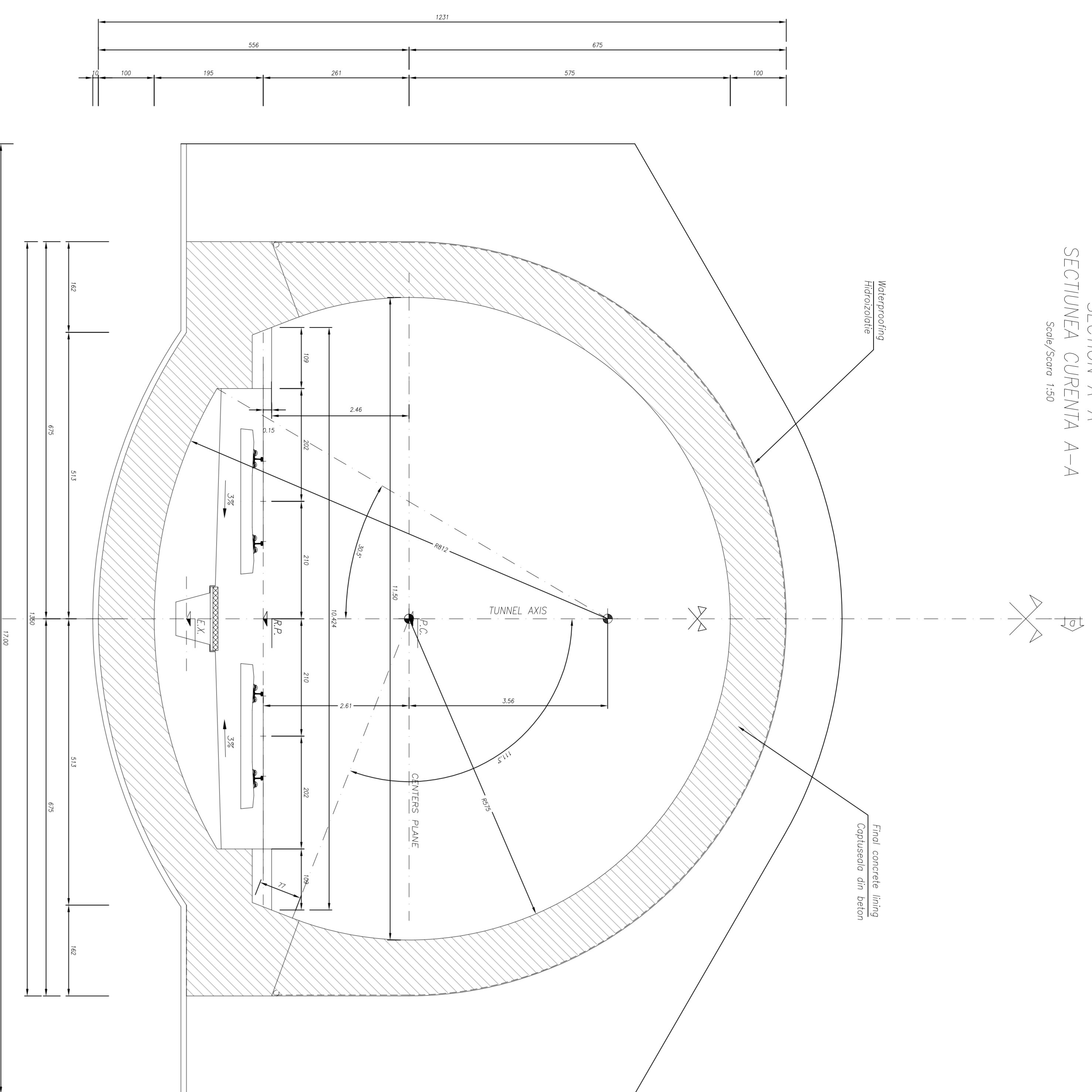
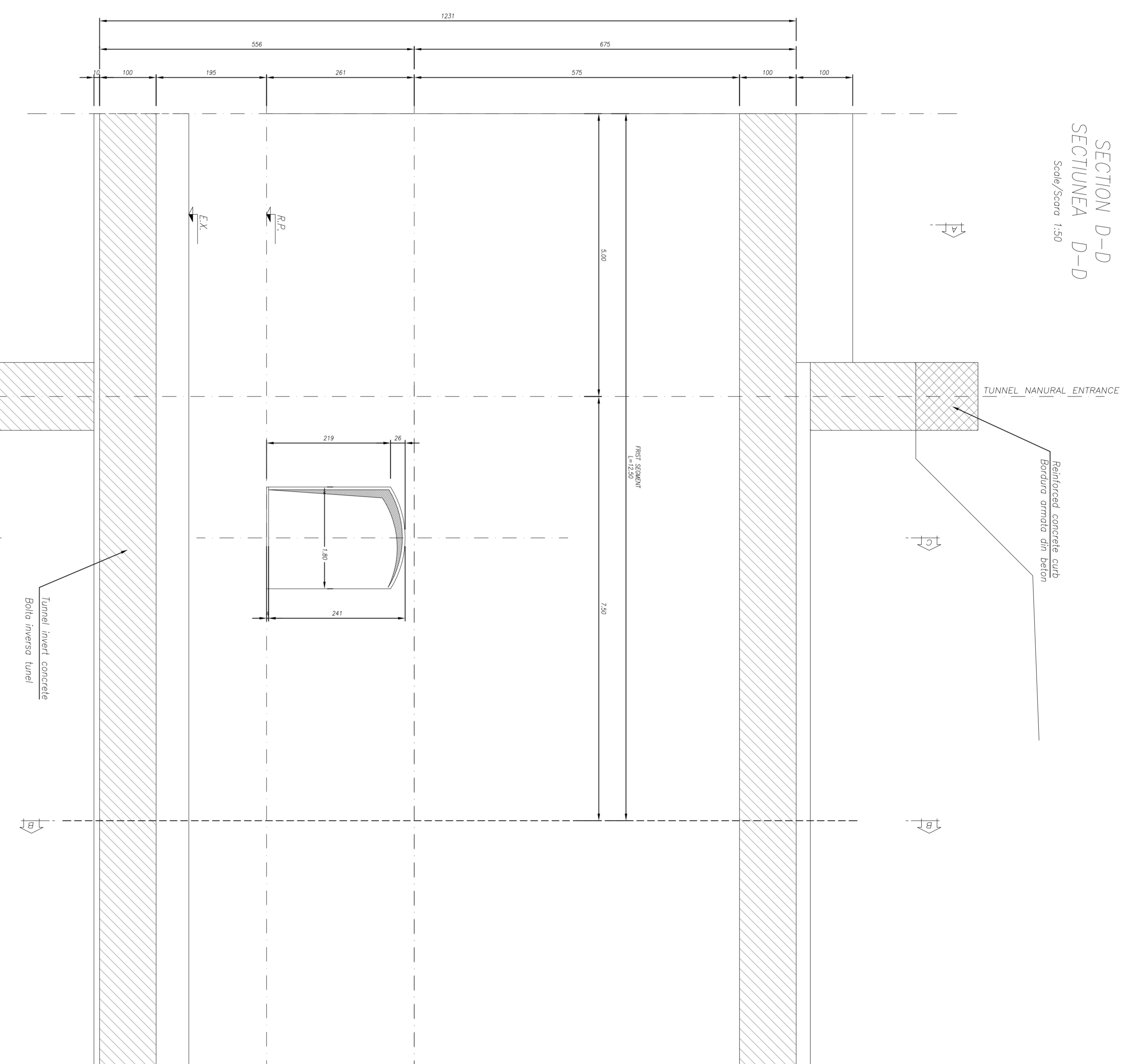


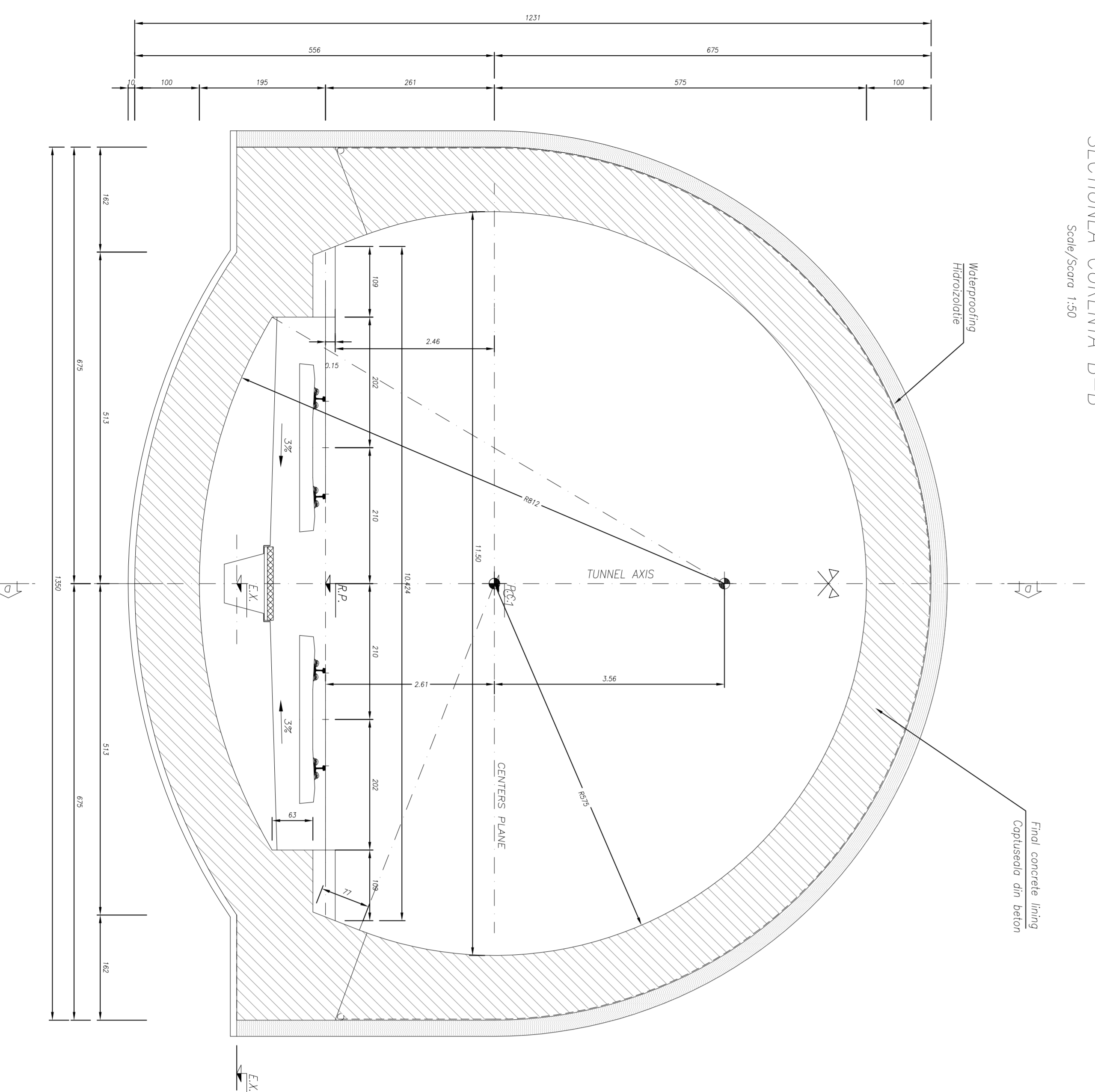
SECTION A-A  
SECȚIUNEA CURENȚA A-A  
Scale/Scara 1:50



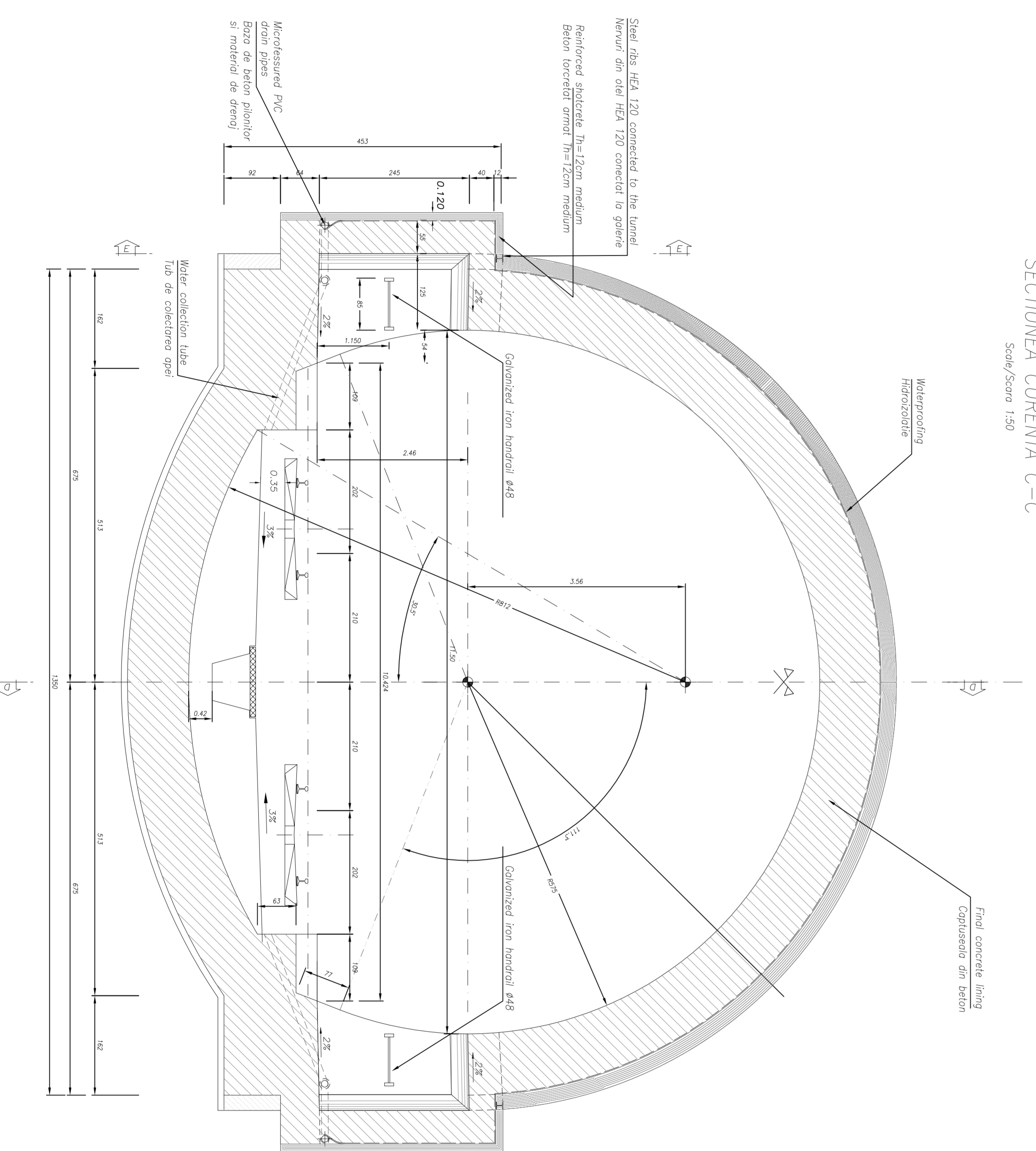
SECTION D-D  
SECȚIUNEA D-D  
Scale/Scara 1:50



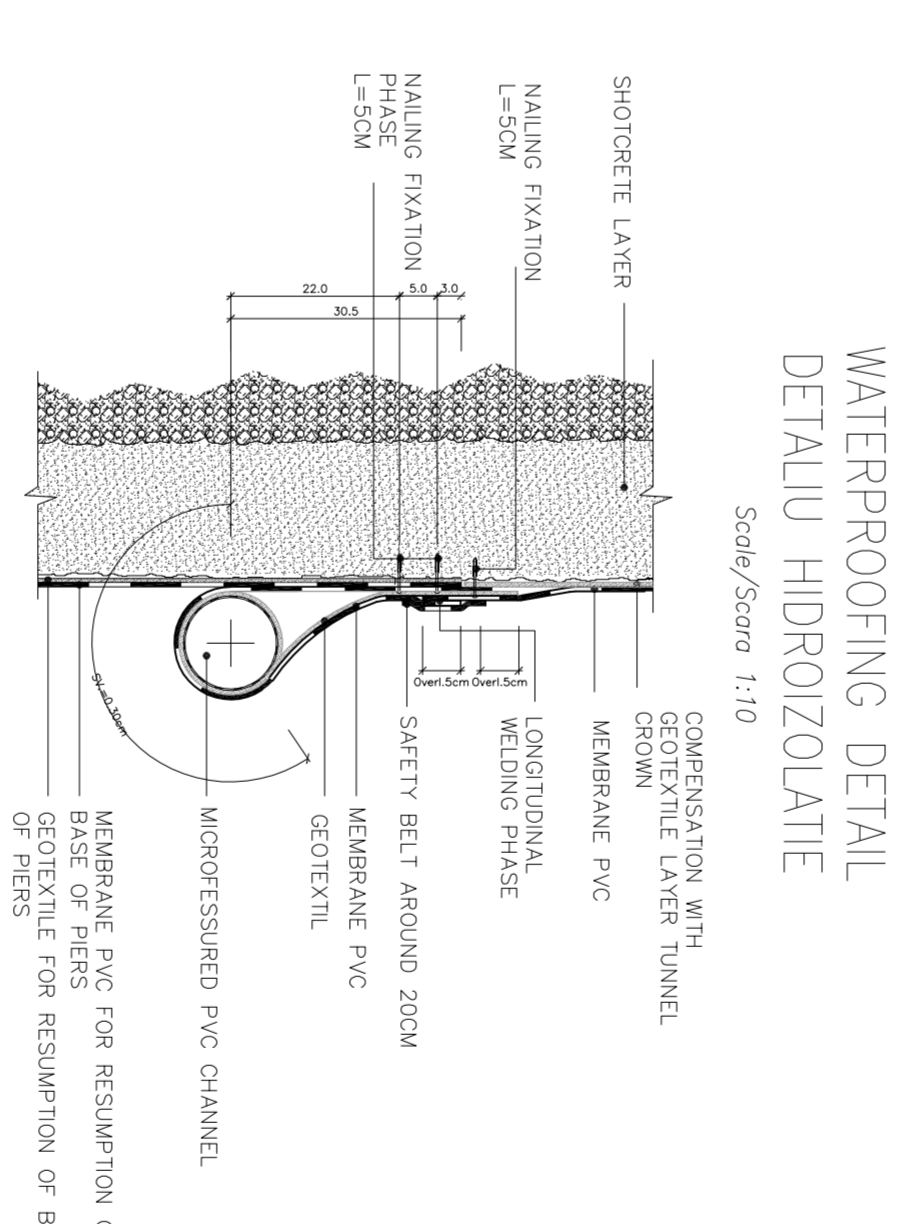
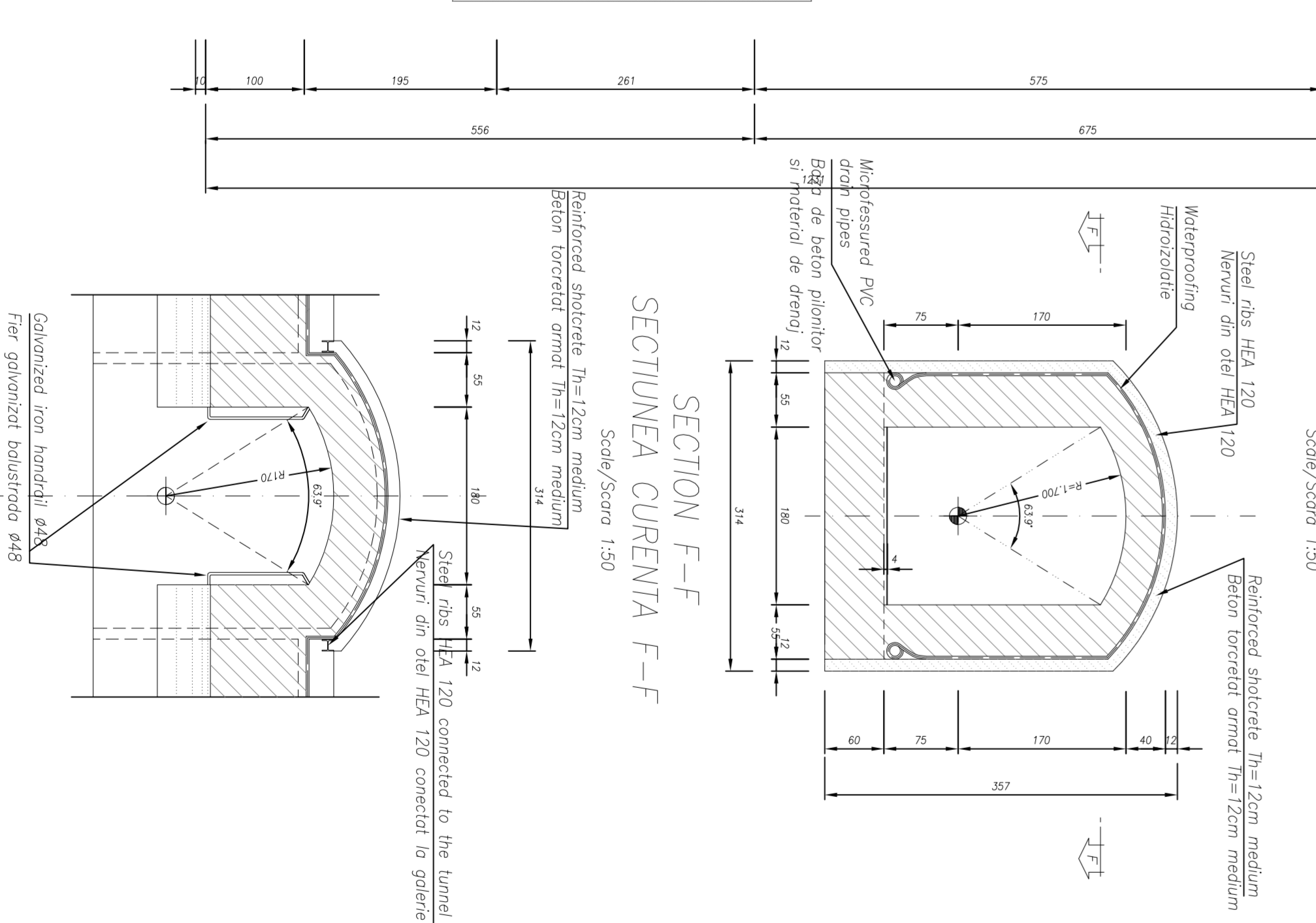
SECTION B-B  
SECȚIUNEA CURENȚA B-B  
Scale/Scara 1:50



SECTION C-C  
SECȚIUNEA CURENȚA C-C  
Scale/Scara 1:50



SECTION E-E  
SECȚIUNEA CURENȚA E-E  
Scale/Scara 1:50



**MATERIAL TABLE**

- DIMED INFER CONCRETE
- Type C2
- f<sub>ck</sub> >= 30 MPa
- f<sub>td</sub> = 1.65 MPa
- Minimum structure Class S15P4
- Exposure class relative to environmental conditions XE2
- Concrete cover to reinforcement c = 30 mm
- Class of shrinkage control C 0.20
- ρ<sub>max</sub> <= 180 kg/m<sup>3</sup>
- ρ<sub>max</sub> <= 32 mm

**DIMED, DIMUL, CONCRET**

- Type C1
- f<sub>ck</sub> >= 30 MPa
- f<sub>td</sub> = 1.65 MPa
- Minimum structure Class S15P4
- Exposure class relative to environmental conditions XE2
- Concrete cover to reinforcement c = 30 mm
- Class of shrinkage control C 0.20
- ρ<sub>max</sub> <= 180 kg/m<sup>3</sup>
- ρ<sub>max</sub> <= 32 mm

**REINFORCING STEEL:**

- Rebar controlled by establishment
- Rebar
- Rebar

**LEAD, CONCRET:**

- Type 1
- f<sub>ck</sub> >= 12 MPa
- Concrete type C20 / IV

**LEGEND**

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

**NOTE:**

The integrity of the concrete structures of the artificial and natural tunnels have to be maintained in case of fire (4.2.2.3 fire protection requirements for structure IS1 Technical Specification for interoperability).

**NOTE:**

Interlocking structure: de beton a temperaturi joase si naturale, trebuie sa permita structura S11 Specificatii tehnice pentru interoperabilitate.

**NOTE:**

Handrail shall be installed approximately at 1 m above roadway providing a route to a safe area (4.2.2.7 Escape walkways IS1).

**NOTE:**

Bare de mână trebuie să fie instalate aproximativ la 1 m deasupra căii de circulație oferind un traseu sigur (4.2.2.7) escape walkways IS1).

**NOTE:**

Escape signs shall be installed on the side walls at a maximum distance between escape signs of 50m (4.2.2.9 Escape Signage IS1).

**NOTE:**

Semnale de evacuare trebuie să fie instalate pe pereții laterali, la o distanță maximă între semnale de evacuare de 50m (4.2.2.9 Escape Signage IS1).

0	1	2	3	4	5	6	7	8	9	10
0	1	2	3	4	5	6	7	8	9	10

**CLIENT / CLIENT**

GOVERNUL ROMÂNIEI  
ROMANIAN GOVERNMENT

**CONSULTANT / CONSULTANT**

TECNIC  
CONSULTING ENGINEERS

**ARCHITECTURA 1 TUNEL**

Proiect/Project: Z044R01/16/19/002  
Faza / Phase: P.I.H. / I.D.

Dimensiune desen / Drawing Title: Primul segment: cofraj de construcție

Scale / Scară: 1:50

Revizii / Revisii: 0

Confirma / Confirmare: 0