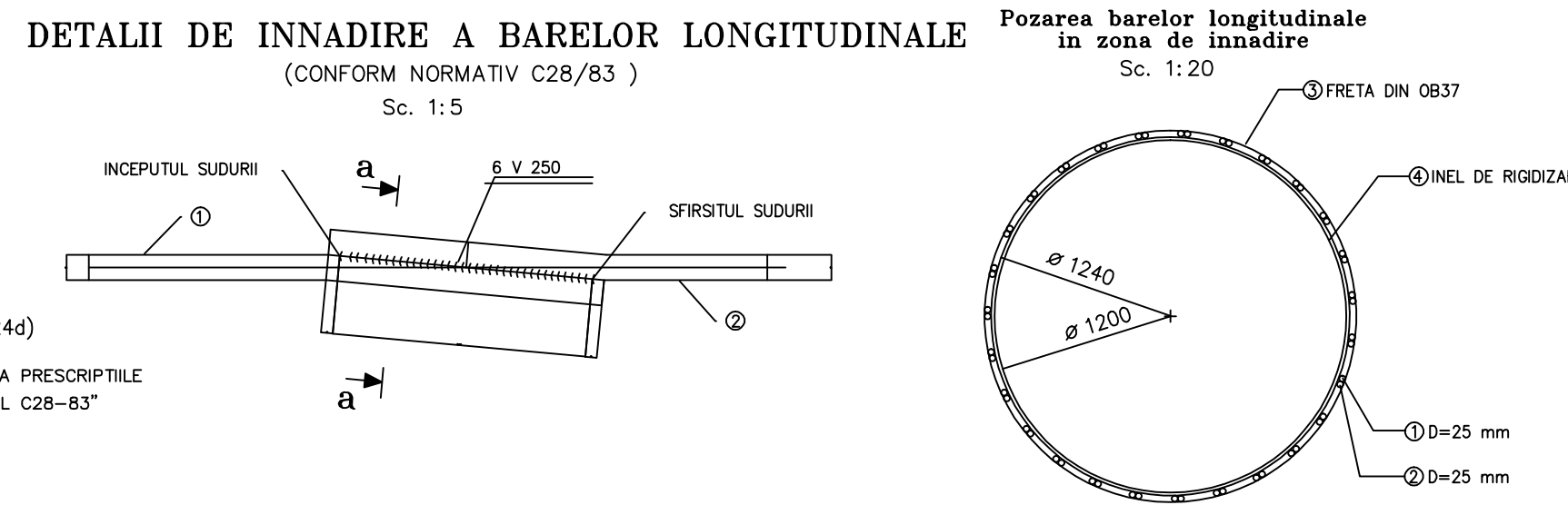


NOTA

1. Prezentul plan a fost intocmit in conformitate cu prevederile SR EN 1536:2011 "Executia lucrarilor geotehnice speciale. Piloti forati".
2. S-a ovat in vederea planului de cofraj EA5101E15BBPV03720031, EA5101E15BBPV03720041.
3. La executie se vor respecta cu strictete prevederile din caietul de sarcini si se vor intocmi fisele de forare si betonare.
4. La executie se vor respecta cu strictete prevederile din "Normativ pentru producerea betonului si executarea lucrarilor din beton, beton armat si beton precomprimat. Partea 1: Producerea betonului", indicativ NE 012/1-2007 si "Normativ pentru producerea betonului si executarea lucrarilor din beton, beton armat si beton precomprimat. Partea 2: Executarea lucrarilor din beton", indicativ NE 012/2-2010, iar verificarea calitatii lucrarilor si receptiunea lor se va face conform normativului C56-1985.
5. Dupa executarea sapaturii pentru prima coloana se va chema proiectantul geotehnician pentru confirmarea naturii terenului intalnit in stratul strabatut de coloane pana la cota de fundare a acestora.

NOTE:

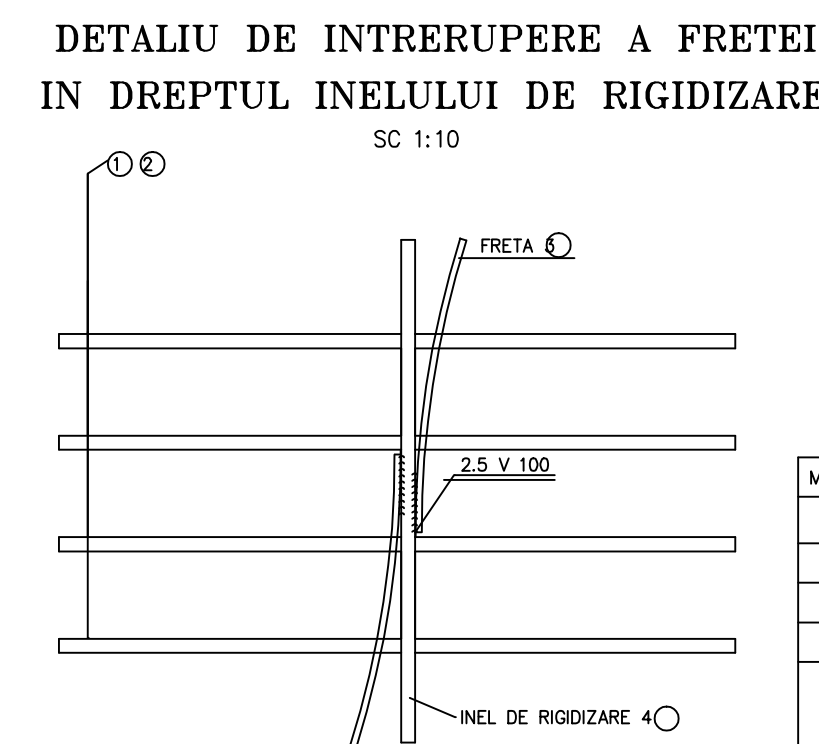
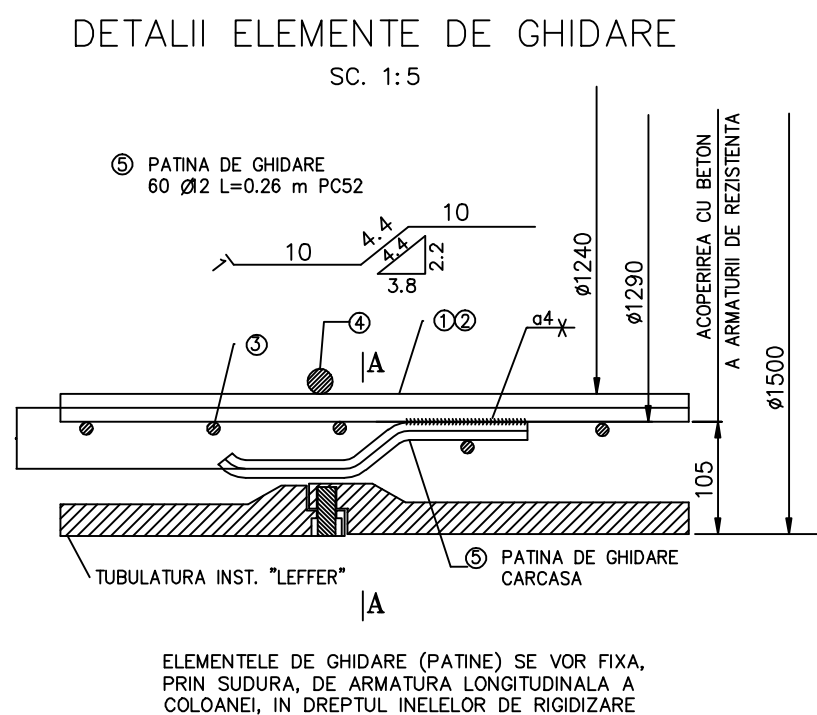
1. This drawing was prepared according to the provisions SR EN 1536:2011 "Special geotechnical works. Drilled piles".
2. The shuttering plan EA5101E15BBPV03720031, EA5101E15BBPV03720041 was taken into consideration.
3. During the works, the provisions in the Technical Specifications will be strictly observed and the drilling and concreting sheets will be prepared accordingly.
4. During the works, the provisions of the following norms will be strictly observed: "Norm for concrete manufacturing and concrete, reinforced concrete and pre-stressed concrete works. Part 1: Concrete manufacturing", indicative NE 012/1-2007 and "Norm for concrete manufacturing and concrete, reinforced concrete and pre-stressed concrete works. Part 2: Concrete works", indicative NE 012/2-2010; the work quality control and acceptance will comply with norm C56-1985.
5. After the excavations for the first column, the geotechnician designer will be called to confirm the nature of the ground encountered in the layer crossed through by the columns up to the foundation level.



EXTRAS DE ARMATURA NECESARA PENTRU ARMAREA UNEI COLOANE Ø1.50, L= 20.00 m

MARCA	DIAM.	NR.BUC.	LUNG.PE BUC	LUNGIMI PE DIAMETRE			
				OB 37 Ø12	PC 52 S255 Ø12	S355 Ø20	S345 Ø25
1	25	27	12.00				324.00
2	25	27	10.40				280.80
3	12	1	537.50	537.50			
4	20	15	3.92			58.80	
5	12	60	0.26		15.60		
6	12	1	1.55		1.6		
7	12	1	2.85		2.9		
LUNGIMI TOTALE(m)				537.50	20.10	58.80	604.80
GREUTATE PE ml(kg/m)				0.888	0.888	2.466	3.853
GREUTATE PE DIAM.(kg)				477.30	17.90	145.00	2330.30
GREUTATE TOTALA(kg)				2970.50			
Sudura 2%(kg)				59.40			
Pierderi 5%(kg)				148.50			
GREUTATE TOTALA(kg)				3200.00			

TOTAL : 44buc. x 3200.00 kg = 140800kg



MATERIAL METALIC PENTRU UN DOP LA TUBUL DE BETONARE

MARCA	NR. BUC.	DIMENSIUNI	GREUTATE (Kg)
10	1	PLACA D=280 mm, GROS. 15 mm	7.30
11	1	OB 37 #20 L=1.20 m	3.00
12	1	OB 37 #20 L=0.90 m	2.20
13	1	OB 37 #10 L=60.00 m	37.00
GREUTATE TOTALA OB37			7.30
OB37			42.20
SUDURA			0.40

BETON - C25/30
CONCRETE - S255, S235
ARMATURA - S255, S235
REINFORCING BAR
ACOPERIRE - 10.5cm
COVERING

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D					
C					
B					
A					
Index	Date	Modificari	Proiectant	Approbat	Approbat CFR
		Modification/Revision	Designer	Approved Consultant	Approved CFR
GUVERNUL ROMANIEI ROMANIAN GOVERNMENT		PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ EUROPEAN UNION FINANCED PROJECT			
		C.N.C.F. "C.F.R." - S.A.			
CLIENT / CLIENT					
ITALFERR GRUPPO FERROVIE DELLO STATO		Scott Wilson Joint Venture leader		OBERMEYER PLANEN + BERATEN GmbH	
				TECNIC Consulting Engineers	
CONSULTANT / CONSULTANT				Date	Semnatura
Approbat	Şef proiect		R. Luzzi		
Approbat	Proiect manager				
Approbat	Coordonator Secțiune 1		C. Gambelli		
Verificat	Expert Chief		V. Kallidromitis		
Checkat	Checking Expert				
SUBCONTRACTANT / SUBCONTRACTOR					
Approbat	Responsabil Subcontractant		A.Stanclu - Diruleacu	02.2012	
Intocmit	Subcontractant Responsible				
Elaborat	Proiectant		Maria Campan	02.2012	
Reabilitarea liniei de cale ferata Braşov - Simeria, parte component a a coridorului IV Pan European, pentru circulația trenurilor cu viteză maximă de 160 km/h, Tronsoanel : Braşov - Sighişoara					
Rehabilitation of the railway line Braşov - Simeria, component Part of the IV Pan-European Corridor, for the trains circulation with maximum speed of 160 km/h, Section : Braşov - Sighişoara					
Denumire desen / Drawing Title : STATIA / STATION ARCHITA					
POD / BRIDGE Km 258+563.4728 D=16.00m					
Plan armare coloana L=20.00m Column reinforcement plane					
Codificare / Codification System		Scara / Scale	LOT / LOT	Nr / No	
E A 5 1		1:50		01 / 01	
0 1 E					
1 5 B C					
P V					
0 3 7 2					
0 1 1					
0					