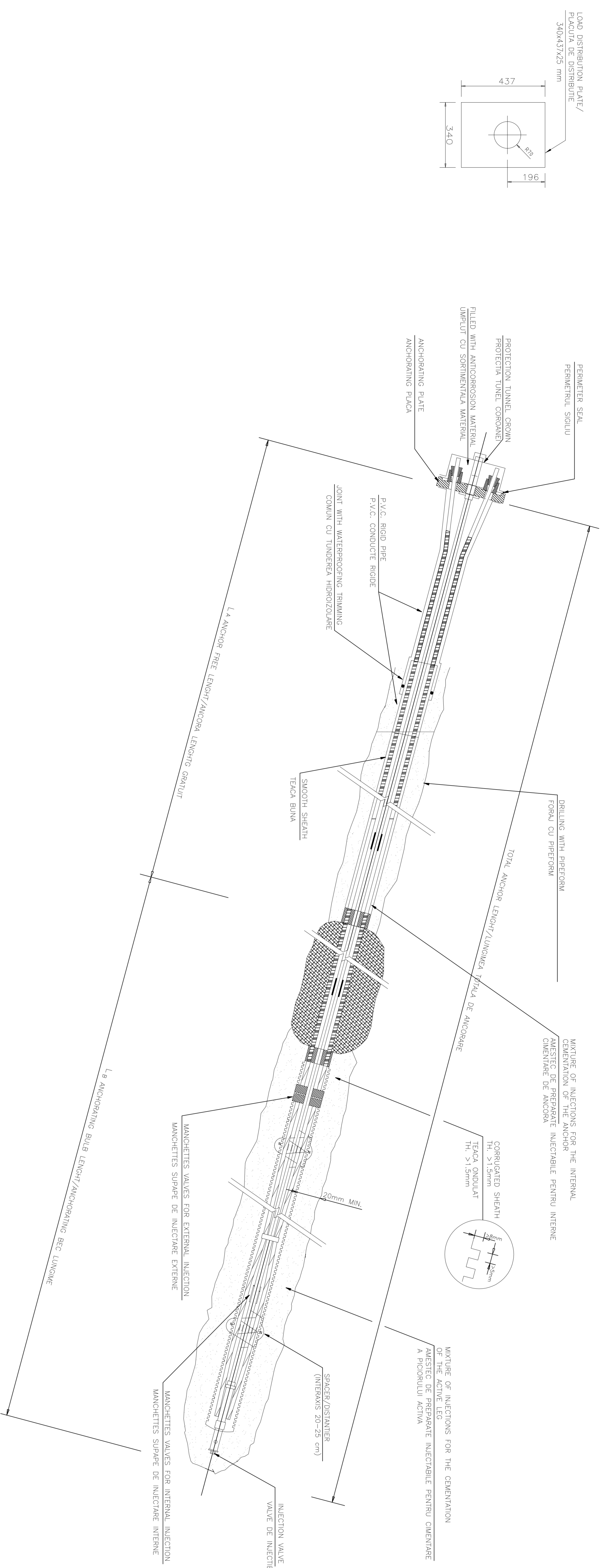


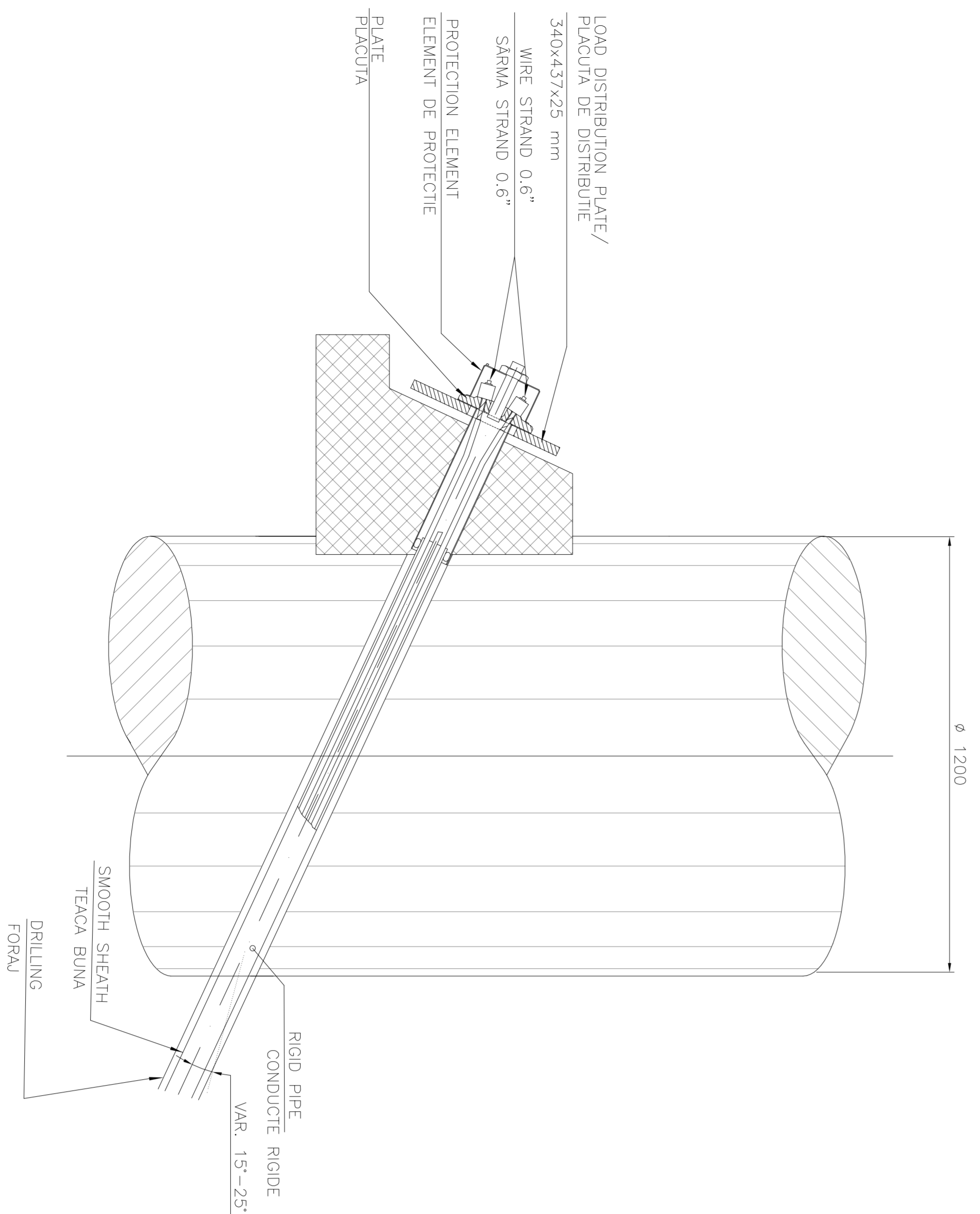
ANCHORS DETAIL/ANCORE DETALIU

Scale/Scara 1:5



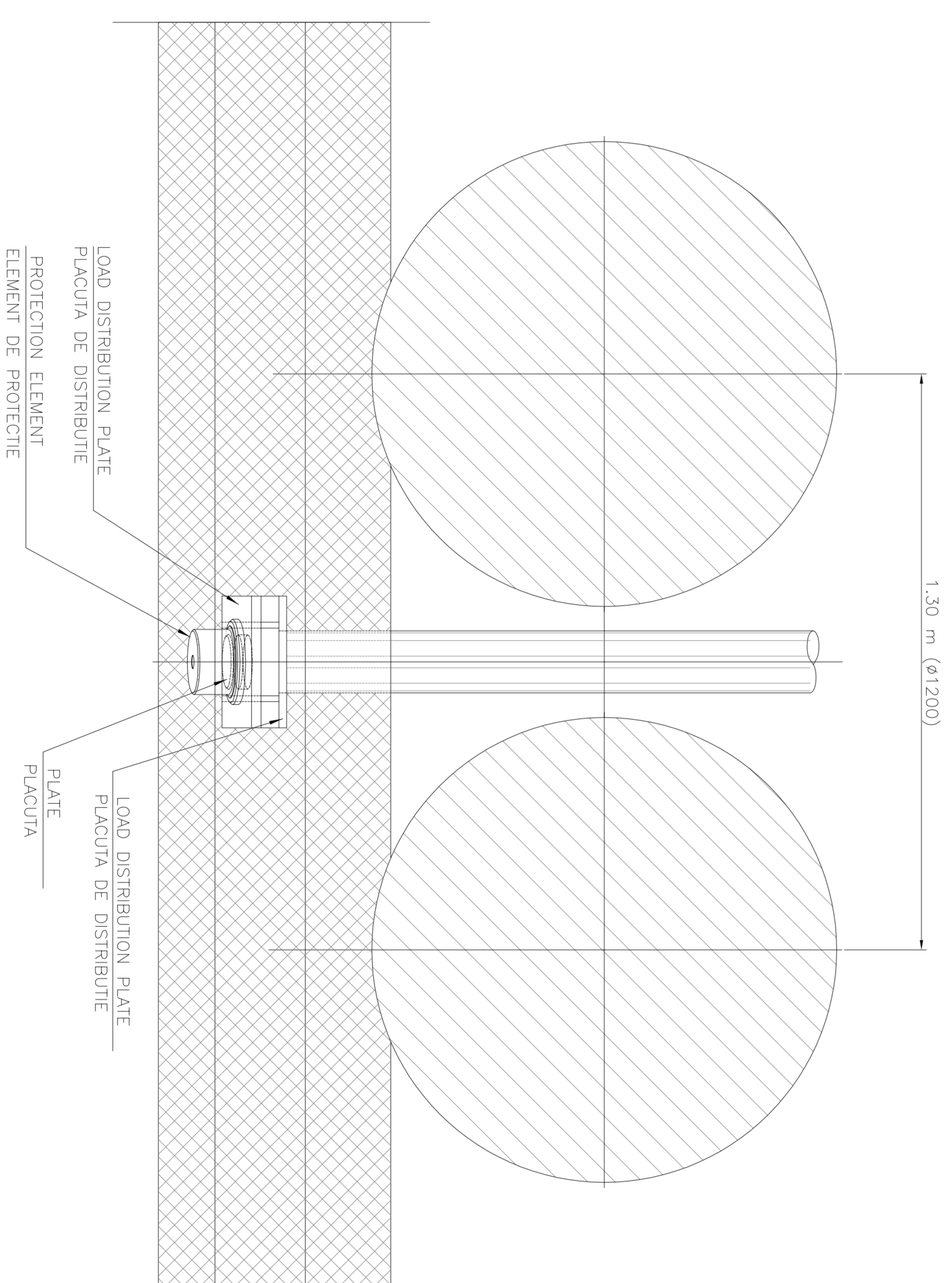
ANCHOR PILES CURB  
REINFORCED DETAIL

Scale/Scara 1:10



PILES PLAN/PILOTI PLAN

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/fip S4
  - concrete cover = 5 cm
  - reinforcing steel:
  - B 450 C

- ANCHOR:
- wire strand specifications
  - steel for prestressed concrete section mm 139
  - f<sub>pk</sub> >= 1860 N/mm<sup>2</sup>
  - f<sub>p1k</sub> >= 1670 N/mm<sup>2</sup>
  - injection pipe
  - minimum diameter = 16 mm
  - burst pressure > 1 MPa
  - >10 MPa for high pressure injection:
  - mixed concrete for injection
  - total chlorine content of less than 0.05% of the total weight 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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