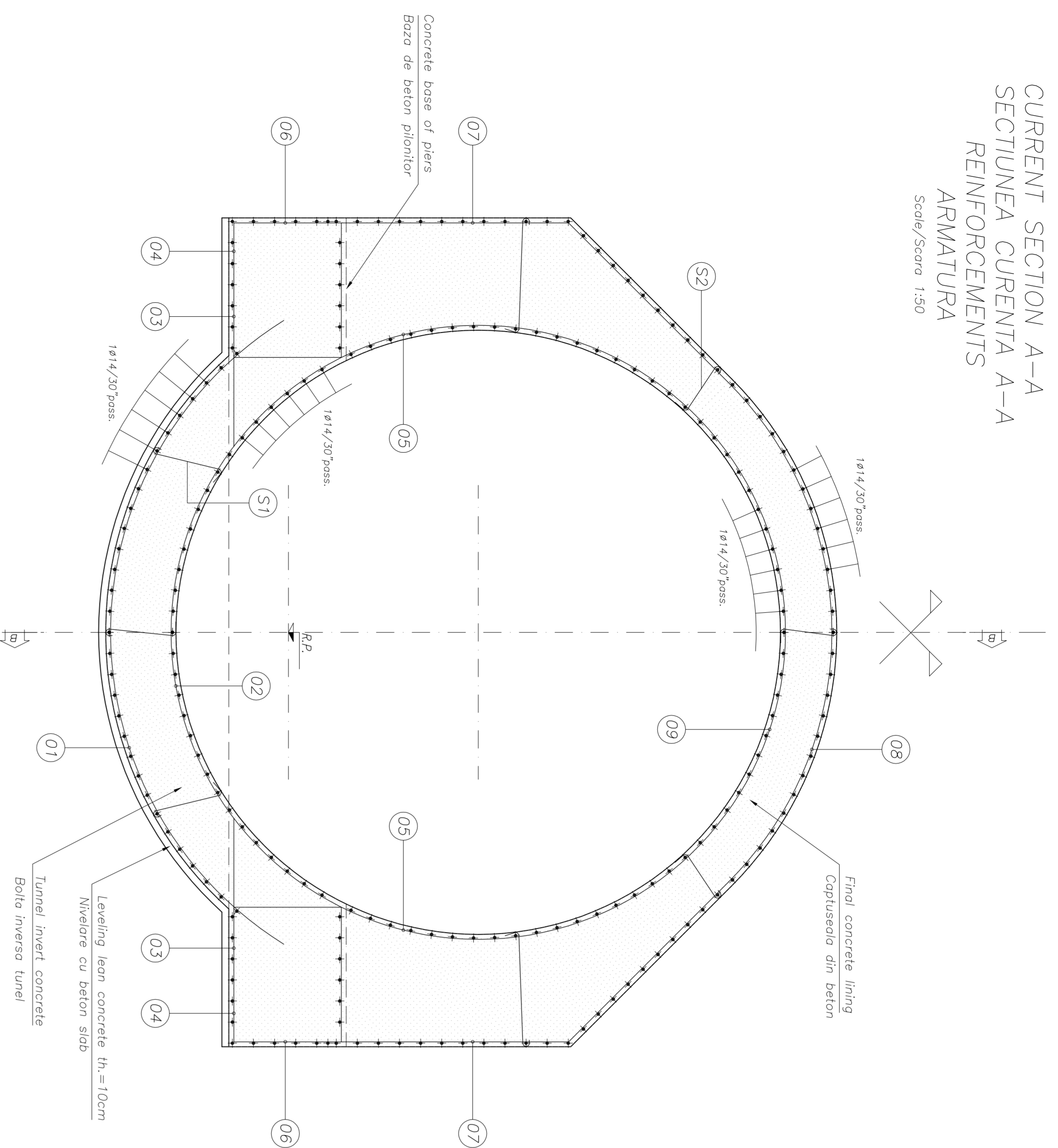
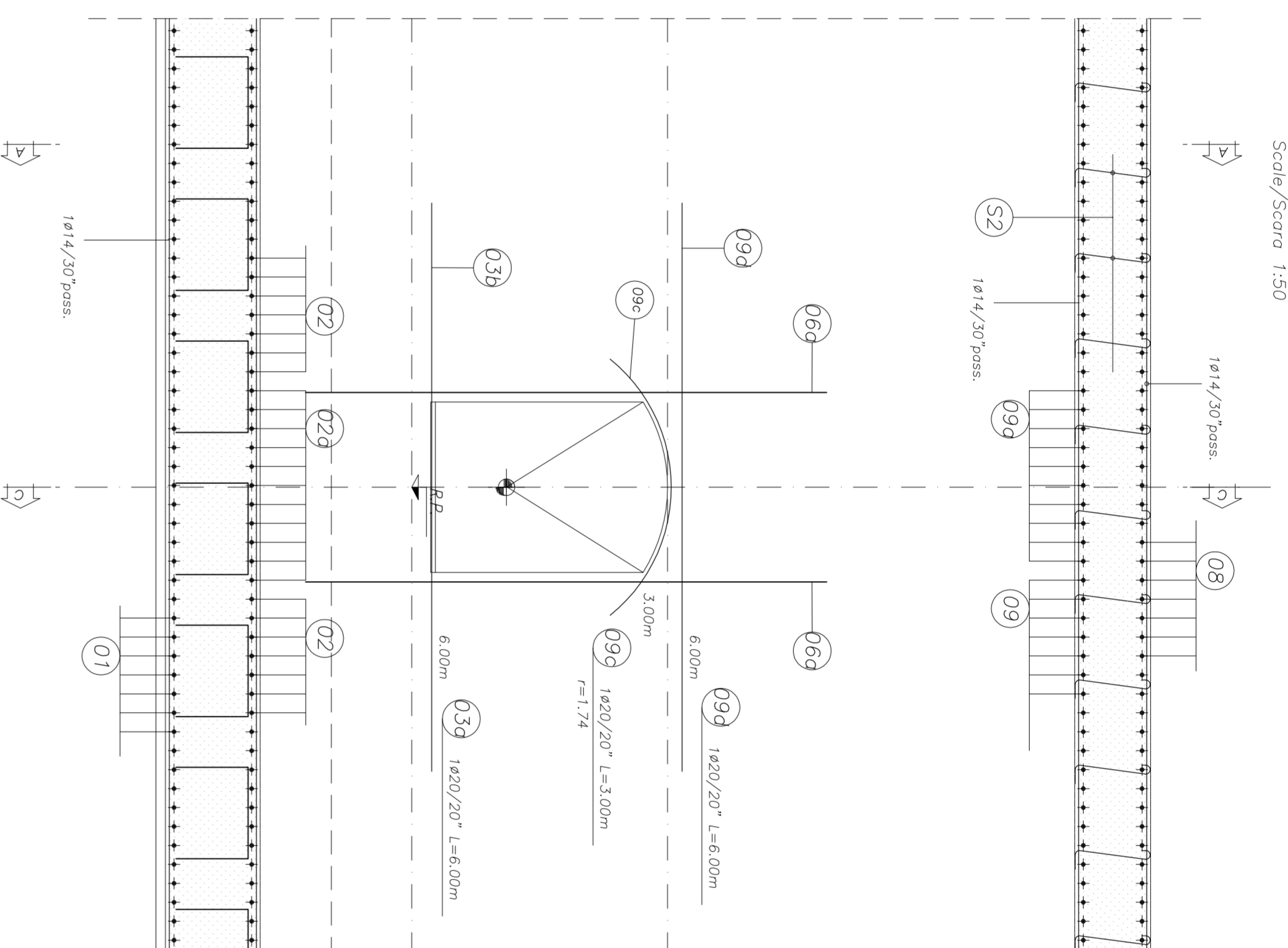


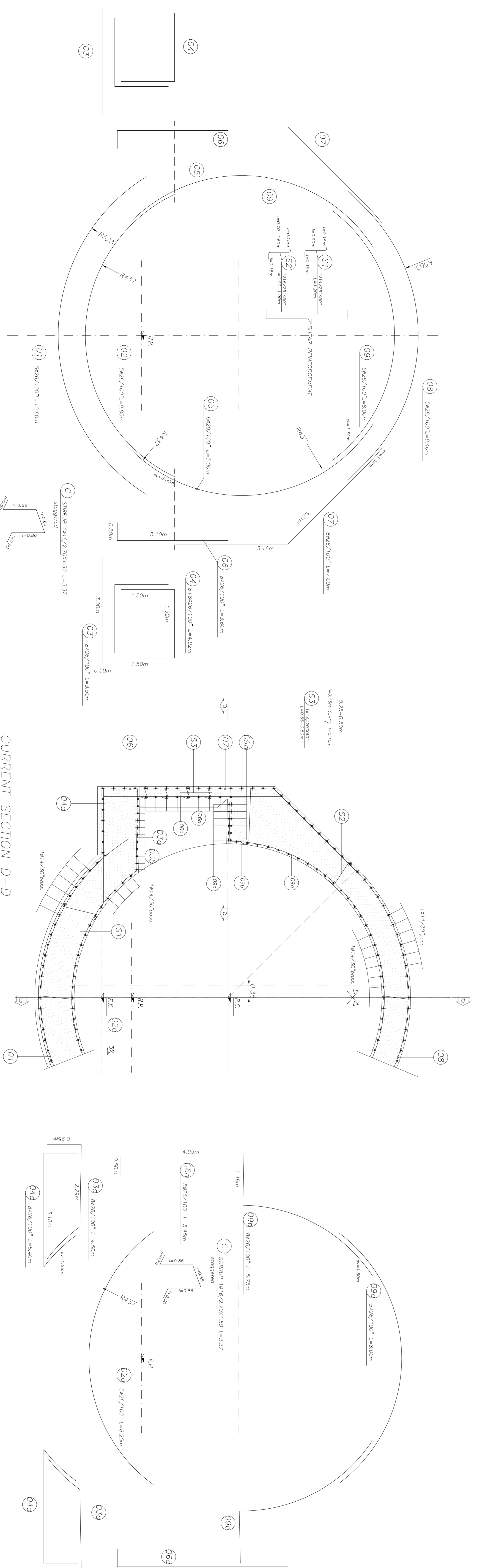
CURRENT SECTION A-A
SECTIUNEA CURENTA A-A
REINFORCEMENTS
ARMATURA
Scale/Scara 1:50



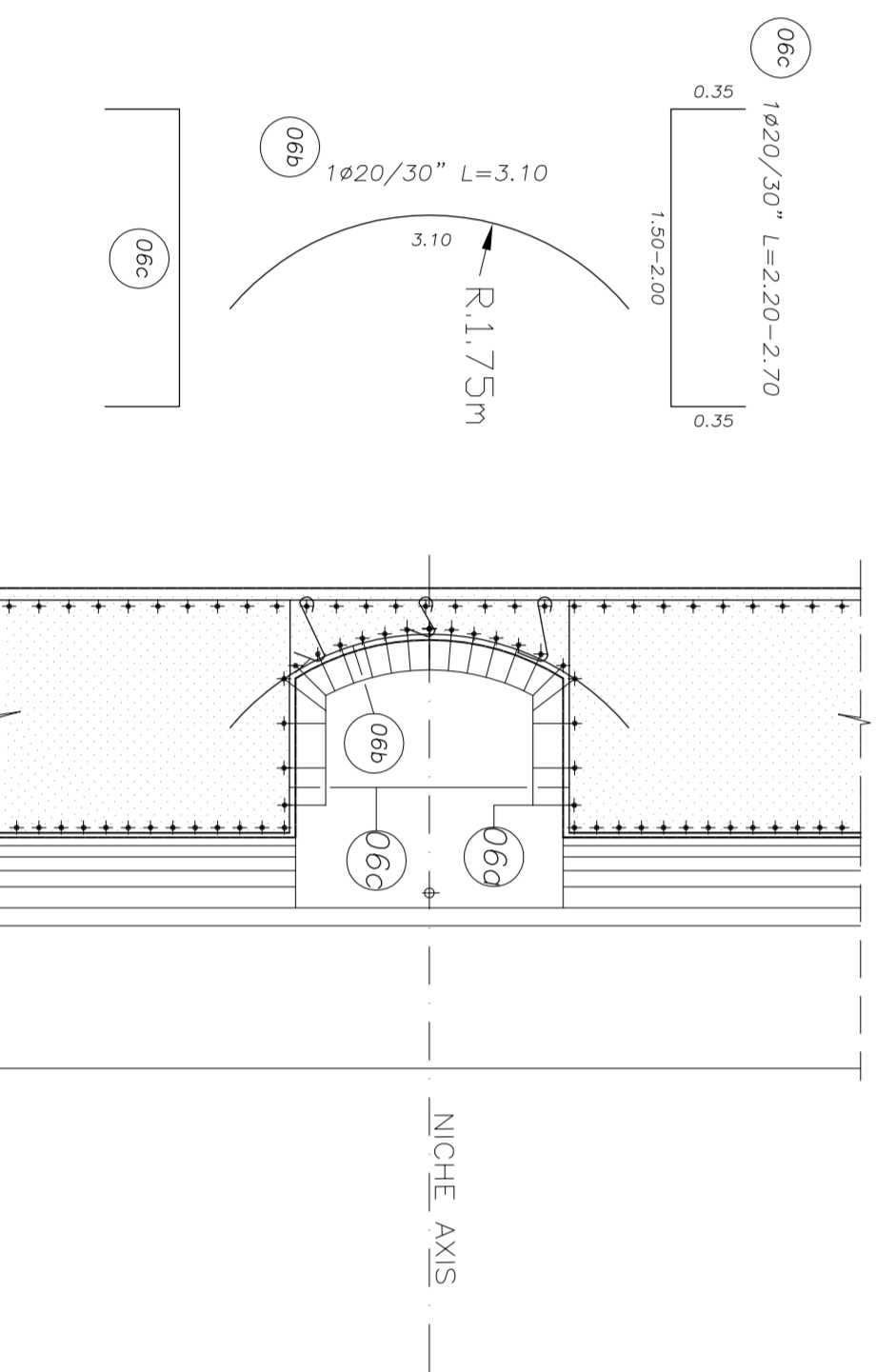
CURRENT SECTION B-B
SECTIUNEA CURENTA B-B
Scale/Scara 1:50



SECTION WITH SHELTER STAFF NICHE C-C
SECTIUNEA CU NISE PENTRU ADAPOSTUL PERSONALULUI C-C
Scale/Scara 1:50



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



STEELS TABLE

BENDING STEEL

Legend measures:

- B40C (standard)
 - Bending diameter $4d_b$
 - ϕ Bar < 400 -> ϕ_{20} = 64
 - ϕ Bar 420-425 -> ϕ_{20} = 68

MATERIAL TABLE

INTERNAL INSERT CONCRETE

- Type C2
- f_{ck} 3-28 MPa
- f_{td} 1.8 MPa
- Minimum structure class: S3/S4
- Exposure class related to environmental conditions: XE2
- Class of chloride content: C1.20
- β max aggregate = 32 mm

INTERNAL CORE CONCRETE

- Type C1
- f_{ck} 3-20 MPa
- Water/cement ratio: 0.420
- Minimum structure class: S3/S4
- Exposure class related to environmental conditions: XE2
- Class of chloride content: C1.20
- β max aggregate = 32 mm

BENDING STEEL

- B40C (standard)
- Bending diameter: $4d_b$
- ϕ Bar < 400 -> ϕ_{20} = 64
- ϕ Bar 420-425 -> ϕ_{20} = 68

REINFORCEMENT STEEL

- Type 1
- Type 2
- Type 3
- Cement type EM I/II

LEGEND

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

INDEX	DATA	DESCRIPTION	PROVIDER	APPROVED CONTRACTOR	APPROVED ENGINEER
A	DATA	Modificarea	...	...	...
B	DATA	...	...	...	...
C	DATA	...	...	...	...
D	DATA	...	...	...	...

CLIENT / CLIENT

GUVERNUL ROMANIEI
ROMANIAN GOVERNMENT

CLIENT / CLIENT

C.N.C.F. "C.F.R." S.A.

CONSULTANT / CONSULTANT

SCIENTIFIC RESEARCH CENTER
SCIENTIFIC RESEARCH CENTER

CONSULTANT / CONSULTANT

SCIENTIFIC RESEARCH CENTER
SCIENTIFIC RESEARCH CENTER

SUBCONSULTANT / SUBCONSULTANT

SCIENTIFIC RESEARCH CENTER
SCIENTIFIC RESEARCH CENTER

Denumire desen / Drawing Title :

HOMEROD TUNNEL
Artificial tunnel: adhoc
Tunnel artificial: amanat

Condition / Condition System

varii varians

Scale / Scara

1:50

Project/Project

Reabilitarea liniei de cale ferata Buzov - Simleu, partea componenta a conditiilor IV Part European, parte Sud-Est - Simleu - Simleu, partea componenta a conditiilor IV Part European, parte Sud-Est - Simleu - Simleu

Project/Project

Reabilitarea liniei de cale ferata Buzov - Simleu, partea componenta a conditiilor IV Part European, parte Sud-Est - Simleu - Simleu

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