

- #### RECOMANDARI TEHNOLOGICE
1. Amplasarea camerei de trageri se va face conform proiectului de instalatii TCF, numai in cadrul peronanelor.
 2. Cotele verticale de trasare si executie ale camerei de trageri tip CTS au ca element de referinta, nivelul finit al peronului (din dreptul camerei de trageri).
 3. Pozitia si dimensiunile gurilor in peretii camerei de trageri care subtraverseaza linia trebuie corelata la executie cu montarea drenurilor (-50 cm sub dren).
 4. Pozitia si dimensiunile gurilor in peretii camerei de trageri vor fi conform proiectului TCF, iar eventuale adaptari se vor stabili de comisia de predare a amplasamentului.
 5. In cazul in care realizarea sapaturilor la camera de trageri CTS se executa in proximitatea fundatiilor unei constructii existente, pentru a nu pune in pericol stabilitatea acestora, pe perioada lucrarilor la camera de trageri este obligatorie : realizarea de sprijini solide si sigure la sapaturi si realizarea de sprijini metalice solide la structura constructiei alaturate.
 6. Traseul de cabluri ce subtraverseaza linia nu trebuie sa intereseze fundatiile stalpilor copertinei.

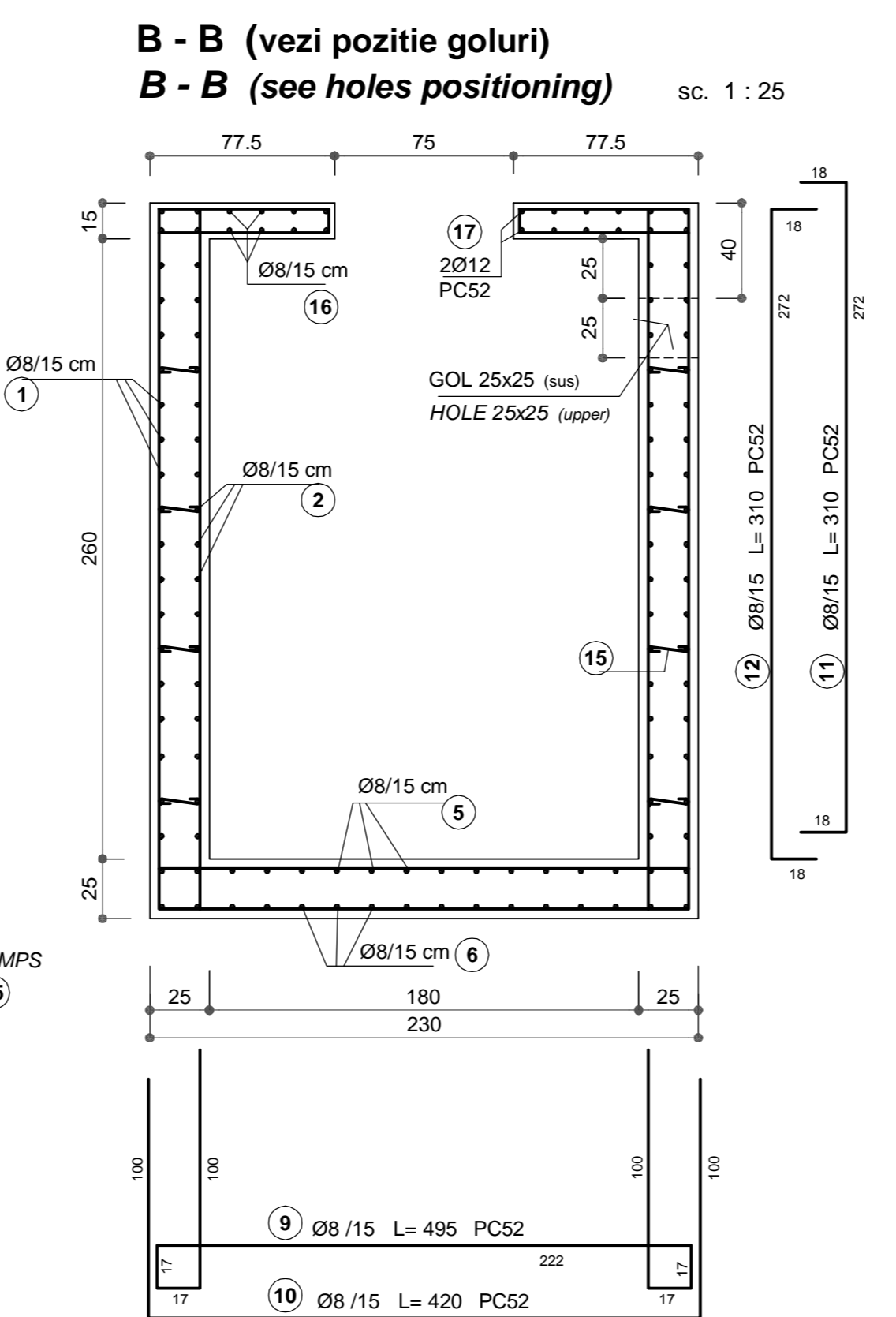
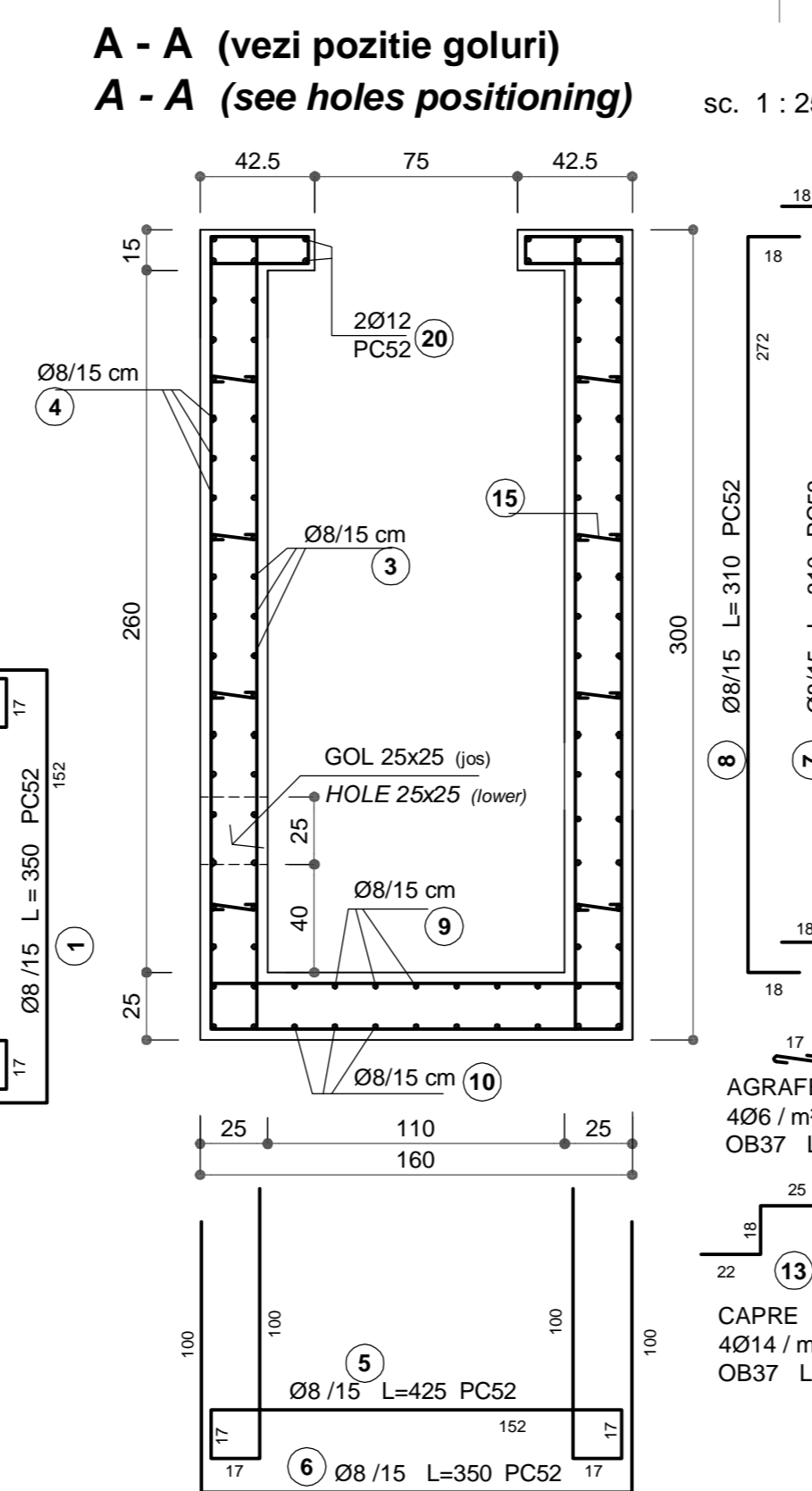
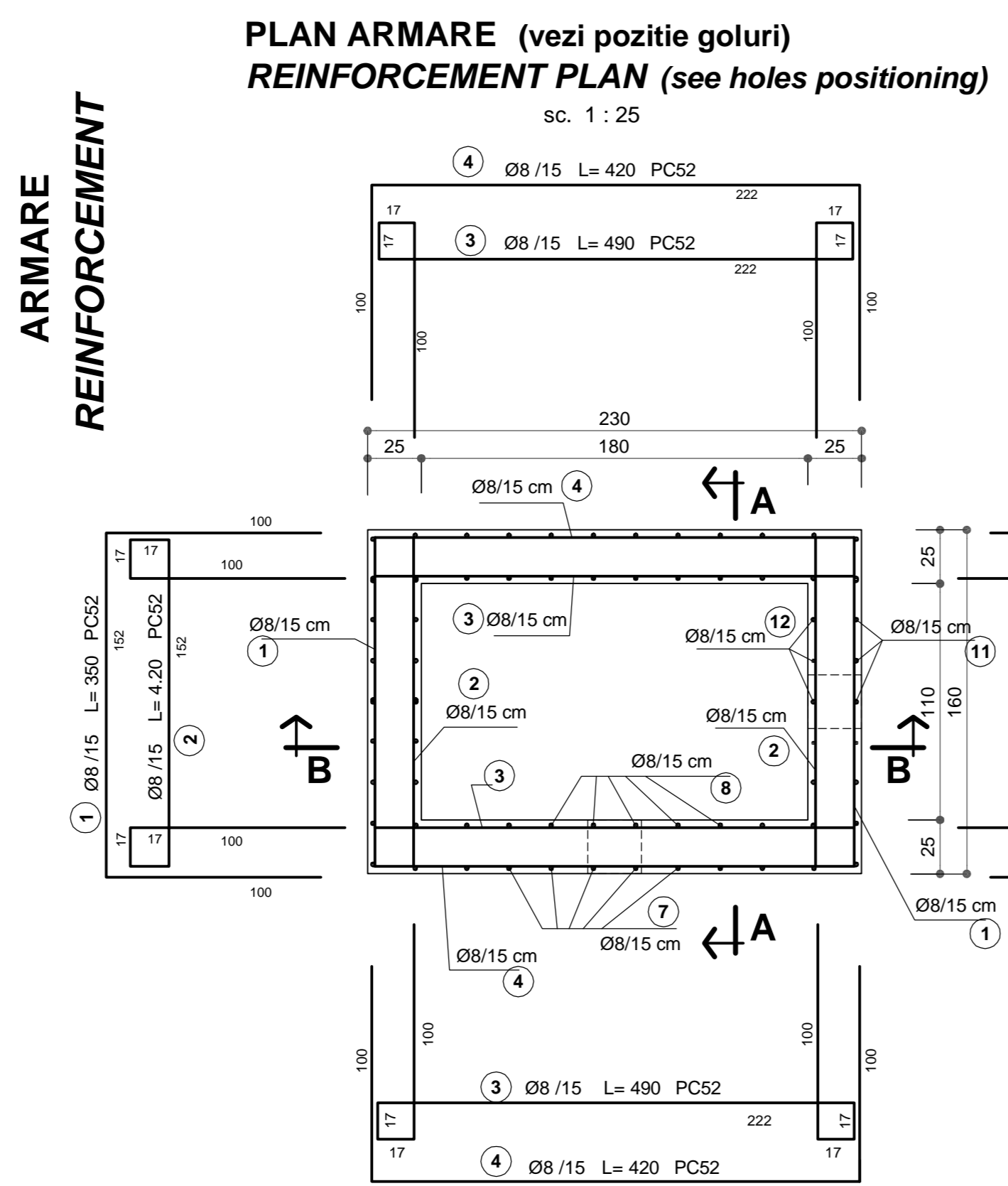
- #### TECHNOLOGICAL RECOMMENDATIONS
1. The positioning of the cable drawing manhole will be done according to the TCF installations project, only within the platforms.
 2. The vertical tracing and construction elevations of the CTS type drawing manhole have the final level of the platform (next to the drawing manhole) as a reference mark.
 3. The position of the pipe and cable routes between the drawing manholes crossing under the tracks must be correlated with the mounting of drains when constructing (-50cm under the drain).
 4. The position and the dimensions of the openings in the walls of the drawing manhole will be in accordance with the TCF project, and any adjustments will be determined by the committee which will deliver the site.
 5. In case the excavations for the CTS drawing manhole are carried out in the proximity of the foundations of an existing building, in order not to endanger the stability of this building, the following are compulsory during the works concerning the drawing manhole : solid and safe propping for excavations and solid metal propping for the adjoining building.
 6. The cable route which crosses under the tracks must not intersect the foundations of canopy poles.

TABLOU ARMARE REINFORCEMENT TABLE

MARCĂ	Ø	BUCĂȚI	LUNGIME	LUNGIMI TOTALE IN m / Ø			
				Ø8 Ø14	Ø8 Ø12	PC 52	
1	8	38	3.50		133.0		
2	8	38	4.20		159.6		
3	8	38	4.90		186.2		
4	8	38	4.20		159.6		
5	8	15	4.25		63.8		
6	8	15	3.50		52.5		
7	8	30	3.10		93.0		
8	8	30	3.10		93.0		
9	8	10	4.95		49.5		
10	8	10	4.20		42.0		
11	8	20	3.10		62.0		
12	8	20	3.10		62.0		
13	14	15	1.05	15.8			
14	14	13	0.85	11.1			
15	8	194	0.30	58.2			
16	8	20	3.70		34.0		
17	12	8	1.70		13.6		
18	8	10	1.15		11.5		
19	8	2	3.00	6.0			
20	12	8	2.40		19.2		
21	8	repartitie		25.9			
TOTAL LUNGIMI/Ø				64.2	26.9	1227.6	32.8
GREUTATEAm				0.222	1.209	0.395	0.888
GREUTATEAmØ				14.3	32.5	484.9	29.1
TOTAL kg				47		514	

MATERIALE
 Beton de egalizare : C4/5 - T2/T3 - f 32.5 R/0 - 31
 Beton armat : C16/20 - T3/T4 - f 32.5 R/0 - 16
 Otel beton : PC 52 - OB 37
 Laminat : S235J2G3 (ØL 37.2n)

MATERIALS
 Leveling concrete : C4/5 - T2/T3 - f 32.5 R/0 - 31
 Reinforced concrete : C16/20 - T3/T4 - f 32.5 R/0 - 16
 Steel concrete : PC 52 - OB 37
 Laminated : S235J2G3 (ØL 37.2n)



D					
C					
B					
A					
Index	Date	Modificari	Proiectant	Approbat Consultant	Approbat C.F.R.
Index	Date	Modificari	Designer	Approved Consultant	Approved C.F.R.
GUVERNUL ROMÂNIEI ROMANIAN GOVERNMENT		PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ EUROPEAN UNION FINANCED PROJECT			
CLIENT / CLIENT		C.N.C.F. "C.F.R." - S.A.			
ITALFERR GRUPPO FERROVIE DELLO STATO JOHANNES KEPLER UNIVERSITÄT LINZ		Scot Wilson	OBERMEYER PLANEN + BERATEN GmbH	TECNIC CONSULTING ENGINEERS	
CONSULTANT / CONSULTANT				Data	Completare
Approbat	Project manager	R. Liuzzo	12.2011	[Signature]	
Approbat	Coordonator Schema 1	C. Gamboli	12.2011	[Signature]	
Approbat	Section 1 Coordinator				
Verificat	Verificat	Giuseppe Fioravanti	12.2011	[Signature]	
SUBCONTRACTANT / SUBCONTRACTOR				Data	Completare
Approbat	Responsabil Subcontractant	A. Stancu - Director	12.2011	[Signature]	
Approbat	Subcontractant Responsible				
Intocmit	Designer	Ing. / Ing. Todor ALMALEH	12.2011	[Signature]	
Elaborat					
Reabilitarea liniei de cale ferata Braşov - Simeria, parte componentă a coridoarelor IV Pan European, pentru circulația trenurilor cu viteză maximă de 160 km/h. Tronsoanel : Braşov - Sighişoara Rehabilitation of the railway line Braşov - Simeria, component Part of the IV Pan-European Corridor, for the trains circulation with maximum speed of 160 km/h. Section : Braşov - Sighişoara		Project/Project 2004/R016/PPA003 Faza / Phase: D.E. / E.D.			
Denumire desen / Drawing Title:					
CAMERA de TRAGERE SPECIALA tip CTS SPECIAL CTS TYPE CABLE MANHOLE					
Codificare / Codification System		Scala / Scale		LOT / LOT	№ / No
E A 5 1 0 1 E 0 0 B 2 C C 0 0 0 0 0 4 1		1 : 25		LOT	01/01

1 1/2 A2 420 x 891 = 0.38 m²