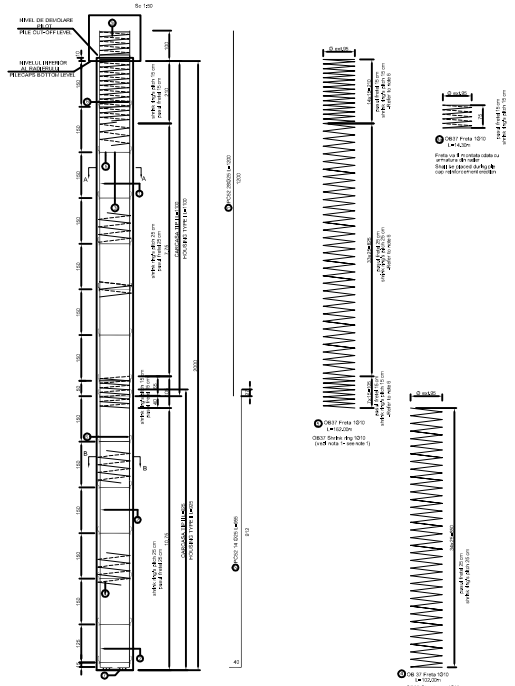
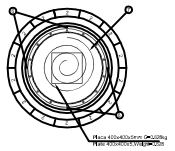
ARMARE PILOT CULEE - PILE REINFORCEMENT - ABUTMENTS
1,20m diametru, 20,00m lungime - 1,20m dia, 20,00m length

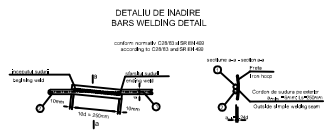


SECTIUNE A-A
SECTION A-A
Sc 1/20

SECTIUNE B-B
SECTION B-B
Sc 1/20



DETALIU DE INADIRE
BARS WELDING DETAIL



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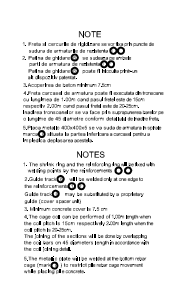


EXTRAS DE ARMATURA PT. UN PILOT
REINFORCEMENT AMOUNT FOR ONE PILE

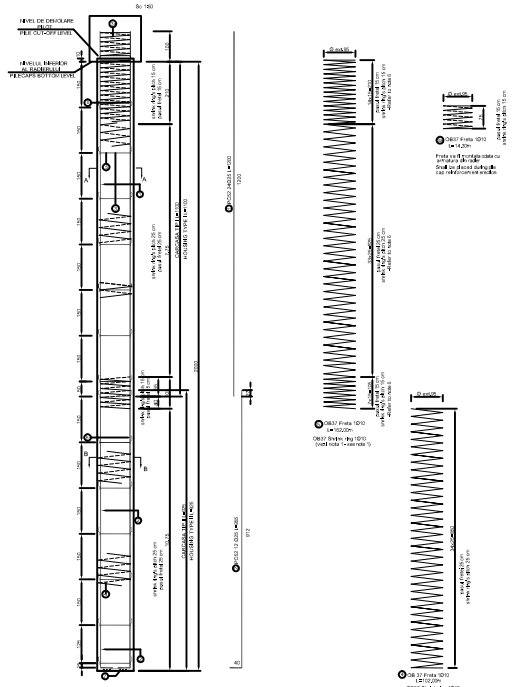
M	Ø	n	l_b [m]	Σl_b [m]	Σl_b Ø [m]	G [kg]	Obs.
CARCASA TIP 1 + HOLDING TYPE 1							
A1	32	32	22,22	711,04	4390	17564	PCS1
A2	32	1	22,22	22,22	137	548	
A3	32	1	22,22	22,22	137	548	OB37
TOTAL CARCASA TIP 1						PCS1 = 18,112kg	
TOTAL HOLDING TYPE 1						OB37 = 1,1kg	
CARCASA TIP 2 + HOLDING TYPE 2							
A1	32	32	22,22	711,04	4390	17564	PCS1
A2	32	1	22,22	22,22	137	548	
A3	32	1	22,22	22,22	137	548	OB37
TOTAL CARCASA TIP 2						PCS1 = 18,112kg	
TOTAL HOLDING TYPE 2						OB37 = 1,1kg	

ELEMENTE CARACTERISTICE / CHARACTERISTIC ELEMENTS	Ø=1,20m
Volum beton / Concrete volume	24,0m³
Suprafata laterala / Lateral surface	75,4m²
Suprafata de sapatura / Excavation surface	1,13m²
Suprafata totala / Total surface	76,5m²

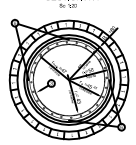
NUMAR TOTAL DE PILOTI / TOTAL NUMBER OF PILES: 28+2 buc/pcs
DE VOR EXECUTA 2 PILOTI DE PROBA
TWO 1,20m Ø TEST PILES SHALL BE CARRIED OUT

PCS1 28 x 18,112kg = 507,136kg
OB37 28 x 1,1kg = 30,8kg

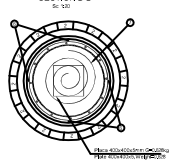
ARMARE PILOT PILA - PILE REINFORCEMENT - PIER
1,20m diametru, 20,00m lungime - 1,20m dia, 20,00m length



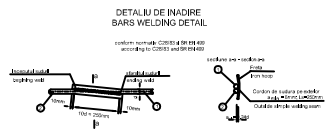
SECTIUNE A-A
SECTION A-A
Sc 1/20



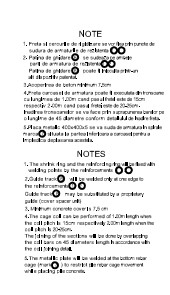
SECTIUNE B-B
SECTION B-B
Sc 1/20



DETALIU DE INADIRE
BARS WELDING DETAIL



NOTE



EXTRAS DE ARMATURA PT. UN PILOT
REINFORCEMENT AMOUNT FOR ONE PILE

M	Ø	n	l_b [m]	Σl_b [m]	Σl_b Ø [m]	G [kg]	Obs.
CARCASA TIP 1 + HOLDING TYPE 1							
A1	32	32	22,22	711,04	4390	17564	PCS1
A2	32	1	22,22	22,22	137	548	
A3	32	1	22,22	22,22	137	548	OB37
TOTAL CARCASA TIP 1						PCS1 = 18,112kg	
TOTAL HOLDING TYPE 1						OB37 = 1,1kg	
CARCASA TIP 2 + HOLDING TYPE 2							
A1	32	32	22,22	711,04	4390	17564	PCS1
A2	32	1	22,22	22,22	137	548	
A3	32	1	22,22	22,22	137	548	OB37
TOTAL CARCASA TIP 2						PCS1 = 18,112kg	
TOTAL HOLDING TYPE 2						OB37 = 1,1kg	

ELEMENTE CARACTERISTICE / CHARACTERISTIC ELEMENTS	Ø=1,20m
Volum beton / Concrete volume	24,0m³
Suprafata laterala / Lateral surface	75,4m²
Suprafata de sapatura / Excavation surface	1,13m²
Suprafata totala / Total surface	76,5m²

NUMAR TOTAL DE PILOTI / TOTAL NUMBER OF PILES: 28+2 buc/pcs
DE VOR EXECUTA 2 PILOTI DE PROBA
TWO 1,20m Ø TEST PILES SHALL BE CARRIED OUT

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

GUVERNUL ROMANIEI
ROMANIAN GOVERNMENT

PROIECT FINANȚAT DE UNIUNEA EURO
EUROPEAN UNION FINANCED PR

CFR

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

CLIENT / CLIENT

ITALFERR
GRUPPO FERROVIE DELLO STATO
Joint Venture leader

Scott Wilson

OBERMEYER
PLANEN + BERATEN GmbH

TECNIC
Consulting Engineers

CONSULTANT / CONSULTANT

			Data / Date	Semnătură / Signature
Aprobat / Approved	Șef proiect / Project manager	R. Liuzza		
Aprobat / Approved	Coordonator Secțiune 1 / Section 1 Coordinator	C. Gambelli		
Verificat / Checked	Expert Cheie / Checking Expert	V.Kalldromitis		

SUBCONTRACTANT / SUBCONTRACTOR

ARTA

Aprobat / Approved	Responsabil Subconsultant / Subconsultant Responsible	A. Dinulescu Stanciu	02.2012	
Întocmit / Elaborated	Proiectant / Designer	Ionela Ungureanu	02.2012	

Reabilitarea liniei de cale ferata Brașov - Simeria, parte componentă a coridorului IV Pan European, pentru circulația trenurilor cu viteza maximă de 160 km/h;
Tronsonul : Brașov - Sighișoara
Rehabilitation 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 : Brașov - Sighișoara

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

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

Denumire desen / Drawing Title :
INTERVAL / SECTION RACOS - CATA
PASAJ SUPERIOR / OVER PASS - KM 225+068.122
PLAN ARMARE COLOANE / REINFORCEMENT COLUMNS PLAN

Codificare / Codification System	Scara / Scale 1:10	LOT / LOT	Nr. / No 01 / 01

EA51 01 E 12 BC PA 00 3 1 017 0