-0.252	103.544
	14409	3	110.000	-6.470	103.558	-0.235	103.559
	14410	4	110.000	-6.555	103.571	-0.219	103.571
	14431	5	110.000	-6.640	103.580	-0.202	103.581
Plate 4-13	14431	1	110.000	-6.640	103.580	-0.202	103.581
(psp 600+pzl 610)	14432	2	110.000	-6.730	103.588	-0.184	103.589
	14433	3	110.000	-6.820	103.591	-0.163	103.591
	14434	4	110.000	-6.910	103.589	-0.137	103.589
	15335	5	110.000	-7.000	103.581	-0.104	103.581
Plate 5-14	15335	1	110.000	-7.000	103.581	-0.104	103.581
(psp 600+pzl 610)	15336	2	110.000	-7.097	103.589	-0.078	103.589
	15337	3	110.000	-7.193	103.611	-0.063	103.611
	15338	4	110.000	-7.290	103.637	-0.055	103.637
	15577	5	110.000	-7.387	103.666	-0.053	103.666
Plate 5-15	15577	1	110.000	-7.387	103.666	-0.053	103.666
(psp 600+pzl 610)	15578	2	110.000	-7.485	103.696	-0.051	103.696
	15579	3	110.000	-7.583	103.724	-0.051	103.724
	15580	4	110.000	-7.682	103.751	-0.052	103.751
	16271	5	110.000	-7.780	103.777	-0.054	103.777
Plate 5-16	16271	1	110.000	-7.780	103.777	-0.054	103.777
(psp 600+pzl 610)	16272	2	110.000	-7.880	103.802	-0.056	103.802
	16273	3	110.000	-7.980	103.825	-0.058	103.825
	16274	4	110.000	-8.080	103.847	-0.060	103.847
	16681	5	110.000	-8.180	103.868	-0.062	103.868

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
Plate 5-17	16681	1	110.000	-8.180	103.868	-0.062	103.868
(psp 600+pzl 610)	16682	2	110.000	-8.281	103.888	-0.064	103.888
	16683	3	110.000	-8.383	103.906	-0.066	103.906
	16684	4	110.000	-8.485	103.924	-0.067	103.924
	16722	5	110.000	-8.586	103.940	-0.069	103.940
Plate 5-18	16722	1	110.000	-8.586	103.940	-0.069	103.940
(psp 600+pzl 610)	16724	2	110.000	-8.690	103.956	-0.071	103.956
	16725	3	110.000	-8.793	103.970	-0.073	103.970
	16726	4	110.000	-8.897	103.985	-0.075	103.985
	16723	5	110.000	-9.000	104.000	-0.077	104.000
Plate 6-19	16723	1	110.000	-9.000	104.000	-0.077	104.000
(psp 600+pzl 610)	16704	2	110.000	-9.110	104.016	-0.081	104.016
	16705	3	110.000	-9.220	104.028	-0.084	104.028
	16706	4	110.000	-9.330	104.039	-0.088	104.039
	16801	5	110.000	-9.440	104.047	-0.091	104.047
Plate 6-20	16801	1	110.000	-9.440	104.047	-0.091	104.047
(psp 600+pzl 610)	16802	2	110.000	-9.561	104.055	-0.095	104.055
	16803	3	110.000	-9.682	104.060	-0.098	104.060
	16804	4	110.000	-9.803	104.063	-0.102	104.063
	16831	5	110.000	-9.924	104.064	-0.105	104.064
Plate 6-21	16831	1	110.000	-9.924	104.064	-0.105	104.064
(psp 600+pzl 610)	16832	2	110.000	-10.058	104.062	-0.109	104.062
	16833	3	110.000	-10.191	104.058	-0.112	104.058
	16834	4	110.000	-10.324	104.050	-0.116	104.050
	16849	5	110.000	-10.458	104.039	-0.119	104.039
Plate 6-22	16849	1	110.000	-10.458	104.039	-0.119	104.039
(psp 600+pzl 610)	16850	2	110.000	-10.604	104.022	-0.123	104.022
	16851	3	110.000	-10.751	104.001	-0.127	104.001
	16852	4	110.000	-10.898	103.975	-0.131	103.976
	17863	5	110.000	-11.045	103.945	-0.134	103.945
Plate 6-23	17863	1	110.000	-11.045	103.945	-0.134	103.945
(psp 600+pzl 610)	17864	2	110.000	-11.206	103.904	-0.138	103.904
	17865	3	110.000	-11.368	103.857	-0.142	103.857
	17866	4	110.000	-11.530	103.801	-0.145	103.801
	18681	5	110.000	-11.691	103.737	-0.149	103.737
Plate 6-24	18681	1	110.000	-11.691	103.737	-0.149	103.737
(psp 600+pzl 610)	18682	2	110.000	-11.869	103.657	-0.153	103.657
	18683	3	110.000	-12.047	103.564	-0.158	103.564
	18684	4	110.000	-12.225	103.459	-0.162	103.459
	18967	5	110.000	-12.403	103.340	-0.166	103.340
Plate 6-25	18967	1	110.000	-12.403	103.340	-0.166	103.340
(psp 600+pzl 610)	18968	2	110.000	-12.599	103.192	-0.171	103.193



Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
	18969	3	110.000	-12.795	103.025	-0.176	103.025
	18970	4	110.000	-12.991	102.837	-0.182	102.837
	20151	5	110.000	-13.187	102.627	-0.188	102.627
Plate 6-26	20151	1	110.000	-13.187	102.627	-0.188	102.627
(psp 600+pzl 610)	20152	2	110.000	-13.403	102.366	-0.195	102.367
	20153	3	110.000	-13.618	102.075	-0.202	102.075
	20154	4	110.000	-13.834	101.749	-0.211	101.749
	21141	5	110.000	-14.050	101.388	-0.220	101.388
Plate 6-27	21141	1	110.000	-14.050	101.388	-0.220	101.388
(psp 600+pzl 610)	21142	2	110.000	-14.287	100.946	-0.231	100.946
	21143	3	110.000	-14.525	100.458	-0.243	100.458
	21144	4	110.000	-14.762	99.921	-0.256	99.921
	21331	5	110.000	-15.000	99.319	-0.271	99.319
Plate 7-28	21331	1	110.000	-15.000	99.319	-0.271	99.319
(psp 600+pzl 610)	21332	2	110.000	-15.250	98.154	-0.421	98.154
	21333	3	110.000	-15.500	96.925	-0.582	96.927
	21334	4	110.000	-15.750	95.505	-0.751	95.508
	22335	5	110.000	-16.000	93.916	-0.924	93.920
Plate 7-29	22335	1	110.000	-16.000	93.916	-0.924	93.920
(psp 600+pzl 610)	22336	2	110.000	-16.250	92.141	-1.101	92.148
	22337	3	110.000	-16.500	90.189	-1.277	90.198
	22338	4	110.000	-16.750	88.062	-1.449	88.074
	23097	5	110.000	-17.000	85.764	-1.617	85.779
Plate 7-30	23097	1	110.000	-17.000	85.764	-1.617	85.779
(psp 600+pzl 610)	23098	2	110.000	-17.250	83.299	-1.783	83.318
	23099	3	110.000	-17.500	80.658	-1.922	80.681
	23100	4	110.000	-17.750	77.899	-2.026	77.925
	24335	5	110.000	-18.000	74.908	-2.181	74.940
Plate 8-31	24335	1	110.000	-18.000	74.908	-2.181	74.940
(psp 600+pzl 610)	24338	2	110.000	-18.250	73.182	-2.301	73.218
	24337	3	110.000	-18.500	71.473	-2.413	71.514
	24336	4	110.000	-18.750	69.743	-2.527	69.789
	24907	5	110.000	-19.000	67.981	-2.638	68.032
Plate 8-32	24907	1	110.000	-19.000	67.981	-2.638	68.032
(psp 600+pzl 610)	24908	2	110.000	-19.250	66.162	-2.734	66.218
	24909	3	110.000	-19.500	64.328	-2.841	64.390
	24910	4	110.000	-19.750	62.509	-2.968	62.579
	24911	5	110.000	-20.000	60.539	-3.039	60.615

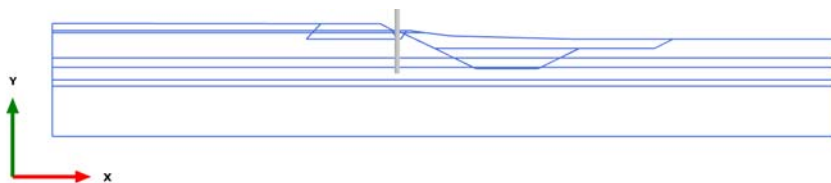
### 3.1.2.1.1 Calculation results, Plate, Initial phase [InitialPhase] (0/0), Axial forces N



Axial forces N (scaled up 1.00 times)

No results

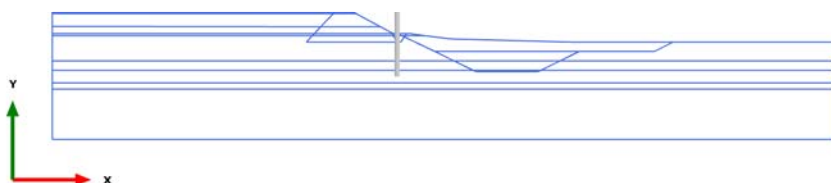
### 3.1.2.1.2 Calculation results, Plate, 1° step coronella+t riporto [Phase\_1] (19/7), Axial forces N



Axial forces N (scaled up 1.00 times)

No results

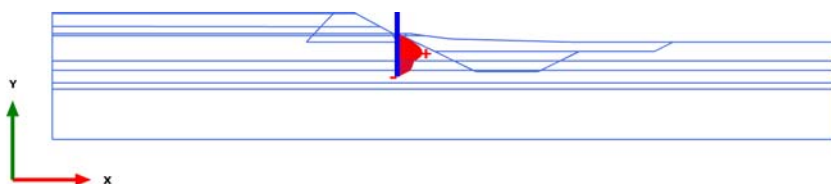
### 3.1.2.1.3 Calculation results, Plate, 2°step coronella+t riporto [Phase\_2] (20/17), Axial forces N



Axial forces N (scaled up 1.00 times)

No results

### 3.1.2.1.4 Calculation results, Plate, paratia [Phase\_4] (22/20), Axial forces N



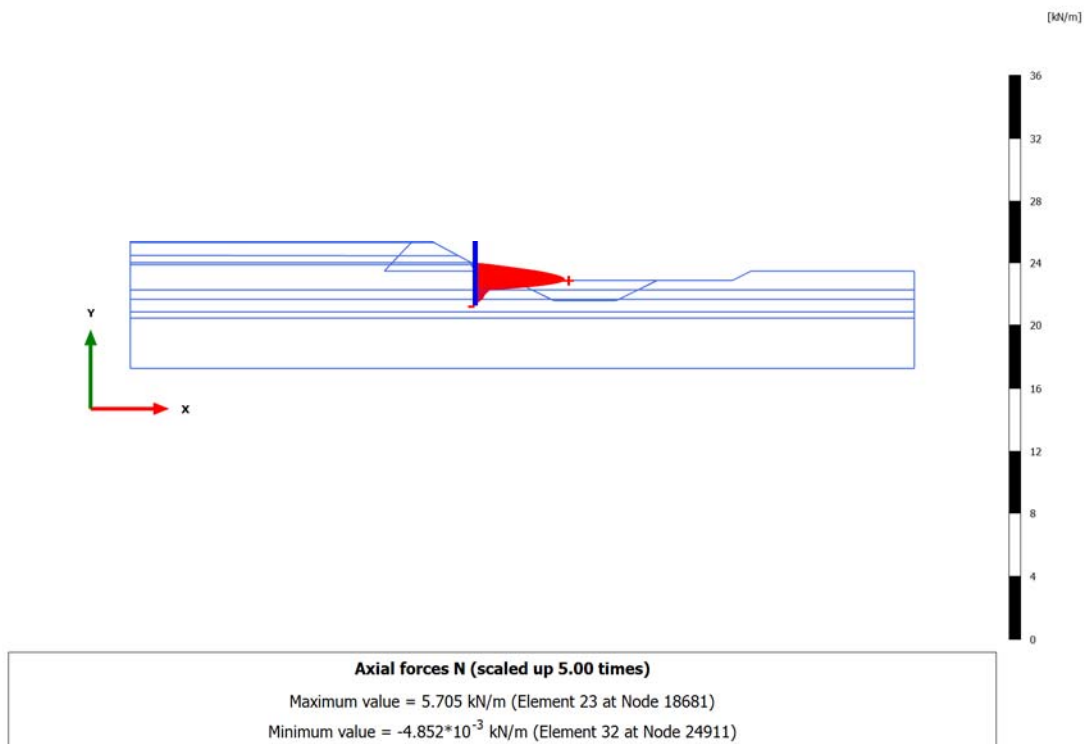
[kN/m]



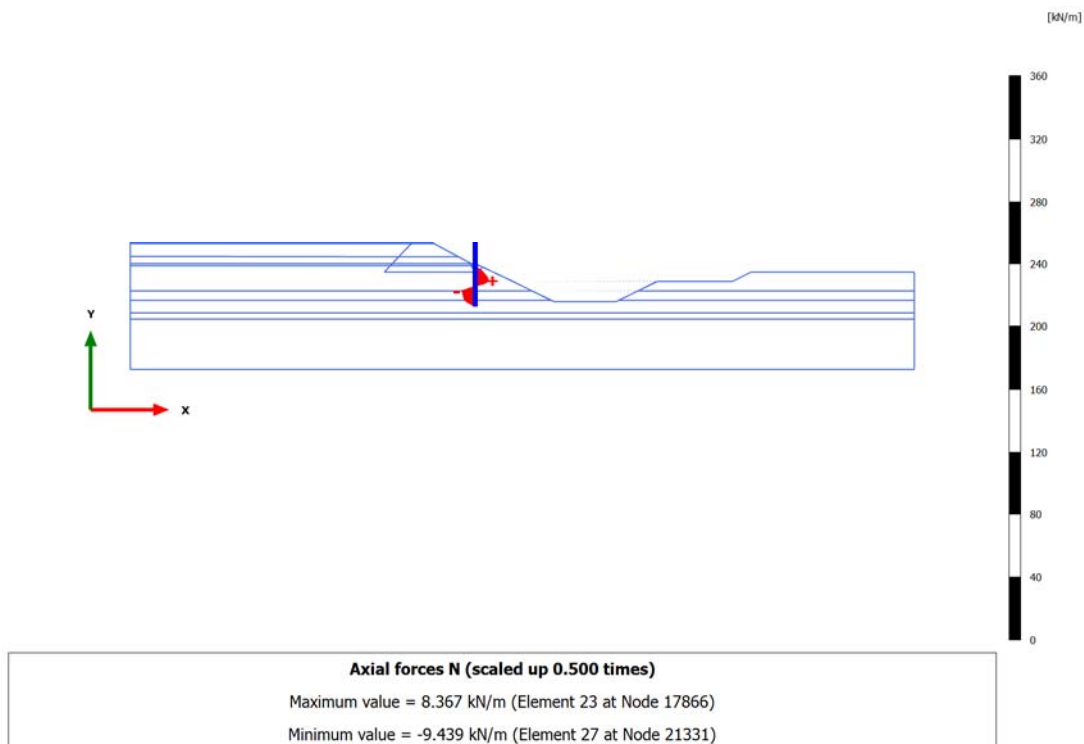
Axial forces N (scaled up 50.0 times)

Maximum value = 0.1586 kN/m (Element 24 at Node 18967)  
Minimum value =  $-0.07058 \cdot 10^{-3}$  kN/m (Element 32 at Node 24911)

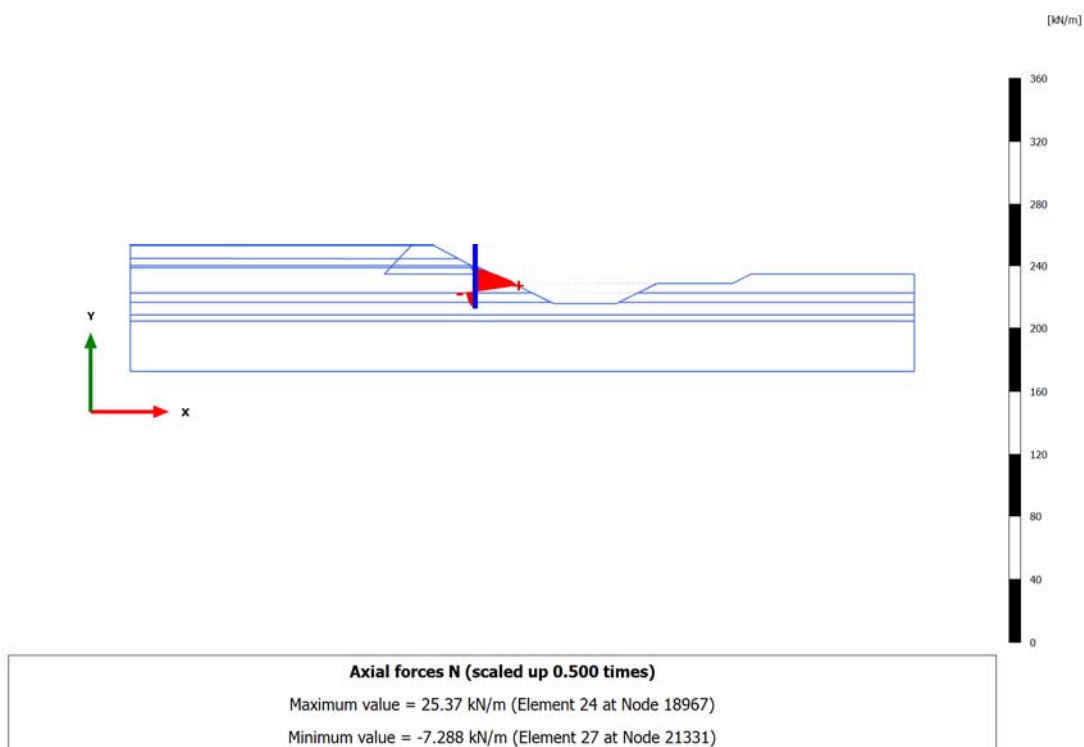
### 3.1.2.1.5 Calculation results, Plate, 1° scavo [Phase\_5] (23/35), Axial forces N



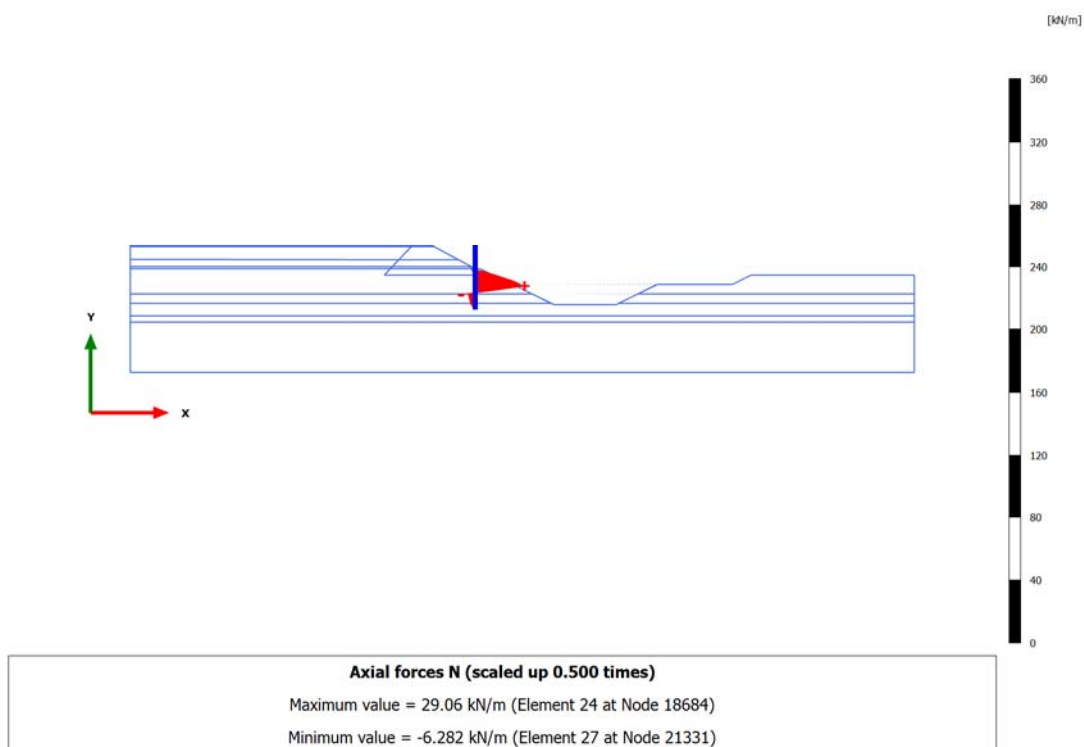
### 3.1.2.1.6 Calculation results, Plate, 2° scavo [Phase\_6] (24/72), Axial forces N



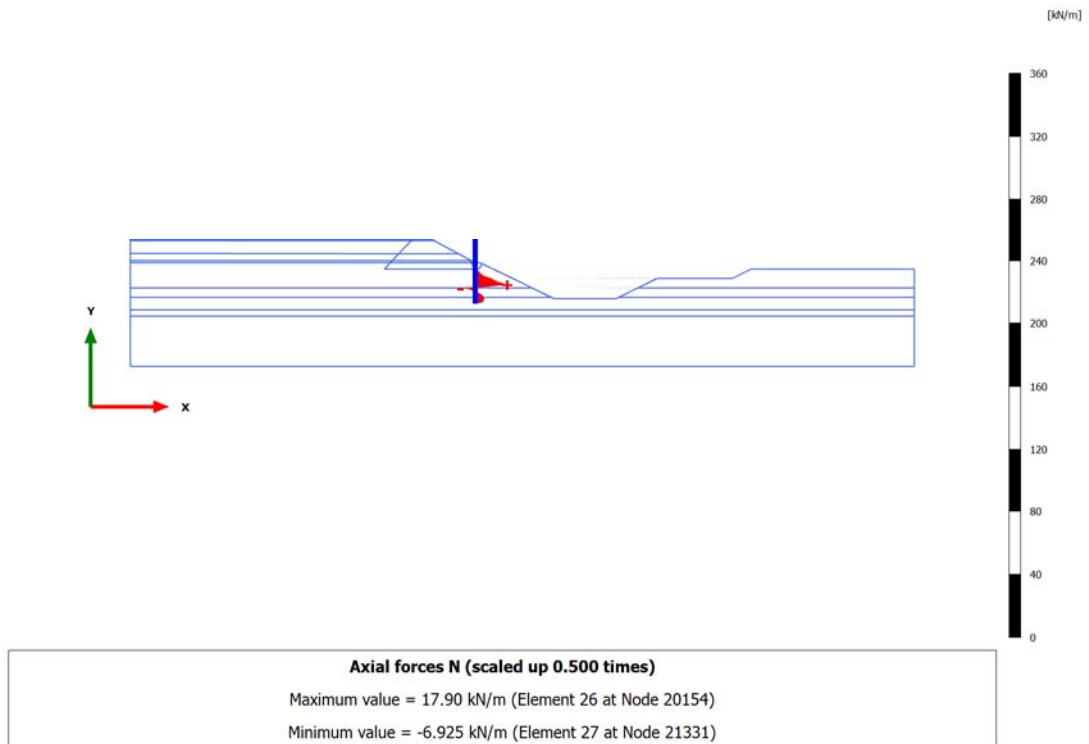
### 3.1.2.1.7 Calculation results, Plate, sovraccarico [Phase\_7] (25/96), Axial forces N



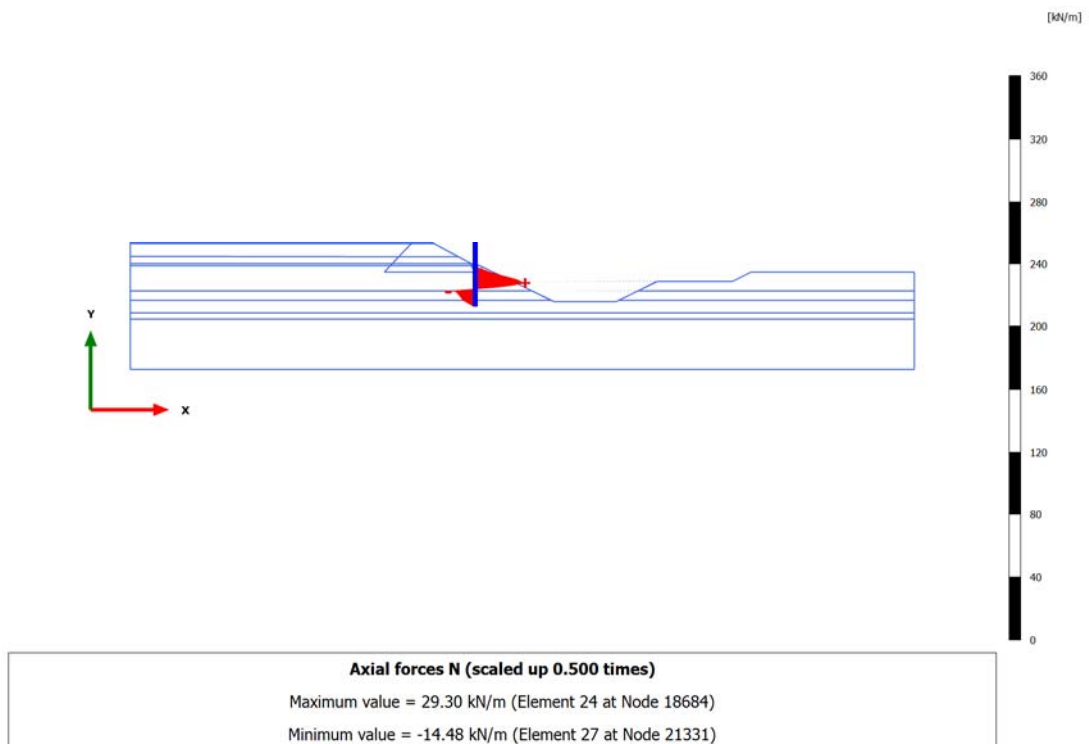
### 3.1.2.1.8 Calculation results, Plate, SLU A1 M1 R1 [Phase\_8] (26/101), Axial forces N



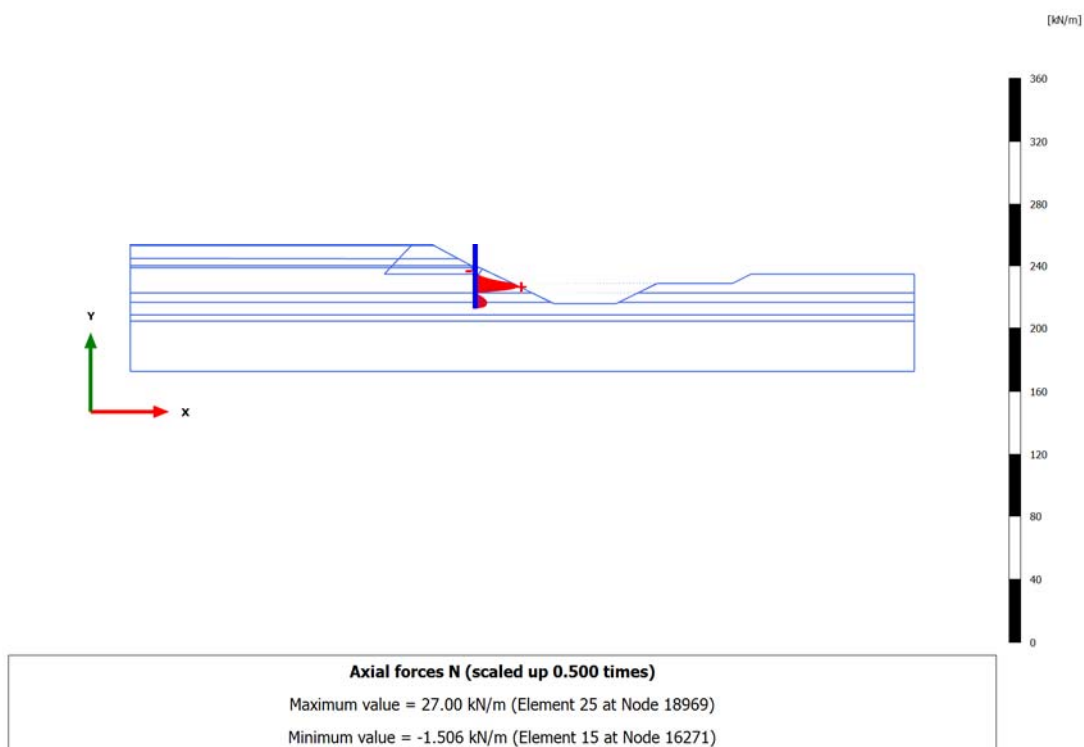
### 3.1.2.1.9 Calculation results, Plate, FS SLU A1 M1 R1 [Phase\_12] (30/301), Axial forces N



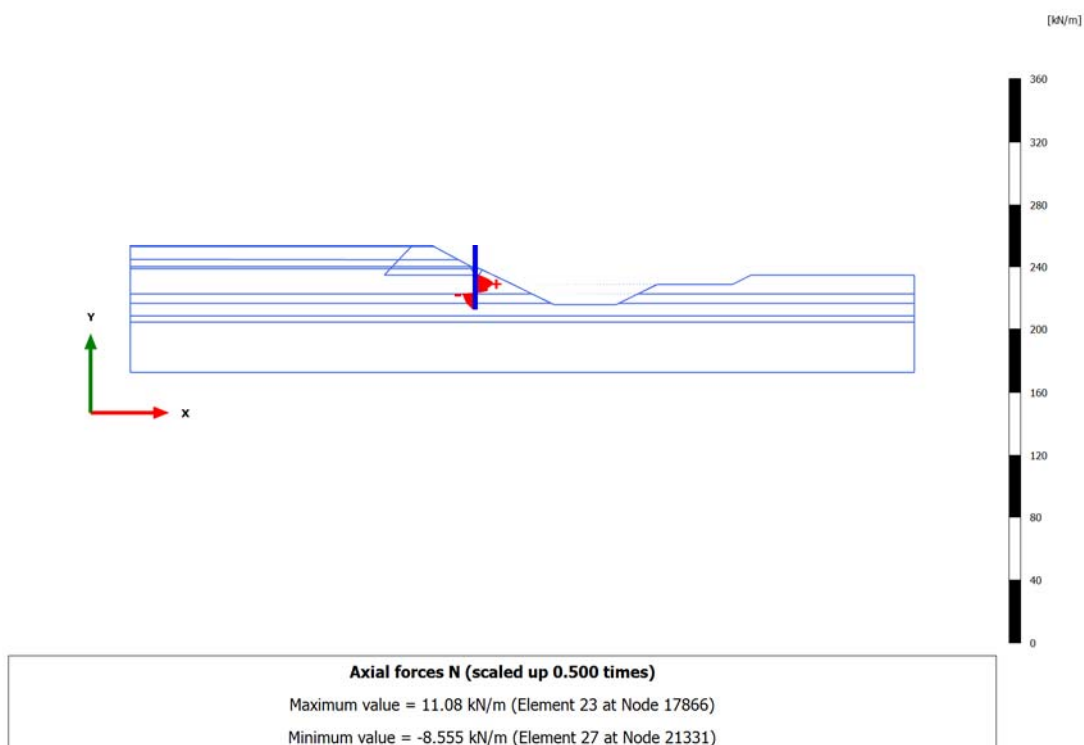
### 3.1.2.1.10 Calculation results, Plate, SLU A2 M2 R2 [Phase\_9] (27/309), Axial forces N



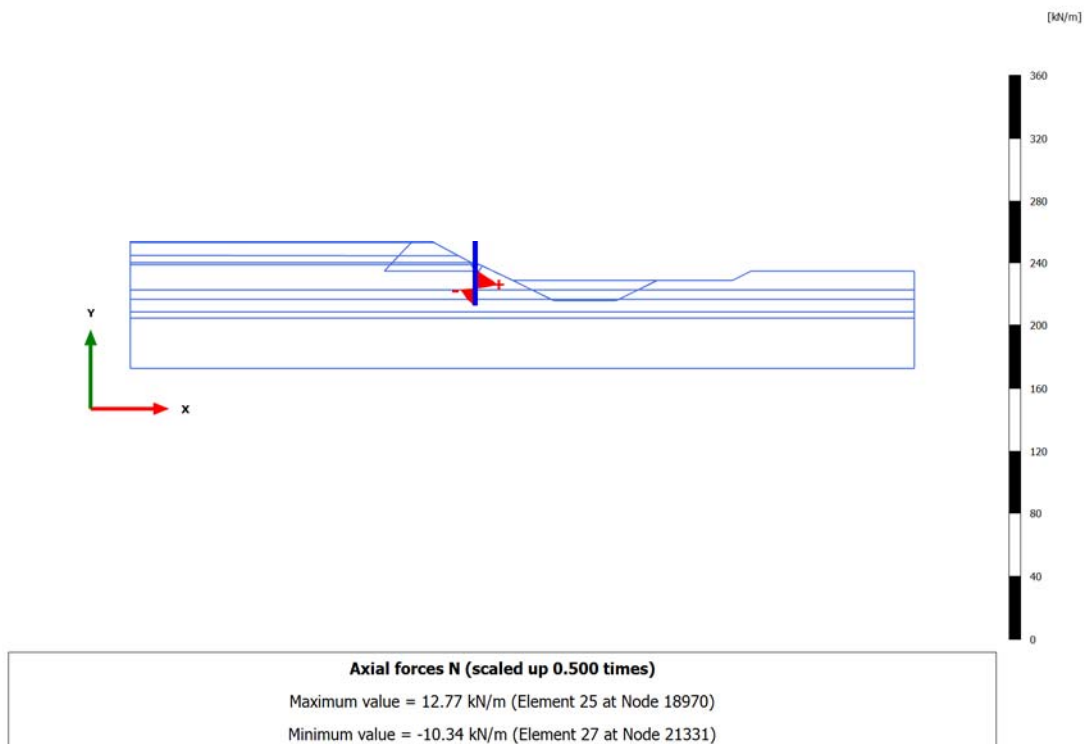
### 3.1.2.1.11 Calculation results, Plate, FS SLU A2 M2 R2 [Phase\_10] (28/409), Axial forces N



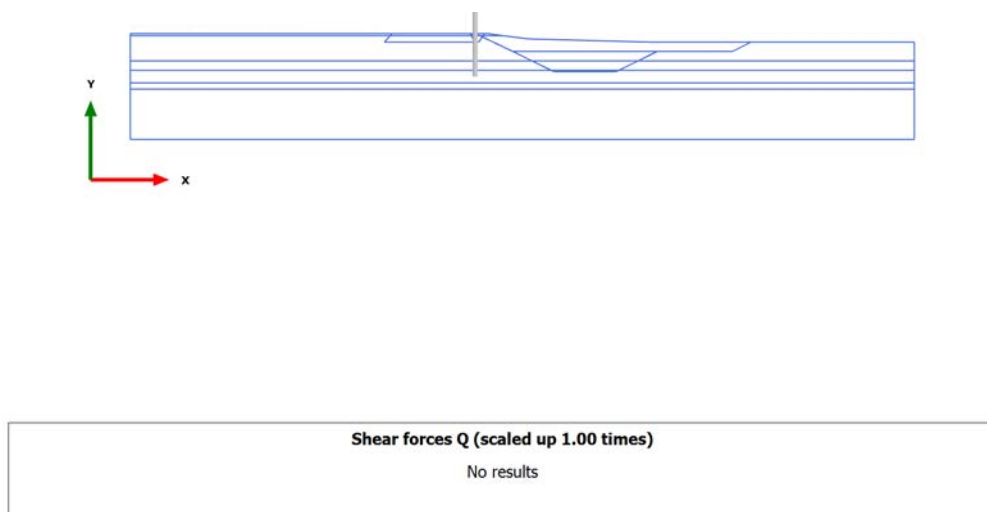
### 3.1.2.1.12 Calculation results, Plate, FS 2° scavo [Phase\_13] (31/509), Axial forces N



### 3.1.2.1.13 Calculation results, Plate, FS 1° scavo [Phase\_11] (29/609), Axial forces N

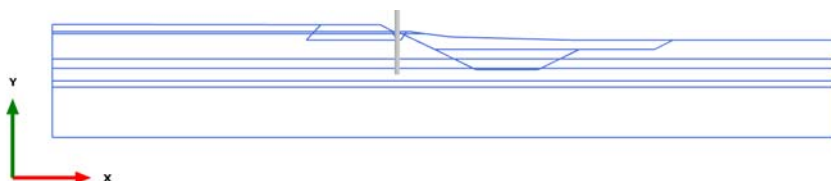


### 3.1.2.2.1 Calculation results, Plate, Initial phase [InitialPhase] (0/0), Shear forces Q





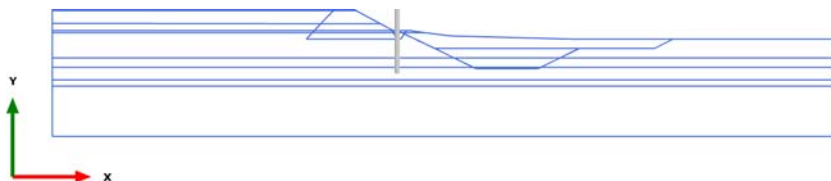
### 3.1.2.2.2 Calculation results, Plate, 1° step coronella+t riporto [Phase\_1] (19/7), Shear forces Q



Shear forces Q (scaled up 1.00 times)

No results

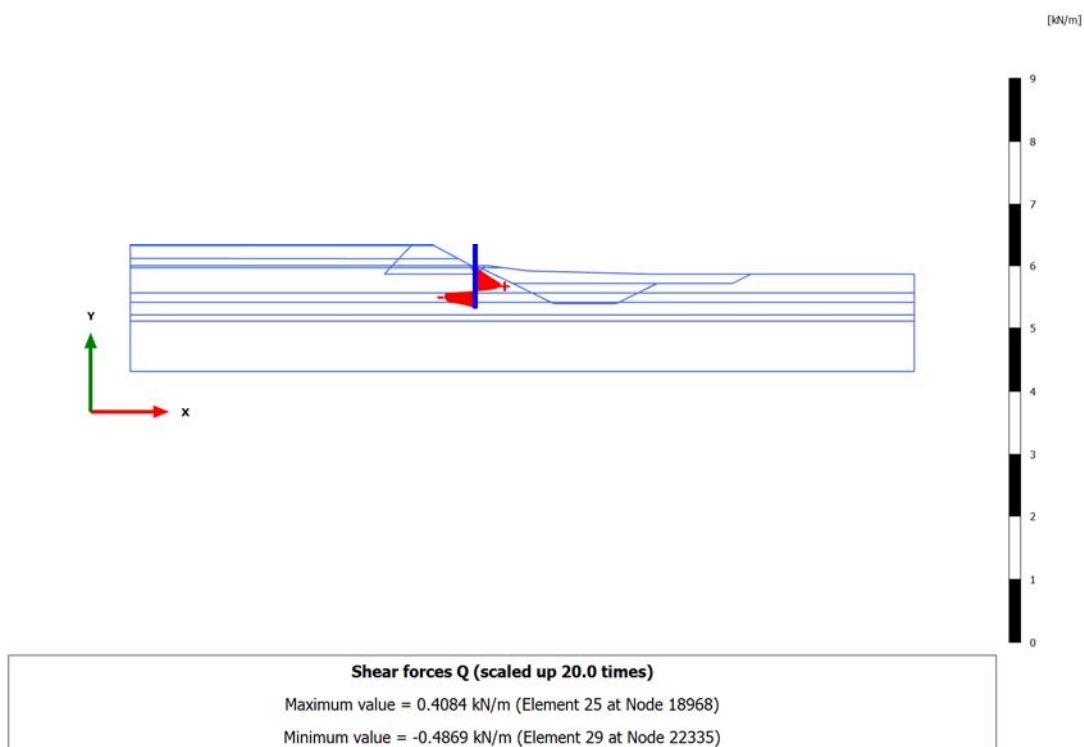
### 3.1.2.2.3 Calculation results, Plate, 2°step coronella+t riporto [Phase\_2] (20/17), Shear forces Q



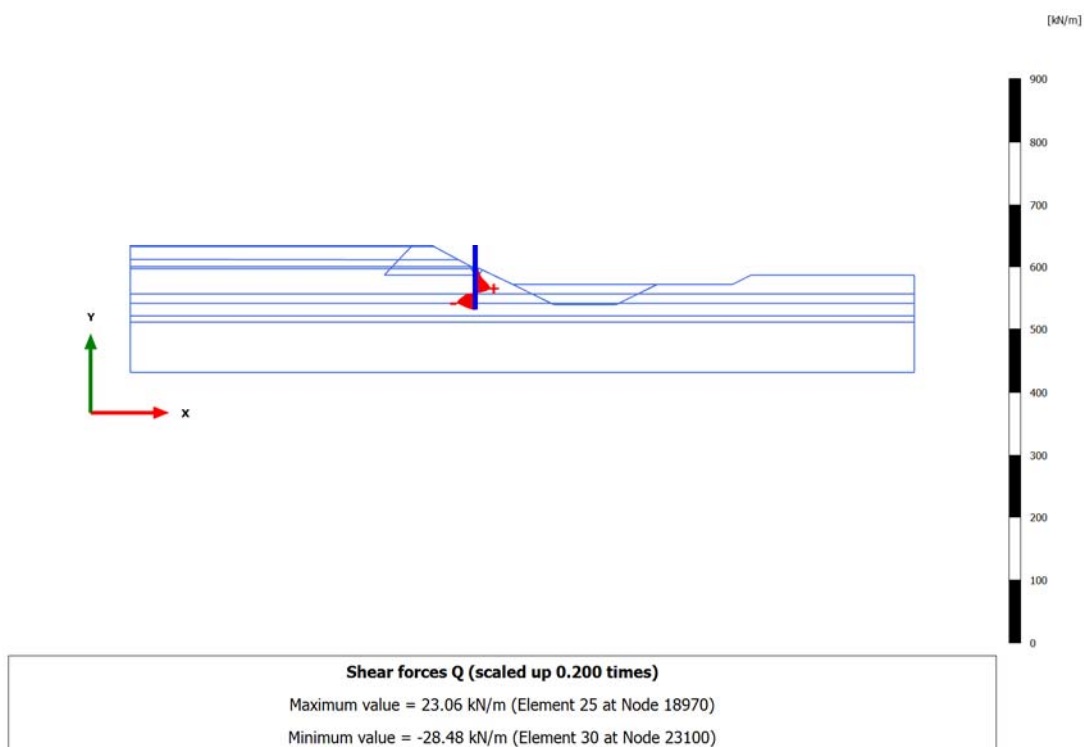
Shear forces Q (scaled up 1.00 times)

No results

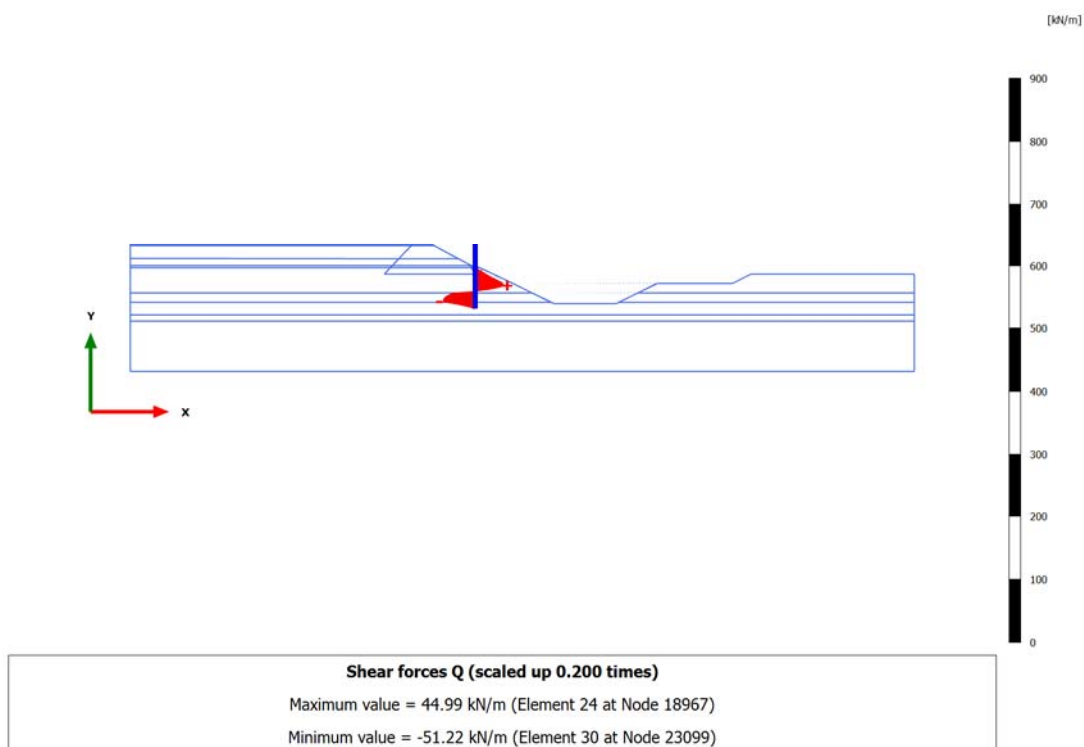
### 3.1.2.2.4 Calculation results, Plate, paratia [Phase\_4] (22/20), Shear forces Q



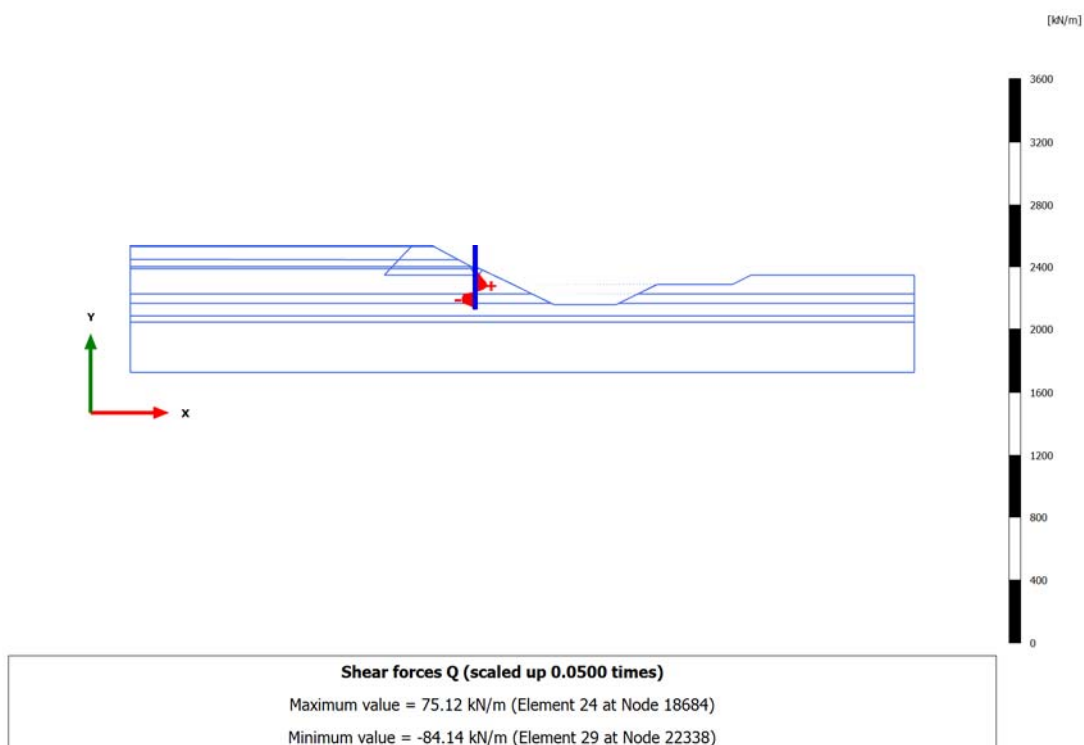
### 3.1.2.2.5 Calculation results, Plate, 1° scavo [Phase\_5] (23/35), Shear forces Q



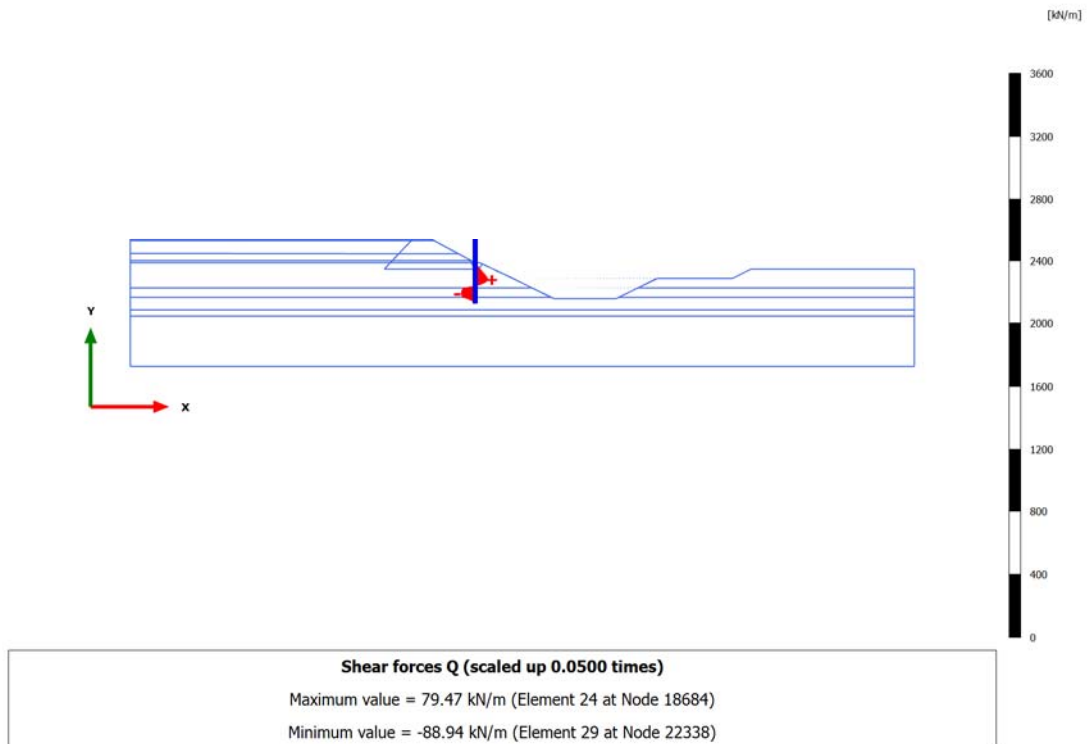
### 3.1.2.2.6 Calculation results, Plate, 2° scavo [Phase\_6] (24/72), Shear forces Q



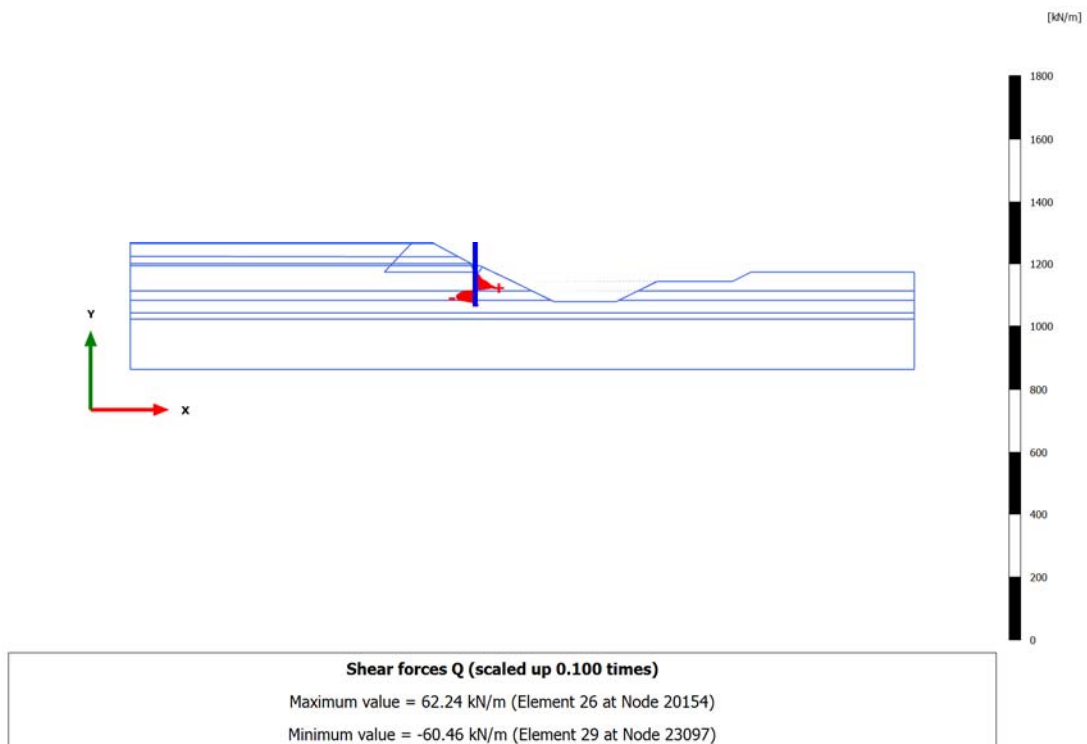
### 3.1.2.2.7 Calculation results, Plate, sovraccarico [Phase\_7] (25/96), Shear forces Q



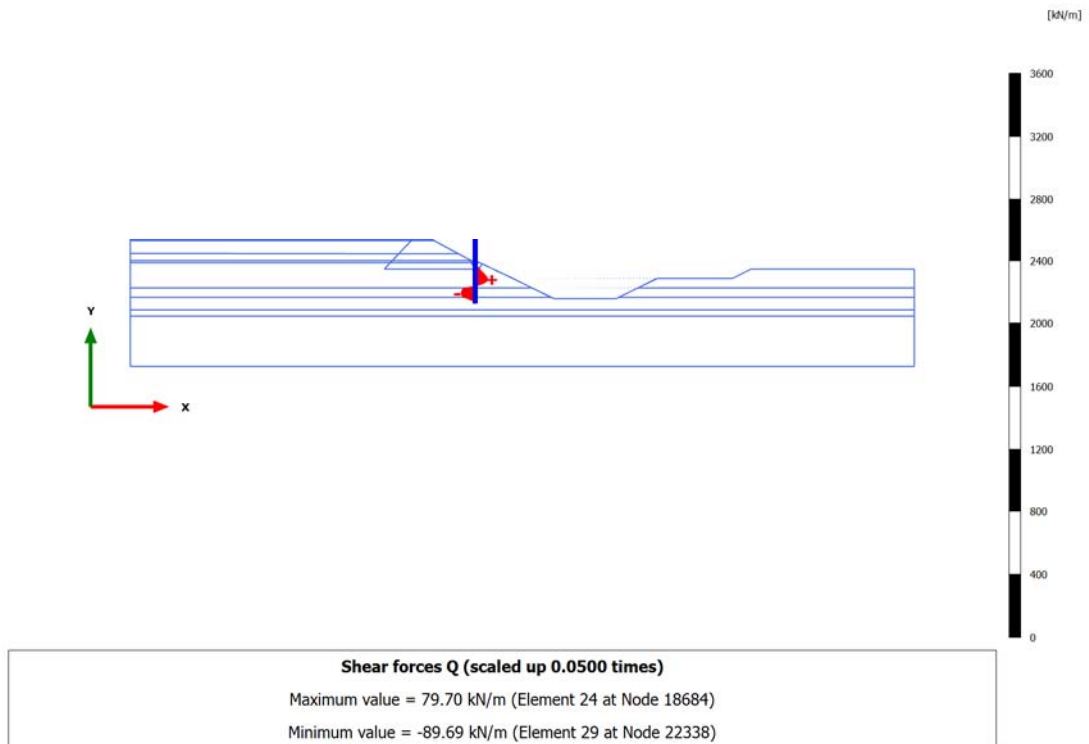
### 3.1.2.2.8 Calculation results, Plate, SLU A1 M1 R1 [Phase\_8] (26/101), Shear forces Q



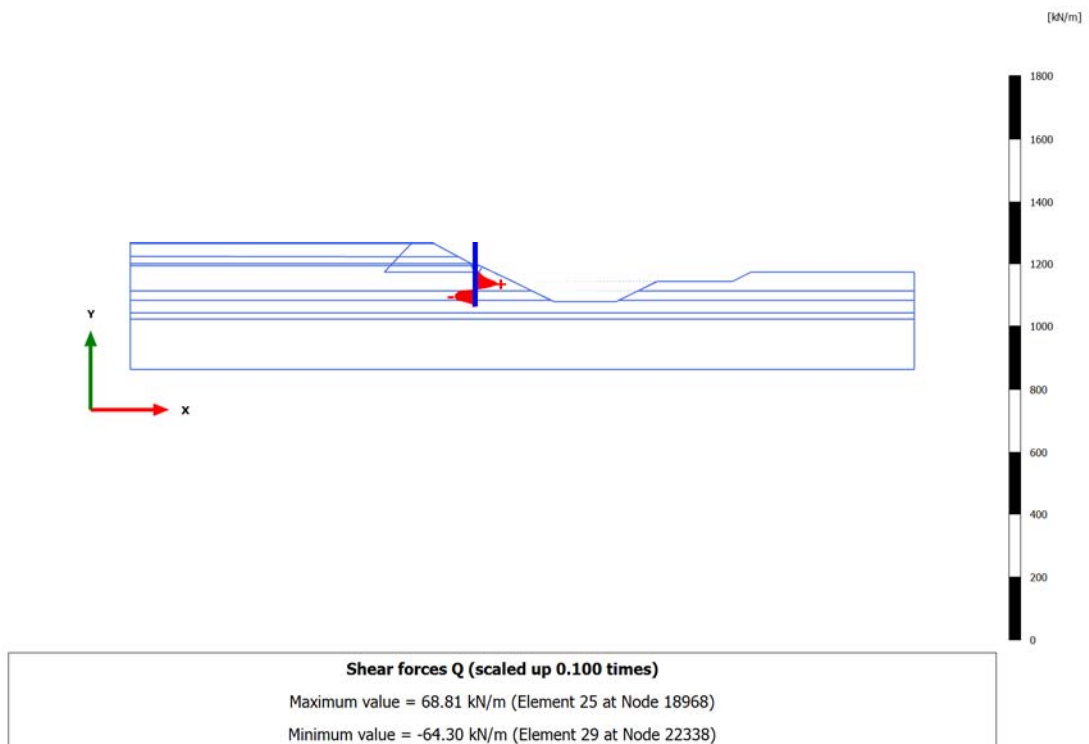
### 3.1.2.2.9 Calculation results, Plate, FS SLU A1 M1 R1 [Phase\_12] (30/301), Shear forces Q



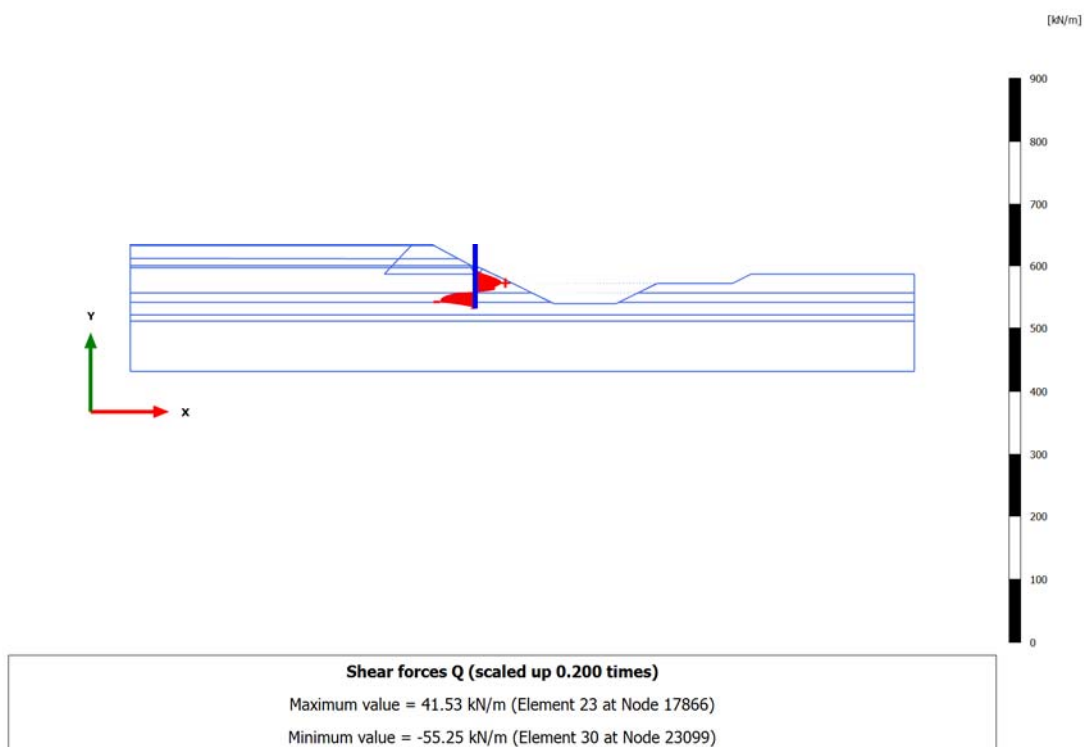
### 3.1.2.2.10 Calculation results, Plate, SLU A2 M2 R2 [Phase\_9] (27/309), Shear forces Q



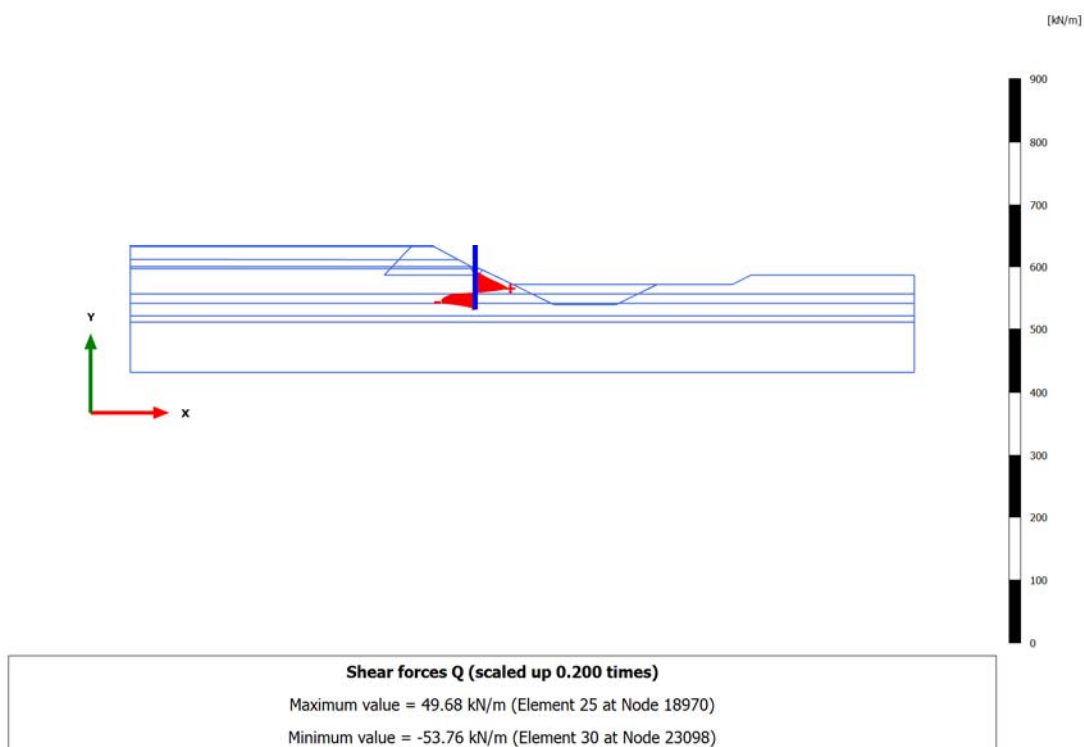
### 3.1.2.2.11 Calculation results, Plate, FS SLU A2 M2 R2 [Phase\_10] (28/409), Shear forces Q



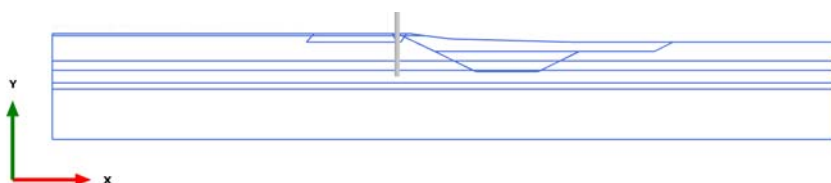
### 3.1.2.2.12 Calculation results, Plate, FS 2° scavo [Phase\_13] (31/509), Shear forces Q



### 3.1.2.2.13 Calculation results, Plate, FS 1° scavo [Phase\_11] (29/609), Shear forces Q



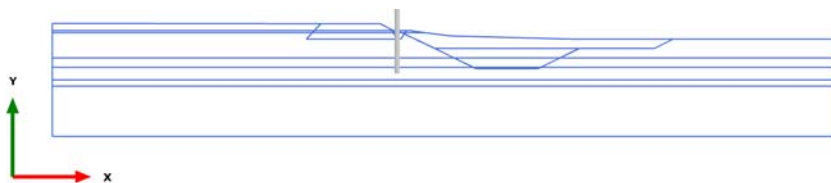
### 3.1.2.3.1 Calculation results, Plate, Initial phase [InitialPhase] (0/0), Bending moments M



Bending moments M (scaled up 1.00 times)

No results

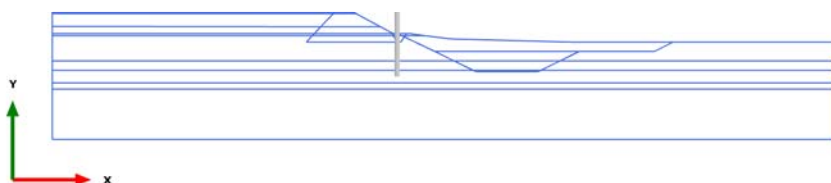
### 3.1.2.3.2 Calculation results, Plate, 1° step coronella+t riporto [Phase\_1] (19/7), Bending moments M



Bending moments M (scaled up 1.00 times)

No results

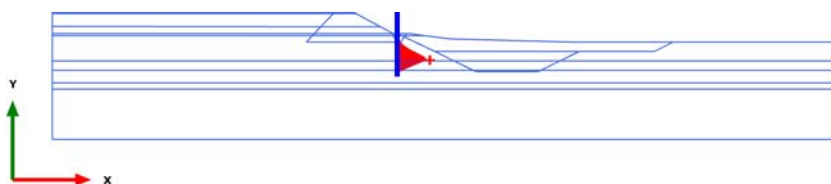
### 3.1.2.3.3 Calculation results, Plate, 2°step coronella+t riporto [Phase\_2] (20/17), Bending moments M



Bending moments M (scaled up 1.00 times)

No results

### 3.1.2.3.4 Calculation results, Plate, paratia [Phase\_4] (22/20), Bending moments M



[kNm/m]

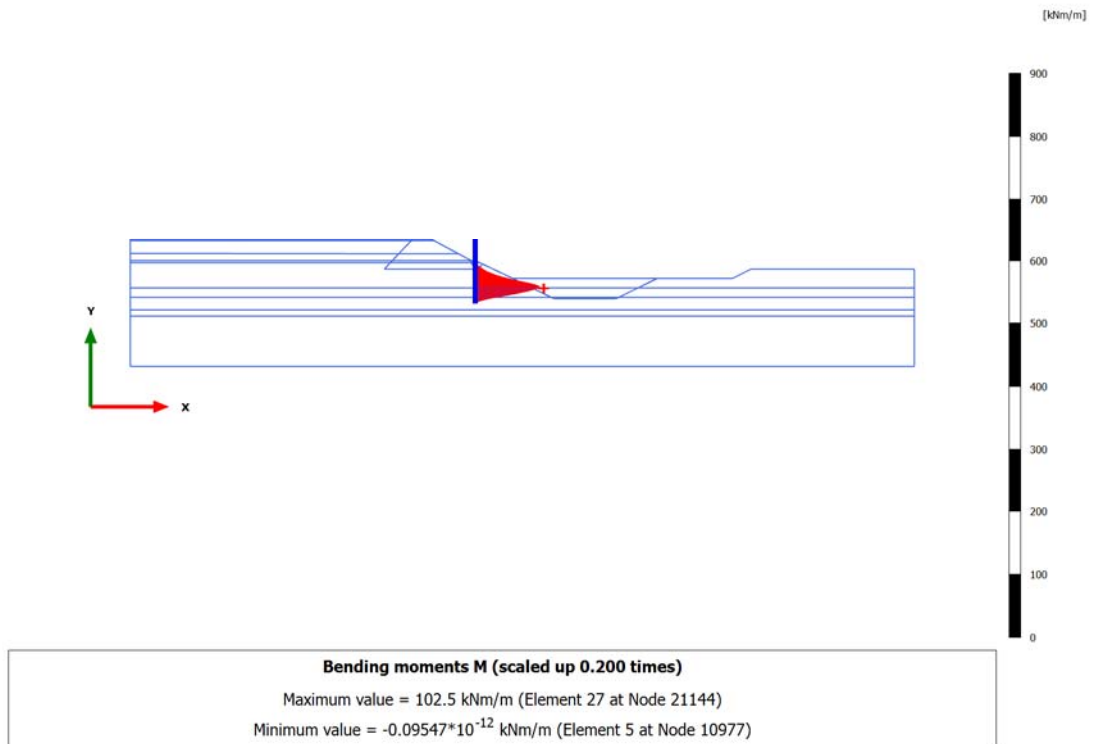


Bending moments M (scaled up 5.00 times)

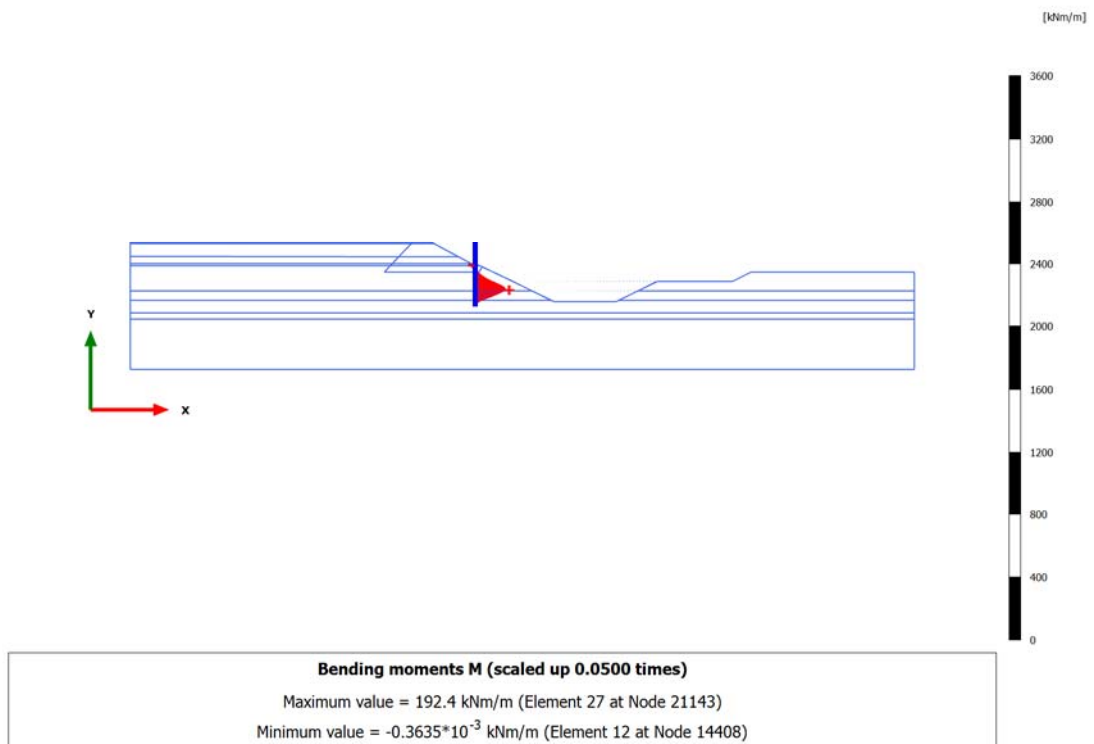
Maximum value = 1.817 kNm/m (Element 27 at Node 21143)  
Minimum value =  $-0.1824 \cdot 10^{-12}$  kNm/m (Element 7 at Node 12762)



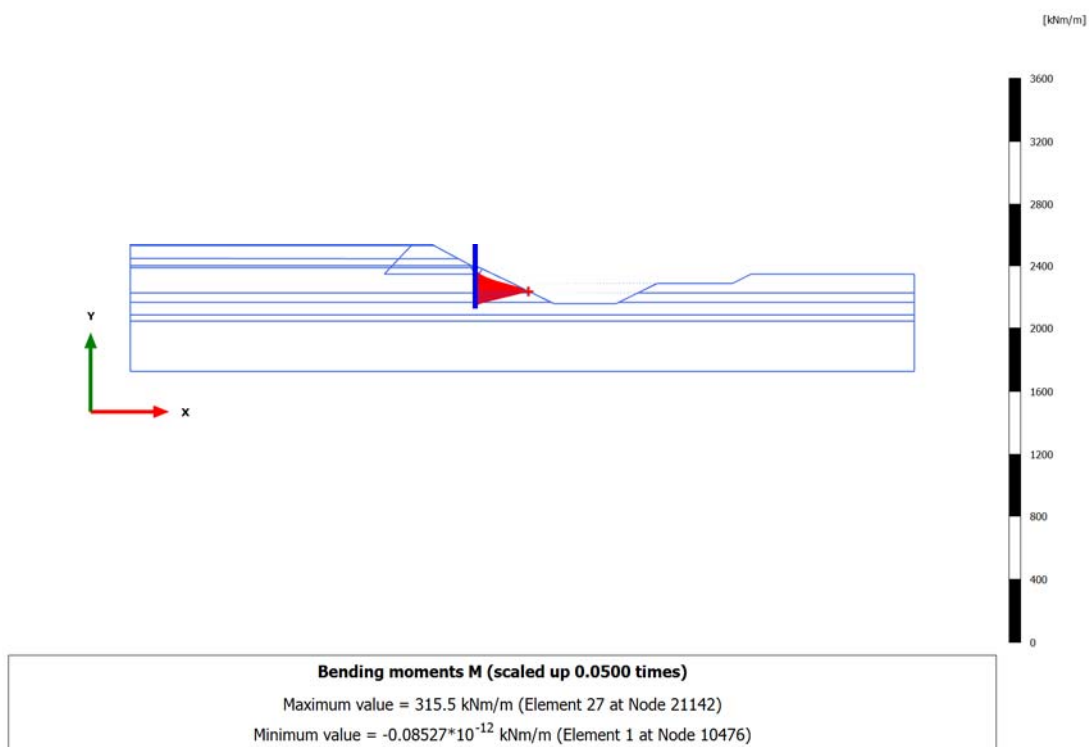
### 3.1.2.3.5 Calculation results, Plate, 1° scavo [Phase\_5] (23/35), Bending moments M



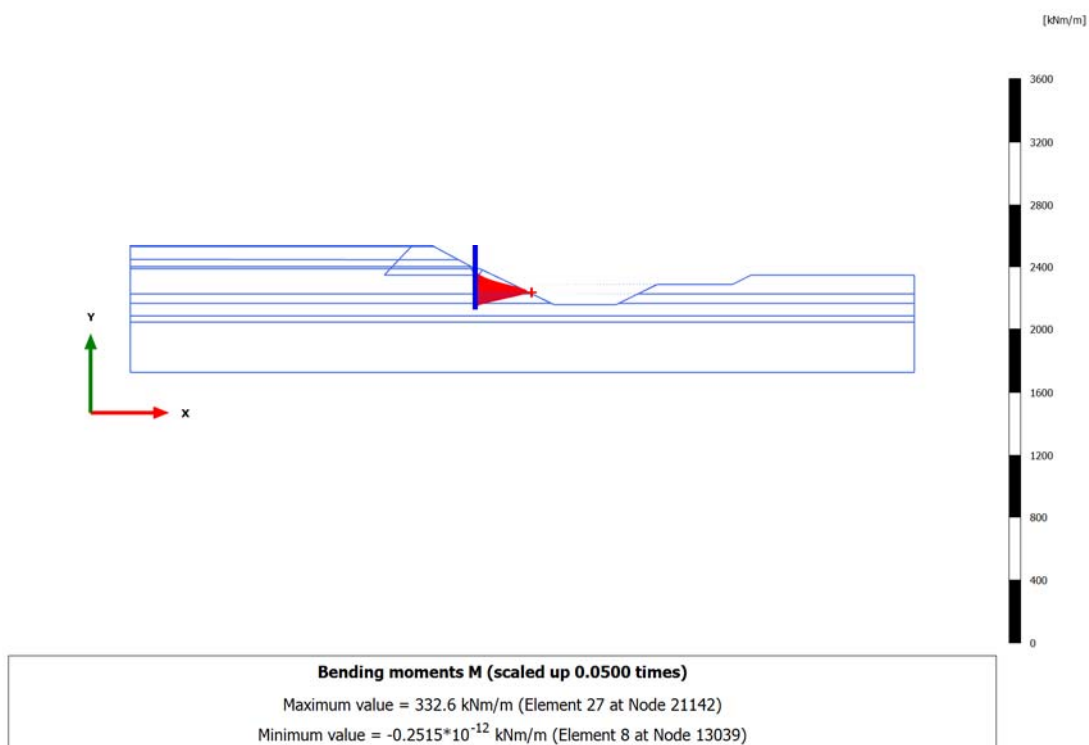
### 3.1.2.3.6 Calculation results, Plate, 2° scavo [Phase\_6] (24/72), Bending moments M



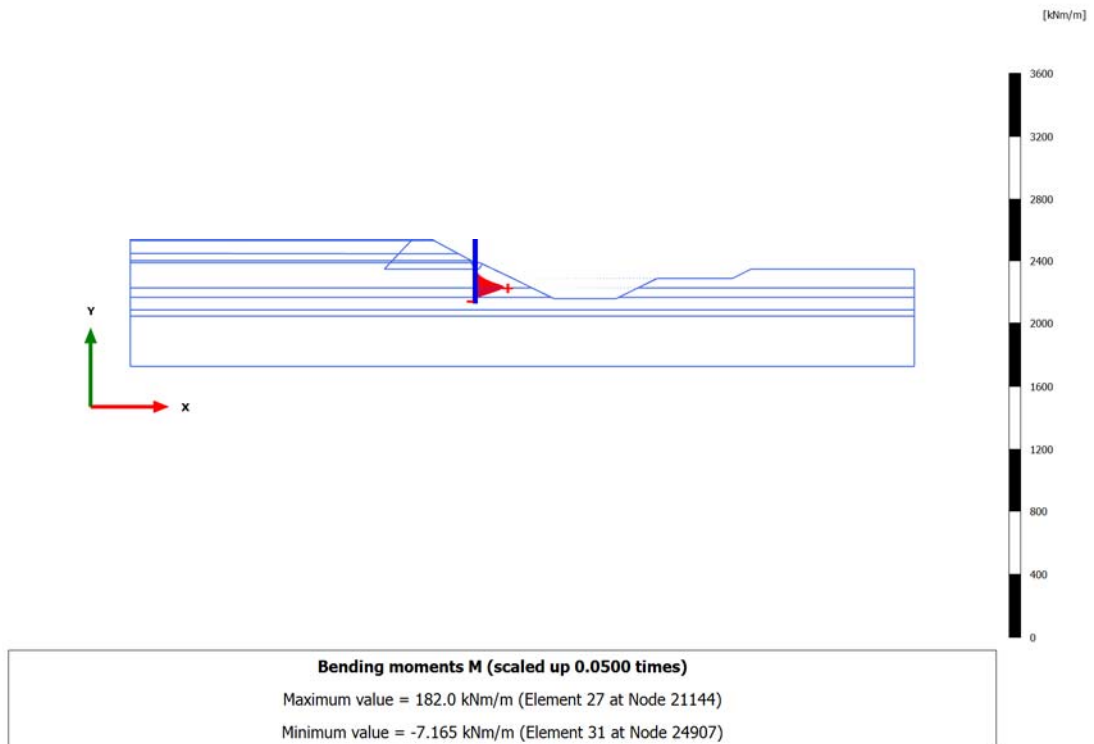
### 3.1.2.3.7 Calculation results, Plate, sovraccarico [Phase\_7] (25/96), Bending moments M



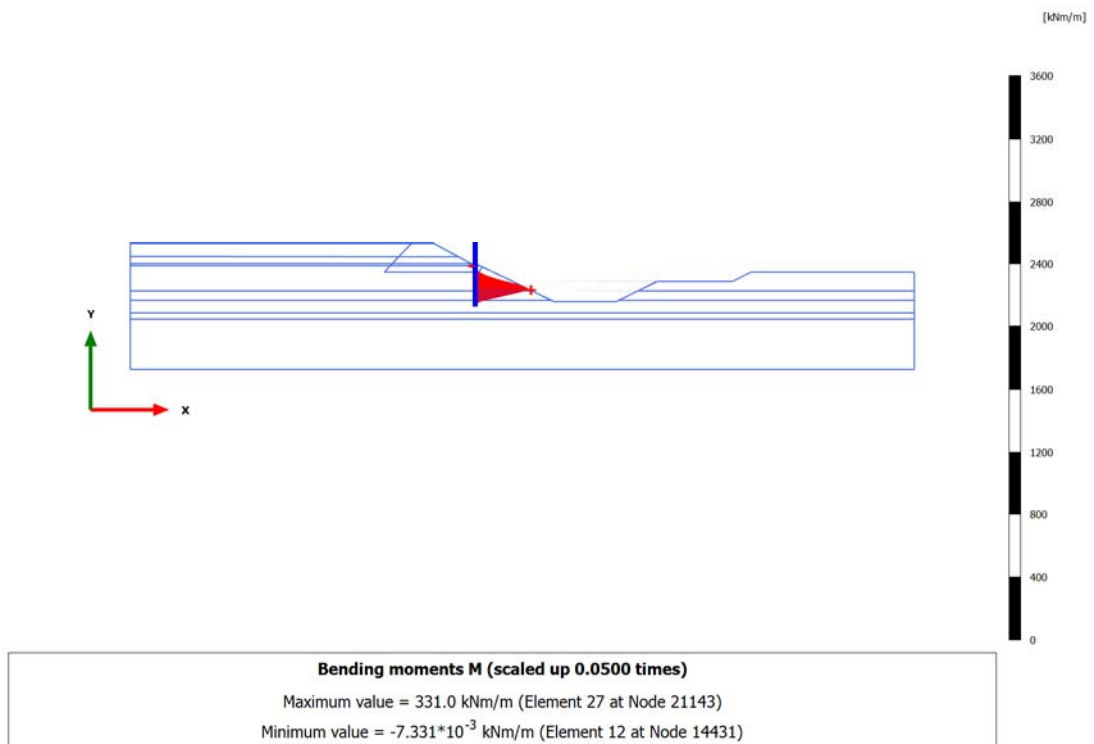
### 3.1.2.3.8 Calculation results, Plate, SLU A1 M1 R1 [Phase\_8] (26/101), Bending moments M



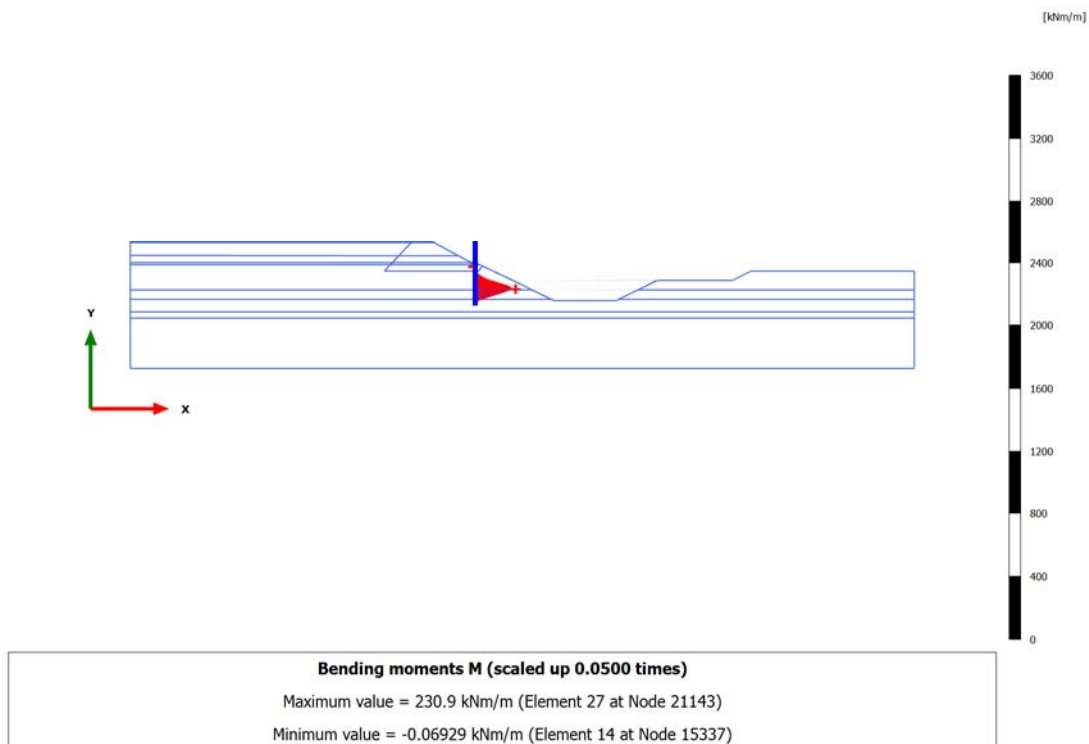
### 3.1.2.3.9 Calculation results, Plate, FS SLU A1 M1 R1 [Phase\_12] (30/301), Bending moments M



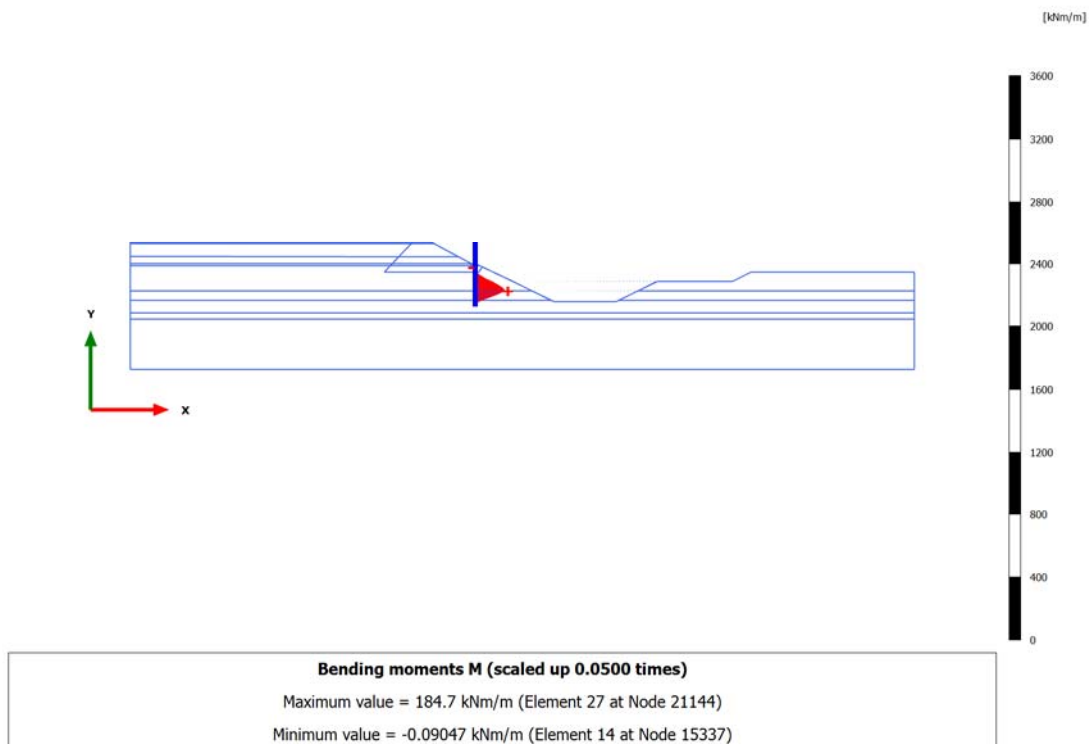
### 3.1.2.3.10 Calculation results, Plate, SLU A2 M2 R2 [Phase\_9] (27/309), Bending moments M



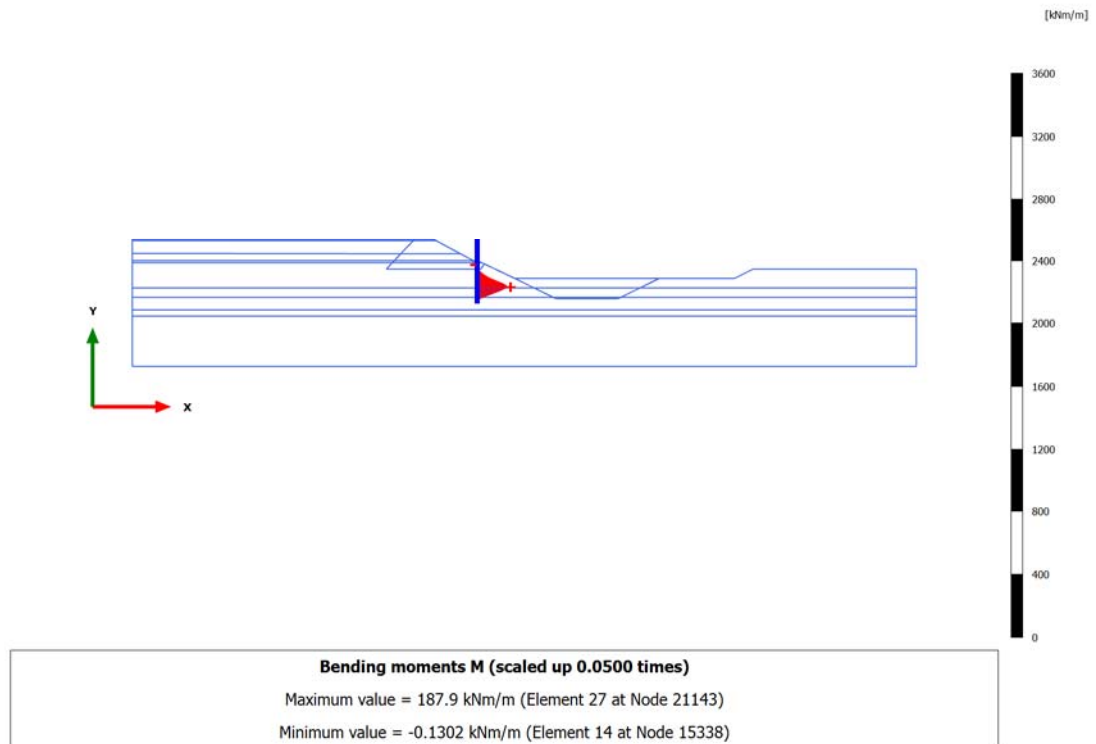
### 3.1.2.3.11 Calculation results, Plate, FS SLU A2 M2 R2 [Phase\_10] (28/409), Bending moments M



### 3.1.2.3.12 Calculation results, Plate, FS 2° scavo [Phase\_13] (31/509), Bending moments M



### 3.1.2.3.13 Calculation results, Plate, FS 1° scavo [Phase\_11] (29/609), Bending moments M





Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [10 <sup>-3</sup> kN/m]	N <sub>min</sub> [10 <sup>-3</sup> kN/m]	N <sub>max</sub> [10 <sup>-3</sup> kN/m]	Q [10 <sup>-3</sup> kN/m]	Q <sub>min</sub> [10 <sup>-3</sup> kN/m]	Q <sub>max</sub> [10 <sup>-3</sup> kN/m]	M [kNm/m]	M <sub>min</sub> [10 <sup>-12</sup> kNm/m]	M <sub>max</sub> [kNm/m]
	11976	4	110.000	-3.231	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-1.756	0.000
	12761	5	110.000	-3.398	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-1.916	0.000
Plate 2-7	12761	1	110.000	-3.398	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-1.908	0.000
(psp 600+pzi 610)	12762	2	110.000	-3.563	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-2.095	0.000
	12763	3	110.000	-3.728	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-2.248	0.000
	12764	4	110.000	-3.893	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-2.418	0.000
	13039	5	110.000	-4.058	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-2.644	0.000
Plate 2-8	13039	1	110.000	-4.058	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-2.628	0.000
(psp 600+pzi 610)	13040	2	110.000	-4.221	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-2.780	0.000
	13041	3	110.000	-4.385	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-2.962	0.000
	13042	4	110.000	-4.548	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-3.146	0.000
	13879	5	110.000	-4.712	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-3.300	0.000
Plate 2-9	13879	1	110.000	-4.712	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-3.301	0.000
(psp 600+pzi 610)	13880	2	110.000	-4.873	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-3.478	0.000
	13881	3	110.000	-5.035	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-3.657	0.000
	13882	4	110.000	-5.197	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-3.831	0.000
	13983	5	110.000	-5.359	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-3.996	0.000
Plate 2-10	13983	1	110.000	-5.359	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-3.995	0.000
(psp 600+pzi 610)	13984	2	110.000	-5.519	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-4.115	0.000
	13985	3	110.000	-5.679	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-4.243	0.000
	13986	4	110.000	-5.840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-4.373	0.000
	14345	5	110.000	-6.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-4.485	0.000
Plate 3-11	14345	1	110.000	-6.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-4.511	0.000
(psp 600+pzi 610)	14346	2	110.000	-6.075	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-4.579	0.000
	14347	3	110.000	-6.150	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-4.601	0.000
	14348	4	110.000	-6.225	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-4.668	0.000
	14407	5	110.000	-6.300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-4.830	0.000
Plate 4-12	14407	1	110.000	-6.300	0.190	0.000	0.349	0.056	0.000	0.107	0.000	-4.825	0.000
(psp 600+pzi 610)	14408	2	110.000	-6.385	3.520	0.000	3.520	4.691	0.000	4.706	0.000	0.000	0.000
	14409	3	110.000	-6.470	6.853	0.000	6.853	9.043	0.000	9.043	0.001	0.000	0.001
	14410	4	110.000	-6.555	10.186	0.000	10.186	13.137	0.000	13.137	0.002	0.000	0.002
	14431	5	110.000	-6.640	13.519	0.000	13.519	16.998	0.000	16.998	0.003	0.000	0.003

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [10 <sup>-3</sup> kN/m]	N <sub>min</sub> [10 <sup>-3</sup> kN/m]	N <sub>max</sub> [10 <sup>-3</sup> kN/m]	Q [10 <sup>-3</sup> kN/m]	Q <sub>min</sub> [10 <sup>-3</sup> kN/m]	Q <sub>max</sub> [10 <sup>-3</sup> kN/m]	M [kNm/m]	M <sub>min</sub> [10 <sup>-12</sup> kNm/m]	M <sub>max</sub> [kNm/m]
Plate 4-13	14431	1	110.000	-6.640	13.520	0.000	13.520	17.059	0.000	17.059	0.003	0.000	0.003
(psp 600+pzi 610)	14432	2	110.000	-6.730	17.036	0.000	17.036	21.096	0.000	21.096	0.005	0.000	0.005
	14433	3	110.000	-6.820	20.551	0.000	20.551	25.154	0.000	25.154	0.007	0.000	0.007
	14434	4	110.000	-6.910	24.060	0.000	24.060	29.238	0.000	29.238	0.009	0.000	0.009
	15335	5	110.000	-7.000	27.563	0.000	27.563	33.354	0.000	33.354	0.012	0.000	0.012
Plate 5-14	15335	1	110.000	-7.000	27.564	0.000	27.564	33.371	0.000	33.371	0.012	0.000	0.012
(psp 600+pzi 610)	15336	2	110.000	-7.097	31.237	0.000	31.237	38.612	0.000	38.612	0.016	0.000	0.016
	15337	3	110.000	-7.193	34.904	0.000	34.904	43.901	0.000	43.901	0.020	0.000	0.020
	15338	4	110.000	-7.290	38.561	0.000	38.561	49.242	0.000	49.242	0.024	0.000	0.024
	15577	5	110.000	-7.387	42.204	0.000	42.204	54.636	0.000	54.636	0.029	0.000	0.029
Plate 5-15	15577	1	110.000	-7.387	42.204	0.000	42.204	54.652	0.000	54.652	0.029	0.000	0.029
(psp 600+pzi 610)	15578	2	110.000	-7.485	45.892	0.000	45.892	60.240	0.000	60.240	0.035	0.000	0.035
	15579	3	110.000	-7.583	49.562	0.000	49.562	65.950	0.000	65.950	0.041	0.000	0.041
	15580	4	110.000	-7.682	53.211	0.000	53.211	71.781	0.000	71.781	0.048	0.000	0.048
	16271	5	110.000	-7.780	56.836	0.000	56.836	77.731	0.000	77.731	0.055	0.000	0.055
Plate 5-16	16271	1	110.000	-7.780	56.836	0.000	56.836	77.740	0.000	77.740	0.055	0.000	0.055
(psp 600+pzi 610)	16272	2	110.000	-7.880	60.496	0.000	60.496	83.935	0.000	83.935	0.063	0.000	0.063
	16273	3	110.000	-7.980	64.128	0.000	64.128	90.288	0.000	90.288	0.072	0.000	0.072
	16274	4	110.000	-8.080	67.730	0.000	67.730	96.798	0.000	96.798	0.081	0.000	0.081
	16681	5	110.000	-8.180	71.299	0.000	71.299	103.462	0.000	103.462	0.091	0.000	0.091
Plate 5-17	16681	1	110.000	-8.180	71.299	0.000	71.299	103.469	0.000	103.469	0.091	0.000	0.091
(psp 600+pzi 610)	16682	2	110.000	-8.281	74.892	0.000	74.892	110.417	0.000	110.417	0.102	0.000	0.102
	16683	3	110.000	-8.383	78.449	0.000	78.449	117.550	0.000	117.550	0.114	0.000	0.114
	16684	4	110.000	-8.485	81.966	0.000	81.966	124.862	0.000	124.862	0.126	0.000	0.126
	16722	5	110.000	-8.586	85.440	0.000	85.440	132.350	0.000	132.350	0.139	0.000	0.139
Plate 5-18	16722	1	110.000	-8.586	85.440	0.000	85.440	132.352	0.000	132.352	0.139	0.000	0.139
(psp 600+pzi 610)	16724	2	110.000	-8.690	88.928	0.000	88.928	140.157	0.000	140.157	0.153	0.000	0.153
	16725	3	110.000	-8.793	92.371	0.000	92.371	148.149	0.000	148.149	0.168	0.000	0.168
	16726	4	110.000	-8.897	95.764	0.000	95.764	156.318	0.000	156.318	0.184	0.000	0.184
	16723	5	110.000	-9.000	99.106	0.000	99.106	164.656	0.000	164.656	0.200	0.000	0.200
Plate 6-19	16723	1	110.000	-9.000	99.106	0.000	99.106	164.678	0.000	164.678	0.200	0.000	0.200
(psp 600+pzi 610)	16704	2	110.000	-9.110	102.588	0.000	102.588	171.853	0.000	171.853	0.219	0.000	0.219



Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [10 <sup>-3</sup> kN/m]	N <sub>min</sub> [10 <sup>-3</sup> kN/m]	N <sub>max</sub> [10 <sup>-3</sup> kN/m]	Q [10 <sup>-3</sup> kN/m]	Q <sub>min</sub> [10 <sup>-3</sup> kN/m]	Q <sub>max</sub> [10 <sup>-3</sup> kN/m]	M [kNm/m]	M <sub>min</sub> [10 <sup>-12</sup> kNm/m]	M <sub>max</sub> [kNm/m]
	16705	3	110.000	-9.220	105.990	0.000	105.990	179.206	0.000	179.206	0.238	0.000	0.238
	16706	4	110.000	-9.330	109.307	0.000	109.307	186.736	0.000	186.736	0.258	0.000	0.258
	16801	5	110.000	-9.440	112.538	0.000	112.538	194.442	0.000	194.442	0.279	0.000	0.279
Plate 6-20	16801	1	110.000	-9.440	112.538	0.000	112.538	194.447	0.000	194.447	0.279	0.000	0.279
(psp 600+pzl 610)	16802	2	110.000	-9.561	115.993	0.000	115.993	203.162	0.000	203.162	0.303	0.000	0.303
	16803	3	110.000	-9.682	119.338	0.000	119.338	212.107	0.000	212.107	0.328	0.000	0.328
	16804	4	110.000	-9.803	122.570	0.000	122.570	221.274	0.000	221.274	0.355	0.000	0.355
	16831	5	110.000	-9.924	125.686	0.000	125.686	230.653	0.000	230.653	0.382	0.000	0.382
Plate 6-21	16831	1	110.000	-9.924	125.684	0.000	125.684	230.641	0.000	230.641	0.382	0.000	0.382
(psp 600+pzl 610)	16832	2	110.000	-10.058	128.977	0.000	128.977	241.203	0.000	241.203	0.413	0.000	0.413
	16833	3	110.000	-10.191	132.119	0.000	132.119	251.962	0.000	251.962	0.446	0.000	0.446
	16834	4	110.000	-10.324	135.108	0.000	135.108	262.903	0.000	262.903	0.481	0.000	0.481
	16849	5	110.000	-10.458	137.940	0.000	137.940	274.010	0.000	274.010	0.516	0.000	0.516
Plate 6-22	16849	1	110.000	-10.458	137.937	0.000	137.937	273.970	0.000	273.970	0.516	0.000	0.516
(psp 600+pzl 610)	16850	2	110.000	-10.604	140.869	0.000	140.869	286.337	0.000	286.337	0.558	0.000	0.558
	16851	3	110.000	-10.751	143.596	-0.020	143.596	298.712	0.000	298.712	0.601	0.000	0.601
	16852	4	110.000	-10.898	146.115	-0.266	146.115	311.066	0.000	311.066	0.645	0.000	0.645
	17863	5	110.000	-11.045	148.423	-0.509	148.423	323.369	0.000	323.369	0.692	0.000	0.692
Plate 6-23	17863	1	110.000	-11.045	148.419	-0.509	148.419	323.266	0.000	323.266	0.692	0.000	0.692
(psp 600+pzl 610)	17864	2	110.000	-11.206	150.708	-0.771	150.708	336.607	0.000	336.607	0.745	0.000	0.745
	17865	3	110.000	-11.368	152.719	-1.027	152.719	349.395	0.000	349.395	0.801	0.000	0.801
	17866	4	110.000	-11.530	154.448	-1.277	154.448	361.572	0.000	361.572	0.858	0.000	0.858
	18681	5	110.000	-11.691	155.893	-1.520	155.893	373.082	0.000	373.082	0.918	0.000	0.918
Plate 6-24	18681	1	110.000	-11.691	155.885	-1.520	155.885	372.836	0.000	372.836	0.918	0.000	0.918
(psp 600+pzl 610)	18682	2	110.000	-11.869	157.133	-1.779	157.133	384.375	0.000	384.375	0.985	0.000	0.985
	18683	3	110.000	-12.047	158.001	-2.027	158.001	393.937	0.000	393.937	1.054	0.000	1.054
	18684	4	110.000	-12.225	158.485	-2.266	158.485	401.401	0.000	401.401	1.125	0.000	1.125
	18967	5	110.000	-12.403	158.582	-2.493	158.582	406.647	0.000	406.647	1.197	0.000	1.197
Plate 6-25	18967	1	110.000	-12.403	158.570	-2.492	158.570	406.074	0.000	406.074	1.197	0.000	1.197
(psp 600+pzl 610)	18968	2	110.000	-12.599	158.209	-2.729	158.209	408.434	0.000	408.434	1.277	0.000	1.277
	18969	3	110.000	-12.795	157.323	-2.951	157.323	405.369	0.000	405.369	1.357	0.000	1.357
	18970	4	110.000	-12.991	155.907	-3.156	155.907	396.602	0.000	396.602	1.435	0.000	1.435

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [10 <sup>-3</sup> kN/m]	N <sub>min</sub> [10 <sup>-3</sup> kN/m]	N <sub>max</sub> [10 <sup>-3</sup> kN/m]	Q [10 <sup>-3</sup> kN/m]	Q <sub>min</sub> [10 <sup>-3</sup> kN/m]	Q <sub>max</sub> [10 <sup>-3</sup> kN/m]	M [kNm/m]	M <sub>min</sub> [10 <sup>-12</sup> kNm/m]	M <sub>max</sub> [kNm/m]
	20151	5	110.000	-13.187	153.960	-3.346	153.960	381.858	0.000	381.858	1.512	0.000	1.512
Plate 6-26	20151	1	110.000	-13.187	153.938	-3.346	153.938	380.456	0.000	380.456	1.512	0.000	1.512
(psp 600+pzi 610)	20152	2	110.000	-13.403	151.144	-3.536	151.144	355.367	0.000	355.367	1.591	0.000	1.591
	20153	3	110.000	-13.618	147.608	-3.704	147.608	316.357	0.000	316.357	1.664	0.000	1.664
	20154	4	110.000	-13.834	143.324	-3.850	143.324	262.742	0.000	262.742	1.727	0.000	1.727
	21141	5	110.000	-14.050	138.290	-3.974	138.290	193.838	0.000	193.838	1.776	0.000	1.776
Plate 6-27	21141	1	110.000	-14.050	138.232	-3.971	138.232	189.484	0.000	189.484	1.776	0.000	1.776
(psp 600+pzi 610)	21142	2	110.000	-14.287	131.774	-4.082	131.774	91.829	0.000	91.829	1.810	0.000	1.810
	21143	3	110.000	-14.525	124.158	-4.154	124.158	-43.879	-43.879	2.820	1.817	0.000	1.817
	21144	4	110.000	-14.762	115.359	-4.184	115.359	-219.537	-219.537	0.000	1.786	0.000	1.786
	21331	5	110.000	-15.000	105.351	-4.170	105.351	-437.041	-437.041	0.000	1.709	0.000	1.709
Plate 7-28	21331	1	110.000	-15.000	105.160	-4.163	105.160	-449.504	-449.504	0.000	1.709	0.000	1.709
(psp 600+pzi 610)	21332	2	110.000	-15.250	104.336	-4.166	104.336	-468.269	-468.269	0.000	1.594	0.000	1.594
	21333	3	110.000	-15.500	103.232	-4.179	103.232	-479.815	-479.815	0.000	1.476	0.000	1.476
	21334	4	110.000	-15.750	101.866	-4.205	101.866	-485.268	-485.268	0.000	1.355	0.000	1.355
	22335	5	110.000	-16.000	100.259	-4.243	100.259	-485.750	-485.750	0.000	1.234	0.000	1.234
Plate 7-29	22335	1	110.000	-16.000	100.285	-4.241	100.285	-486.888	-486.888	0.000	1.234	0.000	1.234
(psp 600+pzi 610)	22336	2	110.000	-16.250	98.511	-4.291	98.511	-486.453	-486.453	0.000	1.112	0.000	1.112
	22337	3	110.000	-16.500	96.561	-4.344	96.561	-483.875	-483.875	0.000	0.990	0.000	0.990
	22338	4	110.000	-16.750	94.441	-4.398	94.441	-479.068	-479.068	0.000	0.870	0.000	0.870
	23097	5	110.000	-17.000	92.158	-4.451	92.158	-471.943	-471.943	0.000	0.751	0.000	0.751
Plate 7-30	23097	1	110.000	-17.000	92.178	-4.446	92.178	-471.489	-471.489	0.000	0.751	0.000	0.751
(psp 600+pzi 610)	23098	2	110.000	-17.250	89.748	-4.496	89.748	-461.907	-461.907	0.000	0.634	0.000	0.634
	23099	3	110.000	-17.500	87.229	-4.527	87.229	-448.297	-448.297	0.000	0.520	0.000	0.520
	23100	4	110.000	-17.750	84.629	-4.536	84.629	-430.350	-430.350	0.000	0.411	0.000	0.411
	24335	5	110.000	-18.000	81.959	-4.521	81.959	-407.758	-407.758	0.000	0.306	0.000	0.306
Plate 8-31	24335	1	110.000	-18.000	81.953	-4.513	81.953	-405.136	-405.136	0.000	0.306	0.000	0.306
(psp 600+pzi 610)	24338	2	110.000	-18.250	72.540	-4.335	72.540	-316.033	-316.033	0.000	0.216	0.000	0.216
	24337	3	110.000	-18.500	62.929	-4.052	62.929	-241.093	-241.093	0.000	0.147	0.000	0.147
	24336	4	110.000	-18.750	53.123	-3.662	53.123	-179.248	-179.248	0.000	0.094	0.000	0.094
	24907	5	110.000	-19.000	43.123	-3.165	43.123	-129.430	-129.430	0.000	0.056	0.000	0.056
Plate 8-32	24907	1	110.000	-19.000	43.022	-3.174	43.022	-131.168	-131.168	0.000	0.056	0.000	0.056

Structural element	Node [ $10^3$ ]	Local number	X [m]	Y [m]	N [ $10^{-3}$ kN/m]	N <sub>min</sub> [ $10^{-3}$ kN/m]	N <sub>max</sub> [ $10^{-3}$ kN/m]	Q [ $10^{-3}$ kN/m]	Q <sub>min</sub> [ $10^{-3}$ kN/m]	Q <sub>max</sub> [ $10^{-3}$ kN/m]	M [kNm/m]	M <sub>min</sub> [ $10^{-12}$ kNm/m]	M <sub>max</sub> [kNm/m]
(psp 600+pzl 610)	24908	2	110.000	-19.250	33.023	-2.518	33.023	-84.803	-84.803	0.000	0.029	0.000	0.029
	24909	3	110.000	-19.500	22.556	-1.768	22.556	-47.065	-47.065	0.000	0.013	0.000	0.013
	24910	4	110.000	-19.750	11.548	-0.935	11.548	-22.568	-22.568	0.000	0.004	0.000	0.004
	24911	5	110.000	-20.000	-0.071	-0.071	0.000	-15.927	-15.927	0.000	0.000	-0.015	0.000

[illegible]

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [10 <sup>-3</sup> kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [10 <sup>-12</sup> kNm/m]	M <sub>max</sub> [kNm/m]
	11976	4	110.000	-3.231	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-3.092	0.000
	12761	5	110.000	-3.398	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-3.377	0.000
Plate 2-7	12761	1	110.000	-3.398	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-3.306	0.000
(psp 600+pzi 610)	12762	2	110.000	-3.563	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-3.556	0.000
	12763	3	110.000	-3.728	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-3.759	0.000
	12764	4	110.000	-3.893	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-4.034	0.000
	13039	5	110.000	-4.058	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-4.167	0.000
Plate 2-8	13039	1	110.000	-4.058	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-4.379	0.000
(psp 600+pzi 610)	13040	2	110.000	-4.221	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-4.433	0.000
	13041	3	110.000	-4.385	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-4.693	0.000
	13042	4	110.000	-4.548	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-4.918	0.000
	13879	5	110.000	-4.712	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-5.171	0.000
Plate 2-9	13879	1	110.000	-4.712	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-5.263	0.000
(psp 600+pzi 610)	13880	2	110.000	-4.873	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-5.420	0.000
	13881	3	110.000	-5.035	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-5.456	0.000
	13882	4	110.000	-5.197	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-5.500	0.000
	13983	5	110.000	-5.359	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-5.922	0.000
Plate 2-10	13983	1	110.000	-5.359	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-5.719	0.000
(psp 600+pzi 610)	13984	2	110.000	-5.519	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-5.704	0.000
	13985	3	110.000	-5.679	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-5.871	0.000
	13986	4	110.000	-5.840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-6.031	0.000
	14345	5	110.000	-6.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-5.977	0.000
Plate 3-11	14345	1	110.000	-6.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-5.976	0.000
(psp 600+pzi 610)	14346	2	110.000	-6.075	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-6.007	0.000
	14347	3	110.000	-6.150	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-6.250	0.000
	14348	4	110.000	-6.225	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-6.347	0.000
	14407	5	110.000	-6.300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-5.964	0.000
Plate 4-12	14407	1	110.000	-6.300	0.014	-14.031	0.014	0.029	-0.022	0.029	0.000	-6.193	0.000
(psp 600+pzi 610)	14408	2	110.000	-6.385	0.012	0.000	0.082	0.025	0.000	0.168	0.001	0.000	0.006
	14409	3	110.000	-6.470	0.100	0.000	0.182	0.202	0.000	0.362	0.010	0.000	0.028
	14410	4	110.000	-6.555	0.267	0.000	0.307	0.537	0.000	0.618	0.040	0.000	0.067
	14431	5	110.000	-6.640	0.501	0.000	0.544	1.007	0.000	1.094	0.105	0.000	0.128

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [10 <sup>-3</sup> kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [10 <sup>-12</sup> kNm/m]	M <sub>max</sub> [kNm/m]
Plate 4-13	14431	1	110.000	-6.640	0.478	0.000	0.520	0.983	0.000	1.064	0.105	0.000	0.128
(psp 600+pzi 610)	14432	2	110.000	-6.730	0.693	0.000	0.709	1.504	0.000	1.553	0.216	0.000	0.239
	14433	3	110.000	-6.820	0.875	0.000	0.876	2.004	0.000	2.021	0.374	0.000	0.397
	14434	4	110.000	-6.910	1.020	0.000	1.020	2.478	0.000	2.478	0.576	0.000	0.596
	15335	5	110.000	-7.000	1.120	0.000	1.120	2.923	0.000	2.923	0.819	0.000	0.835
Plate 5-14	15335	1	110.000	-7.000	1.132	0.000	1.132	2.921	0.000	2.921	0.819	0.000	0.835
(psp 600+pzi 610)	15336	2	110.000	-7.097	1.277	0.000	1.277	3.320	0.000	3.320	1.121	0.000	1.129
	15337	3	110.000	-7.193	1.421	0.000	1.421	3.686	0.000	3.686	1.460	0.000	1.461
	15338	4	110.000	-7.290	1.565	0.000	1.565	4.021	0.000	4.021	1.833	0.000	1.833
	15577	5	110.000	-7.387	1.709	0.000	1.709	4.325	0.000	4.325	2.236	0.000	2.236
Plate 5-15	15577	1	110.000	-7.387	1.710	0.000	1.710	4.328	0.000	4.328	2.236	0.000	2.236
(psp 600+pzi 610)	15578	2	110.000	-7.485	1.856	0.000	1.856	4.612	0.000	4.612	2.676	0.000	2.676
	15579	3	110.000	-7.583	2.002	0.000	2.002	4.877	0.000	4.877	3.142	0.000	3.142
	15580	4	110.000	-7.682	2.148	0.000	2.148	5.122	0.000	5.122	3.634	0.000	3.634
	16271	5	110.000	-7.780	2.293	0.000	2.293	5.347	0.000	5.347	4.149	0.000	4.149
Plate 5-16	16271	1	110.000	-7.780	2.293	0.000	2.293	5.350	0.000	5.350	4.149	0.000	4.149
(psp 600+pzi 610)	16272	2	110.000	-7.880	2.440	0.000	2.440	5.565	0.000	5.565	4.694	0.000	4.694
	16273	3	110.000	-7.980	2.587	0.000	2.587	5.769	0.000	5.769	5.261	0.000	5.261
	16274	4	110.000	-8.080	2.732	0.000	2.732	5.963	0.000	5.963	5.848	0.000	5.848
	16681	5	110.000	-8.180	2.877	0.000	2.877	6.147	0.000	6.147	6.453	0.000	6.453
Plate 5-17	16681	1	110.000	-8.180	2.877	0.000	2.877	6.148	0.000	6.148	6.453	0.000	6.453
(psp 600+pzi 610)	16682	2	110.000	-8.281	3.023	0.000	3.023	6.329	0.000	6.329	7.087	0.000	7.087
	16683	3	110.000	-8.383	3.168	0.000	3.168	6.506	0.000	6.506	7.740	0.000	7.740
	16684	4	110.000	-8.485	3.311	0.000	3.311	6.681	0.000	6.681	8.410	0.000	8.410
	16722	5	110.000	-8.586	3.453	0.000	3.453	6.853	0.000	6.853	9.098	0.000	9.098
Plate 5-18	16722	1	110.000	-8.586	3.453	0.000	3.453	6.855	0.000	6.855	9.098	0.000	9.098
(psp 600+pzi 610)	16724	2	110.000	-8.690	3.595	0.000	3.595	7.030	0.000	7.030	9.815	0.000	9.815
	16725	3	110.000	-8.793	3.734	0.000	3.734	7.211	0.000	7.211	10.552	0.000	10.552
	16726	4	110.000	-8.897	3.872	0.000	3.872	7.398	0.000	7.398	11.307	0.000	11.307
	16723	5	110.000	-9.000	4.007	0.000	4.007	7.591	0.000	7.591	12.081	0.000	12.081
Plate 6-19	16723	1	110.000	-9.000	4.007	0.000	4.007	7.592	0.000	7.592	12.081	0.000	12.081
(psp 600+pzi 610)	16704	2	110.000	-9.110	4.122	0.000	4.122	7.901	0.000	7.901	12.933	0.000	12.933

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [10 <sup>-3</sup> kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [10 <sup>-12</sup> kNm/m]	M <sub>max</sub> [kNm/m]
	16705	3	110.000	-9.220	4.236	0.000	4.236	8.222	0.000	8.222	13.820	0.000	13.820
	16706	4	110.000	-9.330	4.347	0.000	4.347	8.555	0.000	8.555	14.743	0.000	14.743
	16801	5	110.000	-9.440	4.456	0.000	4.456	8.899	0.000	8.899	15.702	0.000	15.702
Plate 6-20	16801	1	110.000	-9.440	4.456	0.000	4.456	8.900	0.000	8.900	15.702	0.000	15.702
(psp 600+pzi 610)	16802	2	110.000	-9.561	4.573	0.000	4.573	9.293	0.000	9.293	16.803	0.000	16.803
	16803	3	110.000	-9.682	4.685	0.000	4.685	9.704	0.000	9.704	17.954	0.000	17.954
	16804	4	110.000	-9.803	4.794	0.000	4.794	10.133	0.000	10.133	19.155	0.000	19.155
	16831	5	110.000	-9.924	4.898	0.000	4.898	10.578	0.000	10.578	20.408	0.000	20.408
Plate 6-21	16831	1	110.000	-9.924	4.898	0.000	4.898	10.579	0.000	10.579	20.408	0.000	20.408
(psp 600+pzi 610)	16832	2	110.000	-10.058	5.008	0.000	5.008	11.091	0.000	11.091	21.852	0.000	21.852
	16833	3	110.000	-10.191	5.111	0.000	5.111	11.626	0.000	11.626	23.367	0.000	23.367
	16834	4	110.000	-10.324	5.207	0.000	5.207	12.182	0.000	12.182	24.954	0.000	24.954
	16849	5	110.000	-10.458	5.296	0.000	5.296	12.760	0.000	12.760	26.616	0.000	26.616
Plate 6-22	16849	1	110.000	-10.458	5.296	0.000	5.296	12.759	0.000	12.759	26.616	0.000	26.616
(psp 600+pzi 610)	16850	2	110.000	-10.604	5.386	0.000	5.386	13.420	0.000	13.420	28.537	0.000	28.537
	16851	3	110.000	-10.751	5.465	-0.020	5.465	14.102	0.000	14.102	30.557	0.000	30.557
	16852	4	110.000	-10.898	5.535	-0.266	5.535	14.804	0.000	14.804	32.679	0.000	32.679
	17863	5	110.000	-11.045	5.593	-0.509	5.593	15.525	0.000	15.525	34.905	0.000	34.905
Plate 6-23	17863	1	110.000	-11.045	5.593	-0.509	5.593	15.521	0.000	15.521	34.905	0.000	34.905
(psp 600+pzi 610)	17864	2	110.000	-11.206	5.644	-0.771	5.644	16.332	0.000	16.332	37.478	0.000	37.478
	17865	3	110.000	-11.368	5.680	-1.027	5.680	17.146	0.000	17.146	40.184	0.000	40.184
	17866	4	110.000	-11.530	5.700	-1.277	5.700	17.961	0.000	17.961	43.022	0.000	43.022
	18681	5	110.000	-11.691	5.705	-1.520	5.705	18.773	0.000	18.773	45.990	0.000	45.990
Plate 6-24	18681	1	110.000	-11.691	5.704	-1.520	5.704	18.761	0.000	18.761	45.990	0.000	45.990
(psp 600+pzi 610)	18682	2	110.000	-11.869	5.689	-1.779	5.689	19.638	0.000	19.638	49.407	0.000	49.407
	18683	3	110.000	-12.047	5.651	-2.027	5.651	20.456	0.000	20.456	52.976	0.000	52.976
	18684	4	110.000	-12.225	5.591	-2.266	5.591	21.210	0.000	21.210	56.685	0.000	56.685
	18967	5	110.000	-12.403	5.507	-2.493	5.507	21.894	0.000	21.894	60.521	0.000	60.521
Plate 6-25	18967	1	110.000	-12.403	5.506	-2.492	5.506	21.864	0.000	21.864	60.521	0.000	60.521
(psp 600+pzi 610)	18968	2	110.000	-12.599	5.385	-2.729	5.385	22.493	0.000	22.493	64.869	0.000	64.869
	18969	3	110.000	-12.795	5.232	-2.951	5.232	22.896	0.000	22.896	69.321	0.000	69.321
	18970	4	110.000	-12.991	5.045	-3.156	5.045	23.057	0.000	23.057	73.828	0.000	73.828

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [10 <sup>-3</sup> kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [10 <sup>-12</sup> kNm/m]	M <sub>max</sub> [kNm/m]
	20151	5	110.000	-13.187	4.826	-3.346	4.826	22.961	0.000	22.961	78.339	0.000	78.339
Plate 6-26	20151	1	110.000	-13.187	4.825	-3.346	4.825	22.884	0.000	22.884	78.339	0.000	78.339
(psp 600+pzi 610)	20152	2	110.000	-13.403	4.543	-3.536	4.543	22.379	0.000	22.379	83.232	0.000	83.232
	20153	3	110.000	-13.618	4.216	-3.704	4.216	21.198	0.000	21.198	87.947	0.000	87.947
	20154	4	110.000	-13.834	3.843	-3.850	3.843	19.301	0.000	19.301	92.329	0.000	92.329
	21141	5	110.000	-14.050	3.424	-3.974	3.424	16.650	0.000	16.650	96.220	0.000	96.220
Plate 6-27	21141	1	110.000	-14.050	3.420	-3.971	3.420	16.395	0.000	16.395	96.220	0.000	96.220
(psp 600+pzi 610)	21142	2	110.000	-14.287	2.905	-4.082	2.905	12.380	0.000	12.380	99.675	0.000	99.675
	21143	3	110.000	-14.525	2.319	-4.154	2.319	6.315	-0.044	6.323	101.940	0.000	101.940
	21144	4	110.000	-14.762	1.661	-4.184	1.661	-1.932	-1.932	1.135	102.503	0.000	102.503
	21331	5	110.000	-15.000	0.930	-45.816	0.930	-12.494	-12.494	0.000	100.838	0.000	100.838
Plate 7-28	21331	1	110.000	-15.000	0.915	-52.223	0.915	-13.070	-13.070	0.000	100.838	0.000	100.838
(psp 600+pzi 610)	21332	2	110.000	-15.250	0.863	-75.497	0.863	-14.925	-14.925	0.000	97.337	0.000	97.337
	21333	3	110.000	-15.500	0.808	-99.110	0.808	-16.697	-16.697	0.000	93.383	0.000	93.383
	21334	4	110.000	-15.750	0.753	-122.169	0.753	-18.402	-18.402	0.000	88.993	0.000	88.993
	22335	5	110.000	-16.000	0.699	-143.781	0.699	-20.058	-20.058	0.000	84.186	0.000	84.186
Plate 7-29	22335	1	110.000	-16.000	0.701	-142.924	0.701	-20.071	-20.071	0.000	84.186	0.000	84.186
(psp 600+pzi 610)	22336	2	110.000	-16.250	0.656	-159.661	0.656	-21.740	-21.740	0.000	78.959	0.000	78.959
	22337	3	110.000	-16.500	0.615	-181.254	0.615	-23.322	-23.322	0.000	73.322	0.000	73.322
	22338	4	110.000	-16.750	0.580	-202.704	0.580	-24.799	-24.799	0.000	67.304	0.000	67.304
	23097	5	110.000	-17.000	0.550	-217.989	0.550	-26.147	-26.147	0.000	60.934	0.000	60.934
Plate 7-30	23097	1	110.000	-17.000	0.549	-218.690	0.549	-26.104	-26.104	0.000	60.934	0.000	60.934
(psp 600+pzi 610)	23098	2	110.000	-17.250	0.524	-227.662	0.524	-27.265	-27.265	0.000	54.258	0.000	54.258
	23099	3	110.000	-17.500	0.502	-232.623	0.502	-28.073	-28.073	0.000	47.330	0.000	47.330
	23100	4	110.000	-17.750	0.482	-234.454	0.482	-28.480	-28.480	0.000	40.252	0.000	40.252
	24335	5	110.000	-18.000	0.463	-234.038	0.463	-28.441	-28.441	0.000	33.128	0.000	33.128
Plate 8-31	24335	1	110.000	-18.000	0.462	-235.249	0.462	-28.230	-28.230	0.000	33.128	0.000	33.128
(psp 600+pzi 610)	24338	2	110.000	-18.250	0.373	-250.301	0.373	-25.109	-25.109	0.000	26.469	0.000	26.469
	24337	3	110.000	-18.500	0.294	-252.237	0.294	-22.272	-22.272	0.000	20.549	0.000	20.549
	24336	4	110.000	-18.750	0.225	-241.388	0.225	-19.658	-19.658	0.000	15.312	0.000	15.312
	24907	5	110.000	-19.000	0.164	-218.083	0.164	-17.206	-17.206	0.000	10.707	0.000	10.707
Plate 8-32	24907	1	110.000	-19.000	0.158	-222.706	0.158	-17.197	-17.197	0.000	10.707	0.000	10.707



Structural element	Node [ $10^3$ ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [ $10^{-3}$ kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [ $10^{-12}$ kNm/m]	M <sub>max</sub> [kNm/m]
(psp 600+pzl 610)	24908	2	110.000	-19.250	0.124	-172.266	0.124	-14.448	-14.448	0.000	6.738	0.000	6.738
	24909	3	110.000	-19.500	0.090	-115.361	0.090	-11.070	-11.070	0.000	3.537	0.000	3.537
	24910	4	110.000	-19.750	0.049	-57.231	0.049	-7.148	-7.148	0.000	1.247	0.000	1.247
	24911	5	110.000	-20.000	-0.005	-4.852	0.000	-2.766	-2.766	0.000	0.000	-0.547	0.000

### 3.1.1.1.6 Calculation results, Plate, 2° scavo [Phase\_6] (24/72), Table of plate force envelopes

[illegible]



Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [10 <sup>-6</sup> kNm/m]	M <sub>max</sub> [kNm/m]
	14407	5	110.000	-6.300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Plate 4-12	14407	1	110.000	-6.300	0.017	-0.014	0.024	0.034	-0.022	0.046	0.000	0.000	0.000
(psp 600+pzi 610)	14408	2	110.000	-6.385	-0.006	-0.019	0.082	-0.011	-0.033	0.168	0.000	-861.413	0.006
	14409	3	110.000	-6.470	0.049	0.000	0.182	0.100	0.000	0.362	0.003	-746.270	0.028
	14410	4	110.000	-6.555	0.168	0.000	0.307	0.339	0.000	0.618	0.020	0.000	0.067
	14431	5	110.000	-6.640	0.336	0.000	0.544	0.677	0.000	1.094	0.063	0.000	0.128
Plate 4-13	14431	1	110.000	-6.640	0.333	0.000	0.520	0.676	0.000	1.064	0.063	0.000	0.128
(psp 600+pzi 610)	14432	2	110.000	-6.730	0.486	0.000	0.709	1.080	0.000	1.553	0.142	0.000	0.239
	14433	3	110.000	-6.820	0.607	0.000	0.876	1.484	0.000	2.021	0.257	0.000	0.397
	14434	4	110.000	-6.910	0.698	0.000	1.020	1.891	0.000	2.478	0.409	0.000	0.596
	15335	5	110.000	-7.000	0.758	0.000	1.120	2.307	0.000	2.923	0.597	0.000	0.835
Plate 5-14	15335	1	110.000	-7.000	0.772	0.000	1.132	2.323	0.000	2.921	0.597	0.000	0.835
(psp 600+pzi 610)	15336	2	110.000	-7.097	0.786	0.000	1.277	2.789	0.000	3.320	0.844	0.000	1.129
	15337	3	110.000	-7.193	0.871	0.000	1.421	3.305	0.000	3.696	1.138	0.000	1.461
	15338	4	110.000	-7.290	0.994	0.000	1.565	3.850	0.000	4.041	1.484	0.000	1.833
	15577	5	110.000	-7.387	1.126	0.000	1.709	4.401	0.000	4.401	1.883	0.000	2.236
Plate 5-15	15577	1	110.000	-7.387	1.154	0.000	1.710	4.448	0.000	4.448	1.883	0.000	2.236
(psp 600+pzi 610)	15578	2	110.000	-7.485	1.324	0.000	1.856	5.054	0.000	5.054	2.350	0.000	2.676
	15579	3	110.000	-7.583	1.506	0.000	2.002	5.678	0.000	5.678	2.877	0.000	3.142
	15580	4	110.000	-7.682	1.702	0.000	2.148	6.326	0.000	6.326	3.467	0.000	3.634
	16271	5	110.000	-7.780	1.918	0.000	2.314	7.007	0.000	7.007	4.122	0.000	4.151
Plate 5-16	16271	1	110.000	-7.780	1.934	0.000	2.308	7.033	0.000	7.033	4.122	0.000	4.151
(psp 600+pzi 610)	16272	2	110.000	-7.880	2.214	0.000	2.567	7.826	0.000	7.826	4.864	0.000	4.864
	16273	3	110.000	-7.980	2.527	0.000	2.805	8.681	0.000	8.681	5.689	0.000	5.689
	16274	4	110.000	-8.080	2.866	0.000	3.022	9.586	0.000	9.586	6.602	0.000	6.602
	16681	5	110.000	-8.180	3.225	0.000	3.230	10.532	0.000	10.532	7.607	0.000	7.607
Plate 5-17	16681	1	110.000	-8.180	3.212	0.000	3.227	10.513	0.000	10.513	7.607	0.000	7.607
(psp 600+pzi 610)	16682	2	110.000	-8.281	3.524	0.000	3.524	11.407	0.000	11.407	8.721	0.000	8.721
	16683	3	110.000	-8.383	3.810	0.000	3.810	12.278	0.000	12.278	9.925	0.000	9.925

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [10 <sup>-6</sup> kNm/m]	M <sub>max</sub> [kNm/m]
	16684	4	110.000	-8.485	4.074	0.000	4.074	13.133	0.000	13.133	11.218	0.000	11.218
	16722	5	110.000	-8.586	4.320	0.000	4.320	13.980	0.000	13.980	12.595	0.000	12.595
Plate 5-18	16722	1	110.000	-8.586	4.309	0.000	4.309	13.966	0.000	13.966	12.595	0.000	12.595
(psp 600+pzi 610)	16724	2	110.000	-8.690	4.557	0.000	4.557	14.846	0.000	14.846	14.085	0.000	14.085
	16725	3	110.000	-8.793	4.754	0.000	4.754	15.680	0.000	15.680	15.664	0.000	15.664
	16726	4	110.000	-8.897	4.897	0.000	4.897	16.461	0.000	16.461	17.326	0.000	17.326
	16723	5	110.000	-9.000	4.981	0.000	4.981	17.183	0.000	17.183	19.065	0.000	19.065
Plate 6-19	16723	1	110.000	-9.000	4.992	0.000	4.992	17.197	0.000	17.197	19.065	0.000	19.065
(psp 600+pzi 610)	16704	2	110.000	-9.110	5.209	0.000	5.209	18.079	0.000	18.079	21.004	0.000	21.004
	16705	3	110.000	-9.220	5.417	0.000	5.417	18.968	0.000	18.968	23.042	0.000	23.042
	16706	4	110.000	-9.330	5.619	0.000	5.619	19.868	0.000	19.868	25.178	0.000	25.178
	16801	5	110.000	-9.440	5.818	0.000	5.818	20.787	0.000	20.787	27.413	0.000	27.413
Plate 6-20	16801	1	110.000	-9.440	5.817	0.000	5.817	20.788	0.000	20.788	27.413	0.000	27.413
(psp 600+pzi 610)	16802	2	110.000	-9.561	6.038	0.000	6.038	21.835	0.000	21.835	29.993	0.000	29.993
	16803	3	110.000	-9.682	6.255	0.000	6.255	22.911	0.000	22.911	32.703	0.000	32.703
	16804	4	110.000	-9.803	6.468	0.000	6.468	24.016	0.000	24.016	35.544	0.000	35.544
	16831	5	110.000	-9.924	6.676	0.000	6.676	25.147	0.000	25.147	38.520	0.000	38.520
Plate 6-21	16831	1	110.000	-9.924	6.676	0.000	6.676	25.147	0.000	25.147	38.520	0.000	38.520
(psp 600+pzi 610)	16832	2	110.000	-10.058	6.898	0.000	6.898	26.420	0.000	26.420	41.957	0.000	41.957
	16833	3	110.000	-10.191	7.111	0.000	7.111	27.721	0.000	27.721	45.567	0.000	45.567
	16834	4	110.000	-10.324	7.316	0.000	7.316	29.048	0.000	29.048	49.352	0.000	49.352
	16849	5	110.000	-10.458	7.511	0.000	7.511	30.399	0.000	30.399	53.313	0.000	53.313
Plate 6-22	16849	1	110.000	-10.458	7.509	0.000	7.509	30.393	0.000	30.393	53.313	0.000	53.313
(psp 600+pzi 610)	16850	2	110.000	-10.604	7.713	0.000	7.713	31.906	0.000	31.906	57.885	0.000	57.885
	16851	3	110.000	-10.751	7.895	0.000	7.895	33.419	0.000	33.419	62.681	0.000	62.681
	16852	4	110.000	-10.898	8.056	0.000	8.056	34.929	0.000	34.929	67.699	0.000	67.699
	17863	5	110.000	-11.045	8.193	-0.001	8.193	36.431	0.000	36.431	72.936	0.000	72.936
Plate 6-23	17863	1	110.000	-11.045	8.188	-0.001	8.188	36.412	0.000	36.412	72.936	0.000	72.936
(psp 600+pzi 610)	17864	2	110.000	-11.206	8.303	-0.001	8.303	38.030	0.000	38.030	78.952	0.000	78.952

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [10 <sup>-6</sup> kNm/m]	M <sub>max</sub> [kNm/m]
	17865	3	110.000	-11.368	8.363	-0.001	8.363	39.548	0.000	39.548	85.224	0.000	85.224
	17866	4	110.000	-11.530	8.367	-0.001	8.367	40.957	0.000	40.957	91.733	0.000	91.733
	18681	5	110.000	-11.691	8.313	-0.002	8.313	42.247	0.000	42.247	98.457	0.000	98.457
Plate 6-24	18681	1	110.000	-11.691	8.303	-0.002	8.303	42.208	0.000	42.208	98.457	0.000	98.457
(psp 600+pzi 610)	18682	2	110.000	-11.869	8.159	-0.002	8.159	43.424	0.000	43.424	106.080	0.000	106.080
	18683	3	110.000	-12.047	7.900	-0.002	7.900	44.304	0.000	44.304	113.893	0.000	113.893
	18684	4	110.000	-12.225	7.523	-0.002	7.523	44.831	0.000	44.831	121.831	0.000	121.831
	18967	5	110.000	-12.403	7.022	-0.002	7.022	44.988	0.000	44.988	129.827	0.000	129.827
Plate 6-25	18967	1	110.000	-12.403	7.002	-0.002	7.002	44.923	0.000	44.923	129.827	0.000	129.827
(psp 600+pzi 610)	18968	2	110.000	-12.599	6.278	-0.003	6.278	44.538	0.000	44.538	138.602	0.000	138.602
	18969	3	110.000	-12.795	5.303	-0.003	5.303	43.404	0.000	43.464	147.232	0.000	147.232
	18970	4	110.000	-12.991	4.066	-0.003	5.045	41.517	0.000	41.764	155.566	0.000	155.566
	20151	5	110.000	-13.187	2.557	-0.003	4.826	38.876	0.000	39.525	163.452	0.000	163.452
Plate 6-26	20151	1	110.000	-13.187	2.671	-0.003	4.825	38.911	0.000	39.482	163.452	0.000	163.452
(psp 600+pzi 610)	20152	2	110.000	-13.403	0.982	-0.572	4.543	34.870	0.000	36.208	171.428	0.000	171.428
	20153	3	110.000	-13.618	-0.612	-1.388	4.216	29.868	0.000	32.074	178.427	0.000	178.427
	20154	4	110.000	-13.834	-2.078	-2.386	3.843	23.980	0.000	26.926	184.254	0.000	184.254
	21141	5	110.000	-14.050	-3.381	-3.553	3.424	17.280	0.000	20.898	188.717	0.000	188.717
Plate 6-27	21141	1	110.000	-14.050	-3.853	-3.999	3.420	16.098	0.000	20.787	188.717	0.000	188.717
(psp 600+pzi 610)	21142	2	110.000	-14.287	-4.806	-4.829	2.905	8.276	0.000	13.152	191.665	0.000	191.665
	21143	3	110.000	-14.525	-6.013	-6.013	2.319	-2.492	-2.667	6.323	192.417	0.000	192.417
	21144	4	110.000	-14.762	-7.537	-7.537	1.661	-16.422	-16.437	1.135	190.230	0.000	190.230
	21331	5	110.000	-15.000	-9.439	-9.439	0.930	-33.729	-33.729	0.000	184.346	0.000	184.346
Plate 7-28	21331	1	110.000	-15.000	-8.350	-8.350	0.915	-34.639	-34.639	0.000	184.346	0.000	184.346
(psp 600+pzi 610)	21332	2	110.000	-15.250	-8.262	-8.262	0.863	-38.158	-38.158	0.000	175.235	0.000	175.235
	21333	3	110.000	-15.500	-8.177	-8.177	0.808	-41.071	-41.071	0.000	165.318	0.000	165.318
	21334	4	110.000	-15.750	-8.090	-8.090	0.753	-43.434	-43.434	0.000	154.741	0.000	154.741
	22335	5	110.000	-16.000	-7.999	-7.999	0.699	-45.302	-45.302	0.000	143.642	0.000	143.642
Plate 7-29	22335	1	110.000	-16.000	-7.997	-7.997	0.701	-45.424	-45.424	0.000	143.642	0.000	143.642

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [10 <sup>-6</sup> kNm/m]	M <sub>max</sub> [kNm/m]
(psp 600+pzi 610)	22336	2	110.000	-16.250	-7.892	-7.892	0.656	-47.167	-47.167	0.000	132.065	0.000	132.065
	22337	3	110.000	-16.500	-7.776	-7.776	0.615	-48.637	-48.637	0.000	120.081	0.000	120.081
	22338	4	110.000	-16.750	-7.649	-7.649	0.580	-49.822	-49.822	0.000	107.765	0.000	107.765
	23097	5	110.000	-17.000	-7.511	-7.511	0.550	-50.708	-50.708	0.000	95.195	0.000	95.195
Plate 7-30	23097	1	110.000	-17.000	-7.511	-7.511	0.549	-50.652	-50.652	0.000	95.195	0.000	95.195
(psp 600+pzi 610)	23098	2	110.000	-17.250	-7.360	-7.360	0.524	-51.217	-51.217	0.000	82.454	0.000	82.454
	23099	3	110.000	-17.500	-7.197	-7.197	0.502	-51.224	-51.224	0.000	69.632	0.000	69.632
	23100	4	110.000	-17.750	-7.024	-7.024	0.482	-50.611	-50.611	0.000	56.888	0.000	56.888
	24335	5	110.000	-18.000	-6.840	-6.840	0.463	-49.315	-49.315	0.000	44.384	0.000	44.384
Plate 8-31	24335	1	110.000	-18.000	-6.838	-6.838	0.462	-48.945	-48.945	0.000	44.384	0.000	44.384
(psp 600+pzi 610)	24338	2	110.000	-18.250	-6.187	-6.187	0.373	-40.159	-40.159	0.000	33.277	0.000	33.277
	24337	3	110.000	-18.500	-5.481	-5.481	0.294	-32.626	-32.626	0.000	24.199	0.000	24.199
	24336	4	110.000	-18.750	-4.721	-4.721	0.225	-26.225	-26.225	0.000	16.866	0.000	17.193
	24907	5	110.000	-19.000	-3.905	-3.905	0.164	-20.838	-20.838	0.000	11.003	0.000	11.513
Plate 8-32	24907	1	110.000	-19.000	-3.915	-3.915	0.158	-20.943	-20.943	0.000	11.003	0.000	11.513
(psp 600+pzi 610)	24908	2	110.000	-19.250	-3.005	-3.005	0.124	-15.460	-15.931	0.000	6.444	0.000	7.006
	24909	3	110.000	-19.500	-2.050	-2.050	0.090	-10.291	-11.437	0.000	3.258	0.000	3.650
	24910	4	110.000	-19.750	-1.060	-1.060	0.049	-6.190	-7.289	0.000	1.209	0.000	1.301
	24911	5	110.000	-20.000	-0.046	-0.046	0.000	-3.916	-3.916	0.000	0.000	0.000	0.000

[illegible]





Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [10 <sup>-6</sup> kNm/m]	M <sub>max</sub> [kNm/m]
	14407	5	110.000	-6.300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Plate 4-12	14407	1	110.000	-6.300	-0.017	-0.017	0.024	-0.033	-0.033	0.046	0.000	0.000	0.000
(psp 600+pzi 610)	14408	2	110.000	-6.385	0.036	-0.019	0.082	0.072	-0.033	0.168	0.002	-861.413	0.006
	14409	3	110.000	-6.470	0.087	0.000	0.182	0.176	0.000	0.362	0.012	-746.270	0.028
	14410	4	110.000	-6.555	0.135	0.000	0.307	0.272	0.000	0.618	0.031	0.000	0.067
	14431	5	110.000	-6.640	0.176	0.000	0.544	0.355	0.000	1.094	0.058	0.000	0.128
Plate 4-13	14431	1	110.000	-6.640	0.180	0.000	0.520	0.363	0.000	1.064	0.058	0.000	0.128
(psp 600+pzi 610)	14432	2	110.000	-6.730	0.287	0.000	0.709	0.578	0.000	1.553	0.102	0.000	0.239
	14433	3	110.000	-6.820	0.350	0.000	0.876	0.705	0.000	2.021	0.159	0.000	0.397
	14434	4	110.000	-6.910	0.398	0.000	1.020	0.803	0.000	2.478	0.227	0.000	0.596
	15335	5	110.000	-7.000	0.462	0.000	1.120	0.931	0.000	2.923	0.305	0.000	0.835
Plate 5-14	15335	1	110.000	-7.000	0.574	0.000	1.132	1.194	0.000	2.921	0.305	0.000	0.835
(psp 600+pzi 610)	15336	2	110.000	-7.097	0.971	0.000	1.277	2.298	0.000	3.320	0.474	0.000	1.129
	15337	3	110.000	-7.193	1.396	0.000	1.421	3.388	0.000	3.696	0.749	0.000	1.461
	15338	4	110.000	-7.290	1.838	0.000	1.838	4.472	0.000	4.677	1.129	0.000	1.833
	15577	5	110.000	-7.387	2.287	0.000	2.293	5.558	0.000	5.747	1.613	0.000	2.236
Plate 5-15	15577	1	110.000	-7.387	2.332	0.000	2.332	5.629	0.000	5.809	1.613	0.000	2.236
(psp 600+pzi 610)	15578	2	110.000	-7.485	2.874	0.000	2.874	6.908	0.000	7.008	2.229	0.000	2.676
	15579	3	110.000	-7.583	3.427	0.000	3.427	8.199	0.000	8.229	2.972	0.000	3.142
	15580	4	110.000	-7.682	3.993	0.000	3.993	9.509	0.000	9.518	3.842	0.000	3.923
	16271	5	110.000	-7.780	4.577	0.000	4.577	10.843	0.000	10.843	4.842	0.000	4.915
Plate 5-16	16271	1	110.000	-7.780	4.594	0.000	4.594	10.874	0.000	10.874	4.842	0.000	4.915
(psp 600+pzi 610)	16272	2	110.000	-7.880	5.249	0.000	5.249	12.326	0.000	12.326	6.001	0.000	6.058
	16273	3	110.000	-7.980	5.937	0.000	5.937	13.843	0.000	13.843	7.309	0.000	7.343
	16274	4	110.000	-8.080	6.651	0.000	6.651	15.415	0.000	15.415	8.771	0.000	8.792
	16681	5	110.000	-8.180	7.383	0.000	7.383	17.035	0.000	17.035	10.393	0.000	10.402
Plate 5-17	16681	1	110.000	-8.180	7.370	0.000	7.370	17.015	0.000	17.015	10.393	0.000	10.402
(psp 600+pzi 610)	16682	2	110.000	-8.281	8.059	0.000	8.059	18.605	0.000	18.605	12.203	0.000	12.203
	16683	3	110.000	-8.383	8.718	0.000	8.718	20.171	0.000	20.171	14.175	0.000	14.175

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [10 <sup>-6</sup> kNm/m]	M <sub>max</sub> [kNm/m]
	16684	4	110.000	-8.485	9.352	0.000	9.352	21.723	0.000	21.723	16.305	0.000	16.305
	16722	5	110.000	-8.586	9.966	0.000	9.966	23.271	0.000	23.271	18.592	0.000	18.592
Plate 5-18	16722	1	110.000	-8.586	9.955	0.000	9.955	23.258	0.000	23.258	18.592	0.000	18.592
(psp 600+pzi 610)	16724	2	110.000	-8.690	10.575	0.000	10.575	24.874	0.000	24.874	21.079	0.000	21.079
	16725	3	110.000	-8.793	11.143	0.000	11.143	26.454	0.000	26.454	23.733	0.000	23.733
	16726	4	110.000	-8.897	11.653	0.000	11.653	27.988	0.000	27.988	26.549	0.000	26.549
	16723	5	110.000	-9.000	12.101	0.000	12.101	29.470	0.000	29.470	29.518	0.000	29.518
Plate 6-19	16723	1	110.000	-9.000	12.113	0.000	12.113	29.487	0.000	29.487	29.518	0.000	29.518
(psp 600+pzi 610)	16704	2	110.000	-9.110	12.702	0.000	12.702	31.078	0.000	31.078	32.848	0.000	32.848
	16705	3	110.000	-9.220	13.279	0.000	13.279	32.679	0.000	32.679	36.355	0.000	36.355
	16706	4	110.000	-9.330	13.847	0.000	13.847	34.297	0.000	34.297	40.039	0.000	40.039
	16801	5	110.000	-9.440	14.410	0.000	14.410	35.937	0.000	35.937	43.900	0.000	43.900
Plate 6-20	16801	1	110.000	-9.440	14.411	0.000	14.411	35.939	0.000	35.939	43.900	0.000	43.900
(psp 600+pzi 610)	16802	2	110.000	-9.561	15.033	0.000	15.033	37.791	0.000	37.791	48.363	0.000	48.363
	16803	3	110.000	-9.682	15.652	0.000	15.652	39.681	0.000	39.681	53.054	0.000	53.054
	16804	4	110.000	-9.803	16.267	0.000	16.267	41.608	0.000	41.608	57.977	0.000	57.977
	16831	5	110.000	-9.924	16.879	0.000	16.879	43.570	0.000	43.570	63.133	0.000	63.133
Plate 6-21	16831	1	110.000	-9.924	16.879	0.000	16.879	43.568	0.000	43.568	63.133	0.000	63.133
(psp 600+pzi 610)	16832	2	110.000	-10.058	17.545	0.000	17.545	45.765	0.000	45.765	69.086	0.000	69.086
	16833	3	110.000	-10.191	18.206	0.000	18.206	47.992	0.000	47.992	75.338	0.000	75.338
	16834	4	110.000	-10.324	18.859	0.000	18.859	50.247	0.000	50.247	81.888	0.000	81.888
	16849	5	110.000	-10.458	19.505	0.000	19.505	52.527	0.000	52.527	88.738	0.000	88.738
Plate 6-22	16849	1	110.000	-10.458	19.503	0.000	19.503	52.516	0.000	52.516	88.738	0.000	88.738
(psp 600+pzi 610)	16850	2	110.000	-10.604	20.204	0.000	20.204	55.046	0.000	55.046	96.631	0.000	96.631
	16851	3	110.000	-10.751	20.887	0.000	20.887	57.554	0.000	57.554	104.898	0.000	104.898
	16852	4	110.000	-10.898	21.549	0.000	21.549	60.035	0.000	60.035	113.531	0.000	113.531
	17863	5	110.000	-11.045	22.188	-0.001	22.188	62.479	0.000	62.479	122.522	0.000	122.522
Plate 6-23	17863	1	110.000	-11.045	22.181	-0.001	22.181	62.448	0.000	62.448	122.522	0.000	122.522
(psp 600+pzi 610)	17864	2	110.000	-11.206	22.850	-0.001	22.850	65.054	0.000	65.054	132.826	0.000	132.826

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [10 <sup>-6</sup> kNm/m]	M <sub>max</sub> [kNm/m]
	17865	3	110.000	-11.368	23.459	-0.001	23.459	67.468	0.000	67.468	143.542	0.000	143.542
	17866	4	110.000	-11.530	24.008	-0.001	24.008	69.675	0.000	69.675	154.630	0.000	154.630
	18681	5	110.000	-11.691	24.491	-0.002	24.491	71.657	0.000	71.657	166.052	0.000	166.052
Plate 6-24	18681	1	110.000	-11.691	24.479	-0.002	24.479	71.584	0.000	71.584	166.052	0.000	166.052
(psp 600+pzl 610)	18682	2	110.000	-11.869	24.914	-0.002	24.914	73.396	0.000	73.396	178.958	0.000	178.958
	18683	3	110.000	-12.047	25.212	-0.002	25.212	74.585	0.000	74.585	192.139	0.000	192.139
	18684	4	110.000	-12.225	25.365	-0.002	25.365	75.116	0.000	75.116	205.472	0.000	205.472
	18967	5	110.000	-12.403	25.367	-0.002	25.367	74.958	0.000	74.958	218.833	0.000	218.833
Plate 6-25	18967	1	110.000	-12.403	25.252	-0.002	25.252	74.820	0.000	74.820	218.833	0.000	218.833
(psp 600+pzl 610)	18968	2	110.000	-12.599	24.630	-0.003	24.630	73.597	0.000	73.597	233.393	0.000	233.393
	18969	3	110.000	-12.795	23.304	-0.003	23.304	70.905	0.000	70.905	247.578	0.000	247.578
	18970	4	110.000	-12.991	21.264	-0.003	21.264	66.718	0.000	66.718	261.088	0.000	261.088
	20151	5	110.000	-13.187	18.501	-0.003	18.501	61.010	0.000	61.010	273.624	0.000	273.624
Plate 6-26	20151	1	110.000	-13.187	18.603	-0.003	18.603	60.922	0.000	60.922	273.624	0.000	273.624
(psp 600+pzl 610)	20152	2	110.000	-13.403	15.716	-0.572	15.716	53.728	0.000	53.728	286.007	0.000	286.007
	20153	3	110.000	-13.618	12.961	-1.388	12.961	45.308	0.000	45.308	296.720	0.000	296.720
	20154	4	110.000	-13.834	10.271	-2.386	10.271	35.465	0.000	35.465	305.458	0.000	305.458
	21141	5	110.000	-14.050	7.582	-3.553	7.582	23.998	0.000	23.998	311.903	0.000	311.903
Plate 6-27	21141	1	110.000	-14.050	7.250	-3.999	7.250	22.903	0.000	22.903	311.903	0.000	311.903
(psp 600+pzl 610)	21142	2	110.000	-14.287	3.846	-4.829	3.846	7.131	0.000	13.152	315.537	0.000	315.537
	21143	3	110.000	-14.525	0.403	-6.013	2.319	-12.585	-12.585	6.323	314.984	0.000	314.984
	21144	4	110.000	-14.762	-3.251	-7.537	1.661	-36.763	-36.763	1.135	309.204	0.000	309.204
	21331	5	110.000	-15.000	-7.288	-9.439	0.930	-65.922	-65.922	0.000	297.120	0.000	297.120
Plate 7-28	21331	1	110.000	-15.000	-5.683	-8.350	0.915	-67.809	-67.809	0.000	297.120	0.000	297.120
(psp 600+pzl 610)	21332	2	110.000	-15.250	-5.501	-8.262	0.863	-72.931	-72.931	0.000	279.502	0.000	279.502
	21333	3	110.000	-15.500	-5.343	-8.177	0.808	-76.783	-76.783	0.000	260.761	0.000	260.761
	21334	4	110.000	-15.750	-5.204	-8.090	0.753	-79.502	-79.502	0.000	241.196	0.000	241.196
	22335	5	110.000	-16.000	-5.078	-7.999	0.699	-81.225	-81.225	0.000	221.092	0.000	221.092
Plate 7-29	22335	1	110.000	-16.000	-5.073	-7.997	0.701	-81.424	-81.424	0.000	221.092	0.000	221.092

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [10 <sup>-6</sup> kNm/m]	M <sub>max</sub> [kNm/m]
(psp 600+pzi 610)	22336	2	110.000	-16.250	-4.943	-7.892	0.656	-82.822	-82.822	0.000	200.556	0.000	200.556
	22337	3	110.000	-16.500	-4.816	-7.776	0.615	-83.732	-83.732	0.000	179.721	0.000	179.721
	22338	4	110.000	-16.750	-4.691	-7.649	0.580	-84.142	-84.142	0.000	158.722	0.000	158.722
	23097	5	110.000	-17.000	-4.567	-7.511	0.550	-84.041	-84.041	0.000	137.693	0.000	137.693
Plate 7-30	23097	1	110.000	-17.000	-4.566	-7.511	0.549	-83.968	-83.968	0.000	137.693	0.000	137.693
(psp 600+pzi 610)	23098	2	110.000	-17.250	-4.443	-7.360	0.524	-83.374	-83.374	0.000	116.764	0.000	116.764
	23099	3	110.000	-17.500	-4.318	-7.197	0.502	-81.964	-81.964	0.000	96.073	0.000	96.073
	23100	4	110.000	-17.750	-4.194	-7.024	0.482	-79.656	-79.656	0.000	75.848	0.000	75.848
	24335	5	110.000	-18.000	-4.070	-6.840	0.463	-76.371	-76.371	0.000	56.327	0.000	56.327
Plate 8-31	24335	1	110.000	-18.000	-4.067	-6.838	0.462	-75.769	-75.769	0.000	56.327	0.000	56.327
(psp 600+pzi 610)	24338	2	110.000	-18.250	-3.664	-6.187	0.373	-59.187	-59.187	0.000	39.518	0.000	39.518
	24337	3	110.000	-18.500	-3.239	-5.481	0.294	-45.128	-45.128	0.000	26.522	0.000	26.522
	24336	4	110.000	-18.750	-2.793	-4.721	0.225	-33.385	-33.385	0.000	16.756	0.000	17.193
	24907	5	110.000	-19.000	-2.325	-3.905	0.164	-23.750	-23.750	0.000	9.655	0.000	11.513
Plate 8-32	24907	1	110.000	-19.000	-2.334	-3.915	0.158	-24.225	-24.225	0.000	9.655	0.000	11.513
(psp 600+pzi 610)	24908	2	110.000	-19.250	-1.799	-3.005	0.124	-14.467	-15.931	0.000	4.847	0.000	7.006
	24909	3	110.000	-19.500	-1.242	-2.050	0.090	-7.209	-11.437	0.000	2.231	0.000	3.650
	24910	4	110.000	-19.750	-0.670	-1.060	0.049	-3.622	-7.289	0.000	0.936	0.000	1.301
	24911	5	110.000	-20.000	-0.091	-0.091	0.000	-4.873	-4.873	0.000	0.000	0.000	0.000

[illegible]



Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [10 <sup>-6</sup> kNm/m]	M <sub>max</sub> [kNm/m]
	14407	5	110.000	-6.300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Plate 4-12	14407	1	110.000	-6.300	0.000	-0.017	0.024	0.000	-0.033	0.046	0.000	0.000	0.000
(psp 600+pzi 610)	14408	2	110.000	-6.385	0.000	-0.019	0.082	0.000	-0.033	0.168	0.000	-861.413	0.006
	14409	3	110.000	-6.470	0.000	0.000	0.182	0.000	0.000	0.362	0.000	-746.270	0.028
	14410	4	110.000	-6.555	0.000	0.000	0.307	0.000	0.000	0.618	0.000	0.000	0.067
	14431	5	110.000	-6.640	0.000	0.000	0.544	0.000	0.000	1.094	0.000	0.000	0.128
Plate 4-13	14431	1	110.000	-6.640	0.000	0.000	0.520	0.000	0.000	1.064	0.000	0.000	0.128
(psp 600+pzi 610)	14432	2	110.000	-6.730	0.000	0.000	0.709	0.000	0.000	1.553	0.000	0.000	0.239
	14433	3	110.000	-6.820	0.000	0.000	0.876	0.000	0.000	2.021	0.000	0.000	0.397
	14434	4	110.000	-6.910	0.000	0.000	1.020	0.000	0.000	2.478	0.000	0.000	0.596
	15335	5	110.000	-7.000	0.000	0.000	1.120	0.000	0.000	2.923	0.000	0.000	0.835
Plate 5-14	15335	1	110.000	-7.000	-0.031	-0.031	1.132	-0.047	-0.047	2.921	0.000	0.000	0.835
(psp 600+pzi 610)	15336	2	110.000	-7.097	0.090	0.000	1.277	0.302	0.000	3.320	0.010	0.000	1.129
	15337	3	110.000	-7.193	0.353	0.000	1.421	0.929	0.000	3.696	0.067	0.000	1.461
	15338	4	110.000	-7.290	0.759	0.000	1.838	1.851	0.000	4.677	0.199	0.000	1.833
	15577	5	110.000	-7.387	1.303	0.000	2.293	3.087	0.000	5.747	0.435	0.000	2.236
Plate 5-15	15577	1	110.000	-7.387	1.330	0.000	2.332	3.082	0.000	5.809	0.435	0.000	2.236
(psp 600+pzi 610)	15578	2	110.000	-7.485	2.033	0.000	2.874	4.779	0.000	7.008	0.822	0.000	2.676
	15579	3	110.000	-7.583	2.734	0.000	3.427	6.486	0.000	8.229	1.375	0.000	3.142
	15580	4	110.000	-7.682	3.438	0.000	4.016	8.204	0.000	9.518	2.097	0.000	3.923
	16271	5	110.000	-7.780	4.150	0.000	4.631	9.932	0.000	10.863	2.989	0.000	4.915
Plate 5-16	16271	1	110.000	-7.780	4.168	0.000	4.648	9.959	0.000	10.893	2.989	0.000	4.915
(psp 600+pzi 610)	16272	2	110.000	-7.880	4.947	0.000	5.345	11.783	0.000	12.395	4.075	0.000	6.058
	16273	3	110.000	-7.980	5.756	0.000	6.093	13.658	0.000	13.958	5.346	0.000	7.343
	16274	4	110.000	-8.080	6.586	0.000	6.865	15.569	0.000	15.627	6.807	0.000	8.792
	16681	5	110.000	-8.180	7.432	0.000	7.655	17.506	0.000	17.506	8.460	0.000	10.402
Plate 5-17	16681	1	110.000	-8.180	7.419	0.000	7.642	17.481	0.000	17.481	8.460	0.000	10.402
(psp 600+pzi 610)	16682	2	110.000	-8.281	8.219	0.000	8.387	19.369	0.000	19.369	10.333	0.000	12.203
	16683	3	110.000	-8.383	8.987	0.000	9.101	21.199	0.000	21.199	12.396	0.000	14.175



Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [10 <sup>-6</sup> kNm/m]	M <sub>max</sub> [kNm/m]
	16684	4	110.000	-8.485	9.728	0.000	9.789	22.984	0.000	22.984	14.643	0.000	16.305
	16722	5	110.000	-8.586	10.448	0.000	10.463	24.735	0.000	24.735	17.068	0.000	18.592
Plate 5-18	16722	1	110.000	-8.586	10.437	0.000	10.452	24.725	0.000	24.725	17.068	0.000	18.592
(psp 600+pzl 610)	16724	2	110.000	-8.690	11.162	0.000	11.162	26.539	0.000	26.539	19.718	0.000	21.079
	16725	3	110.000	-8.793	11.834	0.000	11.834	28.301	0.000	28.301	22.554	0.000	23.733
	16726	4	110.000	-8.897	12.448	0.000	12.448	30.001	0.000	30.001	25.569	0.000	26.579
	16723	5	110.000	-9.000	12.998	0.000	12.998	31.632	0.000	31.632	28.755	0.000	29.590
Plate 6-19	16723	1	110.000	-9.000	13.010	0.000	13.010	31.651	0.000	31.651	28.755	0.000	29.590
(psp 600+pzl 610)	16704	2	110.000	-9.110	13.713	0.000	13.713	33.367	0.000	33.367	32.329	0.000	32.965
	16705	3	110.000	-9.220	14.402	0.000	14.402	35.084	0.000	35.084	36.094	0.000	36.520
	16706	4	110.000	-9.330	15.082	0.000	15.082	36.808	0.000	36.808	40.049	0.000	40.315
	16801	5	110.000	-9.440	15.754	0.000	15.754	38.546	0.000	38.546	44.191	0.000	44.297
Plate 6-20	16801	1	110.000	-9.440	15.755	0.000	15.755	38.550	0.000	38.550	44.191	0.000	44.297
(psp 600+pzl 610)	16802	2	110.000	-9.561	16.496	0.000	16.496	40.503	0.000	40.503	48.976	0.000	48.976
	16803	3	110.000	-9.682	17.233	0.000	17.233	42.491	0.000	42.491	54.002	0.000	54.002
	16804	4	110.000	-9.803	17.965	0.000	17.965	44.512	0.000	44.512	59.271	0.000	59.271
	16831	5	110.000	-9.924	18.691	0.000	18.691	46.565	0.000	46.565	64.784	0.000	64.784
Plate 6-21	16831	1	110.000	-9.924	18.691	0.000	18.691	46.564	0.000	46.564	64.784	0.000	64.784
(psp 600+pzl 610)	16832	2	110.000	-10.058	19.483	0.000	19.483	48.859	0.000	48.859	71.143	0.000	71.143
	16833	3	110.000	-10.191	20.266	0.000	20.266	51.183	0.000	51.183	77.814	0.000	77.814
	16834	4	110.000	-10.324	21.042	0.000	21.042	53.535	0.000	53.535	84.796	0.000	84.796
	16849	5	110.000	-10.458	21.808	0.000	21.808	55.910	0.000	55.910	92.091	0.000	92.091
Plate 6-22	16849	1	110.000	-10.458	21.806	0.000	21.806	55.899	0.000	55.899	92.091	0.000	92.091
(psp 600+pzl 610)	16850	2	110.000	-10.604	22.639	0.000	22.639	58.533	0.000	58.533	100.488	0.000	100.488
	16851	3	110.000	-10.751	23.451	0.000	23.451	61.146	0.000	61.146	109.275	0.000	109.275
	16852	4	110.000	-10.898	24.241	0.000	24.241	63.729	0.000	63.729	118.443	0.000	118.443
	17863	5	110.000	-11.045	25.006	-0.001	25.006	66.274	0.000	66.274	127.984	0.000	127.984
Plate 6-23	17863	1	110.000	-11.045	24.999	-0.001	24.999	66.242	0.000	66.242	127.984	0.000	127.984
(psp 600+pzl 610)	17864	2	110.000	-11.206	25.805	-0.001	25.805	68.957	0.000	68.957	138.909	0.000	138.909

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [10 <sup>-6</sup> kNm/m]	M <sub>max</sub> [kNm/m]
	17865	3	110.000	-11.368	26.549	-0.001	26.549	71.473	0.000	71.473	150.264	0.000	150.264
	17866	4	110.000	-11.530	27.230	-0.001	27.230	73.775	0.000	73.775	162.008	0.000	162.008
	18681	5	110.000	-11.691	27.844	-0.002	27.844	75.845	0.000	75.845	174.100	0.000	174.100
Plate 6-24	18681	1	110.000	-11.691	27.820	-0.002	27.820	75.769	0.000	75.769	174.100	0.000	174.100
(psp 600+pzi 610)	18682	2	110.000	-11.869	28.416	-0.002	28.416	77.661	0.000	77.661	187.758	0.000	187.758
	18683	3	110.000	-12.047	28.840	-0.002	28.840	78.906	0.000	78.906	201.703	0.000	201.703
	18684	4	110.000	-12.225	29.062	-0.002	29.062	79.470	0.000	79.470	215.808	0.000	215.808
	18967	5	110.000	-12.403	29.051	-0.002	29.051	79.319	0.000	79.319	229.945	0.000	229.945
Plate 6-25	18967	1	110.000	-12.403	28.946	-0.002	28.946	79.175	0.000	79.175	229.945	0.000	229.945
(psp 600+pzi 610)	18968	2	110.000	-12.599	28.317	-0.003	28.317	77.930	0.000	77.930	245.357	0.000	245.357
	18969	3	110.000	-12.795	26.943	-0.003	26.943	75.155	0.000	75.155	260.384	0.000	260.384
	18970	4	110.000	-12.991	24.820	-0.003	24.820	70.820	0.000	70.820	274.714	0.000	274.714
	20151	5	110.000	-13.187	21.945	-0.003	21.945	64.896	0.000	64.896	288.033	0.000	288.033
Plate 6-26	20151	1	110.000	-13.187	22.044	-0.003	22.044	64.788	0.000	64.788	288.033	0.000	288.033
(psp 600+pzi 610)	20152	2	110.000	-13.403	19.011	-0.572	19.011	57.252	0.000	57.252	301.216	0.000	301.216
	20153	3	110.000	-13.618	16.056	-1.388	16.056	48.315	0.000	48.315	312.637	0.000	312.637
	20154	4	110.000	-13.834	13.110	-2.386	13.110	37.767	0.000	37.767	321.951	0.000	321.951
	21141	5	110.000	-14.050	10.104	-3.553	10.104	25.397	0.000	25.397	328.799	0.000	328.799
Plate 6-27	21141	1	110.000	-14.050	9.699	-3.999	9.699	24.129	0.000	24.129	328.799	0.000	328.799
(psp 600+pzi 610)	21142	2	110.000	-14.287	6.022	-4.829	6.022	7.402	0.000	13.152	332.617	0.000	332.617
	21143	3	110.000	-14.525	2.250	-6.013	2.319	-13.590	-13.590	6.323	331.983	0.000	331.983
	21144	4	110.000	-14.762	-1.792	-7.537	1.661	-39.385	-39.385	1.135	325.779	0.000	325.779
	21331	5	110.000	-15.000	-6.282	-9.439	0.930	-70.521	-70.521	0.000	312.845	0.000	312.845
Plate 7-28	21331	1	110.000	-15.000	-4.587	-8.350	0.915	-72.497	-72.497	0.000	312.845	0.000	312.845
(psp 600+pzi 610)	21332	2	110.000	-15.250	-4.400	-8.262	0.863	-77.843	-77.843	0.000	294.025	0.000	294.025
	21333	3	110.000	-15.500	-4.242	-8.177	0.808	-81.822	-81.822	0.000	274.039	0.000	274.039
	21334	4	110.000	-15.750	-4.106	-8.090	0.753	-84.578	-84.578	0.000	253.207	0.000	253.207
	22335	5	110.000	-16.000	-3.986	-7.999	0.699	-86.256	-86.256	0.000	231.838	0.000	231.838
Plate 7-29	22335	1	110.000	-16.000	-3.981	-7.997	0.701	-86.480	-86.480	0.000	231.838	0.000	231.838

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [10 <sup>-6</sup> kNm/m]	M <sub>max</sub> [kNm/m]
(psp 600+pzi 610)	22336	2	110.000	-16.250	-3.860	-7.892	0.656	-87.820	-87.820	0.000	210.045	0.000	210.045
	22337	3	110.000	-16.500	-3.744	-7.776	0.615	-88.643	-88.643	0.000	187.971	0.000	187.971
	22338	4	110.000	-16.750	-3.633	-7.649	0.580	-88.938	-88.938	0.000	165.757	0.000	165.757
	23097	5	110.000	-17.000	-3.526	-7.511	0.550	-88.694	-88.694	0.000	143.547	0.000	143.547
Plate 7-30	23097	1	110.000	-17.000	-3.525	-7.511	0.549	-88.619	-88.619	0.000	143.547	0.000	143.547
(psp 600+pzi 610)	23098	2	110.000	-17.250	-3.421	-7.360	0.524	-87.858	-87.858	0.000	121.476	0.000	121.476
	23099	3	110.000	-17.500	-3.318	-7.197	0.502	-86.245	-86.245	0.000	99.688	0.000	99.688
	23100	4	110.000	-17.750	-3.218	-7.024	0.482	-83.697	-83.697	0.000	78.422	0.000	78.422
	24335	5	110.000	-18.000	-3.119	-6.840	0.463	-80.129	-80.129	0.000	57.925	0.000	57.925
Plate 8-31	24335	1	110.000	-18.000	-3.117	-6.838	0.462	-79.487	-79.487	0.000	57.925	0.000	57.925
(psp 600+pzi 610)	24338	2	110.000	-18.250	-2.813	-6.187	0.373	-61.821	-61.821	0.000	40.326	0.000	40.326
	24337	3	110.000	-18.500	-2.495	-5.481	0.294	-46.837	-46.837	0.000	26.790	0.000	26.790
	24336	4	110.000	-18.750	-2.161	-4.721	0.225	-34.316	-34.316	0.000	16.697	0.000	17.193
	24907	5	110.000	-19.000	-1.813	-3.905	0.164	-24.034	-24.034	0.000	9.447	0.000	11.513
Plate 8-32	24907	1	110.000	-19.000	-1.820	-3.915	0.158	-24.572	-24.572	0.000	9.447	0.000	11.513
(psp 600+pzi 610)	24908	2	110.000	-19.250	-1.411	-3.005	0.124	-14.230	-15.931	0.000	4.633	0.000	7.006
	24909	3	110.000	-19.500	-0.985	-2.050	0.090	-6.760	-11.437	0.000	2.110	0.000	3.650
	24910	4	110.000	-19.750	-0.544	-1.060	0.049	-3.321	-7.289	0.000	0.916	0.000	1.301
	24911	5	110.000	-20.000	-0.096	-0.096	0.000	-5.076	-5.076	0.000	0.000	0.000	0.000

### 3.1.1.1.9 Calculation results, Plate, FS SLU A1 M1 R1 [Phase\_12] (30/301), Table of plate force envelopes

[illegible]

[illegible]

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [kNm/m]	M <sub>max</sub> [kNm/m]
	14407	5	110.000	-6.300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Plate 4-12	14407	1	110.000	-6.300	0.000	-0.017	0.024	0.000	-0.033	0.046	0.000	0.000	0.000
(psp 600+pzi 610)	14408	2	110.000	-6.385	0.000	-0.019	0.082	0.000	-0.033	0.168	0.000	-0.001	0.006
	14409	3	110.000	-6.470	0.000	0.000	0.182	0.000	0.000	0.362	0.000	-0.001	0.028
	14410	4	110.000	-6.555	0.000	0.000	0.307	0.000	0.000	0.618	0.000	0.000	0.067
	14431	5	110.000	-6.640	0.000	0.000	0.544	0.000	0.000	1.094	0.000	0.000	0.128
Plate 4-13	14431	1	110.000	-6.640	0.000	0.000	0.520	0.000	0.000	1.064	0.000	0.000	0.128
(psp 600+pzi 610)	14432	2	110.000	-6.730	0.000	0.000	0.709	0.000	0.000	1.553	0.000	0.000	0.239
	14433	3	110.000	-6.820	0.000	0.000	0.876	0.000	0.000	2.021	0.000	0.000	0.397
	14434	4	110.000	-6.910	0.000	0.000	1.020	0.000	0.000	2.478	0.000	0.000	0.596
	15335	5	110.000	-7.000	0.000	0.000	1.120	0.000	0.000	2.923	0.000	0.000	0.835
Plate 5-14	15335	1	110.000	-7.000	-0.002	-0.031	1.132	-0.002	-0.047	2.921	0.000	0.000	0.835
(psp 600+pzi 610)	15336	2	110.000	-7.097	-0.017	-0.098	1.277	0.019	-0.137	3.320	0.000	-0.004	1.129
	15337	3	110.000	-7.193	-0.048	-0.113	1.421	0.073	-0.098	3.696	0.005	-0.015	1.461
	15338	4	110.000	-7.290	-0.101	-0.117	1.838	0.115	-0.105	4.677	0.014	-0.020	1.833
	15577	5	110.000	-7.387	-0.180	-0.234	2.293	0.101	-0.280	5.747	0.025	-0.025	2.236
Plate 5-15	15577	1	110.000	-7.387	-0.175	-0.225	2.332	0.121	-0.217	5.809	0.025	-0.025	2.236
(psp 600+pzi 610)	15578	2	110.000	-7.485	-0.310	-0.351	2.874	0.043	-0.329	7.008	0.033	-0.052	2.676
	15579	3	110.000	-7.583	-0.454	-0.470	3.427	-0.025	-0.409	8.229	0.034	-0.088	3.142
	15580	4	110.000	-7.682	-0.606	-0.616	4.016	-0.076	-0.448	9.518	0.029	-0.131	3.923
	16271	5	110.000	-7.780	-0.766	-0.775	4.631	-0.101	-0.437	10.863	0.020	-0.175	4.915
Plate 5-16	16271	1	110.000	-7.780	-0.750	-0.759	4.648	-0.110	-0.452	10.893	0.020	-0.175	4.915
(psp 600+pzi 610)	16272	2	110.000	-7.880	-0.755	-0.765	5.345	-0.005	-0.259	12.395	0.013	-0.212	6.058
	16273	3	110.000	-7.980	-0.734	-0.744	6.093	0.200	0.000	13.958	0.022	-0.223	7.343
	16274	4	110.000	-8.080	-0.688	-0.698	6.865	0.501	0.000	15.705	0.056	-0.199	8.792
	16681	5	110.000	-8.180	-0.620	-0.630	7.655	0.895	0.000	17.806	0.125	-0.130	10.402
Plate 5-17	16681	1	110.000	-8.180	-0.637	-0.647	7.642	0.853	0.000	17.765	0.125	-0.130	10.402
(psp 600+pzi 610)	16682	2	110.000	-8.281	-0.544	-0.554	8.387	1.346	0.000	19.806	0.237	-0.010	12.203
	16683	3	110.000	-8.383	-0.467	-0.477	9.101	1.834	0.000	21.789	0.399	0.000	14.175

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [kNm/m]	M <sub>max</sub> [kNm/m]
	16684	4	110.000	-8.485	-0.407	-0.416	9.789	2.314	0.000	23.722	0.610	0.000	16.305
	16722	5	110.000	-8.586	-0.362	-0.372	10.463	2.783	0.000	25.617	0.869	0.000	18.592
Plate 5-18	16722	1	110.000	-8.586	-0.319	-0.329	10.452	2.888	0.000	25.593	0.869	0.000	18.592
(psp 600+pzi 610)	16724	2	110.000	-8.690	-0.354	-0.364	11.162	3.157	0.000	27.515	1.181	0.000	21.079
	16725	3	110.000	-8.793	-0.360	-0.370	11.834	3.504	0.000	29.382	1.524	0.000	23.733
	16726	4	110.000	-8.897	-0.326	-0.336	12.448	3.958	0.000	31.187	1.909	0.000	26.579
	16723	5	110.000	-9.000	-0.242	-0.253	12.998	4.548	0.000	32.917	2.347	0.000	29.590
Plate 6-19	16723	1	110.000	-9.000	-0.227	-0.237	13.010	4.604	0.000	32.935	2.347	0.000	29.590
(psp 600+pzi 610)	16704	2	110.000	-9.110	-0.035	-0.045	13.713	5.140	0.000	34.738	2.881	0.000	32.965
	16705	3	110.000	-9.220	0.231	0.000	14.402	5.905	0.000	36.539	3.487	0.000	36.694
	16706	4	110.000	-9.330	0.561	0.000	15.082	6.864	0.000	38.345	4.187	0.000	40.809
	16801	5	110.000	-9.440	0.946	0.000	15.754	7.983	0.000	40.163	5.002	0.000	45.120
Plate 6-20	16801	1	110.000	-9.440	0.947	0.000	15.755	7.971	0.000	40.167	5.002	0.000	45.120
(psp 600+pzi 610)	16802	2	110.000	-9.561	1.430	0.000	16.496	9.586	0.000	42.214	6.070	0.000	50.098
	16803	3	110.000	-9.682	1.801	0.000	17.331	10.827	0.000	44.293	7.308	0.000	55.327
	16804	4	110.000	-9.803	2.086	0.000	18.283	11.773	0.000	46.402	8.681	0.000	60.809
	16831	5	110.000	-9.924	2.308	0.000	19.244	12.505	0.000	48.538	10.152	0.000	66.551
Plate 6-21	16831	1	110.000	-9.924	2.371	0.000	19.244	12.715	0.000	48.536	10.152	0.000	66.551
(psp 600+pzi 610)	16832	2	110.000	-10.058	2.606	0.000	20.315	13.479	0.000	50.918	11.898	0.000	73.173
	16833	3	110.000	-10.191	2.835	0.000	21.398	14.218	0.000	53.322	13.744	0.000	80.117
	16834	4	110.000	-10.324	3.074	0.000	22.490	14.981	0.000	55.751	15.691	0.000	87.381
	16849	5	110.000	-10.458	3.337	0.000	23.591	15.812	0.000	58.197	17.742	0.000	94.964
Plate 6-22	16849	1	110.000	-10.458	3.286	0.000	23.585	15.632	0.000	58.185	17.742	0.000	94.964
(psp 600+pzi 610)	16850	2	110.000	-10.604	3.596	0.000	24.802	16.574	0.000	60.885	20.098	0.000	103.688
	16851	3	110.000	-10.751	4.016	0.000	26.003	17.885	0.000	63.545	22.629	0.000	112.808
	16852	4	110.000	-10.898	4.477	0.000	27.184	19.317	0.000	66.158	25.356	0.000	122.312
	17863	5	110.000	-11.045	4.905	-0.001	28.343	20.620	0.000	68.715	28.292	0.000	132.190
Plate 6-23	17863	1	110.000	-11.045	4.903	-0.001	28.328	20.611	0.000	68.680	28.292	0.000	132.190
(psp 600+pzi 610)	17864	2	110.000	-11.206	5.381	-0.001	29.553	22.033	0.000	71.384	31.724	0.000	143.485

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [kNm/m]	M <sub>max</sub> [kNm/m]
	17865	3	110.000	-11.368	6.113	-0.001	30.680	24.306	0.000	73.859	35.461	0.000	155.203
	17866	4	110.000	-11.530	7.069	-0.001	31.703	27.332	0.000	76.082	39.624	0.000	167.303
	18681	5	110.000	-11.691	8.221	-0.002	32.616	31.012	0.000	78.036	44.331	0.000	179.745
Plate 6-24	18681	1	110.000	-11.691	8.182	-0.002	32.578	30.884	0.000	77.958	44.331	0.000	179.745
(psp 600+pzl 610)	18682	2	110.000	-11.869	9.242	-0.002	33.388	34.214	0.000	79.672	50.131	0.000	193.758
	18683	3	110.000	-12.047	10.128	-0.002	33.888	36.950	0.000	80.686	56.472	0.000	208.018
	18684	4	110.000	-12.225	10.855	-0.002	34.064	39.150	0.000	80.966	63.254	0.000	222.389
	18967	5	110.000	-12.403	11.438	-0.002	33.899	40.868	0.000	80.477	70.379	0.000	236.732
Plate 6-25	18967	1	110.000	-12.403	11.470	-0.002	33.834	40.982	0.000	80.365	70.379	0.000	236.732
(psp 600+pzl 610)	18968	2	110.000	-12.599	12.303	-0.003	33.133	43.616	0.000	78.571	78.662	0.000	252.287
	18969	3	110.000	-12.795	13.109	-0.003	31.701	46.223	0.000	77.127	87.471	0.000	267.330
	18970	4	110.000	-12.991	13.837	-0.003	29.537	48.610	0.000	75.681	96.765	0.000	281.556
	20151	5	110.000	-13.187	14.433	-0.003	26.639	50.588	0.000	72.856	106.491	0.000	294.681
Plate 6-26	20151	1	110.000	-13.187	14.205	-0.003	26.847	49.840	0.000	72.897	106.491	0.000	294.681
(psp 600+pzl 610)	20152	2	110.000	-13.403	16.379	-0.572	23.190	56.774	0.000	76.438	118.012	0.000	307.735
	20153	3	110.000	-13.618	17.708	-1.388	21.833	61.273	0.000	76.241	130.826	0.000	319.180
	20154	4	110.000	-13.834	17.897	-2.386	20.864	62.240	0.000	71.759	144.202	0.000	328.659
	21141	5	110.000	-14.050	16.651	-3.553	18.728	58.579	0.000	62.997	157.335	0.000	335.841
Plate 6-27	21141	1	110.000	-14.050	16.359	-3.999	18.440	57.396	0.000	62.085	157.335	0.000	335.841
(psp 600+pzl 610)	21142	2	110.000	-14.287	13.350	-4.829	14.615	45.914	0.000	47.128	169.745	0.000	340.098
	21143	3	110.000	-14.525	8.653	-6.013	9.070	27.111	-14.049	27.164	178.566	0.000	339.921
	21144	4	110.000	-14.762	1.988	-9.918	1.990	0.897	-40.156	1.135	182.041	0.000	334.053
	21331	5	110.000	-15.000	-6.925	-18.520	0.930	-32.819	-72.003	0.000	178.400	0.000	321.190
Plate 7-28	21331	1	110.000	-15.000	-5.804	-17.030	0.915	-30.887	-74.136	0.000	178.400	0.000	321.190
(psp 600+pzl 610)	21332	2	110.000	-15.250	-4.284	-16.143	0.863	-39.926	-79.696	0.000	169.499	0.000	302.261
	21333	3	110.000	-15.500	-2.888	-15.337	0.808	-46.749	-83.903	0.000	158.624	0.000	281.998
	21334	4	110.000	-15.750	-1.607	-14.618	0.753	-51.609	-86.962	0.000	146.282	0.000	260.754
	22335	5	110.000	-16.000	-0.435	-13.950	0.699	-54.761	-89.024	0.000	132.959	0.000	238.902
Plate 7-29	22335	1	110.000	-16.000	-0.429	-13.941	0.701	-55.113	-89.270	0.000	132.959	0.000	238.902



Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [kNm/m]	M <sub>max</sub> [kNm/m]
(psp 600+pzi 610)	22336	2	110.000	-16.250	0.660	-13.294	0.661	-57.619	-90.986	0.000	118.854	0.000	216.536
	22337	3	110.000	-16.500	1.649	-12.677	1.650	-59.341	-92.124	0.000	104.215	0.000	193.818
	22338	4	110.000	-16.750	2.539	-12.091	2.540	-60.285	-92.674	0.000	89.242	0.000	170.880
	23097	5	110.000	-17.000	3.328	-11.535	3.329	-60.459	-92.623	0.000	74.136	0.000	147.920
Plate 7-30	23097	1	110.000	-17.000	3.323	-11.536	3.324	-60.356	-92.516	0.000	74.136	0.000	147.920
(psp 600+pzi 610)	23098	2	110.000	-17.250	4.016	-11.014	4.017	-59.924	-91.910	0.000	59.085	0.000	125.031
	23099	3	110.000	-17.500	4.591	-10.531	4.593	-58.445	-90.320	0.000	44.260	0.000	102.364
	23100	4	110.000	-17.750	5.044	-10.083	5.045	-55.802	-87.635	0.000	29.953	0.000	80.220
	24335	5	110.000	-18.000	5.368	-9.672	5.369	-51.883	-83.744	0.000	16.466	0.000	58.918
Plate 8-31	24335	1	110.000	-18.000	5.464	-9.687	5.465	-51.511	-83.193	0.000	16.466	0.000	58.918
(psp 600+pzi 610)	24338	2	110.000	-18.250	5.440	-8.327	5.441	-36.232	-64.302	0.000	5.514	0.000	40.637
	24337	3	110.000	-18.500	5.403	-7.093	5.404	-22.292	-48.211	0.000	-1.750	-1.896	26.790
	24336	4	110.000	-18.750	5.354	-6.000	5.355	-10.361	-34.718	0.000	-5.802	-5.965	17.193
	24907	5	110.000	-19.000	5.291	-5.012	5.291	-1.114	-24.034	0.000	-7.165	-7.375	11.513
Plate 8-32	24907	1	110.000	-19.000	5.030	-4.961	5.031	0.229	-24.572	0.291	-7.165	-7.375	11.513
(psp 600+pzi 610)	24908	2	110.000	-19.250	5.232	-4.015	5.232	6.764	-15.931	6.907	-6.298	-6.531	7.006
	24909	3	110.000	-19.500	4.398	-2.934	4.399	10.733	-11.437	11.051	-3.957	-4.142	3.650
	24910	4	110.000	-19.750	2.516	-1.682	2.517	9.350	-7.289	9.761	-1.376	-1.474	1.301
	24911	5	110.000	-20.000	-0.425	-0.425	0.000	-0.173	-7.754	0.161	0.000	0.000	0.000

[illegible]



Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [10 <sup>-3</sup> kNm/m]	M <sub>max</sub> [kNm/m]
	14407	5	110.000	-6.300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Plate 4-12	14407	1	110.000	-6.300	0.006	-0.017	0.024	0.014	-0.036	0.046	0.000	0.000	0.000
(psp 600+pzi 610)	14408	2	110.000	-6.385	-0.008	-0.019	0.082	-0.018	-0.033	0.168	0.000	-0.861	0.006
	14409	3	110.000	-6.470	-0.014	-0.014	0.182	-0.031	-0.031	0.362	-0.003	-2.526	0.028
	14410	4	110.000	-6.555	-0.012	-0.012	0.307	-0.030	-0.030	0.618	-0.005	-5.252	0.067
	14431	5	110.000	-6.640	-0.007	-0.007	0.544	-0.018	-0.018	1.094	-0.007	-7.331	0.128
Plate 4-13	14431	1	110.000	-6.640	-0.007	-0.007	0.520	-0.018	-0.018	1.064	-0.007	-7.331	0.128
(psp 600+pzi 610)	14432	2	110.000	-6.730	0.033	0.000	0.709	0.078	0.000	1.553	-0.003	-3.447	0.239
	14433	3	110.000	-6.820	0.032	0.000	0.876	0.073	0.000	2.021	0.003	0.000	0.397
	14434	4	110.000	-6.910	0.016	0.000	1.020	0.029	0.000	2.478	0.009	0.000	0.596
	15335	5	110.000	-7.000	0.007	0.000	1.120	0.005	0.000	2.923	0.009	0.000	0.835
Plate 5-14	15335	1	110.000	-7.000	0.111	0.000	1.132	0.262	0.000	2.921	0.009	0.000	0.835
(psp 600+pzi 610)	15336	2	110.000	-7.097	0.368	0.000	1.277	1.134	0.000	3.320	0.077	0.000	1.129
	15337	3	110.000	-7.193	0.610	0.000	1.421	1.972	0.000	3.696	0.228	0.000	1.461
	15338	4	110.000	-7.290	0.838	0.000	1.838	2.789	0.000	4.677	0.458	0.000	1.833
	15577	5	110.000	-7.387	1.053	0.000	2.293	3.599	0.000	5.747	0.767	0.000	2.236
Plate 5-15	15577	1	110.000	-7.387	1.095	0.000	2.332	3.684	0.000	5.809	0.767	0.000	2.236
(psp 600+pzi 610)	15578	2	110.000	-7.485	1.390	0.000	2.874	4.682	0.000	7.008	1.178	0.000	2.676
	15579	3	110.000	-7.583	1.699	0.000	3.427	5.723	0.000	8.229	1.689	0.000	3.142
	15580	4	110.000	-7.682	2.031	0.000	3.993	6.830	0.000	9.518	2.305	0.000	3.923
	16271	5	110.000	-7.780	2.397	0.000	4.577	8.024	0.000	10.843	3.034	0.000	4.915
Plate 5-16	16271	1	110.000	-7.780	2.413	0.000	4.594	8.055	0.000	10.874	3.034	0.000	4.915
(psp 600+pzi 610)	16272	2	110.000	-7.880	2.956	0.000	5.249	9.680	0.000	12.326	3.920	0.000	6.058
	16273	3	110.000	-7.980	3.538	0.000	5.937	11.399	0.000	13.843	4.973	0.000	7.343
	16274	4	110.000	-8.080	4.150	0.000	6.651	13.196	0.000	15.415	6.202	0.000	8.792
	16681	5	110.000	-8.180	4.785	0.000	7.383	15.051	0.000	17.035	7.613	0.000	10.402
Plate 5-17	16681	1	110.000	-8.180	4.771	0.000	7.370	15.025	0.000	17.015	7.613	0.000	10.402
(psp 600+pzi 610)	16682	2	110.000	-8.281	5.372	0.000	8.059	16.835	0.000	18.605	9.233	0.000	12.203
	16683	3	110.000	-8.383	5.949	0.000	8.718	18.618	0.000	20.173	11.035	0.000	14.175

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [10 <sup>-3</sup> kNm/m]	M <sub>max</sub> [kNm/m]
	16684	4	110.000	-8.485	6.510	0.000	9.352	20.383	0.000	21.738	13.019	0.000	16.305
	16722	5	110.000	-8.586	7.060	0.000	9.966	22.140	0.000	23.298	15.180	0.000	18.592
Plate 5-18	16722	1	110.000	-8.586	7.053	0.000	9.955	22.128	0.000	23.285	15.180	0.000	18.592
(psp 600+pzi 610)	16724	2	110.000	-8.690	7.626	0.000	10.575	23.957	0.000	24.914	17.561	0.000	21.079
	16725	3	110.000	-8.793	8.172	0.000	11.143	25.753	0.000	26.507	20.132	0.000	23.733
	16726	4	110.000	-8.897	8.686	0.000	11.653	27.506	0.000	28.055	22.886	0.000	26.549
	16723	5	110.000	-9.000	9.166	0.000	12.101	29.209	0.000	29.574	25.817	0.000	29.518
Plate 6-19	16723	1	110.000	-9.000	9.175	0.000	12.113	29.226	0.000	29.591	25.817	0.000	29.518
(psp 600+pzi 610)	16704	2	110.000	-9.110	9.891	0.000	12.702	31.023	0.000	31.312	29.130	0.000	32.848
	16705	3	110.000	-9.220	10.612	0.000	13.279	32.832	0.000	33.041	32.642	0.000	36.355
	16706	4	110.000	-9.330	11.340	0.000	13.847	34.660	0.000	34.785	36.354	0.000	40.046
	16801	5	110.000	-9.440	12.078	0.000	14.410	36.511	0.000	36.586	40.267	0.000	43.920
Plate 6-20	16801	1	110.000	-9.440	12.079	0.000	14.411	36.513	0.000	36.589	40.267	0.000	43.920
(psp 600+pzi 610)	16802	2	110.000	-9.561	12.910	0.000	15.033	38.599	0.000	38.625	44.813	0.000	48.399
	16803	3	110.000	-9.682	13.757	0.000	15.688	40.725	0.000	40.725	49.617	0.000	53.109
	16804	4	110.000	-9.803	14.620	0.000	16.341	42.888	0.000	42.888	54.680	0.000	58.051
	16831	5	110.000	-9.924	15.496	0.000	16.991	45.087	0.000	45.087	60.005	0.000	63.228
Plate 6-21	16831	1	110.000	-9.924	15.495	0.000	16.992	45.085	0.000	45.085	60.005	0.000	63.228
(psp 600+pzi 610)	16832	2	110.000	-10.058	16.474	0.000	17.722	47.541	0.000	47.541	66.178	0.000	69.206
	16833	3	110.000	-10.191	17.464	0.000	18.468	50.026	0.000	50.026	72.684	0.000	75.485
	16834	4	110.000	-10.324	18.464	0.000	19.221	52.535	0.000	52.535	79.522	0.000	82.064
	16849	5	110.000	-10.458	19.472	0.000	19.984	55.064	0.000	55.064	86.694	0.000	88.945
Plate 6-22	16849	1	110.000	-10.458	19.468	0.000	19.979	55.052	0.000	55.052	86.694	0.000	88.945
(psp 600+pzi 610)	16850	2	110.000	-10.604	20.583	0.000	20.858	57.850	0.000	57.850	94.979	0.000	96.874
	16851	3	110.000	-10.751	21.685	0.000	21.789	60.615	0.000	60.615	103.677	0.000	105.178
	16852	4	110.000	-10.898	22.771	0.000	22.771	63.340	0.000	63.340	112.778	0.000	113.869
	17863	5	110.000	-11.045	23.837	-0.001	23.837	66.016	0.000	66.016	122.271	0.000	123.129
Plate 6-23	17863	1	110.000	-11.045	23.824	-0.001	23.824	65.982	0.000	65.982	122.271	0.000	123.129
(psp 600+pzi 610)	17864	2	110.000	-11.206	24.957	-0.001	24.957	68.824	0.000	68.824	133.165	0.000	133.807

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [10 <sup>-3</sup> kNm/m]	M <sub>max</sub> [kNm/m]
	17865	3	110.000	-11.368	26.003	-0.001	26.003	71.446	0.000	71.446	144.507	0.000	144.915
	17866	4	110.000	-11.530	26.954	-0.001	26.954	73.833	0.000	73.833	156.254	0.000	156.518
	18681	5	110.000	-11.691	27.806	-0.002	27.806	75.966	0.000	75.966	168.361	0.000	168.506
Plate 6-24	18681	1	110.000	-11.691	27.777	-0.002	27.777	75.894	0.000	75.894	168.361	0.000	168.506
(psp 600+pzl 610)	18682	2	110.000	-11.869	28.548	-0.002	28.548	77.827	0.000	77.827	182.045	0.000	182.053
	18683	3	110.000	-12.047	29.060	-0.002	29.060	79.106	0.000	79.106	196.022	0.000	196.022
	18684	4	110.000	-12.225	29.301	-0.002	29.301	79.704	0.000	79.704	210.166	0.000	210.166
	18967	5	110.000	-12.403	29.258	-0.002	29.258	79.588	0.000	79.588	224.348	0.000	224.348
Plate 6-25	18967	1	110.000	-12.403	29.209	-0.002	29.209	79.465	0.000	79.465	224.348	0.000	224.348
(psp 600+pzl 610)	18968	2	110.000	-12.599	28.748	-0.003	28.748	78.300	0.000	78.300	239.823	0.000	239.823
	18969	3	110.000	-12.795	27.729	-0.003	27.729	75.730	0.000	75.730	254.940	0.000	254.940
	18970	4	110.000	-12.991	26.136	-0.003	26.136	71.717	0.000	71.717	269.412	0.000	269.412
	20151	5	110.000	-13.187	23.954	-0.003	23.954	66.225	0.000	66.225	282.948	0.000	282.948
Plate 6-26	20151	1	110.000	-13.187	23.902	-0.003	23.902	66.094	0.000	66.094	282.948	0.000	282.948
(psp 600+pzl 610)	20152	2	110.000	-13.403	21.140	-0.572	21.140	59.141	0.000	59.141	296.474	0.000	296.474
	20153	3	110.000	-13.618	17.829	-1.388	17.829	50.810	0.000	50.810	308.368	0.000	308.368
	20154	4	110.000	-13.834	13.882	-2.386	13.882	40.878	0.000	40.878	318.287	0.000	318.287
	21141	5	110.000	-14.050	9.211	-3.553	9.211	29.126	0.000	29.126	325.873	0.000	325.873
Plate 6-27	21141	1	110.000	-14.050	9.007	-3.999	9.007	27.851	0.000	27.851	325.873	0.000	325.873
(psp 600+pzl 610)	21142	2	110.000	-14.287	3.402	-4.829	4.380	11.543	0.000	13.152	330.635	0.000	330.635
	21143	3	110.000	-14.525	-2.274	-6.013	2.319	-9.656	-12.647	6.323	330.976	0.000	330.976
	21144	4	110.000	-14.762	-8.180	-8.180	1.661	-36.393	-37.010	1.135	325.608	0.000	325.608
	21331	5	110.000	-15.000	-14.477	-14.477	0.930	-69.315	-69.315	0.000	313.191	0.000	313.191
Plate 7-28	21331	1	110.000	-15.000	-13.093	-13.093	0.915	-71.043	-71.043	0.000	313.191	0.000	313.191
(psp 600+pzl 610)	21332	2	110.000	-15.250	-12.496	-12.496	0.863	-77.369	-77.369	0.000	294.605	0.000	294.605
	21333	3	110.000	-15.500	-11.950	-11.950	0.808	-82.002	-82.002	0.000	274.651	0.000	274.651
	21334	4	110.000	-15.750	-11.450	-11.450	0.753	-85.148	-85.148	0.000	253.718	0.000	253.718
	22335	5	110.000	-16.000	-10.987	-10.987	0.699	-87.011	-87.011	0.000	232.181	0.000	232.181
Plate 7-29	22335	1	110.000	-16.000	-10.979	-10.979	0.701	-87.270	-87.270	0.000	232.181	0.000	232.181

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [10 <sup>-3</sup> kNm/m]	M <sub>max</sub> [kNm/m]
(psp 600+pzi 610)	22336	2	110.000	-16.250	-10.527	-10.527	0.656	-88.690	-88.690	0.000	210.179	0.000	210.179
	22337	3	110.000	-16.500	-10.096	-10.096	0.615	-89.497	-89.497	0.000	187.887	0.000	187.887
	22338	4	110.000	-16.750	-9.685	-9.685	0.580	-89.686	-89.686	0.000	165.471	0.000	165.471
	23097	5	110.000	-17.000	-9.294	-9.294	0.550	-89.250	-89.250	0.000	143.096	0.000	143.096
Plate 7-30	23097	1	110.000	-17.000	-9.294	-9.294	0.549	-89.181	-89.181	0.000	143.096	0.000	143.096
(psp 600+pzi 610)	23098	2	110.000	-17.250	-8.918	-8.918	0.524	-88.188	-88.188	0.000	120.914	0.000	120.914
	23099	3	110.000	-17.500	-8.560	-8.560	0.502	-86.302	-86.302	0.000	99.076	0.000	99.089
	23100	4	110.000	-17.750	-8.223	-8.223	0.482	-83.437	-83.437	0.000	77.834	0.000	78.093
	24335	5	110.000	-18.000	-7.909	-7.909	0.463	-79.505	-79.505	0.000	57.447	0.000	57.996
Plate 8-31	24335	1	110.000	-18.000	-7.913	-7.913	0.462	-78.807	-78.807	0.000	57.447	0.000	57.996
(psp 600+pzi 610)	24338	2	110.000	-18.250	-6.901	-6.901	0.373	-61.540	-61.540	0.000	39.963	0.000	40.831
	24337	3	110.000	-18.500	-5.953	-5.953	0.294	-46.724	-46.724	0.000	26.471	0.000	27.515
	24336	4	110.000	-18.750	-5.068	-5.068	0.225	-34.156	-34.393	0.000	16.408	0.000	17.477
	24907	5	110.000	-19.000	-4.245	-4.245	0.164	-23.626	-24.459	0.000	9.225	0.000	11.513
Plate 8-32	24907	1	110.000	-19.000	-4.205	-4.205	0.158	-24.218	-24.983	0.000	9.225	0.000	11.513
(psp 600+pzi 610)	24908	2	110.000	-19.250	-3.404	-3.404	0.124	-13.532	-15.931	0.000	4.526	0.000	7.006
	24909	3	110.000	-19.500	-2.493	-2.493	0.090	-5.855	-11.437	0.000	2.238	0.000	3.650
	24910	4	110.000	-19.750	-1.445	-1.445	0.049	-3.234	-7.289	0.000	1.177	0.000	1.301
	24911	5	110.000	-20.000	-0.232	-0.232	0.000	-7.715	-7.715	0.000	0.000	0.000	0.000

[illegible]





Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [10 <sup>-3</sup> kNm/m]	M <sub>max</sub> [kNm/m]
	14407	5	110.000	-6.300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Plate 4-12	14407	1	110.000	-6.300	0.000	-0.017	0.024	-0.002	-0.036	0.046	0.000	0.000	0.000
(psp 600+pzi 610)	14408	2	110.000	-6.385	-0.006	-0.019	0.082	-0.005	-0.033	0.168	0.000	-1.339	0.006
	14409	3	110.000	-6.470	-0.022	-0.039	0.182	-0.025	-0.060	0.362	-0.001	-3.980	0.028
	14410	4	110.000	-6.555	-0.050	-0.072	0.307	-0.051	-0.100	0.618	-0.005	-10.460	0.067
	14431	5	110.000	-6.640	-0.095	-0.101	0.544	-0.071	-0.157	1.094	-0.010	-20.022	0.128
Plate 4-13	14431	1	110.000	-6.640	-0.097	-0.101	0.520	-0.085	-0.172	1.064	-0.010	-20.022	0.128
(psp 600+pzi 610)	14432	2	110.000	-6.730	-0.146	-0.154	0.709	-0.091	-0.190	1.553	-0.017	-35.840	0.239
	14433	3	110.000	-6.820	-0.216	-0.228	0.876	-0.119	-0.254	2.021	-0.027	-54.935	0.397
	14434	4	110.000	-6.910	-0.303	-0.318	1.020	-0.160	-0.335	2.478	-0.039	-79.474	0.596
	15335	5	110.000	-7.000	-0.405	-0.421	1.120	-0.201	-0.407	2.923	-0.056	-111.261	0.835
Plate 5-14	15335	1	110.000	-7.000	-0.406	-0.420	1.132	-0.200	-0.424	2.921	-0.056	-111.261	0.835
(psp 600+pzi 610)	15336	2	110.000	-7.097	-0.502	-0.522	1.277	-0.064	-0.318	3.320	-0.068	-144.652	1.129
	15337	3	110.000	-7.193	-0.630	-0.661	1.421	0.035	-0.202	3.696	-0.069	-170.197	1.461
	15338	4	110.000	-7.290	-0.780	-0.820	1.838	0.117	-0.103	4.677	-0.062	-181.887	1.833
	15577	5	110.000	-7.387	-0.942	-0.984	2.293	0.200	-0.045	5.747	-0.047	-174.234	2.236
Plate 5-15	15577	1	110.000	-7.387	-0.871	-0.930	2.332	0.308	0.000	5.809	-0.047	-174.234	2.236
(psp 600+pzi 610)	15578	2	110.000	-7.485	-1.116	-1.148	2.874	0.284	0.000	7.008	-0.017	-151.433	2.676
	15579	3	110.000	-7.583	-1.317	-1.317	3.427	0.301	0.000	8.229	0.010	-149.978	3.142
	15580	4	110.000	-7.682	-1.453	-1.453	3.993	0.407	0.000	9.518	0.045	-142.863	3.923
	16271	5	110.000	-7.780	-1.506	-1.506	4.577	0.649	0.000	10.843	0.095	-120.380	4.915
Plate 5-16	16271	1	110.000	-7.780	-1.505	-1.505	4.594	0.625	0.000	10.874	0.095	-120.380	4.915
(psp 600+pzi 610)	16272	2	110.000	-7.880	-1.456	-1.456	5.249	0.968	0.000	12.326	0.174	-67.741	6.058
	16273	3	110.000	-7.980	-1.383	-1.383	5.937	1.377	0.000	13.843	0.291	0.000	7.343
	16274	4	110.000	-8.080	-1.298	-1.298	6.651	1.826	0.000	15.415	0.451	0.000	8.792
	16681	5	110.000	-8.180	-1.214	-1.214	7.383	2.284	0.000	17.035	0.656	0.000	10.402
Plate 5-17	16681	1	110.000	-8.180	-1.194	-1.194	7.370	2.301	0.000	17.015	0.656	0.000	10.402
(psp 600+pzi 610)	16682	2	110.000	-8.281	-1.081	-1.081	8.059	2.778	0.000	18.605	0.913	0.000	12.203
	16683	3	110.000	-8.383	-0.924	-0.924	8.718	3.387	0.000	20.173	1.226	0.000	14.175

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [10 <sup>-3</sup> kNm/m]	M <sub>max</sub> [kNm/m]
	16684	4	110.000	-8.485	-0.722	-0.722	9.352	4.121	0.000	21.738	1.606	0.000	16.305
	16722	5	110.000	-8.586	-0.475	-0.475	9.966	4.972	0.000	23.298	2.067	0.000	18.592
Plate 5-18	16722	1	110.000	-8.586	-0.458	-0.458	9.955	5.012	0.000	23.285	2.067	0.000	18.592
(psp 600+pzi 610)	16724	2	110.000	-8.690	-0.165	-0.165	10.575	5.986	0.000	24.914	2.632	0.000	21.079
	16725	3	110.000	-8.793	0.225	0.000	11.143	7.267	0.000	26.507	3.316	0.000	23.733
	16726	4	110.000	-8.897	0.663	0.000	11.653	8.778	0.000	28.055	4.143	0.000	26.549
	16723	5	110.000	-9.000	1.100	0.000	12.101	10.444	0.000	29.574	5.136	0.000	29.518
Plate 6-19	16723	1	110.000	-9.000	1.087	0.000	12.113	10.374	0.000	29.591	5.136	0.000	29.518
(psp 600+pzi 610)	16704	2	110.000	-9.110	1.524	0.000	12.702	11.778	0.000	31.312	6.354	0.000	32.848
	16705	3	110.000	-9.220	1.954	0.000	13.279	13.115	0.000	33.041	7.724	0.000	36.355
	16706	4	110.000	-9.330	2.382	0.000	13.847	14.379	0.000	34.785	9.237	0.000	40.046
	16801	5	110.000	-9.440	2.810	0.000	14.410	15.565	0.000	36.586	10.884	0.000	43.920
Plate 6-20	16801	1	110.000	-9.440	2.819	0.000	14.411	15.585	0.000	36.589	10.884	0.000	43.920
(psp 600+pzi 610)	16802	2	110.000	-9.561	3.322	0.000	15.033	16.831	0.000	38.625	12.847	0.000	48.399
	16803	3	110.000	-9.682	3.865	0.000	15.688	18.091	0.000	40.725	14.961	0.000	53.109
	16804	4	110.000	-9.803	4.448	0.000	16.341	19.368	0.000	42.888	17.230	0.000	58.051
	16831	5	110.000	-9.924	5.071	0.000	16.991	20.666	0.000	45.087	19.653	0.000	63.228
Plate 6-21	16831	1	110.000	-9.924	5.078	0.000	16.992	20.696	0.000	45.085	19.653	0.000	63.228
(psp 600+pzi 610)	16832	2	110.000	-10.058	5.809	0.000	17.722	22.172	0.000	47.541	22.509	0.000	69.206
	16833	3	110.000	-10.191	6.604	0.000	18.468	23.771	0.000	50.026	25.571	0.000	75.485
	16834	4	110.000	-10.324	7.464	0.000	19.221	25.500	0.000	52.535	28.855	0.000	82.064
	16849	5	110.000	-10.458	8.388	0.000	19.984	27.366	0.000	55.064	32.377	0.000	88.945
Plate 6-22	16849	1	110.000	-10.458	8.400	0.000	19.979	27.410	0.000	55.052	32.377	0.000	88.945
(psp 600+pzi 610)	16850	2	110.000	-10.604	9.494	0.000	20.858	29.660	0.000	57.850	36.560	0.000	96.874
	16851	3	110.000	-10.751	10.697	0.000	21.789	32.209	0.000	60.615	41.100	0.000	105.178
	16852	4	110.000	-10.898	11.988	0.000	22.771	34.994	0.000	63.340	46.031	0.000	113.869
	17863	5	110.000	-11.045	13.348	-0.001	23.837	37.952	0.000	66.821	51.382	0.000	123.129
Plate 6-23	17863	1	110.000	-11.045	13.333	-0.001	23.824	37.968	0.000	66.790	51.382	0.000	123.129
(psp 600+pzi 610)	17864	2	110.000	-11.206	15.043	-0.001	24.957	41.560	0.000	70.604	57.802	0.000	133.807

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [10 <sup>-3</sup> kNm/m]	M <sub>max</sub> [kNm/m]
	17865	3	110.000	-11.368	16.839	-0.001	26.003	45.487	0.000	74.292	64.836	0.000	144.915
	17866	4	110.000	-11.530	18.691	-0.001	26.954	49.663	0.000	77.795	72.523	0.000	156.518
	18681	5	110.000	-11.691	20.568	-0.002	27.806	53.998	0.000	81.046	80.898	0.000	168.506
Plate 6-24	18681	1	110.000	-11.691	20.511	-0.002	27.777	53.867	0.000	81.009	80.898	0.000	168.506
(psp 600+pzl 610)	18682	2	110.000	-11.869	22.377	-0.002	28.548	58.337	0.000	84.150	90.890	0.000	182.053
	18683	3	110.000	-12.047	23.874	-0.002	29.060	62.072	0.000	86.911	101.617	0.000	196.022
	18684	4	110.000	-12.225	25.011	-0.002	29.301	65.083	0.000	89.145	112.945	0.000	210.166
	18967	5	110.000	-12.403	25.801	-0.002	29.258	67.385	0.000	90.375	124.740	0.000	224.348
Plate 6-25	18967	1	110.000	-12.403	25.816	-0.002	29.209	67.256	0.000	90.292	124.740	0.000	224.348
(psp 600+pzl 610)	18968	2	110.000	-12.599	26.605	-0.003	29.128	68.815	0.000	90.507	138.093	0.000	239.823
	18969	3	110.000	-12.795	26.998	-0.003	29.126	68.715	0.000	89.043	151.599	0.000	254.940
	18970	4	110.000	-12.991	26.972	-0.003	28.751	66.916	0.000	85.826	164.917	0.000	269.412
	20151	5	110.000	-13.187	26.505	-0.003	28.053	63.374	0.000	80.747	177.707	0.000	282.948
Plate 6-26	20151	1	110.000	-13.187	26.452	-0.003	28.003	63.325	0.000	80.638	177.707	0.000	282.948
(psp 600+pzl 610)	20152	2	110.000	-13.403	25.646	-0.572	27.036	58.256	0.000	73.698	190.839	0.000	296.700
	20153	3	110.000	-13.618	24.401	-1.388	25.626	51.898	0.000	65.035	202.752	0.000	308.979
	20154	4	110.000	-13.834	22.641	-2.386	23.689	44.073	0.000	54.436	213.131	0.000	319.337
	21141	5	110.000	-14.050	20.290	-3.553	21.147	34.603	0.000	41.697	221.648	0.000	327.434
Plate 6-27	21141	1	110.000	-14.050	20.166	-3.999	21.024	33.482	0.000	40.344	221.648	0.000	327.434
(psp 600+pzl 610)	21142	2	110.000	-14.287	15.904	-4.829	16.543	20.120	0.000	22.673	228.087	0.000	332.850
	21143	3	110.000	-14.525	10.852	-6.013	11.280	2.630	-12.647	6.323	230.883	0.000	333.895
	21144	4	110.000	-14.762	5.069	-10.486	5.317	-19.384	-37.010	1.135	228.978	0.000	329.197
	21331	5	110.000	-15.000	-1.382	-18.073	0.930	-46.319	-69.315	0.000	221.282	0.000	317.332
Plate 7-28	21331	1	110.000	-15.000	-0.573	-16.983	0.915	-44.720	-71.043	0.000	221.282	0.000	317.332
(psp 600+pzl 610)	21332	2	110.000	-15.250	0.552	-16.130	0.863	-51.237	-77.369	0.000	209.248	0.000	299.147
	21333	3	110.000	-15.500	1.582	-15.344	1.668	-55.973	-82.002	0.000	195.815	0.000	279.435
	21334	4	110.000	-15.750	2.524	-14.617	2.599	-59.181	-85.148	0.000	181.382	0.000	258.612
	22335	5	110.000	-16.000	3.384	-13.940	3.447	-61.109	-87.387	0.000	166.328	0.000	237.072
Plate 7-29	22335	1	110.000	-16.000	3.389	-13.931	3.452	-61.414	-87.721	0.000	166.328	0.000	237.072

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [10 <sup>-3</sup> kNm/m]	M <sub>max</sub> [kNm/m]
(psp 600+pzi 610)	22336	2	110.000	-16.250	4.191	-13.273	4.240	-62.947	-89.566	0.000	150.774	0.000	214.968
	22337	3	110.000	-16.500	4.914	-12.646	4.950	-63.911	-90.696	0.000	134.901	0.000	192.493
	22338	4	110.000	-16.750	5.557	-12.048	5.580	-64.300	-91.116	0.000	118.860	0.000	169.821
	23097	5	110.000	-17.000	6.121	-11.481	6.131	-64.111	-90.817	0.000	102.800	0.000	147.126
Plate 7-30	23097	1	110.000	-17.000	6.116	-11.481	6.126	-64.048	-90.736	0.000	102.800	0.000	147.126
(psp 600+pzi 610)	23098	2	110.000	-17.250	6.600	-10.938	6.600	-63.376	-89.855	0.000	86.860	0.000	124.568
	23099	3	110.000	-17.500	6.986	-10.425	6.986	-61.889	-88.104	0.000	71.179	0.000	102.303
	23100	4	110.000	-17.750	7.270	-9.944	7.270	-59.502	-85.382	0.000	55.984	0.000	80.592
	24335	5	110.000	-18.000	7.448	-9.499	7.448	-56.132	-81.538	0.000	41.511	0.000	59.752
Plate 8-31	24335	1	110.000	-18.000	7.507	-9.476	7.507	-55.907	-80.743	0.000	41.511	0.000	59.752
(psp 600+pzi 610)	24338	2	110.000	-18.250	7.375	-8.329	7.375	-42.855	-63.385	0.000	29.214	0.000	42.156
	24337	3	110.000	-18.500	7.224	-7.207	7.224	-31.976	-48.412	0.000	19.902	0.000	28.467
	24336	4	110.000	-18.750	7.060	-6.042	7.060	-23.235	-35.672	0.000	13.044	0.000	18.099
	24907	5	110.000	-19.000	6.885	-4.904	6.885	-16.599	-25.315	0.000	8.109	0.000	11.513
Plate 8-32	24907	1	110.000	-19.000	6.666	-4.904	6.666	-14.965	-25.965	0.000	8.109	0.000	11.513
(psp 600+pzi 610)	24908	2	110.000	-19.250	6.360	-3.854	6.360	-9.435	-15.931	0.000	5.078	-574.878	7.006
	24909	3	110.000	-19.500	5.118	-2.756	5.118	-5.961	-11.437	1.698	3.237	-894.324	3.650
	24910	4	110.000	-19.750	2.878	-1.577	2.878	-5.710	-7.289	3.148	1.828	-200.842	1.828
	24911	5	110.000	-20.000	-0.424	-0.424	0.000	-9.849	-9.849	0.000	0.000	0.000	0.000

[illegible]



Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [10 <sup>-3</sup> kNm/m]	M <sub>max</sub> [kNm/m]
	14407	5	110.000	-6.300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Plate 4-12	14407	1	110.000	-6.300	0.000	-0.014	0.024	0.001	-0.022	0.046	0.000	0.000	0.000
(psp 600+pzi 610)	14408	2	110.000	-6.385	-0.006	-0.019	0.082	-0.005	-0.033	0.168	0.000	-0.861	0.006
	14409	3	110.000	-6.470	-0.023	-0.027	0.182	-0.017	-0.051	0.362	-0.001	-3.727	0.028
	14410	4	110.000	-6.555	-0.054	-0.059	0.307	-0.038	-0.106	0.618	-0.003	-9.469	0.067
	14431	5	110.000	-6.640	-0.099	-0.115	0.544	-0.068	-0.188	1.094	-0.008	-21.786	0.128
Plate 4-13	14431	1	110.000	-6.640	-0.101	-0.112	0.520	-0.070	-0.184	1.064	-0.008	-21.786	0.128
(psp 600+pzi 610)	14432	2	110.000	-6.730	-0.165	-0.176	0.709	-0.110	-0.271	1.553	-0.016	-42.145	0.239
	14433	3	110.000	-6.820	-0.244	-0.253	0.876	-0.159	-0.356	2.021	-0.028	-70.459	0.397
	14434	4	110.000	-6.910	-0.335	-0.343	1.020	-0.210	-0.429	2.478	-0.044	-105.777	0.596
	15335	5	110.000	-7.000	-0.437	-0.443	1.120	-0.254	-0.479	2.923	-0.065	-146.851	0.835
Plate 5-14	15335	1	110.000	-7.000	-0.419	-0.431	1.132	-0.229	-0.470	2.921	-0.065	-146.851	0.835
(psp 600+pzi 610)	15336	2	110.000	-7.097	-0.527	-0.529	1.277	-0.130	-0.332	3.320	-0.083	-185.100	1.129
	15337	3	110.000	-7.193	-0.603	-0.605	1.421	-0.028	-0.225	3.696	-0.090	-212.225	1.461
	15338	4	110.000	-7.290	-0.638	-0.639	1.565	0.085	-0.118	4.306	-0.088	-228.658	1.833
	15577	5	110.000	-7.387	-0.624	-0.625	1.872	0.220	0.000	5.312	-0.073	-233.873	2.236
Plate 5-15	15577	1	110.000	-7.387	-0.631	-0.632	1.900	0.226	0.000	5.361	-0.073	-233.873	2.236
(psp 600+pzi 610)	15578	2	110.000	-7.485	-0.607	-0.608	2.302	0.427	0.000	6.487	-0.043	-221.642	2.676
	15579	3	110.000	-7.583	-0.529	-0.531	2.717	0.789	0.000	7.671	0.016	-179.808	3.142
	15580	4	110.000	-7.682	-0.401	-0.402	3.147	1.311	0.000	8.896	0.118	-93.004	3.635
	16271	5	110.000	-7.780	-0.223	-0.224	3.597	1.988	0.000	10.168	0.279	0.000	4.557
Plate 5-16	16271	1	110.000	-7.780	-0.216	-0.218	3.610	2.005	0.000	10.192	0.279	0.000	4.557
(psp 600+pzi 610)	16272	2	110.000	-7.880	-0.075	-0.076	4.099	2.636	0.000	11.556	0.510	0.000	5.643
	16273	3	110.000	-7.980	0.098	0.000	4.632	3.366	0.000	13.014	0.809	0.000	6.871
	16274	4	110.000	-8.080	0.289	0.000	5.193	4.163	0.000	14.532	1.185	0.000	8.247
	16681	5	110.000	-8.180	0.485	0.000	5.764	4.993	0.000	16.152	1.643	0.000	9.777
Plate 5-17	16681	1	110.000	-8.180	0.491	0.000	5.752	5.009	0.000	16.124	1.643	0.000	9.777
(psp 600+pzi 610)	16682	2	110.000	-8.281	0.645	0.000	6.278	5.763	0.000	17.711	2.190	0.000	11.485
	16683	3	110.000	-8.383	0.792	0.000	6.752	6.524	0.000	19.195	2.814	0.000	13.337



Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [10 <sup>-3</sup> kNm/m]	M <sub>max</sub> [kNm/m]
	16684	4	110.000	-8.485	0.944	0.000	7.190	7.320	0.000	20.604	3.518	0.000	15.326
	16722	5	110.000	-8.586	1.112	0.000	7.607	8.178	0.000	21.968	4.305	0.000	17.445
Plate 5-18	16722	1	110.000	-8.586	1.107	0.000	7.599	8.165	0.000	21.951	4.305	0.000	17.445
(psp 600+pzi 610)	16724	2	110.000	-8.690	1.345	0.000	8.034	9.226	0.000	23.351	5.200	0.000	19.736
	16725	3	110.000	-8.793	1.681	0.000	8.439	10.554	0.000	24.701	6.223	0.000	22.202
	16726	4	110.000	-8.897	2.054	0.000	8.804	11.999	0.000	25.988	7.387	0.000	24.810
	16723	5	110.000	-9.000	2.403	0.000	9.116	13.411	0.000	27.161	8.702	0.000	27.549
Plate 6-19	16723	1	110.000	-9.000	2.404	0.000	9.120	13.421	0.000	27.169	8.702	0.000	27.549
(psp 600+pzi 610)	16704	2	110.000	-9.110	2.821	0.000	9.545	14.778	0.000	28.310	10.251	0.000	30.587
	16705	3	110.000	-9.220	3.280	0.000	9.961	16.267	0.000	29.428	11.957	0.000	33.746
	16706	4	110.000	-9.330	3.777	0.000	10.370	17.880	0.000	30.522	13.834	0.000	37.020
	16801	5	110.000	-9.440	4.310	0.000	10.778	19.608	0.000	31.590	15.894	0.000	40.406
Plate 6-20	16801	1	110.000	-9.440	4.312	0.000	10.773	19.616	0.000	31.577	15.894	0.000	40.406
(psp 600+pzi 610)	16802	2	110.000	-9.561	4.912	0.000	11.212	21.558	0.000	32.702	18.387	0.000	44.261
	16803	3	110.000	-9.682	5.501	0.000	11.638	23.466	0.000	33.798	21.114	0.000	48.246
	16804	4	110.000	-9.803	6.079	0.000	12.054	25.333	0.000	34.926	24.070	0.000	52.356
	16831	5	110.000	-9.924	6.642	0.000	12.459	27.153	0.000	35.992	27.248	0.000	56.583
Plate 6-21	16831	1	110.000	-9.924	6.631	0.000	12.458	27.120	0.000	35.992	27.248	0.000	56.583
(psp 600+pzi 610)	16832	2	110.000	-10.058	7.178	0.000	12.879	28.887	0.000	37.068	30.982	0.000	61.369
	16833	3	110.000	-10.191	7.691	0.000	13.276	30.542	0.000	38.047	34.946	0.000	66.286
	16834	4	110.000	-10.324	8.170	0.000	13.648	32.088	0.000	38.928	39.123	0.000	71.324
	16849	5	110.000	-10.458	8.617	0.000	13.996	33.529	0.000	39.710	43.498	0.000	76.470
Plate 6-22	16849	1	110.000	-10.458	8.618	0.000	13.993	33.534	0.000	39.705	43.498	0.000	76.470
(psp 600+pzi 610)	16850	2	110.000	-10.604	9.101	0.000	14.345	35.089	0.000	40.455	48.534	0.000	82.254
	16851	3	110.000	-10.751	9.560	0.000	14.652	36.577	0.000	41.435	53.797	0.000	88.153
	16852	4	110.000	-10.898	9.993	0.000	14.914	37.984	0.000	42.367	59.271	0.000	94.145
	17863	5	110.000	-11.045	10.395	-0.001	15.127	39.297	0.000	43.076	64.944	0.000	100.202
Plate 6-23	17863	1	110.000	-11.045	10.385	-0.001	15.133	39.262	0.000	43.078	64.944	0.000	100.202
(psp 600+pzi 610)	17864	2	110.000	-11.206	10.738	-0.001	15.297	40.417	0.000	43.549	71.387	0.000	106.940

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [10 <sup>-3</sup> kNm/m]	M <sub>max</sub> [kNm/m]
	17865	3	110.000	-11.368	10.970	-0.001	15.386	41.180	0.000	43.675	77.988	0.000	113.715
	17866	4	110.000	-11.530	11.076	-0.001	15.395	41.531	0.000	43.492	84.679	0.000	120.492
	18681	5	110.000	-11.691	11.049	-0.002	15.322	41.449	0.000	43.423	91.390	0.000	127.231
Plate 6-24	18681	1	110.000	-11.691	11.047	-0.002	15.325	41.441	0.000	43.419	91.390	0.000	127.231
(psp 600+pzl 610)	18682	2	110.000	-11.869	10.902	-0.002	15.214	40.977	0.000	44.212	98.727	0.000	134.580
	18683	3	110.000	-12.047	10.660	-0.002	15.098	40.189	0.000	44.917	105.955	0.000	141.849
	18684	4	110.000	-12.225	10.327	-0.002	14.979	39.099	0.000	45.284	113.016	0.000	149.026
	18967	5	110.000	-12.403	9.908	-0.002	14.857	37.725	0.000	45.286	119.854	0.000	156.162
Plate 6-25	18967	1	110.000	-12.403	9.971	-0.002	14.870	37.931	0.000	45.248	119.854	0.000	156.162
(psp 600+pzl 610)	18968	2	110.000	-12.599	9.508	-0.003	14.726	36.408	0.000	44.608	127.160	0.000	164.134
	18969	3	110.000	-12.795	8.816	-0.003	14.235	34.130	0.000	43.464	134.064	0.000	171.970
	18970	4	110.000	-12.991	8.111	-0.003	13.596	31.805	0.000	41.764	140.535	0.000	179.532
	20151	5	110.000	-13.187	7.611	-0.003	13.009	30.144	0.000	39.525	146.580	0.000	186.760
Plate 6-26	20151	1	110.000	-13.187	7.577	-0.003	13.042	30.031	0.000	39.482	146.580	0.000	186.760
(psp 600+pzl 610)	20152	2	110.000	-13.403	7.900	-0.572	12.552	31.054	0.000	36.208	153.177	0.000	194.489
	20153	3	110.000	-13.618	8.012	-1.388	11.330	31.382	0.000	32.754	159.930	0.000	201.733
	20154	4	110.000	-13.834	7.863	-2.386	9.509	30.857	0.000	30.909	166.659	0.000	208.139
	21141	5	110.000	-14.050	7.407	-3.553	7.605	29.321	0.000	29.374	173.170	0.000	213.381
Plate 6-27	21141	1	110.000	-14.050	7.170	-3.999	7.489	28.548	0.000	28.601	173.170	0.000	213.381
(psp 600+pzl 610)	21142	2	110.000	-14.287	5.322	-4.829	5.497	22.461	0.000	22.513	179.303	0.000	217.293
	21143	3	110.000	-14.525	2.169	-6.013	2.319	12.096	-2.667	12.149	183.506	0.000	218.646
	21144	4	110.000	-14.762	-2.415	-7.537	1.661	-2.955	-17.241	1.135	184.680	0.000	216.559
	21331	5	110.000	-15.000	-8.555	-13.038	0.930	-23.102	-37.761	0.000	181.694	0.000	210.179
Plate 7-28	21331	1	110.000	-15.000	-8.231	-11.239	0.915	-25.303	-39.542	0.000	181.694	0.000	210.179
(psp 600+pzl 610)	21332	2	110.000	-15.250	-7.942	-10.901	0.863	-32.462	-44.435	0.000	174.444	0.000	199.715
	21333	3	110.000	-15.500	-7.681	-10.587	0.808	-38.256	-48.427	0.000	165.578	0.000	188.126
	21334	4	110.000	-15.750	-7.441	-10.294	0.753	-42.826	-51.669	0.000	155.413	0.000	175.642
	22335	5	110.000	-16.000	-7.216	-10.016	0.699	-46.314	-54.180	0.000	144.254	0.000	162.430
Plate 7-29	22335	1	110.000	-16.000	-7.210	-10.010	0.701	-46.447	-54.290	0.000	144.254	0.000	162.430

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [10 <sup>-3</sup> kNm/m]	M <sub>max</sub> [kNm/m]
(psp 600+pzi 610)	22336	2	110.000	-16.250	-6.979	-9.724	0.656	-49.337	-56.482	0.000	132.271	0.000	148.596
	22337	3	110.000	-16.500	-6.752	-9.440	0.615	-51.644	-58.261	0.000	119.634	0.000	134.256
	22338	4	110.000	-16.750	-6.526	-9.157	0.580	-53.378	-59.613	0.000	106.491	0.000	119.525
	23097	5	110.000	-17.000	-6.304	-8.875	0.550	-54.548	-60.526	0.000	92.992	0.000	104.521
Plate 7-30	23097	1	110.000	-17.000	-6.306	-8.876	0.549	-54.463	-60.454	0.000	92.992	0.000	104.521
(psp 600+pzi 610)	23098	2	110.000	-17.250	-6.082	-8.593	0.524	-55.227	-60.956	0.000	79.270	0.000	89.360
	23099	3	110.000	-17.500	-5.867	-8.319	0.502	-55.253	-60.763	0.000	65.438	0.000	74.194
	23100	4	110.000	-17.750	-5.665	-8.051	0.482	-54.431	-59.764	0.000	51.708	0.000	59.472
	24335	5	110.000	-18.000	-5.478	-7.791	0.463	-52.655	-57.876	0.000	38.304	0.000	45.608
Plate 8-31	24335	1	110.000	-18.000	-5.508	-7.799	0.462	-51.978	-57.350	0.000	38.304	0.000	45.608
(psp 600+pzi 610)	24338	2	110.000	-18.250	-4.838	-6.927	0.373	-40.492	-45.788	0.000	26.780	0.000	33.593
	24337	3	110.000	-18.500	-4.249	-6.093	0.294	-30.581	-35.941	0.000	17.927	0.000	24.199
	24336	4	110.000	-18.750	-3.746	-5.295	0.225	-22.241	-27.506	0.000	11.355	0.000	17.193
	24907	5	110.000	-19.000	-3.332	-4.533	0.164	-15.469	-21.136	0.000	6.675	0.000	11.513
Plate 8-32	24907	1	110.000	-19.000	-3.251	-4.473	0.158	-15.931	-21.405	0.000	6.675	0.000	11.513
(psp 600+pzi 610)	24908	2	110.000	-19.250	-2.920	-3.745	0.124	-8.853	-15.931	0.000	3.593	0.000	7.006
	24909	3	110.000	-19.500	-2.364	-2.818	0.090	-4.102	-11.437	0.000	2.077	0.000	3.650
	24910	4	110.000	-19.750	-1.520	-1.661	0.049	-3.211	-7.289	0.000	1.220	0.000	1.301
	24911	5	110.000	-20.000	-0.324	-0.325	0.000	-7.714	-7.807	0.000	0.000	0.000	0.000

### 3.1.1.1.13 Calculation results, Plate, FS 1° scavo [Phase\_11] (29/609), Table of plate force envelopes

[illegible]



Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [10 <sup>-3</sup> kNm/m]	M <sub>max</sub> [kNm/m]
	14407	5	110.000	-6.300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Plate 4-12	14407	1	110.000	-6.300	0.000	-0.014	0.015	0.001	-0.022	0.039	0.000	0.000	0.000
(psp 600+pzi 610)	14408	2	110.000	-6.385	-0.006	-0.011	0.082	-0.007	-0.028	0.168	0.000	-0.619	0.006
	14409	3	110.000	-6.470	-0.026	-0.027	0.182	-0.024	-0.054	0.362	-0.001	-3.249	0.028
	14410	4	110.000	-6.555	-0.059	-0.060	0.307	-0.049	-0.117	0.618	-0.004	-10.359	0.067
	14431	5	110.000	-6.640	-0.106	-0.109	0.544	-0.083	-0.204	1.094	-0.010	-23.851	0.128
Plate 4-13	14431	1	110.000	-6.640	-0.106	-0.109	0.520	-0.095	-0.206	1.064	-0.010	-23.851	0.128
(psp 600+pzi 610)	14432	2	110.000	-6.730	-0.169	-0.172	0.709	-0.142	-0.293	1.553	-0.020	-45.975	0.239
	14433	3	110.000	-6.820	-0.250	-0.252	0.876	-0.205	-0.393	2.021	-0.036	-77.061	0.397
	14434	4	110.000	-6.910	-0.344	-0.344	1.026	-0.267	-0.481	2.478	-0.057	-116.342	0.596
	15335	5	110.000	-7.000	-0.442	-0.444	1.146	-0.314	-0.533	2.942	-0.084	-162.393	0.835
Plate 5-14	15335	1	110.000	-7.000	-0.424	-0.427	1.152	-0.299	-0.528	2.942	-0.084	-162.393	0.835
(psp 600+pzi 610)	15336	2	110.000	-7.097	-0.540	-0.542	1.319	-0.223	-0.421	3.425	-0.109	-208.220	1.129
	15337	3	110.000	-7.193	-0.612	-0.614	1.503	-0.111	-0.311	3.995	-0.125	-243.671	1.461
	15338	4	110.000	-7.290	-0.642	-0.643	1.675	0.017	-0.196	4.516	-0.130	-268.240	1.840
	15577	5	110.000	-7.387	-0.631	-0.632	1.821	0.140	-0.072	5.151	-0.122	-281.320	2.254
Plate 5-15	15577	1	110.000	-7.387	-0.637	-0.637	1.829	0.154	-0.047	5.161	-0.122	-281.320	2.254
(psp 600+pzi 610)	15578	2	110.000	-7.485	-0.637	-0.637	1.985	0.303	0.000	5.786	-0.101	-277.673	2.753
	15579	3	110.000	-7.583	-0.612	-0.612	2.134	0.541	0.000	6.405	-0.060	-252.226	3.305
	15580	4	110.000	-7.682	-0.560	-0.560	2.285	0.873	0.000	6.999	0.009	-196.471	3.896
	16271	5	110.000	-7.780	-0.481	-0.481	2.443	1.303	0.000	7.574	0.115	-101.775	4.522
Plate 5-16	16271	1	110.000	-7.780	-0.477	-0.477	2.442	1.312	0.000	7.577	0.115	-101.775	4.522
(psp 600+pzi 610)	16272	2	110.000	-7.880	-0.370	-0.370	2.600	1.849	0.000	8.153	0.272	0.000	5.193
	16273	3	110.000	-7.980	-0.231	-0.231	2.757	2.494	0.000	8.716	0.488	0.000	6.002
	16274	4	110.000	-8.080	-0.060	-0.060	2.914	3.244	0.000	9.268	0.774	0.000	6.891
	16681	5	110.000	-8.180	0.140	0.000	3.069	4.096	0.000	9.808	1.140	0.000	7.838
Plate 5-17	16681	1	110.000	-8.180	0.135	0.000	3.069	4.085	0.000	9.811	1.140	0.000	7.838
(psp 600+pzi 610)	16682	2	110.000	-8.281	0.364	0.000	3.226	5.041	0.000	10.392	1.603	0.000	8.854
	16683	3	110.000	-8.383	0.597	0.000	3.382	6.032	0.000	10.973	2.166	0.000	9.924

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [10 <sup>-3</sup> kNm/m]	M <sub>max</sub> [kNm/m]
	16684	4	110.000	-8.485	0.829	0.000	3.536	7.044	0.000	11.581	2.831	0.000	11.047
	16722	5	110.000	-8.586	1.055	0.000	3.689	8.061	0.000	12.204	3.599	0.000	12.236
Plate 5-18	16722	1	110.000	-8.586	1.053	0.000	3.689	8.055	0.000	12.205	3.599	0.000	12.236
(psp 600+pzi 610)	16724	2	110.000	-8.690	1.258	0.000	3.842	9.049	0.000	12.868	4.483	0.000	13.502
	16725	3	110.000	-8.793	1.435	0.000	3.993	9.991	0.000	13.551	5.468	0.000	14.826
	16726	4	110.000	-8.897	1.584	0.000	4.142	10.882	0.000	14.242	6.548	0.000	16.207
	16723	5	110.000	-9.000	1.704	0.000	4.288	11.720	0.000	14.942	7.716	0.000	17.647
Plate 6-19	16723	1	110.000	-9.000	1.710	0.000	4.288	11.733	0.000	14.945	7.716	0.000	17.647
(psp 600+pzi 610)	16704	2	110.000	-9.110	1.989	0.000	4.408	12.683	0.000	15.794	9.058	0.000	19.250
	16705	3	110.000	-9.220	2.266	0.000	4.526	13.627	0.000	16.663	10.506	0.000	20.933
	16706	4	110.000	-9.330	2.543	0.000	4.642	14.570	0.000	17.561	12.057	0.000	22.748
	16801	5	110.000	-9.440	2.820	0.000	4.755	15.516	0.000	18.494	13.711	0.000	24.652
Plate 6-20	16801	1	110.000	-9.440	2.821	0.000	4.755	15.521	0.000	18.494	13.711	0.000	24.652
(psp 600+pzi 610)	16802	2	110.000	-9.561	3.137	0.000	4.876	16.601	0.000	19.547	15.655	0.000	26.854
	16803	3	110.000	-9.682	3.459	0.000	5.154	17.705	0.000	20.628	17.732	0.000	29.202
	16804	4	110.000	-9.803	3.788	0.000	5.534	18.832	0.000	21.737	19.945	0.000	31.704
	16831	5	110.000	-9.924	4.123	0.000	5.923	19.979	0.000	22.893	22.294	0.000	34.332
Plate 6-21	16831	1	110.000	-9.924	4.123	0.000	5.923	19.980	0.000	22.893	22.294	0.000	34.332
(psp 600+pzi 610)	16832	2	110.000	-10.058	4.497	0.000	6.362	21.263	0.000	24.214	25.043	0.000	37.422
	16833	3	110.000	-10.191	4.881	0.000	6.812	22.577	0.000	25.567	27.966	0.000	40.706
	16834	4	110.000	-10.324	5.273	0.000	7.272	23.923	0.000	26.950	31.066	0.000	44.162
	16849	5	110.000	-10.458	5.674	0.000	7.742	25.299	0.000	28.361	34.346	0.000	47.794
Plate 6-22	16849	1	110.000	-10.458	5.674	0.000	7.741	25.297	0.000	28.357	34.346	0.000	47.794
(psp 600+pzi 610)	16850	2	110.000	-10.604	6.128	0.000	8.267	26.854	0.000	29.939	38.173	0.000	52.000
	16851	3	110.000	-10.751	6.591	0.000	8.800	28.442	0.000	31.538	42.232	0.000	56.430
	16852	4	110.000	-10.898	7.063	0.000	9.336	30.058	0.000	33.150	46.527	0.000	61.084
	17863	5	110.000	-11.045	7.542	-0.001	9.876	31.700	0.000	34.773	51.058	0.000	65.961
Plate 6-23	17863	1	110.000	-11.045	7.540	-0.001	9.872	31.694	0.000	34.761	51.058	0.000	65.961
(psp 600+pzi 610)	17864	2	110.000	-11.206	8.069	-0.001	10.465	33.512	0.000	36.545	56.327	0.000	71.622

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [10 <sup>-3</sup> kNm/m]	M <sub>max</sub> [kNm/m]
	17865	3	110.000	-11.368	8.596	-0.001	11.044	35.322	0.000	38.286	61.891	0.000	77.606
	17866	4	110.000	-11.530	9.120	-0.001	11.604	37.120	0.000	40.005	67.747	0.000	83.859
	18681	5	110.000	-11.691	9.638	-0.002	12.143	38.902	0.000	41.685	73.890	0.000	90.370
Plate 6-24	18681	1	110.000	-11.691	9.635	-0.002	12.133	38.890	0.000	41.654	73.890	0.000	90.370
(psp 600+pzi 610)	18682	2	110.000	-11.869	10.192	-0.002	12.691	40.805	0.000	43.402	80.980	0.000	97.822
	18683	3	110.000	-12.047	10.725	-0.002	13.176	42.640	0.000	44.944	88.408	0.000	105.550
	18684	4	110.000	-12.225	11.234	-0.002	13.583	44.391	0.000	46.406	96.155	0.000	113.511
	18967	5	110.000	-12.403	11.716	-0.002	13.906	46.054	0.000	47.673	104.202	0.000	121.659
Plate 6-25	18967	1	110.000	-12.403	11.672	-0.002	13.877	45.899	0.000	47.583	104.202	0.000	121.659
(psp 600+pzi 610)	18968	2	110.000	-12.599	12.240	-0.003	14.099	47.860	0.000	48.678	113.395	0.000	130.842
	18969	3	110.000	-12.795	12.616	-0.003	14.081	49.153	0.000	49.278	122.915	0.000	140.184
	18970	4	110.000	-12.991	12.772	-0.003	13.815	49.682	0.000	49.789	132.612	0.000	149.463
	20151	5	110.000	-13.187	12.680	-0.003	13.283	49.349	0.000	49.438	142.327	0.000	158.515
Plate 6-26	20151	1	110.000	-13.187	12.641	-0.003	13.314	49.214	0.000	49.303	142.327	0.000	158.515
(psp 600+pzi 610)	20152	2	110.000	-13.403	12.073	-0.004	12.202	47.218	0.000	47.289	152.758	0.000	167.971
	20153	3	110.000	-13.618	10.990	-0.004	11.107	43.432	0.000	43.486	162.571	0.000	176.585
	20154	4	110.000	-13.834	9.389	-0.004	9.498	37.842	0.000	37.878	171.372	0.000	183.998
	21141	5	110.000	-14.050	7.265	-0.004	7.370	30.433	0.000	30.451	178.768	0.000	189.879
Plate 6-27	21141	1	110.000	-14.050	7.045	-0.004	7.149	29.667	0.000	29.683	178.768	0.000	189.879
(psp 600+pzi 610)	21142	2	110.000	-14.287	4.194	-0.004	4.606	19.723	0.000	19.730	184.682	0.000	194.251
	21143	3	110.000	-14.525	0.456	-1.146	2.711	6.693	-2.920	6.698	187.900	0.000	195.860
	21144	4	110.000	-14.762	-4.334	-5.157	1.968	-10.004	-18.462	1.135	187.572	0.000	194.187
	21331	5	110.000	-15.000	-10.342	-10.779	1.201	-30.946	-37.348	0.000	182.805	0.000	188.325
Plate 7-28	21331	1	110.000	-15.000	-9.354	-9.503	1.215	-32.750	-38.684	0.000	182.805	0.000	188.325
(psp 600+pzi 610)	21332	2	110.000	-15.250	-8.868	-9.041	1.170	-38.061	-42.154	0.000	173.929	0.000	178.676
	21333	3	110.000	-15.500	-8.427	-8.621	1.118	-42.240	-45.057	0.000	163.870	0.000	168.016
	21334	4	110.000	-15.750	-8.024	-8.236	1.062	-45.423	-47.272	0.000	152.887	0.000	156.583
	22335	5	110.000	-16.000	-7.655	-7.882	1.006	-47.748	-49.037	0.000	141.229	0.000	144.600
Plate 7-29	22335	1	110.000	-16.000	-7.647	-7.874	1.008	-47.908	-49.184	0.000	141.229	0.000	144.600

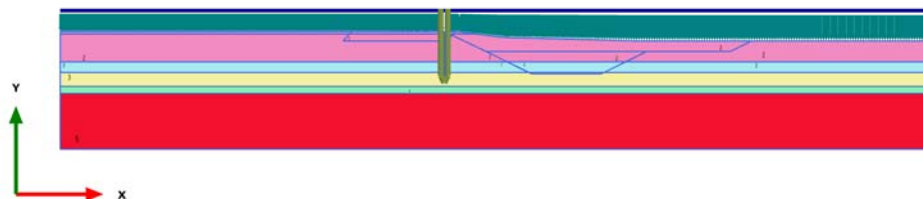


Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [10 <sup>-3</sup> kNm/m]	M <sub>max</sub> [kNm/m]
(psp 600+pzi 610)	22336	2	110.000	-16.250	-7.283	-7.523	0.961	-49.909	-50.846	0.000	128.996	0.000	132.112
	22337	3	110.000	-16.500	-6.931	-7.183	0.918	-51.494	-52.212	0.000	116.309	0.000	119.222
	22338	4	110.000	-16.750	-6.593	-6.854	0.879	-52.663	-53.271	0.000	103.277	0.000	106.031
	23097	5	110.000	-17.000	-6.267	-6.535	0.845	-53.417	-53.946	0.000	90.012	0.000	92.636
Plate 7-30	23097	1	110.000	-17.000	-6.269	-6.537	0.844	-53.337	-53.874	0.000	90.012	0.000	92.636
(psp 600+pzi 610)	23098	2	110.000	-17.250	-5.952	-6.224	0.814	-53.759	-54.220	0.000	76.617	0.000	79.136
	23099	3	110.000	-17.500	-5.653	-5.927	0.787	-53.548	-53.996	0.000	63.184	0.000	65.638
	23100	4	110.000	-17.750	-5.377	-5.650	0.761	-52.608	-53.071	0.000	49.897	0.000	52.316
	24335	5	110.000	-18.000	-5.126	-5.403	0.735	-50.844	-51.347	0.000	36.950	0.000	39.347
Plate 8-31	24335	1	110.000	-18.000	-5.144	-5.415	0.734	-50.358	-50.893	0.000	36.950	0.000	39.347
(psp 600+pzi 610)	24338	2	110.000	-18.250	-4.336	-4.632	0.620	-39.320	-40.179	0.000	25.772	0.000	29.649
	24337	3	110.000	-18.500	-3.644	-3.943	0.513	-29.736	-30.951	0.000	17.169	0.000	21.940
	24336	4	110.000	-18.750	-3.069	-3.346	0.413	-21.611	-23.729	0.000	10.779	0.000	15.944
	24907	5	110.000	-19.000	-2.612	-2.842	0.320	-14.951	-18.992	0.000	6.241	0.000	10.925
Plate 8-32	24907	1	110.000	-19.000	-2.553	-2.788	0.312	-15.358	-19.181	0.000	6.241	0.000	10.925
(psp 600+pzi 610)	24908	2	110.000	-19.250	-2.189	-2.361	0.249	-8.701	-14.900	0.000	3.240	0.000	6.757
	24909	3	110.000	-19.500	-1.708	-1.812	0.179	-3.939	-11.070	0.000	1.755	0.000	3.543
	24910	4	110.000	-19.750	-1.068	-1.112	0.092	-2.630	-7.148	0.000	0.983	0.000	1.266
	24911	5	110.000	-20.000	-0.231	-0.231	0.000	-6.333	-6.392	0.000	0.000	0.000	0.000

# PLAXIS Report

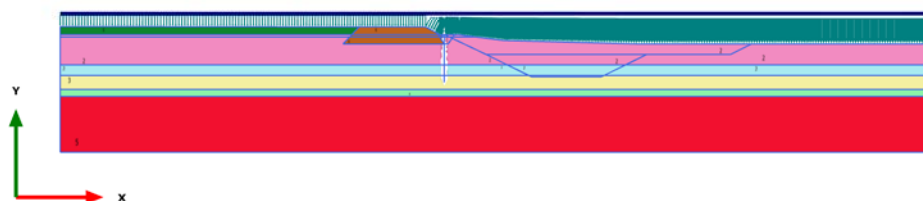
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### 1.1.1.1 Calculation results, Initial phase [InitialPhase] (0/0), Materials plot



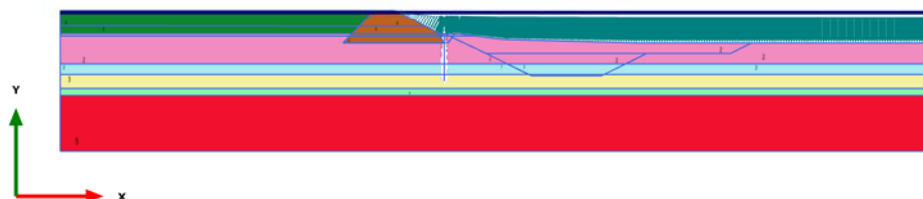
Materials plot

### 1.1.1.2 Calculation results, 1° step coronella [Phase\_1] (19/31), Materials plot



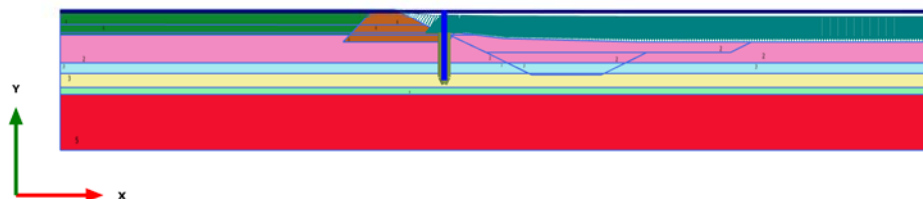
Materials plot

### 1.1.1.3 Calculation results, terreno riporto+coronella [Phase\_2] (20/52), Materials plot



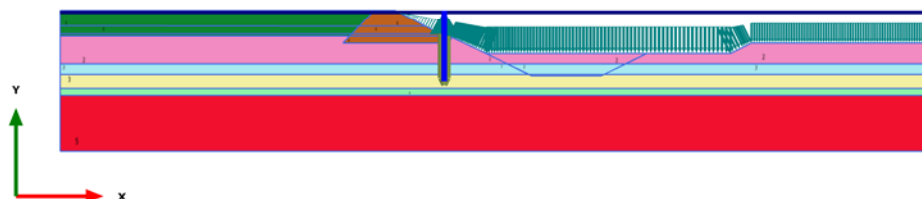
Materials plot

### 1.1.1.4 Calculation results, paratia [Phase\_4] (22/54), Materials plot



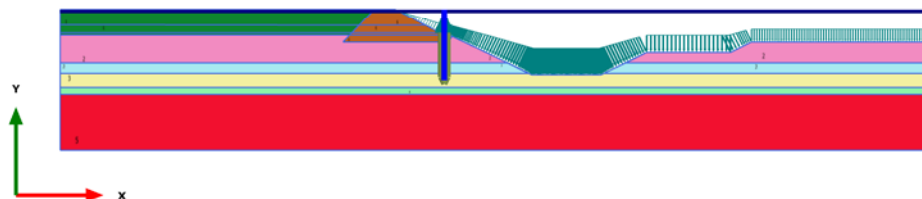
Materials plot

### 1.1.1.5 Calculation results, 1° scavo [Phase\_5] (23/66), Materials plot



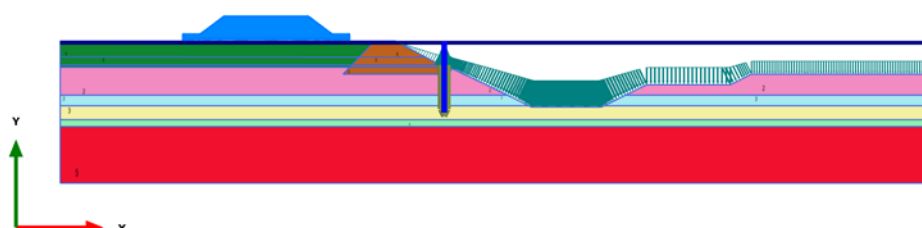
Materials plot

### 1.1.1.6 Calculation results, 2° scavo [Phase\_6] (24/73), Materials plot



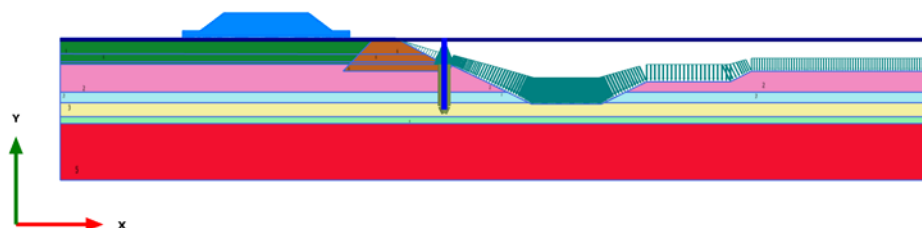
Materials plot

### 1.1.1.7 Calculation results, sovraccarico [Phase\_7] (25/85), Materials plot



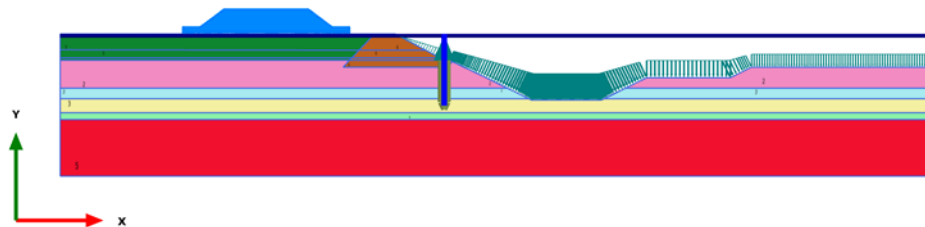
Materials plot

### 1.1.1.8 Calculation results, SLU A1 M1 R1 [Phase\_8] (26/90), Materials plot



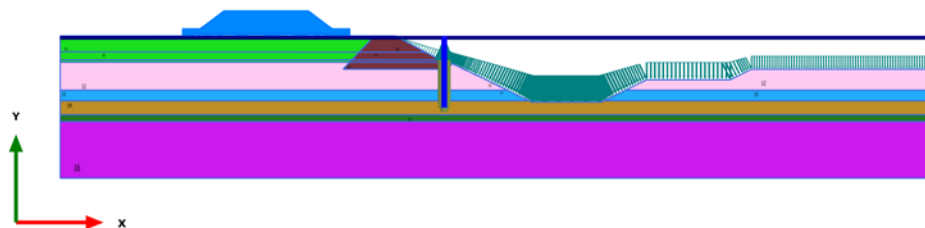
Materials plot

### 1.1.1.9 Calculation results, FS SLU A1 M1 R1 [Phase\_12] (30/190), Materials plot



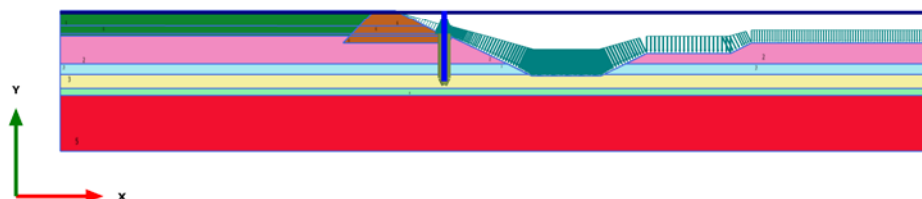
Materials plot

### 1.1.1.10 Calculation results, FS SLU A2 M2 R2 [Phase\_10] (28/290), Materials plot



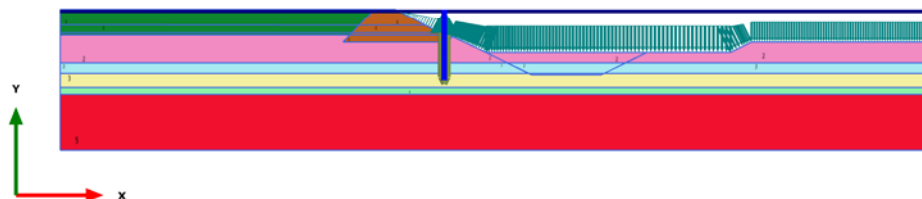
Materials plot

### 1.1.1.11 Calculation results, FS 2° scavo [Phase\_13] (31/390), Materials plot



Materials plot

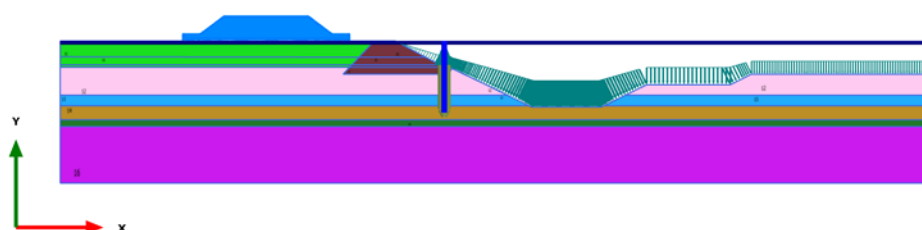
### 1.1.1.12 Calculation results, FS 1° scavo [Phase\_11] (29/490), Materials plot



Materials plot








### 1.1.1.13 Calculation results, SLU A2 M2 R2 [Phase\_9] (27/508), Materials plot








Materials plot

## 1.1.2.1.1.1 Materials - Soil and interfaces - Mohr-Coulomb (1/4)






Identification		litotipo 1: terreno riporto	litotipo 2:sabbia	litotipo 3: limi e argille con sabbie	litotipo 4: sabbia	litotipo 5:strato coesivo profondo
Identification number		1	2	3	4	5
Drainage type		Drained	Drained	Drained	Drained	Drained
Colour						
Comments						
$\gamma_{unsat}$	kN/m <sup>3</sup>	17.00	18.80	19.00	18.80	19.50
$\gamma_{sat}$	kN/m <sup>3</sup>	17.70	18.80	19.00	18.80	19.50
Dilatancy cut-off		No	No	No	No	No
$e_{int}$		0.5000	0.5000	0.5000	0.5000	0.5000
$e_{min}$		0.000	0.000	0.000	0.000	0.000
$e_{max}$		999.0	999.0	999.0	999.0	999.0
Rayleigh $\alpha$		0.000	0.000	0.000	0.000	0.000
Rayleigh $\beta$		0.000	0.000	0.000	0.000	0.000
E	kN/m <sup>2</sup>	3000	40.00E3	8000	80.00E3	50.00E3
$\nu$ (nu)		0.3500	0.2500	0.3000	0.2500	0.3000
G	kN/m <sup>2</sup>	1111	16.00E3	3077	32.00E3	19.23E3
$E_{oed}$	kN/m <sup>2</sup>	4815	48.00E3	10.77E3	96.00E3	67.31E3
$c_{ref}$	kN/m <sup>2</sup>	0.5000	0.1000	6.000	0.000	15.00
$\phi$ (phi)	°	27.00	37.00	26.00	37.00	26.00
$\psi$ (psi)	°	0.000	0.000	0.000	0.000	0.000
$V_s$	m/s	25.32	91.37	39.86	129.2	98.36
$V_p$	m/s	52.71	158.3	74.57	223.8	184.0
Set to default values		Yes	Yes	Yes	Yes	Yes
$E_{inc}$	kN/m <sup>2</sup> /m	0.000	0.000	0.000	0.000	0.000
$\gamma_{ref}$	m	0.000	0.000	0.000	0.000	0.000
$c_{inc}$	kN/m <sup>2</sup> /m	0.000	0.000	0.000	0.000	0.000
$\gamma_{ref}$	m	0.000	0.000	0.000	0.000	0.000
Tension cut-off		Yes	Yes	Yes	Yes	Yes
Tensile strength	kN/m <sup>2</sup>	0.000	0.000	0.000	0.000	0.000
Strength		Manual	Manual	Manual	Manual	Manual
$R_{water}$		0.6600	0.6600	0.6600	0.6600	0.6600
Consider gap closure		Yes	Yes	Yes	Yes	Yes
$\delta_{water}$		0.000	0.000	0.000	0.000	0.000
$K_0$ determination		Automatic	Automatic	Automatic	Automatic	Automatic
$K_{0,x}$		0.5460	0.3982	0.5616	0.3982	0.5616
Data set		Standard	Standard	Standard	Standard	Standard
Type		Coarse	Coarse	Coarse	Coarse	Coarse
< 2 $\mu$ m	%	10.00	10.00	10.00	10.00	10.00
2 $\mu$ m - 50 $\mu$ m	%	13.00	13.00	13.00	13.00	13.00
50 $\mu$ m - 2 mm	%	77.00	77.00	77.00	77.00	77.00
Set to default values		No	No	No	No	No
$k_k$	m/day	0.000	0.000	0.000	0.000	0.000
$k_y$	m/day	0.000	0.000	0.000	0.000	0.000
$-\psi_{unsat}$	m	10.00E3	10.00E3	10.00E3	10.00E3	10.00E3
$e_{sat}$		0.5000	0.5000	0.5000	0.5000	0.5000
$c_k$		1.000E15	1.000E15	1.000E15	1.000E15	1.000E15

## 1.1.2.1.1.2 Materials - Soil and interfaces - Mohr-Coulomb (2/4)


Identification		coronella	litotipo 3 cattivo	1° strato addensato	1 strato addensato RIDOTTO	coronella RIDOTTO
Identification number		6	7	8	9	10
Drainage type		Drained	Drained	Drained	Drained	Drained
Colour						
Comments						
$\gamma_{unsat}$	kN/m <sup>3</sup>	17.50	19.00	19.50	19.50	17.50
$\gamma_{sat}$	kN/m <sup>3</sup>	18.00	19.00	20.00	20.00	18.00
Dilatancy cut-off		No	No	No	No	No
$e_{sat}$		0.5000	0.5000	0.5000	0.5000	0.5000
$e_{min}$		0.000	0.000	0.000	0.000	0.000
$e_{max}$		999.0	999.0	999.0	999.0	999.0
Rayleigh $\alpha$		0.000	0.000	0.000	0.000	0.000
Rayleigh $\beta$		0.000	0.000	0.000	0.000	0.000
E	kN/m <sup>2</sup>	33.33E3	2260	40.00E3	40.00E3	33.33E3
$\nu$ (nu)		0.2000	0.3000	0.2000	0.2000	0.2000
G	kN/m <sup>2</sup>	13.89E3	869.2	16.67E3	16.67E3	13.89E3
$E_{sed}$	kN/m <sup>2</sup>	37.04E3	3042	44.44E3	44.44E3	37.04E3
$C_{ref}$	kN/m <sup>2</sup>	0.1000	6.000	0.5000	0.5000	0.1000
$\phi$ (phi)	°	45.00	26.00	40.00	33.87	38.65
$\psi$ (psi)	°	0.000	0.000	0.000	0.000	0.000
$V_s$	m/s	88.24	21.18	91.57	91.57	88.24
$V_p$	m/s	144.1	39.63	149.5	149.5	144.1
Set to default values		Yes	Yes	Yes	Yes	Yes
$E_{inc}$	kN/m <sup>2</sup> /m	0.000	0.000	0.000	0.000	0.000
$\gamma_{ref}$	m	0.000	0.000	0.000	0.000	0.000
$C_{inc}$	kN/m <sup>2</sup> /m	0.000	0.000	0.000	0.000	0.000
$\gamma_{ref}$	m	0.000	0.000	0.000	0.000	0.000
Tension cut-off		Yes	Yes	Yes	Yes	Yes
Tensile strength	kN/m <sup>2</sup>	0.000	0.000	0.000	0.000	0.000
Strength		Manual	Manual	Manual	Manual	Manual
$R_{enter}$		0.6600	0.6600	0.6600	0.6600	0.6600
Consider gap closure		Yes	Yes	Yes	Yes	Yes
$\delta_{enter}$		0.000	0.000	0.000	0.000	0.000
$K_0$ determination		Automatic	Automatic	Automatic	Automatic	Automatic
$K_{0,x}$		0.2929	0.5616	0.3572	0.4427	0.3754
Data set		Standard	Standard	Standard	Standard	Standard
Type		Coarse	Coarse	Coarse	Coarse	Coarse
< 2 $\mu$ m	%	10.00	10.00	10.00	10.00	10.00
2 $\mu$ m - 50 $\mu$ m	%	13.00	13.00	13.00	13.00	13.00
50 $\mu$ m - 2 mm	%	77.00	77.00	77.00	77.00	77.00
Set to default values		No	No	No	No	No
$k_x$	m/day	0.000	0.000	0.000	0.000	0.000
$k_y$	m/day	0.000	0.000	0.000	0.000	0.000
$-\psi_{unsat}$	m	10.00E3	10.00E3	10.00E3	10.00E3	10.00E3

Identification		coronella	litotipo 3 cattivo	1° strato addensato	1 strato addensato RIDOTTO	coronella RIDOTTO
$e_{int}$		0.5000	0.5000	0.5000	0.5000	0.5000
$C_k$		1.000E15	1.000E15	1.000E15	1.000E15	1.000E15

## 1.1.2.1.1.3 Materials - Soil and interfaces - Mohr-Coulomb (3/4)


Identification		litotipo1: terreno riporto RIDOTTO	litotipo 2: sabbia RIDOTTO	litotipo 3 cattivo RIDOTTO	litotipo 3 RIDOTTO	litotipo 4 RIDOTTO
Identification number		11	12	13	14	15
Drainage type		Drained	Drained	Drained	Drained	Drained
Colour						
Comments						
$\gamma_{unsat}$	kN/m <sup>3</sup>	17.00	18.80	19.00	19.00	18.80
$\gamma_{sat}$	kN/m <sup>3</sup>	17.70	18.80	19.00	19.00	18.80
Dilatancy cut-off		No	No	No	No	No
$e_{int}$		0.5000	0.5000	0.5000	0.5000	0.5000
$e_{min}$		0.000	0.000	0.000	0.000	0.000
$e_{max}$		999.0	999.0	999.0	999.0	999.0
Rayleigh $\alpha$		0.000	0.000	0.000	0.000	0.000
Rayleigh $\beta$		0.000	0.000	0.000	0.000	0.000
E	kN/m <sup>2</sup>	3000	40.00E3	2260	8000	80.00E3
$\nu$ (nu)		0.3500	0.2500	0.3000	0.3000	0.2500
G	kN/m <sup>2</sup>	1111	16.00E3	869.2	3077	32.00E3
$E_{oed}$	kN/m <sup>2</sup>	4815	48.00E3	3042	10.77E3	96.00E3
$c_{ref}$	kN/m <sup>2</sup>	0.5000	0.1000	4.800	4.800	0.000
$\phi$ (phi)	°	22.18	31.08	21.32	21.32	31.08
$\psi$ (psi)	°	0.000	0.000	0.000	0.000	0.000
$V_s$	m/s	25.32	91.37	21.18	39.86	129.2
$V_p$	m/s	52.71	158.3	39.63	74.57	223.8
Set to default values		Yes	Yes	Yes	Yes	Yes
$E_{inc}$	kN/m <sup>2</sup> /m	0.000	0.000	0.000	0.000	0.000
$\gamma_{ref}$	m	0.000	0.000	0.000	0.000	0.000
$c_{inc}$	kN/m <sup>2</sup> /m	0.000	0.000	0.000	0.000	0.000
$\gamma_{ref}$	m	0.000	0.000	0.000	0.000	0.000
Tension cut-off		Yes	Yes	Yes	Yes	Yes
Tensile strength	kN/m <sup>2</sup>	0.000	0.000	0.000	0.000	0.000
Strength		Manual	Manual	Manual	Manual	Manual
$R_{water}$		0.6600	0.6600	0.6600	0.6600	0.6600
Consider gap closure		Yes	Yes	Yes	Yes	Yes
$\delta_{water}$		0.000	0.000	0.000	0.000	0.000
$K_0$ determination		Automatic	Automatic	Automatic	Automatic	Automatic
$K_{0,x}$		0.6225	0.4838	0.6364	0.6364	0.4838
Data set		Standard	Standard	Standard	Standard	Standard
Type		Coarse	Coarse	Coarse	Coarse	Coarse
< 2 $\mu$ m	%	10.00	10.00	10.00	10.00	10.00
2 $\mu$ m - 50 $\mu$ m	%	13.00	13.00	13.00	13.00	13.00
50 $\mu$ m - 2 mm	%	77.00	77.00	77.00	77.00	77.00
Set to default values		No	No	No	No	No
$k_x$	m/day	0.000	0.000	0.000	0.000	0.000
$k_y$	m/day	0.000	0.000	0.000	0.000	0.000
$-\psi_{unsat}$	m	10.00E3	10.00E3	10.00E3	10.00E3	10.00E3
$e_{sat}$		0.5000	0.5000	0.5000	0.5000	0.5000
$Q_u$		1.000E15	1.000E15	1.000E15	1.000E15	1.000E15

## 1.1.2.1.1.4 Materials - Soil and interfaces - Mohr-Coulomb (4/4)

Identification		litotipo 5 RIDOTTO
Identification number		16
Drainage type		Drained
Colour		
Comments		
$\gamma_{unsat}$	kN/m <sup>3</sup>	19.50
$\gamma_{sat}$	kN/m <sup>3</sup>	19.50
Dilatancy cut-off		No
$e_{int}$		0.5000
$e_{min}$		0.000
$e_{max}$		999.0
Rayleigh $\alpha$		0.000
Rayleigh $\beta$		0.000
E	kN/m <sup>2</sup>	50.00E3
$\nu$ (nu)		0.3000
G	kN/m <sup>2</sup>	19.23E3
$E_{sed}$	kN/m <sup>2</sup>	67.31E3
$C_{ref}$	kN/m <sup>2</sup>	12.00
$\phi$ (phi)	°	21.32
$\psi$ (psi)	°	0.000
$V_s$	m/s	98.36
$V_p$	m/s	184.0
Set to default values		Yes
$E_{inc}$	kN/m <sup>2</sup> /m	0.000
$\gamma_{ref}$	m	0.000
$C_{inc}$	kN/m <sup>2</sup> /m	0.000
$\gamma_{ref}$	m	0.000
Tension cut-off		Yes
Tensile strength	kN/m <sup>2</sup>	0.000
Strength		Manual
$R_{enter}$		0.6600
Consider gap closure		Yes
$\delta_{enter}$		0.000

Identification		litotipo 5 RIDOTTO
$K_0$ determination		Automatic
$K_{0,x}$		0.6364
Data set		Standard
Type		Coarse
< 2 $\mu\text{m}$	%	10.00
2 $\mu\text{m}$ - 50 $\mu\text{m}$	%	13.00
50 $\mu\text{m}$ - 2 mm	%	77.00
Set to default values		No
$k_x$	m/day	0.000
$k_y$	m/day	0.000
$-\Psi_{\text{unsat}}$	m	10.00E3
$e_{\text{sat}}$		0.5000
$C_k$		1.000E15

## 1.1.2.2 Materials - Plates -

Identification		psp 600+pzl 610
Identification number		1
Comments		
Colour		
Material type		Elastic
Isotropic		Yes
End bearing		No
$EA_1$	kN/m	2.990E6
$EA_2$	kN/m	2.990E6
EI	kN m <sup>2</sup> /m	227.3E3
d	m	0.9551
w	kN/m/m	0.000
$\nu$ (nu)		0.2000
Rayleigh $\alpha$		0.000
Rayleigh $\beta$		0.000



## 1.1.3 General information

General information	
Project	
Filename	LPRT-AG1-CAL_LT.P2DX
Directory	\\server\ARCHIVIO_L\LPRT-AG1_Palanc Banchina 27\LPRT-AG1-PE\LPRT-AG1-PE-CAL\LPRT-AG1-CAL-MODELLI FINALI\modelli 10-12-14 DEFINITIVI CORRETTI\
Title	LPRT-AG1
General	
Model	Plane strain
Elements	15-Noded
Acceleration	
Gravity angle	-90.00°
x-acceleration	0.000 G
y-acceleration	0.000 G
Earth gravity	9.810 m/s <sup>2</sup>
Mesh	
Nr of soil elements	6410
Nr of nodes	52358
Average elem. size	1.257 m
Comments	

### 1.1.4.1 Calculation information

Calculation information				
Step info				
Phase	Initial phase [InitialPhase]			
Step	Initial			
Calculation mode	Classical mode			
Step type	K0			
Kernel type	32 bit			
Extrapolation factor	0.000			
Relative stiffness	0.000			
Multipliers				
Prescribed displacements X	$M_{DispX}$	0.000	$\Sigma M_{DispX}$	1.000
Prescribed displacements Y	$M_{DispY}$	0.000	$\Sigma M_{DispY}$	1.000
Load system A	$M_{LoadA}$	0.000	$\Sigma M_{LoadA}$	1.000
Load system B	$M_{LoadB}$	0.000	$\Sigma M_{LoadB}$	1.000
Soil weight	$M_{Weight}$	0.000	$\Sigma M_{Weight}$	1.000
Acceleration	$M_{Accel}$	0.000	$\Sigma M_{Accel}$	0.000
Strength reduction factor	$M_{sf}$	0.000	$\Sigma M_{sf}$	1.000
Time	Increment	0.000	End time	0.000
Staged construction				
Active proportion total area	$M_{Area}$	0.000	$\Sigma M_{Area}$	0.8001
Active proportion of stage	$M_{Stage}$	0.000	$\Sigma M_{Stage}$	0.000
Forces				
$F_x$	0.000 kN/m			
$F_y$	0.000 kN/m			
Consolidation				
Realised $P_{Excess,Max}$	0.000 kN/m <sup>2</sup>			

## 1.1.4.2 Calculation information

Calculation information				
Step info				
Phase	1° step coronella [Phase_1]			
Step	Initial			
Calulation mode	Classical mode			
Step type	Plastic			
Updated mesh	False			
Solver type	Picos			
Kernel type	64 bit			
Extrapolation factor	0.4896			
Relative stiffness	0.9375			
Multipliers				
Prescribed displacements X	$M_{DispX}$	0.000	$\Sigma M_{DispX}$	1.000
Prescribed displacements Y	$M_{DispY}$	0.000	$\Sigma M_{DispY}$	1.000
Load system A	$M_{LoadA}$	0.000	$\Sigma M_{LoadA}$	1.000
Load system B	$M_{LoadB}$	0.000	$\Sigma M_{LoadB}$	1.000
Soil weight	$M_{Weight}$	0.000	$\Sigma M_{Weight}$	1.000
Acceleration	$M_{Accel}$	0.000	$\Sigma M_{Accel}$	0.000
Strength reduction factor	$M_{sf}$	0.000	$\Sigma M_{sf}$	1.000
Time	Increment	0.000	End time	0.000
Staged construction				
Active proportion total area	$M_{Area}$	0.4786E-3	$\Sigma M_{Area}$	0.8235
Active proportion of stage	$M_{Stage}$	0.02041	$\Sigma M_{Stage}$	1.000
Forces				
$F_x$	0.000 kN/m			
$F_y$	0.000 kN/m			
Consolidation				
Realised $P_{Excess,Max}$	0.000 kN/m <sup>2</sup>			

### 1.1.4.3 Calculation information

Calculation information				
Step info				
Phase	terreno riporto+coronella [Phase_2]			
Step	Initial			
Calculation mode	Classical mode			
Step type	Plastic			
Updated mesh	False			
Solver type	Picos			
Kernel type	64 bit			
Extrapolation factor	1.245			
Relative stiffness	0.8275			
Multipliers				
Prescribed displacements X	$M_{DispX}$	0.000	$\Sigma M_{DispX}$	1.000
Prescribed displacements Y	$M_{DispY}$	0.000	$\Sigma M_{DispY}$	1.000
Load system A	$M_{LoadA}$	0.000	$\Sigma M_{LoadA}$	1.000
Load system B	$M_{LoadB}$	0.000	$\Sigma M_{LoadB}$	1.000
Soil weight	$M_{Weight}$	0.000	$\Sigma M_{Weight}$	1.000
Acceleration	$M_{Accel}$	0.000	$\Sigma M_{Accel}$	0.000
Strength reduction factor	$M_{sf}$	0.000	$\Sigma M_{sf}$	1.000
Time	Increment	0.000	End time	0.000
Staged construction				
Active proportion total area	$M_{Area}$	2.375E-3	$\Sigma M_{Area}$	0.8688
Active proportion of stage	$M_{Stage}$	0.05244	$\Sigma M_{Stage}$	1.000
Forces				
$F_x$	0.000 kN/m			
$F_y$	0.000 kN/m			
Consolidation				
Realised $P_{Excess,Max}$	0.000 kN/m <sup>2</sup>			

## 1.1.4.4 Calculation information

Calculation information				
Step info				
Phase	paratia [Phase_4]			
Step	Initial			
Calulation mode	Classical mode			
Step type	Plastic			
Updated mesh	False			
Solver type	Picos			
Kernel type	64 bit			
Extrapolation factor	1.000			
Relative stiffness	0.9865			
Multipliers				
Prescribed displacements X	$M_{DispX}$	0.000	$\Sigma M_{DispX}$	1.000
Prescribed displacements Y	$M_{DispY}$	0.000	$\Sigma M_{DispY}$	1.000
Load system A	$M_{LoadA}$	0.000	$\Sigma M_{LoadA}$	1.000
Load system B	$M_{LoadB}$	0.000	$\Sigma M_{LoadB}$	1.000
Soil weight	$M_{Weight}$	0.000	$\Sigma M_{Weight}$	1.000
Acceleration	$M_{Accel}$	0.000	$\Sigma M_{Accel}$	0.000
Strength reduction factor	$M_{sf}$	0.000	$\Sigma M_{sf}$	1.000
Time	Increment	0.000	End time	0.000
Staged construction				
Active proportion total area	$M_{Area}$	0.000	$\Sigma M_{Area}$	0.8688
Active proportion of stage	$M_{Stage}$	0.5000	$\Sigma M_{Stage}$	1.000
Forces				
$F_x$	0.000 kN/m			
$F_y$	0.000 kN/m			
Consolidation				
Realised $P_{Excess,Max}$	0.000 kN/m <sup>2</sup>			

## 1.1.4.5 Calculation information

Calculation information				
Step info				
Phase	1° scavo [Phase_5]			
Step	Initial			
Calulation mode	Classical mode			
Step type	Plastic			
Updated mesh	False			
Solver type	Picos			
Kernel type	64 bit			
Extrapolation factor	0.5759			
Relative stiffness	0.7810			
Multipliers				
Prescribed displacements X	$M_{DispX}$	0.000	$\Sigma M_{DispX}$	1.000
Prescribed displacements Y	$M_{DispY}$	0.000	$\Sigma M_{DispY}$	1.000
Load system A	$M_{LoadA}$	0.000	$\Sigma M_{LoadA}$	1.000
Load system B	$M_{LoadB}$	0.000	$\Sigma M_{LoadB}$	1.000
Soil weight	$M_{Weight}$	0.000	$\Sigma M_{Weight}$	1.000
Acceleration	$M_{Accel}$	0.000	$\Sigma M_{Accel}$	0.000
Strength reduction factor	$M_{sf}$	0.000	$\Sigma M_{sf}$	1.000
Time	Increment	0.000	End time	0.000
Staged construction				
Active proportion total area	$M_{Area}$	-0.7986E-3	$\Sigma M_{Area}$	0.8416
Active proportion of stage	$M_{Stage}$	0.02942	$\Sigma M_{Stage}$	1.000
Forces				
$F_x$	0.000 kN/m			
$F_y$	0.000 kN/m			
Consolidation				
Realised $P_{Excess,Max}$	0.000 kN/m <sup>2</sup>			

## 1.1.4.6 Calculation information

Calculation information				
Step info				
Phase	2° scavo [Phase_6]			
Step	Initial			
Calulation mode	Classical mode			
Step type	Plastic			
Updated mesh	False			
Solver type	Picos			
Kernel type	64 bit			
Extrapolation factor	0.5954			
Relative stiffness	0.5172			
Multipliers				
Prescribed displacements X	$M_{DispX}$	0.000	$\Sigma M_{DispX}$	1.000
Prescribed displacements Y	$M_{DispY}$	0.000	$\Sigma M_{DispY}$	1.000
Load system A	$M_{LoadA}$	0.000	$\Sigma M_{LoadA}$	1.000
Load system B	$M_{LoadB}$	0.000	$\Sigma M_{LoadB}$	1.000
Soil weight	$M_{Weight}$	0.000	$\Sigma M_{Weight}$	1.000
Acceleration	$M_{Accel}$	0.000	$\Sigma M_{Accel}$	0.000
Strength reduction factor	$M_{sf}$	0.000	$\Sigma M_{sf}$	1.000
Time	Increment	0.000	End time	0.000
Staged construction				
Active proportion total area	$M_{Area}$	-0.9077E-3	$\Sigma M_{Area}$	0.8208
Active proportion of stage	$M_{Stage}$	0.04362	$\Sigma M_{Stage}$	1.000
Forces				
$F_x$	0.000 kN/m			
$F_y$	0.000 kN/m			
Consolidation				
Realised $P_{Excess,Max}$	0.000 kN/m <sup>2</sup>			

## 1.1.4.7 Calculation information

Calculation information				
Step info				
Phase	sovraccarico [Phase_7]			
Step	Initial			
Calculation mode	Classical mode			
Step type	Plastic			
Updated mesh	False			
Solver type	Picos			
Kernel type	64 bit			
Extrapolation factor	0.9263			
Relative stiffness	0.6569			
Multipliers				
Prescribed displacements X	$M_{DispX}$	0.000	$\Sigma M_{DispX}$	1.000
Prescribed displacements Y	$M_{DispY}$	0.000	$\Sigma M_{DispY}$	1.000
Load system A	$M_{LoadA}$	0.000	$\Sigma M_{LoadA}$	1.000
Load system B	$M_{LoadB}$	0.000	$\Sigma M_{LoadB}$	1.000
Soil weight	$M_{Weight}$	0.000	$\Sigma M_{Weight}$	1.000
Acceleration	$M_{Accel}$	0.000	$\Sigma M_{Accel}$	0.000
Strength reduction factor	$M_{dr}$	0.000	$\Sigma M_{dr}$	1.000
Time	Increment	0.000	End time	0.000
Staged construction				
Active proportion total area	$M_{Area}$	0.000	$\Sigma M_{Area}$	0.8208
Active proportion of stage	$M_{Stage}$	0.05358	$\Sigma M_{Stage}$	1.000
Forces				
$F_x$	0.000 kN/m			
$F_y$	0.000 kN/m			
Consolidation				
Realised $P_{Excess,Max}$	0.000 kN/m <sup>2</sup>			



## 1.1.4.8 Calculation information

Calculation information				
Step info				
Phase	SLU A1 M1 R1 [Phase_8]			
Step	Initial			
Calculation mode	Classical mode			
Step type	Plastic			
Updated mesh	False			
Solver type	Picos			
Kernel type	64 bit			
Extrapolation factor	0.5994			
Relative stiffness	0.06947			
Multipliers				
Prescribed displacements X	$M_{DispX}$	0.000	$\Sigma M_{DispX}$	1.000
Prescribed displacements Y	$M_{DispY}$	0.000	$\Sigma M_{DispY}$	1.000
Load system A	$M_{LoadA}$	0.000	$\Sigma M_{LoadA}$	1.000
Load system B	$M_{LoadB}$	0.000	$\Sigma M_{LoadB}$	1.000
Soil weight	$M_{Weight}$	0.000	$\Sigma M_{Weight}$	1.000
Acceleration	$M_{Accel}$	0.000	$\Sigma M_{Accel}$	0.000
Strength reduction factor	$M_{sf}$	0.000	$\Sigma M_{sf}$	1.000
Time	Increment	0.000	End time	0.000
Staged construction				
Active proportion total area	$M_{Area}$	-0.01175E-3	$\Sigma M_{Area}$	0.8207
Active proportion of stage	$M_{Stage}$	0.09730	$\Sigma M_{Stage}$	1.000
Forces				
$F_x$	0.000 kN/m			
$F_y$	0.000 kN/m			
Consolidation				
Realised $P_{Excess,Max}$	0.000 kN/m <sup>2</sup>			

## 1.1.4.9 Calculation information

Calculation information				
Step info				
Phase	FS SLU A1 M1 R1 [Phase_12]			
Step	Initial			
Calculation mode	Classical mode			
Step type	Safety			
Updated mesh	False			
Solver type	Picos			
Kernel type	64 bit			
Extrapolation factor	1.000			
Relative stiffness	1.378E-3			
Multipliers				
Prescribed displacements X	$M_{DispX}$	0.000	$\Sigma M_{DispX}$	1.000
Prescribed displacements Y	$M_{DispY}$	0.000	$\Sigma M_{DispY}$	1.000
Load system A	$M_{LoadA}$	0.000	$\Sigma M_{LoadA}$	1.000
Load system B	$M_{LoadB}$	0.000	$\Sigma M_{LoadB}$	1.000
Soil weight	$M_{Weight}$	0.000	$\Sigma M_{Weight}$	1.000
Acceleration	$M_{Accel}$	0.000	$\Sigma M_{Accel}$	0.000
Strength reduction factor	$M_{sf}$	0.5507E-3	$\Sigma M_{sf}$	1.630
Time	Increment	0.000	End time	0.000
Staged construction				
Active proportion total area	$M_{Area}$	0.000	$\Sigma M_{Area}$	0.8207
Active proportion of stage	$M_{Stage}$	0.000	$\Sigma M_{Stage}$	0.000
Forces				
$F_x$	0.000 kN/m			
$F_y$	0.000 kN/m			
Consolidation				
Realised $P_{Excess,Max}$	0.000 kN/m <sup>2</sup>			

## 1.1.4.10 Calculation information

Calculation information				
Step info				
Phase	FS SLU A2 M2 R2 [Phase_10]			
Step	Initial			
Calculation mode	Classical mode			
Step type	Safety			
Updated mesh	False			
Solver type	Picos			
Kernel type	64 bit			
Extrapolation factor	0.5000			
Relative stiffness	9.628E-3			
Multipliers				
Prescribed displacements X	$M_{DispX}$	0.000	$\Sigma M_{DispX}$	1.000
Prescribed displacements Y	$M_{DispY}$	0.000	$\Sigma M_{DispY}$	1.000
Load system A	$M_{LoadA}$	0.000	$\Sigma M_{LoadA}$	1.000
Load system B	$M_{LoadB}$	0.000	$\Sigma M_{LoadB}$	1.000
Soil weight	$M_{Weight}$	0.000	$\Sigma M_{Weight}$	1.000
Acceleration	$M_{Accel}$	0.000	$\Sigma M_{Accel}$	0.000
Strength reduction factor	$M_{\gamma}$	5.471E-3	$\Sigma M_{\gamma}$	1.301
Time	Increment	0.000	End time	0.000
Staged construction				
Active proportion total area	$M_{Area}$	0.000	$\Sigma M_{Area}$	0.8208
Active proportion of stage	$M_{Stage}$	0.000	$\Sigma M_{Stage}$	0.000
Forces				
$F_x$	0.000 kN/m			
$F_y$	0.000 kN/m			
Consolidation				
Realised $P_{Excess,Max}$	0.000 kN/m <sup>2</sup>			

### 1.1.4.11 Calculation information

Calculation information				
Step info				
Phase	FS 2° scavo [Phase_13]			
Step	Initial			
Calculation mode	Classical mode			
Step type	Safety			
Updated mesh	False			
Solver type	Picos			
Kernel type	64 bit			
Extrapolation factor	0.5000			
Relative stiffness	0.01076			
Multipliers				
Prescribed displacements X	$M_{DispX}$	0.000	$\Sigma M_{DispX}$	1.000
Prescribed displacements Y	$M_{DispY}$	0.000	$\Sigma M_{DispY}$	1.000
Load system A	$M_{LoadA}$	0.000	$\Sigma M_{LoadA}$	1.000
Load system B	$M_{LoadB}$	0.000	$\Sigma M_{LoadB}$	1.000
Soil weight	$M_{Weight}$	0.000	$\Sigma M_{Weight}$	1.000
Acceleration	$M_{Accel}$	0.000	$\Sigma M_{Accel}$	0.000
Strength reduction factor	$M_{sf}$	-0.3706E-3	$\Sigma M_{sf}$	1.639
Time	Increment	0.000	End time	0.000
Staged construction				
Active proportion total area	$M_{Area}$	0.000	$\Sigma M_{Area}$	0.8208
Active proportion of stage	$M_{Stage}$	0.000	$\Sigma M_{Stage}$	0.000
Forces				
$F_x$	0.000 kN/m			
$F_y$	0.000 kN/m			
Consolidation				
Realised $P_{Excess,Max}$	0.000 kN/m <sup>2</sup>			

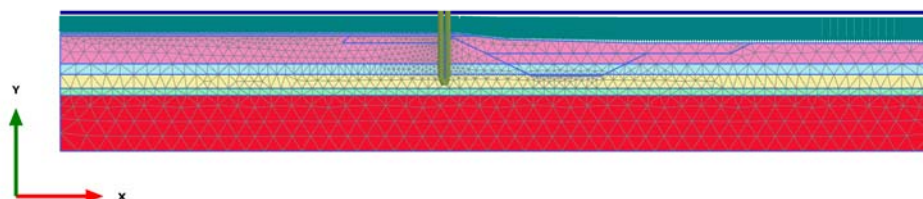
## 1.1.4.12 Calculation information

Calculation information				
Step info				
Phase	FS 1° scavo [Phase_11]			
Step	Initial			
Calculation mode	Classical mode			
Step type	Safety			
Updated mesh	False			
Solver type	Picos			
Kernel type	64 bit			
Extrapolation factor	2.000			
Relative stiffness	-0.8008E-6			
Multipliers				
Prescribed displacements X	$M_{DispX}$	0.000	$\Sigma M_{DispX}$	1.000
Prescribed displacements Y	$M_{DispY}$	0.000	$\Sigma M_{DispY}$	1.000
Load system A	$M_{LoadA}$	0.000	$\Sigma M_{LoadA}$	1.000
Load system B	$M_{LoadB}$	0.000	$\Sigma M_{LoadB}$	1.000
Soil weight	$M_{Weight}$	0.000	$\Sigma M_{Weight}$	1.000
Acceleration	$M_{Accel}$	0.000	$\Sigma M_{Accel}$	0.000
Strength reduction factor	$M_{\gamma f}$	1.304E-3	$\Sigma M_{\gamma f}$	1.712
Time	Increment	0.000	End time	0.000
Staged construction				
Active proportion total area	$M_{Area}$	0.000	$\Sigma M_{Area}$	0.8416
Active proportion of stage	$M_{Stage}$	0.000	$\Sigma M_{Stage}$	0.000
Forces				
$F_x$	0.000 kN/m			
$F_y$	0.000 kN/m			
Consolidation				
Realised $P_{Excess,Max}$	0.000 kN/m <sup>2</sup>			

### 1.1.4.13 Calculation information

Calculation information				
Step info				
Phase	SLU A2 M2 R2 [Phase_9]			
Step	Initial			
Calculation mode	Classical mode			
Step type	Plastic			
Updated mesh	False			
Solver type	Picos			
Kernel type	64 bit			
Extrapolation factor	0.7380			
Relative stiffness	0.1896			
Multipliers				
Prescribed displacements X	$M_{DispX}$	0.000	$\Sigma M_{DispX}$	1.000
Prescribed displacements Y	$M_{DispY}$	0.000	$\Sigma M_{DispY}$	1.000
Load system A	$M_{LoadA}$	0.000	$\Sigma M_{LoadA}$	1.000
Load system B	$M_{LoadB}$	0.000	$\Sigma M_{LoadB}$	1.000
Soil weight	$M_{Weight}$	0.000	$\Sigma M_{Weight}$	1.000
Acceleration	$M_{Accel}$	0.000	$\Sigma M_{Accel}$	0.000
Strength reduction factor	$M_{Rf}$	0.000	$\Sigma M_{Rf}$	1.000
Time	Increment	0.000	End time	0.000
Staged construction				
Active proportion total area	$M_{Area}$	0.000	$\Sigma M_{Area}$	0.8208
Active proportion of stage	$M_{Stage}$	0.1505	$\Sigma M_{Stage}$	1.000
Forces				
$F_x$	0.000 kN/m			
$F_y$	0.000 kN/m			
Consolidation				
Realised $P_{Excess,Max}$	0.000 kN/m <sup>2</sup>			

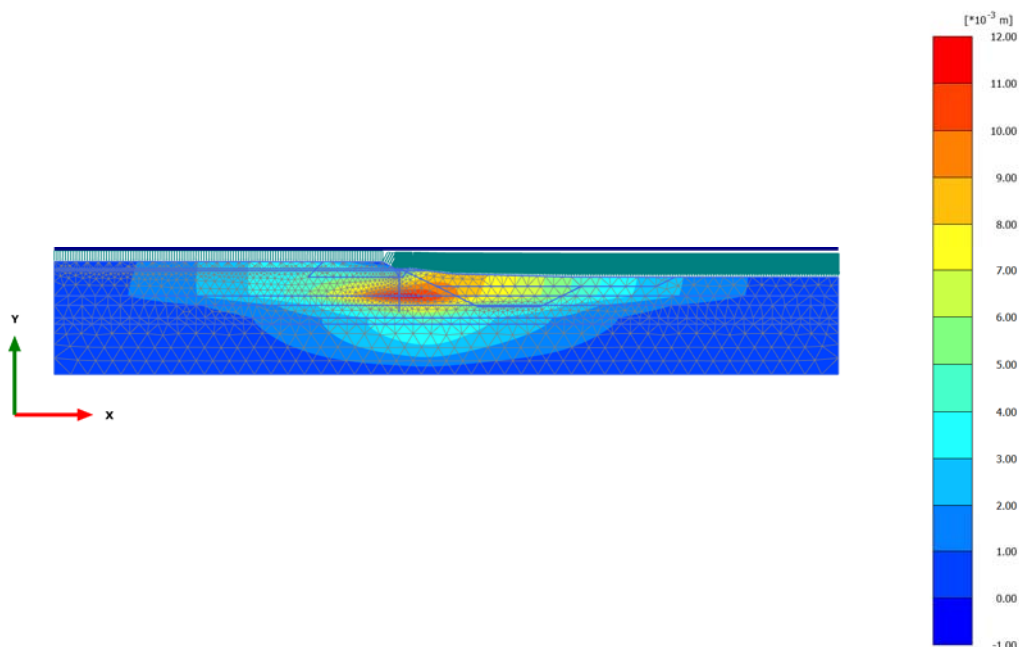
### 2.1.1.1.1 Calculation results, Initial phase [InitialPhase] (0/0), Total displacements $u_x$



Total displacements  $u_x$

Uniform value of 0.000 m

### 2.1.1.1.2 Calculation results, 1° step coronella [Phase\_1] (19/31), Total displacements $u_x$

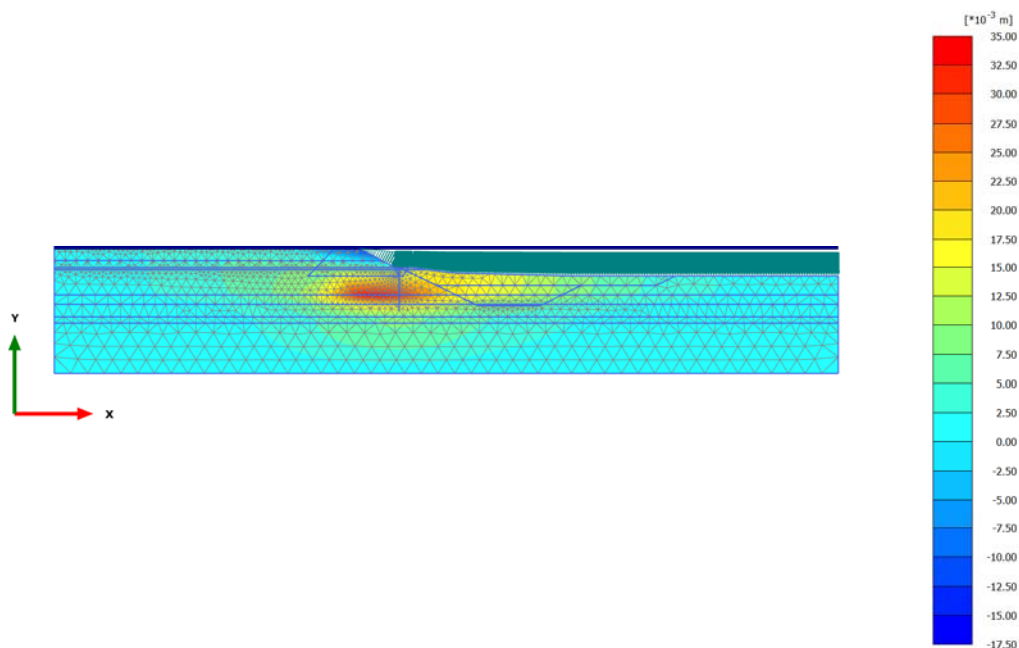


Total displacements  $u_x$

Maximum value = 0.01189 m (Element 4907 at Node 21323)

Minimum value =  $-0.2034 \times 10^{-3}$  m (Element 3352 at Node 11903)

### 2.1.1.1.3 Calculation results, terreno riporto+coronella [Phase\_2] (20/52), Total displacements $u_x$

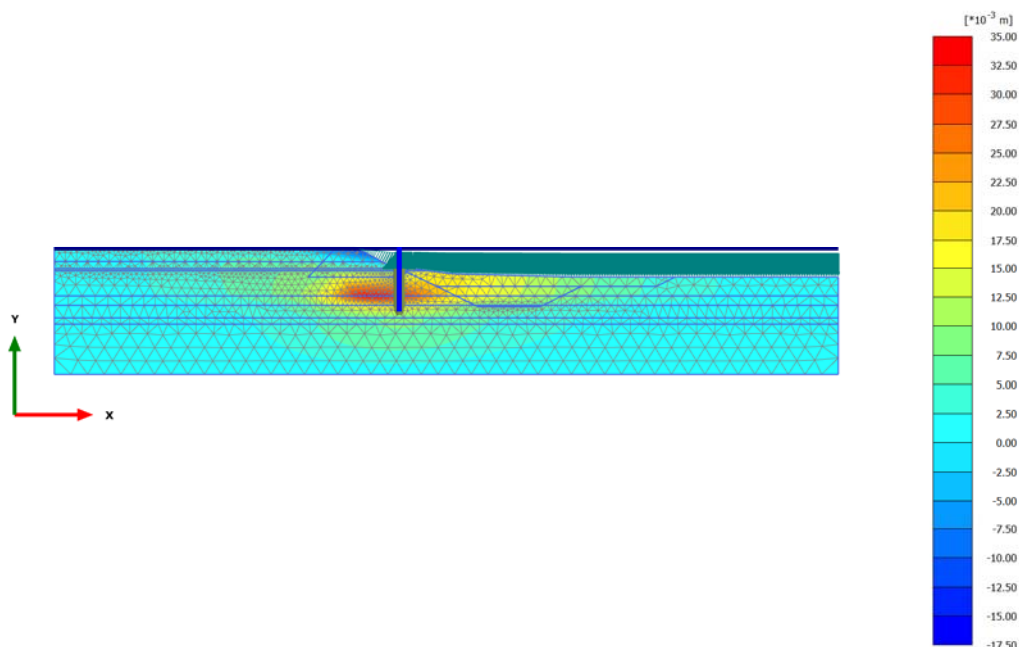


#### Total displacements $u_x$

Maximum value = 0.03433 m (Element 4826 at Node 21179)

Minimum value = -0.01552 m (Element 654 at Node 10061)

### 2.1.1.1.4 Calculation results, paratia [Phase\_4] (22/54), Total displacements $u_x$



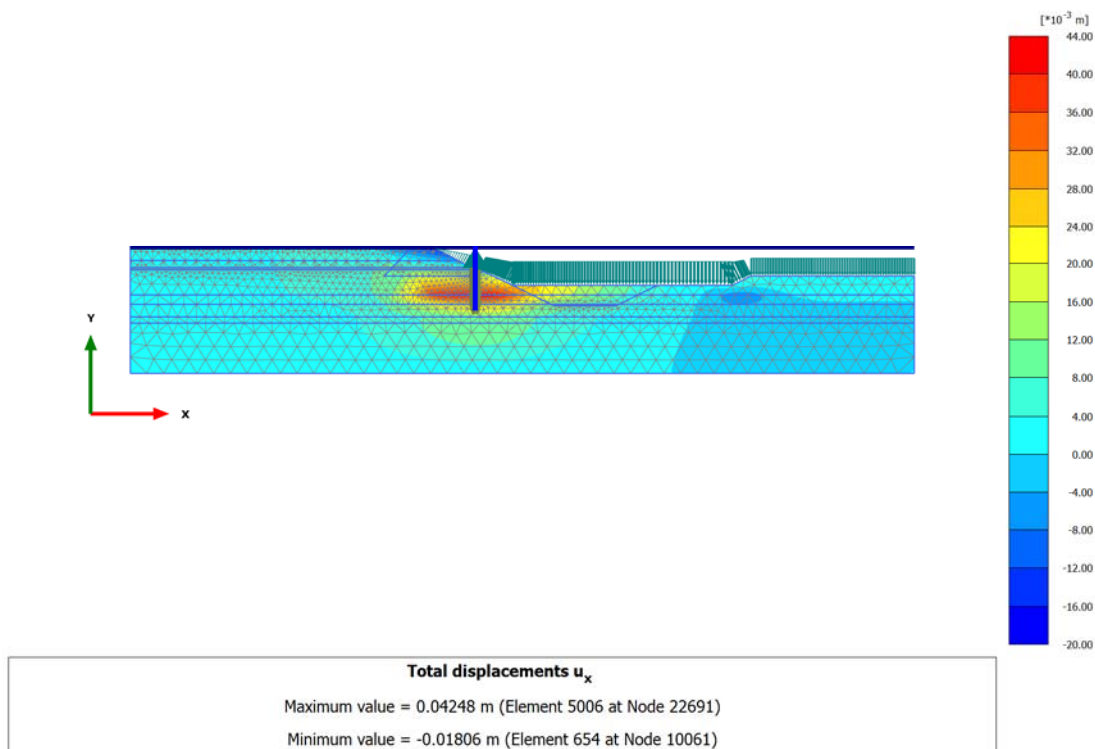
#### Total displacements $u_x$

Maximum value = 0.03443 m (Element 4826 at Node 21179)

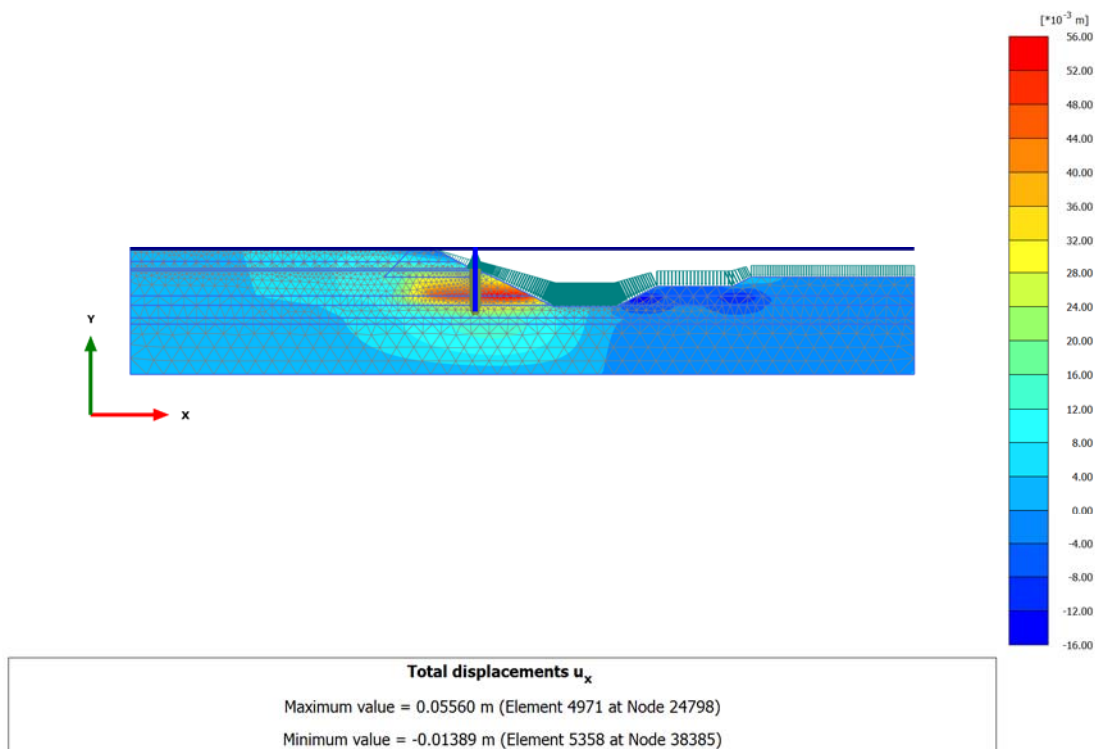
Minimum value = -0.01505 m (Element 654 at Node 10061)



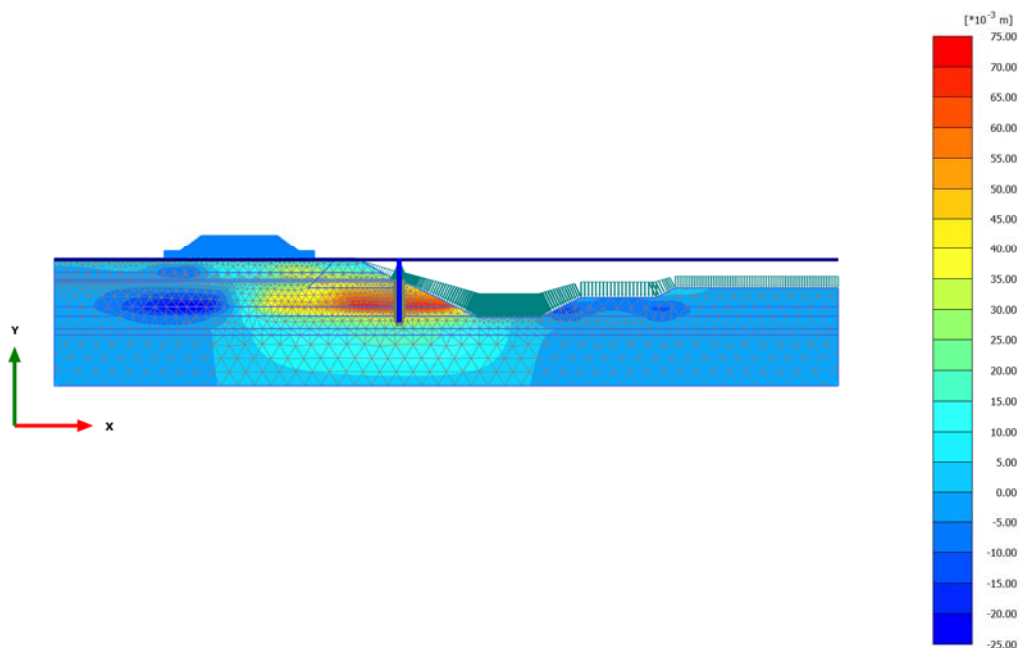
### 2.1.1.1.5 Calculation results, 1° scavo [Phase\_5] (23/66), Total displacements $u_x$



### 2.1.1.1.6 Calculation results, 2° scavo [Phase\_6] (24/73), Total displacements $u_x$



### 2.1.1.1.7 Calculation results, sovraccarico [Phase\_7] (25/85), Total displacements $u_x$

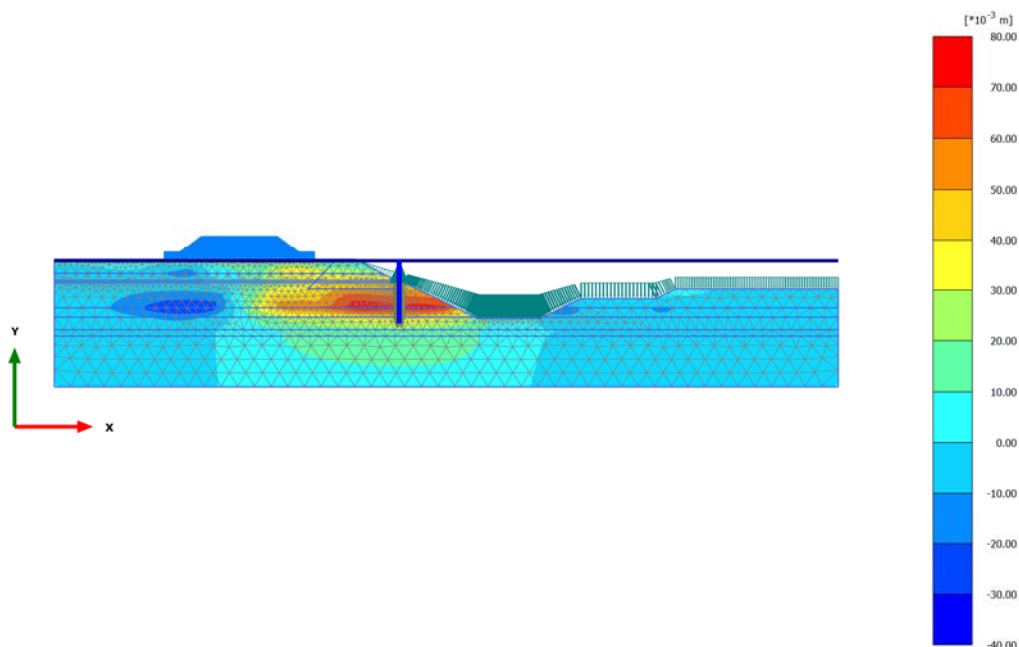


#### Total displacements $u_x$

Maximum value = 0.07393 m (Element 4804 at Node 21183)

Minimum value = -0.02453 m (Element 4426 at Node 11187)

### 2.1.1.1.8 Calculation results, SLU A1 M1 R1 [Phase\_8] (26/90), Total displacements $u_x$



#### Total displacements $u_x$

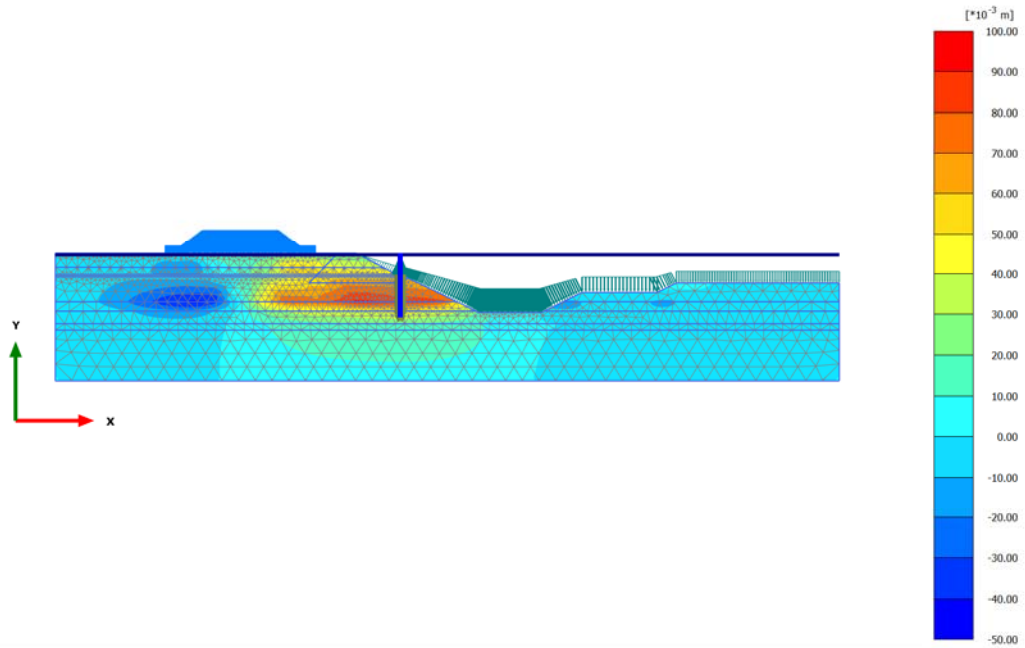
Maximum value = 0.07899 m (Element 4804 at Node 21186)

Minimum value = -0.03061 m (Element 4430 at Node 11188)





### 2.1.1.1.13 Calculation results, SLU A2 M2 R2 [Phase\_9] (27/508), Total displacements $u_x$

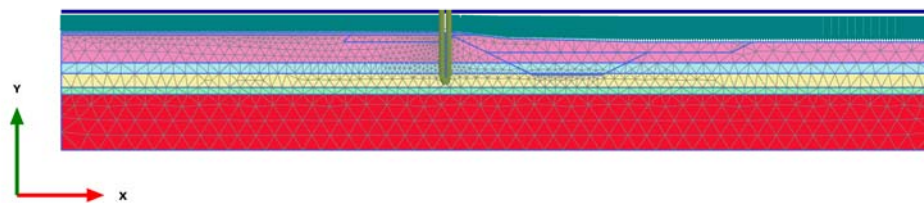


#### Total displacements $u_x$

Maximum value = 0.09223 m (Element 4722 at Node 21068)

Minimum value = -0.04231 m (Element 4430 at Node 11190)

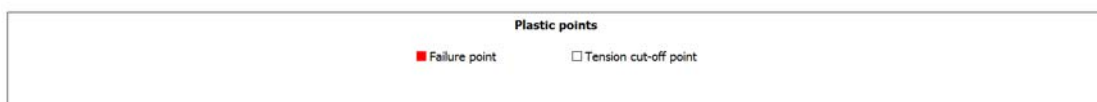
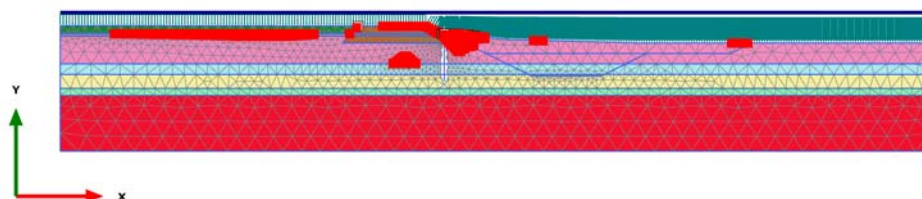
### 2.2.1.1 Calculation results, Initial phase [InitialPhase] (0/0), Plastic points



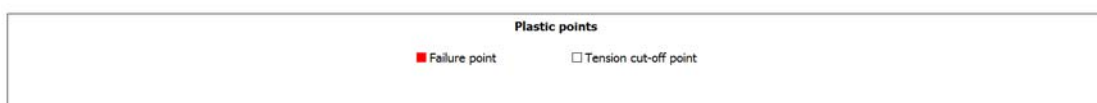
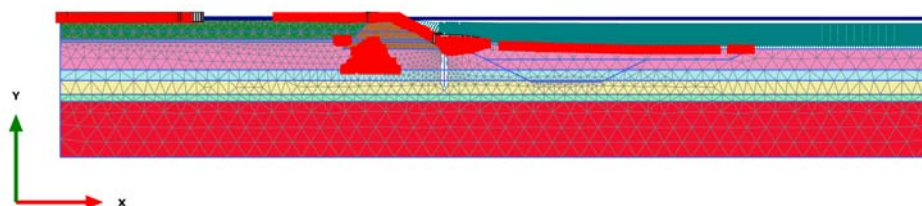
#### Plastic points

■ Failure point      □ Tension cut-off point

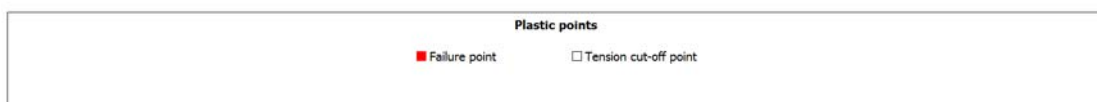
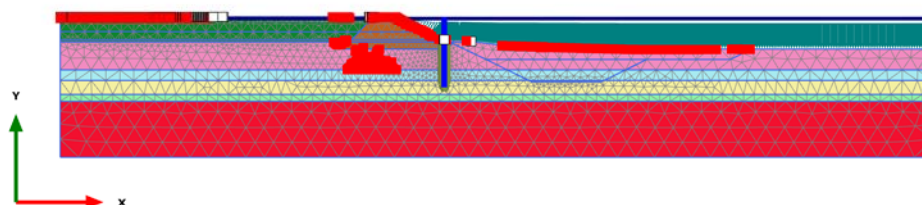
### 2.2.1.2 Calculation results, 1° step coronella [Phase\_1] (19/31), Plastic points



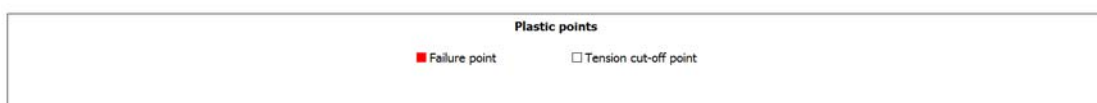
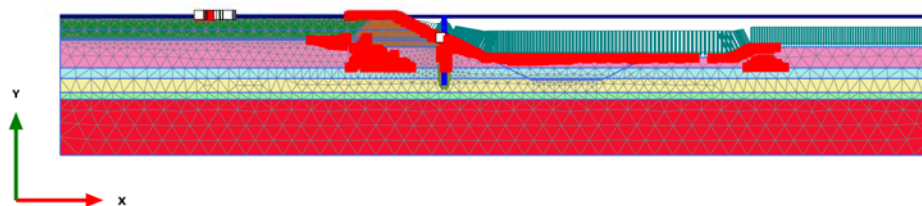
### 2.2.1.3 Calculation results, terreno riporto+coronella [Phase\_2] (20/52), Plastic points



#### 2.2.1.4 Calculation results, paratia [Phase\_4] (22/54), Plastic points

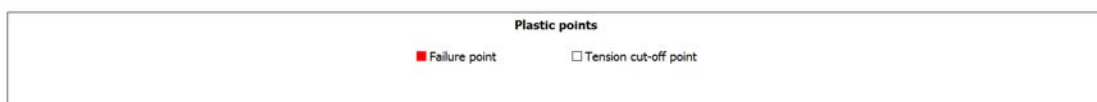
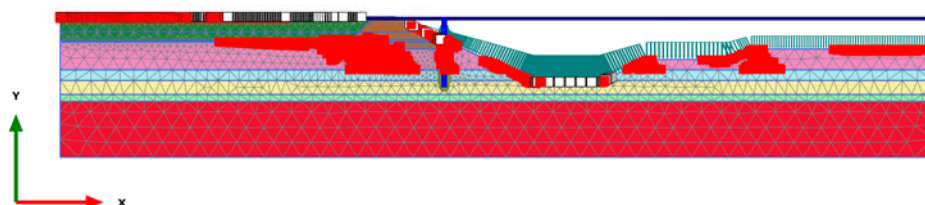


#### 2.2.1.5 Calculation results, 1° scavo [Phase\_5] (23/66), Plastic points

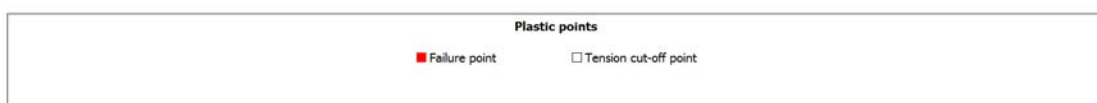
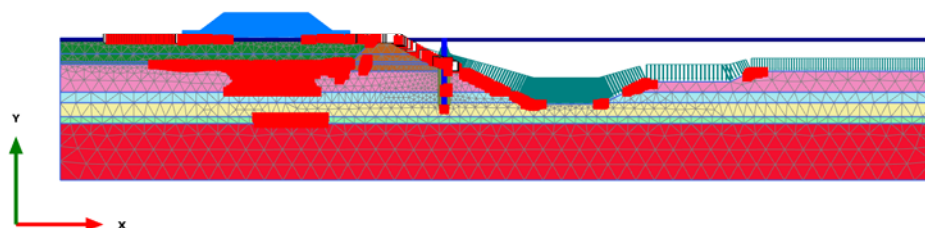




### 2.2.1.6 Calculation results, 2° scavo [Phase\_6] (24/73), Plastic points

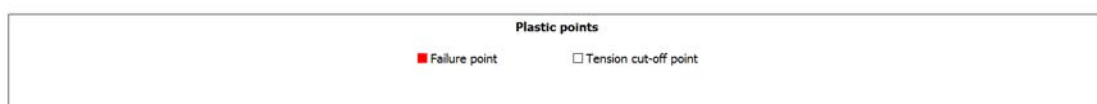
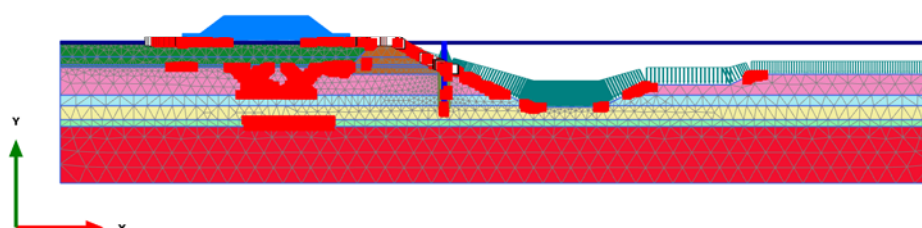


### 2.2.1.7 Calculation results, sovraccarico [Phase\_7] (25/85), Plastic points

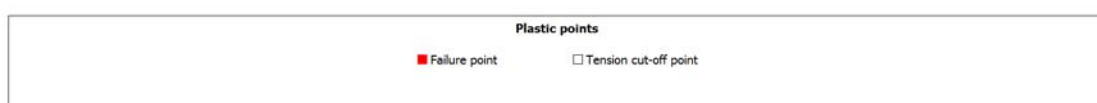
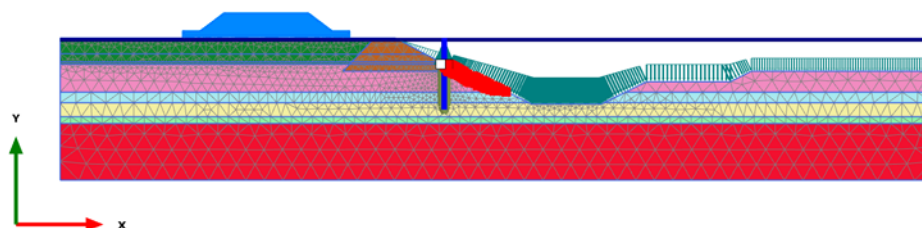




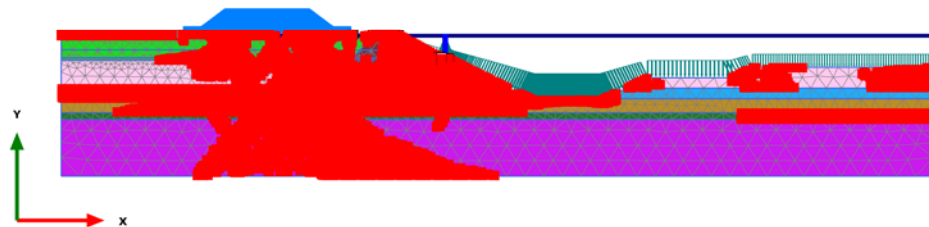
### 2.2.1.8 Calculation results, SLU A1 M1 R1 [Phase\_8] (26/90), Plastic points



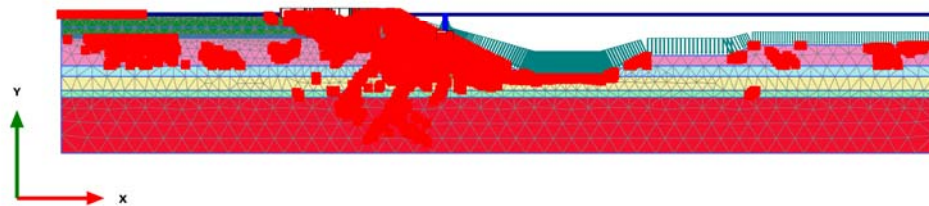
### 2.2.1.9 Calculation results, FS SLU A1 M1 R1 [Phase\_12] (30/190), Plastic points

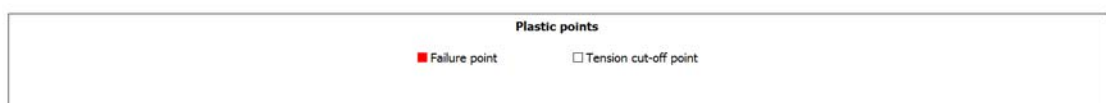


### 2.2.1.10 Calculation results, FS SLU A2 M2 R2 [Phase\_10] (28/290), Plastic points

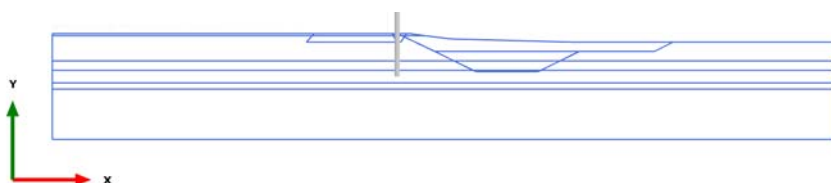


### 2.2.1.11 Calculation results, FS 2° scavo [Phase\_13] (31/390), Plastic points





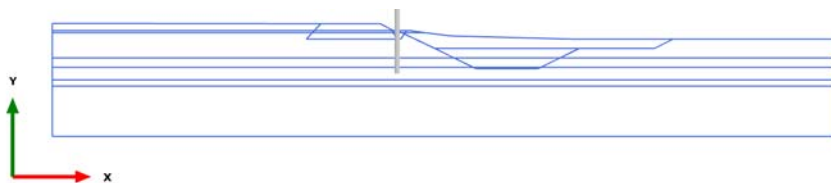
### 3.1.1.1.1.1 Calculation results, Plate, Initial phase [InitialPhase] (0/0), Total displacements $u_x$



Total displacements  $u_x$  (at true scale)

No results

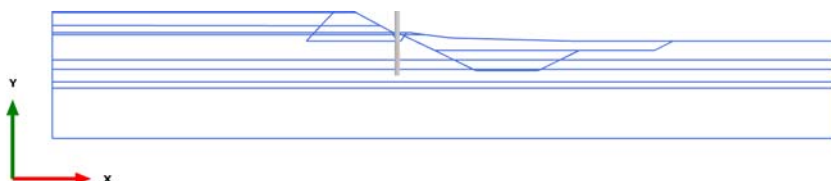
### 3.1.1.1.1.2 Calculation results, Plate, 1° step coronella [Phase\_1] (19/31), Total displacements $u_x$



Total displacements  $u_x$  (at true scale)

No results

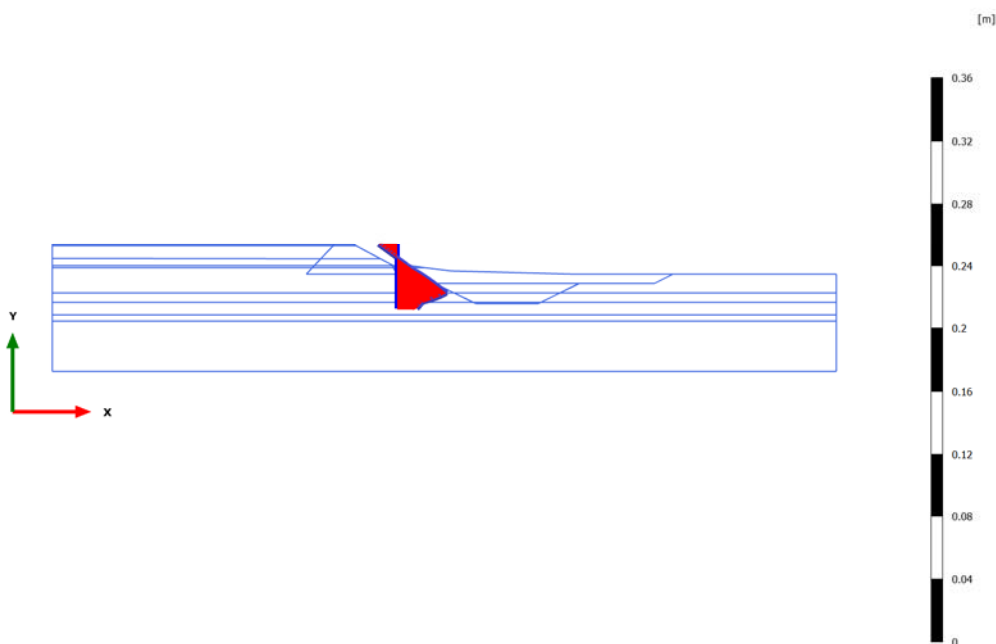
### 3.1.1.1.1.3 Calculation results, Plate, terreno riporto+coronella [Phase\_2] (20/52), Total displacements $u_x$



Total displacements  $u_x$  (at true scale)

No results

### 3.1.1.1.1.4 Calculation results, Plate, paratia [Phase\_4] (22/54), Total displacements $u_x$

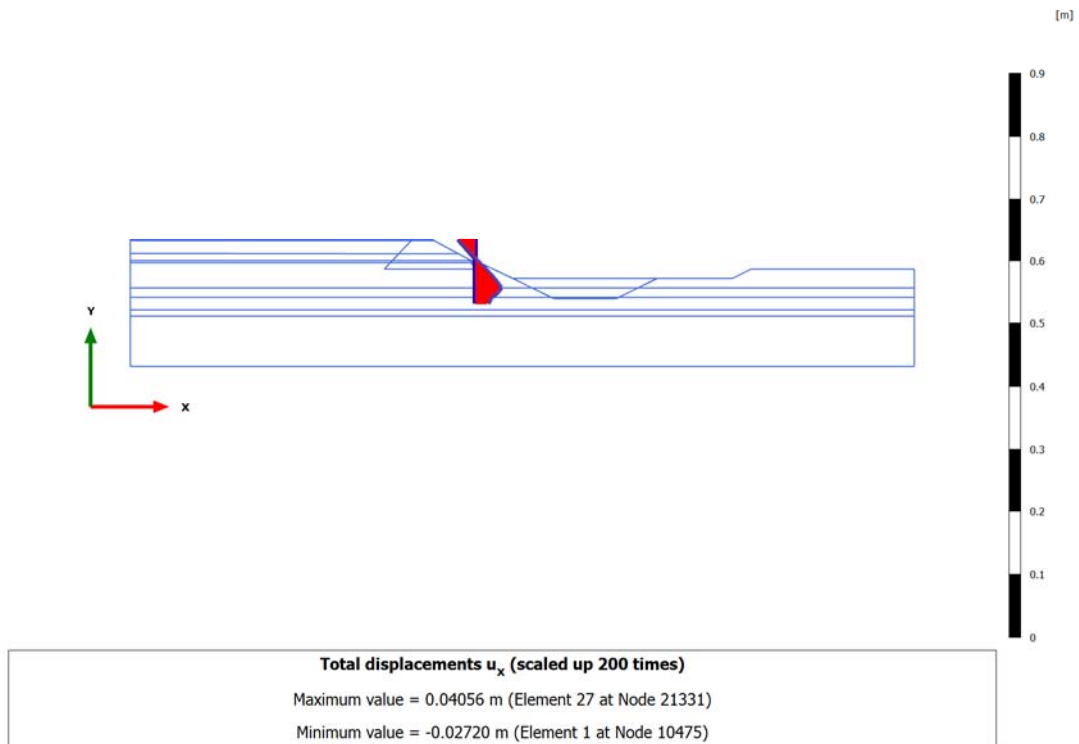


Total displacements  $u_x$  (scaled up 500 times)

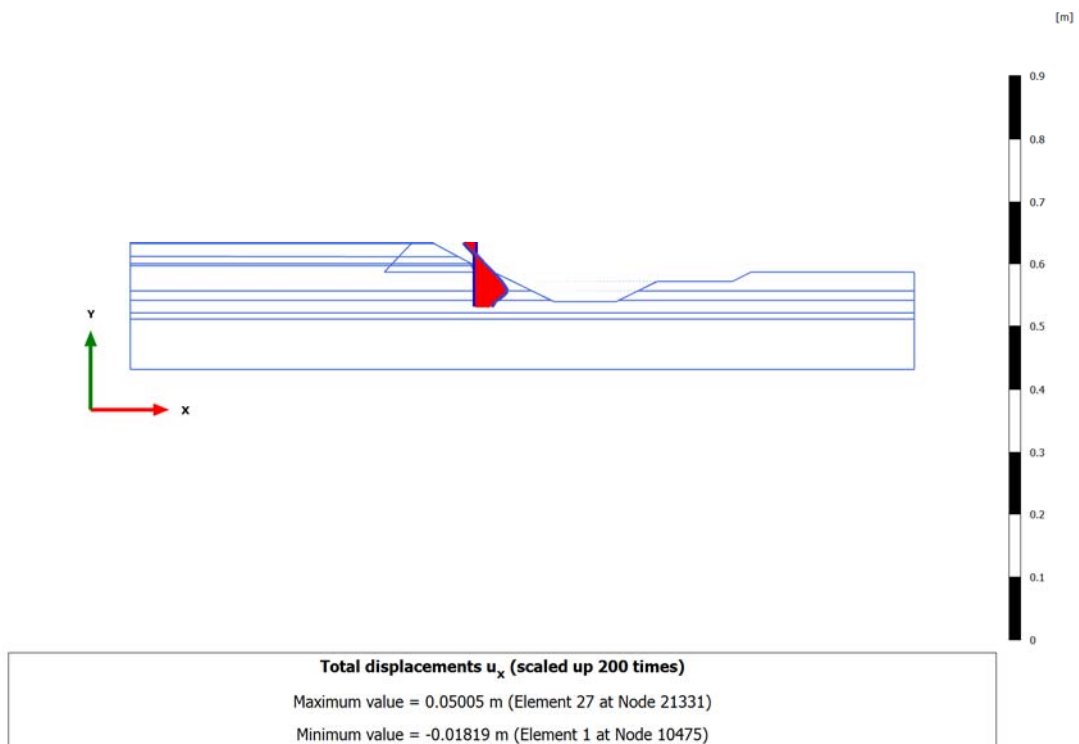
Maximum value = 0.03162 m (Element 27 at Node 21331)

Minimum value = -0.01195 m (Element 1 at Node 10475)

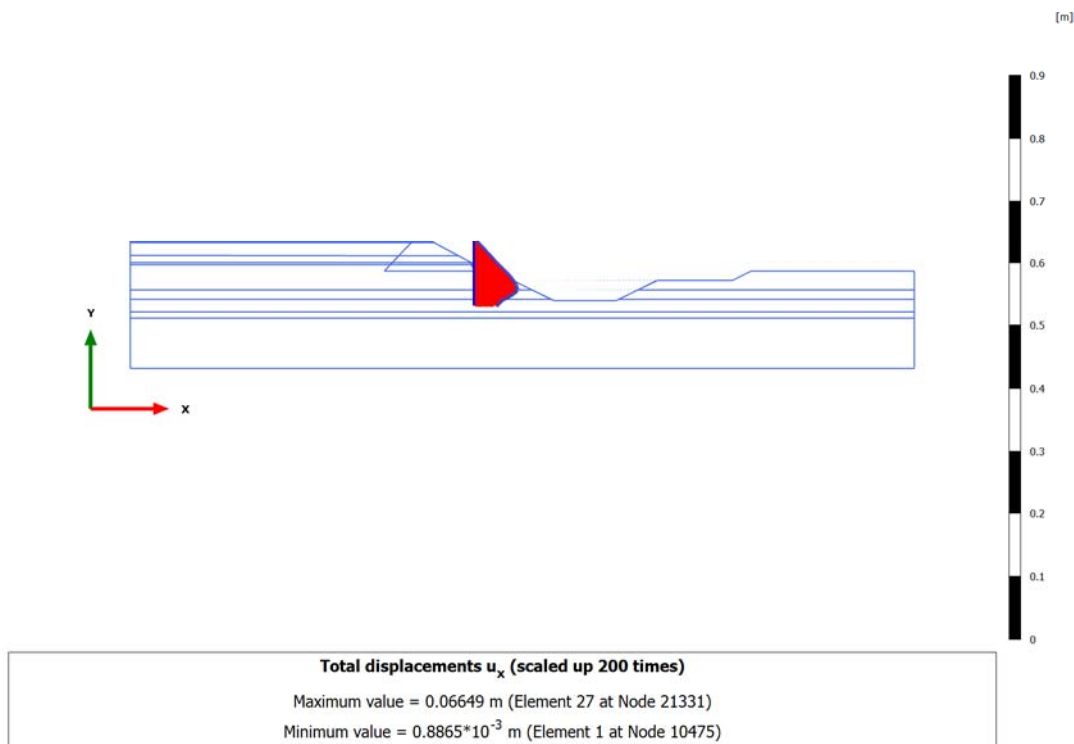
### 3.1.1.1.1.5 Calculation results, Plate, 1° scavo [Phase\_5] (23/66), Total displacements $u_x$



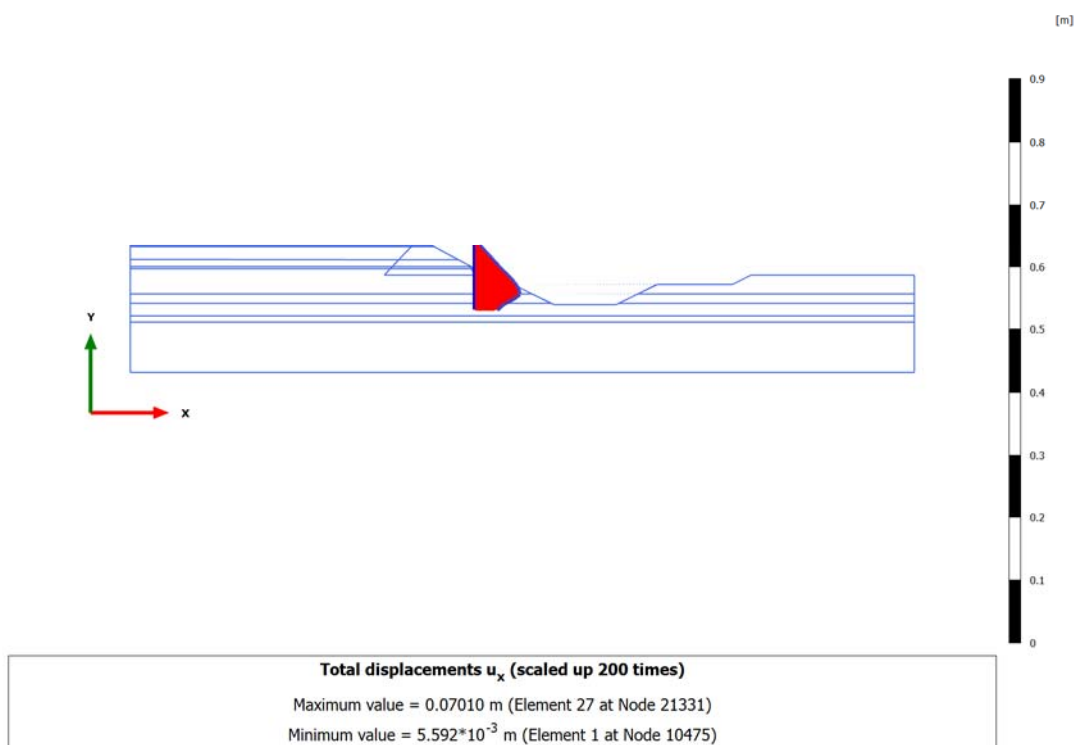
### 3.1.1.1.1.6 Calculation results, Plate, 2° scavo [Phase\_6] (24/73), Total displacements $u_x$



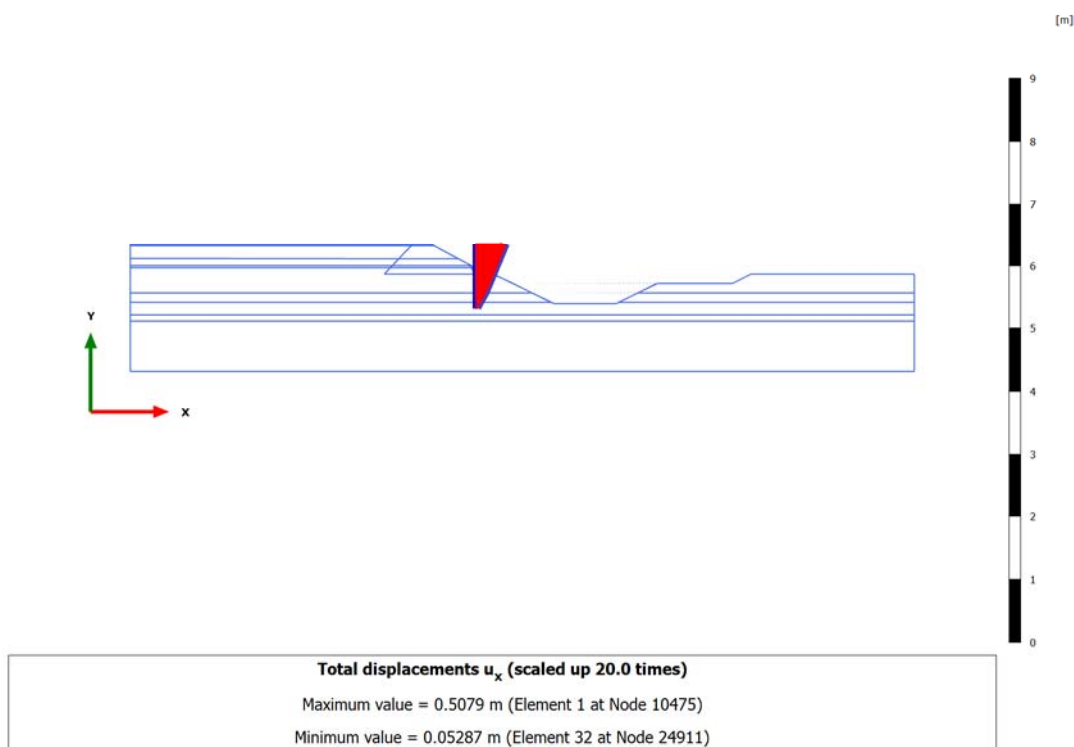
### 3.1.1.1.1.7 Calculation results, Plate, sovraccarico [Phase\_7] (25/85), Total displacements $u_x$



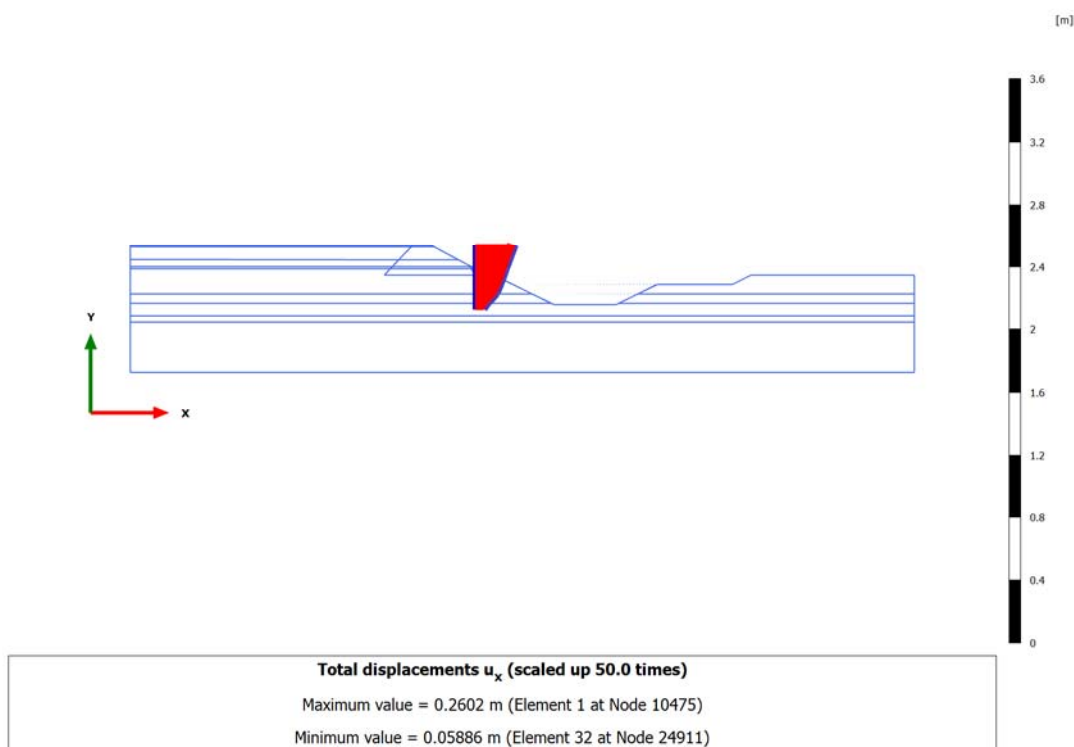
### 3.1.1.1.1.8 Calculation results, Plate, SLU A1 M1 R1 [Phase\_8] (26/90), Total displacements $u_x$



### 3.1.1.1.1.9 Calculation results, Plate, FS SLU A1 M1 R1 [Phase\_12] (30/190), Total displacements $u_x$

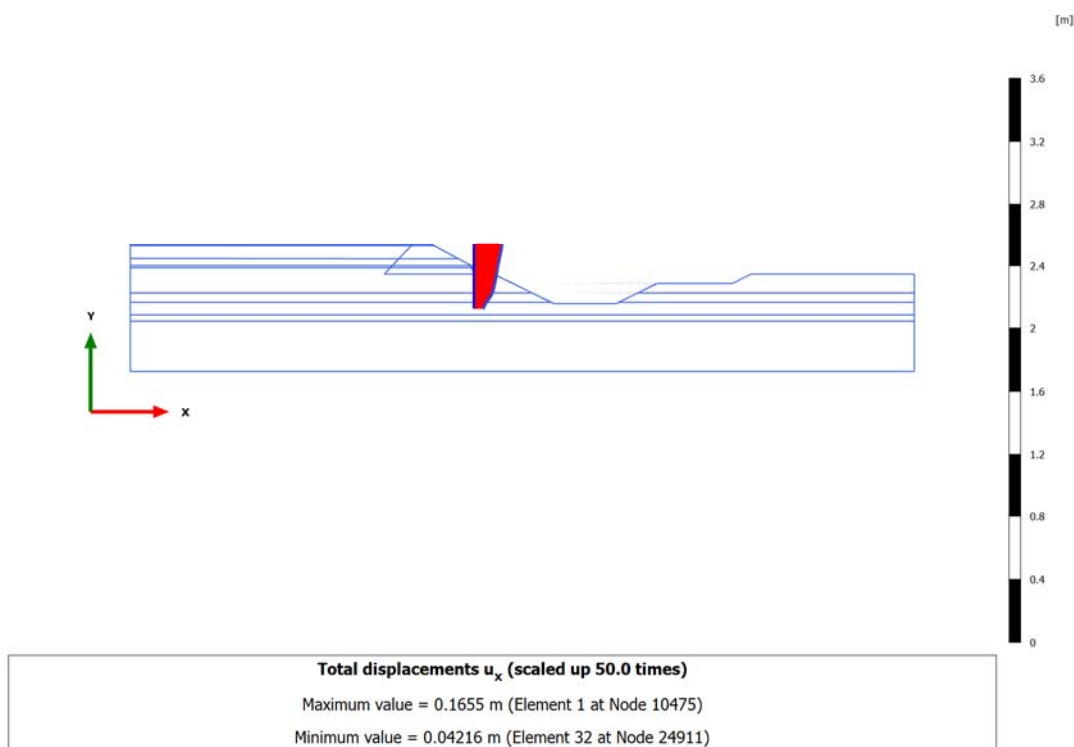


### 3.1.1.1.1.10 Calculation results, Plate, FS SLU A2 M2 R2 [Phase\_10] (28/290), Total displacements $u_x$

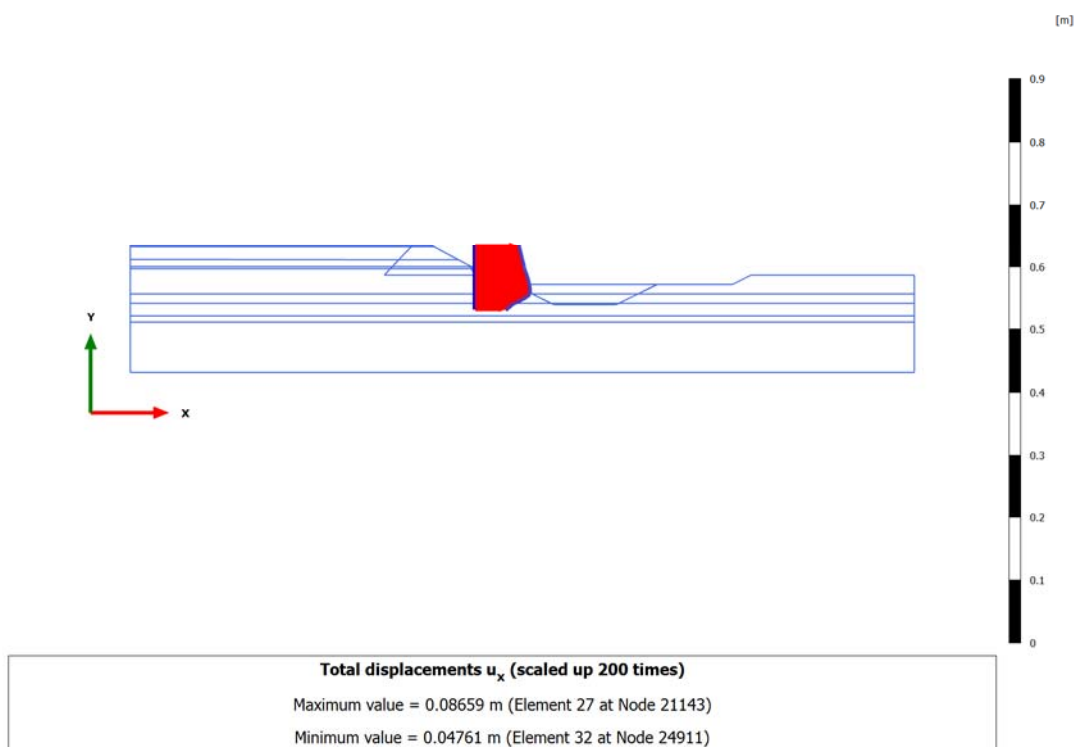




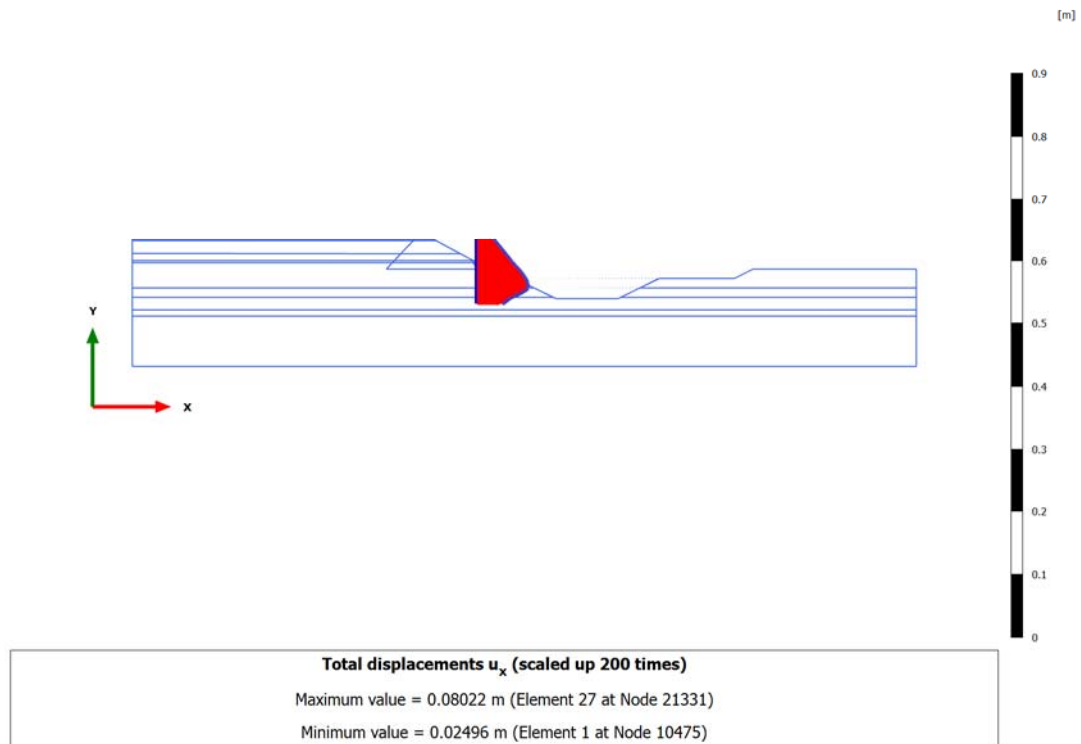
### 3.1.1.1.11 Calculation results, Plate, FS 2° scavo [Phase\_13] (31/390), Total displacements $u_x$



### 3.1.1.1.12 Calculation results, Plate, FS 1° scavo [Phase\_11] (29/490), Total displacements $u_x$



### 3.1.1.1.13 Calculation results, Plate, SLU A2 M2 R2 [Phase\_9] (27/508), Total displacements $u_x$



### 3.1.1.1.2.4 Calculation results, Plate, paratia [Phase\_4] (22/54), Table of total displacements

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
Plate 1-1	10475	1	110.000	0.500	-11.951	-20.960	24.128
(psp 600+pzl 610)	10476	2	110.000	0.375	-11.608	-20.960	23.960
	10477	3	110.000	0.250	-11.266	-20.960	23.797
	10478	4	110.000	0.125	-10.924	-20.960	23.636
	10647	5	110.000	0.000	-10.582	-20.960	23.480
Plate 2-2	10647	1	110.000	0.000	-10.582	-20.960	23.480
(psp 600+pzl 610)	10648	2	110.000	-0.173	-10.108	-20.960	23.271
	10649	3	110.000	-0.346	-9.634	-20.960	23.069
	10650	4	110.000	-0.520	-9.160	-20.960	22.875
	10671	5	110.000	-0.693	-8.687	-20.960	22.689
Plate 2-3	10671	1	110.000	-0.693	-8.687	-20.960	22.689
(psp 600+pzl 610)	10672	2	110.000	-0.864	-8.217	-20.960	22.514
	10673	3	110.000	-1.036	-7.748	-20.960	22.347
	10674	4	110.000	-1.207	-7.278	-20.960	22.188
	10963	5	110.000	-1.379	-6.809	-20.960	22.039
Plate 2-4	10963	1	110.000	-1.379	-6.809	-20.960	22.039
(psp 600+pzl 610)	10964	2	110.000	-1.549	-6.344	-20.960	21.900
	10965	3	110.000	-1.719	-5.879	-20.960	21.769
	10966	4	110.000	-1.889	-5.414	-20.960	21.649
	10977	5	110.000	-2.058	-4.950	-20.960	21.537
Plate 2-5	10977	1	110.000	-2.058	-4.950	-20.960	21.537
(psp 600+pzl 610)	10978	2	110.000	-2.227	-4.489	-20.960	21.436
	10979	3	110.000	-2.395	-4.029	-20.960	21.344
	10980	4	110.000	-2.563	-3.568	-20.960	21.262
	11973	5	110.000	-2.731	-3.108	-20.960	21.190
Plate 2-6	11973	1	110.000	-2.731	-3.108	-20.960	21.190
(psp 600+pzl 610)	11974	2	110.000	-2.898	-2.652	-20.960	21.128
	11975	3	110.000	-3.065	-2.196	-20.960	21.075
	11976	4	110.000	-3.231	-1.740	-20.960	21.033
	12761	5	110.000	-3.398	-1.284	-20.960	21.000
Plate 2-7	12761	1	110.000	-3.398	-1.284	-20.960	21.000
(psp 600+pzl 610)	12762	2	110.000	-3.563	-0.833	-20.960	20.977
	12763	3	110.000	-3.728	-0.381	-20.960	20.964
	12764	4	110.000	-3.893	0.070	-20.960	20.961
	13039	5	110.000	-4.058	0.522	-20.960	20.967
Plate 2-8	13039	1	110.000	-4.058	0.522	-20.960	20.967
(psp 600+pzl 610)	13040	2	110.000	-4.221	0.969	-20.960	20.983
	13041	3	110.000	-4.385	1.416	-20.960	21.008

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
	13042	4	110.000	-4.548	1.863	-20.960	21.043
	13879	5	110.000	-4.712	2.310	-20.960	21.087
Plate 2-9	13879	1	110.000	-4.712	2.310	-20.960	21.087
(psp 600+pzl 610)	13880	2	110.000	-4.873	2.753	-20.960	21.141
	13881	3	110.000	-5.035	3.196	-20.960	21.203
	13882	4	110.000	-5.197	3.639	-20.960	21.274
	13983	5	110.000	-5.359	4.082	-20.960	21.354
Plate 2-10	13983	1	110.000	-5.359	4.082	-20.960	21.354
(psp 600+pzl 610)	13984	2	110.000	-5.519	4.521	-20.960	21.442
	13985	3	110.000	-5.679	4.959	-20.960	21.539
	13986	4	110.000	-5.840	5.398	-20.960	21.644
	14345	5	110.000	-6.000	5.836	-20.960	21.758
Plate 3-11	14345	1	110.000	-6.000	5.836	-20.960	21.758
(psp 600+pzl 610)	14346	2	110.000	-6.075	6.042	-20.960	21.814
	14347	3	110.000	-6.150	6.247	-20.960	21.872
	14348	4	110.000	-6.225	6.452	-20.960	21.931
	14407	5	110.000	-6.300	6.657	-20.960	21.992
Plate 4-12	14407	1	110.000	-6.300	6.657	-20.960	21.992
(psp 600+pzl 610)	14408	2	110.000	-6.385	6.830	-20.940	22.025
	14409	3	110.000	-6.470	7.063	-20.834	21.999
	14410	4	110.000	-6.555	7.316	-20.734	21.987
	14431	5	110.000	-6.640	7.566	-20.644	21.987
Plate 4-13	14431	1	110.000	-6.640	7.566	-20.644	21.987
(psp 600+pzl 610)	14432	2	110.000	-6.730	7.844	-20.587	22.031
	14433	3	110.000	-6.820	8.117	-20.561	22.105
	14434	4	110.000	-6.910	8.375	-20.539	22.181
	15335	5	110.000	-7.000	8.612	-20.493	22.229
Plate 5-14	15335	1	110.000	-7.000	8.612	-20.493	22.229
(psp 600+pzl 610)	15336	2	110.000	-7.097	8.847	-20.408	22.243
	15337	3	110.000	-7.193	9.077	-20.273	22.212
	15338	4	110.000	-7.290	9.302	-20.096	22.144
	15577	5	110.000	-7.387	9.531	-19.901	22.066
Plate 5-15	15577	1	110.000	-7.387	9.531	-19.901	22.066
(psp 600+pzl 610)	15578	2	110.000	-7.485	9.846	-19.832	22.142
	15579	3	110.000	-7.583	10.169	-19.785	22.245
	15580	4	110.000	-7.682	10.499	-19.757	22.374
	16271	5	110.000	-7.780	10.845	-19.745	22.527
Plate 5-16	16271	1	110.000	-7.780	10.845	-19.745	22.527
(psp 600+pzl 610)	16272	2	110.000	-7.880	11.197	-19.737	22.692
	16273	3	110.000	-7.980	11.549	-19.729	22.861
	16274	4	110.000	-8.080	11.893	-19.722	23.030
	16681	5	110.000	-8.180	12.234	-19.721	23.208

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
Plate 5-17	16681	1	110.000	-8.180	12.234	-19.721	23.208
(psp 600+pzl 610)	16682	2	110.000	-8.281	12.577	-19.719	23.388
	16683	3	110.000	-8.383	12.919	-19.716	23.572
	16684	4	110.000	-8.485	13.259	-19.712	23.757
	16722	5	110.000	-8.586	13.597	-19.707	23.943
Plate 5-18	16722	1	110.000	-8.586	13.597	-19.707	23.943
(psp 600+pzl 610)	16724	2	110.000	-8.690	13.938	-19.701	24.133
	16725	3	110.000	-8.793	14.276	-19.694	24.324
	16726	4	110.000	-8.897	14.612	-19.687	24.517
	16723	5	110.000	-9.000	14.945	-19.680	24.711
Plate 6-19	16723	1	110.000	-9.000	14.945	-19.680	24.711
(psp 600+pzl 610)	16704	2	110.000	-9.110	15.297	-19.673	24.920
	16705	3	110.000	-9.220	15.646	-19.665	25.130
	16706	4	110.000	-9.330	15.992	-19.657	25.341
	16801	5	110.000	-9.440	16.336	-19.649	25.553
Plate 6-20	16801	1	110.000	-9.440	16.336	-19.649	25.553
(psp 600+pzl 610)	16802	2	110.000	-9.561	16.710	-19.639	25.786
	16803	3	110.000	-9.682	17.081	-19.628	26.020
	16804	4	110.000	-9.803	17.449	-19.617	26.255
	16831	5	110.000	-9.924	17.813	-19.606	26.490
Plate 6-21	16831	1	110.000	-9.924	17.813	-19.606	26.490
(psp 600+pzl 610)	16832	2	110.000	-10.058	18.210	-19.594	26.749
	16833	3	110.000	-10.191	18.604	-19.581	27.009
	16834	4	110.000	-10.324	18.993	-19.568	27.270
	16849	5	110.000	-10.458	19.380	-19.556	27.532
Plate 6-22	16849	1	110.000	-10.458	19.380	-19.556	27.532
(psp 600+pzl 610)	16850	2	110.000	-10.604	19.801	-19.541	27.820
	16851	3	110.000	-10.751	20.219	-19.527	28.109
	16852	4	110.000	-10.898	20.634	-19.513	28.399
	17863	5	110.000	-11.045	21.045	-19.499	28.690
Plate 6-23	17863	1	110.000	-11.045	21.045	-19.499	28.690
(psp 600+pzl 610)	17864	2	110.000	-11.206	21.495	-19.483	29.011
	17865	3	110.000	-11.368	21.941	-19.467	29.332
	17866	4	110.000	-11.530	22.384	-19.452	29.655
	18681	5	110.000	-11.691	22.825	-19.436	29.979
Plate 6-24	18681	1	110.000	-11.691	22.825	-19.436	29.979
(psp 600+pzl 610)	18682	2	110.000	-11.869	23.306	-19.419	30.336
	18683	3	110.000	-12.047	23.785	-19.403	30.695
	18684	4	110.000	-12.225	24.261	-19.387	31.056
	18967	5	110.000	-12.403	24.735	-19.371	31.418
Plate 6-25	18967	1	110.000	-12.403	24.735	-19.371	31.418
(psp 600+pzl 610)	18968	2	110.000	-12.599	25.255	-19.355	31.819

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
	18969	3	110.000	-12.795	25.773	-19.339	32.222
	18970	4	110.000	-12.991	26.289	-19.324	32.627
	20151	5	110.000	-13.187	26.805	-19.310	33.036
Plate 6-26	20151	1	110.000	-13.187	26.805	-19.310	33.036
(psp 600+pzl 610)	20152	2	110.000	-13.403	27.372	-19.296	33.490
	20153	3	110.000	-13.618	27.939	-19.283	33.948
	20154	4	110.000	-13.834	28.507	-19.273	34.410
	21141	5	110.000	-14.050	29.077	-19.263	34.879
Plate 6-27	21141	1	110.000	-14.050	29.077	-19.263	34.879
(psp 600+pzl 610)	21142	2	110.000	-14.287	29.706	-19.255	35.401
	21143	3	110.000	-14.525	30.342	-19.249	35.933
	21144	4	110.000	-14.762	30.985	-19.246	36.476
	21331	5	110.000	-15.000	31.624	-19.244	37.019
Plate 7-28	21331	1	110.000	-15.000	31.624	-19.244	37.019
(psp 600+pzl 610)	21332	2	110.000	-15.250	30.779	-18.386	35.853
	21333	3	110.000	-15.500	29.872	-17.531	34.636
	21334	4	110.000	-15.750	28.890	-16.672	33.356
	22335	5	110.000	-16.000	27.846	-15.800	32.017
Plate 7-29	22335	1	110.000	-16.000	27.846	-15.800	32.017
(psp 600+pzl 610)	22336	2	110.000	-16.250	26.702	-14.919	30.587
	22337	3	110.000	-16.500	25.467	-14.027	29.074
	22338	4	110.000	-16.750	24.140	-13.123	27.477
	23097	5	110.000	-17.000	22.721	-12.208	25.793
Plate 7-30	23097	1	110.000	-17.000	22.721	-12.208	25.793
(psp 600+pzl 610)	23098	2	110.000	-17.250	21.212	-11.286	24.028
	23099	3	110.000	-17.500	19.591	-10.346	22.155
	23100	4	110.000	-17.750	17.871	-9.387	20.186
	24335	5	110.000	-18.000	16.059	-8.432	18.138
Plate 8-31	24335	1	110.000	-18.000	16.059	-8.432	18.138
(psp 600+pzl 610)	24338	2	110.000	-18.250	15.686	-8.159	17.681
	24337	3	110.000	-18.500	15.318	-7.888	17.229
	24336	4	110.000	-18.750	14.923	-7.617	16.755
	24907	5	110.000	-19.000	14.497	-7.344	16.252
Plate 8-32	24907	1	110.000	-19.000	14.497	-7.344	16.252
(psp 600+pzl 610)	24908	2	110.000	-19.250	14.039	-7.067	15.717
	24909	3	110.000	-19.500	13.550	-6.789	15.156
	24910	4	110.000	-19.750	13.044	-6.517	14.581
	24911	5	110.000	-20.000	12.511	-6.243	13.982

### 3.1.1.1.2.5 Calculation results, Plate, 1° scavo [Phase\_5] (23/66), Table of total displacements

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
Plate 1-1	10475	1	110.000	0.500	-27.203	-7.285	28.161
(psp 600+pzl 610)	10476	2	110.000	0.375	-26.652	-7.285	27.630
	10477	3	110.000	0.250	-26.101	-7.285	27.099
	10478	4	110.000	0.125	-25.551	-7.285	26.569
	10647	5	110.000	0.000	-25.000	-7.285	26.040
Plate 2-2	10647	1	110.000	0.000	-25.000	-7.285	26.040
(psp 600+pzl 610)	10648	2	110.000	-0.173	-24.237	-7.285	25.308
	10649	3	110.000	-0.346	-23.474	-7.285	24.578
	10650	4	110.000	-0.520	-22.711	-7.285	23.851
	10671	5	110.000	-0.693	-21.948	-7.285	23.125
Plate 2-3	10671	1	110.000	-0.693	-21.948	-7.285	23.125
(psp 600+pzl 610)	10672	2	110.000	-0.864	-21.192	-7.285	22.409
	10673	3	110.000	-1.036	-20.437	-7.285	21.696
	10674	4	110.000	-1.207	-19.681	-7.285	20.986
	10963	5	110.000	-1.379	-18.925	-7.285	20.279
Plate 2-4	10963	1	110.000	-1.379	-18.925	-7.285	20.279
(psp 600+pzl 610)	10964	2	110.000	-1.549	-18.177	-7.285	19.582
	10965	3	110.000	-1.719	-17.429	-7.285	18.890
	10966	4	110.000	-1.889	-16.680	-7.285	18.202
	10977	5	110.000	-2.058	-15.932	-7.285	17.518
Plate 2-5	10977	1	110.000	-2.058	-15.932	-7.285	17.518
(psp 600+pzl 610)	10978	2	110.000	-2.227	-15.191	-7.285	16.847
	10979	3	110.000	-2.395	-14.450	-7.285	16.182
	10980	4	110.000	-2.563	-13.708	-7.285	15.524
	11973	5	110.000	-2.731	-12.967	-7.285	14.873
Plate 2-6	11973	1	110.000	-2.731	-12.967	-7.285	14.873
(psp 600+pzl 610)	11974	2	110.000	-2.898	-12.233	-7.285	14.238
	11975	3	110.000	-3.065	-11.499	-7.285	13.613
	11976	4	110.000	-3.231	-10.765	-7.285	12.998
	12761	5	110.000	-3.398	-10.031	-7.285	12.397
Plate 2-7	12761	1	110.000	-3.398	-10.031	-7.285	12.397
(psp 600+pzl 610)	12762	2	110.000	-3.563	-9.304	-7.285	11.817
	12763	3	110.000	-3.728	-8.577	-7.285	11.253
	12764	4	110.000	-3.893	-7.850	-7.285	10.710
	13039	5	110.000	-4.058	-7.123	-7.285	10.189
Plate 2-8	13039	1	110.000	-4.058	-7.123	-7.285	10.189
(psp 600+pzl 610)	13040	2	110.000	-4.221	-6.404	-7.285	9.699
	13041	3	110.000	-4.385	-5.684	-7.285	9.240

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
	13042	4	110.000	-4.548	-4.964	-7.285	8.815
	13879	5	110.000	-4.712	-4.244	-7.285	8.431
Plate 2-9	13879	1	110.000	-4.712	-4.244	-7.285	8.431
(psp 600+pzl 610)	13880	2	110.000	-4.873	-3.531	-7.285	8.095
	13881	3	110.000	-5.035	-2.818	-7.285	7.811
	13882	4	110.000	-5.197	-2.105	-7.285	7.583
	13983	5	110.000	-5.359	-1.392	-7.285	7.417
Plate 2-10	13983	1	110.000	-5.359	-1.392	-7.285	7.417
(psp 600+pzl 610)	13984	2	110.000	-5.519	-0.686	-7.285	7.317
	13985	3	110.000	-5.679	0.020	-7.285	7.285
	13986	4	110.000	-5.840	0.726	-7.285	7.321
	14345	5	110.000	-6.000	1.433	-7.285	7.424
Plate 3-11	14345	1	110.000	-6.000	1.433	-7.285	7.424
(psp 600+pzl 610)	14346	2	110.000	-6.075	1.763	-7.285	7.495
	14347	3	110.000	-6.150	2.093	-7.285	7.580
	14348	4	110.000	-6.225	2.424	-7.285	7.677
	14407	5	110.000	-6.300	2.754	-7.285	7.788
Plate 4-12	14407	1	110.000	-6.300	2.754	-7.285	7.788
(psp 600+pzl 610)	14408	2	110.000	-6.385	3.069	-7.264	7.886
	14409	3	110.000	-6.470	3.444	-7.158	7.944
	14410	4	110.000	-6.555	3.839	-7.059	8.035
	14431	5	110.000	-6.640	4.231	-6.969	8.153
Plate 4-13	14431	1	110.000	-6.640	4.231	-6.969	8.153
(psp 600+pzl 610)	14432	2	110.000	-6.730	4.659	-6.911	8.335
	14433	3	110.000	-6.820	5.082	-6.885	8.557
	14434	4	110.000	-6.910	5.489	-6.863	8.788
	15335	5	110.000	-7.000	5.876	-6.817	9.000
Plate 5-14	15335	1	110.000	-7.000	5.876	-6.817	9.000
(psp 600+pzl 610)	15336	2	110.000	-7.097	6.272	-6.732	9.201
	15337	3	110.000	-7.193	6.662	-6.597	9.376
	15338	4	110.000	-7.290	7.048	-6.420	9.534
	15577	5	110.000	-7.387	7.439	-6.225	9.700
Plate 5-15	15577	1	110.000	-7.387	7.439	-6.225	9.700
(psp 600+pzl 610)	15578	2	110.000	-7.485	7.918	-6.156	10.029
	15579	3	110.000	-7.583	8.405	-6.109	10.391
	15580	4	110.000	-7.682	8.900	-6.082	10.780
	16271	5	110.000	-7.780	9.410	-6.070	11.198
Plate 5-16	16271	1	110.000	-7.780	9.410	-6.070	11.198
(psp 600+pzl 610)	16272	2	110.000	-7.880	9.931	-6.062	11.635
	16273	3	110.000	-7.980	10.451	-6.054	12.078
	16274	4	110.000	-8.080	10.965	-6.047	12.522
	16681	5	110.000	-8.180	11.475	-6.047	12.971



Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
Plate 5-17	16681	1	110.000	-8.180	11.475	-6.047	12.971
(psp 600+pzl 610)	16682	2	110.000	-8.281	11.991	-6.045	13.428
	16683	3	110.000	-8.383	12.506	-6.042	13.889
	16684	4	110.000	-8.485	13.020	-6.038	14.353
	16722	5	110.000	-8.586	13.533	-6.034	14.817
Plate 5-18	16722	1	110.000	-8.586	13.533	-6.034	14.817
(psp 600+pzl 610)	16724	2	110.000	-8.690	14.051	-6.028	15.290
	16725	3	110.000	-8.793	14.567	-6.021	15.763
	16726	4	110.000	-8.897	15.081	-6.015	16.236
	16723	5	110.000	-9.000	15.593	-6.008	16.710
Plate 6-19	16723	1	110.000	-9.000	15.593	-6.008	16.710
(psp 600+pzl 610)	16704	2	110.000	-9.110	16.135	-6.002	17.215
	16705	3	110.000	-9.220	16.675	-5.995	17.720
	16706	4	110.000	-9.330	17.212	-5.987	18.224
	16801	5	110.000	-9.440	17.748	-5.979	18.728
Plate 6-20	16801	1	110.000	-9.440	17.748	-5.979	18.728
(psp 600+pzl 610)	16802	2	110.000	-9.561	18.333	-5.969	19.280
	16803	3	110.000	-9.682	18.915	-5.960	19.831
	16804	4	110.000	-9.803	19.493	-5.949	20.381
	16831	5	110.000	-9.924	20.068	-5.939	20.928
Plate 6-21	16831	1	110.000	-9.924	20.068	-5.939	20.928
(psp 600+pzl 610)	16832	2	110.000	-10.058	20.697	-5.927	21.529
	16833	3	110.000	-10.191	21.321	-5.915	22.127
	16834	4	110.000	-10.324	21.942	-5.903	22.722
	16849	5	110.000	-10.458	22.558	-5.892	23.315
Plate 6-22	16849	1	110.000	-10.458	22.558	-5.892	23.315
(psp 600+pzl 610)	16850	2	110.000	-10.604	23.232	-5.878	23.964
	16851	3	110.000	-10.751	23.901	-5.865	24.610
	16852	4	110.000	-10.898	24.565	-5.852	25.253
	17863	5	110.000	-11.045	25.224	-5.838	25.891
Plate 6-23	17863	1	110.000	-11.045	25.224	-5.838	25.891
(psp 600+pzl 610)	17864	2	110.000	-11.206	25.944	-5.824	26.590
	17865	3	110.000	-11.368	26.658	-5.809	27.283
	17866	4	110.000	-11.530	27.365	-5.795	27.972
	18681	5	110.000	-11.691	28.065	-5.781	28.654
Plate 6-24	18681	1	110.000	-11.691	28.065	-5.781	28.654
(psp 600+pzl 610)	18682	2	110.000	-11.869	28.828	-5.765	29.399
	18683	3	110.000	-12.047	29.583	-5.750	30.137
	18684	4	110.000	-12.225	30.329	-5.735	30.866
	18967	5	110.000	-12.403	31.065	-5.721	31.587
Plate 6-25	18967	1	110.000	-12.403	31.065	-5.721	31.587
(psp 600+pzl 610)	18968	2	110.000	-12.599	31.865	-5.706	32.372

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
	18969	3	110.000	-12.795	32.652	-5.692	33.145
	18970	4	110.000	-12.991	33.427	-5.679	33.906
	20151	5	110.000	-13.187	34.189	-5.666	34.655
Plate 6-26	20151	1	110.000	-13.187	34.189	-5.666	34.655
(psp 600+pzl 610)	20152	2	110.000	-13.403	35.012	-5.654	35.465
	20153	3	110.000	-13.618	35.818	-5.643	36.259
	20154	4	110.000	-13.834	36.606	-5.634	37.037
	21141	5	110.000	-14.050	37.377	-5.627	37.798
Plate 6-27	21141	1	110.000	-14.050	37.377	-5.627	37.798
(psp 600+pzl 610)	21142	2	110.000	-14.287	38.203	-5.620	38.614
	21143	3	110.000	-14.525	39.011	-5.616	39.413
	21144	4	110.000	-14.762	39.800	-5.615	40.194
	21331	5	110.000	-15.000	40.557	-5.615	40.944
Plate 7-28	21331	1	110.000	-15.000	40.557	-5.615	40.944
(psp 600+pzl 610)	21332	2	110.000	-15.250	39.810	-4.758	40.094
	21333	3	110.000	-15.500	38.976	-3.905	39.171
	21334	4	110.000	-15.750	38.045	-3.048	38.167
	22335	5	110.000	-16.000	37.028	-2.178	37.092
Plate 7-29	22335	1	110.000	-16.000	37.028	-2.178	37.092
(psp 600+pzl 610)	22336	2	110.000	-16.250	35.891	-1.298	35.914
	22337	3	110.000	-16.500	34.644	-0.408	34.646
	22338	4	110.000	-16.750	33.287	0.494	33.291
	23097	5	110.000	-17.000	31.823	1.407	31.854
Plate 7-30	23097	1	110.000	-17.000	31.823	1.407	31.854
(psp 600+pzl 610)	23098	2	110.000	-17.250	30.254	2.328	30.343
	23099	3	110.000	-17.500	28.560	3.267	28.746
	23100	4	110.000	-17.750	26.757	4.224	27.088
	24335	5	110.000	-18.000	24.852	5.177	25.386
Plate 8-31	24335	1	110.000	-18.000	24.852	5.177	25.386
(psp 600+pzl 610)	24338	2	110.000	-18.250	24.380	5.448	24.982
	24337	3	110.000	-18.500	23.907	5.719	24.581
	24336	4	110.000	-18.750	23.402	5.988	24.156
	24907	5	110.000	-19.000	22.864	6.260	23.706
Plate 8-32	24907	1	110.000	-19.000	22.864	6.260	23.706
(psp 600+pzl 610)	24908	2	110.000	-19.250	22.291	6.537	23.230
	24909	3	110.000	-19.500	21.688	6.814	22.734
	24910	4	110.000	-19.750	21.067	7.086	22.227
	24911	5	110.000	-20.000	20.421	7.360	21.707

### 3.1.1.1.2.6 Calculation results, Plate, 2° scavo [Phase\_6] (24/73), Table of total displacements

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
Plate 1-1	10475	1	110.000	0.500	-18.187	-10.258	20.880
(psp 600+pzl 610)	10476	2	110.000	0.375	-17.611	-10.258	20.381
	10477	3	110.000	0.250	-17.036	-10.258	19.885
	10478	4	110.000	0.125	-16.460	-10.258	19.394
	10647	5	110.000	0.000	-15.884	-10.258	18.908
Plate 2-2	10647	1	110.000	0.000	-15.884	-10.258	18.908
(psp 600+pzl 610)	10648	2	110.000	-0.173	-15.086	-10.258	18.243
	10649	3	110.000	-0.346	-14.288	-10.258	17.589
	10650	4	110.000	-0.520	-13.490	-10.258	16.947
	10671	5	110.000	-0.693	-12.692	-10.258	16.319
Plate 2-3	10671	1	110.000	-0.693	-12.692	-10.258	16.319
(psp 600+pzl 610)	10672	2	110.000	-0.864	-11.902	-10.258	15.713
	10673	3	110.000	-1.036	-11.112	-10.258	15.123
	10674	4	110.000	-1.207	-10.322	-10.258	14.552
	10963	5	110.000	-1.379	-9.532	-10.258	14.003
Plate 2-4	10963	1	110.000	-1.379	-9.532	-10.258	14.003
(psp 600+pzl 610)	10964	2	110.000	-1.549	-8.749	-10.258	13.482
	10965	3	110.000	-1.719	-7.967	-10.258	12.988
	10966	4	110.000	-1.889	-7.184	-10.258	12.523
	10977	5	110.000	-2.058	-6.402	-10.258	12.091
Plate 2-5	10977	1	110.000	-2.058	-6.402	-10.258	12.091
(psp 600+pzl 610)	10978	2	110.000	-2.227	-5.627	-10.258	11.700
	10979	3	110.000	-2.395	-4.852	-10.258	11.347
	10980	4	110.000	-2.563	-4.077	-10.258	11.038
	11973	5	110.000	-2.731	-3.302	-10.258	10.776
Plate 2-6	11973	1	110.000	-2.731	-3.302	-10.258	10.776
(psp 600+pzl 610)	11974	2	110.000	-2.898	-2.534	-10.258	10.566
	11975	3	110.000	-3.065	-1.767	-10.258	10.409
	11976	4	110.000	-3.231	-0.999	-10.258	10.306
	12761	5	110.000	-3.398	-0.232	-10.258	10.260
Plate 2-7	12761	1	110.000	-3.398	-0.232	-10.258	10.260
(psp 600+pzl 610)	12762	2	110.000	-3.563	0.529	-10.258	10.271
	12763	3	110.000	-3.728	1.289	-10.258	10.338
	12764	4	110.000	-3.893	2.049	-10.258	10.460
	13039	5	110.000	-4.058	2.809	-10.258	10.635
Plate 2-8	13039	1	110.000	-4.058	2.809	-10.258	10.635
(psp 600+pzl 610)	13040	2	110.000	-4.221	3.562	-10.258	10.858
	13041	3	110.000	-4.385	4.315	-10.258	11.128

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
	13042	4	110.000	-4.548	5.067	-10.258	11.441
	13879	5	110.000	-4.712	5.820	-10.258	11.794
Plate 2-9	13879	1	110.000	-4.712	5.820	-10.258	11.794
(psp 600+pzl 610)	13880	2	110.000	-4.873	6.566	-10.258	12.179
	13881	3	110.000	-5.035	7.311	-10.258	12.597
	13882	4	110.000	-5.197	8.057	-10.258	13.043
	13983	5	110.000	-5.359	8.802	-10.258	13.517
Plate 2-10	13983	1	110.000	-5.359	8.802	-10.258	13.517
(psp 600+pzl 610)	13984	2	110.000	-5.519	9.541	-10.258	14.009
	13985	3	110.000	-5.679	10.279	-10.258	14.522
	13986	4	110.000	-5.840	11.017	-10.258	15.053
	14345	5	110.000	-6.000	11.756	-10.258	15.602
Plate 3-11	14345	1	110.000	-6.000	11.756	-10.258	15.602
(psp 600+pzl 610)	14346	2	110.000	-6.075	12.101	-10.258	15.864
	14347	3	110.000	-6.150	12.447	-10.258	16.129
	14348	4	110.000	-6.225	12.792	-10.258	16.397
	14407	5	110.000	-6.300	13.138	-10.258	16.668
Plate 4-12	14407	1	110.000	-6.300	13.138	-10.258	16.668
(psp 600+pzl 610)	14408	2	110.000	-6.385	13.470	-10.237	16.918
	14409	3	110.000	-6.470	13.862	-10.131	17.170
	14410	4	110.000	-6.555	14.274	-10.032	17.447
	14431	5	110.000	-6.640	14.683	-9.942	17.732
Plate 4-13	14431	1	110.000	-6.640	14.683	-9.942	17.732
(psp 600+pzl 610)	14432	2	110.000	-6.730	15.129	-9.884	18.072
	14433	3	110.000	-6.820	15.571	-9.858	18.429
	14434	4	110.000	-6.910	15.996	-9.836	18.778
	15335	5	110.000	-7.000	16.401	-9.790	19.101
Plate 5-14	15335	1	110.000	-7.000	16.401	-9.790	19.101
(psp 600+pzl 610)	15336	2	110.000	-7.097	16.817	-9.705	19.417
	15337	3	110.000	-7.193	17.227	-9.570	19.707
	15338	4	110.000	-7.290	17.632	-9.393	19.978
	15577	5	110.000	-7.387	18.043	-9.198	20.252
Plate 5-15	15577	1	110.000	-7.387	18.043	-9.198	20.252
(psp 600+pzl 610)	15578	2	110.000	-7.485	18.541	-9.129	20.667
	15579	3	110.000	-7.583	19.048	-9.083	21.103
	15580	4	110.000	-7.682	19.563	-9.055	21.557
	16271	5	110.000	-7.780	20.093	-9.043	22.034
Plate 5-16	16271	1	110.000	-7.780	20.093	-9.043	22.034
(psp 600+pzl 610)	16272	2	110.000	-7.880	20.633	-9.035	22.525
	16273	3	110.000	-7.980	21.173	-9.028	23.017
	16274	4	110.000	-8.080	21.705	-9.021	23.505
	16681	5	110.000	-8.180	22.234	-9.020	23.994

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
Plate 5-17	16681	1	110.000	-8.180	22.234	-9.020	23.994
(psp 600+pzl 610)	16682	2	110.000	-8.281	22.769	-9.019	24.490
	16683	3	110.000	-8.383	23.303	-9.016	24.986
	16684	4	110.000	-8.485	23.835	-9.012	25.482
	16722	5	110.000	-8.586	24.365	-9.008	25.977
Plate 5-18	16722	1	110.000	-8.586	24.365	-9.008	25.977
(psp 600+pzl 610)	16724	2	110.000	-8.690	24.901	-9.002	26.479
	16725	3	110.000	-8.793	25.434	-8.996	26.979
	16726	4	110.000	-8.897	25.965	-8.989	27.477
	16723	5	110.000	-9.000	26.492	-8.983	27.974
Plate 6-19	16723	1	110.000	-9.000	26.492	-8.983	27.974
(psp 600+pzl 610)	16704	2	110.000	-9.110	27.051	-8.976	28.501
	16705	3	110.000	-9.220	27.606	-8.969	29.027
	16706	4	110.000	-9.330	28.158	-8.962	29.550
	16801	5	110.000	-9.440	28.707	-8.954	30.071
Plate 6-20	16801	1	110.000	-9.440	28.707	-8.954	30.071
(psp 600+pzl 610)	16802	2	110.000	-9.561	29.306	-8.944	30.641
	16803	3	110.000	-9.682	29.901	-8.935	31.207
	16804	4	110.000	-9.803	30.491	-8.924	31.770
	16831	5	110.000	-9.924	31.076	-8.914	32.329
Plate 6-21	16831	1	110.000	-9.924	31.076	-8.914	32.329
(psp 600+pzl 610)	16832	2	110.000	-10.058	31.714	-8.902	32.940
	16833	3	110.000	-10.191	32.347	-8.891	33.546
	16834	4	110.000	-10.324	32.973	-8.879	34.148
	16849	5	110.000	-10.458	33.593	-8.867	34.744
Plate 6-22	16849	1	110.000	-10.458	33.593	-8.867	34.744
(psp 600+pzl 610)	16850	2	110.000	-10.604	34.269	-8.854	35.394
	16851	3	110.000	-10.751	34.937	-8.841	36.038
	16852	4	110.000	-10.898	35.598	-8.828	36.676
	17863	5	110.000	-11.045	36.250	-8.814	37.306
Plate 6-23	17863	1	110.000	-11.045	36.250	-8.814	37.306
(psp 600+pzl 610)	17864	2	110.000	-11.206	36.959	-8.800	37.992
	17865	3	110.000	-11.368	37.658	-8.785	38.669
	17866	4	110.000	-11.530	38.346	-8.771	39.337
	18681	5	110.000	-11.691	39.024	-8.756	39.994
Plate 6-24	18681	1	110.000	-11.691	39.024	-8.756	39.994
(psp 600+pzl 610)	18682	2	110.000	-11.869	39.757	-8.741	40.707
	18683	3	110.000	-12.047	40.476	-8.726	41.406
	18684	4	110.000	-12.225	41.181	-8.711	42.093
	18967	5	110.000	-12.403	41.871	-8.697	42.765
Plate 6-25	18967	1	110.000	-12.403	41.871	-8.697	42.765
(psp 600+pzl 610)	18968	2	110.000	-12.599	42.613	-8.682	43.489

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
	18969	3	110.000	-12.795	43.336	-8.667	44.195
	18970	4	110.000	-12.991	44.040	-8.654	44.882
	20151	5	110.000	-13.187	44.723	-8.641	45.550
Plate 6-26	20151	1	110.000	-13.187	44.723	-8.641	45.550
(psp 600+pzl 610)	20152	2	110.000	-13.403	45.451	-8.629	46.263
	20153	3	110.000	-13.618	46.155	-8.617	46.952
	20154	4	110.000	-13.834	46.832	-8.608	47.617
	21141	5	110.000	-14.050	47.484	-8.599	48.257
Plate 6-27	21141	1	110.000	-14.050	47.484	-8.599	48.257
(psp 600+pzl 610)	21142	2	110.000	-14.287	48.171	-8.592	48.932
	21143	3	110.000	-14.525	48.831	-8.588	49.580
	21144	4	110.000	-14.762	49.463	-8.585	50.202
	21331	5	110.000	-15.000	50.054	-8.584	50.785
Plate 7-28	21331	1	110.000	-15.000	50.054	-8.584	50.785
(psp 600+pzl 610)	21332	2	110.000	-15.250	49.124	-7.727	49.728
	21333	3	110.000	-15.500	48.098	-6.872	48.586
	21334	4	110.000	-15.750	46.966	-6.015	47.349
	22335	5	110.000	-16.000	45.741	-5.144	46.030
Plate 7-29	22335	1	110.000	-16.000	45.741	-5.144	46.030
(psp 600+pzl 610)	22336	2	110.000	-16.250	44.389	-4.263	44.593
	22337	3	110.000	-16.500	42.920	-3.372	43.053
	22338	4	110.000	-16.750	41.337	-2.469	41.410
	23097	5	110.000	-17.000	39.639	-1.556	39.670
Plate 7-30	23097	1	110.000	-17.000	39.639	-1.556	39.670
(psp 600+pzl 610)	23098	2	110.000	-17.250	37.833	-0.634	37.839
	23099	3	110.000	-17.500	35.898	0.305	35.900
	23100	4	110.000	-17.750	33.851	1.263	33.874
	24335	5	110.000	-18.000	31.699	2.217	31.776
Plate 8-31	24335	1	110.000	-18.000	31.699	2.217	31.776
(psp 600+pzl 610)	24338	2	110.000	-18.250	30.977	2.489	31.077
	24337	3	110.000	-18.500	30.253	2.760	30.379
	24336	4	110.000	-18.750	29.497	3.029	29.653
	24907	5	110.000	-19.000	28.707	3.302	28.897
Plate 8-32	24907	1	110.000	-19.000	28.707	3.302	28.897
(psp 600+pzl 610)	24908	2	110.000	-19.250	27.882	3.579	28.111
	24909	3	110.000	-19.500	27.027	3.856	27.301
	24910	4	110.000	-19.750	26.154	4.128	26.478
	24911	5	110.000	-20.000	25.255	4.402	25.636

### 3.1.1.1.2.7 Calculation results, Plate, sovraccarico [Phase\_7] (25/85), Table of total displacements

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
Plate 1-1	10475	1	110.000	0.500	0.886	-8.442	8.488
(psp 600+pzl 610)	10476	2	110.000	0.375	1.464	-8.442	8.568
	10477	3	110.000	0.250	2.042	-8.442	8.685
	10478	4	110.000	0.125	2.620	-8.442	8.839
	10647	5	110.000	0.000	3.198	-8.442	9.027
Plate 2-2	10647	1	110.000	0.000	3.198	-8.442	9.027
(psp 600+pzl 610)	10648	2	110.000	-0.173	3.999	-8.442	9.341
	10649	3	110.000	-0.346	4.800	-8.442	9.711
	10650	4	110.000	-0.520	5.601	-8.442	10.131
	10671	5	110.000	-0.693	6.402	-8.442	10.595
Plate 2-3	10671	1	110.000	-0.693	6.402	-8.442	10.595
(psp 600+pzl 610)	10672	2	110.000	-0.864	7.195	-8.442	11.092
	10673	3	110.000	-1.036	7.988	-8.442	11.622
	10674	4	110.000	-1.207	8.781	-8.442	12.181
	10963	5	110.000	-1.379	9.574	-8.442	12.764
Plate 2-4	10963	1	110.000	-1.379	9.574	-8.442	12.764
(psp 600+pzl 610)	10964	2	110.000	-1.549	10.360	-8.442	13.364
	10965	3	110.000	-1.719	11.145	-8.442	13.981
	10966	4	110.000	-1.889	11.931	-8.442	14.615
	10977	5	110.000	-2.058	12.716	-8.442	15.263
Plate 2-5	10977	1	110.000	-2.058	12.716	-8.442	15.263
(psp 600+pzl 610)	10978	2	110.000	-2.227	13.494	-8.442	15.917
	10979	3	110.000	-2.395	14.272	-8.442	16.582
	10980	4	110.000	-2.563	15.050	-8.442	17.256
	11973	5	110.000	-2.731	15.828	-8.442	17.938
Plate 2-6	11973	1	110.000	-2.731	15.828	-8.442	17.938
(psp 600+pzl 610)	11974	2	110.000	-2.898	16.598	-8.442	18.621
	11975	3	110.000	-3.065	17.368	-8.442	19.311
	11976	4	110.000	-3.231	18.139	-8.442	20.007
	12761	5	110.000	-3.398	18.909	-8.442	20.708
Plate 2-7	12761	1	110.000	-3.398	18.909	-8.442	20.708
(psp 600+pzl 610)	12762	2	110.000	-3.563	19.672	-8.442	21.407
	12763	3	110.000	-3.728	20.435	-8.442	22.110
	12764	4	110.000	-3.893	21.198	-8.442	22.817
	13039	5	110.000	-4.058	21.961	-8.442	23.528
Plate 2-8	13039	1	110.000	-4.058	21.961	-8.442	23.528
(psp 600+pzl 610)	13040	2	110.000	-4.221	22.717	-8.442	24.234
	13041	3	110.000	-4.385	23.472	-8.442	24.944

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
	13042	4	110.000	-4.548	24.228	-8.442	25.656
	13879	5	110.000	-4.712	24.984	-8.442	26.371
Plate 2-9	13879	1	110.000	-4.712	24.984	-8.442	26.371
(psp 600+pzl 610)	13880	2	110.000	-4.873	25.732	-8.442	27.081
	13881	3	110.000	-5.035	26.480	-8.442	27.793
	13882	4	110.000	-5.197	27.228	-8.442	28.507
	13983	5	110.000	-5.359	27.977	-8.442	29.223
Plate 2-10	13983	1	110.000	-5.359	27.977	-8.442	29.223
(psp 600+pzl 610)	13984	2	110.000	-5.519	28.718	-8.442	29.933
	13985	3	110.000	-5.679	29.459	-8.442	30.645
	13986	4	110.000	-5.840	30.200	-8.442	31.358
	14345	5	110.000	-6.000	30.941	-8.442	32.072
Plate 3-11	14345	1	110.000	-6.000	30.941	-8.442	32.072
(psp 600+pzl 610)	14346	2	110.000	-6.075	31.288	-8.442	32.407
	14347	3	110.000	-6.150	31.635	-8.442	32.742
	14348	4	110.000	-6.225	31.982	-8.442	33.077
	14407	5	110.000	-6.300	32.328	-8.442	33.412
Plate 4-12	14407	1	110.000	-6.300	32.328	-8.442	33.412
(psp 600+pzl 610)	14408	2	110.000	-6.385	32.662	-8.421	33.730
	14409	3	110.000	-6.470	33.056	-8.315	34.085
	14410	4	110.000	-6.555	33.469	-8.216	34.463
	14431	5	110.000	-6.640	33.880	-8.126	34.840
Plate 4-13	14431	1	110.000	-6.640	33.880	-8.126	34.840
(psp 600+pzl 610)	14432	2	110.000	-6.730	34.327	-8.068	35.262
	14433	3	110.000	-6.820	34.770	-8.042	35.688
	14434	4	110.000	-6.910	35.198	-8.020	36.100
	15335	5	110.000	-7.000	35.604	-7.974	36.486
Plate 5-14	15335	1	110.000	-7.000	35.604	-7.974	36.486
(psp 600+pzl 610)	15336	2	110.000	-7.097	36.022	-7.889	36.876
	15337	3	110.000	-7.193	36.433	-7.754	37.249
	15338	4	110.000	-7.290	36.841	-7.577	37.612
	15577	5	110.000	-7.387	37.253	-7.382	37.977
Plate 5-15	15577	1	110.000	-7.387	37.253	-7.382	37.977
(psp 600+pzl 610)	15578	2	110.000	-7.485	37.753	-7.313	38.455
	15579	3	110.000	-7.583	38.262	-7.267	38.946
	15580	4	110.000	-7.682	38.778	-7.239	39.448
	16271	5	110.000	-7.780	39.310	-7.227	39.969
Plate 5-16	16271	1	110.000	-7.780	39.310	-7.227	39.969
(psp 600+pzl 610)	16272	2	110.000	-7.880	39.852	-7.219	40.501
	16273	3	110.000	-7.980	40.393	-7.212	41.032
	16274	4	110.000	-8.080	40.927	-7.205	41.556
	16681	5	110.000	-8.180	41.458	-7.204	42.079



Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
Plate 5-17	16681	1	110.000	-8.180	41.458	-7.204	42.079
(psp 600+pzl 610)	16682	2	110.000	-8.281	41.993	-7.203	42.607
	16683	3	110.000	-8.383	42.528	-7.200	43.134
	16684	4	110.000	-8.485	43.062	-7.197	43.659
	16722	5	110.000	-8.586	43.592	-7.192	44.181
Plate 5-18	16722	1	110.000	-8.586	43.592	-7.192	44.181
(psp 600+pzl 610)	16724	2	110.000	-8.690	44.129	-7.186	44.710
	16725	3	110.000	-8.793	44.662	-7.180	45.235
	16726	4	110.000	-8.897	45.192	-7.173	45.758
	16723	5	110.000	-9.000	45.719	-7.167	46.277
Plate 6-19	16723	1	110.000	-9.000	45.719	-7.167	46.277
(psp 600+pzl 610)	16704	2	110.000	-9.110	46.276	-7.161	46.827
	16705	3	110.000	-9.220	46.830	-7.154	47.373
	16706	4	110.000	-9.330	47.379	-7.146	47.915
	16801	5	110.000	-9.440	47.925	-7.139	48.454
Plate 6-20	16801	1	110.000	-9.440	47.925	-7.139	48.454
(psp 600+pzl 610)	16802	2	110.000	-9.561	48.521	-7.129	49.042
	16803	3	110.000	-9.682	49.111	-7.120	49.624
	16804	4	110.000	-9.803	49.695	-7.110	50.201
	16831	5	110.000	-9.924	50.274	-7.099	50.773
Plate 6-21	16831	1	110.000	-9.924	50.274	-7.099	50.773
(psp 600+pzl 610)	16832	2	110.000	-10.058	50.904	-7.088	51.395
	16833	3	110.000	-10.191	51.526	-7.076	52.010
	16834	4	110.000	-10.324	52.141	-7.065	52.617
	16849	5	110.000	-10.458	52.748	-7.053	53.217
Plate 6-22	16849	1	110.000	-10.458	52.748	-7.053	53.217
(psp 600+pzl 610)	16850	2	110.000	-10.604	53.406	-7.040	53.868
	16851	3	110.000	-10.751	54.055	-7.027	54.510
	16852	4	110.000	-10.898	54.694	-7.014	55.142
	17863	5	110.000	-11.045	55.322	-7.001	55.763
Plate 6-23	17863	1	110.000	-11.045	55.322	-7.001	55.763
(psp 600+pzl 610)	17864	2	110.000	-11.206	56.000	-6.987	56.434
	17865	3	110.000	-11.368	56.664	-6.973	57.091
	17866	4	110.000	-11.530	57.313	-6.959	57.734
	18681	5	110.000	-11.691	57.947	-6.945	58.362
Plate 6-24	18681	1	110.000	-11.691	57.947	-6.945	58.362
(psp 600+pzl 610)	18682	2	110.000	-11.869	58.627	-6.930	59.035
	18683	3	110.000	-12.047	59.285	-6.915	59.687
	18684	4	110.000	-12.225	59.923	-6.901	60.319
	18967	5	110.000	-12.403	60.539	-6.887	60.929
Plate 6-25	18967	1	110.000	-12.403	60.539	-6.887	60.929
(psp 600+pzl 610)	18968	2	110.000	-12.599	61.189	-6.872	61.574

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
	18969	3	110.000	-12.795	61.811	-6.859	62.190
	18970	4	110.000	-12.991	62.401	-6.846	62.776
	20151	5	110.000	-13.187	62.960	-6.834	63.330
Plate 6-26	20151	1	110.000	-13.187	62.960	-6.834	63.330
(psp 600+pzl 610)	20152	2	110.000	-13.403	63.538	-6.822	63.903
	20153	3	110.000	-13.618	64.075	-6.811	64.436
	20154	4	110.000	-13.834	64.569	-6.802	64.927
	21141	5	110.000	-14.050	65.021	-6.794	65.375
Plate 6-27	21141	1	110.000	-14.050	65.021	-6.794	65.375
(psp 600+pzl 610)	21142	2	110.000	-14.287	65.467	-6.788	65.818
	21143	3	110.000	-14.525	65.863	-6.783	66.211
	21144	4	110.000	-14.762	66.209	-6.781	66.555
	21331	5	110.000	-15.000	66.492	-6.781	66.837
Plate 7-28	21331	1	110.000	-15.000	66.492	-6.781	66.837
(psp 600+pzl 610)	21332	2	110.000	-15.250	65.215	-5.924	65.484
	21333	3	110.000	-15.500	63.822	-5.070	64.023
	21334	4	110.000	-15.750	62.305	-4.213	62.447
	22335	5	110.000	-16.000	60.678	-3.342	60.770
Plate 7-29	22335	1	110.000	-16.000	60.678	-3.342	60.770
(psp 600+pzl 610)	22336	2	110.000	-16.250	58.907	-2.462	58.958
	22337	3	110.000	-16.500	57.006	-1.571	57.028
	22338	4	110.000	-16.750	54.977	-0.669	54.981
	23097	5	110.000	-17.000	52.824	0.245	52.824
Plate 7-30	23097	1	110.000	-17.000	52.824	0.245	52.824
(psp 600+pzl 610)	23098	2	110.000	-17.250	50.552	1.165	50.566
	23099	3	110.000	-17.500	48.143	2.105	48.189
	23100	4	110.000	-17.750	45.614	3.062	45.717
	24335	5	110.000	-18.000	42.976	4.016	43.163
Plate 8-31	24335	1	110.000	-18.000	42.976	4.016	43.163
(psp 600+pzl 610)	24338	2	110.000	-18.250	41.764	4.288	41.984
	24337	3	110.000	-18.500	40.547	4.558	40.803
	24336	4	110.000	-18.750	39.298	4.827	39.593
	24907	5	110.000	-19.000	38.012	5.100	38.353
Plate 8-32	24907	1	110.000	-19.000	38.012	5.100	38.353
(psp 600+pzl 610)	24908	2	110.000	-19.250	36.691	5.376	37.083
	24909	3	110.000	-19.500	35.340	5.654	35.790
	24910	4	110.000	-19.750	33.972	5.926	34.485
	24911	5	110.000	-20.000	32.578	6.200	33.163

### 3.1.1.1.2.8 Calculation results, Plate, SLU A1 M1 R1 [Phase\_8] (26/90), Table of total displacements

Structural element	Node [ $10^3$ ]	Local number	X [m]	Y [m]	$u_x$ [ $10^{-3}$ m]	$u_y$ [ $10^{-3}$ m]	$ u $ [ $10^{-3}$ m]
Plate 1-1	10475	1	110.000	0.500	5.592	-7.508	9.361
(psp 600+pzl 610)	10476	2	110.000	0.375	6.166	-7.508	9.715
	10477	3	110.000	0.250	6.740	-7.508	10.089
	10478	4	110.000	0.125	7.314	-7.508	10.481
	10647	5	110.000	0.000	7.888	-7.508	10.889
Plate 2-2	10647	1	110.000	0.000	7.888	-7.508	10.889
(psp 600+pzl 610)	10648	2	110.000	-0.173	8.683	-7.508	11.479
	10649	3	110.000	-0.346	9.478	-7.508	12.091
	10650	4	110.000	-0.520	10.273	-7.508	12.724
	10671	5	110.000	-0.693	11.069	-7.508	13.375
Plate 2-3	10671	1	110.000	-0.693	11.069	-7.508	13.375
(psp 600+pzl 610)	10672	2	110.000	-0.864	11.856	-7.508	14.033
	10673	3	110.000	-1.036	12.644	-7.508	14.705
	10674	4	110.000	-1.207	13.431	-7.508	15.387
	10963	5	110.000	-1.379	14.219	-7.508	16.079
Plate 2-4	10963	1	110.000	-1.379	14.219	-7.508	16.079
(psp 600+pzl 610)	10964	2	110.000	-1.549	14.999	-7.508	16.773
	10965	3	110.000	-1.719	15.779	-7.508	17.474
	10966	4	110.000	-1.889	16.559	-7.508	18.181
	10977	5	110.000	-2.058	17.339	-7.508	18.894
Plate 2-5	10977	1	110.000	-2.058	17.339	-7.508	18.894
(psp 600+pzl 610)	10978	2	110.000	-2.227	18.111	-7.508	19.606
	10979	3	110.000	-2.395	18.884	-7.508	20.321
	10980	4	110.000	-2.563	19.656	-7.508	21.041
	11973	5	110.000	-2.731	20.429	-7.508	21.764
Plate 2-6	11973	1	110.000	-2.731	20.429	-7.508	21.764
(psp 600+pzl 610)	11974	2	110.000	-2.898	21.194	-7.508	22.484
	11975	3	110.000	-3.065	21.959	-7.508	23.207
	11976	4	110.000	-3.231	22.724	-7.508	23.932
	12761	5	110.000	-3.398	23.489	-7.508	24.659
Plate 2-7	12761	1	110.000	-3.398	23.489	-7.508	24.659
(psp 600+pzl 610)	12762	2	110.000	-3.563	24.246	-7.508	25.382
	12763	3	110.000	-3.728	25.004	-7.508	26.107
	12764	4	110.000	-3.893	25.762	-7.508	26.833
	13039	5	110.000	-4.058	26.519	-7.508	27.561
Plate 2-8	13039	1	110.000	-4.058	26.519	-7.508	27.561
(psp 600+pzl 610)	13040	2	110.000	-4.221	27.270	-7.508	28.284
	13041	3	110.000	-4.385	28.020	-7.508	29.008

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
	13042	4	110.000	-4.548	28.770	-7.508	29.734
	13879	5	110.000	-4.712	29.521	-7.508	30.460
Plate 2-9	13879	1	110.000	-4.712	29.521	-7.508	30.460
(psp 600+pzl 610)	13880	2	110.000	-4.873	30.264	-7.508	31.181
	13881	3	110.000	-5.035	31.007	-7.508	31.903
	13882	4	110.000	-5.197	31.750	-7.508	32.625
	13983	5	110.000	-5.359	32.493	-7.508	33.349
Plate 2-10	13983	1	110.000	-5.359	32.493	-7.508	33.349
(psp 600+pzl 610)	13984	2	110.000	-5.519	33.229	-7.508	34.066
	13985	3	110.000	-5.679	33.965	-7.508	34.785
	13986	4	110.000	-5.840	34.701	-7.508	35.504
	14345	5	110.000	-6.000	35.437	-7.508	36.223
Plate 3-11	14345	1	110.000	-6.000	35.437	-7.508	36.223
(psp 600+pzl 610)	14346	2	110.000	-6.075	35.781	-7.508	36.560
	14347	3	110.000	-6.150	36.125	-7.508	36.897
	14348	4	110.000	-6.225	36.470	-7.508	37.235
	14407	5	110.000	-6.300	36.814	-7.508	37.572
Plate 4-12	14407	1	110.000	-6.300	36.814	-7.508	37.572
(psp 600+pzl 610)	14408	2	110.000	-6.385	37.145	-7.487	37.892
	14409	3	110.000	-6.470	37.536	-7.381	38.255
	14410	4	110.000	-6.555	37.947	-7.282	38.639
	14431	5	110.000	-6.640	38.354	-7.192	39.023
Plate 4-13	14431	1	110.000	-6.640	38.354	-7.192	39.023
(psp 600+pzl 610)	14432	2	110.000	-6.730	38.799	-7.134	39.449
	14433	3	110.000	-6.820	39.239	-7.108	39.878
	14434	4	110.000	-6.910	39.664	-7.086	40.292
	15335	5	110.000	-7.000	40.067	-7.040	40.681
Plate 5-14	15335	1	110.000	-7.000	40.067	-7.040	40.681
(psp 600+pzl 610)	15336	2	110.000	-7.097	40.482	-6.955	41.075
	15337	3	110.000	-7.193	40.891	-6.820	41.455
	15338	4	110.000	-7.290	41.295	-6.643	41.826
	15577	5	110.000	-7.387	41.704	-6.448	42.200
Plate 5-15	15577	1	110.000	-7.387	41.704	-6.448	42.200
(psp 600+pzl 610)	15578	2	110.000	-7.485	42.201	-6.379	42.681
	15579	3	110.000	-7.583	42.707	-6.332	43.173
	15580	4	110.000	-7.682	43.220	-6.305	43.677
	16271	5	110.000	-7.780	43.748	-6.293	44.198
Plate 5-16	16271	1	110.000	-7.780	43.748	-6.293	44.198
(psp 600+pzl 610)	16272	2	110.000	-7.880	44.287	-6.285	44.731
	16273	3	110.000	-7.980	44.824	-6.278	45.262
	16274	4	110.000	-8.080	45.355	-6.271	45.786
	16681	5	110.000	-8.180	45.882	-6.270	46.309

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
Plate 5-17	16681	1	110.000	-8.180	45.882	-6.270	46.309
(psp 600+pzl 610)	16682	2	110.000	-8.281	46.414	-6.269	46.836
	16683	3	110.000	-8.383	46.946	-6.266	47.362
	16684	4	110.000	-8.485	47.475	-6.262	47.887
	16722	5	110.000	-8.586	48.002	-6.258	48.408
Plate 5-18	16722	1	110.000	-8.586	48.002	-6.258	48.408
(psp 600+pzl 610)	16724	2	110.000	-8.690	48.535	-6.252	48.936
	16725	3	110.000	-8.793	49.064	-6.246	49.460
	16726	4	110.000	-8.897	49.591	-6.239	49.981
	16723	5	110.000	-9.000	50.113	-6.233	50.500
Plate 6-19	16723	1	110.000	-9.000	50.113	-6.233	50.500
(psp 600+pzl 610)	16704	2	110.000	-9.110	50.666	-6.227	51.048
	16705	3	110.000	-9.220	51.216	-6.220	51.592
	16706	4	110.000	-9.330	51.761	-6.212	52.132
	16801	5	110.000	-9.440	52.302	-6.204	52.669
Plate 6-20	16801	1	110.000	-9.440	52.302	-6.204	52.669
(psp 600+pzl 610)	16802	2	110.000	-9.561	52.893	-6.195	53.254
	16803	3	110.000	-9.682	53.477	-6.185	53.834
	16804	4	110.000	-9.803	54.056	-6.175	54.408
	16831	5	110.000	-9.924	54.629	-6.165	54.975
Plate 6-21	16831	1	110.000	-9.924	54.629	-6.165	54.975
(psp 600+pzl 610)	16832	2	110.000	-10.058	55.252	-6.154	55.594
	16833	3	110.000	-10.191	55.867	-6.142	56.204
	16834	4	110.000	-10.324	56.475	-6.131	56.807
	16849	5	110.000	-10.458	57.074	-6.119	57.401
Plate 6-22	16849	1	110.000	-10.458	57.074	-6.119	57.401
(psp 600+pzl 610)	16850	2	110.000	-10.604	57.725	-6.106	58.047
	16851	3	110.000	-10.751	58.364	-6.093	58.682
	16852	4	110.000	-10.898	58.993	-6.081	59.306
	17863	5	110.000	-11.045	59.611	-6.068	59.919
Plate 6-23	17863	1	110.000	-11.045	59.611	-6.068	59.919
(psp 600+pzl 610)	17864	2	110.000	-11.206	60.277	-6.054	60.580
	17865	3	110.000	-11.368	60.928	-6.040	61.227
	17866	4	110.000	-11.530	61.564	-6.026	61.858
	18681	5	110.000	-11.691	62.184	-6.012	62.473
Plate 6-24	18681	1	110.000	-11.691	62.184	-6.012	62.473
(psp 600+pzl 610)	18682	2	110.000	-11.869	62.846	-5.997	63.131
	18683	3	110.000	-12.047	63.486	-5.982	63.767
	18684	4	110.000	-12.225	64.104	-5.968	64.381
	18967	5	110.000	-12.403	64.698	-5.954	64.971
Plate 6-25	18967	1	110.000	-12.403	64.698	-5.954	64.971
(psp 600+pzl 610)	18968	2	110.000	-12.599	65.323	-5.940	65.593

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
	18969	3	110.000	-12.795	65.917	-5.926	66.183
	18970	4	110.000	-12.991	66.478	-5.914	66.740
	20151	5	110.000	-13.187	67.005	-5.902	67.264
Plate 6-26	20151	1	110.000	-13.187	67.005	-5.902	67.264
(psp 600+pzl 610)	20152	2	110.000	-13.403	67.544	-5.890	67.800
	20153	3	110.000	-13.618	68.039	-5.879	68.293
	20154	4	110.000	-13.834	68.488	-5.871	68.739
	21141	5	110.000	-14.050	68.891	-5.863	69.140
Plate 6-27	21141	1	110.000	-14.050	68.891	-5.863	69.140
(psp 600+pzl 610)	21142	2	110.000	-14.287	69.279	-5.857	69.526
	21143	3	110.000	-14.525	69.612	-5.853	69.858
	21144	4	110.000	-14.762	69.890	-5.851	70.135
	21331	5	110.000	-15.000	70.101	-5.851	70.345
Plate 7-28	21331	1	110.000	-15.000	70.101	-5.851	70.345
(psp 600+pzl 610)	21332	2	110.000	-15.250	68.743	-4.994	68.924
	21333	3	110.000	-15.500	67.265	-4.140	67.392
	21334	4	110.000	-15.750	65.658	-3.283	65.740
	22335	5	110.000	-16.000	63.938	-2.412	63.983
Plate 7-29	22335	1	110.000	-16.000	63.938	-2.412	63.983
(psp 600+pzl 610)	22336	2	110.000	-16.250	62.071	-1.533	62.090
	22337	3	110.000	-16.500	60.070	-0.642	60.074
	22338	4	110.000	-16.750	57.940	0.260	57.940
	23097	5	110.000	-17.000	55.682	1.173	55.694
Plate 7-30	23097	1	110.000	-17.000	55.682	1.173	55.694
(psp 600+pzl 610)	23098	2	110.000	-17.250	53.303	2.094	53.345
	23099	3	110.000	-17.500	50.786	3.033	50.877
	23100	4	110.000	-17.750	48.148	3.991	48.313
	24335	5	110.000	-18.000	45.399	4.944	45.667
Plate 8-31	24335	1	110.000	-18.000	45.399	4.944	45.667
(psp 600+pzl 610)	24338	2	110.000	-18.250	44.076	5.216	44.383
	24337	3	110.000	-18.500	42.747	5.486	43.097
	24336	4	110.000	-18.750	41.384	5.755	41.783
	24907	5	110.000	-19.000	39.987	6.027	40.438
Plate 8-32	24907	1	110.000	-19.000	39.987	6.027	40.438
(psp 600+pzl 610)	24908	2	110.000	-19.250	38.553	6.304	39.065
	24909	3	110.000	-19.500	37.089	6.581	37.669
	24910	4	110.000	-19.750	35.608	6.854	36.262
	24911	5	110.000	-20.000	34.102	7.127	34.839

### 3.1.1.1.2.9 Calculation results, Plate, FS SLU A1 M1 R1 [Phase\_12] (30/190), Table of total displacements

Structural element	Node [ $10^3$ ]	Local number	X [m]	Y [m]	$u_x$ [ $10^{-3}$ m]	$u_y$ [ $10^{-3}$ m]	$ u $ [ $10^{-3}$ m]
Plate 1-1	10475	1	110.000	0.500	507.865	-19.850	508.253
(psp 600+pzl 610)	10476	2	110.000	0.375	505.273	-19.850	505.663
	10477	3	110.000	0.250	502.681	-19.850	503.073
	10478	4	110.000	0.125	500.089	-19.850	500.483
	10647	5	110.000	0.000	497.497	-19.850	497.893
Plate 2-2	10647	1	110.000	0.000	497.497	-19.850	497.893
(psp 600+pzl 610)	10648	2	110.000	-0.173	493.906	-19.850	494.305
	10649	3	110.000	-0.346	490.314	-19.850	490.716
	10650	4	110.000	-0.520	486.723	-19.850	487.127
	10671	5	110.000	-0.693	483.131	-19.850	483.539
Plate 2-3	10671	1	110.000	-0.693	483.131	-19.850	483.539
(psp 600+pzl 610)	10672	2	110.000	-0.864	479.574	-19.850	479.985
	10673	3	110.000	-1.036	476.018	-19.850	476.431
	10674	4	110.000	-1.207	472.461	-19.850	472.878
	10963	5	110.000	-1.379	468.904	-19.850	469.324
Plate 2-4	10963	1	110.000	-1.379	468.904	-19.850	469.324
(psp 600+pzl 610)	10964	2	110.000	-1.549	465.381	-19.850	465.804
	10965	3	110.000	-1.719	461.859	-19.850	462.285
	10966	4	110.000	-1.889	458.336	-19.850	458.766
	10977	5	110.000	-2.058	454.814	-19.850	455.246
Plate 2-5	10977	1	110.000	-2.058	454.814	-19.850	455.246
(psp 600+pzl 610)	10978	2	110.000	-2.227	451.325	-19.850	451.761
	10979	3	110.000	-2.395	447.836	-19.850	448.276
	10980	4	110.000	-2.563	444.348	-19.850	444.791
	11973	5	110.000	-2.731	440.859	-19.850	441.306
Plate 2-6	11973	1	110.000	-2.731	440.859	-19.850	441.306
(psp 600+pzl 610)	11974	2	110.000	-2.898	437.404	-19.850	437.854
	11975	3	110.000	-3.065	433.949	-19.850	434.403
	11976	4	110.000	-3.231	430.494	-19.850	430.952
	12761	5	110.000	-3.398	427.039	-19.850	427.500
Plate 2-7	12761	1	110.000	-3.398	427.039	-19.850	427.500
(psp 600+pzl 610)	12762	2	110.000	-3.563	423.617	-19.850	424.082
	12763	3	110.000	-3.728	420.196	-19.850	420.664
	12764	4	110.000	-3.893	416.774	-19.850	417.247
	13039	5	110.000	-4.058	413.353	-19.850	413.829
Plate 2-8	13039	1	110.000	-4.058	413.353	-19.850	413.829
(psp 600+pzl 610)	13040	2	110.000	-4.221	409.964	-19.850	410.444
	13041	3	110.000	-4.385	406.575	-19.850	407.059

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
	13042	4	110.000	-4.548	403.186	-19.850	403.675
	13879	5	110.000	-4.712	399.798	-19.850	400.290
Plate 2-9	13879	1	110.000	-4.712	399.798	-19.850	400.290
(psp 600+pzl 610)	13880	2	110.000	-4.873	396.442	-19.850	396.938
	13881	3	110.000	-5.035	393.086	-19.850	393.587
	13882	4	110.000	-5.197	389.730	-19.850	390.235
	13983	5	110.000	-5.359	386.374	-19.850	386.883
Plate 2-10	13983	1	110.000	-5.359	386.374	-19.850	386.883
(psp 600+pzl 610)	13984	2	110.000	-5.519	383.050	-19.850	383.564
	13985	3	110.000	-5.679	379.727	-19.850	380.245
	13986	4	110.000	-5.840	376.403	-19.850	376.926
	14345	5	110.000	-6.000	373.079	-19.850	373.607
Plate 3-11	14345	1	110.000	-6.000	373.079	-19.850	373.607
(psp 600+pzl 610)	14346	2	110.000	-6.075	371.524	-19.850	372.054
	14347	3	110.000	-6.150	369.969	-19.850	370.501
	14348	4	110.000	-6.225	368.414	-19.850	368.948
	14407	5	110.000	-6.300	366.858	-19.850	367.395
Plate 4-12	14407	1	110.000	-6.300	366.858	-19.850	367.395
(psp 600+pzl 610)	14408	2	110.000	-6.385	365.033	-19.829	365.572
	14409	3	110.000	-6.470	363.268	-19.724	363.803
	14410	4	110.000	-6.555	361.523	-19.624	362.055
	14431	5	110.000	-6.640	359.775	-19.534	360.305
Plate 4-13	14431	1	110.000	-6.640	359.775	-19.534	360.305
(psp 600+pzl 610)	14432	2	110.000	-6.730	357.943	-19.477	358.473
	14433	3	110.000	-6.820	356.107	-19.450	356.638
	14434	4	110.000	-6.910	354.255	-19.429	354.787
	15335	5	110.000	-7.000	352.382	-19.383	352.915
Plate 5-14	15335	1	110.000	-7.000	352.382	-19.383	352.915
(psp 600+pzl 610)	15336	2	110.000	-7.097	350.348	-19.298	350.879
	15337	3	110.000	-7.193	348.308	-19.163	348.835
	15338	4	110.000	-7.290	346.264	-18.986	346.784
	15577	5	110.000	-7.387	344.224	-18.791	344.737
Plate 5-15	15577	1	110.000	-7.387	344.224	-18.791	344.737
(psp 600+pzl 610)	15578	2	110.000	-7.485	342.231	-18.722	342.743
	15579	3	110.000	-7.583	340.247	-18.675	340.759
	15580	4	110.000	-7.682	338.269	-18.647	338.783
	16271	5	110.000	-7.780	336.307	-18.635	336.823
Plate 5-16	16271	1	110.000	-7.780	336.307	-18.635	336.823
(psp 600+pzl 610)	16272	2	110.000	-7.880	334.313	-18.626	334.832
	16273	3	110.000	-7.980	332.318	-18.619	332.839
	16274	4	110.000	-8.080	330.315	-18.612	330.839
	16681	5	110.000	-8.180	328.310	-18.611	328.837



Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
Plate 5-17	16681	1	110.000	-8.180	328.310	-18.611	328.837
(psp 600+pzl 610)	16682	2	110.000	-8.281	326.266	-18.609	326.797
	16683	3	110.000	-8.383	324.222	-18.606	324.756
	16684	4	110.000	-8.485	322.177	-18.602	322.713
	16722	5	110.000	-8.586	320.129	-18.596	320.669
Plate 5-18	16722	1	110.000	-8.586	320.129	-18.596	320.669
(psp 600+pzl 610)	16724	2	110.000	-8.690	318.044	-18.590	318.587
	16725	3	110.000	-8.793	315.956	-18.584	316.502
	16726	4	110.000	-8.897	313.865	-18.576	314.415
	16723	5	110.000	-9.000	311.773	-18.569	312.325
Plate 6-19	16723	1	110.000	-9.000	311.773	-18.569	312.325
(psp 600+pzl 610)	16704	2	110.000	-9.110	309.544	-18.562	310.100
	16705	3	110.000	-9.220	307.312	-18.555	307.872
	16706	4	110.000	-9.330	305.078	-18.547	305.641
	16801	5	110.000	-9.440	302.841	-18.538	303.408
Plate 6-20	16801	1	110.000	-9.440	302.841	-18.538	303.408
(psp 600+pzl 610)	16802	2	110.000	-9.561	300.375	-18.528	300.946
	16803	3	110.000	-9.682	297.905	-18.517	298.480
	16804	4	110.000	-9.803	295.431	-18.506	296.010
	16831	5	110.000	-9.924	292.954	-18.495	293.537
Plate 6-21	16831	1	110.000	-9.924	292.954	-18.495	293.537
(psp 600+pzl 610)	16832	2	110.000	-10.058	290.222	-18.483	290.810
	16833	3	110.000	-10.191	287.486	-18.470	288.079
	16834	4	110.000	-10.324	284.746	-18.457	285.344
	16849	5	110.000	-10.458	282.003	-18.445	282.605
Plate 6-22	16849	1	110.000	-10.458	282.003	-18.445	282.605
(psp 600+pzl 610)	16850	2	110.000	-10.604	278.978	-18.430	279.586
	16851	3	110.000	-10.751	275.949	-18.416	276.563
	16852	4	110.000	-10.898	272.917	-18.402	273.537
	17863	5	110.000	-11.045	269.881	-18.387	270.507
Plate 6-23	17863	1	110.000	-11.045	269.881	-18.387	270.507
(psp 600+pzl 610)	17864	2	110.000	-11.206	266.535	-18.372	267.167
	17865	3	110.000	-11.368	263.185	-18.356	263.824
	17866	4	110.000	-11.530	259.831	-18.340	260.478
	18681	5	110.000	-11.691	256.475	-18.325	257.128
Plate 6-24	18681	1	110.000	-11.691	256.475	-18.325	257.128
(psp 600+pzl 610)	18682	2	110.000	-11.869	252.776	-18.308	253.438
	18683	3	110.000	-12.047	249.074	-18.291	249.744
	18684	4	110.000	-12.225	245.369	-18.275	246.048
	18967	5	110.000	-12.403	241.662	-18.259	242.351
Plate 6-25	18967	1	110.000	-12.403	241.662	-18.259	242.351
(psp 600+pzl 610)	18968	2	110.000	-12.599	237.578	-18.242	238.277

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
	18969	3	110.000	-12.795	233.491	-18.226	234.202
	18970	4	110.000	-12.991	229.404	-18.211	230.126
	20151	5	110.000	-13.187	225.316	-18.197	226.050
Plate 6-26	20151	1	110.000	-13.187	225.316	-18.197	226.050
(psp 600+pzl 610)	20152	2	110.000	-13.403	220.816	-18.183	221.564
	20153	3	110.000	-13.618	216.318	-18.170	217.080
	20154	4	110.000	-13.834	211.821	-18.159	212.598
	21141	5	110.000	-14.050	207.328	-18.149	208.121
Plate 6-27	21141	1	110.000	-14.050	207.328	-18.149	208.121
(psp 600+pzl 610)	21142	2	110.000	-14.287	202.385	-18.141	203.196
	21143	3	110.000	-14.525	197.453	-18.135	198.284
	21144	4	110.000	-14.762	192.532	-18.131	193.384
	21331	5	110.000	-15.000	187.612	-18.129	188.486
Plate 7-28	21331	1	110.000	-15.000	187.612	-18.129	188.486
(psp 600+pzl 610)	21332	2	110.000	-15.250	180.922	-17.271	181.744
	21333	3	110.000	-15.500	174.174	-16.416	174.946
	21334	4	110.000	-15.750	167.358	-15.557	168.080
	22335	5	110.000	-16.000	160.486	-14.685	161.156
Plate 7-29	22335	1	110.000	-16.000	160.486	-14.685	161.156
(psp 600+pzl 610)	22336	2	110.000	-16.250	153.520	-13.803	154.139
	22337	3	110.000	-16.500	146.471	-12.911	147.038
	22338	4	110.000	-16.750	139.337	-12.007	139.853
	23097	5	110.000	-17.000	132.118	-11.092	132.582
Plate 7-30	23097	1	110.000	-17.000	132.118	-11.092	132.582
(psp 600+pzl 610)	23098	2	110.000	-17.250	124.817	-10.170	125.230
	23099	3	110.000	-17.500	117.411	-9.229	117.773
	23100	4	110.000	-17.750	109.914	-8.270	110.225
	24335	5	110.000	-18.000	102.333	-7.315	102.594
Plate 8-31	24335	1	110.000	-18.000	102.333	-7.315	102.594
(psp 600+pzl 610)	24338	2	110.000	-18.250	96.202	-7.042	96.459
	24337	3	110.000	-18.500	90.083	-6.771	90.337
	24336	4	110.000	-18.750	83.946	-6.500	84.197
	24907	5	110.000	-19.000	77.784	-6.228	78.033
Plate 8-32	24907	1	110.000	-19.000	77.784	-6.228	78.033
(psp 600+pzl 610)	24908	2	110.000	-19.250	71.592	-5.950	71.839
	24909	3	110.000	-19.500	65.373	-5.672	65.619
	24910	4	110.000	-19.750	59.137	-5.400	59.383
	24911	5	110.000	-20.000	52.873	-5.126	53.121

### 3.1.1.1.2.10 Calculation results, Plate, FS SLU A2 M2 R2 [Phase\_10] (28/290), Table of total displacements

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
Plate 1-1	10475	1	110.000	0.500	260.234	-18.862	260.917
(psp 600+pzl 610)	10476	2	110.000	0.375	259.306	-18.862	259.991
	10477	3	110.000	0.250	258.378	-18.862	259.066
	10478	4	110.000	0.125	257.451	-18.862	258.141
	10647	5	110.000	0.000	256.523	-18.862	257.215
Plate 2-2	10647	1	110.000	0.000	256.523	-18.862	257.215
(psp 600+pzl 610)	10648	2	110.000	-0.173	255.237	-18.862	255.933
	10649	3	110.000	-0.346	253.952	-18.862	254.651
	10650	4	110.000	-0.520	252.666	-18.862	253.369
	10671	5	110.000	-0.693	251.381	-18.862	252.087
Plate 2-3	10671	1	110.000	-0.693	251.381	-18.862	252.087
(psp 600+pzl 610)	10672	2	110.000	-0.864	250.108	-18.862	250.818
	10673	3	110.000	-1.036	248.835	-18.862	249.548
	10674	4	110.000	-1.207	247.561	-18.862	248.279
	10963	5	110.000	-1.379	246.288	-18.862	247.010
Plate 2-4	10963	1	110.000	-1.379	246.288	-18.862	247.010
(psp 600+pzl 610)	10964	2	110.000	-1.549	245.028	-18.862	245.752
	10965	3	110.000	-1.719	243.767	-18.862	244.495
	10966	4	110.000	-1.889	242.506	-18.862	243.238
	10977	5	110.000	-2.058	241.245	-18.862	241.981
Plate 2-5	10977	1	110.000	-2.058	241.245	-18.862	241.981
(psp 600+pzl 610)	10978	2	110.000	-2.227	239.996	-18.862	240.736
	10979	3	110.000	-2.395	238.748	-18.862	239.492
	10980	4	110.000	-2.563	237.499	-18.862	238.247
	11973	5	110.000	-2.731	236.250	-18.862	237.002
Plate 2-6	11973	1	110.000	-2.731	236.250	-18.862	237.002
(psp 600+pzl 610)	11974	2	110.000	-2.898	235.014	-18.862	235.769
	11975	3	110.000	-3.065	233.777	-18.862	234.537
	11976	4	110.000	-3.231	232.540	-18.862	233.304
	12761	5	110.000	-3.398	231.304	-18.862	232.072
Plate 2-7	12761	1	110.000	-3.398	231.304	-18.862	232.072
(psp 600+pzl 610)	12762	2	110.000	-3.563	230.079	-18.862	230.851
	12763	3	110.000	-3.728	228.854	-18.862	229.630
	12764	4	110.000	-3.893	227.630	-18.862	228.410
	13039	5	110.000	-4.058	226.405	-18.862	227.189
Plate 2-8	13039	1	110.000	-4.058	226.405	-18.862	227.189
(psp 600+pzl 610)	13040	2	110.000	-4.221	225.192	-18.862	225.980
	13041	3	110.000	-4.385	223.979	-18.862	224.772

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
	13042	4	110.000	-4.548	222.766	-18.862	223.563
	13879	5	110.000	-4.712	221.553	-18.862	222.355
Plate 2-9	13879	1	110.000	-4.712	221.553	-18.862	222.355
(psp 600+pzl 610)	13880	2	110.000	-4.873	220.352	-18.862	221.158
	13881	3	110.000	-5.035	219.151	-18.862	219.961
	13882	4	110.000	-5.197	217.950	-18.862	218.764
	13983	5	110.000	-5.359	216.748	-18.862	217.567
Plate 2-10	13983	1	110.000	-5.359	216.748	-18.862	217.567
(psp 600+pzl 610)	13984	2	110.000	-5.519	215.559	-18.862	216.382
	13985	3	110.000	-5.679	214.369	-18.862	215.197
	13986	4	110.000	-5.840	213.179	-18.862	214.012
	14345	5	110.000	-6.000	211.990	-18.862	212.827
Plate 3-11	14345	1	110.000	-6.000	211.990	-18.862	212.827
(psp 600+pzl 610)	14346	2	110.000	-6.075	211.433	-18.862	212.273
	14347	3	110.000	-6.150	210.876	-18.862	211.718
	14348	4	110.000	-6.225	210.320	-18.862	211.164
	14407	5	110.000	-6.300	209.763	-18.862	210.609
Plate 4-12	14407	1	110.000	-6.300	209.763	-18.862	210.609
(psp 600+pzl 610)	14408	2	110.000	-6.385	209.072	-18.841	209.919
	14409	3	110.000	-6.470	208.440	-18.736	209.280
	14410	4	110.000	-6.555	207.828	-18.636	208.662
	14431	5	110.000	-6.640	207.213	-18.546	208.041
Plate 4-13	14431	1	110.000	-6.640	207.213	-18.546	208.041
(psp 600+pzl 610)	14432	2	110.000	-6.730	206.578	-18.488	207.403
	14433	3	110.000	-6.820	205.938	-18.462	206.764
	14434	4	110.000	-6.910	205.283	-18.440	206.109
	15335	5	110.000	-7.000	204.607	-18.395	205.432
Plate 5-14	15335	1	110.000	-7.000	204.607	-18.395	205.432
(psp 600+pzl 610)	15336	2	110.000	-7.097	203.860	-18.310	204.681
	15337	3	110.000	-7.193	203.108	-18.174	203.919
	15338	4	110.000	-7.290	202.351	-17.997	203.149
	15577	5	110.000	-7.387	201.598	-17.802	202.383
Plate 5-15	15577	1	110.000	-7.387	201.598	-17.802	202.383
(psp 600+pzl 610)	15578	2	110.000	-7.485	200.914	-17.733	201.695
	15579	3	110.000	-7.583	200.238	-17.686	201.018
	15580	4	110.000	-7.682	199.570	-17.659	200.350
	16271	5	110.000	-7.780	198.917	-17.646	199.698
Plate 5-16	16271	1	110.000	-7.780	198.917	-17.646	199.698
(psp 600+pzl 610)	16272	2	110.000	-7.880	198.254	-17.638	199.037
	16273	3	110.000	-7.980	197.590	-17.631	198.375
	16274	4	110.000	-8.080	196.919	-17.624	197.706
	16681	5	110.000	-8.180	196.244	-17.623	197.034

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
Plate 5-17	16681	1	110.000	-8.180	196.244	-17.623	197.034
(psp 600+pzl 610)	16682	2	110.000	-8.281	195.554	-17.621	196.347
	16683	3	110.000	-8.383	194.864	-17.618	195.659
	16684	4	110.000	-8.485	194.172	-17.614	194.969
	16722	5	110.000	-8.586	193.477	-17.609	194.276
Plate 5-18	16722	1	110.000	-8.586	193.477	-17.609	194.276
(psp 600+pzl 610)	16724	2	110.000	-8.690	192.767	-17.603	193.569
	16725	3	110.000	-8.793	192.055	-17.596	192.859
	16726	4	110.000	-8.897	191.340	-17.589	192.146
	16723	5	110.000	-9.000	190.621	-17.582	191.430
Plate 6-19	16723	1	110.000	-9.000	190.621	-17.582	191.430
(psp 600+pzl 610)	16704	2	110.000	-9.110	189.854	-17.575	190.666
	16705	3	110.000	-9.220	189.084	-17.568	189.898
	16706	4	110.000	-9.330	188.310	-17.560	189.127
	16801	5	110.000	-9.440	187.534	-17.552	188.353
Plate 6-20	16801	1	110.000	-9.440	187.534	-17.552	188.353
(psp 600+pzl 610)	16802	2	110.000	-9.561	186.674	-17.542	187.496
	16803	3	110.000	-9.682	185.809	-17.531	186.634
	16804	4	110.000	-9.803	184.940	-17.521	185.768
	16831	5	110.000	-9.924	184.066	-17.510	184.897
Plate 6-21	16831	1	110.000	-9.924	184.066	-17.510	184.897
(psp 600+pzl 610)	16832	2	110.000	-10.058	183.098	-17.497	183.932
	16833	3	110.000	-10.191	182.123	-17.485	182.961
	16834	4	110.000	-10.324	181.143	-17.473	181.984
	16849	5	110.000	-10.458	180.157	-17.460	181.001
Plate 6-22	16849	1	110.000	-10.458	180.157	-17.460	181.001
(psp 600+pzl 610)	16850	2	110.000	-10.604	179.064	-17.446	179.912
	16851	3	110.000	-10.751	177.963	-17.432	178.815
	16852	4	110.000	-10.898	176.856	-17.418	177.711
	17863	5	110.000	-11.045	175.741	-17.404	176.600
Plate 6-23	17863	1	110.000	-11.045	175.741	-17.404	176.600
(psp 600+pzl 610)	17864	2	110.000	-11.206	174.504	-17.389	175.368
	17865	3	110.000	-11.368	173.258	-17.374	174.127
	17866	4	110.000	-11.530	172.002	-17.358	172.876
	18681	5	110.000	-11.691	170.736	-17.343	171.615
Plate 6-24	18681	1	110.000	-11.691	170.736	-17.343	171.615
(psp 600+pzl 610)	18682	2	110.000	-11.869	169.331	-17.327	170.216
	18683	3	110.000	-12.047	167.915	-17.310	168.804
	18684	4	110.000	-12.225	166.485	-17.295	167.381
	18967	5	110.000	-12.403	165.044	-17.280	165.946
Plate 6-25	18967	1	110.000	-12.403	165.044	-17.280	165.946
(psp 600+pzl 610)	18968	2	110.000	-12.599	163.441	-17.263	164.350

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
	18969	3	110.000	-12.795	161.823	-17.248	162.739
	18970	4	110.000	-12.991	160.188	-17.234	161.112
	20151	5	110.000	-13.187	158.536	-17.220	159.469
Plate 6-26	20151	1	110.000	-13.187	158.536	-17.220	159.469
(psp 600+pzl 610)	20152	2	110.000	-13.403	156.698	-17.207	157.640
	20153	3	110.000	-13.618	154.838	-17.195	155.790
	20154	4	110.000	-13.834	152.957	-17.184	153.920
	21141	5	110.000	-14.050	151.056	-17.175	152.029
Plate 6-27	21141	1	110.000	-14.050	151.056	-17.175	152.029
(psp 600+pzl 610)	21142	2	110.000	-14.287	148.936	-17.168	149.922
	21143	3	110.000	-14.525	146.794	-17.162	147.794
	21144	4	110.000	-14.762	144.625	-17.159	145.639
	21331	5	110.000	-15.000	142.412	-17.157	143.442
Plate 7-28	21331	1	110.000	-15.000	142.412	-17.157	143.442
(psp 600+pzl 610)	21332	2	110.000	-15.250	138.528	-16.298	139.483
	21333	3	110.000	-15.500	134.546	-15.442	135.429
	21334	4	110.000	-15.750	130.459	-14.583	131.271
	22335	5	110.000	-16.000	126.279	-13.711	127.021
Plate 7-29	22335	1	110.000	-16.000	126.279	-13.711	127.021
(psp 600+pzl 610)	22336	2	110.000	-16.250	121.971	-12.829	122.644
	22337	3	110.000	-16.500	117.549	-11.936	118.154
	22338	4	110.000	-16.750	113.014	-11.032	113.551
	23097	5	110.000	-17.000	108.367	-10.117	108.838
Plate 7-30	23097	1	110.000	-17.000	108.367	-10.117	108.838
(psp 600+pzl 610)	23098	2	110.000	-17.250	103.614	-9.195	104.021
	23099	3	110.000	-17.500	98.735	-8.253	99.079
	23100	4	110.000	-17.750	93.747	-7.294	94.030
	24335	5	110.000	-18.000	88.658	-6.339	88.885
Plate 8-31	24335	1	110.000	-18.000	88.658	-6.339	88.885
(psp 600+pzl 610)	24338	2	110.000	-18.250	85.006	-6.066	85.222
	24337	3	110.000	-18.500	81.356	-5.795	81.562
	24336	4	110.000	-18.750	77.679	-5.524	77.875
	24907	5	110.000	-19.000	73.971	-5.251	74.157
Plate 8-32	24907	1	110.000	-19.000	73.971	-5.251	74.157
(psp 600+pzl 610)	24908	2	110.000	-19.250	70.231	-4.974	70.407
	24909	3	110.000	-19.500	66.462	-4.696	66.628
	24910	4	110.000	-19.750	62.675	-4.424	62.831
	24911	5	110.000	-20.000	58.861	-4.150	59.007

### 3.1.1.1.2.11 Calculation results, Plate, FS 2° scavo [Phase\_13] (31/390), Table of total displacements

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
Plate 1-1	10475	1	110.000	0.500	165.505	-18.605	166.547
(psp 600+pzl 610)	10476	2	110.000	0.375	165.015	-18.605	166.060
	10477	3	110.000	0.250	164.525	-18.605	165.573
	10478	4	110.000	0.125	164.035	-18.605	165.086
	10647	5	110.000	0.000	163.545	-18.605	164.599
Plate 2-2	10647	1	110.000	0.000	163.545	-18.605	164.599
(psp 600+pzl 610)	10648	2	110.000	-0.173	162.866	-18.605	163.925
	10649	3	110.000	-0.346	162.187	-18.605	163.250
	10650	4	110.000	-0.520	161.508	-18.605	162.576
	10671	5	110.000	-0.693	160.829	-18.605	161.902
Plate 2-3	10671	1	110.000	-0.693	160.829	-18.605	161.902
(psp 600+pzl 610)	10672	2	110.000	-0.864	160.157	-18.605	161.234
	10673	3	110.000	-1.036	159.484	-18.605	160.566
	10674	4	110.000	-1.207	158.812	-18.605	159.898
	10963	5	110.000	-1.379	158.139	-18.605	159.230
Plate 2-4	10963	1	110.000	-1.379	158.139	-18.605	159.230
(psp 600+pzl 610)	10964	2	110.000	-1.549	157.474	-18.605	158.569
	10965	3	110.000	-1.719	156.808	-18.605	157.908
	10966	4	110.000	-1.889	156.142	-18.605	157.246
	10977	5	110.000	-2.058	155.476	-18.605	156.585
Plate 2-5	10977	1	110.000	-2.058	155.476	-18.605	156.585
(psp 600+pzl 610)	10978	2	110.000	-2.227	154.816	-18.605	155.930
	10979	3	110.000	-2.395	154.157	-18.605	155.276
	10980	4	110.000	-2.563	153.497	-18.605	154.621
	11973	5	110.000	-2.731	152.838	-18.605	153.966
Plate 2-6	11973	1	110.000	-2.731	152.838	-18.605	153.966
(psp 600+pzl 610)	11974	2	110.000	-2.898	152.185	-18.605	153.318
	11975	3	110.000	-3.065	151.532	-18.605	152.670
	11976	4	110.000	-3.231	150.879	-18.605	152.021
	12761	5	110.000	-3.398	150.226	-18.605	151.373
Plate 2-7	12761	1	110.000	-3.398	150.226	-18.605	151.373
(psp 600+pzl 610)	12762	2	110.000	-3.563	149.579	-18.605	150.731
	12763	3	110.000	-3.728	148.932	-18.605	150.090
	12764	4	110.000	-3.893	148.285	-18.605	149.448
	13039	5	110.000	-4.058	147.638	-18.605	148.806
Plate 2-8	13039	1	110.000	-4.058	147.638	-18.605	148.806
(psp 600+pzl 610)	13040	2	110.000	-4.221	146.998	-18.605	148.171
	13041	3	110.000	-4.385	146.357	-18.605	147.535

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
	13042	4	110.000	-4.548	145.717	-18.605	146.900
	13879	5	110.000	-4.712	145.076	-18.605	146.264
Plate 2-9	13879	1	110.000	-4.712	145.076	-18.605	146.264
(psp 600+pzl 610)	13880	2	110.000	-4.873	144.442	-18.605	145.635
	13881	3	110.000	-5.035	143.807	-18.605	145.006
	13882	4	110.000	-5.197	143.173	-18.605	144.377
	13983	5	110.000	-5.359	142.538	-18.605	143.748
Plate 2-10	13983	1	110.000	-5.359	142.538	-18.605	143.748
(psp 600+pzl 610)	13984	2	110.000	-5.519	141.910	-18.605	143.125
	13985	3	110.000	-5.679	141.282	-18.605	142.502
	13986	4	110.000	-5.840	140.654	-18.605	141.879
	14345	5	110.000	-6.000	140.025	-18.605	141.256
Plate 3-11	14345	1	110.000	-6.000	140.025	-18.605	141.256
(psp 600+pzl 610)	14346	2	110.000	-6.075	139.731	-18.605	140.965
	14347	3	110.000	-6.150	139.437	-18.605	140.673
	14348	4	110.000	-6.225	139.143	-18.605	140.382
	14407	5	110.000	-6.300	138.849	-18.605	140.090
Plate 4-12	14407	1	110.000	-6.300	138.849	-18.605	140.090
(psp 600+pzl 610)	14408	2	110.000	-6.385	138.456	-18.584	139.698
	14409	3	110.000	-6.470	138.122	-18.479	139.353
	14410	4	110.000	-6.555	137.808	-18.379	139.029
	14431	5	110.000	-6.640	137.492	-18.289	138.703
Plate 4-13	14431	1	110.000	-6.640	137.492	-18.289	138.703
(psp 600+pzl 610)	14432	2	110.000	-6.730	137.171	-18.232	138.377
	14433	3	110.000	-6.820	136.847	-18.205	138.052
	14434	4	110.000	-6.910	136.506	-18.184	137.712
	15335	5	110.000	-7.000	136.145	-18.138	137.348
Plate 5-14	15335	1	110.000	-7.000	136.145	-18.138	137.348
(psp 600+pzl 610)	15336	2	110.000	-7.097	135.736	-18.053	136.932
	15337	3	110.000	-7.193	135.322	-17.918	136.503
	15338	4	110.000	-7.290	134.904	-17.741	136.065
	15577	5	110.000	-7.387	134.490	-17.546	135.630
Plate 5-15	15577	1	110.000	-7.387	134.490	-17.546	135.630
(psp 600+pzl 610)	15578	2	110.000	-7.485	134.150	-17.477	135.284
	15579	3	110.000	-7.583	133.819	-17.430	134.949
	15580	4	110.000	-7.682	133.495	-17.402	134.625
	16271	5	110.000	-7.780	133.186	-17.390	134.316
Plate 5-16	16271	1	110.000	-7.780	133.186	-17.390	134.316
(psp 600+pzl 610)	16272	2	110.000	-7.880	132.874	-17.381	134.006
	16273	3	110.000	-7.980	132.560	-17.374	133.693
	16274	4	110.000	-8.080	132.238	-17.367	133.374
	16681	5	110.000	-8.180	131.914	-17.366	133.052



Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
Plate 5-17	16681	1	110.000	-8.180	131.914	-17.366	133.052
(psp 600+pzl 610)	16682	2	110.000	-8.281	131.581	-17.364	132.721
	16683	3	110.000	-8.383	131.246	-17.361	132.390
	16684	4	110.000	-8.485	130.910	-17.357	132.056
	16722	5	110.000	-8.586	130.572	-17.352	131.720
Plate 5-18	16722	1	110.000	-8.586	130.572	-17.352	131.720
(psp 600+pzl 610)	16724	2	110.000	-8.690	130.225	-17.346	131.375
	16725	3	110.000	-8.793	129.875	-17.339	131.027
	16726	4	110.000	-8.897	129.522	-17.332	130.677
	16723	5	110.000	-9.000	129.167	-17.325	130.324
Plate 6-19	16723	1	110.000	-9.000	129.167	-17.325	130.324
(psp 600+pzl 610)	16704	2	110.000	-9.110	128.787	-17.318	129.946
	16705	3	110.000	-9.220	128.403	-17.310	129.564
	16706	4	110.000	-9.330	128.016	-17.302	129.180
	16801	5	110.000	-9.440	127.627	-17.294	128.793
Plate 6-20	16801	1	110.000	-9.440	127.627	-17.294	128.793
(psp 600+pzl 610)	16802	2	110.000	-9.561	127.193	-17.284	128.362
	16803	3	110.000	-9.682	126.756	-17.273	127.927
	16804	4	110.000	-9.803	126.314	-17.262	127.488
	16831	5	110.000	-9.924	125.869	-17.251	127.045
Plate 6-21	16831	1	110.000	-9.924	125.869	-17.251	127.045
(psp 600+pzl 610)	16832	2	110.000	-10.058	125.373	-17.239	126.553
	16833	3	110.000	-10.191	124.872	-17.227	126.055
	16834	4	110.000	-10.324	124.366	-17.214	125.552
	16849	5	110.000	-10.458	123.856	-17.201	125.044
Plate 6-22	16849	1	110.000	-10.458	123.856	-17.201	125.044
(psp 600+pzl 610)	16850	2	110.000	-10.604	123.288	-17.187	124.480
	16851	3	110.000	-10.751	122.714	-17.173	123.910
	16852	4	110.000	-10.898	122.134	-17.159	123.334
	17863	5	110.000	-11.045	121.549	-17.145	122.752
Plate 6-23	17863	1	110.000	-11.045	121.549	-17.145	122.752
(psp 600+pzl 610)	17864	2	110.000	-11.206	120.897	-17.130	122.104
	17865	3	110.000	-11.368	120.238	-17.114	121.450
	17866	4	110.000	-11.530	119.573	-17.099	120.789
	18681	5	110.000	-11.691	118.900	-17.083	120.121
Plate 6-24	18681	1	110.000	-11.691	118.900	-17.083	120.121
(psp 600+pzl 610)	18682	2	110.000	-11.869	118.151	-17.067	119.377
	18683	3	110.000	-12.047	117.393	-17.051	118.625
	18684	4	110.000	-12.225	116.626	-17.035	117.864
	18967	5	110.000	-12.403	115.850	-17.019	117.094
Plate 6-25	18967	1	110.000	-12.403	115.850	-17.019	117.094
(psp 600+pzl 610)	18968	2	110.000	-12.599	114.985	-17.003	116.235

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
	18969	3	110.000	-12.795	114.108	-16.988	115.365
	18970	4	110.000	-12.991	113.219	-16.973	114.484
	20151	5	110.000	-13.187	112.317	-16.959	113.591
Plate 6-26	20151	1	110.000	-13.187	112.317	-16.959	113.591
(psp 600+pzl 610)	20152	2	110.000	-13.403	111.311	-16.946	112.594
	20153	3	110.000	-13.618	110.291	-16.933	111.583
	20154	4	110.000	-13.834	109.256	-16.922	110.558
	21141	5	110.000	-14.050	108.207	-16.913	109.521
Plate 6-27	21141	1	110.000	-14.050	108.207	-16.913	109.521
(psp 600+pzl 610)	21142	2	110.000	-14.287	107.036	-16.905	108.362
	21143	3	110.000	-14.525	105.852	-16.900	107.193
	21144	4	110.000	-14.762	104.654	-16.896	106.009
	21331	5	110.000	-15.000	103.427	-16.894	104.798
Plate 7-28	21331	1	110.000	-15.000	103.427	-16.894	104.798
(psp 600+pzl 610)	21332	2	110.000	-15.250	100.594	-16.036	101.864
	21333	3	110.000	-15.500	97.676	-15.180	98.848
	21334	4	110.000	-15.750	94.663	-14.321	95.740
	22335	5	110.000	-16.000	91.569	-13.449	92.551
Plate 7-29	22335	1	110.000	-16.000	91.569	-13.449	92.551
(psp 600+pzl 610)	22336	2	110.000	-16.250	88.356	-12.567	89.245
	22337	3	110.000	-16.500	85.037	-11.675	85.834
	22338	4	110.000	-16.750	81.611	-10.771	82.319
	23097	5	110.000	-17.000	78.081	-9.856	78.700
Plate 7-30	23097	1	110.000	-17.000	78.081	-9.856	78.700
(psp 600+pzl 610)	23098	2	110.000	-17.250	74.450	-8.934	74.984
	23099	3	110.000	-17.500	70.698	-7.993	71.148
	23100	4	110.000	-17.750	66.840	-7.034	67.209
	24335	5	110.000	-18.000	62.885	-6.079	63.178
Plate 8-31	24335	1	110.000	-18.000	62.885	-6.079	63.178
(psp 600+pzl 610)	24338	2	110.000	-18.250	60.366	-5.806	60.645
	24337	3	110.000	-18.500	57.851	-5.535	58.115
	24336	4	110.000	-18.750	55.308	-5.265	55.558
	24907	5	110.000	-19.000	52.735	-4.992	52.971
Plate 8-32	24907	1	110.000	-19.000	52.735	-4.992	52.971
(psp 600+pzl 610)	24908	2	110.000	-19.250	50.128	-4.714	50.350
	24909	3	110.000	-19.500	47.493	-4.436	47.700
	24910	4	110.000	-19.750	44.840	-4.164	45.033
	24911	5	110.000	-20.000	42.159	-3.890	42.339

### 3.1.1.1.2.12 Calculation results, Plate, FS 1° scavo [Phase\_11] (29/490), Table of total displacements

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
Plate 1-1	10475	1	110.000	0.500	68.314	-20.138	71.220
(psp 600+pzl 610)	10476	2	110.000	0.375	68.468	-20.138	71.368
	10477	3	110.000	0.250	68.622	-20.138	71.515
	10478	4	110.000	0.125	68.775	-20.138	71.663
	10647	5	110.000	0.000	68.929	-20.138	71.811
Plate 2-2	10647	1	110.000	0.000	68.929	-20.138	71.811
(psp 600+pzl 610)	10648	2	110.000	-0.173	69.142	-20.138	72.015
	10649	3	110.000	-0.346	69.355	-20.138	72.220
	10650	4	110.000	-0.520	69.568	-20.138	72.424
	10671	5	110.000	-0.693	69.781	-20.138	72.629
Plate 2-3	10671	1	110.000	-0.693	69.781	-20.138	72.629
(psp 600+pzl 610)	10672	2	110.000	-0.864	69.992	-20.138	72.832
	10673	3	110.000	-1.036	70.204	-20.138	73.035
	10674	4	110.000	-1.207	70.415	-20.138	73.238
	10963	5	110.000	-1.379	70.626	-20.138	73.440
Plate 2-4	10963	1	110.000	-1.379	70.626	-20.138	73.440
(psp 600+pzl 610)	10964	2	110.000	-1.549	70.835	-20.138	73.641
	10965	3	110.000	-1.719	71.044	-20.138	73.842
	10966	4	110.000	-1.889	71.252	-20.138	74.044
	10977	5	110.000	-2.058	71.461	-20.138	74.245
Plate 2-5	10977	1	110.000	-2.058	71.461	-20.138	74.245
(psp 600+pzl 610)	10978	2	110.000	-2.227	71.668	-20.138	74.444
	10979	3	110.000	-2.395	71.875	-20.138	74.643
	10980	4	110.000	-2.563	72.082	-20.138	74.842
	11973	5	110.000	-2.731	72.289	-20.138	75.042
Plate 2-6	11973	1	110.000	-2.731	72.289	-20.138	75.042
(psp 600+pzl 610)	11974	2	110.000	-2.898	72.494	-20.138	75.239
	11975	3	110.000	-3.065	72.699	-20.138	75.437
	11976	4	110.000	-3.231	72.904	-20.138	75.634
	12761	5	110.000	-3.398	73.109	-20.138	75.832
Plate 2-7	12761	1	110.000	-3.398	73.109	-20.138	75.832
(psp 600+pzl 610)	12762	2	110.000	-3.563	73.312	-20.138	76.028
	12763	3	110.000	-3.728	73.515	-20.138	76.223
	12764	4	110.000	-3.893	73.718	-20.138	76.419
	13039	5	110.000	-4.058	73.921	-20.138	76.615
Plate 2-8	13039	1	110.000	-4.058	73.921	-20.138	76.615
(psp 600+pzl 610)	13040	2	110.000	-4.221	74.122	-20.138	76.809
	13041	3	110.000	-4.385	74.323	-20.138	77.003

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
	13042	4	110.000	-4.548	74.524	-20.138	77.197
	13879	5	110.000	-4.712	74.725	-20.138	77.391
Plate 2-9	13879	1	110.000	-4.712	74.725	-20.138	77.391
(psp 600+pzl 610)	13880	2	110.000	-4.873	74.924	-20.138	77.584
	13881	3	110.000	-5.035	75.124	-20.138	77.776
	13882	4	110.000	-5.197	75.323	-20.138	77.968
	13983	5	110.000	-5.359	75.522	-20.138	78.160
Plate 2-10	13983	1	110.000	-5.359	75.522	-20.138	78.160
(psp 600+pzl 610)	13984	2	110.000	-5.519	75.719	-20.138	78.351
	13985	3	110.000	-5.679	75.916	-20.138	78.542
	13986	4	110.000	-5.840	76.113	-20.138	78.732
	14345	5	110.000	-6.000	76.310	-20.138	78.923
Plate 3-11	14345	1	110.000	-6.000	76.310	-20.138	78.923
(psp 600+pzl 610)	14346	2	110.000	-6.075	76.403	-20.138	79.012
	14347	3	110.000	-6.150	76.495	-20.138	79.101
	14348	4	110.000	-6.225	76.587	-20.138	79.190
	14407	5	110.000	-6.300	76.679	-20.138	79.280
Plate 4-12	14407	1	110.000	-6.300	76.679	-20.138	79.280
(psp 600+pzl 610)	14408	2	110.000	-6.385	76.724	-20.117	79.318
	14409	3	110.000	-6.470	76.829	-20.012	79.392
	14410	4	110.000	-6.555	76.954	-19.912	79.488
	14431	5	110.000	-6.640	77.075	-19.822	79.583
Plate 4-13	14431	1	110.000	-6.640	77.075	-19.822	79.583
(psp 600+pzl 610)	14432	2	110.000	-6.730	77.218	-19.764	79.707
	14433	3	110.000	-6.820	77.356	-19.738	79.834
	14434	4	110.000	-6.910	77.478	-19.716	79.947
	15335	5	110.000	-7.000	77.580	-19.670	80.035
Plate 5-14	15335	1	110.000	-7.000	77.580	-19.670	80.035
(psp 600+pzl 610)	15336	2	110.000	-7.097	77.669	-19.585	80.101
	15337	3	110.000	-7.193	77.753	-19.450	80.149
	15338	4	110.000	-7.290	77.832	-19.273	80.183
	15577	5	110.000	-7.387	77.916	-19.078	80.218
Plate 5-15	15577	1	110.000	-7.387	77.916	-19.078	80.218
(psp 600+pzl 610)	15578	2	110.000	-7.485	78.083	-19.009	80.363
	15579	3	110.000	-7.583	78.258	-18.962	80.522
	15580	4	110.000	-7.682	78.440	-18.935	80.693
	16271	5	110.000	-7.780	78.637	-18.922	80.882
Plate 5-16	16271	1	110.000	-7.780	78.637	-18.922	80.882
(psp 600+pzl 610)	16272	2	110.000	-7.880	78.840	-18.914	81.077
	16273	3	110.000	-7.980	79.041	-18.906	81.270
	16274	4	110.000	-8.080	79.234	-18.899	81.457
	16681	5	110.000	-8.180	79.425	-18.898	81.642

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
Plate 5-17	16681	1	110.000	-8.180	79.425	-18.898	81.642
(psp 600+pzl 610)	16682	2	110.000	-8.281	79.615	-18.896	81.827
	16683	3	110.000	-8.383	79.805	-18.893	82.011
	16684	4	110.000	-8.485	79.993	-18.889	82.193
	16722	5	110.000	-8.586	80.179	-18.884	82.373
Plate 5-18	16722	1	110.000	-8.586	80.179	-18.884	82.373
(psp 600+pzl 610)	16724	2	110.000	-8.690	80.365	-18.878	82.552
	16725	3	110.000	-8.793	80.549	-18.871	82.730
	16726	4	110.000	-8.897	80.730	-18.864	82.904
	16723	5	110.000	-9.000	80.908	-18.857	83.077
Plate 6-19	16723	1	110.000	-9.000	80.908	-18.857	83.077
(psp 600+pzl 610)	16704	2	110.000	-9.110	81.096	-18.850	83.258
	16705	3	110.000	-9.220	81.281	-18.842	83.436
	16706	4	110.000	-9.330	81.463	-18.834	83.612
	16801	5	110.000	-9.440	81.643	-18.826	83.786
Plate 6-20	16801	1	110.000	-9.440	81.643	-18.826	83.786
(psp 600+pzl 610)	16802	2	110.000	-9.561	81.837	-18.815	83.972
	16803	3	110.000	-9.682	82.028	-18.805	84.155
	16804	4	110.000	-9.803	82.214	-18.794	84.335
	16831	5	110.000	-9.924	82.398	-18.783	84.512
Plate 6-21	16831	1	110.000	-9.924	82.398	-18.783	84.512
(psp 600+pzl 610)	16832	2	110.000	-10.058	82.596	-18.770	84.702
	16833	3	110.000	-10.191	82.790	-18.758	84.888
	16834	4	110.000	-10.324	82.980	-18.745	85.071
	16849	5	110.000	-10.458	83.166	-18.732	85.250
Plate 6-22	16849	1	110.000	-10.458	83.166	-18.732	85.250
(psp 600+pzl 610)	16850	2	110.000	-10.604	83.367	-18.718	85.443
	16851	3	110.000	-10.751	83.564	-18.704	85.632
	16852	4	110.000	-10.898	83.757	-18.690	85.817
	17863	5	110.000	-11.045	83.946	-18.676	85.998
Plate 6-23	17863	1	110.000	-11.045	83.946	-18.676	85.998
(psp 600+pzl 610)	17864	2	110.000	-11.206	84.149	-18.661	86.193
	17865	3	110.000	-11.368	84.346	-18.645	86.383
	17866	4	110.000	-11.530	84.538	-18.630	86.567
	18681	5	110.000	-11.691	84.724	-18.615	86.745
Plate 6-24	18681	1	110.000	-11.691	84.724	-18.615	86.745
(psp 600+pzl 610)	18682	2	110.000	-11.869	84.921	-18.598	86.934
	18683	3	110.000	-12.047	85.111	-18.582	87.116
	18684	4	110.000	-12.225	85.292	-18.566	87.289
	18967	5	110.000	-12.403	85.463	-18.551	87.454
Plate 6-25	18967	1	110.000	-12.403	85.463	-18.551	87.454
(psp 600+pzl 610)	18968	2	110.000	-12.599	85.641	-18.535	87.624

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
	18969	3	110.000	-12.795	85.807	-18.520	87.783
	18970	4	110.000	-12.991	85.960	-18.506	87.930
	20151	5	110.000	-13.187	86.100	-18.493	88.064
Plate 6-26	20151	1	110.000	-13.187	86.100	-18.493	88.064
(psp 600+pzl 610)	20152	2	110.000	-13.403	86.237	-18.480	88.194
	20153	3	110.000	-13.618	86.353	-18.468	88.306
	20154	4	110.000	-13.834	86.449	-18.458	88.397
	21141	5	110.000	-14.050	86.521	-18.449	88.466
Plate 6-27	21141	1	110.000	-14.050	86.521	-18.449	88.466
(psp 600+pzl 610)	21142	2	110.000	-14.287	86.570	-18.442	88.512
	21143	3	110.000	-14.525	86.590	-18.436	88.530
	21144	4	110.000	-14.762	86.578	-18.433	88.518
	21331	5	110.000	-15.000	86.521	-18.431	88.462
Plate 7-28	21331	1	110.000	-15.000	86.521	-18.431	88.462
(psp 600+pzl 610)	21332	2	110.000	-15.250	84.903	-17.572	86.702
	21333	3	110.000	-15.500	83.186	-16.716	84.849
	21334	4	110.000	-15.750	81.359	-15.857	82.890
	22335	5	110.000	-16.000	79.438	-14.985	80.838
Plate 7-29	22335	1	110.000	-16.000	79.438	-14.985	80.838
(psp 600+pzl 610)	22336	2	110.000	-16.250	77.385	-14.103	78.659
	22337	3	110.000	-16.500	75.213	-13.210	76.365
	22338	4	110.000	-16.750	72.924	-12.307	73.956
	23097	5	110.000	-17.000	70.520	-11.392	71.434
Plate 7-30	23097	1	110.000	-17.000	70.520	-11.392	71.434
(psp 600+pzl 610)	23098	2	110.000	-17.250	68.006	-10.469	68.807
	23099	3	110.000	-17.500	65.360	-9.528	66.051
	23100	4	110.000	-17.750	62.601	-8.569	63.185
	24335	5	110.000	-18.000	59.738	-7.615	60.221
Plate 8-31	24335	1	110.000	-18.000	59.738	-7.615	60.221
(psp 600+pzl 610)	24338	2	110.000	-18.250	58.305	-7.341	58.765
	24337	3	110.000	-18.500	56.869	-7.070	57.307
	24336	4	110.000	-18.750	55.402	-6.800	55.818
	24907	5	110.000	-19.000	53.902	-6.527	54.295
Plate 8-32	24907	1	110.000	-19.000	53.902	-6.527	54.295
(psp 600+pzl 610)	24908	2	110.000	-19.250	52.366	-6.249	52.738
	24909	3	110.000	-19.500	50.800	-5.971	51.150
	24910	4	110.000	-19.750	49.217	-5.699	49.545
	24911	5	110.000	-20.000	47.607	-5.425	47.915

### 3.1.1.1.2.13 Calculation results, Plate, SLU A2 M2 R2 [Phase\_9] (27/508), Table of total displacements

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
Plate 1-1	10475	1	110.000	0.500	24.962	-11.712	27.573
(psp 600+pzl 610)	10476	2	110.000	0.375	25.466	-11.712	28.031
	10477	3	110.000	0.250	25.971	-11.712	28.490
	10478	4	110.000	0.125	26.476	-11.712	28.951
	10647	5	110.000	0.000	26.980	-11.712	29.413
Plate 2-2	10647	1	110.000	0.000	26.980	-11.712	29.413
(psp 600+pzl 610)	10648	2	110.000	-0.173	27.680	-11.712	30.056
	10649	3	110.000	-0.346	28.379	-11.712	30.701
	10650	4	110.000	-0.520	29.078	-11.712	31.348
	10671	5	110.000	-0.693	29.777	-11.712	31.998
Plate 2-3	10671	1	110.000	-0.693	29.777	-11.712	31.998
(psp 600+pzl 610)	10672	2	110.000	-0.864	30.470	-11.712	32.644
	10673	3	110.000	-1.036	31.163	-11.712	33.291
	10674	4	110.000	-1.207	31.855	-11.712	33.940
	10963	5	110.000	-1.379	32.548	-11.712	34.591
Plate 2-4	10963	1	110.000	-1.379	32.548	-11.712	34.591
(psp 600+pzl 610)	10964	2	110.000	-1.549	33.233	-11.712	35.237
	10965	3	110.000	-1.719	33.919	-11.712	35.884
	10966	4	110.000	-1.889	34.605	-11.712	36.533
	10977	5	110.000	-2.058	35.291	-11.712	37.184
Plate 2-5	10977	1	110.000	-2.058	35.291	-11.712	37.184
(psp 600+pzl 610)	10978	2	110.000	-2.227	35.970	-11.712	37.829
	10979	3	110.000	-2.395	36.649	-11.712	38.475
	10980	4	110.000	-2.563	37.329	-11.712	39.123
	11973	5	110.000	-2.731	38.008	-11.712	39.772
Plate 2-6	11973	1	110.000	-2.731	38.008	-11.712	39.772
(psp 600+pzl 610)	11974	2	110.000	-2.898	38.681	-11.712	40.415
	11975	3	110.000	-3.065	39.353	-11.712	41.059
	11976	4	110.000	-3.231	40.026	-11.712	41.704
	12761	5	110.000	-3.398	40.699	-11.712	42.350
Plate 2-7	12761	1	110.000	-3.398	40.699	-11.712	42.350
(psp 600+pzl 610)	12762	2	110.000	-3.563	41.365	-11.712	42.991
	12763	3	110.000	-3.728	42.031	-11.712	43.632
	12764	4	110.000	-3.893	42.697	-11.712	44.274
	13039	5	110.000	-4.058	43.363	-11.712	44.917
Plate 2-8	13039	1	110.000	-4.058	43.363	-11.712	44.917
(psp 600+pzl 610)	13040	2	110.000	-4.221	44.023	-11.712	45.555
	13041	3	110.000	-4.385	44.683	-11.712	46.192

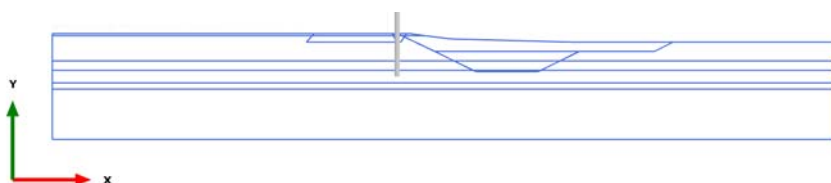
Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
	13042	4	110.000	-4.548	45.343	-11.712	46.831
	13879	5	110.000	-4.712	46.002	-11.712	47.470
Plate 2-9	13879	1	110.000	-4.712	46.002	-11.712	47.470
(psp 600+pzl 610)	13880	2	110.000	-4.873	46.656	-11.712	48.104
	13881	3	110.000	-5.035	47.309	-11.712	48.738
	13882	4	110.000	-5.197	47.963	-11.712	49.372
	13983	5	110.000	-5.359	48.616	-11.712	50.007
Plate 2-10	13983	1	110.000	-5.359	48.616	-11.712	50.007
(psp 600+pzl 610)	13984	2	110.000	-5.519	49.263	-11.712	50.636
	13985	3	110.000	-5.679	49.910	-11.712	51.266
	13986	4	110.000	-5.840	50.557	-11.712	51.896
	14345	5	110.000	-6.000	51.205	-11.712	52.527
Plate 3-11	14345	1	110.000	-6.000	51.205	-11.712	52.527
(psp 600+pzl 610)	14346	2	110.000	-6.075	51.507	-11.712	52.822
	14347	3	110.000	-6.150	51.810	-11.712	53.118
	14348	4	110.000	-6.225	52.113	-11.712	53.413
	14407	5	110.000	-6.300	52.416	-11.712	53.708
Plate 4-12	14407	1	110.000	-6.300	52.416	-11.712	53.708
(psp 600+pzl 610)	14408	2	110.000	-6.385	52.700	-11.692	53.981
	14409	3	110.000	-6.470	53.043	-11.586	54.294
	14410	4	110.000	-6.555	53.407	-11.486	54.628
	14431	5	110.000	-6.640	53.767	-11.396	54.962
Plate 4-13	14431	1	110.000	-6.640	53.767	-11.396	54.962
(psp 600+pzl 610)	14432	2	110.000	-6.730	54.162	-11.339	55.336
	14433	3	110.000	-6.820	54.553	-11.313	55.713
	14434	4	110.000	-6.910	54.927	-11.291	56.076
	15335	5	110.000	-7.000	55.281	-11.245	56.413
Plate 5-14	15335	1	110.000	-7.000	55.281	-11.245	56.413
(psp 600+pzl 610)	15336	2	110.000	-7.097	55.642	-11.160	56.750
	15337	3	110.000	-7.193	55.997	-11.025	57.072
	15338	4	110.000	-7.290	56.348	-10.848	57.383
	15577	5	110.000	-7.387	56.704	-10.653	57.696
Plate 5-15	15577	1	110.000	-7.387	56.704	-10.653	57.696
(psp 600+pzl 610)	15578	2	110.000	-7.485	57.146	-10.584	58.118
	15579	3	110.000	-7.583	57.597	-10.537	58.553
	15580	4	110.000	-7.682	58.056	-10.510	59.000
	16271	5	110.000	-7.780	58.530	-10.497	59.463
Plate 5-16	16271	1	110.000	-7.780	58.530	-10.497	59.463
(psp 600+pzl 610)	16272	2	110.000	-7.880	59.013	-10.489	59.938
	16273	3	110.000	-7.980	59.495	-10.482	60.411
	16274	4	110.000	-8.080	59.970	-10.475	60.878
	16681	5	110.000	-8.180	60.442	-10.474	61.343



Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
Plate 5-17	16681	1	110.000	-8.180	60.442	-10.474	61.343
(psp 600+pzl 610)	16682	2	110.000	-8.281	60.918	-10.472	61.811
	16683	3	110.000	-8.383	61.393	-10.469	62.279
	16684	4	110.000	-8.485	61.866	-10.466	62.745
	16722	5	110.000	-8.586	62.336	-10.461	63.207
Plate 5-18	16722	1	110.000	-8.586	62.336	-10.461	63.207
(psp 600+pzl 610)	16724	2	110.000	-8.690	62.811	-10.455	63.675
	16725	3	110.000	-8.793	63.283	-10.448	64.139
	16726	4	110.000	-8.897	63.751	-10.441	64.601
	16723	5	110.000	-9.000	64.216	-10.435	65.059
Plate 6-19	16723	1	110.000	-9.000	64.216	-10.435	65.059
(psp 600+pzl 610)	16704	2	110.000	-9.110	64.708	-10.428	65.543
	16705	3	110.000	-9.220	65.196	-10.421	66.023
	16706	4	110.000	-9.330	65.679	-10.413	66.500
	16801	5	110.000	-9.440	66.159	-10.405	66.973
Plate 6-20	16801	1	110.000	-9.440	66.159	-10.405	66.973
(psp 600+pzl 610)	16802	2	110.000	-9.561	66.682	-10.396	67.487
	16803	3	110.000	-9.682	67.198	-10.386	67.996
	16804	4	110.000	-9.803	67.709	-10.375	68.499
	16831	5	110.000	-9.924	68.214	-10.365	68.996
Plate 6-21	16831	1	110.000	-9.924	68.214	-10.365	68.996
(psp 600+pzl 610)	16832	2	110.000	-10.058	68.761	-10.353	69.536
	16833	3	110.000	-10.191	69.301	-10.341	70.069
	16834	4	110.000	-10.324	69.833	-10.329	70.593
	16849	5	110.000	-10.458	70.356	-10.317	71.109
Plate 6-22	16849	1	110.000	-10.458	70.356	-10.317	71.109
(psp 600+pzl 610)	16850	2	110.000	-10.604	70.923	-10.304	71.667
	16851	3	110.000	-10.751	71.478	-10.291	72.215
	16852	4	110.000	-10.898	72.021	-10.277	72.751
	17863	5	110.000	-11.045	72.553	-10.264	73.276
Plate 6-23	17863	1	110.000	-11.045	72.553	-10.264	73.276
(psp 600+pzl 610)	17864	2	110.000	-11.206	73.125	-10.249	73.839
	17865	3	110.000	-11.368	73.680	-10.235	74.387
	17866	4	110.000	-11.530	74.219	-10.220	74.919
	18681	5	110.000	-11.691	74.740	-10.206	75.434
Plate 6-24	18681	1	110.000	-11.691	74.740	-10.206	75.434
(psp 600+pzl 610)	18682	2	110.000	-11.869	75.293	-10.191	75.980
	18683	3	110.000	-12.047	75.823	-10.176	76.502
	18684	4	110.000	-12.225	76.328	-10.161	77.001
	18967	5	110.000	-12.403	76.807	-10.147	77.474
Plate 6-25	18967	1	110.000	-12.403	76.807	-10.147	77.474
(psp 600+pzl 610)	18968	2	110.000	-12.599	77.304	-10.132	77.965

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	u <sub>x</sub> [10 <sup>-3</sup> m]	u <sub>y</sub> [10 <sup>-3</sup> m]	u  [10 <sup>-3</sup> m]
	18969	3	110.000	-12.795	77.766	-10.117	78.421
	18970	4	110.000	-12.991	78.193	-10.104	78.843
	20151	5	110.000	-13.187	78.582	-10.092	79.227
Plate 6-26	20151	1	110.000	-13.187	78.582	-10.092	79.227
(psp 600+pzl 610)	20152	2	110.000	-13.403	78.966	-10.079	79.606
	20153	3	110.000	-13.618	79.301	-10.068	79.937
	20154	4	110.000	-13.834	79.585	-10.058	80.218
	21141	5	110.000	-14.050	79.819	-10.050	80.449
Plate 6-27	21141	1	110.000	-14.050	79.819	-10.050	80.449
(psp 600+pzl 610)	21142	2	110.000	-14.287	80.015	-10.043	80.642
	21143	3	110.000	-14.525	80.150	-10.038	80.776
	21144	4	110.000	-14.762	80.223	-10.035	80.848
	21331	5	110.000	-15.000	80.224	-10.034	80.849
Plate 7-28	21331	1	110.000	-15.000	80.224	-10.034	80.849
(psp 600+pzl 610)	21332	2	110.000	-15.250	78.638	-9.176	79.172
	21333	3	110.000	-15.500	76.926	-8.321	77.375
	21334	4	110.000	-15.750	75.081	-7.463	75.451
	22335	5	110.000	-16.000	73.118	-6.592	73.415
Plate 7-29	22335	1	110.000	-16.000	73.118	-6.592	73.415
(psp 600+pzl 610)	22336	2	110.000	-16.250	71.003	-5.711	71.233
	22337	3	110.000	-16.500	68.752	-4.819	68.920
	22338	4	110.000	-16.750	66.366	-3.916	66.481
	23097	5	110.000	-17.000	63.850	-3.002	63.920
Plate 7-30	23097	1	110.000	-17.000	63.850	-3.002	63.920
(psp 600+pzl 610)	23098	2	110.000	-17.250	61.211	-2.081	61.246
	23099	3	110.000	-17.500	58.430	-1.140	58.441
	23100	4	110.000	-17.750	55.527	-0.182	55.527
	24335	5	110.000	-18.000	52.511	0.772	52.517
Plate 8-31	24335	1	110.000	-18.000	52.511	0.772	52.517
(psp 600+pzl 610)	24338	2	110.000	-18.250	50.920	1.044	50.931
	24337	3	110.000	-18.500	49.322	1.315	49.340
	24336	4	110.000	-18.750	47.691	1.585	47.717
	24907	5	110.000	-19.000	46.023	1.858	46.060
Plate 8-32	24907	1	110.000	-19.000	46.023	1.858	46.060
(psp 600+pzl 610)	24908	2	110.000	-19.250	44.319	2.135	44.371
	24909	3	110.000	-19.500	42.585	2.413	42.654
	24910	4	110.000	-19.750	40.833	2.685	40.922
	24911	5	110.000	-20.000	39.057	2.959	39.169

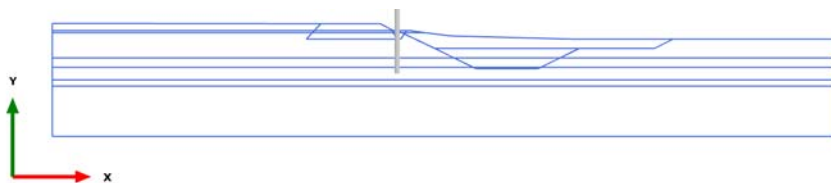
### 3.1.2.1.1 Calculation results, Plate, Initial phase [InitialPhase] (0/0), Axial forces N



Axial forces N (scaled up 1.00 times)

No results

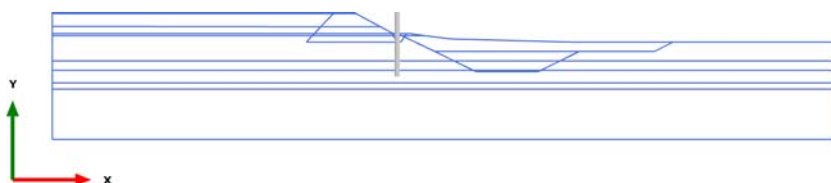
### 3.1.2.1.2 Calculation results, Plate, 1° step coronella [Phase\_1] (19/31), Axial forces N



Axial forces N (scaled up 1.00 times)

No results

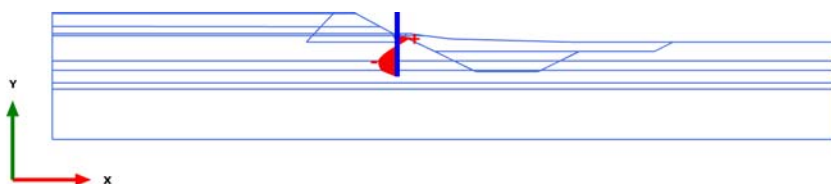
### 3.1.2.1.3 Calculation results, Plate, terreno riporto+coronella [Phase\_2] (20/52), Axial forces N



Axial forces N (scaled up 1.00 times)

No results

### 3.1.2.1.4 Calculation results, Plate, paratia [Phase\_4] (22/54), Axial forces N



[kN/m]

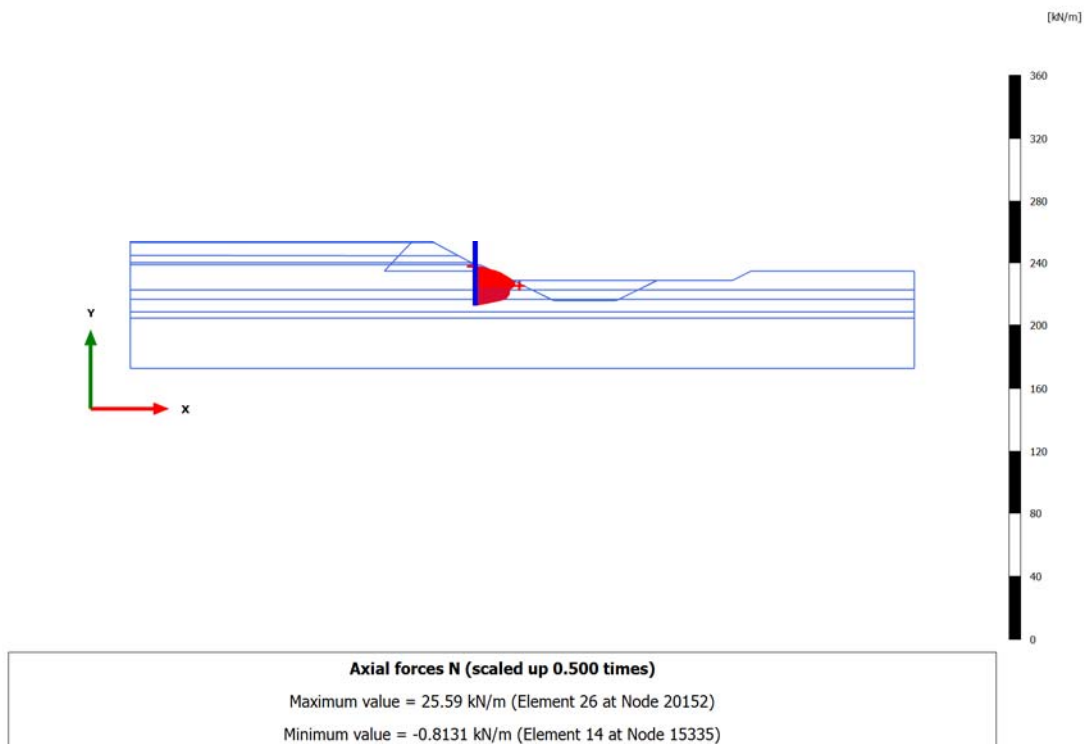


Axial forces N (scaled up 50.0 times)

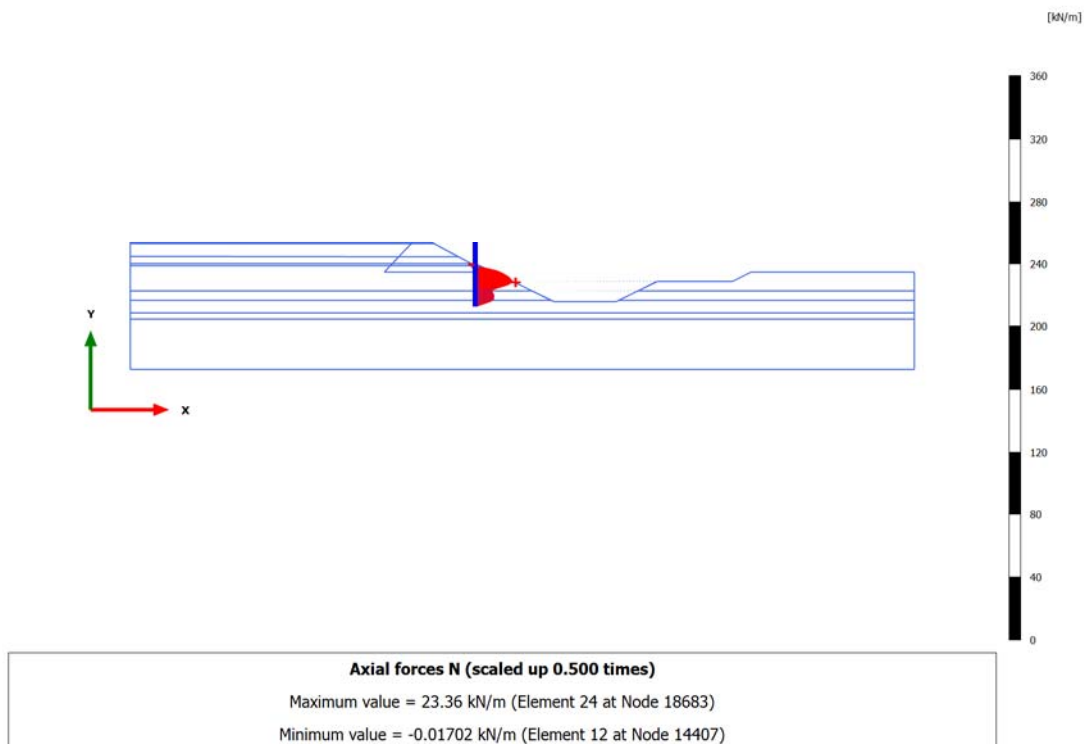
Maximum value = 0.08614 kN/m (Element 15 at Node 15580)

Minimum value = -0.1204 kN/m (Element 28 at Node 21331)

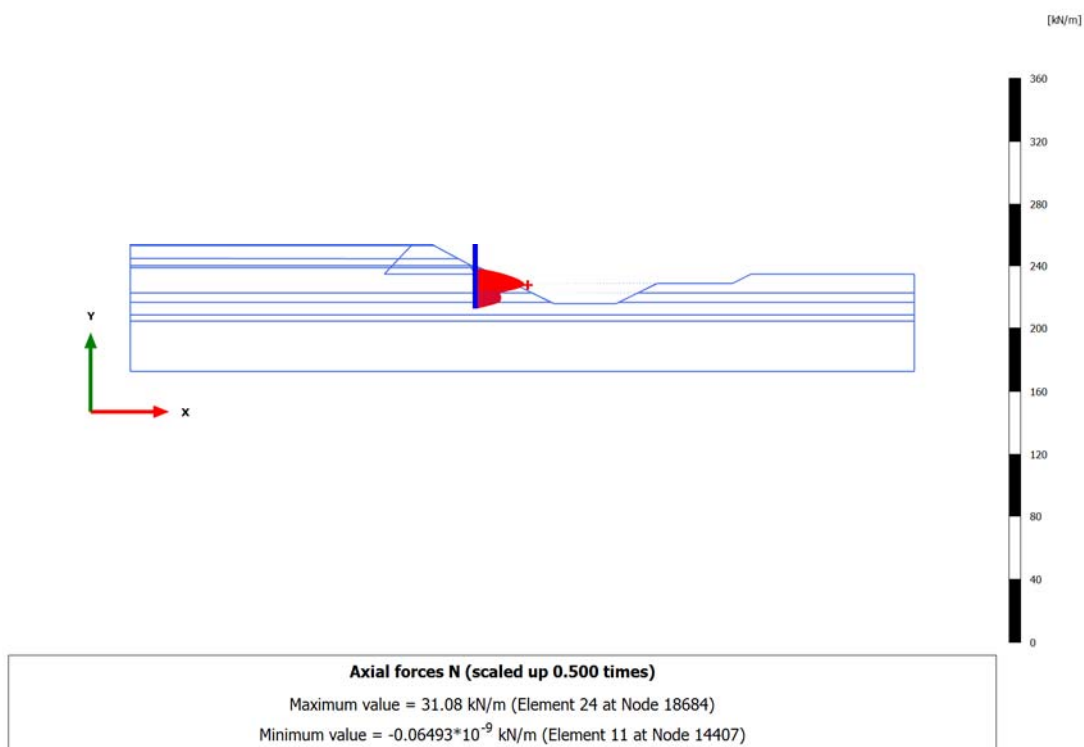
### 3.1.2.1.5 Calculation results, Plate, 1° scavo [Phase\_5] (23/66), Axial forces N



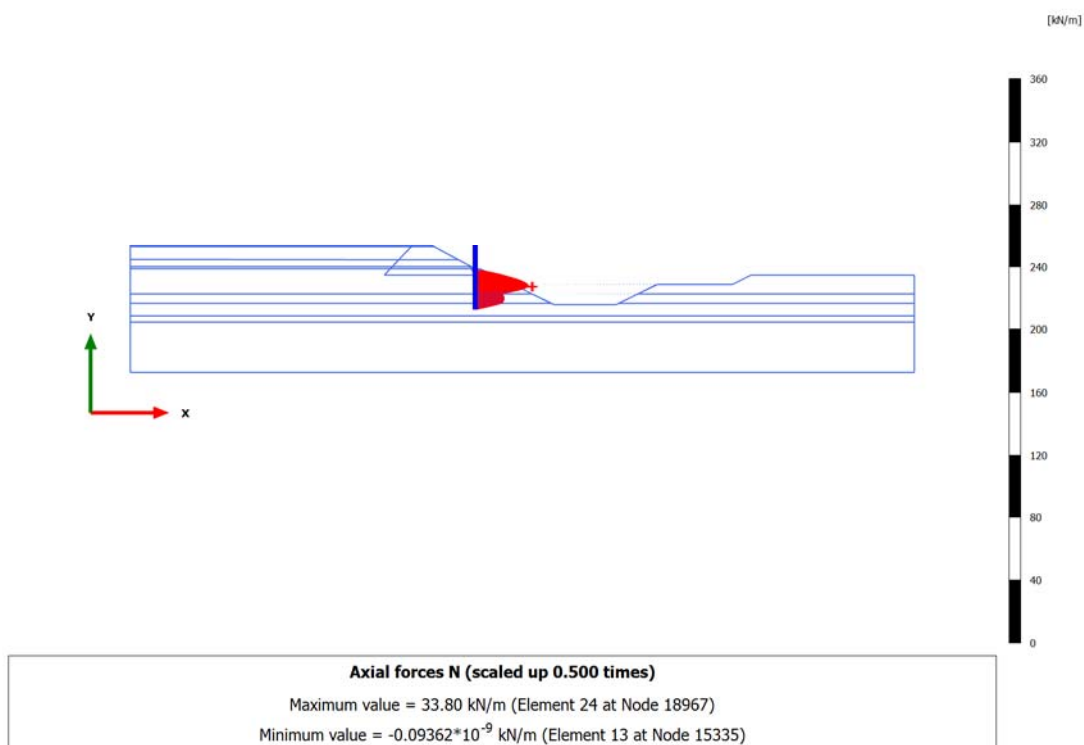
### 3.1.2.1.6 Calculation results, Plate, 2° scavo [Phase\_6] (24/73), Axial forces N



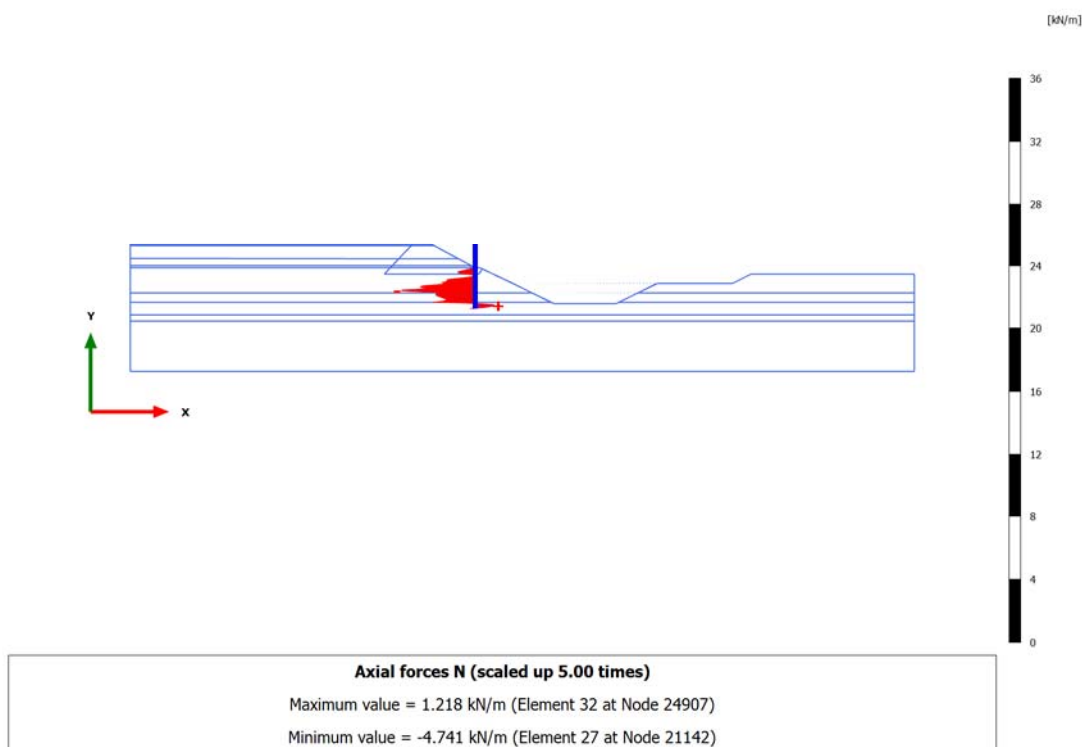
### 3.1.2.1.7 Calculation results, Plate, sovraccarico [Phase\_7] (25/85), Axial forces N



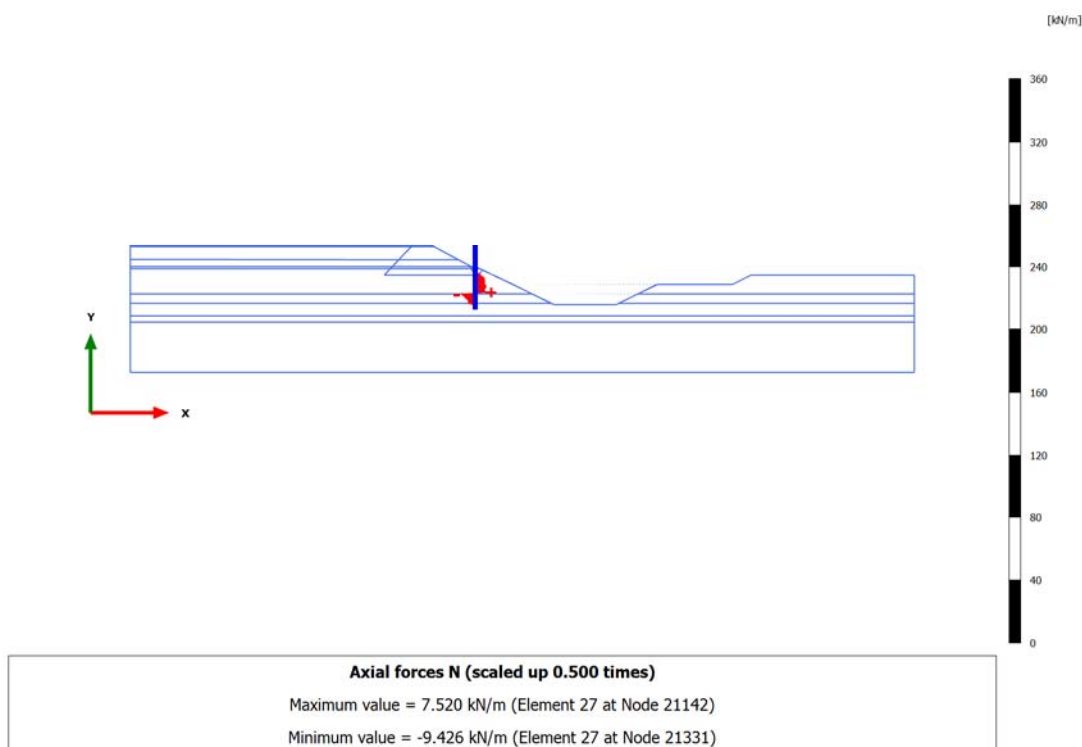
### 3.1.2.1.8 Calculation results, Plate, SLU A1 M1 R1 [Phase\_8] (26/90), Axial forces N



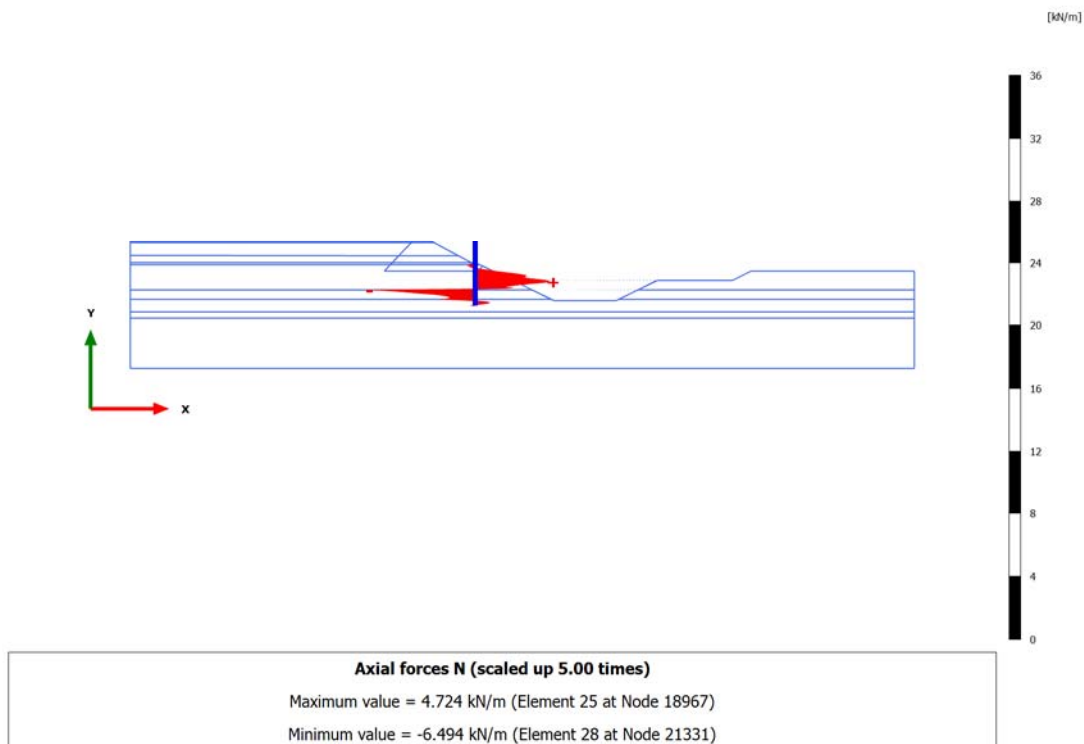
### 3.1.2.1.9 Calculation results, Plate, FS SLU A1 M1 R1 [Phase\_12] (30/190), Axial forces N



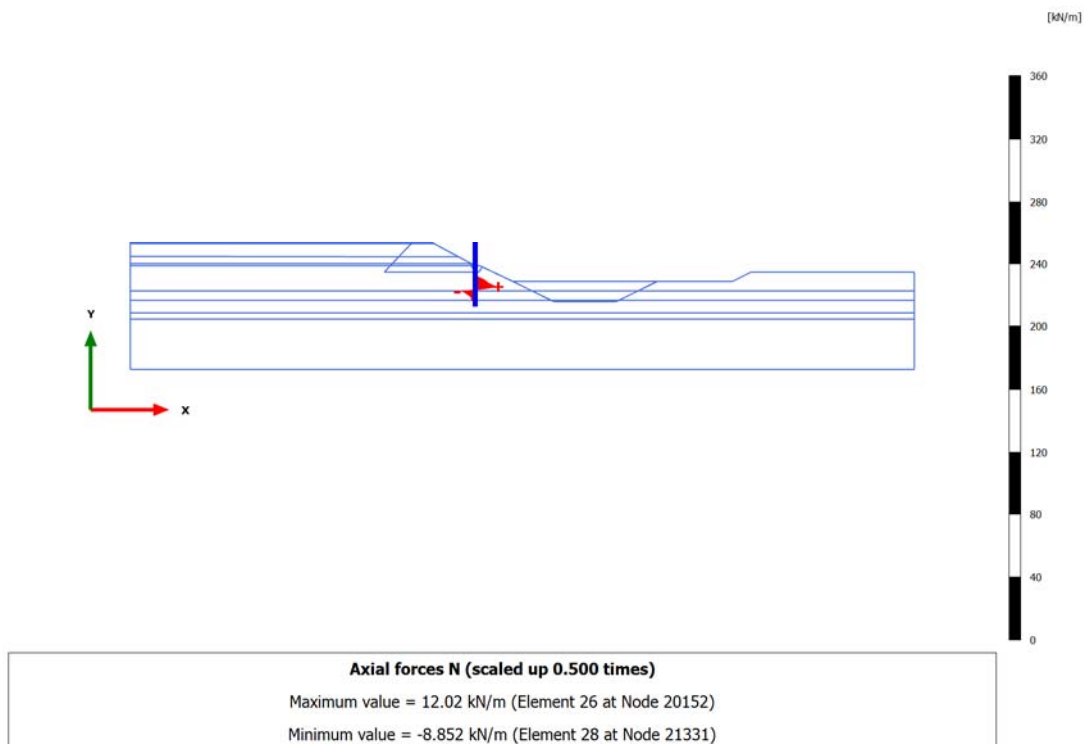
### 3.1.2.1.10 Calculation results, Plate, FS SLU A2 M2 R2 [Phase\_10] (28/290), Axial forces N



### 3.1.2.1.11 Calculation results, Plate, FS 2° scavo [Phase\_13] (31/390), Axial forces N

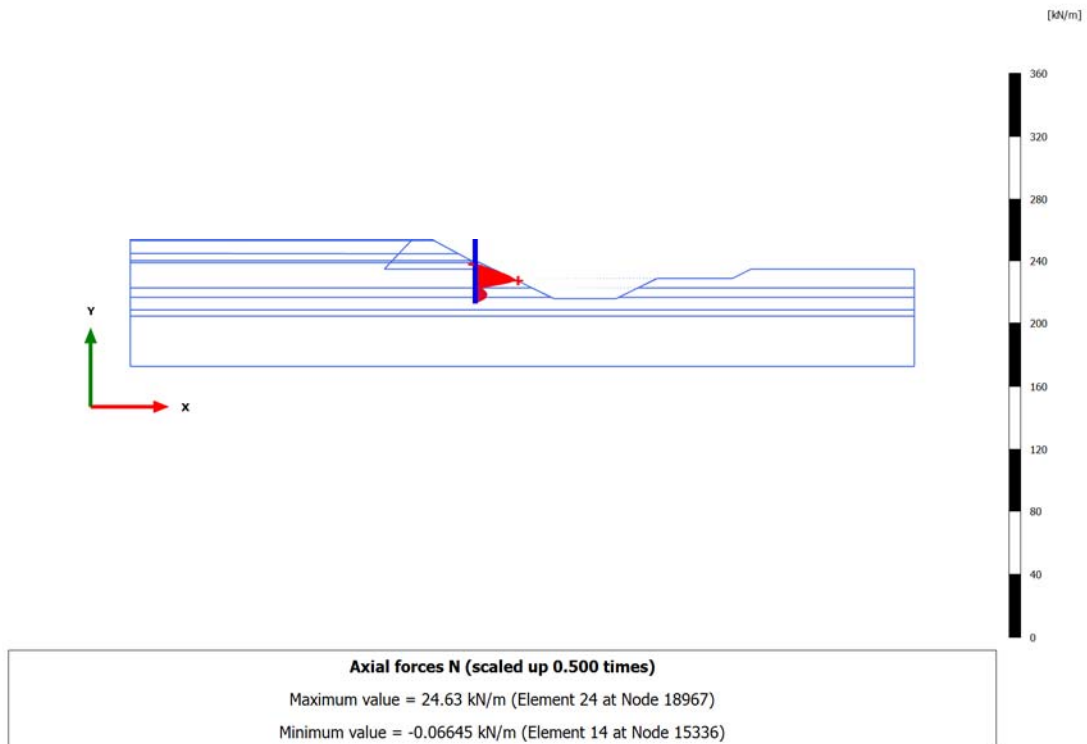


### 3.1.2.1.12 Calculation results, Plate, FS 1° scavo [Phase\_11] (29/490), Axial forces N

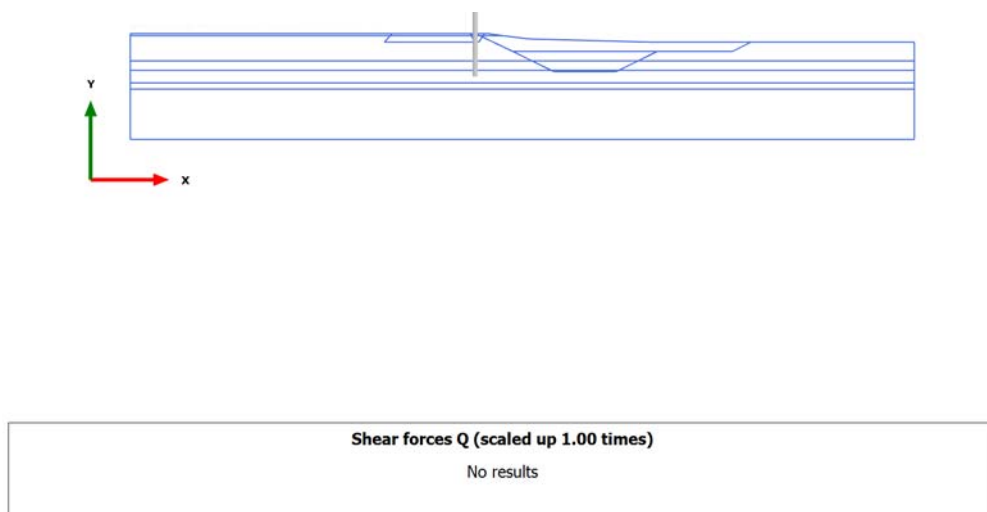




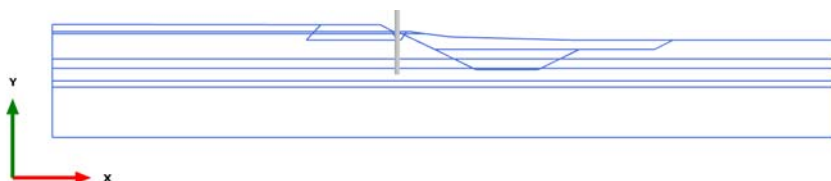
### 3.1.2.1.13 Calculation results, Plate, SLU A2 M2 R2 [Phase\_9] (27/508), Axial forces N



### 3.1.2.2.1 Calculation results, Plate, Initial phase [InitialPhase] (0/0), Shear forces Q



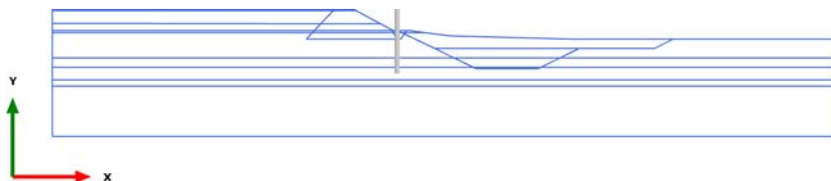
### 3.1.2.2.2 Calculation results, Plate, 1° step coronella [Phase\_1] (19/31), Shear forces Q



Shear forces Q (scaled up 1.00 times)

No results

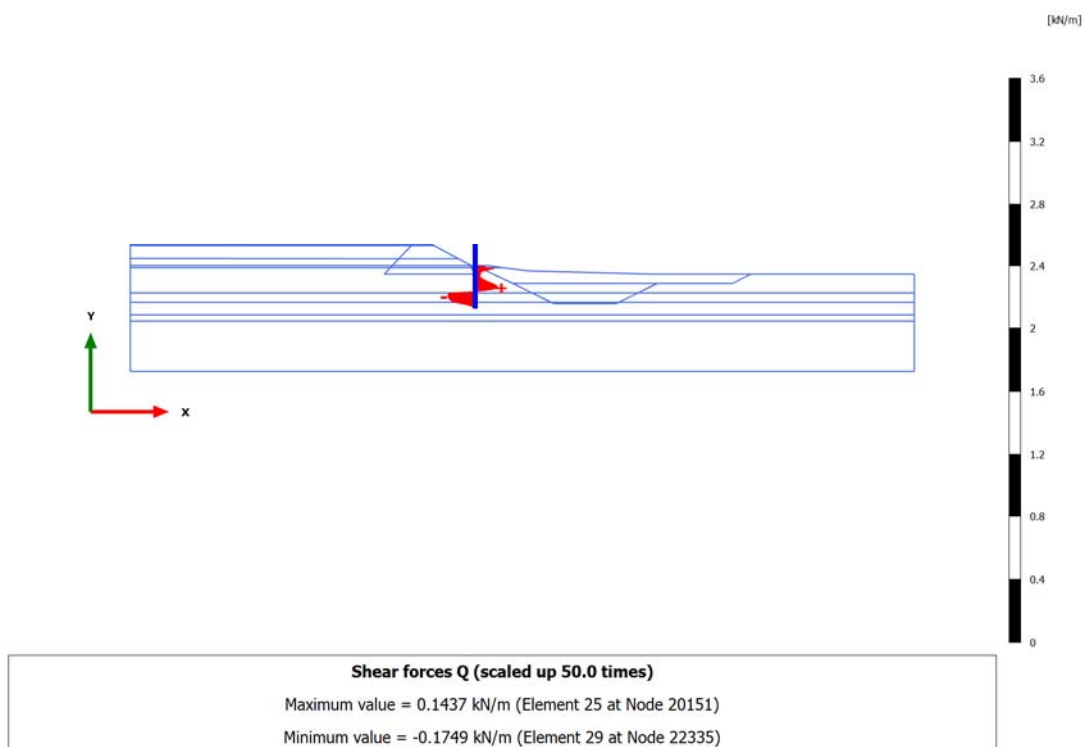
### 3.1.2.2.3 Calculation results, Plate, terreno riporto+coronella [Phase\_2] (20/52), Shear forces Q



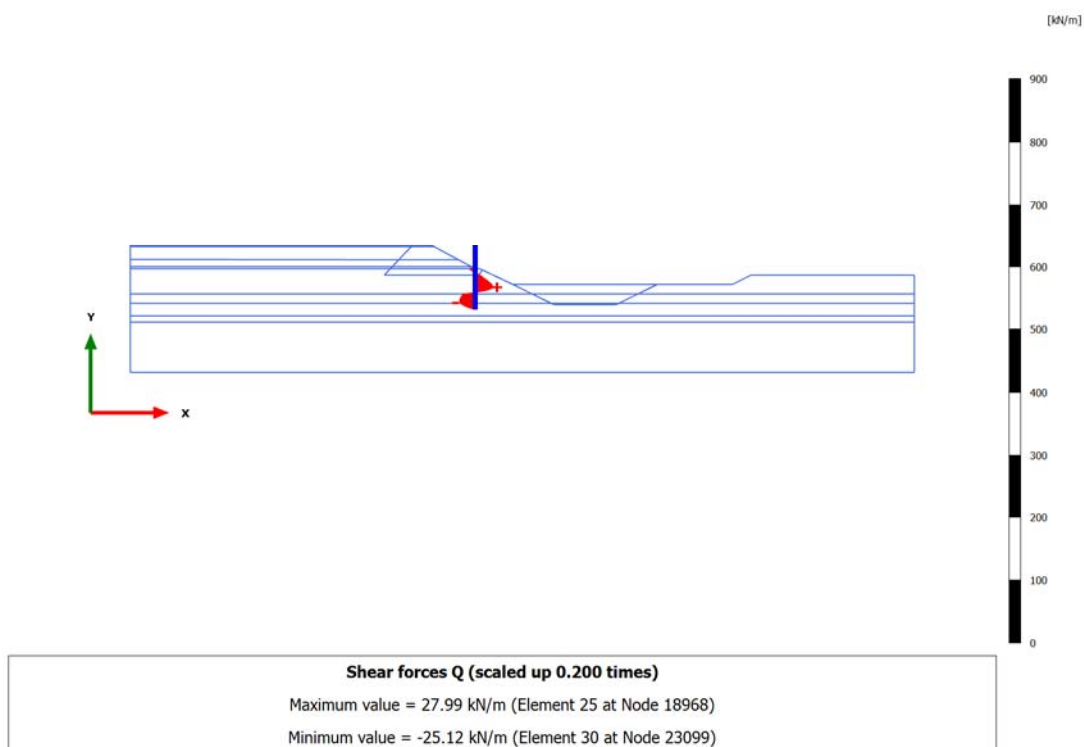
Shear forces Q (scaled up 1.00 times)

No results

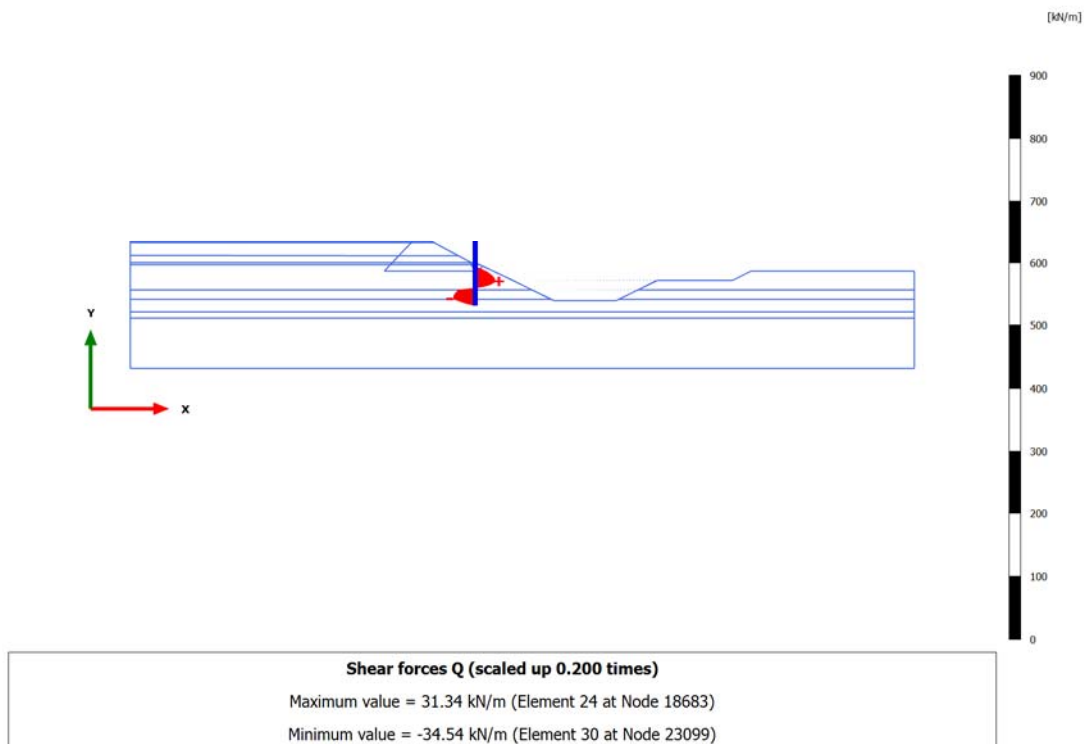
### 3.1.2.2.4 Calculation results, Plate, paratia [Phase\_4] (22/54), Shear forces Q



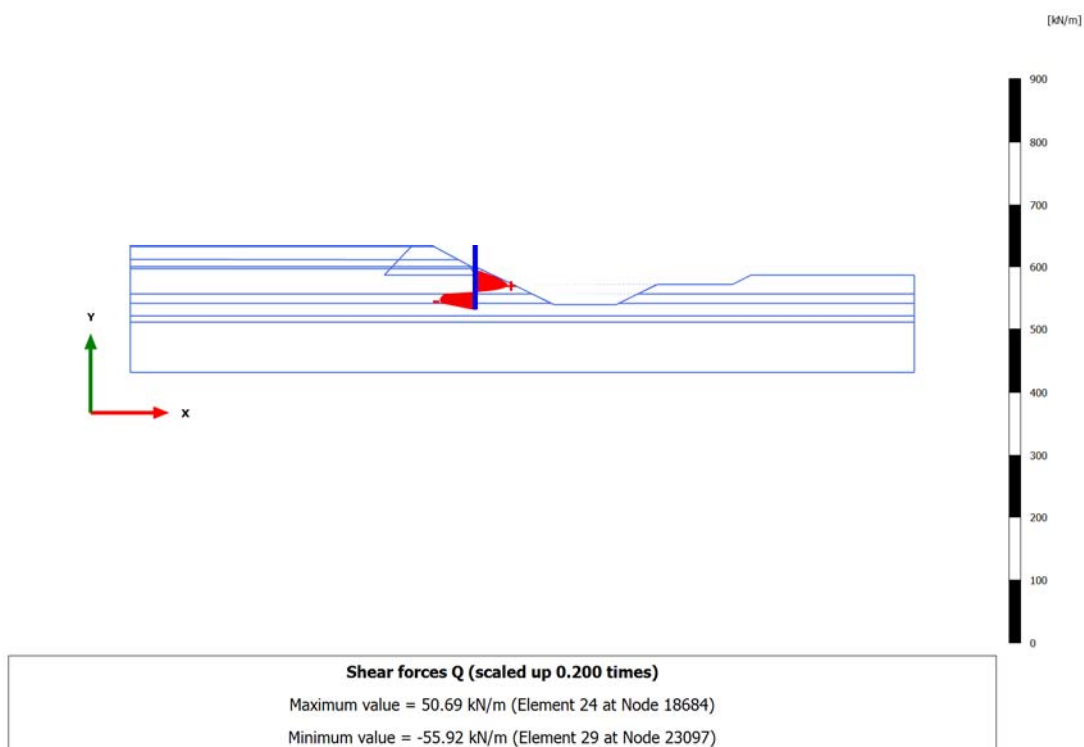
### 3.1.2.2.5 Calculation results, Plate, 1° scavo [Phase\_5] (23/66), Shear forces Q



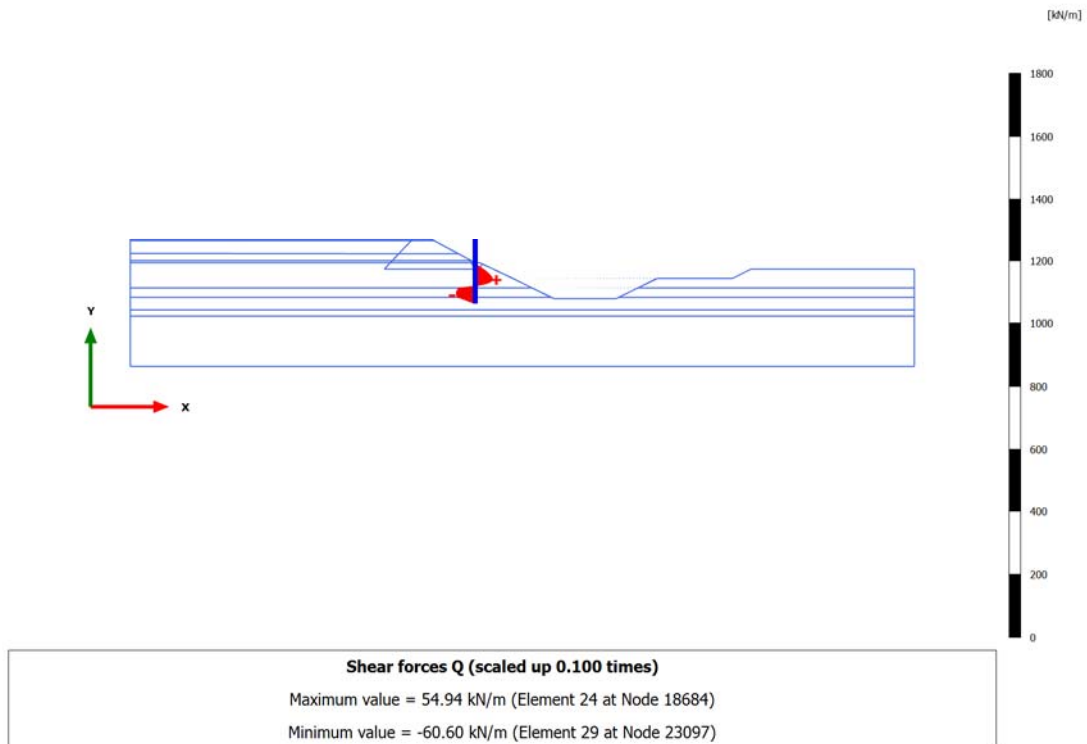
### 3.1.2.2.6 Calculation results, Plate, 2° scavo [Phase\_6] (24/73), Shear forces Q



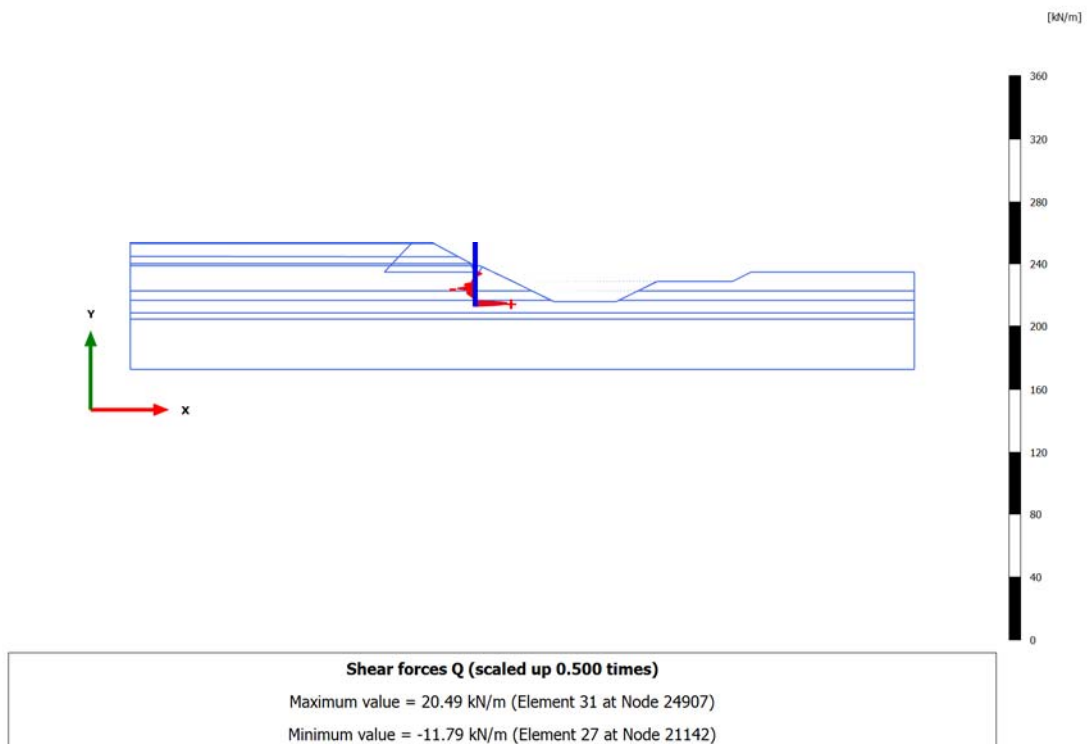
### 3.1.2.2.7 Calculation results, Plate, sovraccarico [Phase\_7] (25/85), Shear forces Q



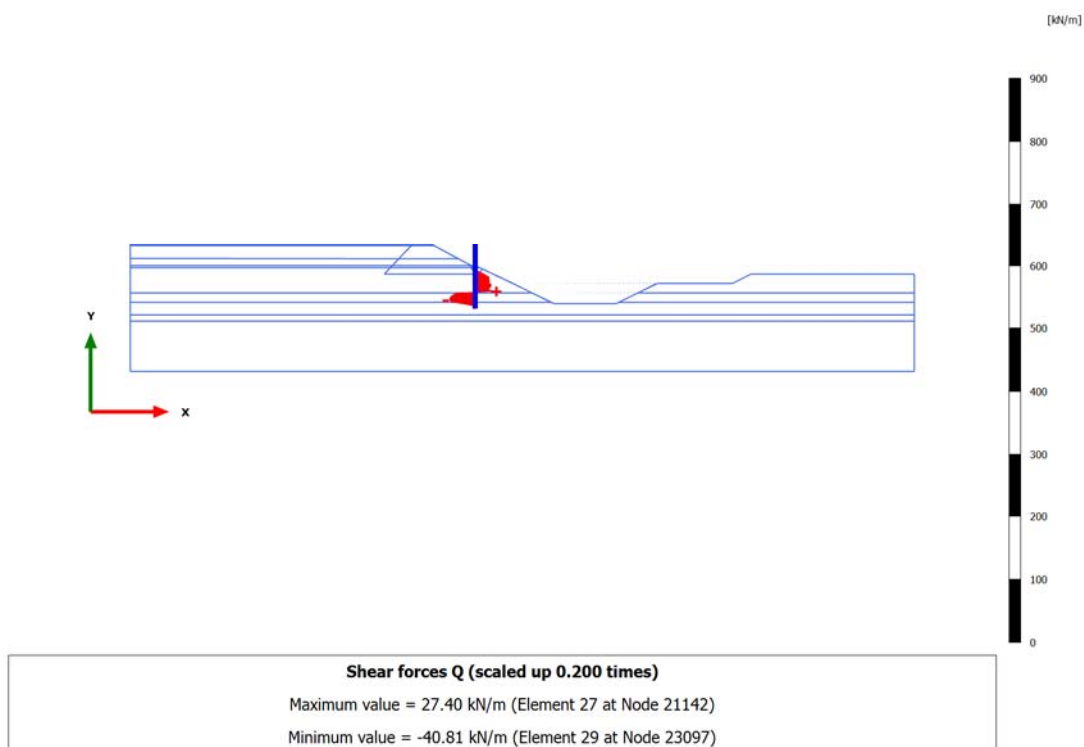
### 3.1.2.2.8 Calculation results, Plate, SLU A1 M1 R1 [Phase\_8] (26/90), Shear forces Q



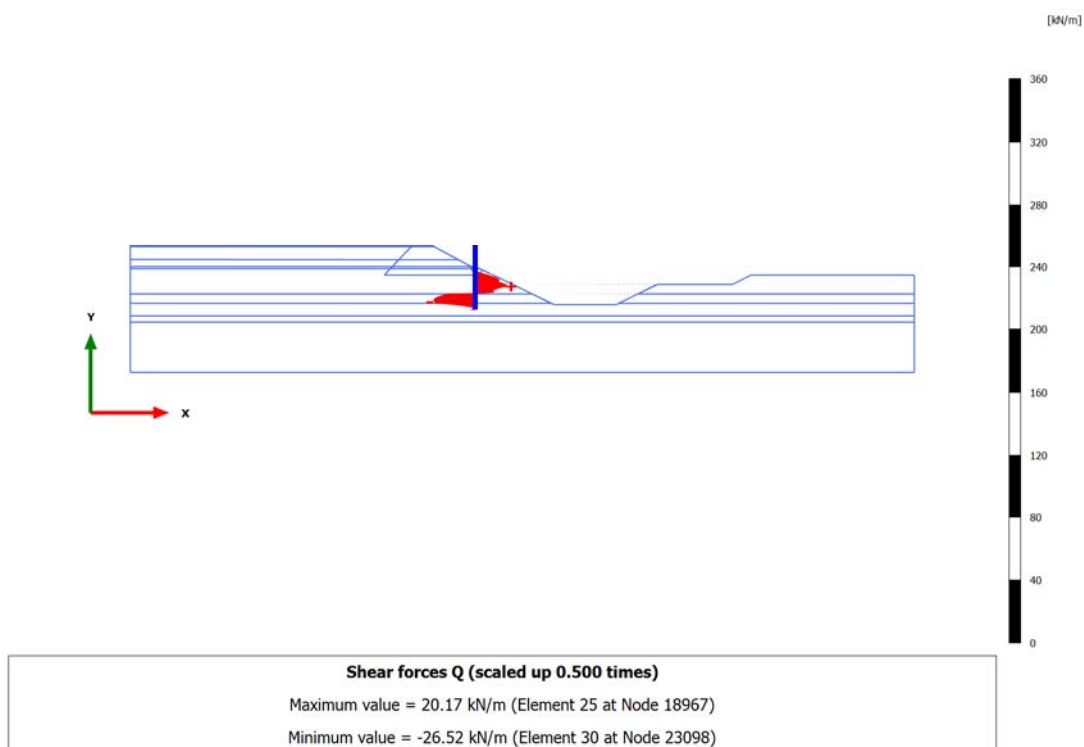
### 3.1.2.2.9 Calculation results, Plate, FS SLU A1 M1 R1 [Phase\_12] (30/190), Shear forces Q



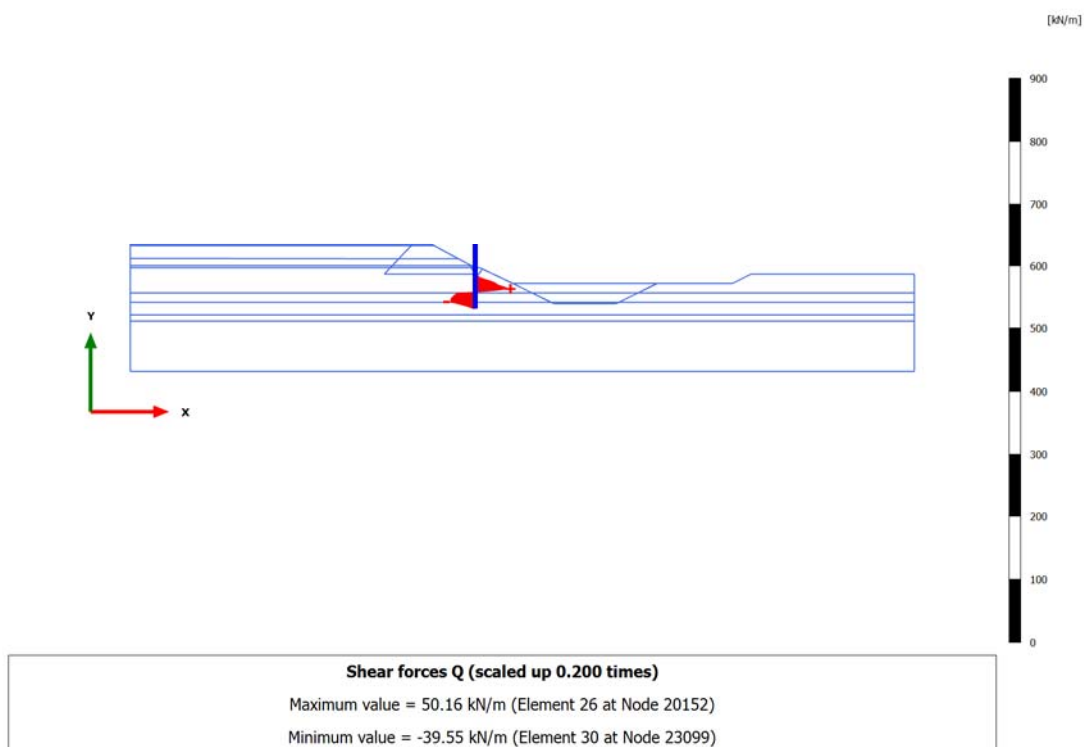
### 3.1.2.2.10 Calculation results, Plate, FS SLU A2 M2 R2 [Phase\_10] (28/290), Shear forces Q



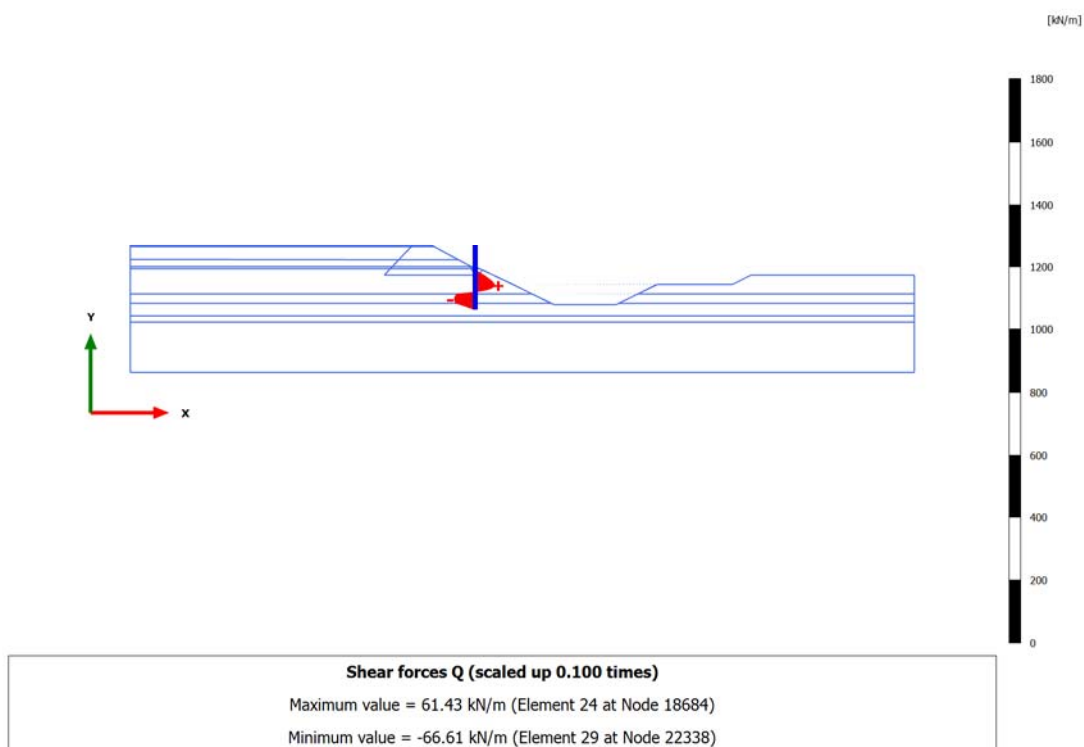
### 3.1.2.2.11 Calculation results, Plate, FS 2° scavo [Phase\_13] (31/390), Shear forces Q



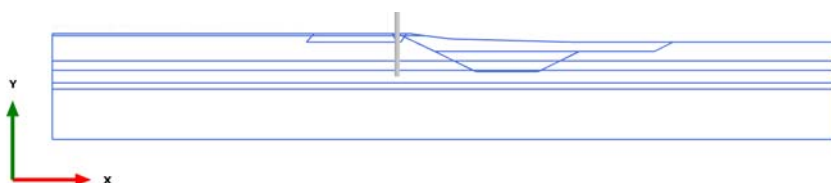
### 3.1.2.2.12 Calculation results, Plate, FS 1° scavo [Phase\_11] (29/490), Shear forces Q



### 3.1.2.2.13 Calculation results, Plate, SLU A2 M2 R2 [Phase\_9] (27/508), Shear forces Q



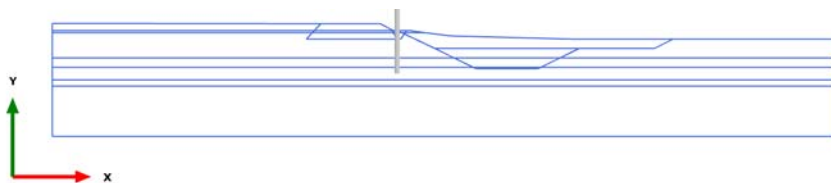
### 3.1.2.3.1 Calculation results, Plate, Initial phase [InitialPhase] (0/0), Bending moments M



Bending moments M (scaled up 1.00 times)

No results

### 3.1.2.3.2 Calculation results, Plate, 1° step coronella [Phase\_1] (19/31), Bending moments M

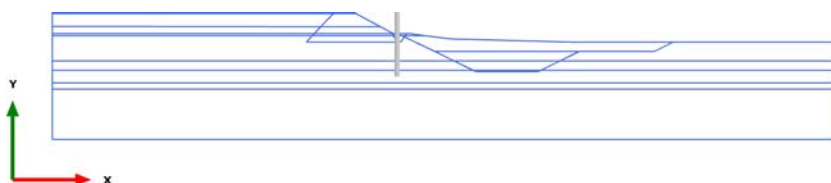


Bending moments M (scaled up 1.00 times)

No results



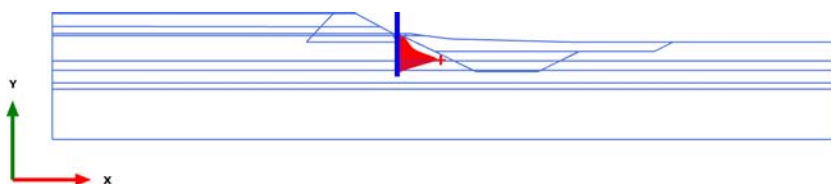
### 3.1.2.3.3 Calculation results, Plate, terreno riporto+coronella [Phase\_2] (20/52), Bending moments M



Bending moments M (scaled up 1.00 times)

No results

### 3.1.2.3.4 Calculation results, Plate, paratia [Phase\_4] (22/54), Bending moments M



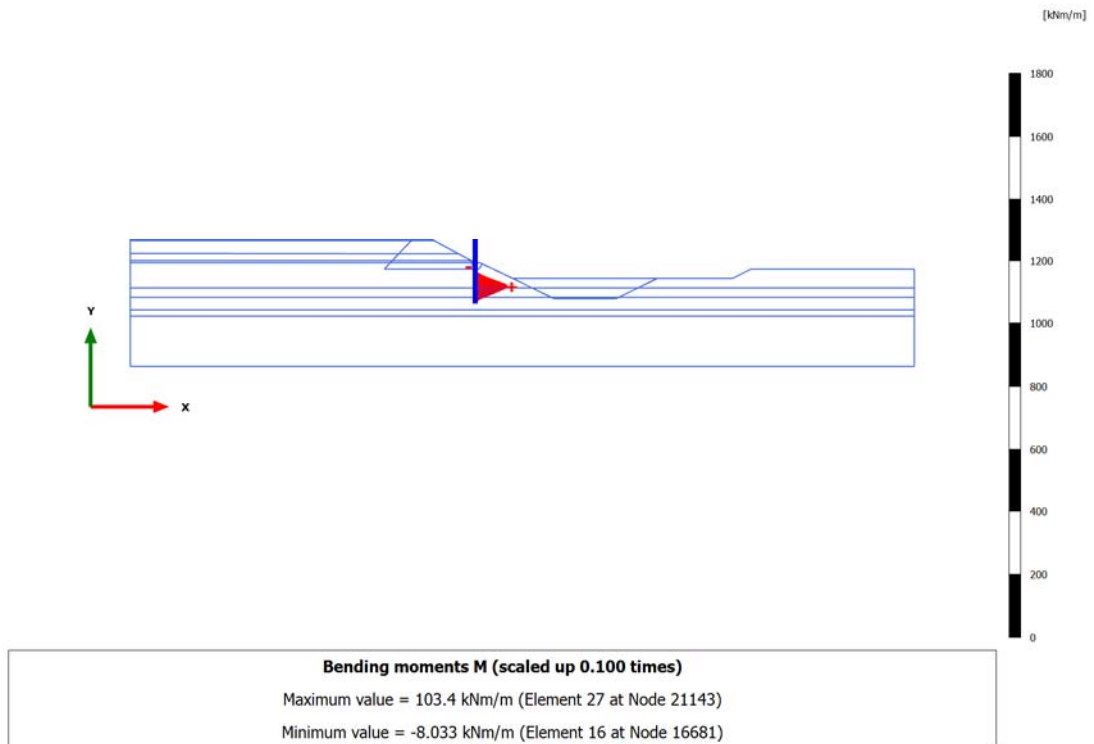
[kNm/m]



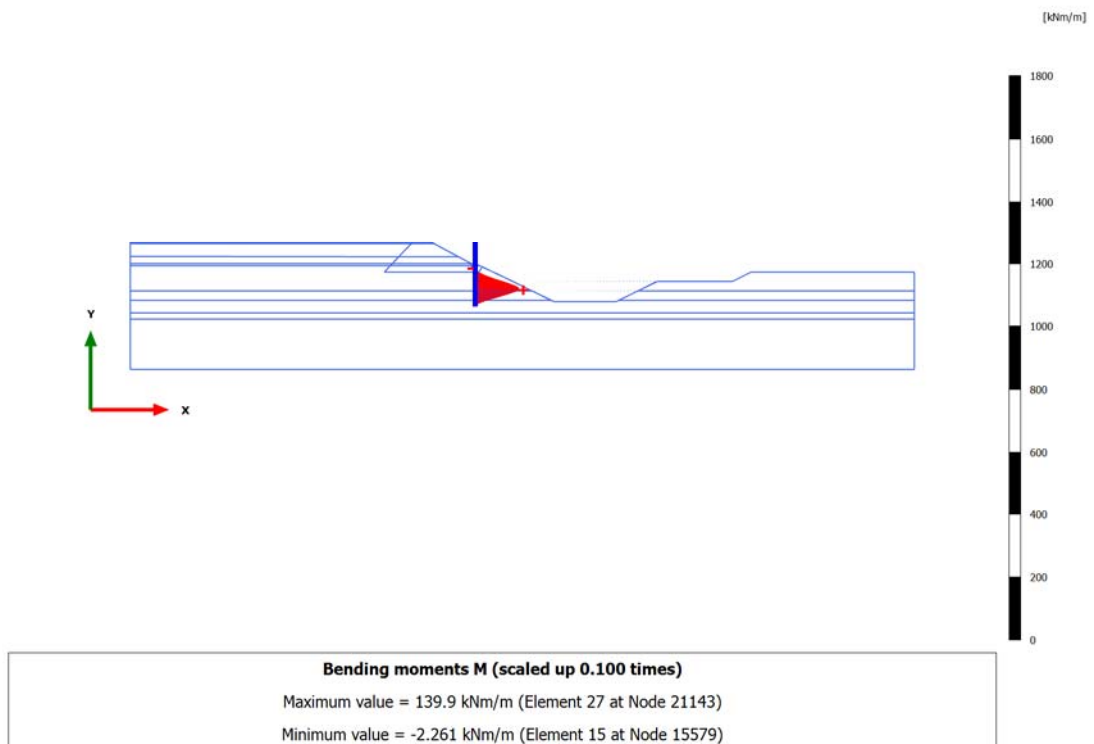
Bending moments M (scaled up 20.0 times)

Maximum value = 0.6314 kNm/m (Element 27 at Node 21143)  
Minimum value =  $-0.3087 \cdot 10^{-12}$  kNm/m (Element 7 at Node 13039)

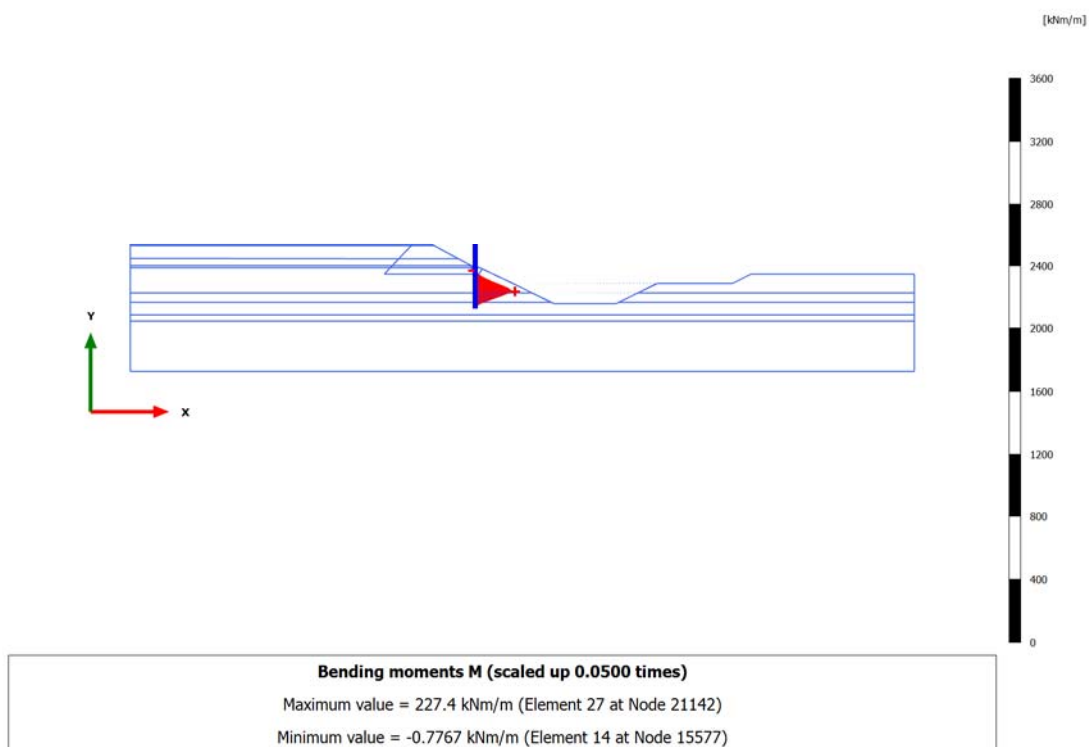
### 3.1.2.3.5 Calculation results, Plate, 1° scavo [Phase\_5] (23/66), Bending moments M



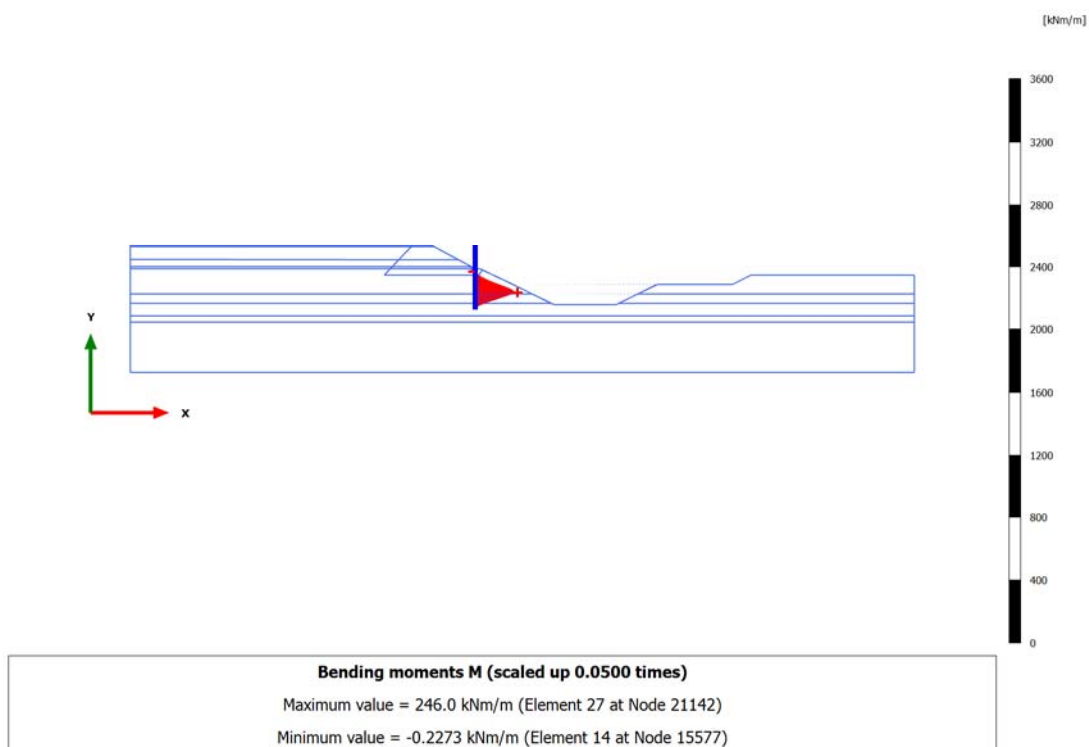
### 3.1.2.3.6 Calculation results, Plate, 2° scavo [Phase\_6] (24/73), Bending moments M



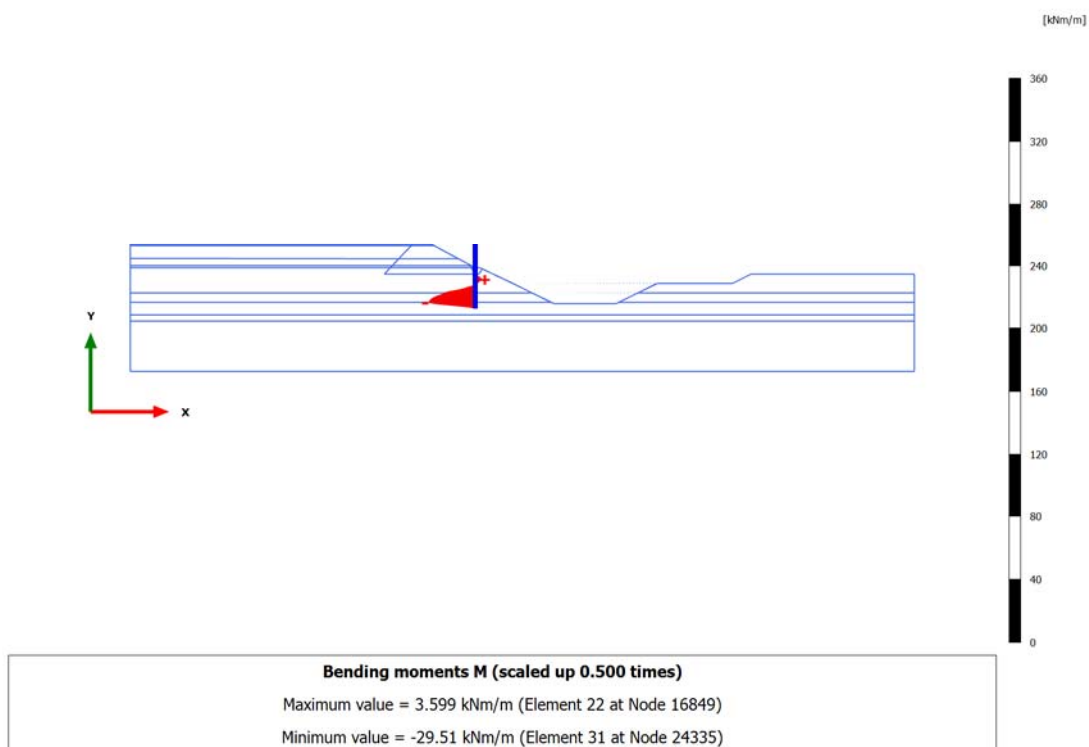
### 3.1.2.3.7 Calculation results, Plate, sovraccarico [Phase\_7] (25/85), Bending moments M



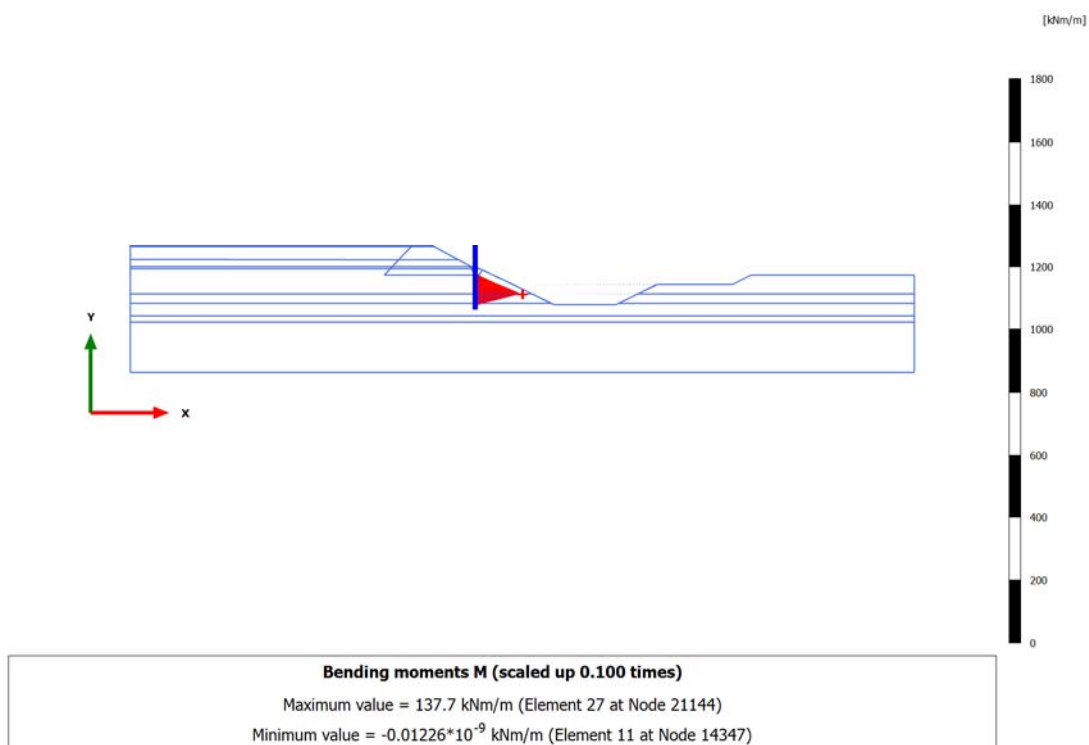
### 3.1.2.3.8 Calculation results, Plate, SLU A1 M1 R1 [Phase\_8] (26/90), Bending moments M



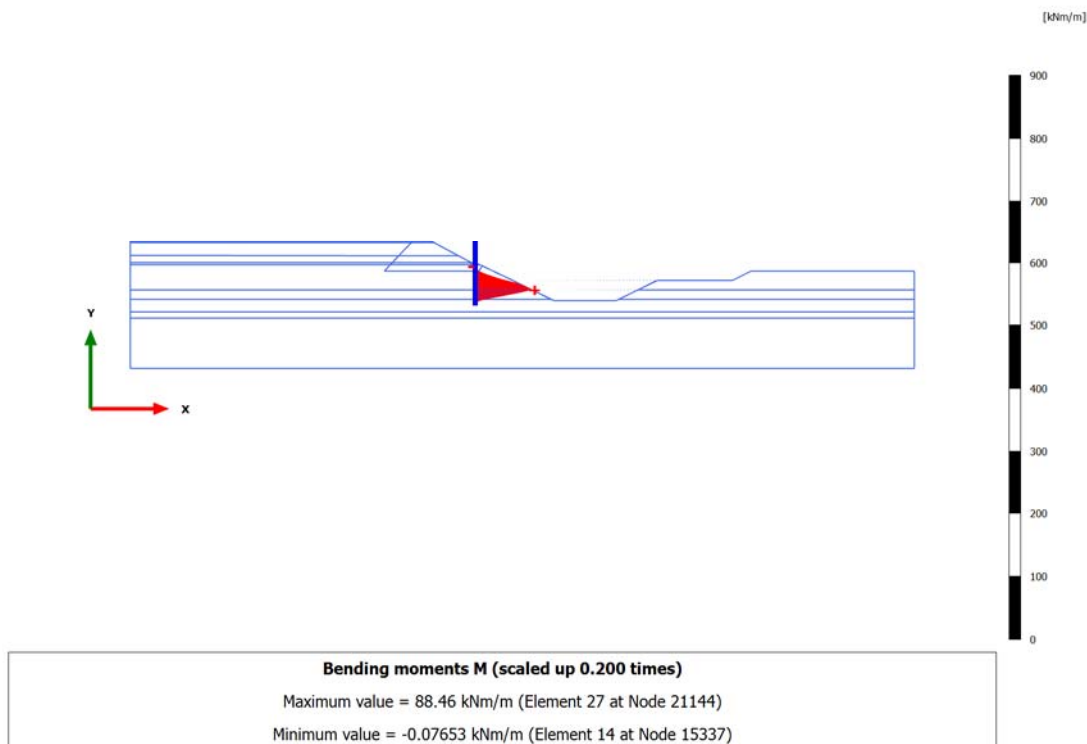
### 3.1.2.3.9 Calculation results, Plate, FS SLU A1 M1 R1 [Phase\_12] (30/190), Bending moments M



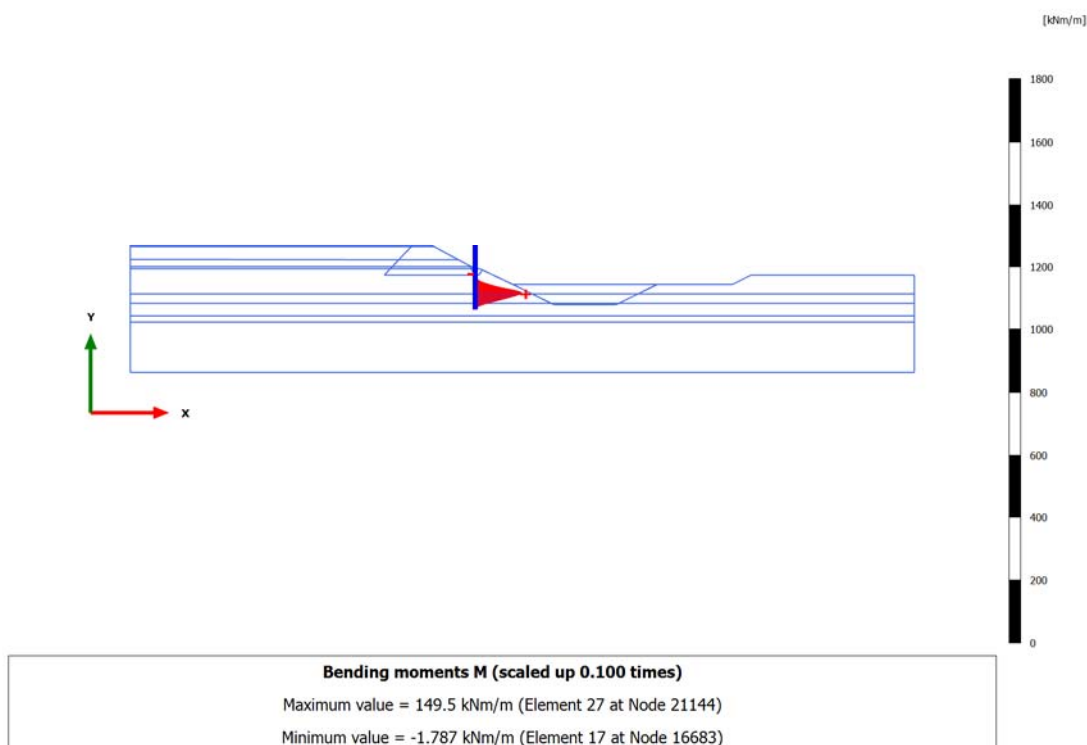
### 3.1.2.3.10 Calculation results, Plate, FS SLU A2 M2 R2 [Phase\_10] (28/290), Bending moments M



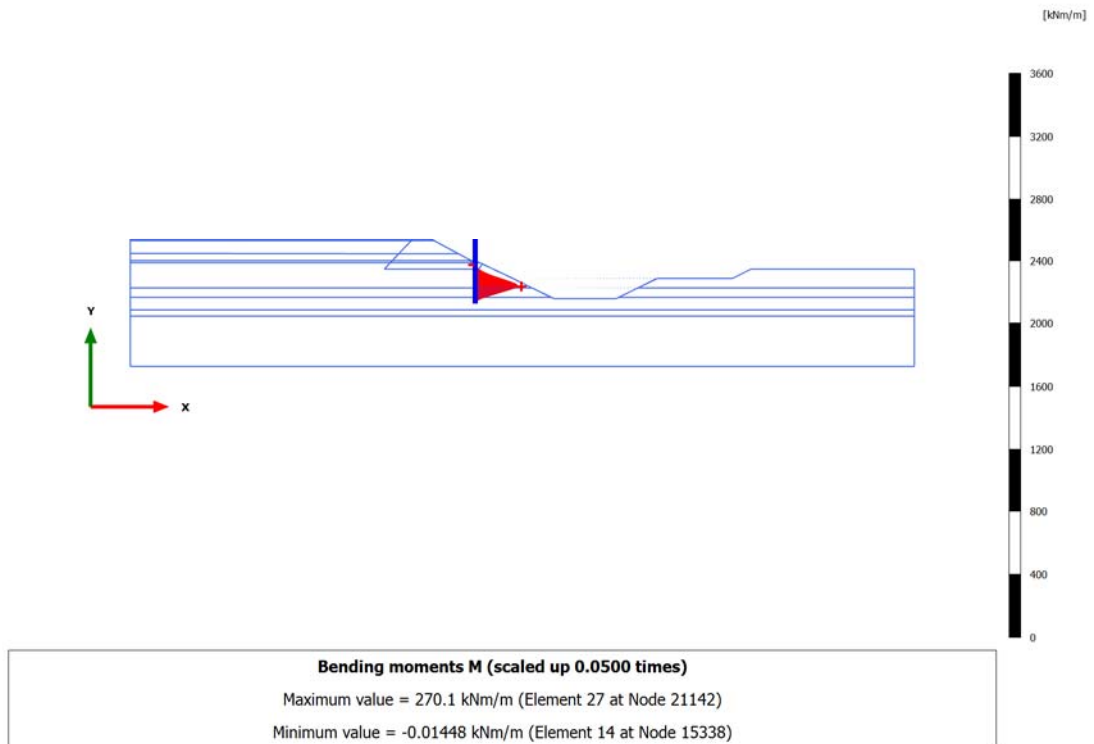
### 3.1.2.3.11 Calculation results, Plate, FS 2° scavo [Phase\_13] (31/390), Bending moments M



### 3.1.2.3.12 Calculation results, Plate, FS 1° scavo [Phase\_11] (29/490), Bending moments M



### 3.1.2.3.13 Calculation results, Plate, SLU A2 M2 R2 [Phase\_9] (27/508), Bending moments M



Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [10 <sup>-3</sup> kN/m]	N <sub>min</sub> [10 <sup>-3</sup> kN/m]	N <sub>max</sub> [10 <sup>-3</sup> kN/m]	Q [10 <sup>-3</sup> kN/m]	Q <sub>min</sub> [10 <sup>-3</sup> kN/m]	Q <sub>max</sub> [10 <sup>-3</sup> kN/m]	M [10 <sup>-3</sup> kNm/m]	M <sub>min</sub> [10 <sup>-15</sup> kNm/m]	M <sub>max</sub> [10 <sup>-3</sup> kNm/m]
Plate 1-1	10475	1	110.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-35.801	0.000
(psp 600+pzi 610)	10476	2	110.000	0.375	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-19.412	0.000
	10477	3	110.000	0.250	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-37.970	0.000
	10478	4	110.000	0.125	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-43.402	0.000
	10647	5	110.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-6.611	0.000
Plate 2-2	10647	1	110.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-17.518	0.000
(psp 600+pzi 610)	10648	2	110.000	-0.173	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-38.349	0.000
	10649	3	110.000	-0.346	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-36.559	0.000
	10650	4	110.000	-0.520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-35.167	0.000
	10671	5	110.000	-0.693	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-40.594	0.000
Plate 2-3	10671	1	110.000	-0.693	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-81.613	0.000
(psp 600+pzi 610)	10672	2	110.000	-0.864	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-68.961	0.000
	10673	3	110.000	-1.036	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-47.004	0.000
	10674	4	110.000	-1.207	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-80.443	0.000
	10963	5	110.000	-1.379	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-155.084	0.000
Plate 2-4	10963	1	110.000	-1.379	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-113.571	0.000
(psp 600+pzi 610)	10964	2	110.000	-1.549	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-118.296	0.000
	10965	3	110.000	-1.719	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-137.405	0.000
	10966	4	110.000	-1.889	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-164.636	0.000
	10977	5	110.000	-2.058	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-185.159	0.000
Plate 2-5	10977	1	110.000	-2.058	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-161.504	0.000
(psp 600+pzi 610)	10978	2	110.000	-2.227	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-177.734	0.000
	10979	3	110.000	-2.395	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-185.826	0.000
	10980	4	110.000	-2.563	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-206.308	0.000
	11973	5	110.000	-2.731	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-212.497	0.000
Plate 2-6	11973	1	110.000	-2.731	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-222.992	0.000
(psp 600+pzi 610)	11974	2	110.000	-2.898	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-264.912	0.000
	11975	3	110.000	-3.065	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-286.890	0.000

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [10 <sup>-3</sup> kN/m]	N <sub>min</sub> [10 <sup>-3</sup> kN/m]	N <sub>max</sub> [10 <sup>-3</sup> kN/m]	Q [10 <sup>-3</sup> kN/m]	Q <sub>min</sub> [10 <sup>-3</sup> kN/m]	Q <sub>max</sub> [10 <sup>-3</sup> kN/m]	M [10 <sup>-3</sup> kNm/m]	M <sub>min</sub> [10 <sup>-15</sup> kNm/m]	M <sub>max</sub> [10 <sup>-3</sup> kNm/m]
	11976	4	110.000	-3.231	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-315.648	0.000
	12761	5	110.000	-3.398	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-352.218	0.000
Plate 2-7	12761	1	110.000	-3.398	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-329.200	0.000
(psp 600+pzi 610)	12762	2	110.000	-3.563	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-334.909	0.000
	12763	3	110.000	-3.728	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-361.285	0.000
	12764	4	110.000	-3.893	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-379.229	0.000
	13039	5	110.000	-4.058	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-385.196	0.000
Plate 2-8	13039	1	110.000	-4.058	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-420.228	0.000
(psp 600+pzi 610)	13040	2	110.000	-4.221	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-435.859	0.000
	13041	3	110.000	-4.385	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-420.659	0.000
	13042	4	110.000	-4.548	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-420.023	0.000
	13879	5	110.000	-4.712	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-451.549	0.000
Plate 2-9	13879	1	110.000	-4.712	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-451.012	0.000
(psp 600+pzi 610)	13880	2	110.000	-4.873	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-422.773	0.000
	13881	3	110.000	-5.035	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-414.698	0.000
	13882	4	110.000	-5.197	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-424.740	0.000
	13983	5	110.000	-5.359	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-439.865	0.000
Plate 2-10	13983	1	110.000	-5.359	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-399.810	0.000
(psp 600+pzi 610)	13984	2	110.000	-5.519	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-341.797	0.000
	13985	3	110.000	-5.679	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-276.352	0.000
	13986	4	110.000	-5.840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-218.494	0.000
	14345	5	110.000	-6.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-165.573	0.000
Plate 3-11	14345	1	110.000	-6.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-131.272	0.000
(psp 600+pzi 610)	14346	2	110.000	-6.075	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-119.427	0.000
	14347	3	110.000	-6.150	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-119.999	0.000
	14348	4	110.000	-6.225	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-58.627	0.000
	14407	5	110.000	-6.300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Plate 4-12	14407	1	110.000	-6.300	0.002	-0.002	0.002	-0.098	-2.765	0.000	0.000	-23.008	0.000
(psp 600+pzi 610)	14408	2	110.000	-6.385	-1.164	-1.164	0.000	17.824	0.000	17.824	0.774	0.000	0.774
	14409	3	110.000	-6.470	-2.573	-2.573	0.000	32.991	0.000	32.991	2.956	0.000	2.956
	14410	4	110.000	-6.555	-4.221	-4.221	0.000	45.469	0.000	45.469	6.315	0.000	6.315
	14431	5	110.000	-6.640	-6.106	-6.106	0.000	55.327	0.000	55.327	10.622	0.000	10.622



Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [10 <sup>-3</sup> kN/m]	N <sub>min</sub> [10 <sup>-3</sup> kN/m]	N <sub>max</sub> [10 <sup>-3</sup> kN/m]	Q [10 <sup>-3</sup> kN/m]	Q <sub>min</sub> [10 <sup>-3</sup> kN/m]	Q <sub>max</sub> [10 <sup>-3</sup> kN/m]	M [10 <sup>-3</sup> kNm/m]	M <sub>min</sub> [10 <sup>-15</sup> kNm/m]	M <sub>max</sub> [10 <sup>-3</sup> kNm/m]
Plate 4-13	14431	1	110.000	-6.640	-6.120	-6.120	0.000	55.905	0.000	55.905	10.622	0.000	10.622
(psp 600+pzi 610)	14432	2	110.000	-6.730	-8.246	-8.246	0.000	64.554	0.000	64.554	16.045	0.000	16.045
	14433	3	110.000	-6.820	-10.607	-10.607	0.000	71.979	0.000	71.979	22.189	0.000	22.189
	14434	4	110.000	-6.910	-13.209	-13.209	0.000	78.379	0.000	78.379	28.957	0.000	28.957
	15335	5	110.000	-7.000	-16.058	-16.058	0.000	83.955	0.000	83.955	36.255	0.000	36.255
Plate 5-14	15335	1	110.000	-7.000	-9.875	-9.875	0.000	83.407	0.000	83.407	36.255	0.000	36.255
(psp 600+pzi 610)	15336	2	110.000	-7.097	-22.710	-22.710	0.000	97.116	0.000	97.116	44.991	0.000	44.991
	15337	3	110.000	-7.193	-15.125	-15.125	0.000	108.255	0.000	108.255	54.956	0.000	54.956
	15338	4	110.000	-7.290	9.532	0.000	9.532	115.762	0.000	115.762	65.810	0.000	65.810
	15577	5	110.000	-7.387	47.913	0.000	47.913	118.575	0.000	118.575	77.181	0.000	77.181
Plate 5-15	15577	1	110.000	-7.387	34.917	0.000	34.917	117.356	0.000	117.356	77.181	0.000	77.181
(psp 600+pzi 610)	15578	2	110.000	-7.485	65.856	0.000	65.856	106.556	0.000	106.556	88.191	0.000	88.191
	15579	3	110.000	-7.583	82.943	0.000	82.943	95.455	0.000	95.455	98.120	0.000	98.120
	15580	4	110.000	-7.682	86.144	0.000	86.144	84.475	0.000	84.475	106.968	0.000	106.968
	16271	5	110.000	-7.780	75.425	0.000	75.425	74.044	0.000	74.044	114.750	0.000	114.750
Plate 5-16	16271	1	110.000	-7.780	79.790	0.000	79.790	74.520	0.000	74.520	114.750	0.000	114.750
(psp 600+pzi 610)	16272	2	110.000	-7.880	76.217	0.000	76.217	66.527	0.000	66.527	121.790	0.000	121.790
	16273	3	110.000	-7.980	72.734	0.000	72.734	59.586	0.000	59.586	128.087	0.000	128.087
	16274	4	110.000	-8.080	69.338	0.000	69.338	53.659	0.000	53.659	133.740	0.000	133.740
	16681	5	110.000	-8.180	66.030	0.000	66.030	48.710	0.000	48.710	138.848	0.000	138.848
Plate 5-17	16681	1	110.000	-8.180	66.019	0.000	66.019	48.634	0.000	48.634	138.848	0.000	138.848
(psp 600+pzi 610)	16682	2	110.000	-8.281	62.710	0.000	62.710	44.434	0.000	44.434	143.571	0.000	143.571
	16683	3	110.000	-8.383	59.447	0.000	59.447	41.028	0.000	41.028	147.910	0.000	147.910
	16684	4	110.000	-8.485	56.232	0.000	56.232	38.403	0.000	38.403	151.941	0.000	151.941
	16722	5	110.000	-8.586	53.065	0.000	53.065	36.546	0.000	36.546	155.744	0.000	155.744
Plate 5-18	16722	1	110.000	-8.586	53.064	0.000	53.064	36.510	0.000	36.510	155.744	0.000	155.744
(psp 600+pzi 610)	16724	2	110.000	-8.690	49.890	0.000	49.890	35.304	0.000	35.304	159.449	0.000	159.449
	16725	3	110.000	-8.793	46.766	0.000	46.766	34.746	0.000	34.746	163.066	0.000	163.066
	16726	4	110.000	-8.897	43.693	0.000	43.693	34.826	0.000	34.826	166.657	0.000	166.657
	16723	5	110.000	-9.000	40.676	0.000	40.676	35.532	0.000	35.532	170.288	0.000	170.288
Plate 6-19	16723	1	110.000	-9.000	40.683	0.000	40.683	35.546	0.000	35.546	170.288	0.000	170.288
(psp 600+pzi 610)	16704	2	110.000	-9.110	36.621	0.000	36.621	33.437	0.000	33.437	174.076	0.000	174.076

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [10 <sup>-3</sup> kN/m]	N <sub>min</sub> [10 <sup>-3</sup> kN/m]	N <sub>max</sub> [10 <sup>-3</sup> kN/m]	Q [10 <sup>-3</sup> kN/m]	Q <sub>min</sub> [10 <sup>-3</sup> kN/m]	Q <sub>max</sub> [10 <sup>-3</sup> kN/m]	M [10 <sup>-3</sup> kNm/m]	M <sub>min</sub> [10 <sup>-15</sup> kNm/m]	M <sub>max</sub> [10 <sup>-3</sup> kNm/m]
	16705	3	110.000	-9.220	32.579	0.000	32.579	31.792	0.000	31.792	177.660	0.000	177.660
	16706	4	110.000	-9.330	28.560	0.000	28.560	30.619	0.000	30.619	181.088	0.000	181.088
	16801	5	110.000	-9.440	24.567	0.000	24.567	29.927	0.000	29.927	184.413	0.000	184.413
Plate 6-20	16801	1	110.000	-9.440	24.566	0.000	24.566	29.926	0.000	29.926	184.413	0.000	184.413
(psp 600+pzl 610)	16802	2	110.000	-9.561	20.193	0.000	20.193	29.756	0.000	29.756	188.020	0.000	188.020
	16803	3	110.000	-9.682	15.846	0.000	15.846	30.148	0.000	30.148	191.642	0.000	191.642
	16804	4	110.000	-9.803	11.529	0.000	11.529	31.094	0.000	31.094	195.345	0.000	195.345
	16831	5	110.000	-9.924	7.244	-2.227	7.244	32.590	0.000	32.590	199.195	0.000	199.195
Plate 6-21	16831	1	110.000	-9.924	7.244	-2.227	7.244	32.567	0.000	32.567	199.195	0.000	199.195
(psp 600+pzl 610)	16832	2	110.000	-10.058	2.563	-4.731	2.563	34.808	0.000	34.808	203.679	0.000	203.679
	16833	3	110.000	-10.191	-2.078	-7.208	0.000	37.605	0.000	37.605	208.502	0.000	208.502
	16834	4	110.000	-10.324	-6.675	-9.654	0.000	40.947	0.000	40.947	213.733	0.000	213.733
	16849	5	110.000	-10.458	-11.226	-12.070	0.000	44.824	0.000	44.824	219.444	0.000	219.444
Plate 6-22	16849	1	110.000	-10.458	-11.227	-12.070	0.000	44.788	0.000	44.788	219.444	0.000	219.444
(psp 600+pzl 610)	16850	2	110.000	-10.604	-16.183	-16.183	0.000	49.605	0.000	49.605	226.365	0.000	226.365
	16851	3	110.000	-10.751	-21.081	-21.081	0.000	54.892	0.000	54.892	234.032	0.000	234.032
	16852	4	110.000	-10.898	-25.915	-25.915	0.000	60.631	0.000	60.631	242.507	0.000	242.507
	17863	5	110.000	-11.045	-30.683	-30.683	0.000	66.805	0.000	66.805	251.854	0.000	251.854
Plate 6-23	17863	1	110.000	-11.045	-30.682	-30.682	0.000	66.742	0.000	66.742	251.854	0.000	251.854
(psp 600+pzl 610)	17864	2	110.000	-11.206	-35.852	-35.852	0.000	73.929	0.000	73.929	263.216	0.000	263.216
	17865	3	110.000	-11.368	-40.935	-40.935	0.000	81.341	0.000	81.341	275.765	0.000	275.765
	17866	4	110.000	-11.530	-45.926	-45.926	0.000	88.946	0.000	88.946	289.527	0.000	289.527
	18681	5	110.000	-11.691	-50.822	-50.822	0.000	96.712	0.000	96.712	304.526	0.000	304.526
Plate 6-24	18681	1	110.000	-11.691	-50.820	-50.820	0.000	96.589	0.000	96.589	304.526	0.000	304.526
(psp 600+pzl 610)	18682	2	110.000	-11.869	-56.094	-56.094	0.000	105.129	0.000	105.129	322.475	0.000	322.475
	18683	3	110.000	-12.047	-61.240	-61.240	0.000	113.282	0.000	113.282	341.921	0.000	341.921
	18684	4	110.000	-12.225	-66.251	-66.251	0.000	120.986	0.000	120.986	362.777	0.000	362.777
	18967	5	110.000	-12.403	-71.123	-71.123	0.000	128.183	0.000	128.183	384.951	0.000	384.951
Plate 6-25	18967	1	110.000	-12.403	-71.118	-71.118	0.000	127.914	0.000	127.914	384.951	0.000	384.951
(psp 600+pzl 610)	18968	2	110.000	-12.599	-76.314	-76.314	0.000	134.847	0.000	134.847	410.717	0.000	410.717
	18969	3	110.000	-12.795	-81.315	-81.315	0.000	139.879	0.000	139.879	437.673	0.000	437.673
	18970	4	110.000	-12.991	-86.116	-86.116	0.000	142.875	0.000	142.875	465.412	0.000	465.412

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [10 <sup>-3</sup> kN/m]	N <sub>min</sub> [10 <sup>-3</sup> kN/m]	N <sub>max</sub> [10 <sup>-3</sup> kN/m]	Q [10 <sup>-3</sup> kN/m]	Q <sub>min</sub> [10 <sup>-3</sup> kN/m]	Q <sub>max</sub> [10 <sup>-3</sup> kN/m]	M [10 <sup>-3</sup> kNm/m]	M <sub>min</sub> [10 <sup>-15</sup> kNm/m]	M <sub>max</sub> [10 <sup>-3</sup> kNm/m]
	20151	5	110.000	-13.187	-90.712	-90.712	0.000	143.699	0.000	143.699	493.518	0.000	493.518
Plate 6-26	20151	1	110.000	-13.187	-90.701	-90.701	0.000	143.014	0.000	143.014	493.518	0.000	493.518
(psp 600+pzi 610)	20152	2	110.000	-13.403	-95.506	-95.506	0.000	140.510	0.000	140.510	524.193	0.000	524.193
	20153	3	110.000	-13.618	-100.009	-100.009	0.000	132.124	0.000	132.124	553.725	0.000	553.725
	20154	4	110.000	-13.834	-104.204	-104.204	0.000	117.501	0.000	117.501	580.766	0.000	580.766
	21141	5	110.000	-14.050	-108.081	-108.081	0.000	96.285	0.000	96.285	603.945	0.000	603.945
Plate 6-27	21141	1	110.000	-14.050	-108.050	-108.050	0.000	93.591	0.000	93.591	603.945	0.000	603.945
(psp 600+pzi 610)	21142	2	110.000	-14.287	-111.925	-111.925	0.000	61.011	0.000	61.011	622.653	0.000	622.653
	21143	3	110.000	-14.525	-115.275	-115.275	0.000	8.957	0.000	8.957	631.406	0.000	631.406
	21144	4	110.000	-14.762	-118.085	-118.085	0.000	-64.299	-64.299	0.000	625.232	0.000	625.232
	21331	5	110.000	-15.000	-120.340	-120.340	0.000	-160.488	-160.488	0.000	599.027	0.000	599.027
Plate 7-28	21331	1	110.000	-15.000	-120.351	-120.351	0.000	-165.493	-165.493	0.000	599.027	0.000	599.027
(psp 600+pzi 610)	21332	2	110.000	-15.250	-120.256	-120.256	0.000	-170.310	-170.310	0.000	557.024	0.000	557.024
	21333	3	110.000	-15.500	-119.884	-119.884	0.000	-173.403	-173.403	0.000	514.017	0.000	514.017
	21334	4	110.000	-15.750	-119.240	-119.240	0.000	-174.870	-174.870	0.000	470.438	0.000	470.438
	22335	5	110.000	-16.000	-118.332	-118.332	0.000	-174.808	-174.808	0.000	426.708	0.000	426.708
Plate 7-29	22335	1	110.000	-16.000	-118.336	-118.336	0.000	-174.949	-174.949	0.000	426.708	0.000	426.708
(psp 600+pzi 610)	22336	2	110.000	-16.250	-117.180	-117.180	0.000	-173.904	-173.904	0.000	383.091	0.000	383.091
	22337	3	110.000	-16.500	-115.768	-115.768	0.000	-171.878	-171.878	0.000	339.838	0.000	339.838
	22338	4	110.000	-16.750	-114.101	-114.101	0.000	-168.889	-168.889	0.000	297.212	0.000	297.212
	23097	5	110.000	-17.000	-112.180	-112.180	0.000	-164.950	-164.950	0.000	255.473	0.000	255.473
Plate 7-30	23097	1	110.000	-17.000	-112.180	-112.180	0.000	-164.924	-164.924	0.000	255.473	0.000	255.473
(psp 600+pzi 610)	23098	2	110.000	-17.250	-110.001	-110.001	0.000	-160.149	-160.149	0.000	214.827	0.000	214.827
	23099	3	110.000	-17.500	-107.569	-107.569	0.000	-154.336	-154.336	0.000	175.485	0.000	175.485
	23100	4	110.000	-17.750	-104.887	-104.887	0.000	-147.455	-147.455	0.000	137.730	0.000	137.730
	24335	5	110.000	-18.000	-101.960	-101.960	0.000	-139.479	-139.479	0.000	101.848	0.000	101.848
Plate 8-31	24335	1	110.000	-18.000	-101.922	-101.922	0.000	-139.349	-139.349	0.000	101.848	0.000	101.848
(psp 600+pzi 610)	24338	2	110.000	-18.250	-91.176	-91.176	0.000	-109.195	-109.195	0.000	70.871	0.000	70.871
	24337	3	110.000	-18.500	-79.938	-79.938	0.000	-83.014	-83.014	0.000	46.921	0.000	46.921
	24336	4	110.000	-18.750	-68.206	-68.206	0.000	-60.723	-60.723	0.000	29.031	0.000	29.031
	24907	5	110.000	-19.000	-55.974	-55.974	0.000	-42.241	-42.241	0.000	16.241	0.000	16.241
Plate 8-32	24907	1	110.000	-19.000	-55.910	-55.910	0.000	-42.235	-42.235	0.000	16.241	0.000	16.241

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [10 <sup>-3</sup> kN/m]	N <sub>min</sub> [10 <sup>-3</sup> kN/m]	N <sub>max</sub> [10 <sup>-3</sup> kN/m]	Q [10 <sup>-3</sup> kN/m]	Q <sub>min</sub> [10 <sup>-3</sup> kN/m]	Q <sub>max</sub> [10 <sup>-3</sup> kN/m]	M [10 <sup>-3</sup> kNm/m]	M <sub>min</sub> [10 <sup>-15</sup> kNm/m]	M <sub>max</sub> [10 <sup>-3</sup> kNm/m]
(psp 600+pzi 610)	24908	2	110.000	-19.250	-43.117	-43.117	0.000	-26.462	-26.462	0.000	7.716	0.000	7.716
	24909	3	110.000	-19.500	-29.559	-29.559	0.000	-13.905	-13.905	0.000	2.747	0.000	2.747
	24910	4	110.000	-19.750	-15.222	-15.222	0.000	-4.853	-4.853	0.000	0.470	0.000	0.470
	24911	5	110.000	-20.000	-0.090	-0.090	0.000	0.407	0.000	0.407	0.000	-10.466	0.000

### 3.1.1.1.5 Calculation results, Plate, 1° scavo [Phase\_5] (23/66), Table of plate force envelopes

[illegible]



Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [10 <sup>-3</sup> kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [kNm/m]	M <sub>max</sub> [kNm/m]
	14407	5	110.000	-6.300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Plate 4-12	14407	1	110.000	-6.300	-0.010	-9.565	0.000	-0.022	-0.022	0.010	0.000	0.000	0.000
(psp 600+pzi 610)	14408	2	110.000	-6.385	0.009	-26.397	0.011	-0.065	-0.183	0.018	-0.002	-0.007	0.001
	14409	3	110.000	-6.470	-0.002	-59.019	0.003	-0.341	-0.460	0.033	-0.018	-0.033	0.003
	14410	4	110.000	-6.555	-0.052	-103.305	0.000	-0.804	-1.018	0.045	-0.065	-0.087	0.006
	14431	5	110.000	-6.640	-0.147	-186.190	0.000	-1.408	-1.791	0.055	-0.158	-0.202	0.011
Plate 4-13	14431	1	110.000	-6.640	-0.139	-178.133	0.000	-1.418	-1.762	0.056	-0.158	-0.202	0.011
(psp 600+pzi 610)	14432	2	110.000	-6.730	-0.287	-287.278	0.000	-2.463	-2.780	0.065	-0.332	-0.405	0.016
	14433	3	110.000	-6.820	-0.450	-449.515	0.000	-3.639	-4.010	0.072	-0.605	-0.708	0.022
	14434	4	110.000	-6.910	-0.623	-622.677	0.000	-4.913	-5.431	0.078	-0.989	-1.125	0.029
	15335	5	110.000	-7.000	-0.804	-803.972	0.000	-6.256	-7.008	0.084	-1.490	-1.681	0.036
Plate 5-14	15335	1	110.000	-7.000	-0.813	-846.526	0.000	-6.426	-7.092	0.083	-1.490	-1.681	0.036
(psp 600+pzi 610)	15336	2	110.000	-7.097	-0.678	-677.981	0.000	-7.808	-7.887	0.097	-2.185	-2.395	0.045
	15337	3	110.000	-7.193	-0.221	-221.029	0.326	-8.476	-8.476	0.108	-2.977	-3.146	0.055
	15338	4	110.000	-7.290	0.502	0.000	0.891	-8.514	-8.514	0.116	-3.804	-3.921	0.066
	15577	5	110.000	-7.387	1.434	0.000	1.470	-8.005	-8.005	0.119	-4.606	-4.659	0.077
Plate 5-15	15577	1	110.000	-7.387	1.358	0.000	1.458	-8.119	-8.119	0.117	-4.606	-4.659	0.077
(psp 600+pzi 610)	15578	2	110.000	-7.485	2.166	0.000	2.166	-7.285	-7.285	0.107	-5.364	-5.387	0.088
	15579	3	110.000	-7.583	2.954	0.000	2.954	-6.378	-6.378	0.095	-6.036	-6.036	0.098
	15580	4	110.000	-7.682	3.721	0.000	3.721	-5.417	-5.417	0.084	-6.616	-6.616	0.107
	16271	5	110.000	-7.780	4.469	0.000	4.469	-4.422	-4.422	0.146	-7.100	-7.100	0.115
Plate 5-16	16271	1	110.000	-7.780	4.474	0.000	4.474	-4.431	-4.431	0.153	-7.100	-7.100	0.115
(psp 600+pzi 610)	16272	2	110.000	-7.880	5.239	0.000	5.239	-3.384	-3.384	0.605	-7.490	-7.490	0.122
	16273	3	110.000	-7.980	5.999	0.000	5.999	-2.333	-2.333	1.070	-7.776	-7.776	0.128
	16274	4	110.000	-8.080	6.753	0.000	6.753	-1.282	-1.282	1.553	-7.957	-7.957	0.134
	16681	5	110.000	-8.180	7.500	0.000	7.500	-0.235	-0.235	2.088	-8.033	-8.033	0.139
Plate 5-17	16681	1	110.000	-8.180	7.500	0.000	7.500	-0.239	-0.239	2.093	-8.033	-8.033	0.139
(psp 600+pzi 610)	16682	2	110.000	-8.281	8.255	0.000	8.255	0.803	0.000	2.613	-8.004	-8.004	0.144
	16683	3	110.000	-8.383	9.004	0.000	9.004	1.825	0.000	3.116	-7.870	-7.870	0.148

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [10 <sup>-3</sup> kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [kNm/m]	M <sub>max</sub> [kNm/m]
	16684	4	110.000	-8.485	9.748	0.000	9.748	2.826	0.000	3.654	-7.633	-7.633	0.152
	16722	5	110.000	-8.586	10.486	0.000	10.486	3.806	0.000	4.186	-7.296	-7.296	0.156
Plate 5-18	16722	1	110.000	-8.586	10.485	0.000	10.485	3.806	0.000	4.188	-7.296	-7.296	0.156
(psp 600+pzi 610)	16724	2	110.000	-8.690	11.234	0.000	11.234	4.778	0.000	4.861	-6.852	-6.852	0.159
	16725	3	110.000	-8.793	11.974	0.000	11.974	5.727	0.000	5.727	-6.309	-6.309	0.163
	16726	4	110.000	-8.897	12.700	0.000	12.700	6.651	0.000	6.651	-5.669	-5.669	0.167
	16723	5	110.000	-9.000	13.409	0.000	13.409	7.552	0.000	7.552	-4.935	-4.935	0.170
Plate 6-19	16723	1	110.000	-9.000	13.395	0.000	13.395	7.556	0.000	7.556	-4.935	-4.935	0.170
(psp 600+pzi 610)	16704	2	110.000	-9.110	14.012	0.000	14.012	8.357	0.000	8.357	-4.060	-4.060	0.175
	16705	3	110.000	-9.220	14.601	0.000	14.601	9.141	0.000	9.141	-3.097	-3.097	0.770
	16706	4	110.000	-9.330	15.163	0.000	15.163	9.909	0.000	9.909	-2.049	-2.049	1.401
	16801	5	110.000	-9.440	15.694	0.000	15.694	10.660	0.000	10.660	-0.918	-0.918	2.189
Plate 6-20	16801	1	110.000	-9.440	15.691	0.000	15.691	10.663	0.000	10.663	-0.918	-0.918	2.189
(psp 600+pzi 610)	16802	2	110.000	-9.561	16.230	0.000	16.230	11.481	0.000	11.481	0.423	0.000	3.104
	16803	3	110.000	-9.682	16.734	0.000	16.734	12.294	0.000	12.294	1.862	0.000	4.067
	16804	4	110.000	-9.803	17.205	0.000	17.205	13.101	0.000	13.101	3.400	0.000	5.081
	16831	5	110.000	-9.924	17.641	-2.227	17.641	13.902	0.000	13.902	5.035	0.000	6.198
Plate 6-21	16831	1	110.000	-9.924	17.651	-2.227	17.651	13.903	0.000	13.903	5.035	0.000	6.198
(psp 600+pzi 610)	16832	2	110.000	-10.058	18.089	-4.731	18.089	14.782	0.000	14.782	6.947	0.000	7.533
	16833	3	110.000	-10.191	18.526	-7.208	18.526	15.658	0.000	15.658	8.977	0.000	9.046
	16834	4	110.000	-10.324	18.962	-9.654	18.962	16.532	0.000	16.532	11.123	0.000	11.123
	16849	5	110.000	-10.458	19.396	-12.070	19.396	17.402	0.000	17.402	13.385	0.000	13.385
Plate 6-22	16849	1	110.000	-10.458	19.396	-12.070	19.396	17.401	0.000	17.401	13.385	0.000	13.385
(psp 600+pzi 610)	16850	2	110.000	-10.604	19.873	-16.183	19.873	18.358	0.000	18.358	16.009	0.000	16.009
	16851	3	110.000	-10.751	20.346	-21.081	20.346	19.307	0.000	19.307	18.775	0.000	18.775
	16852	4	110.000	-10.898	20.814	-25.915	20.814	20.247	0.000	20.247	21.679	0.000	21.679
	17863	5	110.000	-11.045	21.278	-30.683	21.278	21.177	0.000	21.177	24.719	0.000	24.719
Plate 6-23	17863	1	110.000	-11.045	21.275	-30.682	21.275	21.171	0.000	21.171	24.719	0.000	24.719
(psp 600+pzi 610)	17864	2	110.000	-11.206	21.776	-35.852	21.776	22.176	0.000	22.176	28.221	0.000	28.221



Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [10 <sup>-3</sup> kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [kNm/m]	M <sub>max</sub> [kNm/m]
	17865	3	110.000	-11.368	22.258	-40.935	22.258	23.143	0.000	23.143	31.885	0.000	31.885
	17866	4	110.000	-11.530	22.720	-45.926	22.720	24.068	0.000	24.068	35.702	0.000	35.702
	18681	5	110.000	-11.691	23.158	-50.822	23.158	24.948	0.000	24.948	39.663	0.000	39.663
Plate 6-24	18681	1	110.000	-11.691	23.154	-50.820	23.154	24.933	0.000	24.933	39.663	0.000	39.663
(psp 600+pzl 610)	18682	2	110.000	-11.869	23.595	-56.094	23.595	25.828	0.000	25.828	44.181	0.000	44.181
	18683	3	110.000	-12.047	23.981	-61.240	23.981	26.595	0.000	26.595	48.848	0.000	48.848
	18684	4	110.000	-12.225	24.314	-66.251	24.314	27.225	0.000	27.225	53.640	0.000	53.640
	18967	5	110.000	-12.403	24.599	-71.123	24.599	27.711	0.000	27.711	58.530	0.000	58.530
Plate 6-25	18967	1	110.000	-12.403	24.603	-71.118	24.603	27.674	0.000	27.674	58.530	0.000	58.530
(psp 600+pzl 610)	18968	2	110.000	-12.599	24.910	-76.314	24.910	27.988	0.000	27.988	63.987	0.000	63.987
	18969	3	110.000	-12.795	25.169	-81.315	25.169	27.956	0.000	27.956	69.475	0.000	69.475
	18970	4	110.000	-12.991	25.377	-86.116	25.377	27.560	0.000	27.560	74.921	0.000	74.921
	20151	5	110.000	-13.187	25.533	-90.712	25.533	26.782	0.000	26.782	80.250	0.000	80.250
Plate 6-26	20151	1	110.000	-13.187	25.512	-90.701	25.512	26.688	0.000	26.688	80.250	0.000	80.250
(psp 600+pzl 610)	20152	2	110.000	-13.403	25.593	-95.506	25.593	25.255	0.000	25.255	85.868	0.000	85.868
	20153	3	110.000	-13.618	25.501	-100.009	25.501	22.893	0.000	22.893	91.081	0.000	91.081
	20154	4	110.000	-13.834	25.223	-104.204	25.223	19.548	0.000	19.548	95.677	0.000	95.677
	21141	5	110.000	-14.050	24.746	-108.081	24.746	15.168	0.000	15.211	99.440	0.000	99.440
Plate 6-27	21141	1	110.000	-14.050	24.599	-108.050	24.599	14.768	0.000	14.948	99.440	0.000	99.440
(psp 600+pzl 610)	21142	2	110.000	-14.287	23.871	-111.925	23.871	8.613	0.000	9.359	102.256	0.000	102.256
	21143	3	110.000	-14.525	22.943	-115.275	22.943	0.745	0.000	2.817	103.392	0.000	103.392
	21144	4	110.000	-14.762	21.960	-118.085	21.960	-8.571	-8.571	0.000	102.495	0.000	102.495
	21331	5	110.000	-15.000	21.069	-120.340	21.069	-19.072	-19.072	0.000	99.231	0.000	99.231
Plate 7-28	21331	1	110.000	-15.000	21.988	-120.351	21.988	-19.658	-19.658	0.000	99.231	0.000	99.231
(psp 600+pzl 610)	21332	2	110.000	-15.250	22.053	-120.256	22.053	-20.510	-20.510	0.000	94.210	0.000	94.210
	21333	3	110.000	-15.500	22.057	-119.884	22.057	-21.323	-21.323	0.000	88.979	0.000	88.979
	21334	4	110.000	-15.750	22.004	-119.240	22.004	-22.090	-22.090	0.000	83.550	0.000	83.550
	22335	5	110.000	-16.000	21.896	-118.332	21.896	-22.808	-22.808	0.000	77.938	0.000	77.938
Plate 7-29	22335	1	110.000	-16.000	21.898	-118.336	21.898	-22.798	-22.798	0.000	77.938	0.000	77.938

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [10 <sup>-3</sup> kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [kNm/m]	M <sub>max</sub> [kNm/m]
(psp 600+pzi 610)	22336	2	110.000	-16.250	21.742	-117.180	21.742	-23.452	-23.452	0.000	72.156	0.000	72.156
	22337	3	110.000	-16.500	21.534	-115.768	21.534	-24.015	-24.015	0.000	66.220	0.000	66.220
	22338	4	110.000	-16.750	21.275	-114.101	21.275	-24.483	-24.483	0.000	60.154	0.000	60.154
	23097	5	110.000	-17.000	20.963	-112.180	20.963	-24.850	-24.850	0.000	53.987	0.000	53.987
Plate 7-30	23097	1	110.000	-17.000	20.962	-112.180	20.962	-24.828	-24.828	0.000	53.987	0.000	53.987
(psp 600+pzi 610)	23098	2	110.000	-17.250	20.597	-110.001	20.597	-25.070	-25.070	0.000	47.747	0.000	47.747
	23099	3	110.000	-17.500	20.175	-107.569	20.175	-25.118	-25.118	0.000	41.467	0.000	41.467
	23100	4	110.000	-17.750	19.698	-104.887	19.698	-24.960	-24.960	0.000	35.202	0.000	35.202
	24335	5	110.000	-18.000	19.164	-101.960	19.164	-24.583	-24.583	0.000	29.006	0.000	29.006
Plate 8-31	24335	1	110.000	-18.000	19.154	-101.922	19.154	-24.541	-24.541	0.000	29.006	0.000	29.006
(psp 600+pzi 610)	24338	2	110.000	-18.250	17.145	-91.176	17.145	-22.401	-22.401	0.000	23.138	0.000	23.138
	24337	3	110.000	-18.500	15.040	-79.938	15.040	-20.179	-20.179	0.000	17.812	0.000	17.812
	24336	4	110.000	-18.750	12.838	-68.206	12.838	-17.862	-17.862	0.000	13.054	0.000	13.054
	24907	5	110.000	-19.000	10.539	-55.974	10.539	-15.438	-15.438	0.000	8.890	0.000	8.890
Plate 8-32	24907	1	110.000	-19.000	10.525	-55.910	10.525	-15.322	-15.322	0.000	8.890	0.000	8.890
(psp 600+pzi 610)	24908	2	110.000	-19.250	8.126	-43.117	8.126	-12.699	-12.699	0.000	5.376	0.000	5.376
	24909	3	110.000	-19.500	5.583	-29.559	5.583	-9.396	-9.396	0.000	2.596	0.000	2.596
	24910	4	110.000	-19.750	2.888	-15.222	2.888	-5.334	-5.334	0.000	0.740	0.000	0.740
	24911	5	110.000	-20.000	0.032	-0.090	0.032	-0.434	-0.434	0.000	0.000	0.000	0.000

[illegible]



Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [10 <sup>-3</sup> kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [kNm/m]	M <sub>max</sub> [kNm/m]
	14407	5	110.000	-6.300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Plate 4-12	14407	1	110.000	-6.300	-0.017	-17.016	0.000	-0.056	-0.056	0.010	0.000	0.000	0.000
(psp 600+pzi 610)	14408	2	110.000	-6.385	0.075	-26.397	0.075	0.128	-0.183	0.128	0.004	-0.007	0.004
	14409	3	110.000	-6.470	0.182	-59.019	0.182	0.200	-0.460	0.200	0.018	-0.033	0.018
	14410	4	110.000	-6.555	0.283	-103.305	0.283	0.177	-1.018	0.177	0.035	-0.087	0.035
	14431	5	110.000	-6.640	0.354	-186.190	0.354	0.075	-1.791	0.075	0.046	-0.202	0.046
Plate 4-13	14431	1	110.000	-6.640	0.352	-178.133	0.352	0.042	-1.762	0.056	0.046	-0.202	0.046
(psp 600+pzi 610)	14432	2	110.000	-6.730	0.342	-287.278	0.342	-0.519	-2.780	0.065	0.026	-0.405	0.026
	14433	3	110.000	-6.820	0.308	-449.515	0.308	-1.211	-4.010	0.072	-0.051	-0.708	0.022
	14434	4	110.000	-6.910	0.251	-622.677	0.251	-2.005	-5.431	0.078	-0.195	-1.125	0.029
	15335	5	110.000	-7.000	0.176	-803.972	0.176	-2.870	-7.008	0.084	-0.413	-1.681	0.036
Plate 5-14	15335	1	110.000	-7.000	0.180	-846.526	0.180	-3.041	-7.092	0.083	-0.413	-1.681	0.036
(psp 600+pzi 610)	15336	2	110.000	-7.097	0.379	-677.981	0.379	-3.981	-7.887	0.097	-0.759	-2.395	0.045
	15337	3	110.000	-7.193	0.912	-221.029	0.912	-4.231	-8.476	0.108	-1.160	-3.146	0.055
	15338	4	110.000	-7.290	1.750	0.000	1.750	-3.874	-8.514	0.116	-1.558	-3.921	0.066
	15577	5	110.000	-7.387	2.861	0.000	2.861	-2.993	-8.005	0.119	-1.893	-4.659	0.077
Plate 5-15	15577	1	110.000	-7.387	2.744	0.000	2.744	-3.112	-8.119	0.117	-1.893	-4.659	0.077
(psp 600+pzi 610)	15578	2	110.000	-7.485	3.948	0.000	3.948	-1.882	-7.285	0.107	-2.139	-5.387	0.088
	15579	3	110.000	-7.583	5.073	0.000	5.073	-0.611	-6.378	0.095	-2.261	-6.036	0.098
	15580	4	110.000	-7.682	6.143	0.000	6.143	0.682	-5.417	0.682	-2.258	-6.616	0.107
	16271	5	110.000	-7.780	7.181	0.000	7.181	1.977	-4.422	1.977	-2.127	-7.100	0.115
Plate 5-16	16271	1	110.000	-7.780	7.154	0.000	7.154	1.971	-4.431	1.971	-2.127	-7.100	0.115
(psp 600+pzi 610)	16272	2	110.000	-7.880	8.163	0.000	8.163	3.299	-3.384	3.299	-1.864	-7.490	0.122
	16273	3	110.000	-7.980	9.081	0.000	9.081	4.612	-2.333	4.612	-1.468	-7.776	0.128
	16274	4	110.000	-8.080	9.931	0.000	9.931	5.907	-1.282	5.907	-0.942	-7.957	0.134
	16681	5	110.000	-8.180	10.736	0.000	10.736	7.181	-0.235	7.181	-0.288	-8.033	0.139
Plate 5-17	16681	1	110.000	-8.180	10.736	0.000	10.736	7.178	-0.239	7.178	-0.288	-8.033	0.139
(psp 600+pzi 610)	16682	2	110.000	-8.281	11.561	0.000	11.561	8.434	0.000	8.434	0.506	-8.004	0.506
	16683	3	110.000	-8.383	12.342	0.000	12.342	9.652	0.000	9.652	1.426	-7.870	1.426

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [10 <sup>-3</sup> kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [kNm/m]	M <sub>max</sub> [kNm/m]
	16684	4	110.000	-8.485	13.075	0.000	13.104	10.830	0.000	10.830	2.467	-7.633	2.467
	16722	5	110.000	-8.586	13.756	0.000	13.867	11.967	0.000	11.967	3.626	-7.296	3.626
Plate 5-18	16722	1	110.000	-8.586	13.753	0.000	13.865	11.967	0.000	11.967	3.626	-7.296	3.626
(psp 600+pzl 610)	16724	2	110.000	-8.690	14.381	0.000	14.586	13.081	0.000	13.081	4.921	-6.852	4.921
	16725	3	110.000	-8.793	14.946	0.000	15.257	14.152	0.000	14.152	6.329	-6.309	6.329
	16726	4	110.000	-8.897	15.447	0.000	15.875	15.181	0.000	15.181	7.846	-5.669	7.846
	16723	5	110.000	-9.000	15.880	0.000	16.460	16.165	0.000	16.165	9.467	-4.935	9.467
Plate 6-19	16723	1	110.000	-9.000	15.875	0.000	16.455	16.168	0.000	16.168	9.467	-4.935	9.467
(psp 600+pzl 610)	16704	2	110.000	-9.110	16.357	0.000	16.976	17.139	0.000	17.139	11.298	-4.060	11.298
	16705	3	110.000	-9.220	16.824	0.000	17.464	18.079	0.000	18.079	13.236	-3.097	13.236
	16706	4	110.000	-9.330	17.276	0.000	17.920	18.989	0.000	18.989	15.275	-2.049	15.275
	16801	5	110.000	-9.440	17.713	0.000	18.342	19.868	0.000	19.868	17.411	-0.918	17.411
Plate 6-20	16801	1	110.000	-9.440	17.713	0.000	18.345	19.868	0.000	19.868	17.411	-0.918	17.411
(psp 600+pzl 610)	16802	2	110.000	-9.561	18.176	0.000	18.795	20.801	0.000	20.801	19.874	0.000	19.874
	16803	3	110.000	-9.682	18.622	0.000	19.247	21.699	0.000	21.699	22.448	0.000	22.448
	16804	4	110.000	-9.803	19.049	0.000	19.728	22.562	0.000	22.562	25.129	0.000	25.129
	16831	5	110.000	-9.924	19.458	-2.227	20.206	23.388	0.000	23.388	27.911	0.000	27.911
Plate 6-21	16831	1	110.000	-9.924	19.459	-2.227	20.206	23.389	0.000	23.389	27.911	0.000	27.911
(psp 600+pzl 610)	16832	2	110.000	-10.058	19.888	-4.731	20.731	24.258	0.000	24.258	31.087	0.000	31.087
	16833	3	110.000	-10.191	20.296	-7.208	21.251	25.085	0.000	25.085	34.377	0.000	34.377
	16834	4	110.000	-10.324	20.683	-9.654	21.766	25.870	0.000	25.870	37.776	0.000	37.776
	16849	5	110.000	-10.458	21.049	-12.070	22.276	26.613	0.000	26.613	41.274	0.000	41.274
Plate 6-22	16849	1	110.000	-10.458	21.048	-12.070	22.274	26.612	0.000	26.612	41.274	0.000	41.274
(psp 600+pzl 610)	16850	2	110.000	-10.604	21.428	-16.183	22.826	27.386	0.000	27.386	45.237	0.000	45.237
	16851	3	110.000	-10.751	21.780	-21.081	23.361	28.105	0.000	28.105	49.312	0.000	49.312
	16852	4	110.000	-10.898	22.105	-25.915	23.876	28.767	0.000	28.767	53.488	0.000	53.488
	17863	5	110.000	-11.045	22.401	-30.683	24.369	29.372	0.000	29.372	57.755	0.000	57.755
Plate 6-23	17863	1	110.000	-11.045	22.399	-30.682	24.363	29.367	0.000	29.367	57.755	0.000	57.755
(psp 600+pzl 610)	17864	2	110.000	-11.206	22.686	-35.852	24.873	29.952	0.000	29.952	62.549	0.000	62.549

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [10 <sup>-3</sup> kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [kNm/m]	M <sub>max</sub> [kNm/m]
	17865	3	110.000	-11.368	22.926	-40.935	25.326	30.441	0.000	30.533	67.432	0.000	67.432
	17866	4	110.000	-11.530	23.117	-45.926	25.720	30.833	0.000	31.000	72.387	0.000	72.387
	18681	5	110.000	-11.691	23.260	-50.822	26.124	31.126	0.000	31.351	77.394	0.000	77.394
Plate 6-24	18681	1	110.000	-11.691	23.246	-50.820	26.112	31.097	0.000	31.333	77.394	0.000	77.394
(psp 600+pzl 610)	18682	2	110.000	-11.869	23.360	-56.094	26.543	31.334	0.000	31.598	82.951	0.000	82.951
	18683	3	110.000	-12.047	23.361	-61.240	26.877	31.343	0.000	31.658	88.533	0.000	88.533
	18684	4	110.000	-12.225	23.239	-66.251	27.107	31.104	0.000	31.594	94.094	0.000	94.094
	18967	5	110.000	-12.403	22.983	-71.123	27.229	30.599	0.000	31.379	99.588	0.000	99.588
Plate 6-25	18967	1	110.000	-12.403	22.964	-71.118	27.209	30.558	0.000	31.351	99.588	0.000	99.588
(psp 600+pzl 610)	18968	2	110.000	-12.599	22.524	-76.314	27.160	29.684	0.000	30.804	105.496	0.000	105.496
	18969	3	110.000	-12.795	21.897	-81.315	26.866	28.430	0.000	30.184	111.194	0.000	111.194
	18970	4	110.000	-12.991	21.122	-86.116	26.327	26.878	0.000	29.046	116.620	0.000	116.620
	20151	5	110.000	-13.187	20.239	-90.712	25.896	25.110	0.000	27.514	121.714	0.000	121.714
Plate 6-26	20151	1	110.000	-13.187	20.394	-90.701	25.903	25.182	0.000	27.480	121.714	0.000	121.714
(psp 600+pzl 610)	20152	2	110.000	-13.403	18.955	-95.506	25.710	22.700	0.000	25.465	126.895	0.000	126.895
	20153	3	110.000	-13.618	17.493	-100.009	25.503	19.399	0.000	22.960	131.448	0.000	131.448
	20154	4	110.000	-13.834	16.095	-104.204	25.223	15.407	0.000	19.548	135.217	0.000	135.217
	21141	5	110.000	-14.050	14.851	-108.081	24.746	10.851	0.000	15.211	138.057	0.000	138.057
Plate 6-27	21141	1	110.000	-14.050	14.455	-108.050	24.599	9.907	0.000	14.948	138.057	0.000	138.057
(psp 600+pzl 610)	21142	2	110.000	-14.287	13.309	-111.925	23.871	4.097	0.000	9.359	139.753	0.000	139.753
	21143	3	110.000	-14.525	12.107	-115.275	22.943	-3.612	-3.612	2.817	139.855	0.000	139.855
	21144	4	110.000	-14.762	10.769	-118.085	21.960	-13.422	-13.422	0.000	137.871	0.000	137.871
	21331	5	110.000	-15.000	9.219	-120.340	21.069	-25.538	-25.538	0.000	133.294	0.000	133.294
Plate 7-28	21331	1	110.000	-15.000	10.260	-120.351	21.988	-26.401	-26.401	0.000	133.294	0.000	133.294
(psp 600+pzl 610)	21332	2	110.000	-15.250	10.722	-120.256	22.053	-27.669	-27.669	0.000	126.537	0.000	126.537
	21333	3	110.000	-15.500	11.103	-119.884	22.057	-28.911	-28.911	0.000	119.461	0.000	119.461
	21334	4	110.000	-15.750	11.405	-119.240	22.004	-30.107	-30.107	0.000	112.082	0.000	112.082
	22335	5	110.000	-16.000	11.634	-118.332	21.896	-31.233	-31.233	0.000	104.414	0.000	104.414
Plate 7-29	22335	1	110.000	-16.000	11.638	-118.336	21.898	-31.215	-31.215	0.000	104.414	0.000	104.414

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [10 <sup>-3</sup> kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [kNm/m]	M <sub>max</sub> [kNm/m]
(psp 600+pzi 610)	22336	2	110.000	-16.250	11.808	-117.180	21.742	-32.214	-32.214	0.000	96.484	0.000	96.484
	22337	3	110.000	-16.500	11.917	-115.768	21.534	-33.056	-33.056	0.000	88.320	0.000	88.320
	22338	4	110.000	-16.750	11.965	-114.101	21.275	-33.734	-33.734	0.000	79.967	0.000	79.967
	23097	5	110.000	-17.000	11.952	-112.180	20.963	-34.243	-34.243	0.000	71.468	0.000	71.468
Plate 7-30	23097	1	110.000	-17.000	11.952	-112.180	20.962	-34.212	-34.212	0.000	71.468	0.000	71.468
(psp 600+pzi 610)	23098	2	110.000	-17.250	11.879	-110.001	20.597	-34.525	-34.525	0.000	62.872	0.000	62.872
	23099	3	110.000	-17.500	11.743	-107.569	20.175	-34.538	-34.538	0.000	54.230	0.000	54.230
	23100	4	110.000	-17.750	11.546	-104.887	19.698	-34.229	-34.229	0.000	45.626	0.000	45.626
	24335	5	110.000	-18.000	11.286	-101.960	19.164	-33.580	-33.580	0.000	37.144	0.000	37.144
Plate 8-31	24335	1	110.000	-18.000	11.279	-101.922	19.154	-33.519	-33.519	0.000	37.144	0.000	37.144
(psp 600+pzi 610)	24338	2	110.000	-18.250	10.197	-91.176	17.145	-29.855	-29.855	0.000	29.226	0.000	29.226
	24337	3	110.000	-18.500	9.028	-79.938	15.040	-26.280	-26.280	0.000	22.209	0.000	22.209
	24336	4	110.000	-18.750	7.772	-68.206	12.838	-22.772	-22.772	0.000	16.078	0.000	16.078
	24907	5	110.000	-19.000	6.429	-55.974	10.539	-19.311	-19.311	0.000	10.819	0.000	10.819
Plate 8-32	24907	1	110.000	-19.000	6.421	-55.910	10.525	-19.174	-19.174	0.000	10.819	0.000	10.819
(psp 600+pzi 610)	24908	2	110.000	-19.250	4.997	-43.117	8.126	-15.580	-15.580	0.000	6.463	0.000	6.463
	24909	3	110.000	-19.500	3.462	-29.559	5.583	-11.315	-11.315	0.000	3.084	0.000	3.084
	24910	4	110.000	-19.750	1.808	-15.222	2.888	-6.306	-6.306	0.000	0.866	0.000	0.866
	24911	5	110.000	-20.000	0.028	-0.090	0.032	-0.480	-0.480	0.000	0.000	0.000	0.000



[illegible]



Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [10 <sup>-3</sup> kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [kNm/m]	M <sub>max</sub> [kNm/m]
	14407	5	110.000	-6.300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Plate 4-12	14407	1	110.000	-6.300	0.005	-18.283	0.005	0.005	-0.066	0.010	0.000	0.000	0.000
(psp 600+pzi 610)	14408	2	110.000	-6.385	0.011	-26.397	0.075	0.018	-0.183	0.128	0.000	-0.007	0.004
	14409	3	110.000	-6.470	0.061	-59.019	0.182	0.092	-0.460	0.200	0.005	-0.033	0.018
	14410	4	110.000	-6.555	0.131	-103.305	0.283	0.210	-1.018	0.232	0.017	-0.087	0.035
	14431	5	110.000	-6.640	0.197	-186.190	0.354	0.354	-1.791	0.367	0.041	-0.202	0.046
Plate 4-13	14431	1	110.000	-6.640	0.187	-178.133	0.352	0.302	-1.762	0.311	0.041	-0.202	0.046
(psp 600+pzi 610)	14432	2	110.000	-6.730	0.165	-287.278	0.342	0.035	-2.780	0.065	0.057	-0.405	0.059
	14433	3	110.000	-6.820	0.130	-449.515	0.308	-0.345	-4.010	0.072	0.044	-0.708	0.044
	14434	4	110.000	-6.910	0.084	-622.677	0.251	-0.811	-5.431	0.078	-0.007	-1.125	0.029
	15335	5	110.000	-7.000	0.031	-803.972	0.176	-1.336	-7.008	0.084	-0.104	-1.681	0.036
Plate 5-14	15335	1	110.000	-7.000	0.033	-846.526	0.180	-1.518	-7.092	0.083	-0.104	-1.681	0.036
(psp 600+pzi 610)	15336	2	110.000	-7.097	0.238	-677.981	0.379	-2.184	-7.887	0.097	-0.289	-2.395	0.045
	15337	3	110.000	-7.193	0.784	-221.029	0.912	-2.151	-8.476	0.108	-0.503	-3.146	0.055
	15338	4	110.000	-7.290	1.641	0.000	1.750	-1.503	-8.514	0.116	-0.685	-3.921	0.066
	15577	5	110.000	-7.387	2.780	0.000	2.861	-0.324	-8.005	0.119	-0.777	-4.659	0.077
Plate 5-15	15577	1	110.000	-7.387	2.664	0.000	2.744	-0.443	-8.119	0.117	-0.777	-4.659	0.077
(psp 600+pzi 610)	15578	2	110.000	-7.485	3.906	0.000	3.948	1.095	-7.285	1.095	-0.745	-5.387	0.088
	15579	3	110.000	-7.583	5.081	0.000	5.081	2.678	-6.378	2.678	-0.560	-6.036	0.098
	15580	4	110.000	-7.682	6.212	0.000	6.212	4.287	-5.417	4.287	-0.218	-6.616	0.107
	16271	5	110.000	-7.780	7.321	0.000	7.321	5.901	-4.422	5.901	0.283	-7.100	0.283
Plate 5-16	16271	1	110.000	-7.780	7.294	0.000	7.294	5.895	-4.431	5.895	0.283	-7.100	0.283
(psp 600+pzi 610)	16272	2	110.000	-7.880	8.386	0.000	8.386	7.550	-3.384	7.550	0.955	-7.490	0.955
	16273	3	110.000	-7.980	9.399	0.000	9.399	9.194	-2.333	9.194	1.792	-7.776	1.792
	16274	4	110.000	-8.080	10.354	0.000	10.354	10.822	-1.282	10.822	2.793	-7.957	2.793
	16681	5	110.000	-8.180	11.276	0.000	11.276	12.430	-0.235	12.430	3.955	-8.033	3.955
Plate 5-17	16681	1	110.000	-8.180	11.276	0.000	11.276	12.427	-0.239	12.427	3.955	-8.033	3.955
(psp 600+pzi 610)	16682	2	110.000	-8.281	12.231	0.000	12.231	14.026	0.000	14.026	5.300	-8.004	5.300
	16683	3	110.000	-8.383	13.154	0.000	13.154	15.590	0.000	15.590	6.806	-7.870	6.806

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [10 <sup>-3</sup> kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [kNm/m]	M <sub>max</sub> [kNm/m]
	16684	4	110.000	-8.485	14.041	0.000	14.041	17.116	0.000	17.116	8.469	-7.633	8.469
	16722	5	110.000	-8.586	14.886	0.000	14.886	18.603	0.000	18.603	10.285	-7.296	10.285
Plate 5-18	16722	1	110.000	-8.586	14.883	0.000	14.883	18.603	0.000	18.603	10.285	-7.296	10.285
(psp 600+pzl 610)	16724	2	110.000	-8.690	15.690	0.000	15.690	20.077	0.000	20.077	12.284	-6.852	12.284
	16725	3	110.000	-8.793	16.445	0.000	16.445	21.511	0.000	21.511	14.435	-6.309	14.435
	16726	4	110.000	-8.897	17.146	0.000	17.146	22.904	0.000	22.904	16.731	-5.669	16.731
	16723	5	110.000	-9.000	17.791	0.000	17.791	24.257	0.000	24.257	19.169	-4.935	19.169
Plate 6-19	16723	1	110.000	-9.000	17.784	0.000	17.784	24.261	0.000	24.261	19.169	-4.935	19.169
(psp 600+pzl 610)	16704	2	110.000	-9.110	18.517	0.000	18.517	25.637	0.000	25.637	21.912	-4.060	21.912
	16705	3	110.000	-9.220	19.239	0.000	19.239	26.986	0.000	26.986	24.807	-3.097	24.807
	16706	4	110.000	-9.330	19.948	0.000	19.948	28.310	0.000	28.310	27.849	-2.049	27.849
	16801	5	110.000	-9.440	20.641	0.000	20.641	29.605	0.000	29.605	31.033	-0.918	31.033
Plate 6-20	16801	1	110.000	-9.440	20.640	0.000	20.640	29.605	0.000	29.605	31.033	-0.918	31.033
(psp 600+pzl 610)	16802	2	110.000	-9.561	21.379	0.000	21.379	31.001	0.000	31.001	34.702	0.000	34.702
	16803	3	110.000	-9.682	22.096	0.000	22.096	32.367	0.000	32.367	38.540	0.000	38.540
	16804	4	110.000	-9.803	22.791	0.000	22.791	33.703	0.000	33.703	42.542	0.000	42.542
	16831	5	110.000	-9.924	23.463	-2.227	23.463	35.007	0.000	35.007	46.702	0.000	46.702
Plate 6-21	16831	1	110.000	-9.924	23.463	-2.227	23.463	35.007	0.000	35.007	46.702	0.000	46.702
(psp 600+pzl 610)	16832	2	110.000	-10.058	24.177	-4.731	24.177	36.408	0.000	36.408	51.462	0.000	51.462
	16833	3	110.000	-10.191	24.864	-7.208	24.864	37.772	0.000	37.772	56.409	0.000	56.409
	16834	4	110.000	-10.324	25.524	-9.654	25.524	39.097	0.000	39.097	61.535	0.000	61.535
	16849	5	110.000	-10.458	26.155	-12.070	26.155	40.383	0.000	40.383	66.832	0.000	66.832
Plate 6-22	16849	1	110.000	-10.458	26.154	-12.070	26.154	40.381	0.000	40.381	66.832	0.000	66.832
(psp 600+pzl 610)	16850	2	110.000	-10.604	26.819	-16.183	26.819	41.753	0.000	41.753	72.860	0.000	72.860
	16851	3	110.000	-10.751	27.447	-21.081	27.447	43.065	0.000	43.065	79.088	0.000	79.088
	16852	4	110.000	-10.898	28.038	-25.915	28.038	44.315	0.000	44.315	85.504	0.000	85.504
	17863	5	110.000	-11.045	28.590	-30.683	28.590	45.498	0.000	45.498	92.096	0.000	92.096
Plate 6-23	17863	1	110.000	-11.045	28.588	-30.682	28.588	45.489	0.000	45.489	92.096	0.000	92.096
(psp 600+pzl 610)	17864	2	110.000	-11.206	29.144	-35.852	29.144	46.695	0.000	46.695	99.546	0.000	99.546

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [10 <sup>-3</sup> kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [kNm/m]	M <sub>max</sub> [kNm/m]
	17865	3	110.000	-11.368	29.640	-40.935	29.640	47.772	0.000	47.772	107.184	0.000	107.184
	17866	4	110.000	-11.530	30.075	-45.926	30.075	48.717	0.000	48.717	114.985	0.000	114.985
	18681	5	110.000	-11.691	30.447	-50.822	30.447	49.525	0.000	49.525	122.924	0.000	122.924
Plate 6-24	18681	1	110.000	-11.691	30.432	-50.820	30.432	49.484	0.000	49.484	122.924	0.000	122.924
(psp 600+pzi 610)	18682	2	110.000	-11.869	30.783	-56.094	30.783	50.227	0.000	50.227	131.799	0.000	131.799
	18683	3	110.000	-12.047	31.003	-61.240	31.003	50.638	0.000	50.638	140.782	0.000	140.782
	18684	4	110.000	-12.225	31.081	-66.251	31.081	50.692	0.000	50.692	149.805	0.000	149.805
	18967	5	110.000	-12.403	31.009	-71.123	31.009	50.364	0.000	50.364	158.801	0.000	158.801
Plate 6-25	18967	1	110.000	-12.403	30.988	-71.118	30.988	50.293	0.000	50.293	158.801	0.000	158.801
(psp 600+pzi 610)	18968	2	110.000	-12.599	30.728	-76.314	30.728	49.440	0.000	49.440	168.582	0.000	168.582
	18969	3	110.000	-12.795	30.255	-81.315	30.255	47.925	0.000	47.925	178.131	0.000	178.131
	18970	4	110.000	-12.991	29.610	-86.116	29.610	45.820	0.000	45.820	187.328	0.000	187.328
	20151	5	110.000	-13.187	28.832	-90.712	28.832	43.194	0.000	43.194	196.054	0.000	196.054
Plate 6-26	20151	1	110.000	-13.187	28.970	-90.701	28.970	43.191	0.000	43.191	196.054	0.000	196.054
(psp 600+pzi 610)	20152	2	110.000	-13.403	27.657	-95.506	27.657	39.324	0.000	39.324	204.982	0.000	204.982
	20153	3	110.000	-13.618	26.234	-100.009	26.234	33.892	0.000	33.892	212.907	0.000	212.907
	20154	4	110.000	-13.834	24.751	-104.204	25.223	26.983	0.000	26.983	219.503	0.000	219.503
	21141	5	110.000	-14.050	23.258	-108.081	24.746	18.686	0.000	18.686	224.451	0.000	224.451
Plate 6-27	21141	1	110.000	-14.050	22.746	-108.050	24.599	17.438	0.000	17.438	224.451	0.000	224.451
(psp 600+pzi 610)	21142	2	110.000	-14.287	21.083	-111.925	23.871	6.591	0.000	9.359	227.374	0.000	227.374
	21143	3	110.000	-14.525	19.031	-115.275	22.943	-7.767	-7.767	2.817	227.303	0.000	227.303
	21144	4	110.000	-14.762	16.646	-118.085	21.960	-25.630	-25.630	0.000	223.406	0.000	223.406
	21331	5	110.000	-15.000	13.983	-120.340	21.069	-46.992	-46.992	0.000	214.852	0.000	214.852
Plate 7-28	21331	1	110.000	-15.000	15.014	-120.351	21.988	-47.981	-47.981	0.000	214.852	0.000	214.852
(psp 600+pzi 610)	21332	2	110.000	-15.250	15.468	-120.256	22.053	-49.716	-49.716	0.000	202.639	0.000	202.639
	21333	3	110.000	-15.500	15.825	-119.884	22.057	-51.277	-51.277	0.000	190.008	0.000	190.008
	21334	4	110.000	-15.750	16.091	-119.240	22.004	-52.649	-52.649	0.000	177.011	0.000	177.011
	22335	5	110.000	-16.000	16.271	-118.332	21.896	-53.812	-53.812	0.000	163.701	0.000	163.701
Plate 7-29	22335	1	110.000	-16.000	16.276	-118.336	21.898	-53.802	-53.802	0.000	163.701	0.000	163.701

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [10 <sup>-3</sup> kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [kNm/m]	M <sub>max</sub> [kNm/m]
(psp 600+pzi 610)	22336	2	110.000	-16.250	16.387	-117.180	21.742	-54.733	-54.733	0.000	150.132	0.000	150.132
	22337	3	110.000	-16.500	16.427	-115.768	21.534	-55.401	-55.401	0.000	136.357	0.000	136.357
	22338	4	110.000	-16.750	16.397	-114.101	21.275	-55.799	-55.799	0.000	122.448	0.000	122.448
	23097	5	110.000	-17.000	16.297	-112.180	20.963	-55.921	-55.921	0.000	108.480	0.000	108.480
Plate 7-30	23097	1	110.000	-17.000	16.298	-112.180	20.962	-55.885	-55.885	0.000	108.480	0.000	108.480
(psp 600+pzi 610)	23098	2	110.000	-17.250	16.128	-110.001	20.597	-55.710	-55.710	0.000	94.526	0.000	94.526
	23099	3	110.000	-17.500	15.889	-107.569	20.175	-55.106	-55.106	0.000	80.661	0.000	80.661
	23100	4	110.000	-17.750	15.582	-104.887	19.698	-54.051	-54.051	0.000	67.004	0.000	67.004
	24335	5	110.000	-18.000	15.206	-101.960	19.164	-52.521	-52.521	0.000	53.675	0.000	53.675
Plate 8-31	24335	1	110.000	-18.000	15.198	-101.922	19.154	-52.436	-52.436	0.000	53.675	0.000	53.675
(psp 600+pzi 610)	24338	2	110.000	-18.250	13.698	-91.176	17.145	-45.469	-45.469	0.000	41.449	0.000	41.449
	24337	3	110.000	-18.500	12.094	-79.938	15.040	-38.932	-38.932	0.000	30.905	0.000	30.905
	24336	4	110.000	-18.750	10.386	-68.206	12.838	-32.793	-32.793	0.000	21.945	0.000	21.945
	24907	5	110.000	-19.000	8.571	-55.974	10.539	-27.019	-27.019	0.000	14.478	0.000	14.478
Plate 8-32	24907	1	110.000	-19.000	8.557	-55.910	10.525	-26.901	-26.901	0.000	14.478	0.000	14.478
(psp 600+pzi 610)	24908	2	110.000	-19.250	6.648	-43.117	8.126	-21.074	-21.074	0.000	8.472	0.000	8.472
	24909	3	110.000	-19.500	4.595	-29.559	5.583	-14.783	-14.783	0.000	3.980	0.000	3.980
	24910	4	110.000	-19.750	2.388	-15.222	2.888	-8.034	-8.034	0.000	1.117	0.000	1.117
	24911	5	110.000	-20.000	0.014	-0.090	0.032	-0.834	-0.834	0.000	0.000	0.000	0.000

[illegible]





Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [10 <sup>-3</sup> kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [kNm/m]	M <sub>max</sub> [kNm/m]
	14407	5	110.000	-6.300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Plate 4-12	14407	1	110.000	-6.300	0.000	-18.283	0.005	0.000	-0.066	0.010	0.000	0.000	0.000
(psp 600+pzi 610)	14408	2	110.000	-6.385	0.000	-26.397	0.075	0.000	-0.183	0.128	0.000	-0.007	0.004
	14409	3	110.000	-6.470	0.000	-59.019	0.182	0.000	-0.460	0.200	0.000	-0.033	0.018
	14410	4	110.000	-6.555	0.000	-103.305	0.283	0.000	-1.018	0.232	0.000	-0.087	0.035
	14431	5	110.000	-6.640	0.000	-186.190	0.354	0.000	-1.791	0.367	0.000	-0.202	0.046
Plate 4-13	14431	1	110.000	-6.640	0.000	-178.133	0.352	0.000	-1.762	0.311	0.000	-0.202	0.046
(psp 600+pzi 610)	14432	2	110.000	-6.730	0.000	-287.278	0.342	0.000	-2.780	0.065	0.000	-0.405	0.059
	14433	3	110.000	-6.820	0.000	-449.515	0.308	0.000	-4.010	0.072	0.000	-0.708	0.044
	14434	4	110.000	-6.910	0.000	-622.677	0.251	0.000	-5.431	0.078	0.000	-1.125	0.029
	15335	5	110.000	-7.000	0.000	-803.972	0.176	0.000	-7.008	0.084	0.000	-1.681	0.036
Plate 5-14	15335	1	110.000	-7.000	0.032	-846.526	0.180	0.083	-7.092	0.083	0.000	-1.681	0.036
(psp 600+pzi 610)	15336	2	110.000	-7.097	0.120	-677.981	0.379	-0.767	-7.887	0.097	-0.039	-2.395	0.045
	15337	3	110.000	-7.193	0.540	-221.029	0.912	-0.981	-8.476	0.108	-0.128	-3.146	0.055
	15338	4	110.000	-7.290	1.276	0.000	1.750	-0.605	-8.514	0.116	-0.209	-3.921	0.066
	15577	5	110.000	-7.387	2.309	0.000	2.861	0.315	-8.005	0.315	-0.227	-4.659	0.077
Plate 5-15	15577	1	110.000	-7.387	2.194	0.000	2.744	0.208	-8.119	0.208	-0.227	-4.659	0.077
(psp 600+pzi 610)	15578	2	110.000	-7.485	3.382	0.000	3.948	1.614	-7.285	1.614	-0.139	-5.387	0.088
	15579	3	110.000	-7.583	4.532	0.000	5.081	3.131	-6.378	3.131	0.094	-6.036	0.098
	15580	4	110.000	-7.682	5.665	0.000	6.212	4.731	-5.417	4.731	0.480	-6.616	0.480
	16271	5	110.000	-7.780	6.799	0.000	7.321	6.387	-4.422	6.387	1.026	-7.100	1.026
Plate 5-16	16271	1	110.000	-7.780	6.766	0.000	7.294	6.367	-4.431	6.367	1.026	-7.100	1.026
(psp 600+pzi 610)	16272	2	110.000	-7.880	7.896	0.000	8.386	8.090	-3.384	8.090	1.748	-7.490	1.748
	16273	3	110.000	-7.980	8.948	0.000	9.399	9.809	-2.333	9.809	2.643	-7.776	2.643
	16274	4	110.000	-8.080	9.945	0.000	10.354	11.515	-1.282	11.515	3.709	-7.957	3.709
	16681	5	110.000	-8.180	10.909	0.000	11.276	13.202	-0.235	13.202	4.945	-8.033	4.945
Plate 5-17	16681	1	110.000	-8.180	10.908	0.000	11.276	13.198	-0.239	13.198	4.945	-8.033	4.945
(psp 600+pzi 610)	16682	2	110.000	-8.281	11.901	0.000	12.231	14.870	0.000	14.870	6.371	-8.004	6.371
	16683	3	110.000	-8.383	12.863	0.000	13.154	16.506	0.000	16.506	7.967	-7.870	7.967

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [10 <sup>-3</sup> kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [kNm/m]	M <sub>max</sub> [kNm/m]
	16684	4	110.000	-8.485	13.789	0.000	14.041	18.107	0.000	18.107	9.727	-7.633	9.727
	16722	5	110.000	-8.586	14.674	0.000	14.886	19.670	0.000	19.670	11.647	-7.296	11.647
Plate 5-18	16722	1	110.000	-8.586	14.671	0.000	14.883	19.671	0.000	19.671	11.647	-7.296	11.647
(psp 600+pzl 610)	16724	2	110.000	-8.690	15.521	0.000	15.690	21.225	0.000	21.225	13.761	-6.852	13.761
	16725	3	110.000	-8.793	16.322	0.000	16.445	22.744	0.000	22.744	16.035	-6.309	16.035
	16726	4	110.000	-8.897	17.070	0.000	17.146	24.227	0.000	24.227	18.463	-5.669	18.463
	16723	5	110.000	-9.000	17.765	0.000	17.791	25.673	0.000	25.673	21.043	-4.935	21.043
Plate 6-19	16723	1	110.000	-9.000	17.760	0.000	17.784	25.677	0.000	25.677	21.043	-4.935	21.043
(psp 600+pzl 610)	16704	2	110.000	-9.110	18.546	0.000	18.546	27.157	0.000	27.157	23.948	-4.060	23.948
	16705	3	110.000	-9.220	19.331	0.000	19.331	28.615	0.000	28.615	27.016	-3.097	27.016
	16706	4	110.000	-9.330	20.115	0.000	20.115	30.047	0.000	30.047	30.242	-2.049	30.242
	16801	5	110.000	-9.440	20.898	0.000	20.898	31.455	0.000	31.455	33.624	-0.918	33.624
Plate 6-20	16801	1	110.000	-9.440	20.895	0.000	20.895	31.455	0.000	31.455	33.624	-0.918	33.624
(psp 600+pzl 610)	16802	2	110.000	-9.561	21.759	0.000	21.759	32.976	0.000	32.976	37.525	0.000	37.525
	16803	3	110.000	-9.682	22.614	0.000	22.614	34.466	0.000	34.466	41.609	0.000	41.609
	16804	4	110.000	-9.803	23.458	0.000	23.458	35.924	0.000	35.924	45.873	0.000	45.873
	16831	5	110.000	-9.924	24.283	-2.227	24.283	37.349	0.000	37.349	50.308	0.000	50.308
Plate 6-21	16831	1	110.000	-9.924	24.280	-2.227	24.280	37.350	0.000	37.350	50.308	0.000	50.308
(psp 600+pzl 610)	16832	2	110.000	-10.058	25.148	-4.731	25.148	38.883	0.000	38.883	55.390	0.000	55.390
	16833	3	110.000	-10.191	25.983	-7.208	25.983	40.377	0.000	40.377	60.675	0.000	60.675
	16834	4	110.000	-10.324	26.784	-9.654	26.784	41.833	0.000	41.833	66.157	0.000	66.157
	16849	5	110.000	-10.458	27.550	-12.070	27.550	43.248	0.000	43.248	71.828	0.000	71.828
Plate 6-22	16849	1	110.000	-10.458	27.550	-12.070	27.550	43.245	0.000	43.245	71.828	0.000	71.828
(psp 600+pzl 610)	16850	2	110.000	-10.604	28.356	-16.183	28.356	44.758	0.000	44.758	78.287	0.000	78.287
	16851	3	110.000	-10.751	29.120	-21.081	29.120	46.210	0.000	46.210	84.967	0.000	84.967
	16852	4	110.000	-10.898	29.840	-25.915	29.840	47.597	0.000	47.597	91.854	0.000	91.854
	17863	5	110.000	-11.045	30.514	-30.683	30.514	48.915	0.000	48.915	98.938	0.000	98.938
Plate 6-23	17863	1	110.000	-11.045	30.512	-30.682	30.512	48.905	0.000	48.905	98.938	0.000	98.938
(psp 600+pzl 610)	17864	2	110.000	-11.206	31.196	-35.852	31.196	50.256	0.000	50.256	106.951	0.000	106.951

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [10 <sup>-3</sup> kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [kNm/m]	M <sub>max</sub> [kNm/m]
	17865	3	110.000	-11.368	31.813	-40.935	31.813	51.471	0.000	51.471	115.176	0.000	115.176
	17866	4	110.000	-11.530	32.361	-45.926	32.361	52.546	0.000	52.546	123.586	0.000	123.586
	18681	5	110.000	-11.691	32.841	-50.822	32.841	53.477	0.000	53.477	132.154	0.000	132.154
Plate 6-24	18681	1	110.000	-11.691	32.826	-50.820	32.826	53.434	0.000	53.434	132.154	0.000	132.154
(psp 600+pzl 610)	18682	2	110.000	-11.869	33.288	-56.094	33.288	54.299	0.000	54.299	141.743	0.000	141.743
	18683	3	110.000	-12.047	33.610	-61.240	33.610	54.812	0.000	54.812	151.460	0.000	151.460
	18684	4	110.000	-12.225	33.784	-66.251	33.784	54.944	0.000	54.944	161.234	0.000	161.234
	18967	5	110.000	-12.403	33.800	-71.123	33.800	54.671	0.000	54.671	170.991	0.000	170.991
Plate 6-25	18967	1	110.000	-12.403	33.779	-71.118	33.779	54.594	0.000	54.594	170.991	0.000	170.991
(psp 600+pzl 610)	18968	2	110.000	-12.599	33.608	-76.314	33.608	53.764	0.000	53.764	181.618	0.000	181.618
	18969	3	110.000	-12.795	33.215	-81.315	33.215	52.216	0.000	52.216	192.013	0.000	192.013
	18970	4	110.000	-12.991	32.642	-86.116	32.642	50.015	0.000	50.015	202.042	0.000	202.042
	20151	5	110.000	-13.187	31.929	-90.712	31.929	47.230	0.000	47.230	211.575	0.000	211.575
Plate 6-26	20151	1	110.000	-13.187	32.057	-90.701	32.057	47.211	0.000	47.211	211.575	0.000	211.575
(psp 600+pzl 610)	20152	2	110.000	-13.403	30.821	-95.506	30.821	43.071	0.000	43.071	221.344	0.000	221.344
	20153	3	110.000	-13.618	29.440	-100.009	29.440	37.211	0.000	37.211	230.034	0.000	230.034
	20154	4	110.000	-13.834	27.950	-104.204	27.950	29.715	0.000	29.715	237.285	0.000	237.285
	21141	5	110.000	-14.050	26.389	-108.081	26.389	20.662	0.000	20.662	242.744	0.000	242.744
Plate 6-27	21141	1	110.000	-14.050	25.882	-108.050	25.882	19.388	0.000	19.388	242.744	0.000	242.744
(psp 600+pzl 610)	21142	2	110.000	-14.287	24.071	-111.925	24.071	7.423	0.000	9.359	246.005	0.000	246.005
	21143	3	110.000	-14.525	21.798	-115.275	22.943	-8.417	-8.417	2.817	245.962	0.000	245.962
	21144	4	110.000	-14.762	19.136	-118.085	21.960	-28.106	-28.106	0.000	241.701	0.000	241.701
	21331	5	110.000	-15.000	16.159	-120.340	21.069	-51.617	-51.617	0.000	232.310	0.000	232.310
Plate 7-28	21331	1	110.000	-15.000	17.185	-120.351	21.988	-52.645	-52.645	0.000	232.310	0.000	232.310
(psp 600+pzl 610)	21332	2	110.000	-15.250	17.634	-120.256	22.053	-54.486	-54.486	0.000	218.917	0.000	218.917
	21333	3	110.000	-15.500	17.982	-119.884	22.057	-56.119	-56.119	0.000	205.084	0.000	205.084
	21334	4	110.000	-15.750	18.233	-119.240	22.004	-57.528	-57.528	0.000	190.870	0.000	190.870
	22335	5	110.000	-16.000	18.392	-118.332	21.896	-58.697	-58.697	0.000	176.340	0.000	176.340
Plate 7-29	22335	1	110.000	-16.000	18.397	-118.336	21.898	-58.689	-58.689	0.000	176.340	0.000	176.340

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [10 <sup>-3</sup> kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [kNm/m]	M <sub>max</sub> [kNm/m]
(psp 600+pzi 610)	22336	2	110.000	-16.250	18.483	-117.180	21.742	-59.603	-59.603	0.000	161.551	0.000	161.551
	22337	3	110.000	-16.500	18.494	-115.768	21.534	-60.230	-60.230	0.000	146.562	0.000	146.562
	22338	4	110.000	-16.750	18.430	-114.101	21.275	-60.563	-60.563	0.000	131.454	0.000	131.454
	23097	5	110.000	-17.000	18.292	-112.180	20.963	-60.597	-60.597	0.000	116.306	0.000	116.306
Plate 7-30	23097	1	110.000	-17.000	18.292	-112.180	20.962	-60.559	-60.559	0.000	116.306	0.000	116.306
(psp 600+pzi 610)	23098	2	110.000	-17.250	18.080	-110.001	20.597	-60.274	-60.274	0.000	101.196	0.000	101.196
	23099	3	110.000	-17.500	17.795	-107.569	20.175	-59.532	-59.532	0.000	86.206	0.000	86.206
	23100	4	110.000	-17.750	17.438	-104.887	19.698	-58.310	-58.310	0.000	71.463	0.000	71.463
	24335	5	110.000	-18.000	17.009	-101.960	19.164	-56.583	-56.583	0.000	57.094	0.000	57.094
Plate 8-31	24335	1	110.000	-18.000	16.999	-101.922	19.154	-56.492	-56.492	0.000	57.094	0.000	57.094
(psp 600+pzi 610)	24338	2	110.000	-18.250	15.309	-91.176	17.145	-48.789	-48.789	0.000	43.948	0.000	43.948
	24337	3	110.000	-18.500	13.505	-79.938	15.040	-41.591	-41.591	0.000	32.657	0.000	32.657
	24336	4	110.000	-18.750	11.589	-68.206	12.838	-34.864	-34.864	0.000	23.108	0.000	23.108
	24907	5	110.000	-19.000	9.558	-55.974	10.539	-28.574	-28.574	0.000	15.189	0.000	15.189
Plate 8-32	24907	1	110.000	-19.000	9.542	-55.910	10.525	-28.468	-28.468	0.000	15.189	0.000	15.189
(psp 600+pzi 610)	24908	2	110.000	-19.250	7.410	-43.117	8.126	-22.127	-22.127	0.000	8.857	0.000	8.857
	24909	3	110.000	-19.500	5.120	-29.559	5.583	-15.410	-15.410	0.000	4.158	0.000	4.158
	24910	4	110.000	-19.750	2.658	-15.222	2.888	-8.361	-8.361	0.000	1.178	0.000	1.178
	24911	5	110.000	-20.000	0.011	-0.090	0.032	-1.025	-1.025	0.000	0.000	0.000	0.000

### 3.1.1.1.9 Calculation results, Plate, FS SLU A1 M1 R1 [Phase\_12] (30/190), Table of plate force envelopes

[illegible]

[illegible]

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [kNm/m]	M <sub>max</sub> [kNm/m]
	14407	5	110.000	-6.300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Plate 4-12	14407	1	110.000	-6.300	0.000	-0.018	0.005	0.000	-0.066	0.010	0.000	0.000	0.000
(psp 600+pzi 610)	14408	2	110.000	-6.385	0.000	-0.026	0.075	0.000	-0.183	0.128	0.000	-0.007	0.004
	14409	3	110.000	-6.470	0.000	-0.059	0.182	0.000	-0.460	0.200	0.000	-0.033	0.018
	14410	4	110.000	-6.555	0.000	-0.103	0.283	0.000	-1.018	0.232	0.000	-0.087	0.035
	14431	5	110.000	-6.640	0.000	-0.186	0.354	0.000	-1.791	0.367	0.000	-0.202	0.046
Plate 4-13	14431	1	110.000	-6.640	0.000	-0.178	0.352	0.000	-1.762	0.311	0.000	-0.202	0.046
(psp 600+pzi 610)	14432	2	110.000	-6.730	0.000	-0.287	0.342	0.000	-2.780	0.065	0.000	-0.405	0.059
	14433	3	110.000	-6.820	0.000	-0.450	0.308	0.000	-4.010	0.072	0.000	-0.708	0.044
	14434	4	110.000	-6.910	0.000	-0.623	0.251	0.000	-5.431	0.078	0.000	-1.125	0.029
	15335	5	110.000	-7.000	0.000	-0.804	0.176	0.000	-7.008	0.084	0.000	-1.681	0.036
Plate 5-14	15335	1	110.000	-7.000	0.012	-0.847	0.180	0.056	-7.092	0.203	0.000	-1.681	0.036
(psp 600+pzi 610)	15336	2	110.000	-7.097	-0.049	-0.678	0.379	-0.115	-7.887	0.125	-0.003	-2.395	0.045
	15337	3	110.000	-7.193	-0.142	-0.221	0.912	-0.267	-8.476	0.213	-0.022	-3.146	0.055
	15338	4	110.000	-7.290	-0.255	-0.285	1.750	-0.407	-8.514	0.294	-0.054	-3.921	0.066
	15577	5	110.000	-7.387	-0.375	-0.387	2.861	-0.540	-8.005	0.610	-0.100	-4.659	0.077
Plate 5-15	15577	1	110.000	-7.387	-0.363	-0.382	2.744	-0.539	-8.119	0.665	-0.100	-4.659	0.077
(psp 600+pzi 610)	15578	2	110.000	-7.485	-0.456	-0.472	3.948	-0.669	-7.285	1.902	-0.160	-5.387	0.187
	15579	3	110.000	-7.583	-0.539	-0.552	5.081	-0.785	-6.378	3.300	-0.231	-6.036	0.440
	15580	4	110.000	-7.682	-0.617	-0.627	6.212	-0.891	-5.417	4.860	-0.314	-6.616	0.837
	16271	5	110.000	-7.780	-0.694	-0.702	7.321	-0.994	-4.422	6.507	-0.406	-7.100	1.389
Plate 5-16	16271	1	110.000	-7.780	-0.725	-0.732	7.294	-1.075	-4.431	6.482	-0.406	-7.100	1.389
(psp 600+pzi 610)	16272	2	110.000	-7.880	-0.784	-0.789	8.386	-1.096	-3.384	8.224	-0.514	-7.490	2.117
	16273	3	110.000	-7.980	-0.868	-0.872	9.399	-1.168	-2.333	9.976	-0.627	-7.776	3.020
	16274	4	110.000	-8.080	-0.959	-0.962	10.354	-1.236	-1.336	11.730	-0.747	-7.957	4.100
	16681	5	110.000	-8.180	-1.040	-1.042	11.276	-1.240	-1.351	13.479	-0.872	-8.033	5.356
Plate 5-17	16681	1	110.000	-8.180	-1.039	-1.040	11.276	-1.243	-1.354	13.472	-0.872	-8.033	5.356
(psp 600+pzi 610)	16682	2	110.000	-8.281	-1.103	-1.103	12.231	-1.168	-1.290	15.216	-0.996	-8.004	6.813
	16683	3	110.000	-8.383	-1.123	-1.123	13.154	-0.959	-1.092	16.954	-1.105	-7.870	8.449

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [kNm/m]	M <sub>max</sub> [kNm/m]
	16684	4	110.000	-8.485	-1.108	-1.108	14.041	-0.639	-0.782	18.659	-1.187	-7.633	10.260
	16722	5	110.000	-8.586	-1.068	-1.068	14.886	-0.234	-0.386	20.329	-1.232	-7.296	12.241
Plate 5-18	16722	1	110.000	-8.586	-1.076	-1.076	14.883	-0.256	-0.408	20.330	-1.232	-7.296	12.241
(psp 600+pzi 610)	16724	2	110.000	-8.690	-1.015	-1.015	15.690	0.224	0.000	21.992	-1.235	-6.852	14.429
	16725	3	110.000	-8.793	-0.913	-0.913	16.445	0.831	0.000	23.622	-1.181	-6.309	16.788
	16726	4	110.000	-8.897	-0.780	-0.780	17.146	1.535	0.000	25.218	-1.060	-5.669	19.313
	16723	5	110.000	-9.000	-0.626	-0.626	17.791	2.308	0.000	26.779	-0.862	-4.935	22.000
Plate 6-19	16723	1	110.000	-9.000	-0.643	-0.643	17.784	2.256	0.000	26.782	-0.862	-4.935	22.000
(psp 600+pzi 610)	16704	2	110.000	-9.110	-0.431	-0.432	18.546	3.001	0.000	28.434	-0.571	-4.060	25.036
	16705	3	110.000	-9.220	-0.260	-0.261	19.331	3.606	0.000	30.069	-0.207	-3.097	28.254
	16706	4	110.000	-9.330	-0.129	-0.130	20.115	4.070	0.000	31.692	0.217	-2.049	31.651
	16801	5	110.000	-9.440	-0.039	-0.041	20.898	4.393	0.000	33.295	0.683	-0.918	35.223
Plate 6-20	16801	1	110.000	-9.440	-0.035	-0.036	20.895	4.410	0.000	33.294	0.683	-0.918	35.223
(psp 600+pzi 610)	16802	2	110.000	-9.561	-0.092	-0.094	21.759	4.231	0.000	35.034	1.207	0.000	39.358
	16803	3	110.000	-9.682	-0.169	-0.170	22.614	3.987	0.000	36.749	1.706	0.000	43.703
	16804	4	110.000	-9.803	-0.271	-0.273	23.458	3.653	0.000	38.436	2.169	0.000	48.253
	16831	5	110.000	-9.924	-0.407	-0.409	24.283	3.204	0.000	40.095	2.586	0.000	53.002
Plate 6-21	16831	1	110.000	-9.924	-0.377	-0.379	24.280	3.306	0.000	40.094	2.586	0.000	53.002
(psp 600+pzi 610)	16832	2	110.000	-10.058	-0.577	-0.579	25.148	2.639	0.000	41.888	2.980	0.000	58.460
	16833	3	110.000	-10.191	-0.776	-0.778	25.983	1.975	0.000	43.643	3.290	0.000	64.156
	16834	4	110.000	-10.324	-1.007	-1.009	26.784	1.200	-0.121	45.358	3.502	0.000	70.082
	16849	5	110.000	-10.458	-1.305	-1.307	27.550	0.199	-1.259	47.030	3.599	0.000	76.230
Plate 6-22	16849	1	110.000	-10.458	-1.292	-1.294	27.550	0.242	-1.223	47.026	3.599	0.000	76.230
(psp 600+pzi 610)	16850	2	110.000	-10.604	-1.559	-1.561	28.356	-0.653	-2.232	48.819	3.566	0.000	83.252
	16851	3	110.000	-10.751	-1.739	-1.740	29.120	-1.249	-2.925	50.541	3.422	0.000	90.545
	16852	4	110.000	-10.898	-1.823	-1.825	29.840	-1.517	-3.278	52.189	3.215	0.000	98.088
	17863	5	110.000	-11.045	-1.803	-1.805	30.514	-1.428	-3.263	53.966	2.994	0.000	105.864
Plate 6-23	17863	1	110.000	-11.045	-1.834	-1.836	30.512	-1.534	-3.364	53.957	2.994	0.000	105.864
(psp 600+pzi 610)	17864	2	110.000	-11.206	-1.770	-1.772	31.196	-1.287	-3.232	55.843	2.774	0.000	114.682



Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [kNm/m]	M <sub>max</sub> [kNm/m]
	17865	3	110.000	-11.368	-1.826	-1.836	31.813	-1.454	-3.491	57.603	2.555	0.000	123.753
	17866	4	110.000	-11.530	-1.963	-2.017	32.361	-1.906	-4.010	59.544	2.288	0.000	133.048
	18681	5	110.000	-11.691	-2.145	-2.212	32.841	-2.514	-4.658	61.267	1.932	0.000	142.537
Plate 6-24	18681	1	110.000	-11.691	-2.161	-2.231	32.826	-2.566	-4.709	61.219	1.932	0.000	142.537
(psp 600+pzl 610)	18682	2	110.000	-11.869	-2.047	-2.092	33.288	-2.154	-4.294	63.200	1.508	0.000	153.178
	18683	3	110.000	-12.047	-1.986	-2.007	33.610	-1.930	-4.022	64.971	1.158	-0.200	163.982
	18684	4	110.000	-12.225	-2.102	-2.104	33.978	-2.313	-4.312	66.575	0.785	-0.682	174.869
	18967	5	110.000	-12.403	-2.514	-2.516	34.270	-3.722	-5.583	67.917	0.270	-1.309	185.759
Plate 6-25	18967	1	110.000	-12.403	-2.514	-2.517	34.239	-3.724	-5.590	67.804	0.270	-1.309	185.759
(psp 600+pzl 610)	18968	2	110.000	-12.599	-3.096	-3.098	34.342	-5.720	-7.391	68.742	-0.676	-2.380	197.640
	18969	3	110.000	-12.795	-3.396	-3.398	34.156	-6.751	-8.196	68.984	-1.905	-3.734	209.281
	18970	4	110.000	-12.991	-3.504	-3.506	33.714	-7.129	-8.380	67.997	-3.280	-5.304	220.526
	20151	5	110.000	-13.187	-3.511	-3.512	33.050	-7.163	-8.268	66.347	-4.680	-6.936	231.221
Plate 6-26	20151	1	110.000	-13.187	-3.485	-3.487	33.172	-7.078	-8.185	66.307	-4.680	-6.936	231.221
(psp 600+pzl 610)	20152	2	110.000	-13.403	-3.188	-3.189	31.826	-6.079	-6.995	63.068	-6.081	-8.556	242.184
	20153	3	110.000	-13.618	-3.235	-3.235	30.172	-6.283	-6.983	58.067	-7.386	-10.036	251.964
	20154	4	110.000	-13.834	-3.685	-3.685	28.276	-7.901	-8.409	53.073	-8.894	-11.669	260.099
	21141	5	110.000	-14.050	-4.601	-4.601	26.389	-11.145	-11.573	47.396	-10.915	-13.760	266.165
Plate 6-27	21141	1	110.000	-14.050	-4.633	-4.633	25.882	-11.262	-11.680	45.150	-10.915	-13.760	266.165
(psp 600+pzl 610)	21142	2	110.000	-14.287	-4.741	-4.741	24.071	-11.791	-12.073	37.219	-13.743	-16.595	269.713
	21143	3	110.000	-14.525	-3.997	-3.997	22.943	-9.444	-9.848	23.366	-16.266	-19.050	270.573
	21144	4	110.000	-14.762	-2.881	-5.783	21.960	-5.884	-30.677	2.281	-18.134	-20.813	266.607
	21331	5	110.000	-15.000	-1.876	-13.380	21.069	-2.773	-56.788	1.148	-19.119	-21.726	256.577
Plate 7-28	21331	1	110.000	-15.000	-2.193	-12.897	21.988	-3.793	-58.252	0.000	-19.119	-21.726	256.577
(psp 600+pzl 610)	21332	2	110.000	-15.250	-2.420	-11.443	22.053	-5.027	-60.568	0.000	-20.234	-22.720	241.722
	21333	3	110.000	-15.500	-2.530	-10.231	22.057	-5.644	-62.577	0.000	-21.581	-23.943	226.318
	21334	4	110.000	-15.750	-2.522	-9.192	22.004	-5.642	-64.260	0.000	-23.005	-25.238	210.454
	22335	5	110.000	-16.000	-2.397	-8.279	21.896	-5.016	-65.597	0.000	-24.350	-26.450	194.218
Plate 7-29	22335	1	110.000	-16.000	-2.421	-8.287	21.898	-5.138	-65.593	0.000	-24.350	-26.450	194.218

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [kNm/m]	M <sub>max</sub> [kNm/m]
(psp 600+pzi 610)	22336	2	110.000	-16.250	-2.280	-7.247	21.742	-4.423	-66.575	0.000	-25.545	-27.509	177.693
	22337	3	110.000	-16.500	-2.141	-6.344	21.534	-3.720	-67.180	0.000	-26.562	-28.387	160.962
	22338	4	110.000	-16.750	-2.007	-5.586	21.275	-3.041	-67.405	0.000	-27.408	-29.088	144.127
	23097	5	110.000	-17.000	-1.878	-4.981	20.963	-2.399	-67.255	0.000	-28.086	-29.619	127.291
Plate 7-30	23097	1	110.000	-17.000	-1.913	-4.984	20.962	-2.357	-67.209	0.000	-28.086	-29.619	127.291
(psp 600+pzi 610)	23098	2	110.000	-17.250	-1.830	-4.534	20.597	-1.948	-66.678	0.000	-28.621	-29.998	110.552
	23099	3	110.000	-17.500	-1.940	-4.244	20.175	-1.541	-65.574	0.000	-29.063	-30.279	94.011
	23100	4	110.000	-17.750	-2.239	-4.117	19.698	-0.958	-63.867	0.000	-29.376	-30.425	77.823
	24335	5	110.000	-18.000	-2.725	-4.157	19.164	-0.022	-61.528	0.669	-29.510	-30.388	62.197
Plate 8-31	24335	1	110.000	-18.000	-2.727	-4.502	19.154	-0.060	-61.188	0.645	-29.510	-30.388	62.197
(psp 600+pzi 610)	24338	2	110.000	-18.250	-0.828	-2.646	17.145	9.989	-52.691	10.623	-28.208	-28.919	48.064
	24337	3	110.000	-18.500	0.485	-1.231	15.040	16.886	-44.919	17.465	-24.775	-25.335	35.930
	24336	4	110.000	-18.750	1.176	-0.229	12.838	20.448	-37.584	20.990	-20.041	-20.460	25.679
	24907	5	110.000	-19.000	1.211	-0.056	10.539	20.492	-30.697	21.013	-14.847	-15.134	17.194
Plate 8-32	24907	1	110.000	-19.000	1.218	-0.056	10.525	20.055	-30.519	20.564	-14.847	-15.134	17.194
(psp 600+pzi 610)	24908	2	110.000	-19.250	1.070	-0.240	8.126	19.659	-24.172	20.080	-9.885	-10.056	10.376
	24909	3	110.000	-19.500	0.856	-0.464	5.583	17.374	-17.544	17.677	-5.148	-5.227	5.155
	24910	4	110.000	-19.750	0.431	-0.471	2.888	11.298	-10.447	11.460	-1.512	-1.533	1.677
	24911	5	110.000	-20.000	-0.352	-0.468	0.032	-0.470	-4.145	0.000	0.000	0.000	0.000

[illegible]

[illegible]

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [kNm/m]	M <sub>max</sub> [kNm/m]
	14407	5	110.000	-6.300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Plate 4-12	14407	1	110.000	-6.300	0.001	-0.018	0.005	0.002	-0.066	0.011	0.000	0.000	0.000
(psp 600+pzi 610)	14408	2	110.000	-6.385	0.006	-0.026	0.075	0.021	-0.183	0.128	0.001	-0.007	0.004
	14409	3	110.000	-6.470	0.007	-0.059	0.182	0.026	-0.460	0.200	0.003	-0.033	0.018
	14410	4	110.000	-6.555	0.012	-0.103	0.283	0.045	-1.018	0.232	0.006	-0.087	0.035
	14431	5	110.000	-6.640	0.031	-0.186	0.354	0.108	-1.791	0.377	0.012	-0.202	0.046
Plate 4-13	14431	1	110.000	-6.640	0.030	-0.178	0.352	0.104	-1.762	0.326	0.012	-0.202	0.046
(psp 600+pzi 610)	14432	2	110.000	-6.730	0.056	-0.287	0.342	0.194	-2.780	0.399	0.026	-0.405	0.075
	14433	3	110.000	-6.820	0.081	-0.450	0.308	0.277	-4.010	0.497	0.047	-0.708	0.116
	14434	4	110.000	-6.910	0.108	-0.623	0.251	0.370	-5.431	0.585	0.076	-1.125	0.164
	15335	5	110.000	-7.000	0.143	-0.804	0.230	0.489	-7.008	0.670	0.114	-1.681	0.221
Plate 5-14	15335	1	110.000	-7.000	0.148	-0.847	0.228	0.499	-7.092	0.670	0.114	-1.681	0.221
(psp 600+pzi 610)	15336	2	110.000	-7.097	0.190	-0.678	0.379	0.695	-7.887	0.801	0.171	-2.395	0.293
	15337	3	110.000	-7.193	0.240	-0.221	0.912	0.899	-8.476	0.899	0.249	-3.146	0.373
	15338	4	110.000	-7.290	0.273	-0.060	1.750	1.057	-8.514	1.058	0.344	-3.921	0.466
	15577	5	110.000	-7.387	0.264	0.000	2.861	1.115	-8.005	1.522	0.450	-4.659	0.587
Plate 5-15	15577	1	110.000	-7.387	0.365	0.000	2.744	1.354	-8.119	1.540	0.450	-4.659	0.587
(psp 600+pzi 610)	15578	2	110.000	-7.485	0.253	0.000	3.948	1.209	-7.285	2.657	0.573	-5.387	0.790
	15579	3	110.000	-7.583	0.245	0.000	5.081	1.340	-6.378	3.883	0.697	-6.036	1.105
	15580	4	110.000	-7.682	0.332	0.000	6.212	1.739	-5.417	5.433	0.846	-6.616	1.544
	16271	5	110.000	-7.780	0.504	0.000	7.321	2.400	-4.422	7.020	1.047	-7.100	2.118
Plate 5-16	16271	1	110.000	-7.780	0.525	0.000	7.294	2.434	-4.431	7.012	1.047	-7.100	2.118
(psp 600+pzi 610)	16272	2	110.000	-7.880	0.712	0.000	8.386	3.155	-3.384	8.671	1.326	-7.490	2.846
	16273	3	110.000	-7.980	0.913	0.000	9.399	3.914	-2.333	10.341	1.679	-7.776	3.715
	16274	4	110.000	-8.080	1.124	0.000	10.354	4.711	-1.282	12.019	2.110	-7.957	4.724
	16681	5	110.000	-8.180	1.341	0.000	11.276	5.551	-0.235	13.700	2.623	-8.033	5.874
Plate 5-17	16681	1	110.000	-8.180	1.342	0.000	11.276	5.547	-0.239	13.696	2.623	-8.033	5.874
(psp 600+pzi 610)	16682	2	110.000	-8.281	1.580	0.000	12.231	6.468	0.000	15.390	3.233	-8.004	7.273
	16683	3	110.000	-8.383	1.831	0.000	13.154	7.438	0.000	17.066	3.939	-7.870	8.924

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [kNm/m]	M <sub>max</sub> [kNm/m]
	16684	4	110.000	-8.485	2.089	0.000	14.041	8.443	0.000	18.722	4.747	-7.633	10.743
	16722	5	110.000	-8.586	2.351	0.000	14.886	9.471	0.000	20.361	5.657	-7.296	12.729
Plate 5-18	16722	1	110.000	-8.586	2.327	0.000	14.883	9.415	0.000	20.361	5.657	-7.296	12.729
(psp 600+pzi 610)	16724	2	110.000	-8.690	2.606	0.000	15.690	10.510	0.000	22.003	6.685	-6.852	14.918
	16725	3	110.000	-8.793	2.909	0.000	16.445	11.688	0.000	23.620	7.833	-6.309	17.276
	16726	4	110.000	-8.897	3.209	0.000	17.146	12.877	0.000	25.221	9.103	-5.669	19.799
	16723	5	110.000	-9.000	3.479	0.000	17.791	14.009	0.000	26.802	10.493	-4.935	22.484
Plate 6-19	16723	1	110.000	-9.000	3.490	0.000	17.784	14.051	0.000	26.804	10.493	-4.935	22.484
(psp 600+pzi 610)	16704	2	110.000	-9.110	3.763	0.000	18.517	14.949	0.000	28.474	12.087	-4.060	25.517
	16705	3	110.000	-9.220	4.037	0.000	19.239	15.848	0.000	30.136	13.782	-3.097	28.734
	16706	4	110.000	-9.330	4.295	0.000	19.948	16.695	0.000	31.789	15.572	-2.049	32.139
	16801	5	110.000	-9.440	4.520	0.000	20.641	17.436	0.000	33.432	17.450	-0.918	35.724
Plate 6-20	16801	1	110.000	-9.440	4.514	0.000	20.640	17.418	0.000	33.431	17.450	-0.918	35.724
(psp 600+pzi 610)	16802	2	110.000	-9.561	4.871	0.000	21.379	18.589	0.000	35.224	19.628	0.000	39.881
	16803	3	110.000	-9.682	5.217	0.000	22.096	19.724	0.000	37.023	21.952	0.000	44.255
	16804	4	110.000	-9.803	5.496	0.000	22.791	20.641	0.000	38.854	24.397	0.000	48.843
	16831	5	110.000	-9.924	5.651	-0.002	23.463	21.154	0.000	40.685	26.933	0.000	53.640
Plate 6-21	16831	1	110.000	-9.924	5.657	-0.002	23.463	21.172	0.000	40.684	26.933	0.000	53.640
(psp 600+pzi 610)	16832	2	110.000	-10.058	5.832	-0.005	24.177	21.752	0.000	42.672	29.795	0.000	59.163
	16833	3	110.000	-10.191	5.944	-0.007	24.864	22.125	0.000	44.626	32.725	0.000	64.937
	16834	4	110.000	-10.324	5.962	-0.010	25.524	22.190	0.000	46.556	35.683	0.000	70.955
	16849	5	110.000	-10.458	5.855	-0.012	26.155	21.846	0.000	48.498	38.624	0.000	77.209
Plate 6-22	16849	1	110.000	-10.458	5.781	-0.012	26.154	21.604	0.000	48.492	38.624	0.000	77.209
(psp 600+pzi 610)	16850	2	110.000	-10.604	5.701	-0.016	26.819	21.348	0.000	50.575	41.762	0.000	84.363
	16851	3	110.000	-10.751	5.842	-0.021	27.447	21.814	0.000	52.578	44.930	0.000	91.794
	16852	4	110.000	-10.898	6.079	-0.026	28.038	22.594	0.000	54.618	48.183	0.000	99.487
	17863	5	110.000	-11.045	6.289	-0.031	28.590	23.283	0.000	56.633	51.556	0.000	107.427
Plate 6-23	17863	1	110.000	-11.045	6.214	-0.031	28.588	23.037	0.000	56.627	51.556	0.000	107.427
(psp 600+pzi 610)	17864	2	110.000	-11.206	6.086	-0.036	29.144	22.623	0.000	58.869	55.242	0.000	116.559

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [kNm/m]	M <sub>max</sub> [kNm/m]
	17865	3	110.000	-11.368	6.001	-0.041	29.640	22.353	0.000	60.978	58.877	0.000	125.980
	17866	4	110.000	-11.530	5.934	-0.046	30.075	22.144	0.000	62.968	62.473	0.000	135.702
	18681	5	110.000	-11.691	5.859	-0.051	30.447	21.914	0.000	64.911	66.034	0.000	145.662
Plate 6-24	18681	1	110.000	-11.691	5.885	-0.051	30.432	21.998	0.000	64.869	66.034	0.000	145.662
(psp 600+pzl 610)	18682	2	110.000	-11.869	6.113	-0.056	30.791	22.756	0.000	66.890	70.004	0.000	156.851
	18683	3	110.000	-12.047	6.441	-0.061	31.025	23.840	0.000	68.612	74.157	0.000	168.233
	18684	4	110.000	-12.225	6.746	-0.066	31.118	24.848	0.000	70.037	78.487	0.000	179.722
	18967	5	110.000	-12.403	6.906	-0.071	31.057	25.383	0.000	71.228	82.968	0.000	191.294
Plate 6-25	18967	1	110.000	-12.403	6.885	-0.071	31.036	25.314	0.000	71.071	82.968	0.000	191.294
(psp 600+pzl 610)	18968	2	110.000	-12.599	6.882	-0.076	30.787	25.315	0.000	71.687	87.927	0.000	204.022
	18969	3	110.000	-12.795	6.835	-0.081	30.319	25.168	0.000	71.626	92.881	0.000	216.527
	18970	4	110.000	-12.991	6.698	-0.086	29.673	24.723	0.000	70.763	97.773	0.000	228.670
	20151	5	110.000	-13.187	6.425	-0.091	28.887	23.830	0.000	68.675	102.538	0.000	240.445
Plate 6-26	20151	1	110.000	-13.187	6.673	-0.091	29.024	24.641	0.000	68.652	102.538	0.000	240.445
(psp 600+pzl 610)	20152	2	110.000	-13.403	6.077	-0.096	27.688	22.698	0.000	64.744	107.617	0.000	252.707
	20153	3	110.000	-13.618	5.844	-0.100	26.235	21.938	0.000	60.180	112.420	0.000	263.880
	20154	4	110.000	-13.834	5.889	-0.104	25.223	22.088	0.000	53.704	117.150	0.000	273.363
	21141	5	110.000	-14.050	6.128	-0.108	24.746	22.874	0.000	48.402	121.992	0.000	280.705
Plate 6-27	21141	1	110.000	-14.050	5.288	-0.108	24.599	20.155	0.000	46.342	121.992	0.000	280.705
(psp 600+pzl 610)	21142	2	110.000	-14.287	7.520	-0.112	23.871	27.398	0.000	37.198	127.830	0.000	285.572
	21143	3	110.000	-14.525	6.196	-1.176	22.943	23.029	-9.650	23.306	134.114	0.000	286.596
	21144	4	110.000	-14.762	0.740	-7.350	21.960	5.165	-31.773	5.165	137.705	0.000	282.487
	21331	5	110.000	-15.000	-9.426	-16.164	21.069	-28.077	-60.650	0.000	135.326	0.000	271.853
Plate 7-28	21331	1	110.000	-15.000	-9.349	-15.614	21.988	-28.424	-62.352	0.000	135.326	0.000	271.853
(psp 600+pzl 610)	21332	2	110.000	-15.250	-8.549	-14.196	22.053	-31.558	-64.789	0.000	127.820	0.000	255.965
	21333	3	110.000	-15.500	-7.907	-12.973	22.057	-34.200	-66.904	0.000	119.587	0.000	239.499
	21334	4	110.000	-15.750	-7.376	-11.894	22.004	-36.335	-68.666	0.000	110.758	0.000	222.544
	22335	5	110.000	-16.000	-6.906	-10.910	21.896	-37.948	-70.060	0.000	101.464	0.000	205.199
Plate 7-29	22335	1	110.000	-16.000	-6.881	-10.924	21.898	-37.993	-70.056	0.000	101.464	0.000	205.199

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [kNm/m]	M <sub>max</sub> [kNm/m]
(psp 600+pzi 610)	22336	2	110.000	-16.250	-6.326	-9.802	21.742	-39.205	-71.078	0.000	91.809	0.000	187.555
	22337	3	110.000	-16.500	-5.759	-8.835	21.534	-40.074	-71.699	0.000	81.890	0.000	169.705
	22338	4	110.000	-16.750	-5.203	-8.022	21.275	-40.607	-71.907	0.000	71.795	0.000	151.761
	23097	5	110.000	-17.000	-4.680	-7.361	20.963	-40.813	-71.696	0.000	61.614	0.000	133.831
Plate 7-30	23097	1	110.000	-17.000	-4.730	-7.361	20.962	-40.750	-71.648	0.000	61.614	0.000	133.831
(psp 600+pzi 610)	23098	2	110.000	-17.250	-4.444	-6.840	20.597	-40.749	-71.025	0.000	51.419	0.000	116.046
	23099	3	110.000	-17.500	-4.339	-6.470	20.175	-40.216	-69.785	0.000	41.282	0.000	98.520
	23100	4	110.000	-17.750	-4.418	-6.255	19.698	-39.078	-67.898	0.000	31.357	0.000	81.437
	24335	5	110.000	-18.000	-4.684	-6.196	19.164	-37.260	-65.336	0.000	21.801	0.000	64.910
Plate 8-31	24335	1	110.000	-18.000	-4.886	-6.537	19.154	-36.963	-65.022	0.000	21.801	0.000	64.910
(psp 600+pzi 610)	24338	2	110.000	-18.250	-2.893	-4.468	17.145	-27.067	-55.511	0.000	13.838	0.000	49.942
	24337	3	110.000	-18.500	-1.300	-2.861	15.040	-18.873	-46.916	0.000	8.124	0.000	37.182
	24336	4	110.000	-18.750	-0.083	-1.680	12.838	-12.223	-39.083	0.000	4.270	0.000	26.517
	24907	5	110.000	-19.000	0.782	-0.941	10.539	-6.958	-31.824	0.000	1.899	0.000	17.712
Plate 8-32	24907	1	110.000	-19.000	0.745	-0.798	10.525	-7.330	-31.790	0.000	1.899	0.000	17.712
(psp 600+pzi 610)	24908	2	110.000	-19.250	1.313	-0.891	8.126	-2.211	-24.829	0.000	0.767	0.000	10.659
	24909	3	110.000	-19.500	1.217	-0.906	5.583	0.019	-17.944	0.019	0.553	0.000	5.304
	24910	4	110.000	-19.750	0.594	-0.706	2.888	-0.628	-10.702	0.000	0.536	0.000	1.786
	24911	5	110.000	-20.000	-0.416	-0.416	0.032	-4.138	-4.635	0.000	0.000	0.000	0.000



### 3.1.1.1.11 Calculation results, Plate, FS 2° scavo [Phase\_13] (31/390), Table of plate force envelopes

[illegible]

[illegible]

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [kNm/m]	M <sub>max</sub> [kNm/m]
	14407	5	110.000	-6.300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Plate 4-12	14407	1	110.000	-6.300	-0.002	-0.017	0.020	-0.006	-0.067	0.049	0.000	0.000	0.000
(psp 600+pzi 610)	14408	2	110.000	-6.385	-0.011	-0.026	0.075	0.006	-0.183	0.148	0.000	-0.007	0.004
	14409	3	110.000	-6.470	-0.032	-0.059	0.182	0.001	-0.460	0.331	0.001	-0.033	0.024
	14410	4	110.000	-6.555	-0.064	-0.103	0.283	-0.018	-1.018	0.578	0.000	-0.087	0.061
	14431	5	110.000	-6.640	-0.104	-0.186	0.416	-0.047	-1.791	0.901	-0.003	-0.202	0.121
Plate 4-13	14431	1	110.000	-6.640	-0.109	-0.178	0.395	-0.046	-1.762	0.832	-0.003	-0.202	0.121
(psp 600+pzi 610)	14432	2	110.000	-6.730	-0.162	-0.287	0.433	-0.084	-2.780	0.915	-0.008	-0.405	0.189
	14433	3	110.000	-6.820	-0.240	-0.450	0.434	-0.149	-4.010	0.852	-0.019	-0.708	0.238
	14434	4	110.000	-6.910	-0.336	-0.623	0.401	-0.206	-5.431	0.589	-0.035	-1.125	0.298
	15335	5	110.000	-7.000	-0.445	-0.804	0.336	-0.218	-7.008	0.570	-0.054	-1.681	0.330
Plate 5-14	15335	1	110.000	-7.000	-0.437	-0.847	0.337	-0.229	-7.092	0.560	-0.054	-1.681	0.330
(psp 600+pzi 610)	15336	2	110.000	-7.097	-0.464	-0.678	0.488	-0.117	-7.887	0.738	-0.071	-2.395	0.288
	15337	3	110.000	-7.193	-0.464	-0.464	0.912	0.008	-8.476	0.874	-0.077	-3.146	0.271
	15338	4	110.000	-7.290	-0.446	-0.446	1.750	0.145	-8.514	1.001	-0.069	-3.921	0.362
	15577	5	110.000	-7.387	-0.417	-0.417	2.861	0.291	-8.005	1.129	-0.048	-4.659	0.464
Plate 5-15	15577	1	110.000	-7.387	-0.426	-0.426	2.744	0.279	-8.119	1.208	-0.048	-4.659	0.464
(psp 600+pzi 610)	15578	2	110.000	-7.485	-0.373	-0.373	3.948	0.517	-7.285	1.916	-0.010	-5.387	0.584
	15579	3	110.000	-7.583	-0.320	-0.320	5.073	0.762	-6.378	2.760	0.054	-6.036	0.715
	15580	4	110.000	-7.682	-0.289	-0.289	6.143	0.966	-5.417	3.640	0.139	-6.616	0.983
	16271	5	110.000	-7.780	-0.300	-0.300	7.181	1.083	-4.422	4.548	0.241	-7.100	1.385
Plate 5-16	16271	1	110.000	-7.780	-0.269	-0.269	7.154	1.151	-4.431	4.551	0.241	-7.100	1.385
(psp 600+pzi 610)	16272	2	110.000	-7.880	-0.215	-0.215	8.163	1.445	-3.384	5.555	0.370	-7.490	1.890
	16273	3	110.000	-7.980	-0.138	-0.138	9.081	1.807	-2.333	6.584	0.532	-7.776	2.497
	16274	4	110.000	-8.080	-0.034	-0.034	9.931	2.264	-1.282	7.637	0.735	-7.957	3.208
	16681	5	110.000	-8.180	0.102	0.000	10.736	2.840	-0.235	8.708	0.989	-8.033	4.024
Plate 5-17	16681	1	110.000	-8.180	0.088	0.000	10.736	2.799	-0.239	8.704	0.989	-8.033	4.024
(psp 600+pzi 610)	16682	2	110.000	-8.281	0.226	0.000	11.561	3.419	0.000	9.849	1.304	-8.004	4.965
	16683	3	110.000	-8.383	0.366	0.000	12.342	4.070	0.000	10.988	1.685	-7.870	6.018

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [kNm/m]	M <sub>max</sub> [kNm/m]
	16684	4	110.000	-8.485	0.505	0.000	13.104	4.744	0.000	12.130	2.133	-7.633	7.184
	16722	5	110.000	-8.586	0.642	0.000	13.867	5.433	0.000	13.290	2.650	-7.296	8.462
Plate 5-18	16722	1	110.000	-8.586	0.648	0.000	13.865	5.446	0.000	13.288	2.650	-7.296	8.462
(psp 600+pzi 610)	16724	2	110.000	-8.690	0.787	0.000	14.586	6.169	0.000	14.441	3.249	-6.852	9.876
	16725	3	110.000	-8.793	0.934	0.000	15.257	6.928	0.000	15.569	3.927	-6.309	11.407
	16726	4	110.000	-8.897	1.078	0.000	15.875	7.699	0.000	16.670	4.683	-5.669	13.050
	16723	5	110.000	-9.000	1.211	0.000	16.460	8.460	0.000	17.828	5.518	-4.935	14.806
Plate 6-19	16723	1	110.000	-9.000	1.203	0.000	16.455	8.451	0.000	17.823	5.518	-4.935	14.806
(psp 600+pzi 610)	16704	2	110.000	-9.110	1.351	0.000	16.976	8.942	0.000	19.022	6.474	-4.060	16.794
	16705	3	110.000	-9.220	1.518	0.000	17.464	9.496	0.000	20.196	7.487	-3.097	18.906
	16706	4	110.000	-9.330	1.701	0.000	17.920	10.106	0.000	21.343	8.565	-2.049	21.139
	16801	5	110.000	-9.440	1.899	0.000	18.342	10.763	0.000	22.460	9.712	-0.918	23.492
Plate 6-20	16801	1	110.000	-9.440	1.897	0.000	18.345	10.757	0.000	22.458	9.712	-0.918	23.492
(psp 600+pzi 610)	16802	2	110.000	-9.561	2.109	0.000	18.795	11.461	0.000	23.659	11.057	0.000	26.224
	16803	3	110.000	-9.682	2.311	0.000	19.247	12.133	0.000	24.812	12.487	0.000	29.104
	16804	4	110.000	-9.803	2.503	0.000	19.728	12.768	0.000	25.909	13.995	0.000	32.120
	16831	5	110.000	-9.924	2.682	-0.002	20.206	13.362	0.000	26.948	15.577	0.000	35.268
Plate 6-21	16831	1	110.000	-9.924	2.679	-0.002	20.206	13.354	0.000	26.944	15.577	0.000	35.268
(psp 600+pzi 610)	16832	2	110.000	-10.058	2.863	-0.005	20.731	13.966	0.000	28.019	17.398	0.000	38.879
	16833	3	110.000	-10.191	3.025	-0.007	21.251	14.505	0.000	29.011	19.298	0.000	42.639
	16834	4	110.000	-10.324	3.156	-0.010	21.766	14.938	0.000	30.032	21.262	0.000	46.534
	16849	5	110.000	-10.458	3.244	-0.012	22.276	15.235	0.000	31.009	23.275	0.000	50.551
Plate 6-22	16849	1	110.000	-10.458	3.256	-0.012	22.274	15.274	0.000	30.991	23.275	0.000	50.551
(psp 600+pzi 610)	16850	2	110.000	-10.604	3.243	-0.016	22.826	15.235	0.000	32.091	25.517	0.000	55.125
	16851	3	110.000	-10.751	3.189	-0.021	23.361	15.057	0.000	33.068	27.741	0.000	59.823
	16852	4	110.000	-10.898	3.123	-0.026	23.876	14.845	0.000	33.896	29.937	0.000	64.619
	17863	5	110.000	-11.045	3.079	-0.031	24.369	14.703	0.000	34.562	32.103	0.000	69.487
Plate 6-23	17863	1	110.000	-11.045	3.113	-0.031	24.363	14.815	0.000	34.550	32.103	0.000	69.487
(psp 600+pzi 610)	17864	2	110.000	-11.206	3.236	-0.036	24.873	15.223	0.000	35.020	34.525	0.000	74.905

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [kNm/m]	M <sub>max</sub> [kNm/m]
	17865	3	110.000	-11.368	3.451	-0.041	25.326	15.938	0.000	35.242	37.042	0.000	80.364
	17866	4	110.000	-11.530	3.739	-0.046	25.720	16.894	0.000	35.210	39.692	0.000	85.837
	18681	5	110.000	-11.691	4.081	-0.051	26.124	18.030	0.000	34.917	42.512	0.000	91.302
Plate 6-24	18681	1	110.000	-11.691	4.038	-0.051	26.112	17.888	0.000	34.856	42.512	0.000	91.302
(psp 600+pzl 610)	18682	2	110.000	-11.869	4.375	-0.056	26.543	19.005	0.000	34.677	45.800	0.000	97.282
	18683	3	110.000	-12.047	4.590	-0.061	26.877	19.718	0.000	34.964	49.252	0.000	103.289
	18684	4	110.000	-12.225	4.695	-0.066	27.107	20.069	0.000	35.017	52.799	0.000	109.402
	18967	5	110.000	-12.403	4.706	-0.071	27.229	20.106	0.000	34.816	56.377	0.000	115.447
Plate 6-25	18967	1	110.000	-12.403	4.724	-0.071	27.209	20.165	0.000	34.694	56.377	0.000	115.447
(psp 600+pzl 610)	18968	2	110.000	-12.599	4.470	-0.076	27.160	19.327	0.000	34.250	60.258	0.000	122.008
	18969	3	110.000	-12.795	4.060	-0.081	26.866	17.973	0.000	33.267	63.913	0.000	128.460
	18970	4	110.000	-12.991	3.589	-0.086	26.327	16.414	0.000	31.947	67.290	0.000	134.766
	20151	5	110.000	-13.187	3.149	-0.091	25.896	14.959	0.000	31.245	70.356	0.000	140.897
Plate 6-26	20151	1	110.000	-13.187	3.277	-0.091	25.903	15.383	0.000	31.150	70.356	0.000	140.897
(psp 600+pzl 610)	20152	2	110.000	-13.403	2.788	-0.096	25.710	13.764	0.000	30.097	73.488	0.000	147.426
	20153	3	110.000	-13.618	2.416	-0.100	25.503	12.535	0.000	27.742	76.325	0.000	153.533
	20154	4	110.000	-13.834	2.100	-0.104	25.223	11.487	0.000	25.489	78.911	0.000	158.905
	21141	5	110.000	-14.050	1.775	-0.108	24.746	10.412	0.000	23.316	81.277	0.000	163.219
Plate 6-27	21141	1	110.000	-14.050	1.157	-0.108	24.599	8.367	0.000	22.230	81.277	0.000	163.219
(psp 600+pzl 610)	21142	2	110.000	-14.287	2.401	-0.112	23.871	12.478	0.000	17.193	83.835	0.000	166.202
	21143	3	110.000	-14.525	1.932	-2.063	22.943	10.924	-3.612	10.924	86.775	0.000	167.056
	21144	4	110.000	-14.762	-0.681	-5.996	21.960	2.285	-15.016	2.285	88.465	0.000	165.108
	21331	5	110.000	-15.000	-5.866	-11.339	21.069	-14.860	-31.581	0.000	87.169	0.000	159.690
Plate 7-28	21331	1	110.000	-15.000	-6.494	-11.065	21.988	-16.956	-32.840	0.000	87.169	0.000	159.690
(psp 600+pzl 610)	21332	2	110.000	-15.250	-5.619	-9.660	22.053	-19.108	-34.702	0.000	82.657	0.000	151.254
	21333	3	110.000	-15.500	-4.902	-8.410	22.057	-21.008	-36.485	0.000	77.635	0.000	142.349
	21334	4	110.000	-15.750	-4.295	-7.306	22.004	-22.630	-38.109	0.000	72.174	0.000	133.076
	22335	5	110.000	-16.000	-3.750	-6.342	21.896	-23.946	-39.539	0.000	66.346	0.000	123.440
Plate 7-29	22335	1	110.000	-16.000	-3.764	-6.332	21.898	-23.954	-39.522	0.000	66.346	0.000	123.440

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [kNm/m]	M <sub>max</sub> [kNm/m]
(psp 600+pzi 610)	22336	2	110.000	-16.250	-3.083	-5.472	21.742	-24.971	-40.688	0.000	60.226	0.000	113.495
	22337	3	110.000	-16.500	-2.533	-4.717	21.534	-25.729	-41.579	0.000	53.882	0.000	103.297
	22338	4	110.000	-16.750	-2.111	-4.067	21.275	-26.230	-42.185	0.000	47.380	0.000	92.919
	23097	5	110.000	-17.000	-1.818	-3.522	20.963	-26.478	-42.500	0.000	40.788	0.000	82.588
Plate 7-30	23097	1	110.000	-17.000	-1.823	-3.523	20.962	-26.442	-42.460	0.000	40.788	0.000	82.588
(psp 600+pzi 610)	23098	2	110.000	-17.250	-1.642	-3.076	20.597	-26.515	-42.478	0.000	34.164	0.000	72.252
	23099	3	110.000	-17.500	-1.601	-2.737	20.175	-26.226	-42.044	0.000	27.560	0.000	61.899
	23100	4	110.000	-17.750	-1.702	-2.508	19.698	-25.515	-41.133	0.000	21.083	0.000	51.660
	24335	5	110.000	-18.000	-1.950	-2.413	19.164	-24.323	-39.721	0.000	14.843	0.000	41.708
Plate 8-31	24335	1	110.000	-18.000	-2.238	-2.643	19.154	-24.053	-39.542	0.000	14.843	0.000	41.708
(psp 600+pzi 610)	24338	2	110.000	-18.250	-0.936	-1.675	17.145	-17.679	-34.686	0.000	9.651	0.000	32.565
	24337	3	110.000	-18.500	0.017	-1.160	15.040	-12.404	-29.975	0.000	5.912	0.000	24.600
	24336	4	110.000	-18.750	0.626	-0.931	12.838	-8.216	-25.410	0.000	3.357	0.000	17.755
	24907	5	110.000	-19.000	0.898	-0.937	10.539	-5.103	-21.063	0.000	1.714	0.000	11.982
Plate 8-32	24907	1	110.000	-19.000	0.918	-0.829	10.525	-5.465	-20.923	0.000	1.714	0.000	11.982
(psp 600+pzi 610)	24908	2	110.000	-19.250	0.839	-0.918	8.126	-2.256	-16.949	0.000	0.771	0.000	7.258
	24909	3	110.000	-19.500	0.499	-0.882	5.583	-0.491	-12.492	0.000	0.472	0.000	3.583
	24910	4	110.000	-19.750	0.065	-0.660	2.888	-0.561	-7.334	0.000	0.373	0.000	1.145
	24911	5	110.000	-20.000	-0.295	-0.295	0.032	-2.859	-3.124	0.000	0.000	0.000	0.000

### 3.1.1.1.12 Calculation results, Plate, FS 1° scavo [Phase\_11] (29/490), Table of plate force envelopes

[illegible]

[illegible]



Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [kNm/m]	M <sub>max</sub> [kNm/m]
	14407	5	110.000	-6.300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Plate 4-12	14407	1	110.000	-6.300	-0.001	-0.010	0.004	-0.004	-0.060	0.011	0.000	0.000	0.000
(psp 600+pzi 610)	14408	2	110.000	-6.385	-0.005	-0.026	0.013	-0.005	-0.183	0.032	0.000	-0.007	0.001
	14409	3	110.000	-6.470	-0.016	-0.059	0.010	-0.032	-0.460	0.033	-0.002	-0.033	0.003
	14410	4	110.000	-6.555	-0.034	-0.103	0.000	-0.085	-1.018	0.045	-0.006	-0.087	0.006
	14431	5	110.000	-6.640	-0.060	-0.186	0.000	-0.161	-1.791	0.055	-0.017	-0.202	0.011
Plate 4-13	14431	1	110.000	-6.640	-0.061	-0.178	0.000	-0.165	-1.762	0.056	-0.017	-0.202	0.011
(psp 600+pzi 610)	14432	2	110.000	-6.730	-0.094	-0.290	0.000	-0.267	-2.780	0.065	-0.036	-0.405	0.016
	14433	3	110.000	-6.820	-0.140	-0.453	0.000	-0.413	-4.010	0.072	-0.066	-0.708	0.022
	14434	4	110.000	-6.910	-0.195	-0.626	0.000	-0.591	-5.431	0.078	-0.111	-1.125	0.029
	15335	5	110.000	-7.000	-0.255	-0.808	0.000	-0.787	-7.008	0.084	-0.173	-1.681	0.036
Plate 5-14	15335	1	110.000	-7.000	-0.253	-0.847	0.000	-0.764	-7.092	0.083	-0.173	-1.681	0.036
(psp 600+pzi 610)	15336	2	110.000	-7.097	-0.323	-0.802	0.000	-0.938	-7.887	0.097	-0.255	-2.395	0.045
	15337	3	110.000	-7.193	-0.412	-0.712	0.326	-1.093	-8.476	0.108	-0.353	-3.146	0.055
	15338	4	110.000	-7.290	-0.520	-0.766	0.891	-1.234	-8.514	0.116	-0.466	-3.921	0.066
	15577	5	110.000	-7.387	-0.646	-0.906	1.470	-1.368	-8.005	0.119	-0.592	-4.659	0.077
Plate 5-15	15577	1	110.000	-7.387	-0.633	-0.932	1.458	-1.395	-8.119	0.117	-0.592	-4.659	0.077
(psp 600+pzi 610)	15578	2	110.000	-7.485	-0.723	-1.040	2.238	-1.397	-7.285	0.107	-0.729	-5.387	0.088
	15579	3	110.000	-7.583	-0.803	-1.061	3.116	-1.404	-6.486	0.095	-0.867	-6.036	0.098
	15580	4	110.000	-7.682	-0.871	-1.013	3.976	-1.423	-5.597	0.084	-1.006	-6.616	0.107
	16271	5	110.000	-7.780	-0.925	-0.925	4.818	-1.462	-4.623	0.146	-1.147	-7.100	0.115
Plate 5-16	16271	1	110.000	-7.780	-0.916	-0.923	4.814	-1.435	-4.649	0.153	-1.147	-7.100	0.115
(psp 600+pzi 610)	16272	2	110.000	-7.880	-0.982	-0.982	5.690	-1.508	-3.597	0.722	-1.295	-7.490	0.122
	16273	3	110.000	-7.980	-1.008	-1.008	6.530	-1.454	-2.528	1.510	-1.445	-7.776	0.128
	16274	4	110.000	-8.080	-0.997	-0.997	7.344	-1.266	-1.497	2.400	-1.582	-7.957	0.134
	16681	5	110.000	-8.180	-0.951	-0.951	8.141	-0.939	-0.939	3.342	-1.693	-8.033	0.139
Plate 5-17	16681	1	110.000	-8.180	-0.958	-0.958	8.136	-0.961	-0.961	3.328	-1.693	-8.033	0.139
(psp 600+pzi 610)	16682	2	110.000	-8.281	-0.868	-0.868	8.959	-0.473	-0.473	4.278	-1.767	-8.004	0.216
	16683	3	110.000	-8.383	-0.768	-0.768	9.757	0.077	0.000	5.219	-1.787	-7.870	0.689

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [kNm/m]	M <sub>max</sub> [kNm/m]
	16684	4	110.000	-8.485	-0.665	-0.665	10.525	0.675	0.000	6.150	-1.749	-7.633	1.257
	16722	5	110.000	-8.586	-0.562	-0.562	11.261	1.306	0.000	7.068	-1.649	-7.296	1.917
Plate 5-18	16722	1	110.000	-8.586	-0.570	-0.570	11.261	1.286	0.000	7.067	-1.649	-7.296	1.917
(psp 600+pzl 610)	16724	2	110.000	-8.690	-0.495	-0.495	11.989	1.884	0.000	7.981	-1.485	-6.852	2.682
	16725	3	110.000	-8.793	-0.460	-0.460	12.696	2.433	0.000	8.878	-1.261	-6.309	3.542
	16726	4	110.000	-8.897	-0.462	-0.462	13.380	2.933	0.000	9.756	-0.983	-5.669	4.493
	16723	5	110.000	-9.000	-0.503	-0.503	14.035	3.380	0.000	10.615	-0.656	-4.935	5.535
Plate 6-19	16723	1	110.000	-9.000	-0.499	-0.499	14.025	3.392	0.000	10.620	-0.656	-4.935	5.535
(psp 600+pzl 610)	16704	2	110.000	-9.110	-0.457	-0.457	14.592	3.659	0.000	11.467	-0.268	-4.060	6.738
	16705	3	110.000	-9.220	-0.425	-0.425	15.133	3.896	0.000	12.309	0.147	-3.097	8.041
	16706	4	110.000	-9.330	-0.401	-0.401	15.646	4.112	0.000	13.146	0.588	-2.049	9.441
	16801	5	110.000	-9.440	-0.383	-0.383	16.129	4.312	0.000	13.978	1.051	-0.918	10.932
Plate 6-20	16801	1	110.000	-9.440	-0.374	-0.374	16.131	4.340	0.000	13.981	1.051	-0.918	10.932
(psp 600+pzl 610)	16802	2	110.000	-9.561	-0.344	-0.344	16.610	4.594	0.000	14.897	1.591	0.000	12.680
	16803	3	110.000	-9.682	-0.279	-0.279	17.071	4.969	0.000	15.840	2.169	0.000	14.541
	16804	4	110.000	-9.803	-0.176	-0.176	17.511	5.474	0.000	16.804	2.800	0.000	16.513
	16831	5	110.000	-9.924	-0.033	-0.033	17.931	6.117	0.000	17.778	3.500	0.000	18.599
Plate 6-21	16831	1	110.000	-9.924	-0.039	-0.039	17.937	6.097	0.000	17.780	3.500	0.000	18.599
(psp 600+pzl 610)	16832	2	110.000	-10.058	0.261	-0.005	18.372	7.312	0.000	18.925	4.391	0.000	21.034
	16833	3	110.000	-10.191	0.631	-0.007	18.808	8.769	0.000	20.139	5.461	0.000	23.625
	16834	4	110.000	-10.324	1.057	-0.010	19.243	10.420	0.000	21.376	6.738	0.000	26.366
	16849	5	110.000	-10.458	1.528	-0.012	19.677	12.220	0.000	22.635	8.246	0.000	29.258
Plate 6-22	16849	1	110.000	-10.458	1.519	-0.012	19.676	12.188	0.000	22.633	8.246	0.000	29.258
(psp 600+pzl 610)	16850	2	110.000	-10.604	2.092	-0.016	20.154	14.357	0.000	24.046	10.189	0.000	32.624
	16851	3	110.000	-10.751	2.747	-0.021	20.628	16.813	0.000	25.475	12.476	0.000	36.186
	16852	4	110.000	-10.898	3.451	-0.026	21.099	19.432	0.000	26.920	15.134	0.000	39.947
	17863	5	110.000	-11.045	4.169	-0.031	21.564	22.086	0.000	28.378	18.182	0.000	43.909
Plate 6-23	17863	1	110.000	-11.045	4.157	-0.031	21.561	22.042	0.000	28.368	18.182	0.000	43.909
(psp 600+pzl 610)	17864	2	110.000	-11.206	4.817	-0.036	22.065	24.469	0.000	29.976	21.943	0.000	48.510

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [kNm/m]	M <sub>max</sub> [kNm/m]
	17865	3	110.000	-11.368	5.428	-0.041	22.551	26.700	0.000	31.554	26.082	0.000	53.369
	17866	4	110.000	-11.530	5.988	-0.046	23.016	28.729	0.000	33.095	30.565	0.000	58.485
	18681	5	110.000	-11.691	6.493	-0.051	23.460	30.548	0.000	34.592	35.357	0.000	63.857
Plate 6-24	18681	1	110.000	-11.691	6.501	-0.051	23.455	30.578	0.000	34.566	35.357	0.000	63.857
(psp 600+pzl 610)	18682	2	110.000	-11.869	6.939	-0.056	23.904	32.145	0.000	36.127	40.940	0.000	70.065
	18683	3	110.000	-12.047	7.329	-0.061	24.297	33.535	0.000	37.548	46.787	0.000	76.597
	18684	4	110.000	-12.225	7.679	-0.066	24.634	34.772	0.000	38.858	52.869	0.000	83.400
	18967	5	110.000	-12.403	7.995	-0.071	24.916	35.882	0.000	40.120	59.156	0.000	90.416
Plate 6-25	18967	1	110.000	-12.403	8.020	-0.071	24.921	35.974	0.000	40.035	59.156	0.000	90.416
(psp 600+pzl 610)	18968	2	110.000	-12.599	8.695	-0.076	25.170	38.372	0.000	41.835	66.423	0.000	98.336
	18969	3	110.000	-12.795	9.535	-0.081	25.354	41.365	0.000	43.955	74.236	0.000	106.456
	18970	4	110.000	-12.991	10.458	-0.086	25.475	44.651	0.000	45.915	82.656	0.000	114.623
	20151	5	110.000	-13.187	11.381	-0.091	25.537	47.931	0.000	48.018	91.729	0.000	122.718
Plate 6-26	20151	1	110.000	-13.187	11.328	-0.091	25.522	47.741	0.000	47.797	91.729	0.000	122.718
(psp 600+pzl 610)	20152	2	110.000	-13.403	12.022	-0.096	25.593	50.159	0.000	50.159	102.334	0.000	131.354
	20153	3	110.000	-13.618	11.990	-0.100	25.501	49.926	0.000	49.926	113.181	0.000	139.464
	20154	4	110.000	-13.834	11.216	-0.104	25.223	46.984	0.000	46.984	123.685	0.000	146.910
	21141	5	110.000	-14.050	9.686	-0.108	24.746	41.273	0.000	41.273	133.254	0.000	153.558
Plate 6-27	21141	1	110.000	-14.050	9.517	-0.108	24.599	40.653	0.000	40.653	133.254	0.000	153.558
(psp 600+pzl 610)	21142	2	110.000	-14.287	6.961	-0.112	23.871	31.118	0.000	31.118	141.867	0.000	159.182
	21143	3	110.000	-14.525	3.146	-0.198	22.943	16.890	0.000	16.890	147.665	0.000	162.418
	21144	4	110.000	-14.762	-1.952	-4.023	21.960	-2.114	-12.740	0.000	149.515	0.000	162.207
	21331	5	110.000	-15.000	-8.354	-9.784	21.069	-25.977	-30.740	0.000	146.277	0.000	157.688
Plate 7-28	21331	1	110.000	-15.000	-8.852	-9.743	21.988	-27.620	-32.087	0.000	146.277	0.000	157.688
(psp 600+pzl 610)	21332	2	110.000	-15.250	-7.717	-8.388	22.053	-29.720	-33.815	0.000	139.107	0.000	149.565
	21333	3	110.000	-15.500	-6.778	-7.228	22.057	-31.637	-35.399	0.000	131.431	0.000	140.990
	21334	4	110.000	-15.750	-5.988	-6.376	22.004	-33.362	-36.866	0.000	123.301	0.000	132.008
	22335	5	110.000	-16.000	-5.305	-5.645	21.896	-34.884	-38.157	0.000	114.768	0.000	122.668
Plate 7-29	22335	1	110.000	-16.000	-5.302	-5.641	21.898	-34.876	-38.145	0.000	114.768	0.000	122.668

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [kNm/m]	M <sub>max</sub> [kNm/m]
(psp 600+pzi 610)	22336	2	110.000	-16.250	-4.539	-4.839	21.742	-36.190	-39.245	0.000	105.882	0.000	113.015
	22337	3	110.000	-16.500	-3.881	-4.158	21.534	-37.299	-40.146	0.000	96.690	0.000	103.094
	22338	4	110.000	-16.750	-3.333	-3.595	21.275	-38.202	-40.867	0.000	87.245	0.000	93.008
	23097	5	110.000	-17.000	-2.900	-3.151	20.963	-38.896	-41.377	0.000	77.606	0.000	82.778
Plate 7-30	23097	1	110.000	-17.000	-2.909	-3.157	20.962	-38.848	-41.331	0.000	77.606	0.000	82.778
(psp 600+pzi 610)	23098	2	110.000	-17.250	-2.588	-2.818	20.597	-39.380	-41.633	0.000	67.824	0.000	72.430
	23099	3	110.000	-17.500	-2.405	-2.615	20.175	-39.551	-41.625	0.000	57.945	0.000	62.017
	23100	4	110.000	-17.750	-2.364	-2.551	19.698	-39.290	-41.234	0.000	48.080	0.000	51.649
	24335	5	110.000	-18.000	-2.470	-2.630	19.164	-38.527	-40.352	0.000	38.343	0.000	41.444
Plate 8-31	24335	1	110.000	-18.000	-2.686	-2.840	19.154	-38.346	-40.163	0.000	38.343	0.000	41.444
(psp 600+pzi 610)	24338	2	110.000	-18.250	-1.657	-1.796	17.145	-32.754	-34.662	0.000	29.465	0.000	32.138
	24337	3	110.000	-18.500	-0.777	-0.917	15.040	-27.539	-29.486	0.000	21.935	0.000	24.167
	24336	4	110.000	-18.750	-0.085	-0.234	12.838	-22.711	-24.642	0.000	15.660	0.000	17.527
	24907	5	110.000	-19.000	0.381	-0.056	10.539	-18.276	-20.267	0.000	10.546	0.000	11.979
Plate 8-32	24907	1	110.000	-19.000	0.380	-0.056	10.525	-18.434	-20.279	0.000	10.546	0.000	11.979
(psp 600+pzi 610)	24908	2	110.000	-19.250	0.444	-0.103	8.126	-14.011	-16.400	0.000	6.507	0.000	7.415
	24909	3	110.000	-19.500	0.221	-0.365	5.583	-10.207	-12.393	0.000	3.488	0.000	3.846
	24910	4	110.000	-19.750	-0.117	-0.437	2.888	-6.912	-7.773	0.000	1.360	0.000	1.440
	24911	5	110.000	-20.000	-0.395	-0.395	0.032	-4.015	-4.043	0.000	0.000	0.000	0.000

### 3.1.1.1.13 Calculation results, Plate, SLU A2 M2 R2 [Phase\_9] (27/508), Table of plate force envelopes

[illegible]



Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [10 <sup>-3</sup> kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [kNm/m]	M <sub>max</sub> [kNm/m]
	14407	5	110.000	-6.300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Plate 4-12	14407	1	110.000	-6.300	0.003	-18.283	0.005	0.006	-0.066	0.010	0.000	0.000	0.000
(psp 600+pzi 610)	14408	2	110.000	-6.385	0.019	-26.397	0.075	0.046	-0.183	0.128	0.002	-0.007	0.004
	14409	3	110.000	-6.470	0.029	-59.019	0.182	0.068	-0.460	0.200	0.007	-0.033	0.018
	14410	4	110.000	-6.555	0.035	-103.305	0.283	0.082	-1.018	0.232	0.014	-0.087	0.035
	14431	5	110.000	-6.640	0.040	-186.190	0.354	0.095	-1.791	0.377	0.021	-0.202	0.046
Plate 4-13	14431	1	110.000	-6.640	0.045	-178.133	0.352	0.108	-1.762	0.326	0.021	-0.202	0.046
(psp 600+pzi 610)	14432	2	110.000	-6.730	0.068	-287.278	0.342	0.162	-2.780	0.197	0.033	-0.405	0.064
	14433	3	110.000	-6.820	0.092	-449.515	0.308	0.219	-4.010	0.220	0.051	-0.708	0.055
	14434	4	110.000	-6.910	0.114	-622.677	0.251	0.273	-5.431	0.273	0.073	-1.125	0.073
	15335	5	110.000	-7.000	0.133	-803.972	0.176	0.317	-7.008	0.317	0.099	-1.681	0.099
Plate 5-14	15335	1	110.000	-7.000	0.139	-846.526	0.180	0.274	-7.092	0.274	0.099	-1.681	0.099
(psp 600+pzi 610)	15336	2	110.000	-7.097	-0.066	-677.981	0.379	-0.486	-7.887	0.097	0.083	-2.395	0.083
	15337	3	110.000	-7.193	0.001	-221.029	0.912	-0.603	-8.476	0.108	0.026	-3.146	0.055
	15338	4	110.000	-7.290	0.327	0.000	1.750	-0.135	-8.514	0.116	-0.014	-3.921	0.066
	15577	5	110.000	-7.387	0.899	0.000	2.861	0.857	-8.005	0.857	0.017	-4.659	0.077
Plate 5-15	15577	1	110.000	-7.387	0.801	0.000	2.744	0.753	-8.119	0.753	0.017	-4.659	0.077
(psp 600+pzi 610)	15578	2	110.000	-7.485	1.493	0.000	3.948	2.188	-7.285	2.188	0.160	-5.387	0.160
	15579	3	110.000	-7.583	2.144	0.000	5.081	3.707	-6.378	3.707	0.450	-6.036	0.450
	15580	4	110.000	-7.682	2.772	0.000	6.212	5.284	-5.417	5.284	0.891	-6.616	0.891
	16271	5	110.000	-7.780	3.394	0.000	7.321	6.898	-4.422	6.898	1.490	-7.100	1.490
Plate 5-16	16271	1	110.000	-7.780	3.387	0.000	7.294	6.889	-4.431	6.889	1.490	-7.100	1.490
(psp 600+pzi 610)	16272	2	110.000	-7.880	3.989	0.000	8.386	8.572	-3.384	8.572	2.262	-7.490	2.262
	16273	3	110.000	-7.980	4.592	0.000	9.399	10.265	-2.333	10.265	3.204	-7.776	3.204
	16274	4	110.000	-8.080	5.188	0.000	10.354	11.962	-1.282	11.962	4.315	-7.957	4.315
	16681	5	110.000	-8.180	5.774	0.000	11.276	13.660	-0.235	13.660	5.596	-8.033	5.596
Plate 5-17	16681	1	110.000	-8.180	5.776	0.000	11.276	13.655	-0.239	13.655	5.596	-8.033	5.596
(psp 600+pzi 610)	16682	2	110.000	-8.281	6.358	0.000	12.231	15.365	0.000	15.365	7.071	-8.004	7.071
	16683	3	110.000	-8.383	6.927	0.000	13.154	17.054	0.000	17.054	8.719	-7.870	8.719

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [10 <sup>-3</sup> kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [kNm/m]	M <sub>max</sub> [kNm/m]
	16684	4	110.000	-8.485	7.484	0.000	14.041	18.719	0.000	18.719	10.538	-7.633	10.538
	16722	5	110.000	-8.586	8.029	0.000	14.886	20.361	0.000	20.361	12.524	-7.296	12.524
Plate 5-18	16722	1	110.000	-8.586	8.029	0.000	14.883	20.361	0.000	20.361	12.524	-7.296	12.524
(psp 600+pzl 610)	16724	2	110.000	-8.690	8.569	0.000	15.690	22.003	0.000	22.003	14.714	-6.852	14.714
	16725	3	110.000	-8.793	9.095	0.000	16.445	23.620	0.000	23.620	17.073	-6.309	17.073
	16726	4	110.000	-8.897	9.607	0.000	17.146	25.210	0.000	25.210	19.598	-5.669	19.598
	16723	5	110.000	-9.000	10.106	0.000	17.791	26.774	0.000	26.774	22.285	-4.935	22.285
Plate 6-19	16723	1	110.000	-9.000	10.108	0.000	17.784	26.777	0.000	26.777	22.285	-4.935	22.285
(psp 600+pzl 610)	16704	2	110.000	-9.110	10.763	0.000	18.517	28.419	0.000	28.419	25.319	-4.060	25.319
	16705	3	110.000	-9.220	11.413	0.000	19.239	30.050	0.000	30.050	28.535	-3.097	28.535
	16706	4	110.000	-9.330	12.059	0.000	19.948	31.670	0.000	31.670	31.930	-2.049	31.930
	16801	5	110.000	-9.440	12.700	0.000	20.641	33.276	0.000	33.276	35.501	-0.918	35.501
Plate 6-20	16801	1	110.000	-9.440	12.699	0.000	20.640	33.275	0.000	33.275	35.501	-0.918	35.501
(psp 600+pzl 610)	16802	2	110.000	-9.561	13.397	0.000	21.379	35.025	0.000	35.025	39.636	0.000	39.636
	16803	3	110.000	-9.682	14.087	0.000	22.096	36.755	0.000	36.755	43.983	0.000	43.983
	16804	4	110.000	-9.803	14.769	0.000	22.791	38.464	0.000	38.464	48.539	0.000	48.539
	16831	5	110.000	-9.924	15.440	-2.227	23.463	40.148	0.000	40.148	53.298	0.000	53.298
Plate 6-21	16831	1	110.000	-9.924	15.440	-2.227	23.463	40.146	0.000	40.146	53.298	0.000	53.298
(psp 600+pzl 610)	16832	2	110.000	-10.058	16.168	-4.731	24.177	41.971	0.000	41.971	58.771	0.000	58.771
	16833	3	110.000	-10.191	16.881	-7.208	24.864	43.758	0.000	43.758	64.488	0.000	64.488
	16834	4	110.000	-10.324	17.578	-9.654	25.524	45.506	0.000	45.506	70.441	0.000	70.441
	16849	5	110.000	-10.458	18.259	-12.070	26.155	47.213	0.000	47.213	76.621	0.000	76.621
Plate 6-22	16849	1	110.000	-10.458	18.257	-12.070	26.154	47.208	0.000	47.208	76.621	0.000	76.621
(psp 600+pzl 610)	16850	2	110.000	-10.604	18.987	-16.183	26.819	49.037	0.000	49.037	83.685	0.000	83.685
	16851	3	110.000	-10.751	19.687	-21.081	27.447	50.791	0.000	50.791	91.015	0.000	91.015
	16852	4	110.000	-10.898	20.356	-25.915	28.038	52.467	0.000	52.467	98.596	0.000	98.596
	17863	5	110.000	-11.045	20.992	-30.683	28.590	54.060	0.000	54.060	106.415	0.000	106.415
Plate 6-23	17863	1	110.000	-11.045	20.989	-30.682	28.588	54.048	0.000	54.048	106.415	0.000	106.415
(psp 600+pzl 610)	17864	2	110.000	-11.206	21.662	-35.852	29.144	55.679	0.000	55.679	115.283	0.000	115.283



Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [10 <sup>-3</sup> kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [kNm/m]	M <sub>max</sub> [kNm/m]
	17865	3	110.000	-11.368	22.291	-40.935	29.640	57.149	0.000	57.149	124.405	0.000	124.405
	17866	4	110.000	-11.530	22.872	-45.926	30.075	58.453	0.000	58.453	133.752	0.000	133.752
	18681	5	110.000	-11.691	23.403	-50.822	30.447	59.585	0.000	59.585	143.291	0.000	143.291
Plate 6-24	18681	1	110.000	-11.691	23.385	-50.820	30.432	59.536	0.000	59.536	143.291	0.000	143.291
(psp 600+pzl 610)	18682	2	110.000	-11.869	23.913	-56.094	30.791	60.587	0.000	60.587	153.983	0.000	153.983
	18683	3	110.000	-12.047	24.304	-61.240	31.025	61.229	0.000	61.229	164.832	0.000	164.832
	18684	4	110.000	-12.225	24.546	-66.251	31.118	61.434	0.000	61.434	175.755	0.000	175.755
	18967	5	110.000	-12.403	24.630	-71.123	31.057	61.173	0.000	61.173	186.669	0.000	186.669
Plate 6-25	18967	1	110.000	-12.403	24.599	-71.118	31.036	61.087	0.000	61.087	186.669	0.000	186.669
(psp 600+pzl 610)	18968	2	110.000	-12.599	24.480	-76.314	30.787	60.186	0.000	60.186	198.562	0.000	198.562
	18969	3	110.000	-12.795	24.076	-81.315	30.319	58.447	0.000	58.447	210.199	0.000	210.199
	18970	4	110.000	-12.991	23.414	-86.116	29.673	55.934	0.000	55.934	221.421	0.000	221.421
	20151	5	110.000	-13.187	22.521	-90.712	28.887	52.709	0.000	52.709	232.073	0.000	232.073
Plate 6-26	20151	1	110.000	-13.187	22.646	-90.701	29.024	52.689	0.000	52.689	232.073	0.000	232.073
(psp 600+pzl 610)	20152	2	110.000	-13.403	21.042	-95.506	27.688	47.882	0.000	47.882	242.954	0.000	242.954
	20153	3	110.000	-13.618	19.189	-100.009	26.235	41.193	0.000	41.193	252.595	0.000	252.595
	20154	4	110.000	-13.834	17.154	-104.204	25.223	32.709	0.000	32.709	260.603	0.000	260.603
	21141	5	110.000	-14.050	15.002	-108.081	24.746	22.513	0.000	22.513	266.587	0.000	266.587
Plate 6-27	21141	1	110.000	-14.050	14.641	-108.050	24.599	21.284	0.000	21.284	266.587	0.000	266.587
(psp 600+pzl 610)	21142	2	110.000	-14.287	12.195	-111.925	23.871	7.826	0.000	9.359	270.120	0.000	270.120
	21143	3	110.000	-14.525	9.433	-115.275	22.943	-9.641	-9.641	2.817	269.987	0.000	269.987
	21144	4	110.000	-14.762	6.356	-118.085	21.960	-31.235	-31.235	0.000	265.213	0.000	265.213
	21331	5	110.000	-15.000	2.965	-120.340	21.069	-57.075	-57.075	0.000	254.813	0.000	254.813
Plate 7-28	21331	1	110.000	-15.000	3.450	-120.351	21.988	-58.318	-58.318	0.000	254.813	0.000	254.813
(psp 600+pzl 610)	21332	2	110.000	-15.250	4.343	-120.256	22.053	-60.361	-60.361	0.000	239.976	0.000	239.976
	21333	3	110.000	-15.500	5.103	-119.884	22.057	-62.150	-62.150	0.000	224.653	0.000	224.653
	21334	4	110.000	-15.750	5.736	-119.240	22.004	-63.669	-63.669	0.000	208.916	0.000	208.916
	22335	5	110.000	-16.000	6.249	-118.332	21.896	-64.899	-64.899	0.000	192.843	0.000	192.843
Plate 7-29	22335	1	110.000	-16.000	6.257	-118.336	21.898	-64.888	-64.888	0.000	192.843	0.000	192.843

Structural element	Node [10 <sup>3</sup> ]	Local number	X [m]	Y [m]	N [kN/m]	N <sub>min</sub> [10 <sup>-3</sup> kN/m]	N <sub>max</sub> [kN/m]	Q [kN/m]	Q <sub>min</sub> [kN/m]	Q <sub>max</sub> [kN/m]	M [kNm/m]	M <sub>min</sub> [kNm/m]	M <sub>max</sub> [kNm/m]
(psp 600+pzi 610)	22336	2	110.000	-16.250	6.677	-117.180	21.742	-65.807	-65.807	0.000	176.503	0.000	176.503
	22337	3	110.000	-16.500	7.002	-115.768	21.534	-66.382	-66.382	0.000	159.968	0.000	159.968
	22338	4	110.000	-16.750	7.233	-114.101	21.275	-66.608	-66.608	0.000	143.333	0.000	143.333
	23097	5	110.000	-17.000	7.370	-112.180	20.963	-66.478	-66.478	0.000	126.693	0.000	126.693
Plate 7-30	23097	1	110.000	-17.000	7.370	-112.180	20.962	-66.435	-66.435	0.000	126.693	0.000	126.693
(psp 600+pzi 610)	23098	2	110.000	-17.250	7.417	-110.001	20.597	-65.933	-65.933	0.000	110.141	0.000	110.141
	23099	3	110.000	-17.500	7.369	-107.569	20.175	-64.897	-64.897	0.000	93.771	0.000	93.771
	23100	4	110.000	-17.750	7.225	-104.887	19.698	-63.305	-63.305	0.000	77.731	0.000	77.731
	24335	5	110.000	-18.000	6.982	-101.960	19.164	-61.131	-61.131	0.000	62.168	0.000	62.168
Plate 8-31	24335	1	110.000	-18.000	6.700	-101.922	19.154	-60.944	-60.944	0.000	62.168	0.000	62.168
(psp 600+pzi 610)	24338	2	110.000	-18.250	6.463	-91.176	17.145	-52.826	-52.826	0.000	47.959	0.000	47.959
	24337	3	110.000	-18.500	5.865	-79.938	15.040	-45.133	-45.133	0.000	35.719	0.000	35.719
	24336	4	110.000	-18.750	4.980	-68.206	12.838	-37.826	-37.826	0.000	25.355	0.000	25.355
	24907	5	110.000	-19.000	3.884	-55.974	10.539	-30.868	-30.868	0.000	16.777	0.000	16.777
Plate 8-32	24907	1	110.000	-19.000	3.969	-55.910	10.525	-30.713	-30.713	0.000	16.777	0.000	16.777
(psp 600+pzi 610)	24908	2	110.000	-19.250	2.871	-43.117	8.126	-24.068	-24.068	0.000	9.927	0.000	9.927
	24909	3	110.000	-19.500	1.816	-29.559	5.583	-17.095	-17.095	0.000	4.769	0.000	4.769
	24910	4	110.000	-19.750	0.830	-15.222	2.888	-9.645	-9.645	0.000	1.417	0.000	1.417
	24911	5	110.000	-20.000	-0.060	-59.800	0.032	-1.569	-1.569	0.000	0.000	0.000	0.000

# VERIFICHE STRUTTURALI PALANCOLATO

GEOMETRIA DELLA SEZIONE: Psp600 form 12 (con gargami)		
Caratteristiche geometriche e statiche per ciascuna sezione resistente		
Descrizione	Psp600	
base b	503,00	mm
altezza h	600,00	mm
Spessore medio anima tw	14,00	mm
smessore medio ali tf	17,00	mm
r= raggio di raccordo	20,00	mm
Peso totale del palancolato per sezione	363,90	kg/ml
Area lorda	286,00	cmq
Perimetro esterno	3390,00	mm
Jy	194680	cm <sup>4</sup>
Jz	53740	cm <sup>4</sup>
Wy,el	5570,00	cm <sup>3</sup>
Wz, el	1980,00	cm <sup>3</sup>
i = raggio d'inerzia Y = radq(J/A)	26,09	cm
i = raggio d'inerzia z	13,71	cm
Jt	218,07	cm4
Jomega ( costante ingobbamento)	45664087,15	cm <sup>6</sup>
Momento statico	3053239,5	mm3
lunghezza palancola	15	m
Interasse profili	1,68	m

Denominazione	S355	
fyk	355	N/mmq
ftk	490	N/mmq
γM0	1,05	
γM1	1,05	
E	210000,00	N/mmq
G=E/2*(1+ν)	80769	N/mmq
ν = coeff poisson	0,3	

Coefficienti per verifiche ad instabilità per travi ad H presso-inflesse

λ	1021,32	
λ segnato Y	1,3373	
Φ flessione Y-Y	1,5876	
Φ flessione Z-Z	1,6729	
α per inflessione attorno a Y-Y	0,34	
α per inflessione attorno a Z-Z	0,49	
χY	0,4093	
χZ	0,3734	
lunghezza libera di inflessione l0	14000	mm
Ncr,Y	5677016,8286	N
χ LT	0,4479	
Φ LT	1,1969	
α LT	0,34	curva b
β	0,75	
f	0,9736	
Kc	0,94	per momenti di estre
λ LT,0	0,4	
λ LT , segnato	0,5541	
Lcr = lunghezza critica	14000	mm
ψ	1,75	
EJω	9,5895E+18	N mm4
EJy	4,0883E+14	N mmq
GJt	1,7614E+11	N mmq
Mcritico	6,4402E+09	N mm

CALCOLO AREA RESISTENTE A TAGLIO (azione agente sull'anima)		
Av = A-2btf + (tw + 2r)*tf	12416,00	mmq
a (formula 4.2.38 delle NTC2008)	0,402	

CARICO UNIFORME con una estremità nulla

αh =Mh/Ms

0,00

Per αs =Mh/Ms, in funzione del diagramma del momento

αmy

0,9500

GEOMETRIA DELLA SEZIONE: Psp600 form 12 (con gargami)		
Caratteristiche geometriche e statiche per ciascuna sezione resistente		
Descrizione	Psp600	
base b	503,00	mm
altezza h	600,00	mm
Spessore medio anima tw	14,00	mm
smessore medio ali tf	17,00	mm
r= raggio di raccordo	20,00	mm
Peso totale del palancolato per sezione	363,90	kg/ml
Area lorda	286,00	cmq
Perimetro esterno	3390,00	mm
Jy	194680	cm <sup>4</sup>
Jz	53740	cm <sup>4</sup>
Wy,el	5570,00	cm <sup>3</sup>
Wz, el	1980,00	cm <sup>3</sup>
i = raggio d'inerzia Y = radq(J/A)	26,09	cm
i = raggio d'inerzia z	13,71	cm
Jt	218,07	cm4
Jomega ( costante ingobbamento)	45664087,15	cm <sup>6</sup>
Momento statico	3053239,5	mm3
lunghezza palancola	15	m
Interasse profili	1,68	m

Denominazione	S355	
fyk	355	N/mmq
ftk	490	N/mmq
γM0	1,05	
γM1	1,05	
E	210000,00	N/mmq
G=E/2*(1+ν)	80769	N/mmq
ν = coeff poisson	0,3	

Coefficienti per verifiche ad instabilità per travi ad H presso-inflesse

λ	1021,32	
λ segnato Y	1,3373	
Φ flessione Y-Y	1,5876	
Φ flessione Z-Z	1,6729	
α per inflessione attorno a Y-Y	0,34	
α per inflessione attorno a Z-Z	0,49	
χY	0,4093	
χZ	0,3734	
lunghezza libera di inflessione l0	14000	mm
Ncr,Y	5677016,8286	N
χ LT	0,4479	
Φ LT	1,1969	
α LT	0,34	curva b
β	0,75	
f	0,9736	
Kc	0,94	per momenti di estre
λ LT,0	0,4	
λ LT , segnato	0,5541	
Lcr = lunghezza critica	14000	mm
ψ	1,75	
EJω	9,5895E+18	N mm4
EJy	4,0883E+14	N mmq
GJt	1,7614E+11	N mmq
Mcritico	6,4402E+09	N mm

CALCOLO AREA RESISTENTE A TAGLIO (azione agente sull'anima)		
Av = A-2btf + (tw + 2r)*tf	12416,00	mmq
a (formula 4.2.38 delle NTC2008)	0,402	

CARICO UNIFORME con una estremità nulla

αh =Mh/Ms

0,00

Per αs =Mh/Ms, in funzione del diagramma del momento

αmy

0,9500

QUOTA DAL L.M.M. (m)	COMBINAZIONE	CARATTERISTICHE MECCANICHE DELLA SEZIONE				SOLLECITAZIONI a ml di paratia			SOLLECITAZIONI PER SEZIONE (in valore assoluto)		
		sezione tipo	Area resistente a compressione (mmq)	W elastico (mm <sup>3</sup> )	Area resistente a taglio (mmq)	V <sub>sd</sub> (kN)	N <sub>sd</sub> (kN)	M <sub>sd</sub> (kNm)	V <sub>sd</sub> (kN)	N <sub>sd</sub> (kN)	M <sub>sd</sub> (kNm)
-5,04	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	71,0	0,0
-5,20	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	71,0	0,0
-5,36	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	71,0	0,0
-5,36	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	71,0	0,0
-5,52	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	71,0	0,0
-5,68	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	71,0	0,0
-5,84	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	71,0	0,0
-6,00	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	71,0	0,0
-6,00	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	71,0	0,0
-6,08	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	71,0	0,0
-6,15	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	71,0	0,0
-6,23	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	71,0	0,0
-6,30	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	71,0	0,0
-6,30	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	71,0	0,0
-6,39	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	71,0	0,0
-6,47	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	71,0	0,0
-6,56	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	71,0	0,0
-6,64	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	71,0	0,0
-6,64	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	71,0	0,0
-6,73	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	71,0	0,0
-6,82	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	71,0	0,0
-6,91	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	71,0	0,0
-7,00	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	71,0	0,0
-7,00	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	-0,05	-0,03	0,00	0,10	71,0	0,0
-7,10	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	0,30	0,09	0,01	0,66	71,2	0,0
-7,19	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	0,93	0,35	0,07	2,03	71,7	0,1
-7,29	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	1,85	0,76	0,20	4,04	72,6	0,4
-7,39	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	3,09	1,30	0,44	6,74	73,8	1,0
-7,39	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	3,08	1,33	0,44	6,73	73,9	1,0
-7,49	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	4,78	2,03	0,82	10,44	75,4	1,8
-7,58	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	6,49	2,73	1,38	14,17	76,9	3,0
-7,68	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	8,20	3,44	2,10	17,92	78,5	4,6
-7,78	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	9,96	4,17	2,99	21,75	80,1	6,5
-7,78	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	9,93	4,15	2,99	21,69	80,0	6,5
-7,88	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	11,78	4,95	4,07	25,73	81,8	8,9
-7,98	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	13,66	5,76	5,35	29,83	83,5	11,7
-8,08	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	15,57	6,59	6,81	34,00	85,3	14,9
-8,18	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	17,51	7,43	8,46	38,23	87,2	18,5
-8,18	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	17,48	7,42	8,46	38,18	87,2	18,5
-8,28	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	19,37	8,22	10,33	42,30	88,9	22,6
-8,38	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	21,20	8,99	12,40	46,30	90,6	27,1
-8,48	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	22,98	9,73	14,64	50,20	92,2	32,0
-8,59	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	24,74	10,45	17,07	54,02	93,8	37,3
-8,59	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	24,73	10,44	17,07	54,00	93,8	37,3

QUOTA DAL L.M.M. (m)	COMBINAZIONE	CARATTERISTICHE MECCANICHE DELLA SEZIONE				SOLLECITAZIONI a ml di paratia			SOLLECITAZIONI PER SEZIONE (in valore assoluto)		
		sezione tipo	Area resistente a compressione (mmq)	W elastico (mm <sup>3</sup> )	Area resistente a taglio (mmq)	V <sub>sd</sub> (kN)	N <sub>sd</sub> (kN)	M <sub>sd</sub> (kNm)	V <sub>sd</sub> (kN)	N <sub>sd</sub> (kN)	M <sub>sd</sub> (kNm)
-8,69	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	26,54	11,16	19,72	57,96	95,3	43,1
-8,79	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	28,30	11,83	22,55	61,81	96,8	49,3
-8,90	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	30,00	12,45	25,57	65,52	98,1	55,8
-9,00	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	31,63	13,00	28,75	69,08	99,3	62,8
-9,00	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	31,65	13,01	28,75	69,13	99,4	62,8
-9,11	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	33,37	13,71	32,33	72,87	100,9	70,6
-9,22	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	35,08	14,40	36,09	76,62	102,4	78,8
-9,33	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	36,81	15,08	40,05	80,39	103,9	87,5
-9,44	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	38,55	15,76	44,19	84,19	105,4	96,5
-9,44	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	38,55	15,75	44,19	84,18	105,4	96,5
-9,56	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	40,50	16,50	48,98	88,46	107,0	107,0
-9,68	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	42,49	17,23	54,00	92,80	108,6	117,9
-9,80	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	44,51	17,96	59,27	97,21	110,2	129,4
-9,92	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	46,56	18,69	64,78	101,70	111,8	141,5
-9,92	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	46,56	18,69	64,78	101,70	111,8	141,5
-10,06	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	48,86	19,48	71,14	106,71	113,5	155,4
-10,19	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	51,18	20,27	77,81	111,78	115,2	169,9
-10,32	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	53,53	21,04	84,80	116,92	116,9	185,2
-10,46	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	55,91	21,81	92,09	122,11	118,6	201,1
-10,46	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	55,90	21,81	92,09	122,08	118,6	201,1
-10,60	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	58,53	22,64	100,49	127,84	120,4	219,5
-10,75	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	61,15	23,45	109,27	133,54	122,2	238,7
-10,90	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	63,73	24,24	118,44	139,18	123,9	258,7
-11,04	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	66,27	25,01	127,98	144,74	125,6	279,5
-11,04	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	66,24	25,00	127,98	144,67	125,6	279,5
-11,21	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	68,96	25,80	138,91	150,60	127,3	303,4
-11,37	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	71,47	26,55	150,26	156,10	128,9	328,2
-11,53	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	73,78	27,23	162,01	161,12	130,4	353,8
-11,69	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	75,77	27,82	174,10	165,48	131,7	380,2
-11,69	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	75,84	27,84	174,10	165,64	131,8	380,2
-11,87	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	77,66	28,42	187,76	169,61	133,0	410,1
-12,05	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	78,91	28,84	201,70	172,33	133,9	440,5
-12,23	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	79,47	29,06	215,81	173,56	134,4	471,3
-12,40	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	79,32	29,05	229,95	173,23	134,4	502,2
-12,40	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	79,17	28,95	229,95	172,92	134,2	502,2
-12,60	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	77,93	28,32	245,36	170,20	132,8	535,9
-12,80	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	75,15	26,94	260,38	164,14	129,8	568,7
-12,99	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	70,82	24,82	274,71	154,67	125,2	600,0
-13,19	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	64,90	21,94	288,03	141,73	118,9	629,1
-13,19	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	64,79	22,04	288,03	141,50	119,1	629,1
-13,40	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	57,25	19,01	301,22	125,04	112,5	657,9
-13,62	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	48,32	16,06	312,64	105,52	106,0	682,8
-13,83	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	37,77	13,11	321,95	82,48	99,6	703,1
-14,05	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	25,40	10,10	328,80	55,47	93,0	718,1

QUOTA DAL L.M.M. (m)	COMBINAZIONE	CARATTERISTICHE MECCANICHE DELLA SEZIONE				SOLLECITAZIONI a ml di paratia			SOLLECITAZIONI PER SEZIONE (in valore assoluto)		
		sezione tipo	Area resistente a compressione (mmq)	W elastico (mm <sup>3</sup> )	Area resistente a taglio (mmq)	V <sub>sd</sub> (kN)	N <sub>sd</sub> (kN)	M <sub>sd</sub> (kNm)	V <sub>sd</sub> (kN)	N <sub>sd</sub> (kN)	M <sub>sd</sub> (kNm)
-14,05	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	24,13	9,70	328,80	52,70	92,1	718,1
-14,29	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	7,40	6,02	332,62	16,17	84,1	726,4
-14,52	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	-13,59	2,25	331,98	29,68	75,9	725,1
-14,76	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	-39,39	-1,79	325,78	86,02	74,9	711,5
-15,00	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	-72,50	-4,59	312,84	158,33	81,0	683,3
-15,00	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	-70,52	-6,28	312,84	154,02	84,7	683,3
-15,25	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	-77,84	-4,40	294,03	170,01	80,6	642,2
-15,50	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	-81,82	-4,24	274,04	178,70	80,2	598,5
-15,75	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	-84,58	-4,11	253,21	184,72	79,9	553,0
-16,00	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	-86,26	-3,99	231,84	188,38	79,7	506,3
-16,00	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	-86,48	-3,98	231,84	188,87	79,7	506,3
-16,25	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	-87,82	-3,86	210,05	191,80	79,4	458,7
-16,50	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	-88,64	-3,74	187,97	193,60	79,1	410,5
-16,75	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	-88,94	-3,63	165,76	194,24	78,9	362,0
-17,00	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	-88,69	-3,53	143,55	193,71	78,7	313,5
-17,00	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	-88,62	-3,53	143,55	193,54	78,7	313,5
-17,25	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	-87,86	-3,42	121,48	191,88	78,4	265,3
-17,50	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	-86,25	-3,32	99,69	188,36	78,2	217,7
-17,75	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	-83,70	-3,22	78,42	182,79	78,0	171,3
-18,00	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	-80,13	-3,12	57,93	175,00	77,8	126,5
-18,00	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	-79,49	-3,12	57,93	173,60	77,8	126,5
-18,25	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	-61,82	-2,81	40,33	135,02	77,1	88,1
-18,50	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	-46,84	-2,49	26,79	102,29	76,4	58,5
-18,75	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	-34,32	-2,16	16,70	74,95	75,7	36,5
-19,00	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	-24,03	-1,81	9,45	52,49	74,9	20,6
-19,00	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	-24,57	-1,82	9,45	53,66	74,9	20,6
-19,25	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	-14,23	-1,41	4,63	31,08	74,0	10,1
-19,50	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	-6,76	-0,98	2,11	14,76	73,1	4,6
-19,75	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	-3,32	-0,54	0,92	7,25	72,1	2,0
-20,00	SLU_A1-M1_BT	Psp600	28600,00	5570000,00	12416,00	-5,08	-0,10	0,00	11,09	71,2	0,0



QUOTA DAL L.M.M. (m)	COMBINAZIONE	Verifica tensionale di resistenza			VERIFICA INSTABILITA'									
		sigma ideale di calcolo (N+M+T)	sigma id.max	verifica s <sub>N-M-V</sub> cl.3	kyy	Limite superiore Kyy	kzy	$\chi_y$	$\chi_z$	$\chi_{LT}$	N+M instabilità - disuguaglianza 1		N+M instabilità - disuguaglianza 2	
-5,04	SLU_A1-M1_BT	37,897	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0179	<1 - ok	0,0197	<1 - ok
-5,20	SLU_A1-M1_BT	37,897	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0179	<1 - ok	0,0197	<1 - ok
-5,36	SLU_A1-M1_BT	37,897	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0179	<1 - ok	0,0197	<1 - ok
-5,36	SLU_A1-M1_BT	37,897	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0179	<1 - ok	0,0197	<1 - ok
-5,52	SLU_A1-M1_BT	37,897	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0179	<1 - ok	0,0197	<1 - ok
-5,68	SLU_A1-M1_BT	37,897	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0179	<1 - ok	0,0197	<1 - ok
-5,84	SLU_A1-M1_BT	37,897	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0179	<1 - ok	0,0197	<1 - ok
-6,00	SLU_A1-M1_BT	37,897	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0179	<1 - ok	0,0197	<1 - ok
-6,00	SLU_A1-M1_BT	37,897	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0179	<1 - ok	0,0197	<1 - ok
-6,08	SLU_A1-M1_BT	37,897	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0179	<1 - ok	0,0197	<1 - ok
-6,15	SLU_A1-M1_BT	37,897	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0179	<1 - ok	0,0197	<1 - ok
-6,23	SLU_A1-M1_BT	37,897	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0179	<1 - ok	0,0197	<1 - ok
-6,30	SLU_A1-M1_BT	37,897	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0179	<1 - ok	0,0197	<1 - ok
-6,30	SLU_A1-M1_BT	37,897	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0179	<1 - ok	0,0197	<1 - ok
-6,39	SLU_A1-M1_BT	37,897	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0179	<1 - ok	0,0197	<1 - ok
-6,47	SLU_A1-M1_BT	37,897	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0179	<1 - ok	0,0197	<1 - ok
-6,56	SLU_A1-M1_BT	37,897	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0179	<1 - ok	0,0197	<1 - ok
-6,64	SLU_A1-M1_BT	37,897	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0179	<1 - ok	0,0197	<1 - ok
-6,64	SLU_A1-M1_BT	37,897	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0179	<1 - ok	0,0197	<1 - ok
-6,73	SLU_A1-M1_BT	37,897	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0179	<1 - ok	0,0197	<1 - ok
-6,82	SLU_A1-M1_BT	37,897	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0179	<1 - ok	0,0197	<1 - ok
-6,91	SLU_A1-M1_BT	37,897	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0179	<1 - ok	0,0197	<1 - ok
-7,00	SLU_A1-M1_BT	37,897	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0179	<1 - ok	0,0197	<1 - ok
-7,00	SLU_A1-M1_BT	38,041	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0179	<1 - ok	0,0197	<1 - ok
-7,10	SLU_A1-M1_BT	38,382	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0180	<1 - ok	0,0197	<1 - ok
-7,19	SLU_A1-M1_BT	40,060	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0183	<1 - ok	0,0200	<1 - ok
-7,29	SLU_A1-M1_BT	43,192	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0188	<1 - ok	0,0205	<1 - ok
-7,39	SLU_A1-M1_BT	48,368	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0197	<1 - ok	0,0213	<1 - ok
-7,39	SLU_A1-M1_BT	48,505	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0197	<1 - ok	0,0213	<1 - ok
-7,49	SLU_A1-M1_BT	56,989	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0211	<1 - ok	0,0225	<1 - ok
-7,58	SLU_A1-M1_BT	68,002	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0228	<1 - ok	0,0240	<1 - ok
-7,68	SLU_A1-M1_BT	81,811	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0250	<1 - ok	0,0259	<1 - ok
-7,78	SLU_A1-M1_BT	98,961	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0276	<1 - ok	0,0281	<1 - ok
-7,78	SLU_A1-M1_BT	98,728	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0276	<1 - ok	0,0280	<1 - ok
-7,88	SLU_A1-M1_BT	120,405	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0307	<1 - ok	0,0307	<1 - ok
-7,98	SLU_A1-M1_BT	146,419	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0343	<1 - ok	0,0337	<1 - ok
-8,08	SLU_A1-M1_BT	177,485	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0383	<1 - ok	0,0370	<1 - ok
-8,18	SLU_A1-M1_BT	214,083	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0428	<1 - ok	0,0408	<1 - ok
-8,18	SLU_A1-M1_BT	213,778	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0428	<1 - ok	0,0408	<1 - ok
-8,28	SLU_A1-M1_BT	255,497	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0479	<1 - ok	0,0450	<1 - ok
-8,38	SLU_A1-M1_BT	302,505	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0534	<1 - ok	0,0495	<1 - ok
-8,48	SLU_A1-M1_BT	355,230	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0593	<1 - ok	0,0544	<1 - ok
-8,59	SLU_A1-M1_BT	414,163	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0657	<1 - ok	0,0596	<1 - ok
-8,59	SLU_A1-M1_BT	413,886	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0657	<1 - ok	0,0596	<1 - ok

QUOTA DAL L.M.M. (m)	COMBINAZIONE	Verifica tensionale di resistenza			VERIFICA INSTABILITA'									
		sigma ideale di calcolo (N+M+T)	sigma id.max	verifica s <sub>N-M-V</sub> cl.3	kyy	Limite superiore Kyy	kzy	χ <sub>y</sub>	χ <sub>z</sub>	χ <sub>Lt</sub>	N+M instabilità - disuguaglianza 1		N+M instabilità - disuguaglianza 2	
-8,69	SLU_A1-M1_BT	481,576	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0726	<1 - ok	0,0652	<1 - ok
-8,79	SLU_A1-M1_BT	555,950	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0799	<1 - ok	0,0712	<1 - ok
-8,90	SLU_A1-M1_BT	636,967	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0877	<1 - ok	0,0775	<1 - ok
-9,00	SLU_A1-M1_BT	724,498	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0958	<1 - ok	0,0841	<1 - ok
-9,00	SLU_A1-M1_BT	725,025	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0958	<1 - ok	0,0841	<1 - ok
-9,11	SLU_A1-M1_BT	831,215	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1050	<1 - ok	0,0916	<1 - ok
-9,22	SLU_A1-M1_BT	948,735	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1147	<1 - ok	0,0994	<1 - ok
-9,33	SLU_A1-M1_BT	1078,543	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1248	<1 - ok	0,1076	<1 - ok
-9,44	SLU_A1-M1_BT	1221,756	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1353	<1 - ok	0,1162	<1 - ok
-9,44	SLU_A1-M1_BT	1221,675	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1353	<1 - ok	0,1161	<1 - ok
-9,56	SLU_A1-M1_BT	1396,666	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1475	<1 - ok	0,1260	<1 - ok
-9,68	SLU_A1-M1_BT	1591,035	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1603	<1 - ok	0,1364	<1 - ok
-9,80	SLU_A1-M1_BT	1806,322	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1736	<1 - ok	0,1472	<1 - ok
-9,92	SLU_A1-M1_BT	2044,040	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1876	<1 - ok	0,1585	<1 - ok
-9,92	SLU_A1-M1_BT	2044,045	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1876	<1 - ok	0,1585	<1 - ok
-10,06	SLU_A1-M1_BT	2333,791	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,2037	<1 - ok	0,1714	<1 - ok
-10,19	SLU_A1-M1_BT	2655,240	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,2205	<1 - ok	0,1850	<1 - ok
-10,32	SLU_A1-M1_BT	3010,675	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,2381	<1 - ok	0,1993	<1 - ok
-10,46	SLU_A1-M1_BT	3402,445	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,2565	<1 - ok	0,2141	<1 - ok
-10,46	SLU_A1-M1_BT	3402,084	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,2565	<1 - ok	0,2141	<1 - ok
-10,60	SLU_A1-M1_BT	3878,487	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,2776	<1 - ok	0,2311	<1 - ok
-10,75	SLU_A1-M1_BT	4404,136	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,2997	<1 - ok	0,2489	<1 - ok
-10,90	SLU_A1-M1_BT	4981,637	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,3227	<1 - ok	0,2674	<1 - ok
-11,04	SLU_A1-M1_BT	5613,505	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,3466	<1 - ok	0,2866	<1 - ok
-11,04	SLU_A1-M1_BT	5612,126	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,3466	<1 - ok	0,2866	<1 - ok
-11,21	SLU_A1-M1_BT	6371,976	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,3739	<1 - ok	0,3086	<1 - ok
-11,37	SLU_A1-M1_BT	7197,206	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,4022	<1 - ok	0,3314	<1 - ok
-11,53	SLU_A1-M1_BT	8087,537	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,4315	<1 - ok	0,3550	<1 - ok
-11,69	SLU_A1-M1_BT	9036,826	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,4616	<1 - ok	0,3791	<1 - ok
-11,69	SLU_A1-M1_BT	9041,936	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,4616	<1 - ok	0,3791	<1 - ok
-11,87	SLU_A1-M1_BT	10156,119	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,4955	<1 - ok	0,4063	<1 - ok
-12,05	SLU_A1-M1_BT	11323,696	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,5300	<1 - ok	0,4341	<1 - ok
-12,23	SLU_A1-M1_BT	12521,681	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,5649	<1 - ok	0,4619	<1 - ok
-12,40	SLU_A1-M1_BT	13729,379	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,5996	<1 - ok	0,4898	<1 - ok
-12,40	SLU_A1-M1_BT	13708,340	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,5996	<1 - ok	0,4897	<1 - ok
-12,60	SLU_A1-M1_BT	14959,731	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,6371	<1 - ok	0,5196	<1 - ok
-12,80	SLU_A1-M1_BT	16068,568	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,6733	<1 - ok	0,5484	<1 - ok
-12,99	SLU_A1-M1_BT	16996,455	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,7074	<1 - ok	0,5753	<1 - ok
-13,19	SLU_A1-M1_BT	17712,959	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,7386	<1 - ok	0,5998	<1 - ok
-13,19	SLU_A1-M1_BT	17726,863	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,7387	<1 - ok	0,5998	<1 - ok
-13,40	SLU_A1-M1_BT	18430,683	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,7694	<1 - ok	0,6239	<1 - ok
-13,62	SLU_A1-M1_BT	19004,651	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,7959	<1 - ok	0,6446	<1 - ok
-13,83	SLU_A1-M1_BT	19400,537	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,8172	<1 - ok	0,6612	<1 - ok
-14,05	SLU_A1-M1_BT	19576,676	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,8324	<1 - ok	0,6728	<1 - ok

QUOTA DAL L.M.M. (m)	COMBINAZIONE	Verifica tensionale di resistenza			VERIFICA INSTABILITA'									
		sigma ideale di calcolo (N+M+T)	sigma id.max	verifica s <sub>N-M-V</sub> cl.3	kyy	Limite superiore Kyy	kzy	$\chi_y$	$\chi_z$	$\chi_{LT}$	N+M instabilità - disuguaglianza 1		N+M instabilità - disuguaglianza 2	
-14,05	SLU_A1-M1_BT	19509,602	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,8321	<1 - ok	0,6726	<1 - ok
-14,29	SLU_A1-M1_BT	19349,885	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,8395	<1 - ok	0,6779	<1 - ok
-14,52	SLU_A1-M1_BT	18859,453	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,8358	<1 - ok	0,6744	<1 - ok
-14,76	SLU_A1-M1_BT	18393,603	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,8203	<1 - ok	0,6619	<1 - ok
-15,00	SLU_A1-M1_BT	18022,054	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,7901	<1 - ok	0,6381	<1 - ok
-15,00	SLU_A1-M1_BT	18167,751	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,7910	<1 - ok	0,6391	<1 - ok
-15,25	SLU_A1-M1_BT	16272,294	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,7437	<1 - ok	0,6010	<1 - ok
-15,50	SLU_A1-M1_BT	14500,747	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,6944	<1 - ok	0,5615	<1 - ok
-15,75	SLU_A1-M1_BT	12753,417	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,6431	<1 - ok	0,5204	<1 - ok
-16,00	SLU_A1-M1_BT	11070,466	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,5904	<1 - ok	0,4783	<1 - ok
-16,00	SLU_A1-M1_BT	11076,970	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,5904	<1 - ok	0,4783	<1 - ok
-16,25	SLU_A1-M1_BT	9496,536	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,5368	<1 - ok	0,4354	<1 - ok
-16,50	SLU_A1-M1_BT	8030,478	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,4824	<1 - ok	0,3918	<1 - ok
-16,75	SLU_A1-M1_BT	6691,661	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,4277	<1 - ok	0,3481	<1 - ok
-17,00	SLU_A1-M1_BT	5489,435	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,3730	<1 - ok	0,3043	<1 - ok
-17,00	SLU_A1-M1_BT	5486,998	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,3730	<1 - ok	0,3043	<1 - ok
-17,25	SLU_A1-M1_BT	4427,863	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,3186	<1 - ok	0,2608	<1 - ok
-17,50	SLU_A1-M1_BT	3504,060	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,2650	<1 - ok	0,2178	<1 - ok
-17,75	SLU_A1-M1_BT	2716,037	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,2126	<1 - ok	0,1759	<1 - ok
-18,00	SLU_A1-M1_BT	2059,448	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1621	<1 - ok	0,1355	<1 - ok
-18,00	SLU_A1-M1_BT	2040,996	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1621	<1 - ok	0,1355	<1 - ok
-18,25	SLU_A1-M1_BT	1218,991	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1187	<1 - ok	0,1007	<1 - ok
-18,50	SLU_A1-M1_BT	705,178	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0852	<1 - ok	0,0739	<1 - ok
-18,75	SLU_A1-M1_BT	395,042	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0602	<1 - ok	0,0538	<1 - ok
-19,00	SLU_A1-M1_BT	215,375	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0422	<1 - ok	0,0393	<1 - ok
-19,00	SLU_A1-M1_BT	220,133	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0422	<1 - ok	0,0393	<1 - ok
-19,25	SLU_A1-M1_BT	108,937	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0301	<1 - ok	0,0296	<1 - ok
-19,50	SLU_A1-M1_BT	62,407	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0237	<1 - ok	0,0244	<1 - ok
-19,75	SLU_A1-M1_BT	47,184	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0205	<1 - ok	0,0218	<1 - ok
-20,00	SLU_A1-M1_BT	42,972	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0180	<1 - ok	0,0197	<1 - ok

QUOTA DAL L.M.M. (m)	COMBINAZIONE	CARATTERISTICHE MECCANICHE DELLA SEZIONE				SOLLECITAZIONI a ml di paratia			SOLLECITAZIONI PER SEZIONE (in valore assoluto)		
		sezione tipo	Area resistente a compressione (mmq)	W elastico (mm <sup>3</sup> )	Area resistente a taglio (mmq)	V <sub>sd</sub> (kN)	N <sub>sd</sub> (kN)	M <sub>sd</sub> (kNm)	V <sub>sd</sub> (kN)	N <sub>sd</sub> (kN)	M <sub>sd</sub> (kNm)
-5,04	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	54,6	0,0
-5,20	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	54,6	0,0
-5,36	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	54,6	0,0
-5,36	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	54,6	0,0
-5,52	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	54,6	0,0
-5,68	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	54,6	0,0
-5,84	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	54,6	0,0
-6,00	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	54,6	0,0
-6,00	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	54,6	0,0
-6,08	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	54,6	0,0
-6,15	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	54,6	0,0
-6,23	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	54,6	0,0
-6,30	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	54,6	0,0
-6,30	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	0,01	0,01	0,00	0,02	54,6	0,0
-6,39	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	-0,02	-0,01	0,00	0,03	54,6	0,0
-6,47	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	-0,03	-0,01	0,00	0,05	54,6	0,0
-6,56	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	-0,03	-0,01	-0,01	0,05	54,6	0,0
-6,64	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	-0,02	-0,01	-0,01	0,03	54,6	0,0
-6,64	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	-0,02	-0,01	-0,01	0,03	54,6	0,0
-6,73	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	0,08	0,03	0,00	0,13	54,6	0,0
-6,82	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	0,07	0,03	0,00	0,12	54,6	0,0
-6,91	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	0,03	0,02	0,01	0,05	54,6	0,0
-7,00	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	0,26	0,11	0,01	0,44	54,8	0,0
-7,00	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	0,01	0,01	0,01	0,01	54,6	0,0
-7,10	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	1,13	0,37	0,08	1,91	55,2	0,1
-7,19	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	1,97	0,61	0,23	3,31	55,6	0,4
-7,29	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	2,79	0,84	0,46	4,69	56,0	0,8
-7,39	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	3,60	1,05	0,77	6,05	56,4	1,3
-7,39	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	3,68	1,09	0,77	6,19	56,4	1,3
-7,49	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	4,68	1,39	1,18	7,87	56,9	2,0
-7,58	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	5,72	1,70	1,69	9,62	57,4	2,8
-7,68	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	6,83	2,03	2,31	11,47	58,0	3,9
-7,78	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	8,02	2,40	3,03	13,48	58,6	5,1
-7,78	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	8,05	2,41	3,03	13,53	58,6	5,1
-7,88	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	9,68	2,96	3,92	16,26	59,6	6,6
-7,98	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	11,40	3,54	4,97	19,15	60,5	8,4
-8,08	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	13,20	4,15	6,20	22,17	61,6	10,4
-8,18	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	15,05	4,78	7,61	25,29	62,6	12,8
-8,18	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	15,02	4,77	7,61	25,24	62,6	12,8
-8,28	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	16,84	5,37	9,23	28,28	63,6	15,5
-8,38	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	18,62	5,95	11,04	31,28	64,6	18,5
-8,48	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	20,38	6,51	13,02	34,24	65,5	21,9
-8,59	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	22,13	7,05	15,18	37,17	66,4	25,5
-8,59	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	22,14	7,06	15,18	37,19	66,4	25,5

QUOTA DAL L.M.M. (m)	COMBINAZIONE	CARATTERISTICHE MECCANICHE DELLA SEZIONE				SOLLECITAZIONI a ml di paratia			SOLLECITAZIONI PER SEZIONE (in valore assoluto)		
		sezione tipo	Area resistente a compressione (mmq)	W elastico (mm <sup>3</sup> )	Area resistente a taglio (mmq)	V <sub>sd</sub> (kN)	N <sub>sd</sub> (kN)	M <sub>sd</sub> (kNm)	V <sub>sd</sub> (kN)	N <sub>sd</sub> (kN)	M <sub>sd</sub> (kNm)
-8,69	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	23,96	7,63	17,56	40,25	67,4	29,5
-8,79	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	25,75	8,17	20,13	43,26	68,3	33,8
-8,90	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	27,51	8,69	22,89	46,21	69,2	38,4
-9,00	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	29,21	9,17	25,82	49,07	70,0	43,4
-9,00	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	29,23	9,17	25,82	49,10	70,0	43,4
-9,11	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	31,02	9,89	29,13	52,12	71,2	48,9
-9,22	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	32,83	10,61	32,64	55,16	72,4	54,8
-9,33	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	34,66	11,34	36,35	58,23	73,6	61,1
-9,44	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	36,51	12,08	40,27	61,34	74,9	67,6
-9,44	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	36,51	12,08	40,27	61,34	74,9	67,6
-9,56	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	38,60	12,91	44,81	64,85	76,3	75,3
-9,68	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	40,72	13,76	49,62	68,42	77,7	83,4
-9,80	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	42,89	14,62	54,68	72,05	79,1	91,9
-9,92	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	45,09	15,50	60,01	75,75	80,6	100,8
-9,92	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	45,08	15,50	60,01	75,74	80,6	100,8
-10,06	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	47,54	16,47	66,18	79,87	82,3	111,2
-10,19	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	50,03	17,46	72,68	84,04	83,9	122,1
-10,32	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	52,53	18,46	79,52	88,26	85,6	133,6
-10,46	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	55,05	19,47	86,69	92,49	87,3	145,6
-10,46	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	55,06	19,47	86,69	92,51	87,3	145,6
-10,60	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	57,85	20,58	94,98	97,19	89,2	159,6
-10,75	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	60,62	21,68	103,68	101,83	91,0	174,2
-10,90	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	63,34	22,77	112,78	106,41	92,8	189,5
-11,04	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	66,02	23,84	122,27	110,91	94,6	205,4
-11,04	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	65,98	23,82	122,27	110,85	94,6	205,4
-11,21	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	68,82	24,96	133,17	115,62	96,5	223,7
-11,37	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	71,45	26,00	144,51	120,03	98,3	242,8
-11,53	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	73,83	26,95	156,25	124,04	99,9	262,5
-11,69	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	75,97	27,81	168,36	127,62	101,3	282,8
-11,69	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	75,89	27,78	168,36	127,50	101,3	282,8
-11,87	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	77,83	28,55	182,04	130,75	102,5	305,8
-12,05	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	79,11	29,06	196,02	132,90	103,4	329,3
-12,23	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	79,70	29,30	210,17	133,90	103,8	353,1
-12,40	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	79,59	29,26	224,35	133,71	103,7	376,9
-12,40	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	79,46	29,21	224,35	133,50	103,7	376,9
-12,60	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	78,30	28,75	239,82	131,54	102,9	402,9
-12,80	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	75,73	27,73	254,94	127,23	101,2	428,3
-12,99	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	71,72	26,14	269,41	120,48	98,5	452,6
-13,19	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	66,09	23,90	282,95	111,04	94,7	475,4
-13,19	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	66,22	23,95	282,95	111,26	94,8	475,4
-13,40	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	59,14	21,14	296,47	99,36	90,1	498,1
-13,62	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	50,81	17,83	308,37	85,36	84,5	518,1
-13,83	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	40,88	13,88	318,29	68,68	77,9	534,7
-14,05	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	29,13	9,21	325,87	48,93	70,1	547,5

QUOTA DAL L.M.M. (m)	COMBINAZIONE	CARATTERISTICHE MECCANICHE DELLA SEZIONE				SOLLECITAZIONI a ml di paratia			SOLLECITAZIONI PER SEZIONE (in valore assoluto)		
		sezione tipo	Area resistente a compressione (mmq)	W elastico (mm <sup>3</sup> )	Area resistente a taglio (mmq)	V <sub>sd</sub> (kN)	N <sub>sd</sub> (kN)	M <sub>sd</sub> (kNm)	V <sub>sd</sub> (kN)	N <sub>sd</sub> (kN)	M <sub>sd</sub> (kNm)
-14,05	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	27,85	9,01	325,87	46,79	69,7	547,5
-14,29	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	11,54	3,40	330,63	19,39	60,3	555,5
-14,52	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	-9,66	-2,27	330,98	16,22	58,4	556,0
-14,76	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	-36,39	-8,18	325,61	61,14	68,3	547,0
-15,00	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	-69,31	-14,48	313,19	116,45	78,9	526,2
-15,00	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	-71,04	-13,09	313,19	119,35	76,6	526,2
-15,25	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	-77,37	-12,50	294,60	129,98	75,6	494,9
-15,50	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	-82,00	-11,95	274,65	137,76	74,7	461,4
-15,75	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	-85,15	-11,45	253,72	143,05	73,8	426,2
-16,00	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	-87,01	-10,99	232,18	146,18	73,0	390,1
-16,00	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	-87,27	-10,98	232,18	146,61	73,0	390,1
-16,25	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	-88,69	-10,53	210,18	149,00	72,3	353,1
-16,50	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	-89,50	-10,10	187,89	150,36	71,5	315,7
-16,75	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	-89,69	-9,69	165,47	150,67	70,9	278,0
-17,00	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	-89,18	-9,29	143,10	149,82	70,2	240,4
-17,00	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	-89,25	-9,29	143,10	149,94	70,2	240,4
-17,25	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	-88,19	-8,92	120,91	148,16	69,6	203,1
-17,50	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	-86,30	-8,56	99,08	144,99	69,0	166,4
-17,75	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	-83,44	-8,22	77,83	140,17	68,4	130,8
-18,00	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	-79,51	-7,91	57,45	133,57	67,9	96,5
-18,00	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	-78,81	-7,91	57,45	132,40	67,9	96,5
-18,25	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	-61,54	-6,90	39,96	103,39	66,2	67,1
-18,50	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	-46,72	-5,95	26,47	78,50	64,6	44,5
-18,75	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	-34,16	-5,07	16,41	57,38	63,1	27,6
-19,00	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	-23,63	-4,25	9,23	39,69	61,7	15,5
-19,00	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	-24,22	-4,20	9,23	40,69	61,6	15,5
-19,25	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	-13,53	-3,40	4,53	22,73	60,3	7,6
-19,50	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	-5,85	-2,49	2,24	9,84	58,8	3,8
-19,75	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	-3,23	-1,44	1,18	5,43	57,0	2,0
-20,00	SLU_A2-M2_BT	Psp600	28600,00	5570000,00	12416,00	-7,72	-0,23	0,00	12,96	55,0	0,0



QUOTA DAL L.M.M. (m)	COMBINAZIONE	Verifica tensionale di resistenza			VERIFICA INSTABILITA'									
		sigma ideale di calcolo (N+M+T)	sigma id.max	verifica s <sub>N-M-V</sub> cl.3	kyy	Limite superiore Kyy	kzy	χ <sub>y</sub>	χ <sub>z</sub>	χ <sub>Lt</sub>	N+M instabilità - disuguaglianza 1		N+M instabilità - disuguaglianza 2	
-5,04	SLU_A2-M2_BT	13,269	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0138	<1 - ok	0,0151	<1 - ok
-5,20	SLU_A2-M2_BT	13,269	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0138	<1 - ok	0,0151	<1 - ok
-5,36	SLU_A2-M2_BT	13,269	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0138	<1 - ok	0,0151	<1 - ok
-5,36	SLU_A2-M2_BT	13,269	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0138	<1 - ok	0,0151	<1 - ok
-5,52	SLU_A2-M2_BT	13,269	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0138	<1 - ok	0,0151	<1 - ok
-5,68	SLU_A2-M2_BT	13,269	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0138	<1 - ok	0,0151	<1 - ok
-5,84	SLU_A2-M2_BT	13,269	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0138	<1 - ok	0,0151	<1 - ok
-6,00	SLU_A2-M2_BT	13,269	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0138	<1 - ok	0,0151	<1 - ok
-6,00	SLU_A2-M2_BT	13,269	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0138	<1 - ok	0,0151	<1 - ok
-6,08	SLU_A2-M2_BT	13,269	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0138	<1 - ok	0,0151	<1 - ok
-6,15	SLU_A2-M2_BT	13,269	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0138	<1 - ok	0,0151	<1 - ok
-6,23	SLU_A2-M2_BT	13,269	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0138	<1 - ok	0,0151	<1 - ok
-6,30	SLU_A2-M2_BT	13,269	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0138	<1 - ok	0,0151	<1 - ok
-6,30	SLU_A2-M2_BT	13,278	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0138	<1 - ok	0,0151	<1 - ok
-6,39	SLU_A2-M2_BT	13,283	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0138	<1 - ok	0,0151	<1 - ok
-6,47	SLU_A2-M2_BT	13,297	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0138	<1 - ok	0,0151	<1 - ok
-6,56	SLU_A2-M2_BT	13,301	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0138	<1 - ok	0,0151	<1 - ok
-6,64	SLU_A2-M2_BT	13,296	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0138	<1 - ok	0,0151	<1 - ok
-6,64	SLU_A2-M2_BT	13,296	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0138	<1 - ok	0,0151	<1 - ok
-6,73	SLU_A2-M2_BT	13,330	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0138	<1 - ok	0,0151	<1 - ok
-6,82	SLU_A2-M2_BT	13,329	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0138	<1 - ok	0,0151	<1 - ok
-6,91	SLU_A2-M2_BT	13,313	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0138	<1 - ok	0,0151	<1 - ok
-7,00	SLU_A2-M2_BT	13,479	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0139	<1 - ok	0,0152	<1 - ok
-7,00	SLU_A2-M2_BT	13,302	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0138	<1 - ok	0,0151	<1 - ok
-7,10	SLU_A2-M2_BT	14,190	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0141	<1 - ok	0,0154	<1 - ok
-7,19	SLU_A2-M2_BT	15,230	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0145	<1 - ok	0,0157	<1 - ok
-7,29	SLU_A2-M2_BT	16,596	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0150	<1 - ok	0,0162	<1 - ok
-7,39	SLU_A2-M2_BT	18,299	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0157	<1 - ok	0,0168	<1 - ok
-7,39	SLU_A2-M2_BT	18,445	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0157	<1 - ok	0,0168	<1 - ok
-7,49	SLU_A2-M2_BT	20,958	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0166	<1 - ok	0,0175	<1 - ok
-7,58	SLU_A2-M2_BT	24,118	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0177	<1 - ok	0,0185	<1 - ok
-7,68	SLU_A2-M2_BT	28,071	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0190	<1 - ok	0,0196	<1 - ok
-7,78	SLU_A2-M2_BT	33,006	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0206	<1 - ok	0,0208	<1 - ok
-7,78	SLU_A2-M2_BT	33,099	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0206	<1 - ok	0,0208	<1 - ok
-7,88	SLU_A2-M2_BT	40,402	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0225	<1 - ok	0,0224	<1 - ok
-7,98	SLU_A2-M2_BT	49,557	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0247	<1 - ok	0,0243	<1 - ok
-8,08	SLU_A2-M2_BT	60,796	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0273	<1 - ok	0,0264	<1 - ok
-8,18	SLU_A2-M2_BT	74,349	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0302	<1 - ok	0,0289	<1 - ok
-8,18	SLU_A2-M2_BT	74,217	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0302	<1 - ok	0,0289	<1 - ok
-8,28	SLU_A2-M2_BT	89,891	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0335	<1 - ok	0,0316	<1 - ok
-8,38	SLU_A2-M2_BT	107,852	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0372	<1 - ok	0,0346	<1 - ok
-8,48	SLU_A2-M2_BT	128,333	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0412	<1 - ok	0,0379	<1 - ok
-8,59	SLU_A2-M2_BT	151,511	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0455	<1 - ok	0,0414	<1 - ok
-8,59	SLU_A2-M2_BT	151,605	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0455	<1 - ok	0,0414	<1 - ok

QUOTA DAL L.M.M. (m)	COMBINAZIONE	Verifica tensionale di resistenza			VERIFICA INSTABILITA'									
		sigma ideale di calcolo (N+M+T)	sigma id.max	verifica s <sub>N-M-V</sub> cl.3	kyy	Limite superiore Kyy	kzy	χ <sub>y</sub>	χ <sub>z</sub>	χ <sub>Lt</sub>	N+M instabilità - disuguaglianza 1		N+M instabilità - disuguaglianza 2	
-8,69	SLU_A2-M2_BT	178,706	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0503	<1 - ok	0,0452	<1 - ok
-8,79	SLU_A2-M2_BT	209,177	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0554	<1 - ok	0,0494	<1 - ok
-8,90	SLU_A2-M2_BT	243,044	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0608	<1 - ok	0,0538	<1 - ok
-9,00	SLU_A2-M2_BT	280,396	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0665	<1 - ok	0,0585	<1 - ok
-9,00	SLU_A2-M2_BT	280,573	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0665	<1 - ok	0,0585	<1 - ok
-9,11	SLU_A2-M2_BT	326,785	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0731	<1 - ok	0,0638	<1 - ok
-9,22	SLU_A2-M2_BT	378,799	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0801	<1 - ok	0,0695	<1 - ok
-9,33	SLU_A2-M2_BT	437,199	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0874	<1 - ok	0,0754	<1 - ok
-9,44	SLU_A2-M2_BT	502,622	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0951	<1 - ok	0,0817	<1 - ok
-9,44	SLU_A2-M2_BT	502,648	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0951	<1 - ok	0,0817	<1 - ok
-9,56	SLU_A2-M2_BT	583,860	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1041	<1 - ok	0,0890	<1 - ok
-9,68	SLU_A2-M2_BT	675,558	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1135	<1 - ok	0,0966	<1 - ok
-9,80	SLU_A2-M2_BT	778,702	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1235	<1 - ok	0,1047	<1 - ok
-9,92	SLU_A2-M2_BT	894,305	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1339	<1 - ok	0,1132	<1 - ok
-9,92	SLU_A2-M2_BT	894,274	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1339	<1 - ok	0,1132	<1 - ok
-10,06	SLU_A2-M2_BT	1037,286	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1460	<1 - ok	0,1230	<1 - ok
-10,19	SLU_A2-M2_BT	1198,219	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1587	<1 - ok	0,1333	<1 - ok
-10,32	SLU_A2-M2_BT	1378,589	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1721	<1 - ok	0,1441	<1 - ok
-10,46	SLU_A2-M2_BT	1579,708	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1861	<1 - ok	0,1554	<1 - ok
-10,46	SLU_A2-M2_BT	1579,973	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1861	<1 - ok	0,1554	<1 - ok
-10,60	SLU_A2-M2_BT	1827,602	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,2023	<1 - ok	0,1685	<1 - ok
-10,75	SLU_A2-M2_BT	2104,206	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,2192	<1 - ok	0,1822	<1 - ok
-10,90	SLU_A2-M2_BT	2411,275	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,2369	<1 - ok	0,1964	<1 - ok
-11,04	SLU_A2-M2_BT	2750,503	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,2553	<1 - ok	0,2113	<1 - ok
-11,04	SLU_A2-M2_BT	2749,539	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,2553	<1 - ok	0,2113	<1 - ok
-11,21	SLU_A2-M2_BT	3160,966	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,2764	<1 - ok	0,2283	<1 - ok
-11,37	SLU_A2-M2_BT	3610,645	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,2983	<1 - ok	0,2460	<1 - ok
-11,53	SLU_A2-M2_BT	4098,340	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,3209	<1 - ok	0,2642	<1 - ok
-11,69	SLU_A2-M2_BT	4623,288	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,3442	<1 - ok	0,2829	<1 - ok
-11,69	SLU_A2-M2_BT	4620,636	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,3442	<1 - ok	0,2829	<1 - ok
-11,87	SLU_A2-M2_BT	5235,514	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,3704	<1 - ok	0,3040	<1 - ok
-12,05	SLU_A2-M2_BT	5877,214	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,3971	<1 - ok	0,3254	<1 - ok
-12,23	SLU_A2-M2_BT	6537,130	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,4239	<1 - ok	0,3469	<1 - ok
-12,40	SLU_A2-M2_BT	7205,480	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,4507	<1 - ok	0,3684	<1 - ok
-12,40	SLU_A2-M2_BT	7200,014	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,4507	<1 - ok	0,3683	<1 - ok
-12,60	SLU_A2-M2_BT	7923,248	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,4798	<1 - ok	0,3915	<1 - ok
-12,80	SLU_A2-M2_BT	8603,059	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,5080	<1 - ok	0,4140	<1 - ok
-12,99	SLU_A2-M2_BT	9217,653	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,5347	<1 - ok	0,4351	<1 - ok
-13,19	SLU_A2-M2_BT	9740,758	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,5594	<1 - ok	0,4546	<1 - ok
-13,19	SLU_A2-M2_BT	9746,473	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,5594	<1 - ok	0,4546	<1 - ok
-13,40	SLU_A2-M2_BT	10241,297	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,5838	<1 - ok	0,4738	<1 - ok
-13,62	SLU_A2-M2_BT	10626,563	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,6049	<1 - ok	0,4902	<1 - ok
-13,83	SLU_A2-M2_BT	10873,417	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,6220	<1 - ok	0,5034	<1 - ok
-14,05	SLU_A2-M2_BT	10966,366	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,6344	<1 - ok	0,5127	<1 - ok



QUOTA DAL L.M.M. (m)	COMBINAZIONE	Verifica tensionale di resistenza			VERIFICA INSTABILITA'									
		sigma ideale di calcolo (N+M+T)	sigma id.max	verifica s <sub>N-M-V</sub> cl.3	kyy	Limite superiore Kyy	kzy	χ <sub>y</sub>	χ <sub>z</sub>	χ <sub>Lt</sub>	N+M instabilità - disuguaglianza 1		N+M instabilità - disuguaglianza 2	
-14,05	SLU_A2-M2_BT	10946,433	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,6343	<1 - ok	0,5126	<1 - ok
-14,29	SLU_A2-M2_BT	10865,551	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,6409	<1 - ok	0,5172	<1 - ok
-14,52	SLU_A2-M2_BT	10825,501	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,6411	<1 - ok	0,5172	<1 - ok
-14,76	SLU_A2-M2_BT	10939,347	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,6334	<1 - ok	0,5118	<1 - ok
-15,00	SLU_A2-M2_BT	10929,900	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,6126	<1 - ok	0,4960	<1 - ok
-15,00	SLU_A2-M2_BT	10865,664	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,6120	<1 - ok	0,4953	<1 - ok
-15,25	SLU_A2-M2_BT	9821,507	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,5766	<1 - ok	0,4669	<1 - ok
-15,50	SLU_A2-M2_BT	8752,349	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,5386	<1 - ok	0,4365	<1 - ok
-15,75	SLU_A2-M2_BT	7690,589	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,4988	<1 - ok	0,4045	<1 - ok
-16,00	SLU_A2-M2_BT	6664,702	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,4578	<1 - ok	0,3717	<1 - ok
-16,00	SLU_A2-M2_BT	6669,156	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,4578	<1 - ok	0,3717	<1 - ok
-16,25	SLU_A2-M2_BT	5704,887	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,4160	<1 - ok	0,3382	<1 - ok
-16,50	SLU_A2-M2_BT	4811,018	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,3736	<1 - ok	0,3042	<1 - ok
-16,75	SLU_A2-M2_BT	3995,926	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,3310	<1 - ok	0,2701	<1 - ok
-17,00	SLU_A2-M2_BT	3264,239	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,2885	<1 - ok	0,2361	<1 - ok
-17,00	SLU_A2-M2_BT	3265,537	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,2885	<1 - ok	0,2361	<1 - ok
-17,25	SLU_A2-M2_BT	2622,955	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,2464	<1 - ok	0,2023	<1 - ok
-17,50	SLU_A2-M2_BT	2065,737	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,2049	<1 - ok	0,1691	<1 - ok
-17,75	SLU_A2-M2_BT	1592,134	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1646	<1 - ok	0,1368	<1 - ok
-18,00	SLU_A2-M2_BT	1198,774	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1259	<1 - ok	0,1058	<1 - ok
-18,00	SLU_A2-M2_BT	1187,085	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1259	<1 - ok	0,1058	<1 - ok
-18,25	SLU_A2-M2_BT	705,439	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0923	<1 - ok	0,0788	<1 - ok
-18,50	SLU_A2-M2_BT	403,167	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0664	<1 - ok	0,0580	<1 - ok
-18,75	SLU_A2-M2_BT	220,326	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0470	<1 - ok	0,0423	<1 - ok
-19,00	SLU_A2-M2_BT	114,656	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0331	<1 - ok	0,0311	<1 - ok
-19,00	SLU_A2-M2_BT	117,513	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0330	<1 - ok	0,0310	<1 - ok
-19,25	SLU_A2-M2_BT	53,224	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0238	<1 - ok	0,0236	<1 - ok
-19,50	SLU_A2-M2_BT	27,635	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0191	<1 - ok	0,0197	<1 - ok
-19,75	SLU_A2-M2_BT	19,849	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0166	<1 - ok	0,0176	<1 - ok
-20,00	SLU_A2-M2_BT	19,976	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0139	<1 - ok	0,0152	<1 - ok

QUOTA DAL L.M.M. (m)	COMBINAZIONE	CARATTERISTICHE MECCANICHE DELLA SEZIONE				SOLLECITAZIONI a ml di paratia			SOLLECITAZIONI PER SEZIONE (in valore assoluto)		
		sezione tipo	Area resistente a compressione (mmq)	W elastico (mm <sup>3</sup> )	Area resistente a taglio (mmq)	V <sub>sd</sub> (kN)	N <sub>sd</sub> (kN)	M <sub>sd</sub> (kNm)	V <sub>sd</sub> (kN)	N <sub>sd</sub> (kN)	M <sub>sd</sub> (kNm)
-5,04	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	71,0	0,0
-5,20	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	71,0	0,0
-5,36	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	71,0	0,0
-5,36	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	71,0	0,0
-5,52	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	71,0	0,0
-5,68	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	71,0	0,0
-5,84	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	71,0	0,0
-6,00	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	71,0	0,0
-6,00	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	71,0	0,0
-6,08	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	71,0	0,0
-6,15	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	71,0	0,0
-6,23	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	71,0	0,0
-6,30	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	71,0	0,0
-6,30	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	71,0	0,0
-6,39	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	71,0	0,0
-6,47	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	71,0	0,0
-6,56	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	71,0	0,0
-6,64	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	71,0	0,0
-6,64	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	71,0	0,0
-6,73	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	71,0	0,0
-6,82	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	71,0	0,0
-6,91	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	71,0	0,0
-7,00	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	71,0	0,0
-7,00	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	0,08	0,03	0,00	0,18	71,0	0,0
-7,10	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	-0,77	0,12	-0,04	1,67	71,2	0,1
-7,19	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	-0,98	0,54	-0,13	2,14	72,1	0,3
-7,29	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	-0,61	1,28	-0,21	1,32	73,7	0,5
-7,39	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	0,31	2,31	-0,23	0,69	76,0	0,5
-7,39	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	0,21	2,19	-0,23	0,45	75,8	0,5
-7,49	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	1,61	3,38	-0,14	3,53	78,3	0,3
-7,58	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	3,13	4,53	0,09	6,84	80,9	0,2
-7,68	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	4,73	5,66	0,48	10,33	83,3	1,0
-7,78	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	6,37	6,77	1,03	13,91	85,7	2,2
-7,78	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	6,39	6,80	1,03	13,95	85,8	2,2
-7,88	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	8,09	7,90	1,75	17,67	88,2	3,8
-7,98	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	9,81	8,95	2,64	21,42	90,5	5,8
-8,08	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	11,51	9,95	3,71	25,15	92,7	8,1
-8,18	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	13,20	10,91	4,94	28,83	94,8	10,8
-8,18	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	13,20	10,91	4,94	28,82	94,8	10,8
-8,28	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	14,87	11,90	6,37	32,48	97,0	13,9
-8,38	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	16,51	12,86	7,97	36,05	99,1	17,4
-8,48	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	18,11	13,79	9,73	39,54	101,1	21,2
-8,59	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	19,67	14,67	11,65	42,96	103,0	25,4
-8,59	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	19,67	14,67	11,65	42,96	103,0	25,4

QUOTA DAL L.M.M. (m)	COMBINAZIONE	CARATTERISTICHE MECCANICHE DELLA SEZIONE				SOLLECITAZIONI a ml di paratia			SOLLECITAZIONI PER SEZIONE (in valore assoluto)		
		sezione tipo	Area resistente a compressione (mmq)	W elastico (mm <sup>3</sup> )	Area resistente a taglio (mmq)	V <sub>sd</sub> (kN)	N <sub>sd</sub> (kN)	M <sub>sd</sub> (kNm)	V <sub>sd</sub> (kN)	N <sub>sd</sub> (kN)	M <sub>sd</sub> (kNm)
-8,69	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	21,23	15,52	13,76	46,36	104,9	30,1
-8,79	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	22,74	16,32	16,03	49,67	106,6	35,0
-8,90	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	24,23	17,07	18,46	52,91	108,2	40,3
-9,00	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	25,67	17,77	21,04	56,07	109,8	46,0
-9,00	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	25,68	17,76	21,04	56,08	109,7	46,0
-9,11	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	27,16	18,55	23,95	59,31	111,5	52,3
-9,22	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	28,61	19,33	27,02	62,49	113,2	59,0
-9,33	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	30,05	20,11	30,24	65,62	114,9	66,0
-9,44	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	31,46	20,90	33,62	68,70	116,6	73,4
-9,44	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	31,46	20,90	33,62	68,70	116,6	73,4
-9,56	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	32,98	21,76	37,52	72,02	118,5	82,0
-9,68	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	34,47	22,61	41,61	75,27	120,4	90,9
-9,80	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	35,92	23,46	45,87	78,46	122,2	100,2
-9,92	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	37,35	24,28	50,31	81,57	124,0	109,9
-9,92	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	37,35	24,28	50,31	81,57	124,0	109,9
-10,06	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	38,88	25,15	55,39	84,92	125,9	121,0
-10,19	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	40,38	25,98	60,68	88,18	127,7	132,5
-10,32	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	41,83	26,78	66,16	91,36	129,5	144,5
-10,46	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	43,25	27,55	71,83	94,45	131,1	156,9
-10,46	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	43,24	27,55	71,83	94,45	131,1	156,9
-10,60	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	44,76	28,36	78,29	97,75	132,9	171,0
-10,75	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	46,21	29,12	84,97	100,92	134,6	185,6
-10,90	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	47,60	29,84	91,85	103,95	136,1	200,6
-11,04	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	48,92	30,51	98,94	106,83	137,6	216,1
-11,04	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	48,91	30,51	98,94	106,81	137,6	216,1
-11,21	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	50,26	31,20	106,95	109,76	139,1	233,6
-11,37	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	51,47	31,81	115,18	112,41	140,4	251,5
-11,53	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	52,55	32,36	123,59	114,76	141,6	269,9
-11,69	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	53,43	32,83	132,15	116,70	142,7	288,6
-11,69	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	53,48	32,84	132,15	116,79	142,7	288,6
-11,87	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	54,30	33,29	141,74	118,59	143,7	309,6
-12,05	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	54,81	33,61	151,46	119,71	144,4	330,8
-12,23	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	54,94	33,78	161,23	120,00	144,7	352,1
-12,40	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	54,67	33,80	170,99	119,40	144,8	373,4
-12,40	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	54,59	33,78	170,99	119,23	144,7	373,4
-12,60	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	53,76	33,61	181,62	117,42	144,4	396,7
-12,80	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	52,22	33,22	192,01	114,04	143,5	419,4
-12,99	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	50,01	32,64	202,04	109,23	142,3	441,3
-13,19	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	47,23	31,93	211,57	103,15	140,7	462,1
-13,19	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	47,21	32,06	211,57	103,11	141,0	462,1
-13,40	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	43,07	30,82	221,34	94,07	138,3	483,4
-13,62	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	37,21	29,44	230,03	81,27	135,3	502,4
-13,83	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	29,71	27,95	237,29	64,90	132,0	518,2
-14,05	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	20,66	26,39	242,74	45,13	128,6	530,2

QUOTA DAL L.M.M. (m)	COMBINAZIONE	CARATTERISTICHE MECCANICHE DELLA SEZIONE				SOLLECITAZIONI a ml di paratia			SOLLECITAZIONI PER SEZIONE (in valore assoluto)		
		sezione tipo	Area resistente a compressione (mmq)	W elastico (mm <sup>3</sup> )	Area resistente a taglio (mmq)	V <sub>sd</sub> (kN)	N <sub>sd</sub> (kN)	M <sub>sd</sub> (kNm)	V <sub>sd</sub> (kN)	N <sub>sd</sub> (kN)	M <sub>sd</sub> (kNm)
-14,05	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	19,39	25,88	242,74	42,34	127,5	530,2
-14,29	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	7,42	24,07	246,01	16,21	123,5	537,3
-14,52	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	-8,42	21,80	245,96	18,38	118,6	537,2
-14,76	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	-28,11	19,14	241,70	61,38	112,8	527,9
-15,00	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	-52,64	17,18	232,31	114,98	108,5	507,4
-15,00	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	-51,62	16,16	232,31	112,73	106,3	507,4
-15,25	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	-54,49	17,63	218,92	119,00	109,5	478,1
-15,50	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	-56,12	17,98	205,08	122,56	110,2	447,9
-15,75	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	-57,53	18,23	190,87	125,64	110,8	416,9
-16,00	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	-58,70	18,39	176,34	128,19	111,1	385,1
-16,00	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	-58,69	18,40	176,34	128,18	111,1	385,1
-16,25	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	-59,60	18,48	161,55	130,17	111,3	352,8
-16,50	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	-60,23	18,49	146,56	131,54	111,4	320,1
-16,75	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	-60,56	18,43	131,45	132,27	111,2	287,1
-17,00	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	-60,60	18,29	116,31	132,34	110,9	254,0
-17,00	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	-60,56	18,29	116,31	132,26	110,9	254,0
-17,25	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	-60,27	18,08	101,20	131,64	110,4	221,0
-17,50	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	-59,53	17,80	86,21	130,02	109,8	188,3
-17,75	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	-58,31	17,44	71,46	127,35	109,0	156,1
-18,00	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	-56,58	17,01	57,09	123,58	108,1	124,7
-18,00	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	-56,49	17,00	57,09	123,38	108,1	124,7
-18,25	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	-48,79	15,31	43,95	106,56	104,4	96,0
-18,50	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	-41,59	13,51	32,66	90,83	100,5	71,3
-18,75	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	-34,86	11,59	23,11	76,14	96,3	50,5
-19,00	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	-28,57	9,56	15,19	62,41	91,8	33,2
-19,00	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	-28,47	9,54	15,19	62,17	91,8	33,2
-19,25	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	-22,13	7,41	8,86	48,32	87,1	19,3
-19,50	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	-15,41	5,12	4,16	33,66	82,1	9,1
-19,75	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	-8,36	2,66	1,18	18,26	76,8	2,6
-20,00	SLU_A1-M1_LT	Psp600	28600,00	5570000,00	12416,00	-1,02	0,01	0,00	2,24	71,0	0,0

QUOTA DAL L.M.M. (m)	COMBINAZIONE	Verifica tensionale di resistenza			VERIFICA INSTABILITA'									
		sigma ideale di calcolo (N+M+T)	sigma id.max	verifica s <sub>N-M-V</sub> cl.3	kyy	Limite superiore Kyy	kzy	$\chi_y$	$\chi_z$	$\chi_{LT}$	N+M instabilità - disuguaglianza 1		N+M instabilità - disuguaglianza 2	
-5,04	SLU_A1-M1_LT	37,897	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0179	<1 - ok	0,0197	<1 - ok
-5,20	SLU_A1-M1_LT	37,897	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0179	<1 - ok	0,0197	<1 - ok
-5,36	SLU_A1-M1_LT	37,897	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0179	<1 - ok	0,0197	<1 - ok
-5,36	SLU_A1-M1_LT	37,897	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0179	<1 - ok	0,0197	<1 - ok
-5,52	SLU_A1-M1_LT	37,897	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0179	<1 - ok	0,0197	<1 - ok
-5,68	SLU_A1-M1_LT	37,897	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0179	<1 - ok	0,0197	<1 - ok
-5,84	SLU_A1-M1_LT	37,897	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0179	<1 - ok	0,0197	<1 - ok
-6,00	SLU_A1-M1_LT	37,897	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0179	<1 - ok	0,0197	<1 - ok
-6,00	SLU_A1-M1_LT	37,897	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0179	<1 - ok	0,0197	<1 - ok
-6,08	SLU_A1-M1_LT	37,897	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0179	<1 - ok	0,0197	<1 - ok
-6,15	SLU_A1-M1_LT	37,897	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0179	<1 - ok	0,0197	<1 - ok
-6,23	SLU_A1-M1_LT	37,897	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0179	<1 - ok	0,0197	<1 - ok
-6,30	SLU_A1-M1_LT	37,897	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0179	<1 - ok	0,0197	<1 - ok
-6,30	SLU_A1-M1_LT	37,897	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0179	<1 - ok	0,0197	<1 - ok
-6,39	SLU_A1-M1_LT	37,897	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0179	<1 - ok	0,0197	<1 - ok
-6,47	SLU_A1-M1_LT	37,897	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0179	<1 - ok	0,0197	<1 - ok
-6,56	SLU_A1-M1_LT	37,897	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0179	<1 - ok	0,0197	<1 - ok
-6,64	SLU_A1-M1_LT	37,897	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0179	<1 - ok	0,0197	<1 - ok
-6,64	SLU_A1-M1_LT	37,897	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0179	<1 - ok	0,0197	<1 - ok
-6,73	SLU_A1-M1_LT	37,897	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0179	<1 - ok	0,0197	<1 - ok
-6,82	SLU_A1-M1_LT	37,897	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0179	<1 - ok	0,0197	<1 - ok
-6,91	SLU_A1-M1_LT	37,897	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0179	<1 - ok	0,0197	<1 - ok
-7,00	SLU_A1-M1_LT	37,897	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0179	<1 - ok	0,0197	<1 - ok
-7,00	SLU_A1-M1_LT	38,049	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0179	<1 - ok	0,0197	<1 - ok
-7,10	SLU_A1-M1_LT	38,751	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0181	<1 - ok	0,0198	<1 - ok
-7,19	SLU_A1-M1_LT	41,293	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0185	<1 - ok	0,0202	<1 - ok
-7,29	SLU_A1-M1_LT	45,375	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0191	<1 - ok	0,0208	<1 - ok
-7,39	SLU_A1-M1_LT	51,160	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0198	<1 - ok	0,0215	<1 - ok
-7,39	SLU_A1-M1_LT	50,486	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0197	<1 - ok	0,0214	<1 - ok
-7,49	SLU_A1-M1_LT	57,604	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0201	<1 - ok	0,0220	<1 - ok
-7,58	SLU_A1-M1_LT	66,244	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0207	<1 - ok	0,0226	<1 - ok
-7,68	SLU_A1-M1_LT	79,324	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0222	<1 - ok	0,0240	<1 - ok
-7,78	SLU_A1-M1_LT	95,434	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0242	<1 - ok	0,0258	<1 - ok
-7,78	SLU_A1-M1_LT	95,768	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0242	<1 - ok	0,0258	<1 - ok
-7,88	SLU_A1-M1_LT	115,734	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0266	<1 - ok	0,0279	<1 - ok
-7,98	SLU_A1-M1_LT	139,385	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0294	<1 - ok	0,0303	<1 - ok
-8,08	SLU_A1-M1_LT	166,756	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0325	<1 - ok	0,0330	<1 - ok
-8,18	SLU_A1-M1_LT	198,299	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0361	<1 - ok	0,0360	<1 - ok
-8,18	SLU_A1-M1_LT	198,263	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0361	<1 - ok	0,0360	<1 - ok
-8,28	SLU_A1-M1_LT	235,430	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0402	<1 - ok	0,0394	<1 - ok
-8,38	SLU_A1-M1_LT	277,514	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0446	<1 - ok	0,0431	<1 - ok
-8,48	SLU_A1-M1_LT	324,689	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0495	<1 - ok	0,0471	<1 - ok
-8,59	SLU_A1-M1_LT	377,097	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0547	<1 - ok	0,0514	<1 - ok
-8,59	SLU_A1-M1_LT	377,057	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0547	<1 - ok	0,0514	<1 - ok

QUOTA DAL L.M.M. (m)	COMBINAZIONE	Verifica tensionale di resistenza			VERIFICA INSTABILITA'									
		sigma ideale di calcolo (N+M+T)	sigma id.max	verifica s <sub>N-M-V</sub> cl.3	kyy	Limite superiore Kyy	kzy	χ <sub>y</sub>	χ <sub>z</sub>	χ <sub>Lt</sub>	N+M instabilità - disuguaglianza 1		N+M instabilità - disuguaglianza 2	
-8,69	SLU_A1-M1_LT	435,773	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0603	<1 - ok	0,0561	<1 - ok
-8,79	SLU_A1-M1_LT	500,190	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0664	<1 - ok	0,0611	<1 - ok
-8,90	SLU_A1-M1_LT	570,390	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0728	<1 - ok	0,0663	<1 - ok
-9,00	SLU_A1-M1_LT	646,410	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0795	<1 - ok	0,0718	<1 - ok
-9,00	SLU_A1-M1_LT	646,300	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0795	<1 - ok	0,0718	<1 - ok
-9,11	SLU_A1-M1_LT	736,576	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0871	<1 - ok	0,0780	<1 - ok
-9,22	SLU_A1-M1_LT	836,257	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0951	<1 - ok	0,0845	<1 - ok
-9,33	SLU_A1-M1_LT	945,897	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1034	<1 - ok	0,0913	<1 - ok
-9,44	SLU_A1-M1_LT	1065,970	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1122	<1 - ok	0,0985	<1 - ok
-9,44	SLU_A1-M1_LT	1066,050	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1122	<1 - ok	0,0985	<1 - ok
-9,56	SLU_A1-M1_LT	1211,319	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1222	<1 - ok	0,1067	<1 - ok
-9,68	SLU_A1-M1_LT	1370,866	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1328	<1 - ok	0,1152	<1 - ok
-9,80	SLU_A1-M1_LT	1545,115	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1437	<1 - ok	0,1241	<1 - ok
-9,92	SLU_A1-M1_LT	1734,486	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1551	<1 - ok	0,1333	<1 - ok
-9,92	SLU_A1-M1_LT	1734,309	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1551	<1 - ok	0,1333	<1 - ok
-10,06	SLU_A1-M1_LT	1960,034	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1681	<1 - ok	0,1439	<1 - ok
-10,19	SLU_A1-M1_LT	2205,048	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1815	<1 - ok	0,1548	<1 - ok
-10,32	SLU_A1-M1_LT	2469,910	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1955	<1 - ok	0,1661	<1 - ok
-10,46	SLU_A1-M1_LT	2755,110	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,2098	<1 - ok	0,1777	<1 - ok
-10,46	SLU_A1-M1_LT	2755,053	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,2098	<1 - ok	0,1777	<1 - ok
-10,60	SLU_A1-M1_LT	3093,631	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,2262	<1 - ok	0,1909	<1 - ok
-10,75	SLU_A1-M1_LT	3458,266	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,2430	<1 - ok	0,2045	<1 - ok
-10,90	SLU_A1-M1_LT	3849,199	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,2604	<1 - ok	0,2185	<1 - ok
-11,04	SLU_A1-M1_LT	4266,512	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,2782	<1 - ok	0,2328	<1 - ok
-11,04	SLU_A1-M1_LT	4266,127	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,2782	<1 - ok	0,2328	<1 - ok
-11,21	SLU_A1-M1_LT	4755,353	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,2982	<1 - ok	0,2490	<1 - ok
-11,37	SLU_A1-M1_LT	5274,561	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,3188	<1 - ok	0,2656	<1 - ok
-11,53	SLU_A1-M1_LT	5822,505	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,3398	<1 - ok	0,2824	<1 - ok
-11,69	SLU_A1-M1_LT	6395,080	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,3611	<1 - ok	0,2996	<1 - ok
-11,69	SLU_A1-M1_LT	6397,600	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,3612	<1 - ok	0,2996	<1 - ok
-11,87	SLU_A1-M1_LT	7059,571	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,3850	<1 - ok	0,3187	<1 - ok
-12,05	SLU_A1-M1_LT	7741,942	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,4091	<1 - ok	0,3381	<1 - ok
-12,23	SLU_A1-M1_LT	8433,550	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,4332	<1 - ok	0,3574	<1 - ok
-12,40	SLU_A1-M1_LT	9124,779	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,4572	<1 - ok	0,3766	<1 - ok
-12,40	SLU_A1-M1_LT	9120,359	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,4572	<1 - ok	0,3766	<1 - ok
-12,60	SLU_A1-M1_LT	9868,084	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,4833	<1 - ok	0,3974	<1 - ok
-12,80	SLU_A1-M1_LT	10582,683	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,5086	<1 - ok	0,4176	<1 - ok
-12,99	SLU_A1-M1_LT	11256,772	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,5330	<1 - ok	0,4370	<1 - ok
-13,19	SLU_A1-M1_LT	11883,545	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,5560	<1 - ok	0,4553	<1 - ok
-13,19	SLU_A1-M1_LT	11903,814	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,5561	<1 - ok	0,4554	<1 - ok
-13,40	SLU_A1-M1_LT	12469,238	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,5794	<1 - ok	0,4739	<1 - ok
-13,62	SLU_A1-M1_LT	12918,917	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,6001	<1 - ok	0,4902	<1 - ok
-13,83	SLU_A1-M1_LT	13232,718	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,6171	<1 - ok	0,5035	<1 - ok
-14,05	SLU_A1-M1_LT	13393,095	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,6296	<1 - ok	0,5133	<1 - ok

QUOTA DAL L.M.M. (m)	COMBINAZIONE	Verifica tensionale di resistenza			VERIFICA INSTABILITA'									
		sigma ideale di calcolo (N+M+T)	sigma id.max	verifica s <sub>N-M-V</sub> cl.3	kyy	Limite superiore Kyy	kzy	χ <sub>y</sub>	χ <sub>z</sub>	χ <sub>LT</sub>	N+M instabilità - disuguaglianza 1		N+M instabilità - disuguaglianza 2	
-14,05	SLU_A1-M1_LT	13304,042	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,6294	<1 - ok	0,5130	<1 - ok
-14,29	SLU_A1-M1_LT	13261,340	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,6364	<1 - ok	0,5184	<1 - ok
-14,52	SLU_A1-M1_LT	12924,222	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,6350	<1 - ok	0,5169	<1 - ok
-14,76	SLU_A1-M1_LT	12311,074	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,6231	<1 - ok	0,5069	<1 - ok
-15,00	SLU_A1-M1_LT	11623,493	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,5989	<1 - ok	0,4872	<1 - ok
-15,00	SLU_A1-M1_LT	11480,513	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,5983	<1 - ok	0,4866	<1 - ok
-15,25	SLU_A1-M1_LT	10631,226	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,5662	<1 - ok	0,4611	<1 - ok
-15,50	SLU_A1-M1_LT	9641,732	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,5324	<1 - ok	0,4341	<1 - ok
-15,75	SLU_A1-M1_LT	8666,220	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,4975	<1 - ok	0,4063	<1 - ok
-16,00	SLU_A1-M1_LT	7715,200	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,4619	<1 - ok	0,3778	<1 - ok
-16,00	SLU_A1-M1_LT	7715,559	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,4619	<1 - ok	0,3778	<1 - ok
-16,25	SLU_A1-M1_LT	6799,593	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,4255	<1 - ok	0,3488	<1 - ok
-16,50	SLU_A1-M1_LT	5925,889	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,3887	<1 - ok	0,3193	<1 - ok
-16,75	SLU_A1-M1_LT	5102,672	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,3515	<1 - ok	0,2895	<1 - ok
-17,00	SLU_A1-M1_LT	4336,858	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,3141	<1 - ok	0,2596	<1 - ok
-17,00	SLU_A1-M1_LT	4336,088	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,3141	<1 - ok	0,2596	<1 - ok
-17,25	SLU_A1-M1_LT	3632,746	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,2768	<1 - ok	0,2297	<1 - ok
-17,50	SLU_A1-M1_LT	2993,310	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,2398	<1 - ok	0,2001	<1 - ok
-17,75	SLU_A1-M1_LT	2421,755	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,2034	<1 - ok	0,1708	<1 - ok
-18,00	SLU_A1-M1_LT	1920,001	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1678	<1 - ok	0,1423	<1 - ok
-18,00	SLU_A1-M1_LT	1917,736	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1678	<1 - ok	0,1423	<1 - ok
-18,25	SLU_A1-M1_LT	1361,109	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1345	<1 - ok	0,1154	<1 - ok
-18,50	SLU_A1-M1_LT	942,768	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1057	<1 - ok	0,0921	<1 - ok
-18,75	SLU_A1-M1_LT	634,075	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0812	<1 - ok	0,0721	<1 - ok
-19,00	SLU_A1-M1_LT	411,206	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0606	<1 - ok	0,0553	<1 - ok
-19,00	SLU_A1-M1_LT	409,869	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0606	<1 - ok	0,0553	<1 - ok
-19,25	SLU_A1-M1_LT	250,663	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0438	<1 - ok	0,0416	<1 - ok
-19,50	SLU_A1-M1_LT	140,248	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0310	<1 - ok	0,0309	<1 - ok
-19,75	SLU_A1-M1_LT	71,329	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0223	<1 - ok	0,0236	<1 - ok
-20,00	SLU_A1-M1_LT	38,138	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0179	<1 - ok	0,0197	<1 - ok



QUOTA DAL L.M.M. (m)	COMBINAZIONE	CARATTERISTICHE MECCANICHE DELLA SEZIONE				SOLLECITAZIONI a ml di paratia			SOLLECITAZIONI PER SEZIONE (in valore assoluto)		
		sezione tipo	Area resistente a compressione (mmq)	W elastico (mm <sup>3</sup> )	Area resistente a taglio (mmq)	V <sub>sd</sub> (kN)	N <sub>sd</sub> (kN)	M <sub>sd</sub> (kNm)	V <sub>sd</sub> (kN)	N <sub>sd</sub> (kN)	M <sub>sd</sub> (kNm)
-5,04	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	54,59	0,00
-5,20	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	54,59	0,00
-5,36	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	54,59	0,00
-5,36	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	54,59	0,00
-5,52	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	54,59	0,00
-5,68	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	54,59	0,00
-5,84	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	54,59	0,00
-6,00	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	54,59	0,00
-6,00	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	54,59	0,00
-6,08	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	54,59	0,00
-6,15	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	54,59	0,00
-6,23	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	54,59	0,00
-6,30	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	0,01	0,00	0,00	0,01	54,59	0,00
-6,30	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	0,00	0,00	0,00	0,00	54,59	0,00
-6,39	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	0,05	0,02	0,00	0,08	54,62	0,00
-6,47	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	0,07	0,03	0,01	0,12	54,63	0,01
-6,56	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	0,08	0,03	0,01	0,14	54,64	0,02
-6,64	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	0,09	0,04	0,02	0,16	54,65	0,04
-6,64	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	0,11	0,05	0,02	0,18	54,66	0,04
-6,73	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	0,16	0,07	0,03	0,27	54,70	0,06
-6,82	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	0,22	0,09	0,05	0,37	54,74	0,08
-6,91	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	0,27	0,11	0,07	0,46	54,78	0,12
-7,00	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	0,32	0,13	0,10	0,53	54,81	0,17
-7,00	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	0,27	0,14	0,10	0,46	54,82	0,17
-7,10	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	-0,49	-0,07	0,08	0,82	54,70	0,14
-7,19	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	-0,60	0,00	0,03	1,01	54,59	0,04
-7,29	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	-0,14	0,33	-0,01	0,23	55,14	0,02
-7,39	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	0,86	0,90	0,02	1,44	56,10	0,03
-7,39	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	0,75	0,80	0,02	1,26	55,93	0,03
-7,49	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	2,19	1,49	0,16	3,68	57,09	0,27
-7,58	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	3,71	2,14	0,45	6,23	58,19	0,76
-7,68	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	5,28	2,77	0,89	8,88	59,24	1,50
-7,78	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	6,89	3,39	1,49	11,57	60,28	2,50
-7,78	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	6,90	3,39	1,49	11,59	60,29	2,50
-7,88	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	8,57	3,99	2,26	14,40	61,29	3,80
-7,98	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	10,26	4,59	3,20	17,24	62,30	5,38
-8,08	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	11,96	5,19	4,32	20,10	63,30	7,25
-8,18	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	13,66	5,77	5,60	22,95	64,28	9,40
-8,18	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	13,66	5,78	5,60	22,94	64,29	9,40
-8,28	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	15,37	6,36	7,07	25,81	65,27	11,88
-8,38	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	17,05	6,93	8,72	28,65	66,22	14,65
-8,48	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	18,72	7,48	10,54	31,45	67,16	17,70
-8,59	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	20,36	8,03	12,52	34,21	68,07	21,04
-8,59	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	20,36	8,03	12,52	34,21	68,07	21,04



QUOTA DAL L.M.M. (m)	COMBINAZIONE	CARATTERISTICHE MECCANICHE DELLA SEZIONE				SOLLECITAZIONI a ml di paratia			SOLLECITAZIONI PER SEZIONE (in valore assoluto)		
		sezione tipo	Area resistente a compressione (mmq)	W elastico (mm <sup>3</sup> )	Area resistente a taglio (mmq)	V <sub>sd</sub> (kN)	N <sub>sd</sub> (kN)	M <sub>sd</sub> (kNm)	V <sub>sd</sub> (kN)	N <sub>sd</sub> (kN)	M <sub>sd</sub> (kNm)
-8,69	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	22,00	8,57	14,71	36,97	68,98	24,72
-8,79	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	23,62	9,09	17,07	39,68	69,86	28,68
-8,90	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	25,21	9,61	19,60	42,35	70,73	32,92
-9,00	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	26,77	10,11	22,28	44,98	71,56	37,44
-9,00	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	26,78	10,11	22,28	44,99	71,57	37,44
-9,11	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	28,42	10,76	25,32	47,74	72,67	42,54
-9,22	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	30,05	11,41	28,54	50,48	73,76	47,94
-9,33	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	31,67	12,06	31,93	53,20	74,84	53,64
-9,44	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	33,27	12,70	35,50	55,90	75,92	59,64
-9,44	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	33,28	12,70	35,50	55,90	75,92	59,64
-9,56	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	35,03	13,40	39,64	58,84	77,09	66,59
-9,68	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	36,76	14,09	43,98	61,75	78,25	73,89
-9,80	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	38,46	14,77	48,54	64,62	79,40	81,55
-9,92	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	40,15	15,44	53,30	67,45	80,53	89,54
-9,92	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	40,15	15,44	53,30	67,45	80,52	89,54
-10,06	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	41,97	16,17	58,77	70,51	81,75	98,74
-10,19	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	43,76	16,88	64,49	73,51	82,94	108,34
-10,32	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	45,51	17,58	70,44	76,45	84,12	118,34
-10,46	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	47,21	18,26	76,62	79,32	85,26	128,72
-10,46	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	47,21	18,26	76,62	79,31	85,26	128,72
-10,60	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	49,04	18,99	83,68	82,38	86,48	140,59
-10,75	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	50,79	19,69	91,01	85,33	87,66	152,90
-10,90	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	52,47	20,36	98,60	88,14	88,78	165,64
-11,04	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	54,06	20,99	106,41	90,82	89,85	178,78
-11,04	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	54,05	20,99	106,41	90,80	89,85	178,78
-11,21	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	55,68	21,66	115,28	93,54	90,98	193,67
-11,37	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	57,15	22,29	124,41	96,01	92,03	209,00
-11,53	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	58,45	22,87	133,75	98,20	93,01	224,70
-11,69	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	59,54	23,38	143,29	100,02	93,87	240,73
-11,69	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	59,58	23,40	143,29	100,10	93,90	240,73
-11,87	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	60,59	23,91	153,98	101,79	94,76	258,69
-12,05	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	61,23	24,30	164,83	102,86	95,42	276,92
-12,23	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	61,43	24,55	175,75	103,21	95,82	295,27
-12,40	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	61,17	24,63	186,67	102,77	95,96	313,60
-12,40	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	61,09	24,60	186,67	102,63	95,91	313,60
-12,60	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	60,19	24,48	198,56	101,11	95,71	333,58
-12,80	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	58,45	24,08	210,20	98,19	95,03	353,13
-12,99	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	55,93	23,41	221,42	93,97	93,92	371,99
-13,19	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	52,71	22,52	232,07	88,55	92,42	389,88
-13,19	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	52,69	22,65	232,07	88,52	92,63	389,88
-13,40	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	47,88	21,04	242,95	80,44	89,94	408,16
-13,62	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	41,19	19,19	252,60	69,21	86,82	424,36
-13,83	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	32,71	17,15	260,60	54,95	83,40	437,81
-14,05	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	22,51	15,00	266,59	37,82	79,79	447,87

QUOTA DAL L.M.M. (m)	COMBINAZIONE	CARATTERISTICHE MECCANICHE DELLA SEZIONE				SOLLECITAZIONI a ml di paratia			SOLLECITAZIONI PER SEZIONE (in valore assoluto)		
		sezione tipo	Area resistente a compressione (mmq)	W elastico (mm <sup>3</sup> )	Area resistente a taglio (mmq)	V <sub>sd</sub> (kN)	N <sub>sd</sub> (kN)	M <sub>sd</sub> (kNm)	V <sub>sd</sub> (kN)	N <sub>sd</sub> (kN)	M <sub>sd</sub> (kNm)
-14,05	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	21,28	14,64	266,59	35,76	79,18	447,87
-14,29	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	7,83	12,19	270,12	13,15	75,07	453,80
-14,52	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	-9,64	9,43	269,99	16,20	70,43	453,58
-14,76	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	-31,24	6,36	265,21	52,48	65,26	445,56
-15,00	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	-58,32	3,45	254,81	97,97	60,38	428,09
-15,00	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	-57,08	2,97	254,81	95,89	59,57	428,09
-15,25	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	-60,36	4,34	239,98	101,41	61,88	403,16
-15,50	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	-62,15	5,10	224,65	104,41	63,16	377,42
-15,75	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	-63,67	5,74	208,92	106,96	64,22	350,98
-16,00	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	-64,90	6,25	192,84	109,03	65,08	323,98
-16,00	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	-64,89	6,26	192,84	109,01	65,10	323,98
-16,25	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	-65,81	6,68	176,50	110,56	65,80	296,52
-16,50	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	-66,38	7,00	159,97	111,52	66,35	268,75
-16,75	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	-66,61	7,23	143,33	111,90	66,74	240,80
-17,00	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	-66,48	7,37	126,69	111,68	66,97	212,85
-17,00	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	-66,43	7,37	126,69	111,61	66,97	212,85
-17,25	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	-65,93	7,42	110,14	110,77	67,05	185,04
-17,50	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	-64,90	7,37	93,77	109,03	66,97	157,54
-17,75	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	-63,30	7,22	77,73	106,35	66,72	130,59
-18,00	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	-61,13	6,98	62,17	102,70	66,31	104,44
-18,00	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	-60,94	6,70	62,17	102,39	65,84	104,44
-18,25	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	-52,83	6,46	47,96	88,75	65,44	80,57
-18,50	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	-45,13	5,86	35,72	75,82	64,44	60,01
-18,75	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	-37,83	4,98	25,36	63,55	62,95	42,60
-19,00	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	-30,87	3,88	16,78	51,86	61,11	28,19
-19,00	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	-30,71	3,97	16,78	51,60	61,25	28,19
-19,25	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	-24,07	2,87	9,93	40,43	59,41	16,68
-19,50	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	-17,10	1,82	4,77	28,72	57,64	8,01
-19,75	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	-9,65	0,83	1,42	16,20	55,98	2,38
-20,00	SLU_A2-M2_LT	Psp600	28600,00	5570000,00	12416,00	-1,57	-0,06	0,00	2,64	54,69	0,00

QUOTA DAL L.M.M. (m)	COMBINAZIONE	Verifica tensionale di resistenza			VERIFICA INSTABILITA'									
		sigma ideale di calcolo (N+M+T)	sigma id.max	verifica s <sub>N-M-V</sub> cl.3	kyy	Limite superiore Kyy	kzy	χ <sub>y</sub>	χ <sub>z</sub>	χ <sub>LT</sub>	N+M instabilità - disuguaglianza 1		N+M instabilità - disuguaglianza 2	
-5,04	SLU_A2-M2_LT	13,269	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0138	<1 - ok	0,0151	<1 - ok
-5,20	SLU_A2-M2_LT	13,269	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0138	<1 - ok	0,0151	<1 - ok
-5,36	SLU_A2-M2_LT	13,269	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0138	<1 - ok	0,0151	<1 - ok
-5,36	SLU_A2-M2_LT	13,269	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0138	<1 - ok	0,0151	<1 - ok
-5,52	SLU_A2-M2_LT	13,269	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0138	<1 - ok	0,0151	<1 - ok
-5,68	SLU_A2-M2_LT	13,269	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0138	<1 - ok	0,0151	<1 - ok
-5,84	SLU_A2-M2_LT	13,269	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0138	<1 - ok	0,0151	<1 - ok
-6,00	SLU_A2-M2_LT	13,269	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0138	<1 - ok	0,0151	<1 - ok
-6,00	SLU_A2-M2_LT	13,269	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0138	<1 - ok	0,0151	<1 - ok
-6,08	SLU_A2-M2_LT	13,269	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0138	<1 - ok	0,0151	<1 - ok
-6,15	SLU_A2-M2_LT	13,269	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0138	<1 - ok	0,0151	<1 - ok
-6,23	SLU_A2-M2_LT	13,269	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0138	<1 - ok	0,0151	<1 - ok
-6,30	SLU_A2-M2_LT	13,273	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0138	<1 - ok	0,0151	<1 - ok
-6,30	SLU_A2-M2_LT	13,269	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0138	<1 - ok	0,0151	<1 - ok
-6,39	SLU_A2-M2_LT	13,306	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0138	<1 - ok	0,0151	<1 - ok
-6,47	SLU_A2-M2_LT	13,332	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0138	<1 - ok	0,0151	<1 - ok
-6,56	SLU_A2-M2_LT	13,357	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0138	<1 - ok	0,0152	<1 - ok
-6,64	SLU_A2-M2_LT	13,383	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0138	<1 - ok	0,0152	<1 - ok
-6,64	SLU_A2-M2_LT	13,391	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0139	<1 - ok	0,0152	<1 - ok
-6,73	SLU_A2-M2_LT	13,456	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0139	<1 - ok	0,0152	<1 - ok
-6,82	SLU_A2-M2_LT	13,536	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0139	<1 - ok	0,0152	<1 - ok
-6,91	SLU_A2-M2_LT	13,625	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0140	<1 - ok	0,0153	<1 - ok
-7,00	SLU_A2-M2_LT	13,718	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0140	<1 - ok	0,0153	<1 - ok
-7,00	SLU_A2-M2_LT	13,726	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0140	<1 - ok	0,0153	<1 - ok
-7,10	SLU_A2-M2_LT	13,587	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0140	<1 - ok	0,0153	<1 - ok
-7,19	SLU_A2-M2_LT	13,367	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0138	<1 - ok	0,0152	<1 - ok
-7,29	SLU_A2-M2_LT	13,846	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0140	<1 - ok	0,0153	<1 - ok
-7,39	SLU_A2-M2_LT	14,916	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0142	<1 - ok	0,0156	<1 - ok
-7,39	SLU_A2-M2_LT	14,726	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0142	<1 - ok	0,0155	<1 - ok
-7,49	SLU_A2-M2_LT	16,777	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0147	<1 - ok	0,0161	<1 - ok
-7,58	SLU_A2-M2_LT	19,735	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0156	<1 - ok	0,0168	<1 - ok
-7,68	SLU_A2-M2_LT	23,757	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0167	<1 - ok	0,0178	<1 - ok
-7,78	SLU_A2-M2_LT	28,966	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0180	<1 - ok	0,0189	<1 - ok
-7,78	SLU_A2-M2_LT	28,995	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0181	<1 - ok	0,0190	<1 - ok
-7,88	SLU_A2-M2_LT	35,627	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0198	<1 - ok	0,0204	<1 - ok
-7,98	SLU_A2-M2_LT	43,815	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0218	<1 - ok	0,0221	<1 - ok
-8,08	SLU_A2-M2_LT	53,650	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0242	<1 - ok	0,0241	<1 - ok
-8,18	SLU_A2-M2_LT	65,254	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0268	<1 - ok	0,0263	<1 - ok
-8,18	SLU_A2-M2_LT	65,250	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0268	<1 - ok	0,0263	<1 - ok
-8,28	SLU_A2-M2_LT	78,966	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0299	<1 - ok	0,0288	<1 - ok
-8,38	SLU_A2-M2_LT	94,764	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0332	<1 - ok	0,0315	<1 - ok
-8,48	SLU_A2-M2_LT	112,795	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0369	<1 - ok	0,0346	<1 - ok
-8,59	SLU_A2-M2_LT	133,219	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0409	<1 - ok	0,0378	<1 - ok
-8,59	SLU_A2-M2_LT	133,220	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0409	<1 - ok	0,0378	<1 - ok

QUOTA DAL L.M.M. (m)	COMBINAZIONE	Verifica tensionale di resistenza			VERIFICA INSTABILITA'									
		sigma ideale di calcolo (N+M+T)	sigma id.max	verifica s <sub>N-M-V</sub> cl.3	kyy	Limite superiore Kyy	kzy	$\chi_y$	$\chi_z$	$\chi_{LT}$	N+M instabilità - disuguaglianza 1		N+M instabilità - disuguaglianza 2	
-8,69	SLU_A2-M2_LT	156,613	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0453	<1 - ok	0,0414	<1 - ok
-8,79	SLU_A2-M2_LT	182,864	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0500	<1 - ok	0,0452	<1 - ok
-8,90	SLU_A2-M2_LT	212,165	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0550	<1 - ok	0,0493	<1 - ok
-9,00	SLU_A2-M2_LT	244,715	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0603	<1 - ok	0,0536	<1 - ok
-9,00	SLU_A2-M2_LT	244,747	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0603	<1 - ok	0,0536	<1 - ok
-9,11	SLU_A2-M2_LT	284,406	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0663	<1 - ok	0,0585	<1 - ok
-9,22	SLU_A2-M2_LT	328,755	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0726	<1 - ok	0,0636	<1 - ok
-9,33	SLU_A2-M2_LT	378,132	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0793	<1 - ok	0,0691	<1 - ok
-9,44	SLU_A2-M2_LT	432,865	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0864	<1 - ok	0,0748	<1 - ok
-9,44	SLU_A2-M2_LT	432,880	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0864	<1 - ok	0,0748	<1 - ok
-9,56	SLU_A2-M2_LT	499,793	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0945	<1 - ok	0,0814	<1 - ok
-9,68	SLU_A2-M2_LT	574,206	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1030	<1 - ok	0,0883	<1 - ok
-9,80	SLU_A2-M2_LT	656,584	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1119	<1 - ok	0,0955	<1 - ok
-9,92	SLU_A2-M2_LT	747,409	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1212	<1 - ok	0,1030	<1 - ok
-9,92	SLU_A2-M2_LT	747,386	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1212	<1 - ok	0,1030	<1 - ok
-10,06	SLU_A2-M2_LT	857,785	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1319	<1 - ok	0,1116	<1 - ok
-10,19	SLU_A2-M2_LT	979,729	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1430	<1 - ok	0,1206	<1 - ok
-10,32	SLU_A2-M2_LT	1113,830	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1545	<1 - ok	0,1299	<1 - ok
-10,46	SLU_A2-M2_LT	1260,682	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1665	<1 - ok	0,1396	<1 - ok
-10,46	SLU_A2-M2_LT	1260,587	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1665	<1 - ok	0,1396	<1 - ok
-10,60	SLU_A2-M2_LT	1437,796	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1802	<1 - ok	0,1506	<1 - ok
-10,75	SLU_A2-M2_LT	1631,721	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1944	<1 - ok	0,1621	<1 - ok
-10,90	SLU_A2-M2_LT	1842,882	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,2090	<1 - ok	0,1738	<1 - ok
-11,04	SLU_A2-M2_LT	2071,710	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,2241	<1 - ok	0,1860	<1 - ok
-11,04	SLU_A2-M2_LT	2071,506	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,2241	<1 - ok	0,1860	<1 - ok
-11,21	SLU_A2-M2_LT	2344,542	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,2411	<1 - ok	0,1997	<1 - ok
-11,37	SLU_A2-M2_LT	2639,327	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,2587	<1 - ok	0,2138	<1 - ok
-11,53	SLU_A2-M2_LT	2955,671	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,2766	<1 - ok	0,2282	<1 - ok
-11,69	SLU_A2-M2_LT	3291,763	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,2949	<1 - ok	0,2429	<1 - ok
-11,69	SLU_A2-M2_LT	3293,147	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,2949	<1 - ok	0,2429	<1 - ok
-11,87	SLU_A2-M2_LT	3687,260	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,3153	<1 - ok	0,2593	<1 - ok
-12,05	SLU_A2-M2_LT	4100,609	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,3360	<1 - ok	0,2760	<1 - ok
-12,23	SLU_A2-M2_LT	4527,291	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,3568	<1 - ok	0,2926	<1 - ok
-12,40	SLU_A2-M2_LT	4962,077	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,3775	<1 - ok	0,3092	<1 - ok
-12,40	SLU_A2-M2_LT	4959,336	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,3775	<1 - ok	0,3092	<1 - ok
-12,60	SLU_A2-M2_LT	5438,524	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,3999	<1 - ok	0,3271	<1 - ok
-12,80	SLU_A2-M2_LT	5904,357	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,4218	<1 - ok	0,3445	<1 - ok
-12,99	SLU_A2-M2_LT	6349,271	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,4427	<1 - ok	0,3612	<1 - ok
-13,19	SLU_A2-M2_LT	6765,697	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,4625	<1 - ok	0,3769	<1 - ok
-13,19	SLU_A2-M2_LT	6773,095	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,4626	<1 - ok	0,3770	<1 - ok
-13,40	SLU_A2-M2_LT	7160,401	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,4825	<1 - ok	0,3927	<1 - ok
-13,62	SLU_A2-M2_LT	7473,921	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,4999	<1 - ok	0,4064	<1 - ok
-13,83	SLU_A2-M2_LT	7701,166	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,5142	<1 - ok	0,4176	<1 - ok
-14,05	SLU_A2-M2_LT	7831,274	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,5246	<1 - ok	0,4257	<1 - ok

QUOTA DAL L.M.M. (m)	COMBINAZIONE	Verifica tensionale di resistenza			VERIFICA INSTABILITA'									
		sigma ideale di calcolo (N+M+T)	sigma id.max	verifica s <sub>N-M-V</sub> cl.3	kyy	Limite superiore Kyy	kzy	χ <sub>y</sub>	χ <sub>z</sub>	χ <sub>LT</sub>	N+M instabilità - disuguaglianza 1		N+M instabilità - disuguaglianza 2	
-14,05	SLU_A2-M2_LT	7804,775	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,5245	<1 - ok	0,4255	<1 - ok
-14,29	SLU_A2-M2_LT	7814,469	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,5301	<1 - ok	0,4297	<1 - ok
-14,52	SLU_A2-M2_LT	7665,605	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,5287	<1 - ok	0,4282	<1 - ok
-14,76	SLU_A2-M2_LT	7362,608	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,5184	<1 - ok	0,4196	<1 - ok
-15,00	SLU_A2-M2_LT	6973,157	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,4974	<1 - ok	0,4025	<1 - ok
-15,00	SLU_A2-M2_LT	6938,496	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,4972	<1 - ok	0,4022	<1 - ok
-15,25	SLU_A2-M2_LT	6325,737	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,4697	<1 - ok	0,3804	<1 - ok
-15,50	SLU_A2-M2_LT	5686,371	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,4411	<1 - ok	0,3576	<1 - ok
-15,75	SLU_A2-M2_LT	5062,209	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,4116	<1 - ok	0,3341	<1 - ok
-16,00	SLU_A2-M2_LT	4459,874	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,3814	<1 - ok	0,3100	<1 - ok
-16,00	SLU_A2-M2_LT	4459,993	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,3814	<1 - ok	0,3100	<1 - ok
-16,25	SLU_A2-M2_LT	3885,856	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,3506	<1 - ok	0,2854	<1 - ok
-16,50	SLU_A2-M2_LT	3344,477	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,3195	<1 - ok	0,2605	<1 - ok
-16,75	SLU_A2-M2_LT	2840,825	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,2881	<1 - ok	0,2355	<1 - ok
-17,00	SLU_A2-M2_LT	2378,885	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,2567	<1 - ok	0,2103	<1 - ok
-17,00	SLU_A2-M2_LT	2378,250	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,2567	<1 - ok	0,2103	<1 - ok
-17,25	SLU_A2-M2_LT	1960,826	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,2254	<1 - ok	0,1853	<1 - ok
-17,50	SLU_A2-M2_LT	1587,620	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1944	<1 - ok	0,1605	<1 - ok
-17,75	SLU_A2-M2_LT	1260,323	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1639	<1 - ok	0,1362	<1 - ok
-18,00	SLU_A2-M2_LT	979,208	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1344	<1 - ok	0,1125	<1 - ok
-18,00	SLU_A2-M2_LT	973,093	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1343	<1 - ok	0,1123	<1 - ok
-18,25	SLU_A2-M2_LT	684,655	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,1073	<1 - ok	0,0907	<1 - ok
-18,50	SLU_A2-M2_LT	467,661	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0839	<1 - ok	0,0719	<1 - ok
-18,75	SLU_A2-M2_LT	308,098	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0639	<1 - ok	0,0558	<1 - ok
-19,00	SLU_A2-M2_LT	193,907	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0472	<1 - ok	0,0423	<1 - ok
-19,00	SLU_A2-M2_LT	193,300	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0472	<1 - ok	0,0424	<1 - ok
-19,25	SLU_A2-M2_LT	114,976	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0338	<1 - ok	0,0315	<1 - ok
-19,50	SLU_A2-M2_LT	61,300	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0236	<1 - ok	0,0232	<1 - ok
-19,75	SLU_A2-M2_LT	28,022	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0168	<1 - ok	0,0176	<1 - ok
-20,00	SLU_A2-M2_LT	13,628	114308,390	OK-soddisfatta	0,950	0,950	0,760	0,409	0,373	0,448	0,0138	<1 - ok	0,0151	<1 - ok