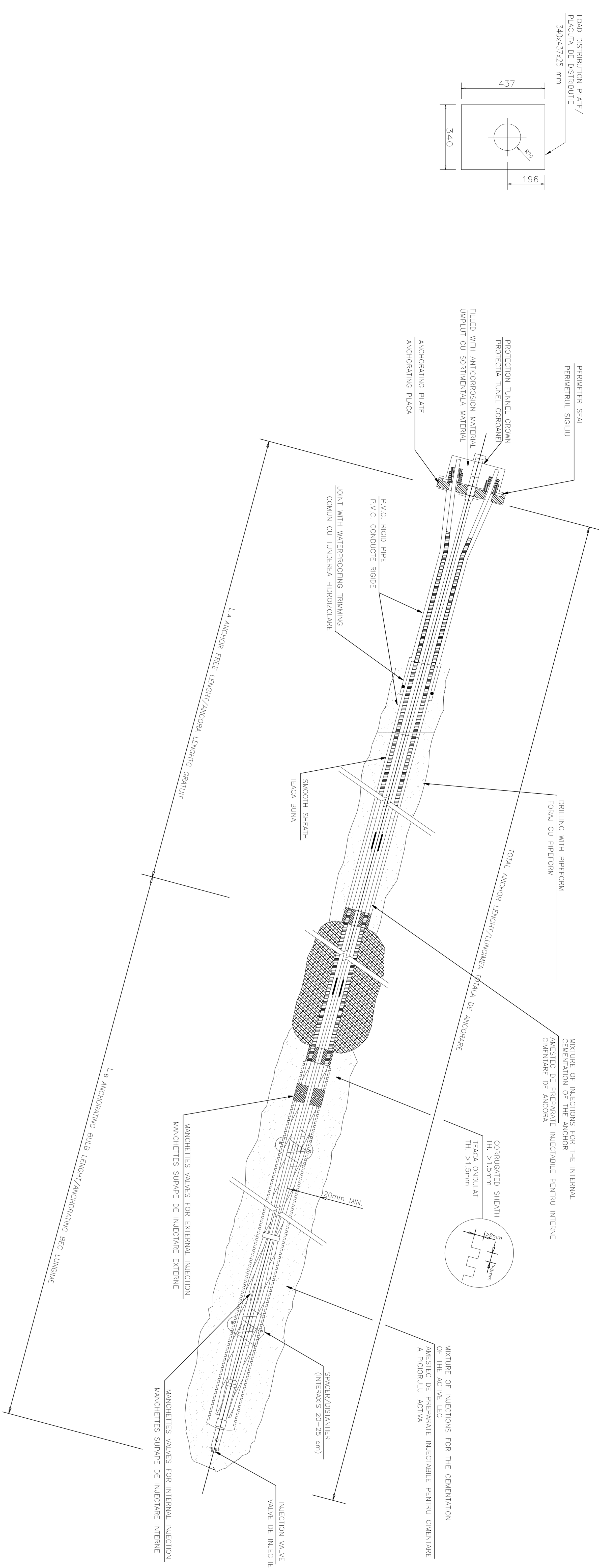


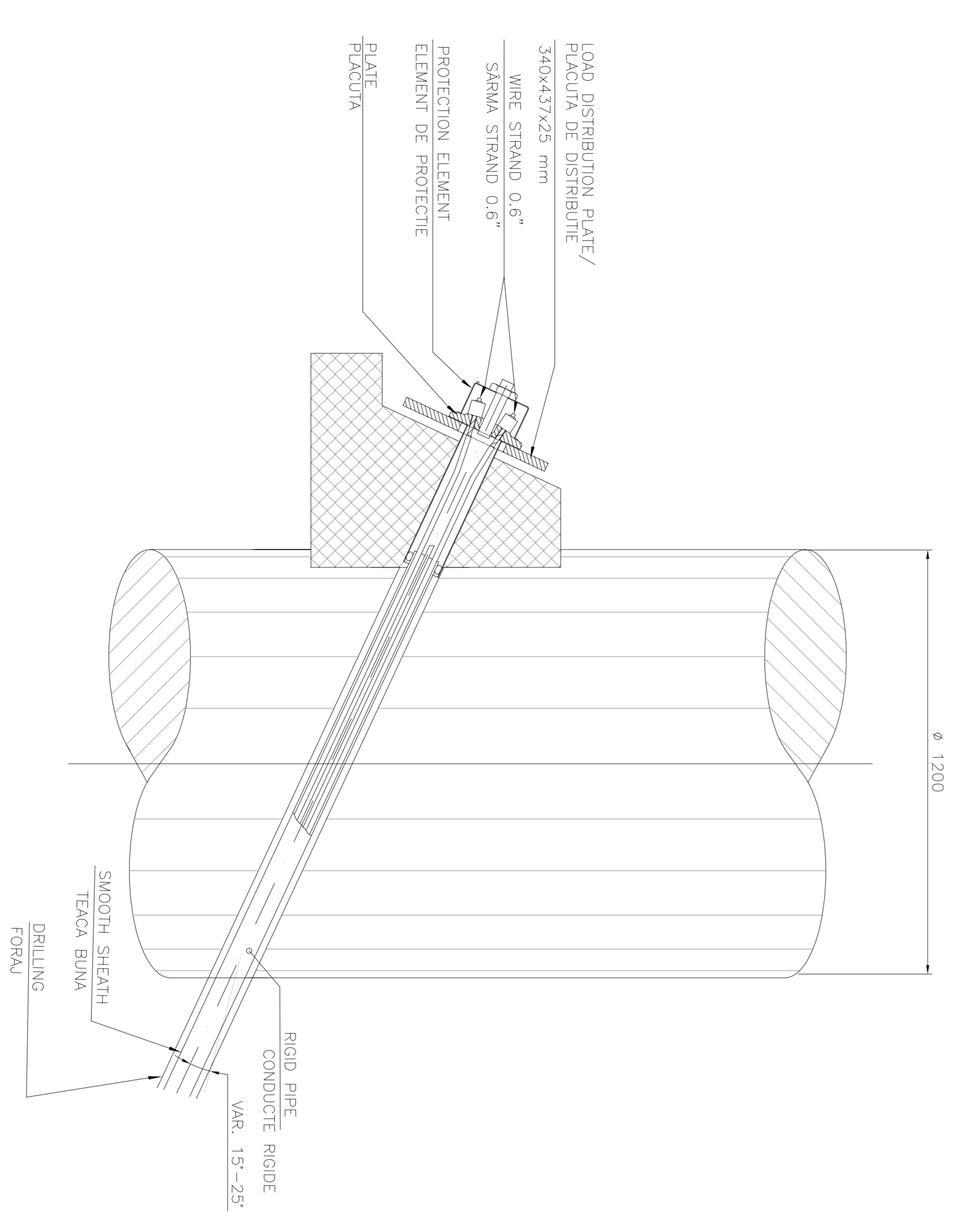
ANCHORS DETAIL/ANCORE DETALIU

Scale/Scara 1:5



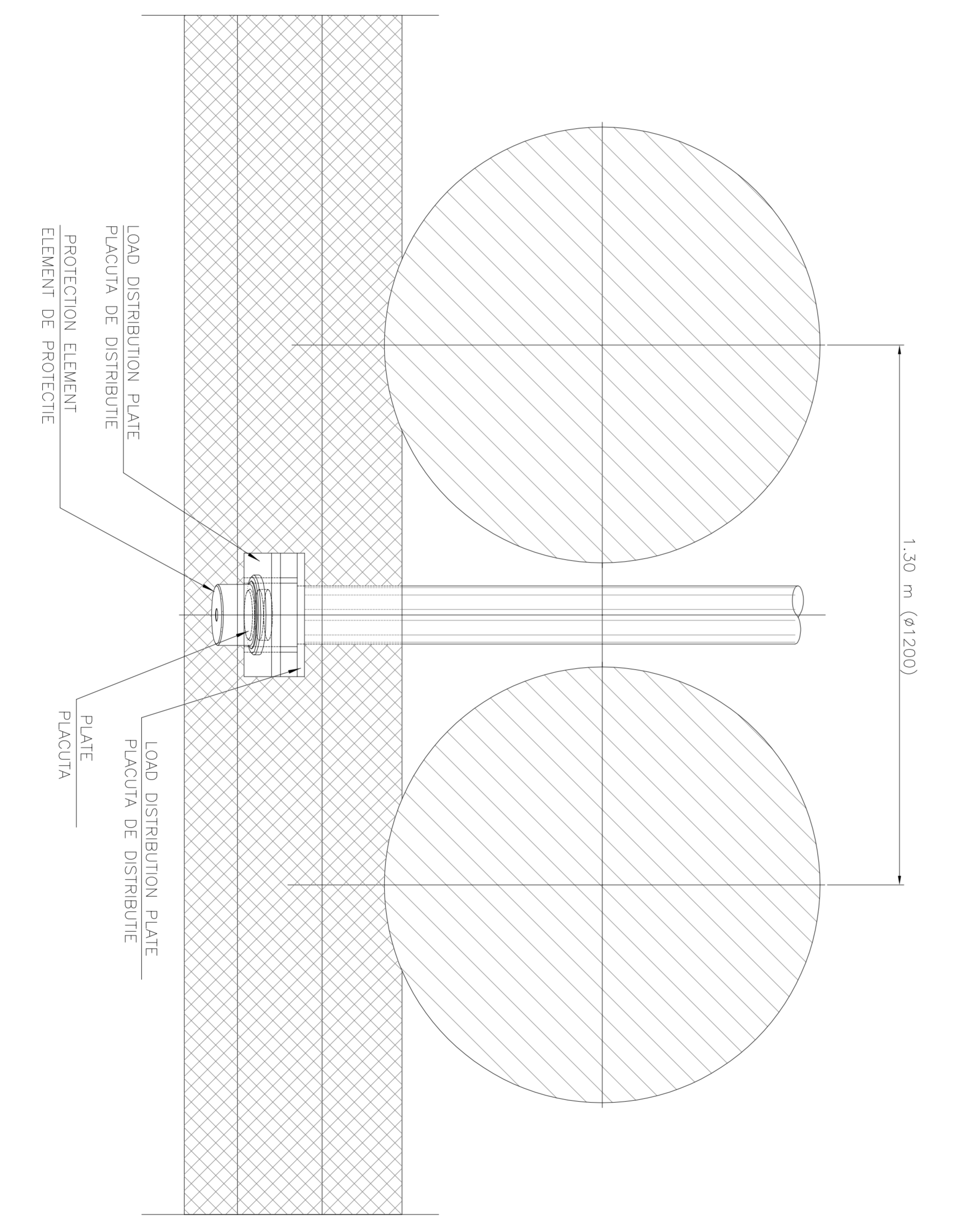
PLATES DETAIL/PLACI DETALIU

Scale/Scara 1:10



ANCHOR PILES CURB REINFORCED DETAIL

Scale/Scara 1:10



PILES PLAN/PILOTI PLAN

Scale/Scara 1:10

MATERIAL/MATERIALE

- STEEL/OTEL:
 - Fe S10
 - De=133 mm , s=12.5 mm
- REINFORCED CONCRETE PILE/BETON ARMAT PILE:
 - concrete/beton >= 30 MPa*
 - Type/Tip S4
 - concret cover = 5 cm
 - reinforcing steel: B 450 C
- ANCHOR:
 - wire strand specifications section mm 133.30 (6/10)
 - steel for prestressed concrete f_{pk} >= 1880 N/mm² f_{pk} >= 1670 N/mm²
 - injection pipe minimum diameter = 16 mm
 - burst pressure > 1 MPa
 - for high pressure injection: > 10 MPa
 - mixed concrete for injection (total entrone content of less than 0.05% of the total volume of concrete) in the lower weight of 0.15% of cement to avoid danger stress corrosion.
 - smooth and corrugated sheath polyethylene or polypropylene

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<p>CN.C.F. "C.F.R." S.A.</p>	<p>CFCR</p>
<p>OBERMEYER Consulting Engineers</p>	<p>TECHNIC</p>
<p>ROMANIAN GOVERNMENT</p>	<p>EUROPEAN UNION FINANCED PROJECT</p>

CLIENT / CLIENT <p>CN.C.F. "C.F.R." S.A.</p>	CLIENT / CLIENT <p>CFCR</p>
CONSULTANT / CONSULTANT <p>OBERMEYER Consulting Engineers</p>	CONSULTANT / CONSULTANT <p>TECHNIC</p>
SUBCONSULTANT / SUBCONSULTANT <p>TECHNIC</p>	SUBCONSULTANT / SUBCONSULTANT <p>TECHNIC</p>

PROIECT DE PROIECTARE
 Reproduction of the railway line bridge - Section component Part of the IV Pan European, pentru detaliile tehnice cu valoarea maximă de 180 km/h.
 Particularities Section 1 Bridge - Sibitoc
 Section 1 Bridge - Sibitoc
 Demnitate desen / Drawing Title : **ARHITECTURA ȘI DETALIILE**
 Proiect/Project : 2004/RO/1679/2002
 Fașa / Fașetă : P.1h. / 1.D.