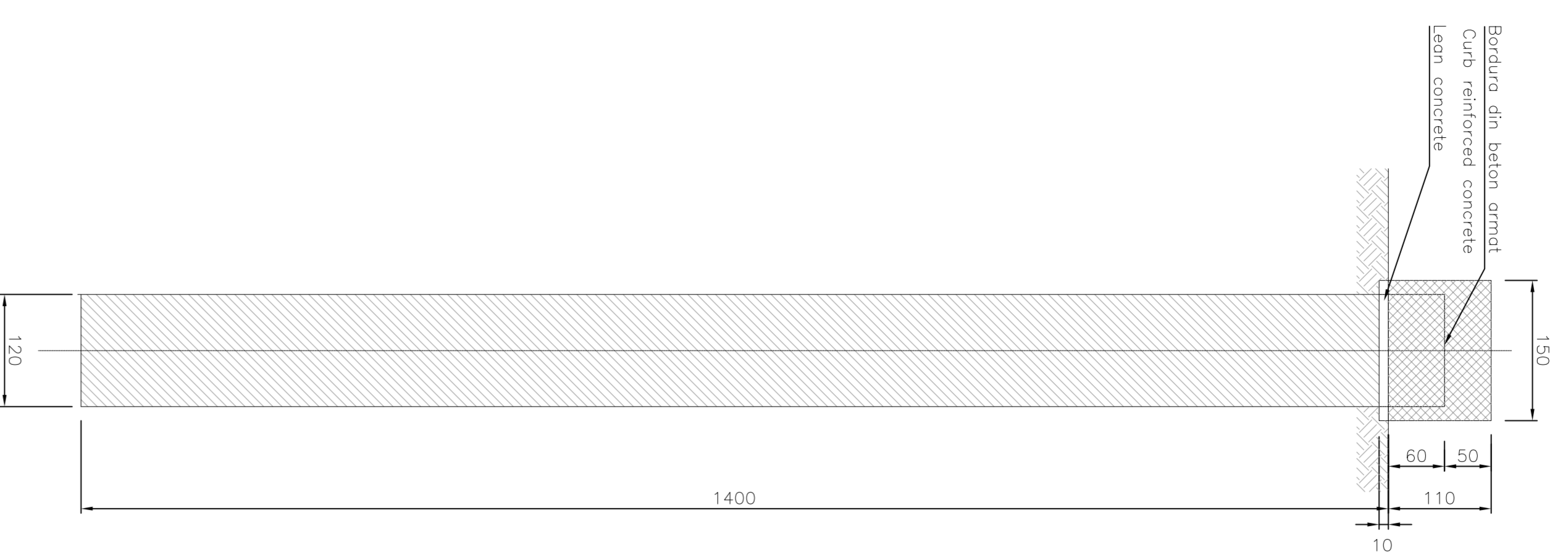


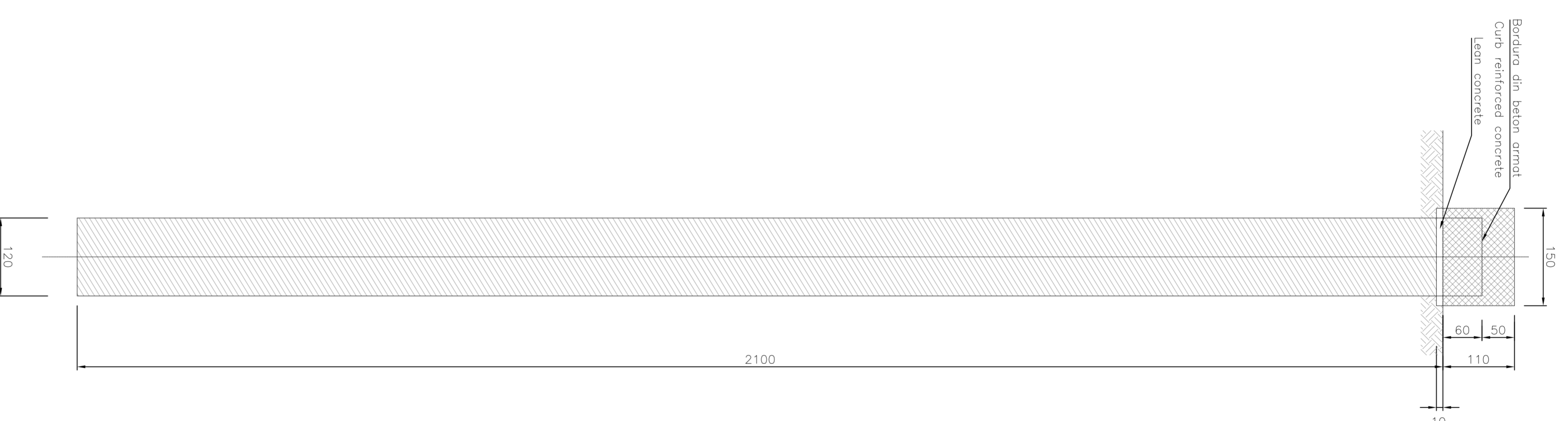
PILES WALL/PILA
 ø1200/1.30m
 H=15.00m Scale/Scale 1:50



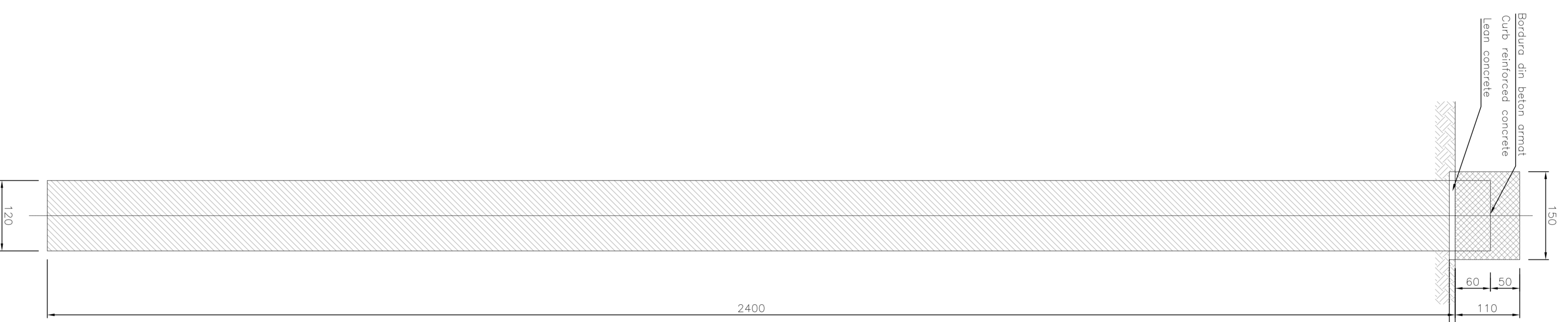
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 ø1200/1.30m
 H=17.00m Scale/Scale 1:50



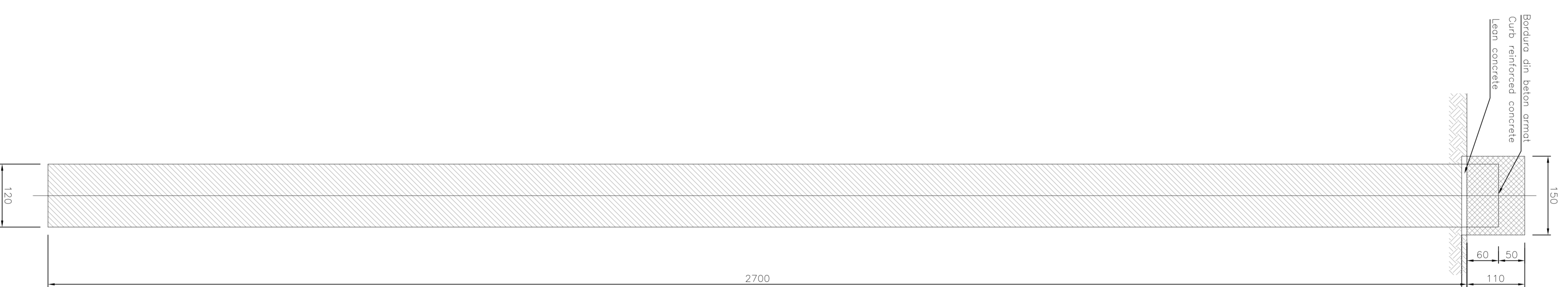
PILES WALL/PILA
 ø1200/1.30m
 H=22.00m Scale/Scale 1:50



PILES WALL/PILA
 ø1200/1.30m
 H=25.00m Scale/Scale 1:50



PILES WALL/PILA
 ø1200/1.30m
 H=28.00m Scale/Scale 1:50



MATERIAL TABLE	
CONCRETE PILE	
-	Type H2
-	Isk ≥ 25 MPa
-	Minimum concrete strength ≥ 30
-	Minimum structural class S4/S5
-	Concrete type CEM III/V
-	ϕ max aggregate = 22.4 mm
CONCRETE CLASS	
-	Type H2
-	Water/cement ratio ≤ 0.50
-	Minimum structural class S4/S5
-	Class of chloride content Cl 0.20
-	ϕ max aggregate = 22.4 mm
REINFORCING STEEL	
-	BARC certified by establishment
-	Weldable
LEM CONCRETE	
-	Type I
-	Isk ≥ 12 MPa
-	Concrete type CEM I/V

Index	Data	Modificare	Proiectant	Acordat/Completat	Acordat/CFR
A	1	Modificare	Proiectant	Acordat/Completat	Acordat/CFR
B	2	Modificare	Proiectant	Acordat/Completat	Acordat/CFR
C	3	Modificare	Proiectant	Acordat/Completat	Acordat/CFR
D	4	Modificare	Proiectant	Acordat/Completat	Acordat/CFR

CLIENT / CLIENT		CONSULTANT / CONSULTANT	
CFR CN.C.F. "C.F.R." - S.A. ROMANIAN GOVERNMENT ROMANIAN UNION FINANCED PROJECT		TECNIC CONSULTANT R. LUTZA C. GEMELLI C. GEMELLI C. GEMELLI	

SUBCONSULTANT / SUBCONSULTANT	
Approved Architect Technical Engineer Designer	Date Signature Stamp

SUBCONSULTANT / SUBCONSULTANT	
Approved Architect Technical Engineer Designer	Date Signature Stamp

CONSULTANT / CONSULTANT	
Approved Architect Technical Engineer Designer	Date Signature Stamp

CLIENT / CLIENT	
Approved Architect Technical Engineer Designer	Date Signature Stamp

PROJECT INFORMATION	
Project Name: STANCA ACQUA SIE Tunneling and civil works component of the railway line between Sibiu and Sibiu Section 1: Sibiu - Sibiu Part of the project: Sibiu - Sibiu Section 1: Sibiu - Sibiu	Project/Project 2044/RO/16/974/002 Faza: Proiect P.1h. / 1.0.

DRAWING INFORMATION	
Drawing Title: STANCA ACQUA SIE Tunneling and civil works component of the railway line between Sibiu and Sibiu Section 1: Sibiu - Sibiu Part of the project: Sibiu - Sibiu Section 1: Sibiu - Sibiu	Scale / Scale 1:50

CHECKLIST	
Confirma / Confirma Sistem Date 15.11.2016	Confirma / Confirma Sistem Date 15.11.2016