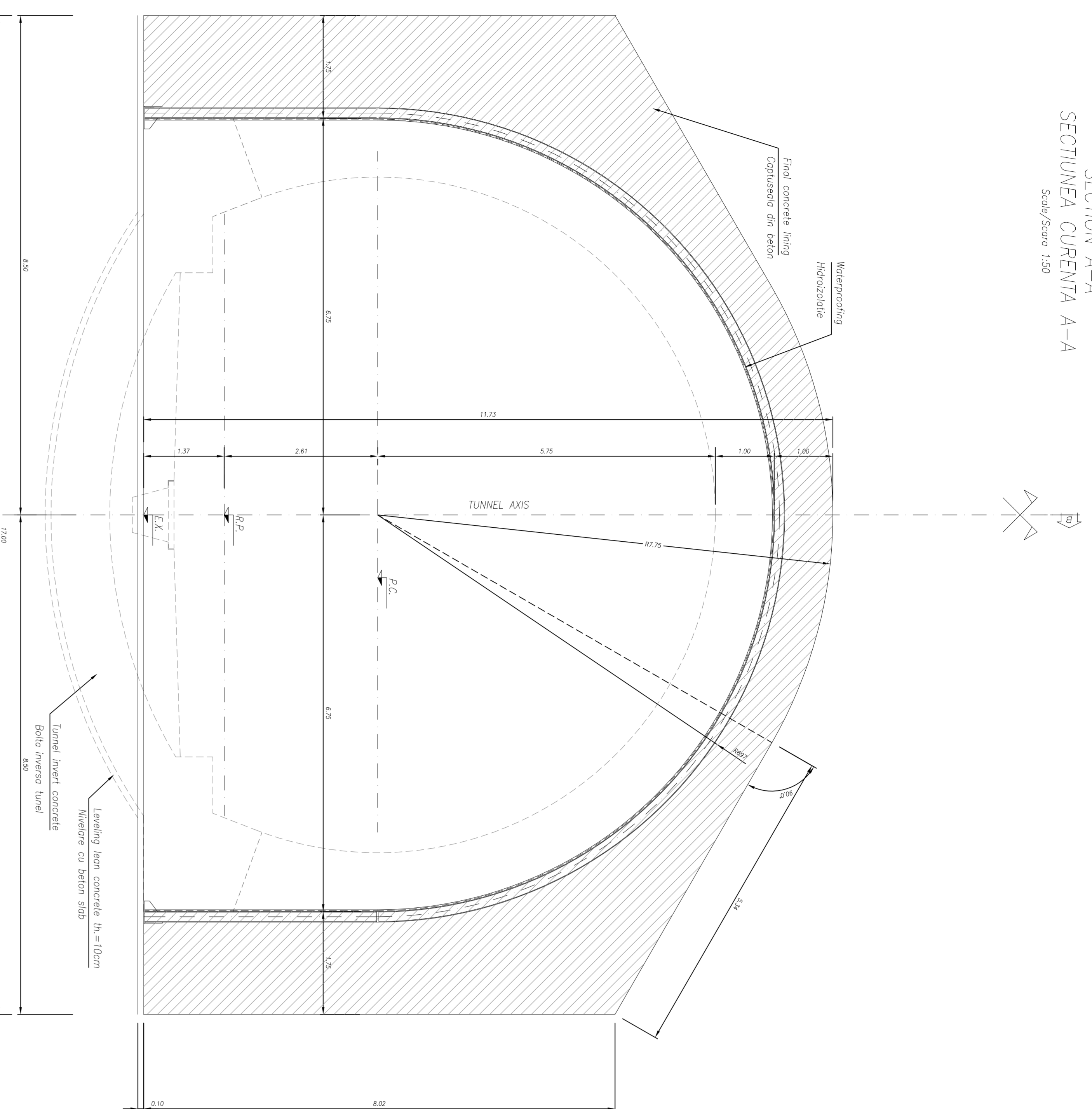
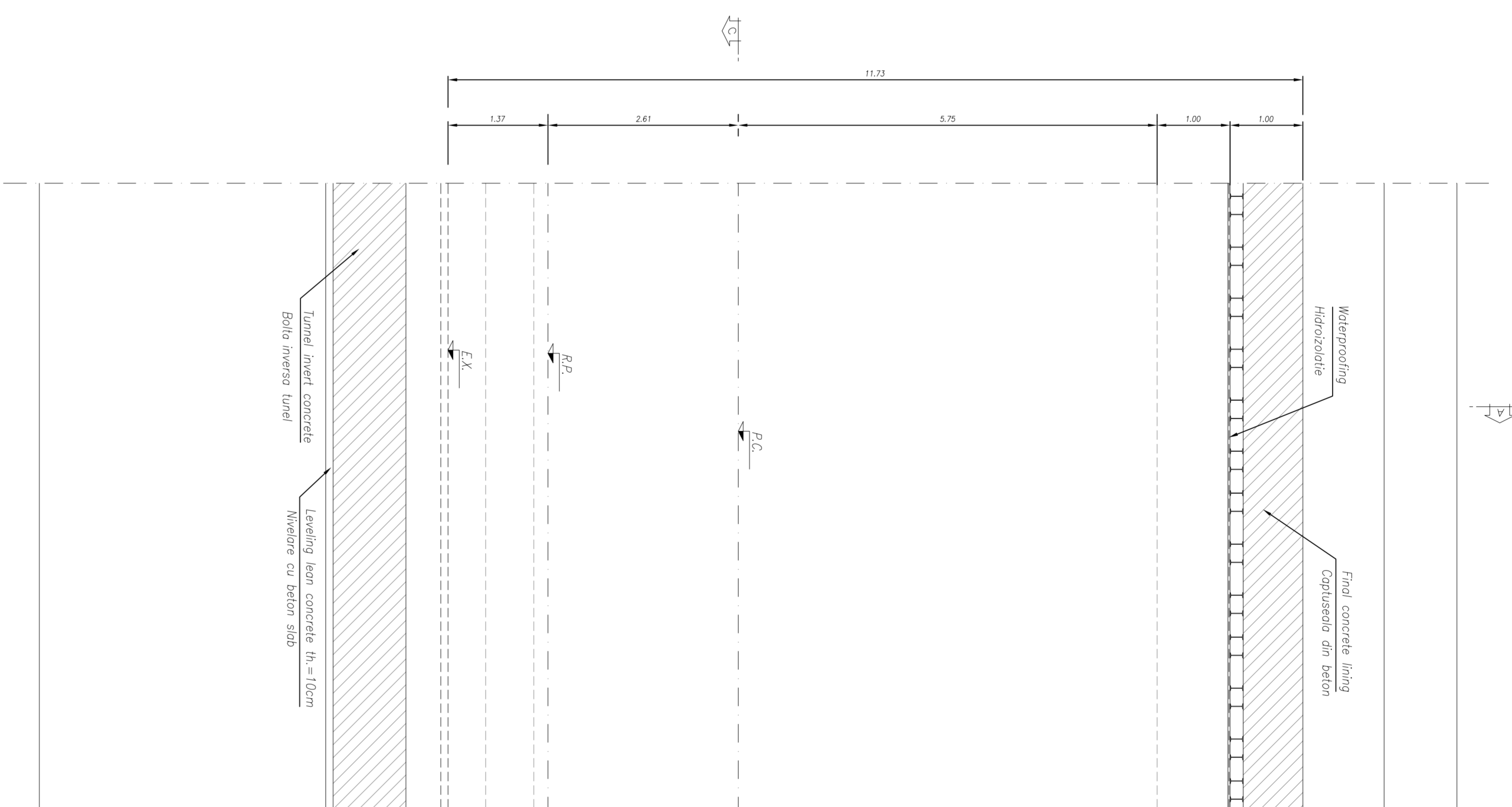


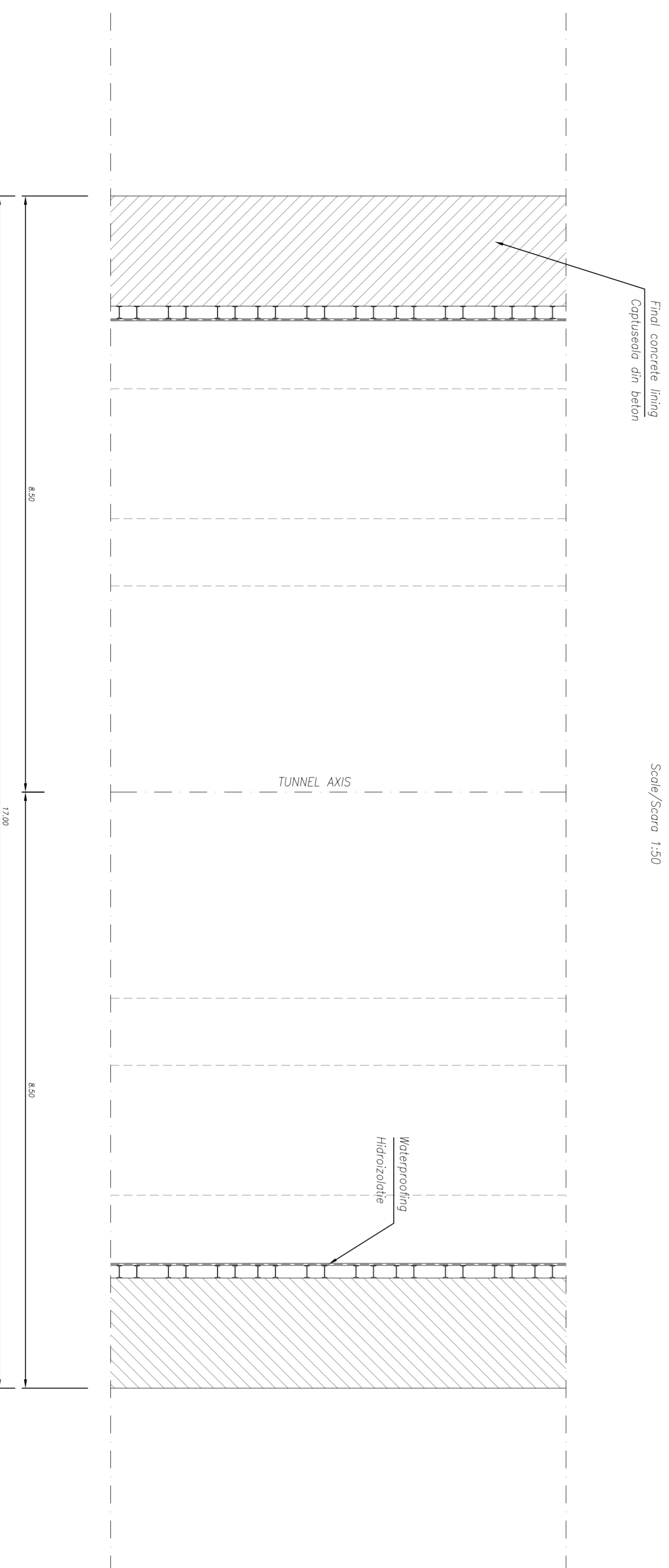
SECTION A-A  
SECȚIUNEA CURENȚA A-A  
Scale/Scara 1:50



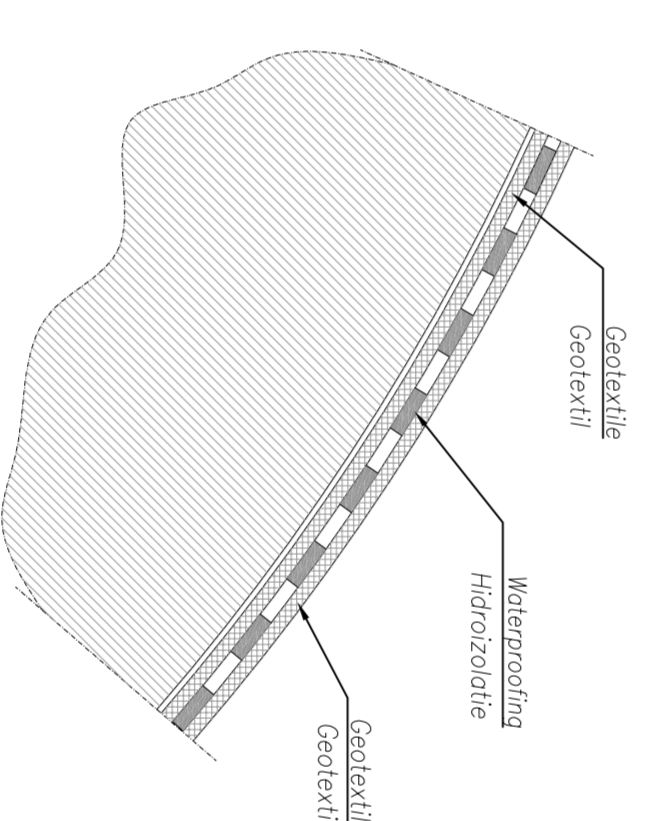
SECTION B-B  
SECȚIUNEA B-B  
Scale/Scara 1:50



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



SECTION D-D  
WATERPROOFING TUNNEL CROWN DETAIL  
DETAILUL CORONAȚII TUNELULUI HIDROZOLANTEI  
Scale/Scara 1:20



- NOTE:**  
– The integrity of the concrete structures of the artificial and natural tunnels have to monitored in case of fire (4.2.2.3 Fire protection requirements for structure IS) technical Specification for Inoperability).
- NOTE:**  
– Inghineta structuri de beton a tunelului artificial si natural, trebuie sa ramanza intacta la o raza de incalzire (4.2.2.3 cerintele de protectie la foc pentru structura SI) Specificatiilor tehnice pentru Inoperabilitate).
- NOTE:**  
– Hantarii shall be installed approximately at 1 m above roadway providing a route to a safe zone (4.2.2.4: escape passages IS).
- NOTE:**  
– Baza de beton trebuie sa fie instalata aproximativ la 1 m deasupra carii de escuare oferind un traseu sigur (4.2.2.4 escuare incluse SI).
- NOTE:**  
– Escapce signs shall be installed on the site walls at a maximum distance between escape signs of 50m (4.2.2.9 Escapce Signs SI).
- NOTE:**  
– Semnale de escuare trebuie sa fie instalate pe pereții tunelului, la o distanta maxima intre semne de escuare de 50m (4.2.2.9 Escapce Signs SI).

**MATERIAL TABLE**

<b>TUNNEL LINING CONCRETE</b>		
–	Type C20	180
–	Mirror/fermet	160
–	Minimum structural class	SI2
–	Minimum concrete cover	35mm
–	Concrete type	CEM III/V
–	Ø	0.20
–	Ø	32
–	Ø	27
<b>TUNNEL CROWN CONCRETE</b>		
–	Type C18	180
–	Mirror/fermet	160
–	Minimum structural class	SI2
–	Minimum concrete cover	35mm
–	Concrete type	CEM III/V
–	Ø	0.20
–	Ø	32
–	Ø	27

**GENERAL NOTES:**  
– DIMENSIONS CONTAINED BY ESTABLISHMENT  
– METHOD  
– REVISIONS

**LEGEND:**  
RP = REFERENCE PLANE  
EX = EXCAVATION PLANE  
PC = CENTERS PLANE

CLIENT / CLIENT		CONTRATOR / CONTRACTOR	
CNCF "CFR" S.A.		OBERMEYER CONSULTANT	
PROJECT MANAGER ROBERTA ROȘU ROȘU ROȘU ROȘU ROȘU		PROJECT MANAGER ROȘU ROȘU ROȘU ROȘU ROȘU ROȘU	
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**ARCHITECT 2 TUNNEL**  
Sistemul de drenaj al tunelului

Proiect/Project  
2024/RO/1679/002  
Faza / Phase:  
P.R./I.D.

**LEGEND:**  
RP = REFERENCE PLANE  
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