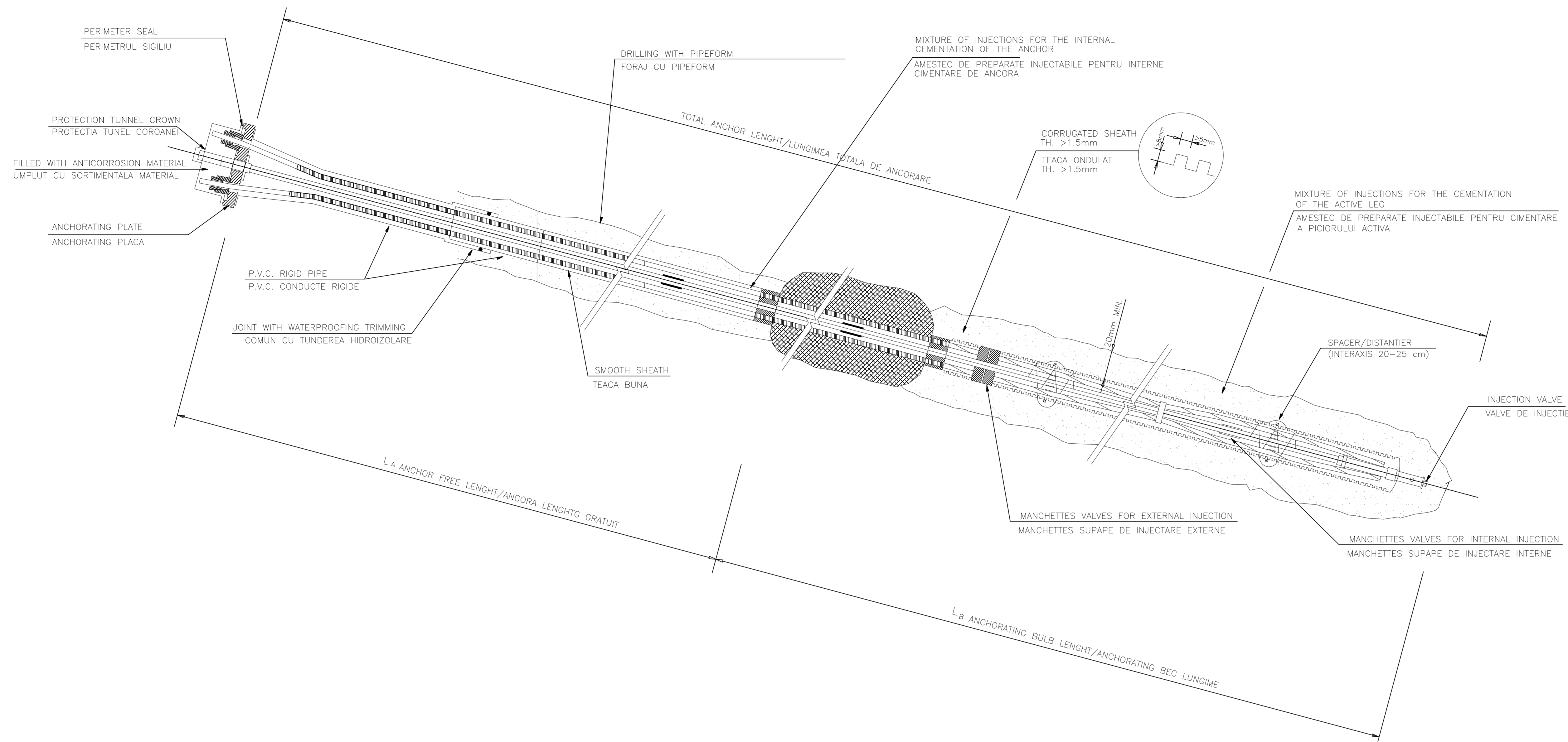
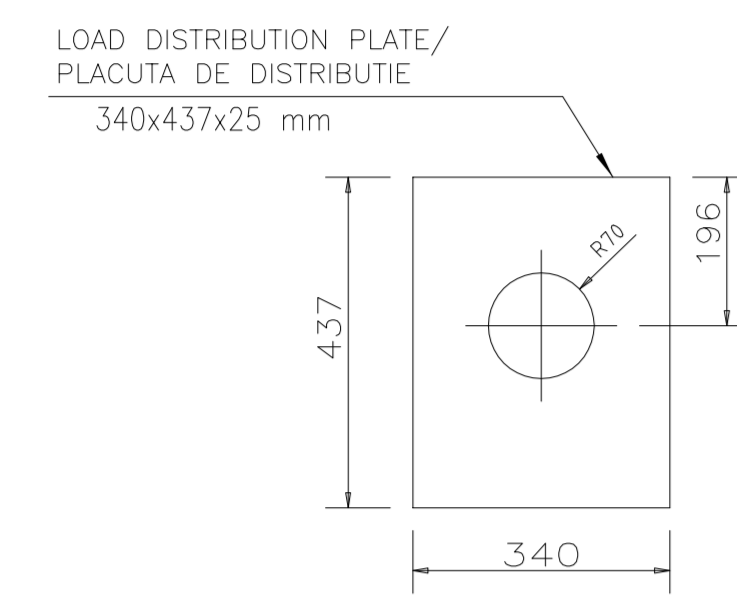


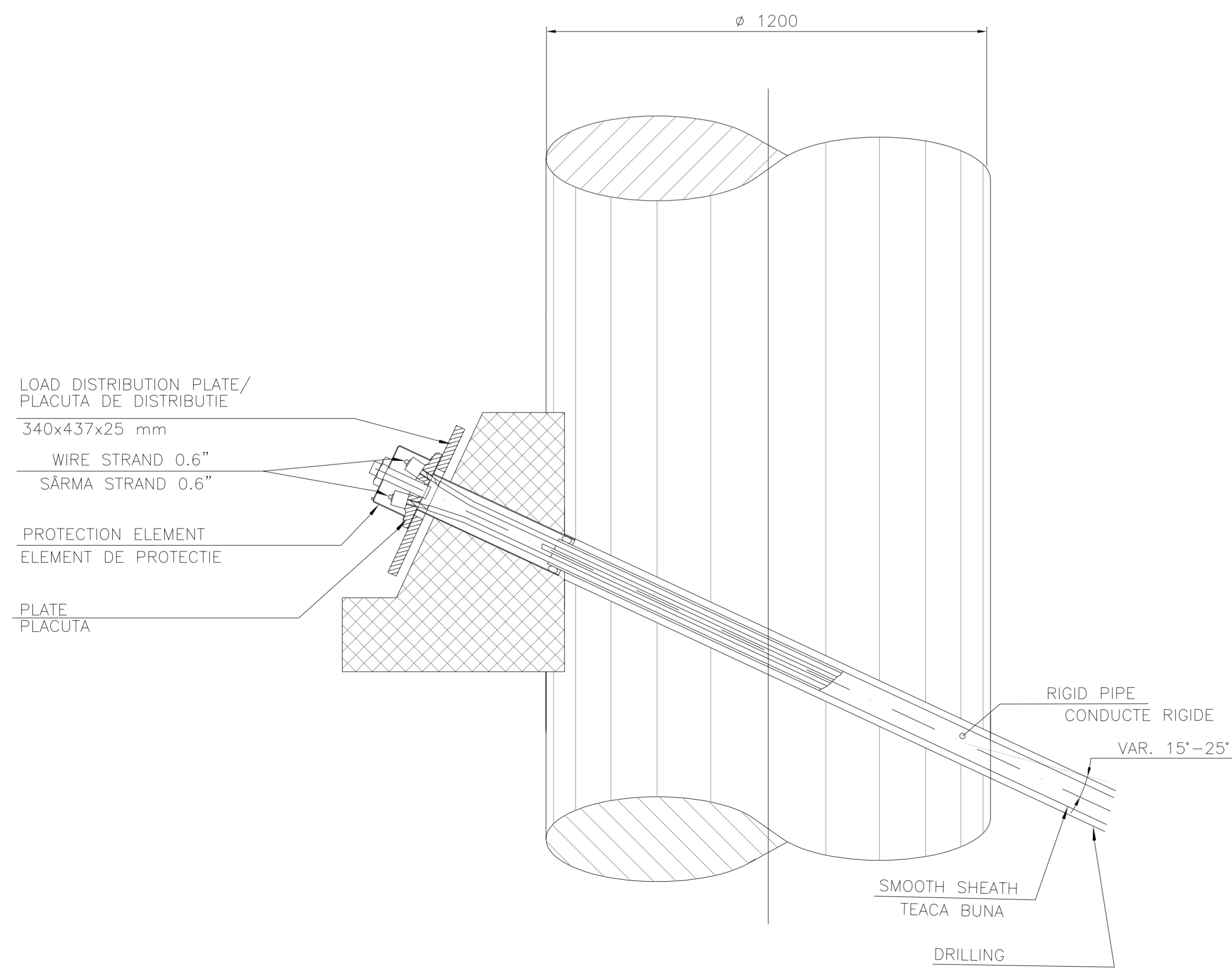
ANCHORS DETAIL/ANCORE DETALIU
Scale/Scara 1:5

PLATES DETAIL/PLACI DETALIU
Scale/Scara 1:10

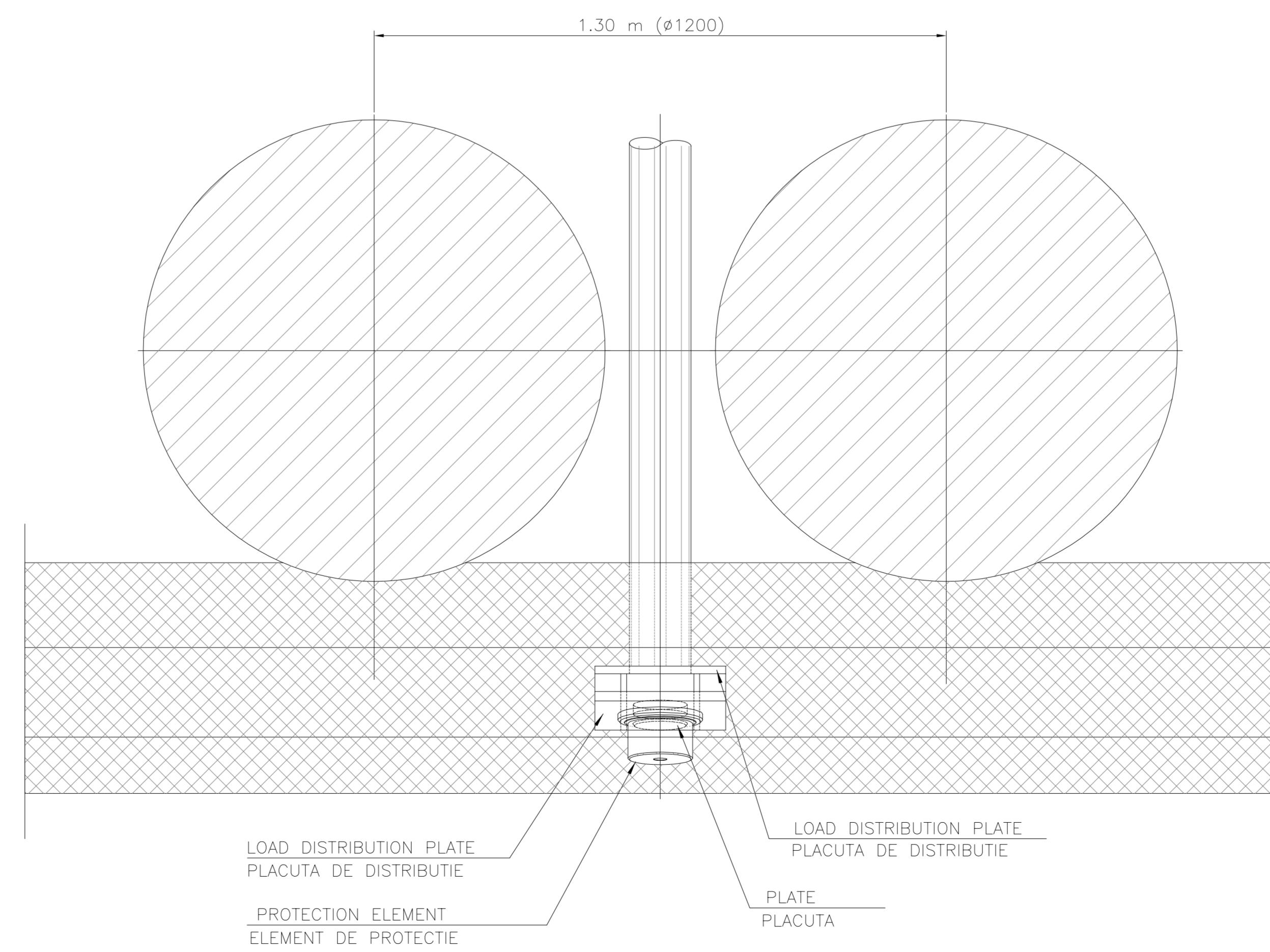


MATERIAL/MATERIALE	
STEEL/OTEL:	- Fe 510 De=133 mm , s=12.5 mm
REINFORCED CONCRETE PILE/BETON ARMAT PILE:	- concrete/beton >= 30 MPa* * type/tip S4 - concrete cover = 5 cm - reinforcing steel: B 450 C
ANCHOR:	- wire strand specifications diameter mm 15.50 (6/10") section mmq 139 - steel for prestressed concrete f _{ptk} >= 1860 N/mm ² f _{pk} >= 1670 N/mm ² - injection pipe minimum diameter = 16 mm burst pressure >1 MPa for low pressure injection; >10 MPa for high pressure injection; - mixed concrete for injection total chlorine content of less than 0.05% of the weight of concrete and the content of total sulphur in the lower weight of 0.15% of cement to avoid danger stress corrosion. - smooth and corrugated sheath polyethylene or polypropylene

ANCHOR PILES CURB REINFORCED DETAIL
Scale/Scara 1:10



PILES PLAN/PILOTI PLAN
Scale/Scara 1:10



D	C	B	A	Index	Date	Modificari	Projectant	Approved Consultant	Approved CFR
		PROIECT FINANAT DE UNIUNEA EUROPEANA EUROPEAN UNION FINANCED PROJECT							
		C.N.C.F. "C.F.R." - S.A.							
		CLIENT / CLIENT							
CONSULTANT / CONSULTANT		Data Date Semnatara Signature							
Approved	Self project	Project manager		R. Liuzza					
Approved	Coordinator	Section 1 Coordinator		C. Gambelli					
Verified	Checked	Tunnel Expert		C. Gambelli					
Elaborated	Elaborated	Project Designer		C. Gambelli					
SUBCONSULTANT / SUBCONSULTANT		Data Date Semnatara Signature							
Approved	Responsabil	Subconsultant Responsible							
Incomplet	Elaborat	Projectant							
Rehabilitarea liniei de cale ferata Brasov - Simeria, parte componenta a coridorului IV Pan European, pentru circulatia trenurilor cu viteza maxima de 160 km/h.									
Section 1 Brasov - Sighisoara									
Project/Project 2004/RO/16/PA/002									
Faza / Phase: P,Th / T.D.									
Denumire desen / Drawing Title : MURENI TUNNEL									
ENTRANCE ARCHITECTURE SIDE									
Tunnel entrance concrete pile wall anchor detail									
Pila din beton a peretelui de la intrarea in tunel anchor detail									
Codificare / Codification System		Scara / Scale		LOT		Nr. / No		-	
E A 5 1		0 1		C 1 6		B 2		G A 1 0 0 0 0 0 4 0	