PILES WALL/PILA Ø1200/1.30m
H=15.00m TIPE/TIP 1

POS.	Ø	FORM	LENGHT
	[mm]		[cm]
1	14	1200	1200 20
2	20 / 1500	345	345 9
3	12 / 200	174	348 75
4	20	500 (2000) 1200	500 26

PILES WALL/PILA Ø1200/1.30m
H=17.00m TIPE/TIP 2

POS.	Ø	FORM	LENGHT
	[mm]		[cm]
1	16	1200	1200 20
2	20 / 1500	345	345 11
3	12 / 200	174	348 83
4	20	700 (2000) 1200	700 26

PILES WALL/PILA Ø1200/1.30m
H=22.00m TIPE/TIP 3

POS.	Ø	FORM	LENGHT
	[mm]		[cm]
1	20	1200	1200 26
2	20 / 1500	345	345 14
3	12 / 200	174	348 109
4	16	1200 (2000) 1200	1200 20

PILES WALL/PILA Ø1200/1.30m
H=25.00m TIPE/TIP 4

POS.	Ø	FORM	LENGHT
	[mm]		[cm]
1	26	1200	1200 30
2	20 / 1500	345	345 16
3	12 / 200	174	348 122
4	26	1200 (2000) 1200	510 35

PILES WALL/PILA Ø1200/1.30m
H=28.00m TIPE/TIP 5

POS.	Ø	FORM	LENGHT
	[mm]		[cm]
1	26	1200	1200 35
2	20 / 1500	345	345 18
3	14 / 200	174	348 137
4	26	800 (2000) 1200	800 35

PILES WALL/PILA Ø1200/1.30m
H=15.00m Scale/Scare 1:50

PILES WALL/PILA Ø1200/1.30m
H=17.00m Scale/Scare 1:50

PILES WALL/PILA Ø1200/1.30m
H=22.00m Scale/Scare 1:50

PILES WALL/PILA Ø1200/1.30m
H=25.00m Scale/Scare 1:50

PILES WALL/PILA Ø1200/1.30m
H=28.00m Scale/Scare 1:50

PILES WALL/PILA Ø1200/1.30m
H=15.00m

PILES WALL/PILA Ø1200/1.30m
H=17.00m

PILES WALL/PILA Ø1200/1.30m
H=22.00m

PILES WALL/PILA Ø1200/1.30m
H=25.00m

PILES WALL/PILA Ø1200/1.30m
H=28.00m

GUVERNUL ROMANIEI
ROMANIAN GOVERNMENT

PROIECT FINANTAT DE UNIUNEA EUROPEANA
EUROPEAN UNION FINANCED PROJECT

C.N.C.F. "C.F.R." - S.A.

CLIENT / CLIENT

CONSULTANT / CONSULTANT

				Semnătură Signature
Autorizat Approved	Şef proiect Project manager	R. Liuzza		
Aprobat Approved	Coordonator Secţiune 1 Section 1 Coordinator	C.Gambelli		
Verificat Checked	Tunel Expert Tunnel Expert	C. Gambelli		
Întocmit Elaborated	Proiectant Designer	C.Gambelli		

SUBCONSULTANT / SUBCONSULTANT

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible		
Întocmit Elaborated	Proiectant Designer		

Denumire desen / Drawing Title :

ARCHITA 1 TUNNEL
ENTRANCE EIA SIDE
Tunnel entrance concrete pile wall. Reinforcements
Pilee din beton a peretului de la intrarea in tunel. Armaturi

Scara / Scale		LOT	Nr. / No.
variat / various			-

Codificare / Codification System

E A 5 1 | 0 1 | C | 1 4 | B Z | G A | 0 6 | 0 | 0 | 0 0 2 | 0

Index	Data / Date	Modificare / Modification	Proiectant / Designer	Aprobat Consultant / Approved Consultant	Aprobat CFR / Approved CFR
D					
C					
B					
A					

PROIECT FINANTAT DE UNIUNEA EUROPEANA
EUROPEAN UNION FINANCED PROJECT

C.N.C.F. "C.F.R." - S.A.

CLIENT / CLIENT

Rezolvarea liniei de cale ferată Brașov - Simeria, parte componentă a coridorului IV Pan European, pentru circulația trenurilor cu viteza maximă de 160 km/h.
Secțiunea 1 Brașov - Sighișoara

Proiect/Project
2004/RO/16/P/PA/003

Reabilitarea of the railway line Brașov - Simeria, component Part of the IV Pan-European Corridor, for the trains circulation with maximum speed of 160 km/h.
Section 1 Brașov - Sighișoara

Faza / Phase:
P.Th. / T.D.

PILES WALL/PILA Ø1200/1.30m
H=28.00m

PILES WALL/PILA Ø1200/1.30m
H=25.00m

PILES WALL/PILA Ø1200/1.30m
H=22.00m

PILES WALL/PILA Ø1200/1.30m
H=17.00m

PILES WALL/PILA Ø1200/1.30m
H=15.00m

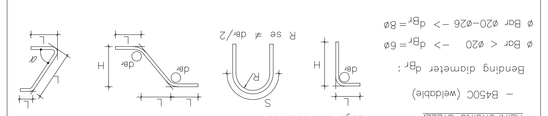
STEELS TABLE

REINFORCING STEEL Legend measures:

- B450C (weldable)

Bending diameter d_{BI}:

ø Bar < ø20 --> d_{BI}=6ø
ø Bar ø20-ø26 --> d_{BI}=8ø



MATERIAL TABLE

CONCRETE PILE:

- Type H2
- fck >=25 MPa
- Water/cement ratio <0,50
- Cement type CEM III/V
- Class of chloride content Cl 0,20
- ø max aggregate = 22,4 mm

CONCRETE CURB:

- Type H2
- fck >=25 MPa
- Water/cement ratio <0,50
- Minimum structural Class S4/S5
- Cement type CEM III/V
- Class of chloride content Cl 0,20
- ø max aggregate = 22,4 mm

REINFORCING STEEL:

- B450C corrugated by establishment
- Weldable

LEAN CONCRETE:

- Type I
- fck >=12 MPa
- Cement type CEM I/V