



PLAN WITH SHELTER STAFF NICHE

CURRENT SECTION C-C

LEGEND

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

REINFORCING STEEL

Legend measures:

- BXC (welded)
 - Bending diameter R_{sp}
 - Bar $< \phi 20 \rightarrow \phi_{sp} = \phi_{sp}$
 - Bar $\phi 20 - \phi 28 \rightarrow \phi_{sp} = \phi_{sp}$

MATERIAL TABLE

TUNNEL LINER CONCRETE

- Type C2
- $f_{ck} = 25$ MPa
- Water/cement ratio < 0.50
- Max. aggregate size $< 5/3/4$
- Exposure class related to environmental conditions: X2
- Coefficient of thermal expansion < 1.0
- Coefficient of shrinkage < 0.20
- ϕ max aggregate = 32 mm

TUNNEL CROWN CONCRETE

- Type C1
- $f_{ck} = 20$ MPa
- Water/cement ratio < 0.50
- Max. aggregate size $< 5/3/4$
- Exposure class related to environmental conditions: X2
- Coefficient of thermal expansion < 1.0
- Coefficient of shrinkage < 0.20
- ϕ max aggregate = 32 mm

REINFORCING STEEL

- B500C
- B500SD
- B500S
- B500E
- B500A
- B500B
- B500C
- B500D
- B500E
- B500F
- B500G
- B500H
- B500I
- B500J
- B500K
- B500L
- B500M
- B500N
- B500O
- B500P
- B500Q
- B500R
- B500S
- B500T
- B500U
- B500V
- B500W
- B500X
- B500Y
- B500Z

LEAF CONCRETE

- Type C1
- $f_{ck} = 20$ MPa
- Cement type CEM IV

CLIENT / CLIENT

CONSULTANT / CONSULTANT

SUBCONSULTANT / SUBCONSULTANT

DATE

PROIECT/PROJECT

FAZA / PHASE

ARHITECTURA 2 TUNNEL

ENTRANCE ARCHITECTURE

PRIMUL SEGMENT: CĂMIN DE CONSTRUCȚIE

Scale / Scară

Sheet / Pagina

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