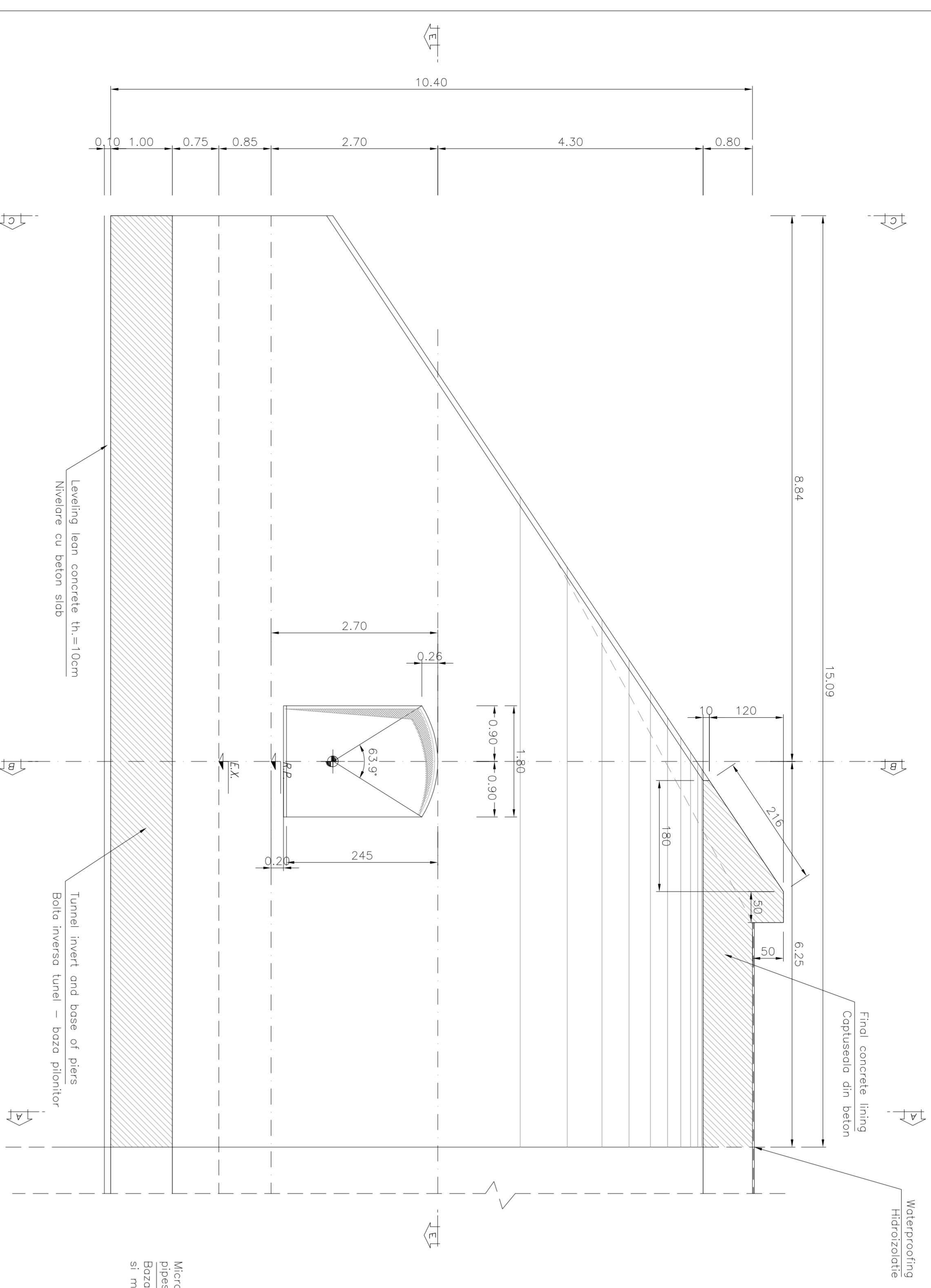
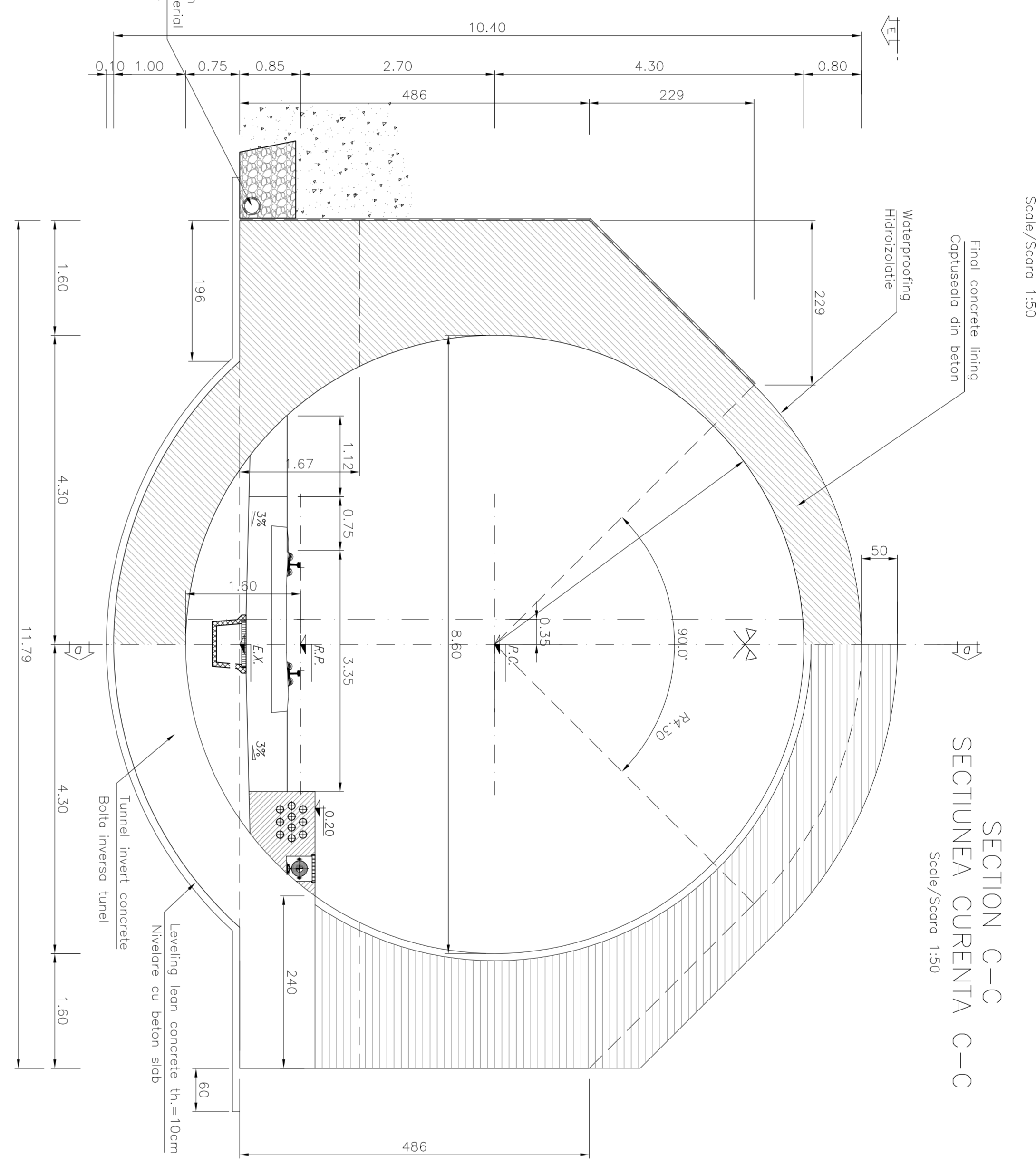


SECTION D-D
SECTIUNEA CURENTA D-D
Scale/Scara 1:50



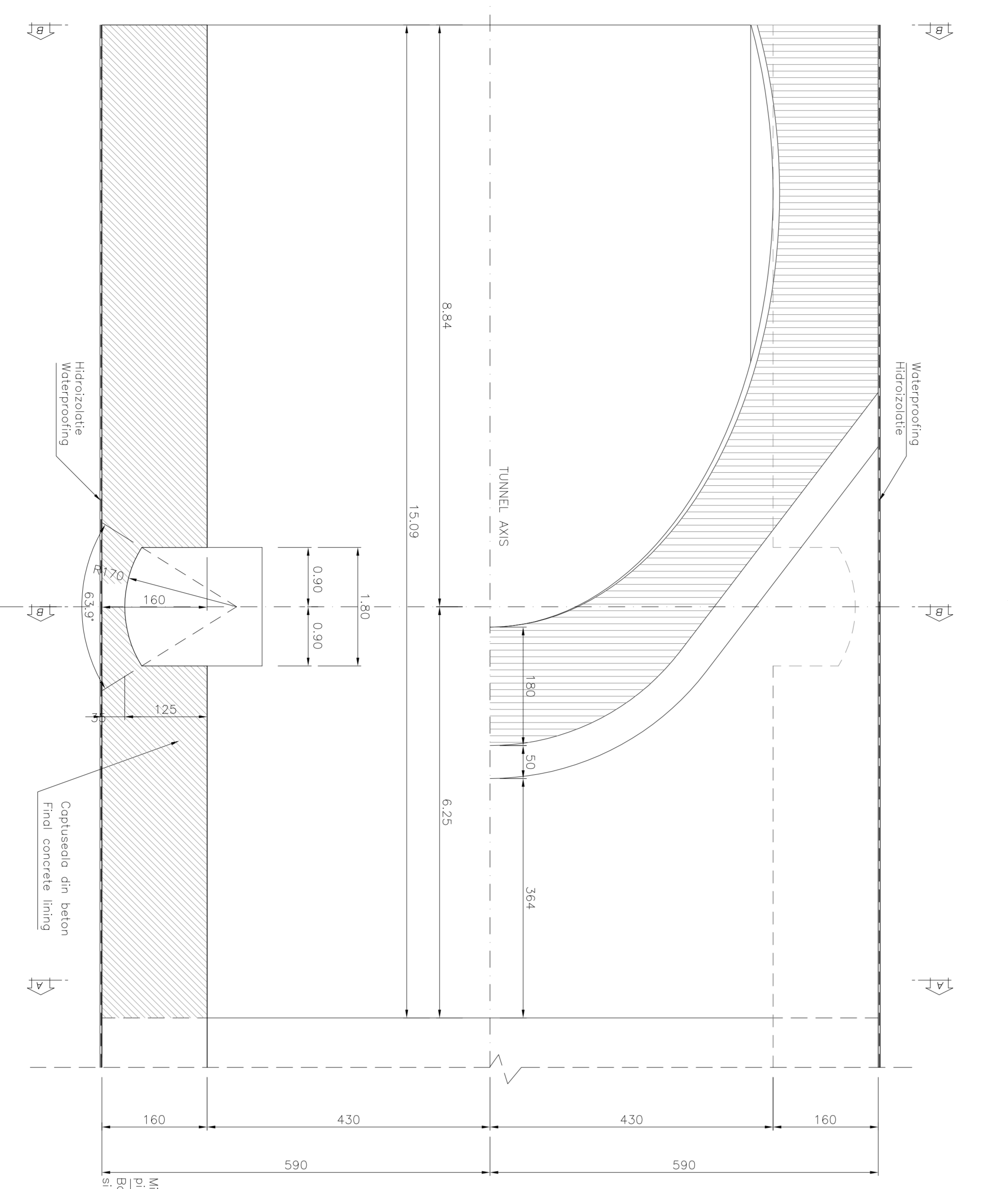
SECTION A-A
SECTIUNEA CURENTA A-A
Scale/Scara 1:50



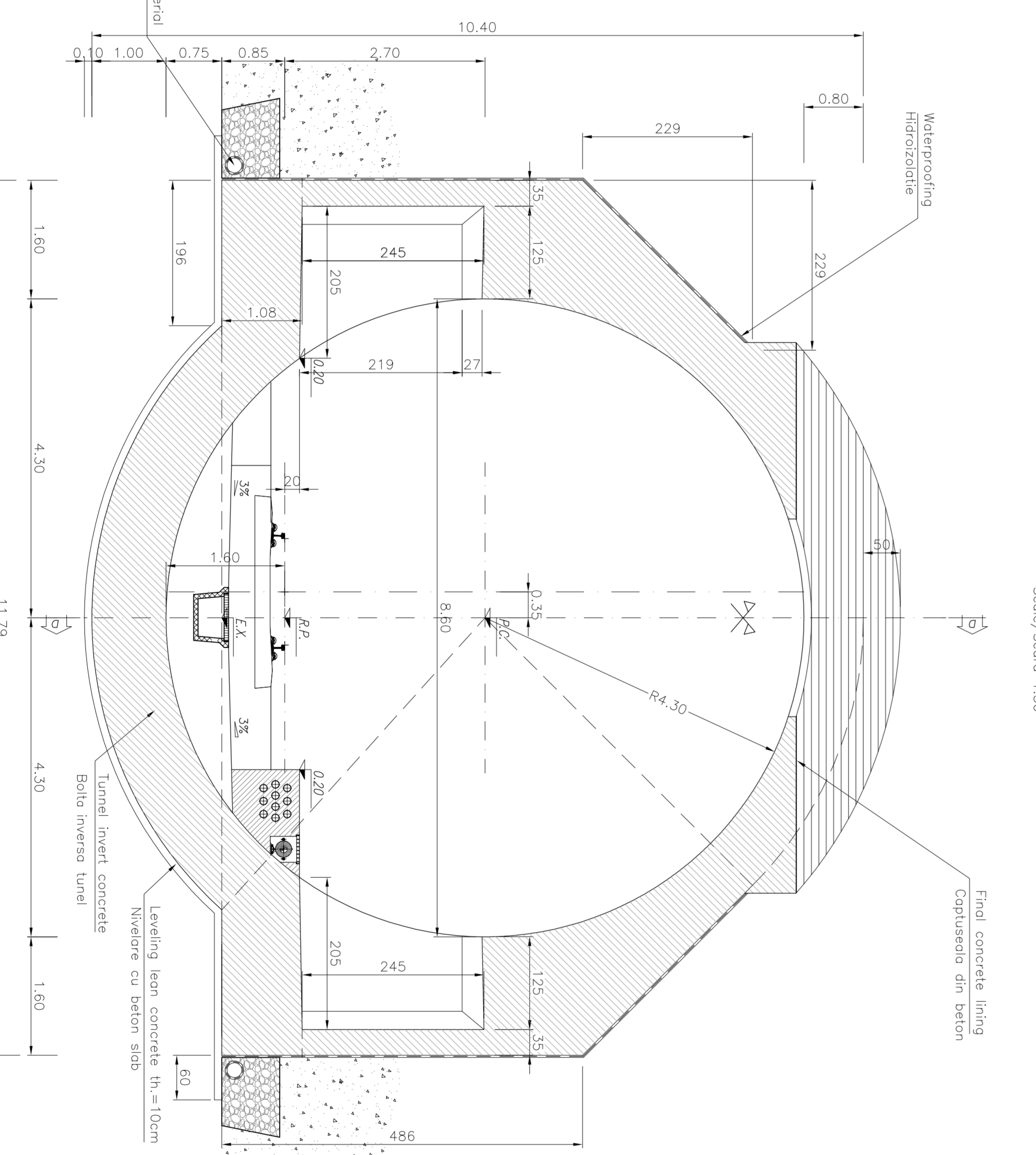
SECTION C-C
SECTIUNEA CURENTA C-C
Scale/Scara 1:50



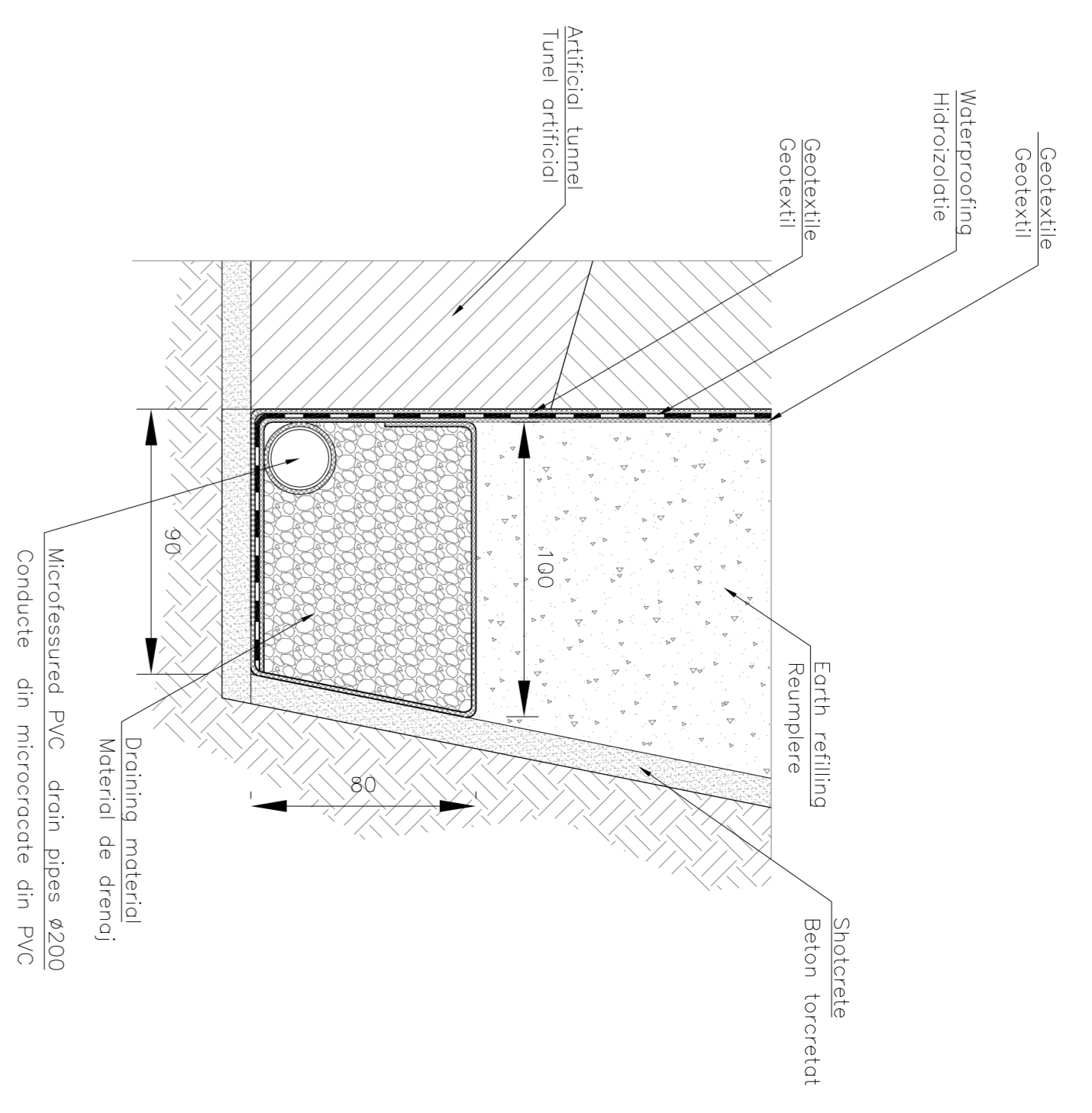
SECTION E-E
SECTIUNEA CURENTA E-E
Scale/Scara 1:50



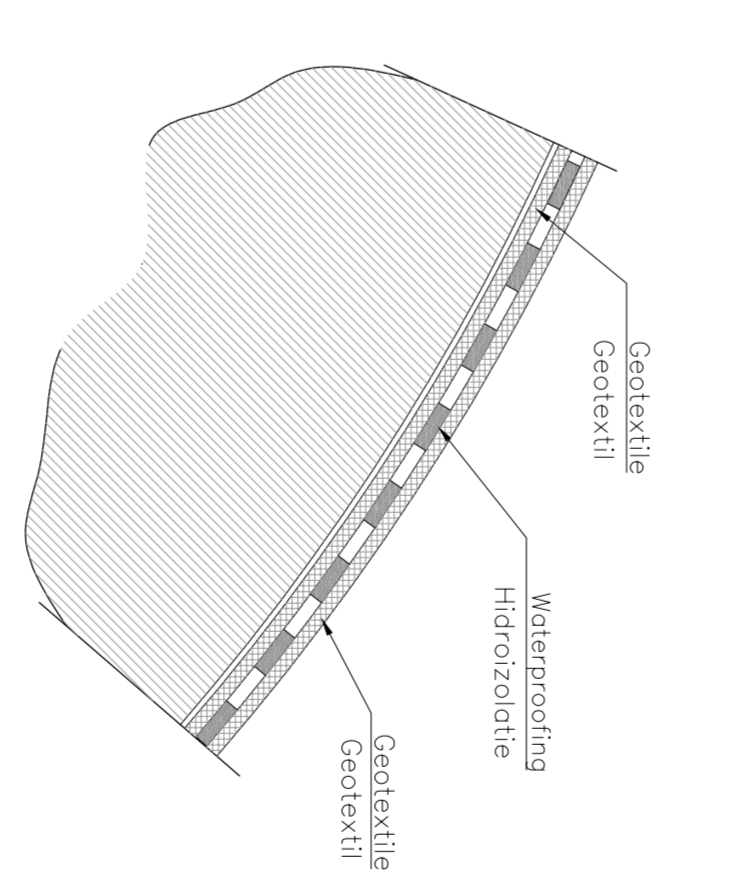
SECTION B-B
SECTIUNEA CU NISE PENTRU ADAPOSTUL PERSONALULUI B-B
Scale/Scara 1:50



WATERPROOFING PIER DETAIL
DETALIUL PILONILOR HIDROIZOLATIEI
Scale/Scara 1:20



WATERPROOFING TUNNEL CROWN DETAIL
DETALIUL CORONA TUNELULUI HIDROIZOLATIEI
Scale/Scara 1:20



MATERIAL TABLE

TUNNEL INVERT CONCRETE:

- Type C2
- f_{ck} >= 30 MPa
- f_{ctd} >= 3.5 MPa
- Mineral admixture max. 40-65%
- Maximum chloride content S3/S4
- Exposure class related to environmental conditions XA2
- Class of chloride content C 0.20
- φ max aggregate = 32 mm

TUNNEL DRAIN CONCRETE:

- Type C1
- f_{ck} >= 20 MPa
- Water/cement ratio 0.23/0
- Mineral admixture max. 40-65%
- Maximum chloride content S3/S4
- Exposure class related to environmental conditions XA2
- Class of chloride content C 0.20
- φ max aggregate = 32 mm

REFERENCE STEEL:

- Rebar, covered by encasement
- LEAF CONCRETE:
- Type I
- f_{ck} >= 17 MPa
- Cement type CEM I/V

LEGEND

RP = REFERENCE PLANE
EX = EXCAVATIONS PLANE
PC = CENTERS PLANE

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NOTE:

The integrity of the concrete structure of the artificial and natural tunnels have to maintained in case of fire (4.2.2.3) fire protection requirements for structure (S3) technical Specification for Interoperability.

NOTE:

Integritatea structurii de beton a tunelului artificial si natural, trebuie sa ramana intacta in caz de incendiu (4.2.2.3) cerinta de protectie la foc pentru structura S3. Specificatiile tehnice pentru Interoperabilitate.

NOTE:

Escapă signs shall be installed on the side walls at a minimum distance between escape signs of 50m (4.2.2.3 Escape signage (S3)).

NOTE:

Escapă semnuri shall be instalate pe pereții laterali la o distanță maximă între semne de escapare de 50m (4.2.2.3 Escapă signage (S3)).

PROJECT INFORMATION

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SUBCONSULTANT / SUBCONSULTANT

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CONSULTANT / CONSULTANT

SUBCONSULTANT / SUBCONSULTANT