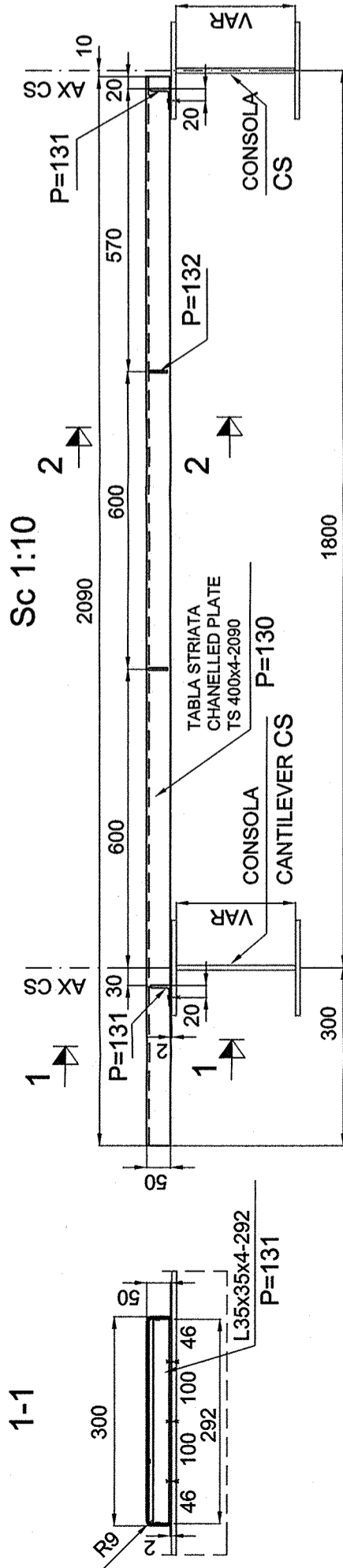
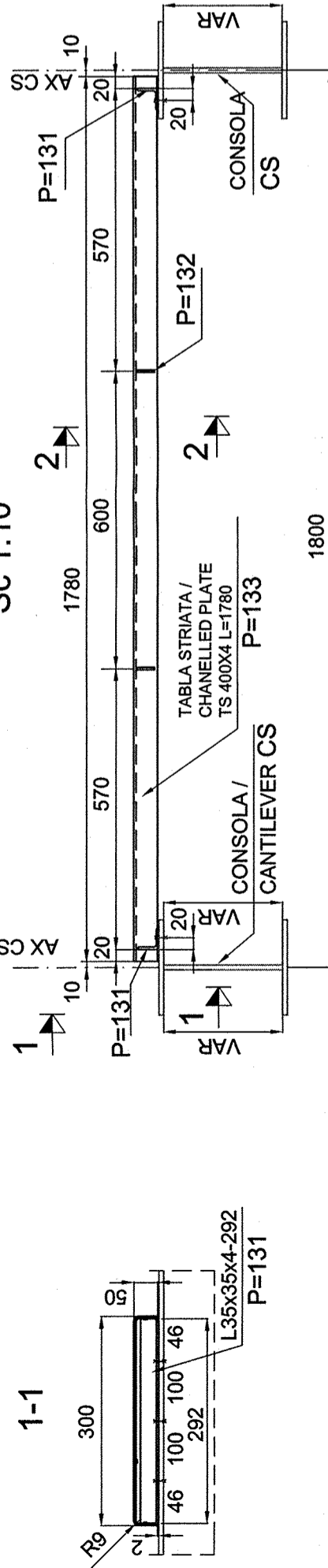


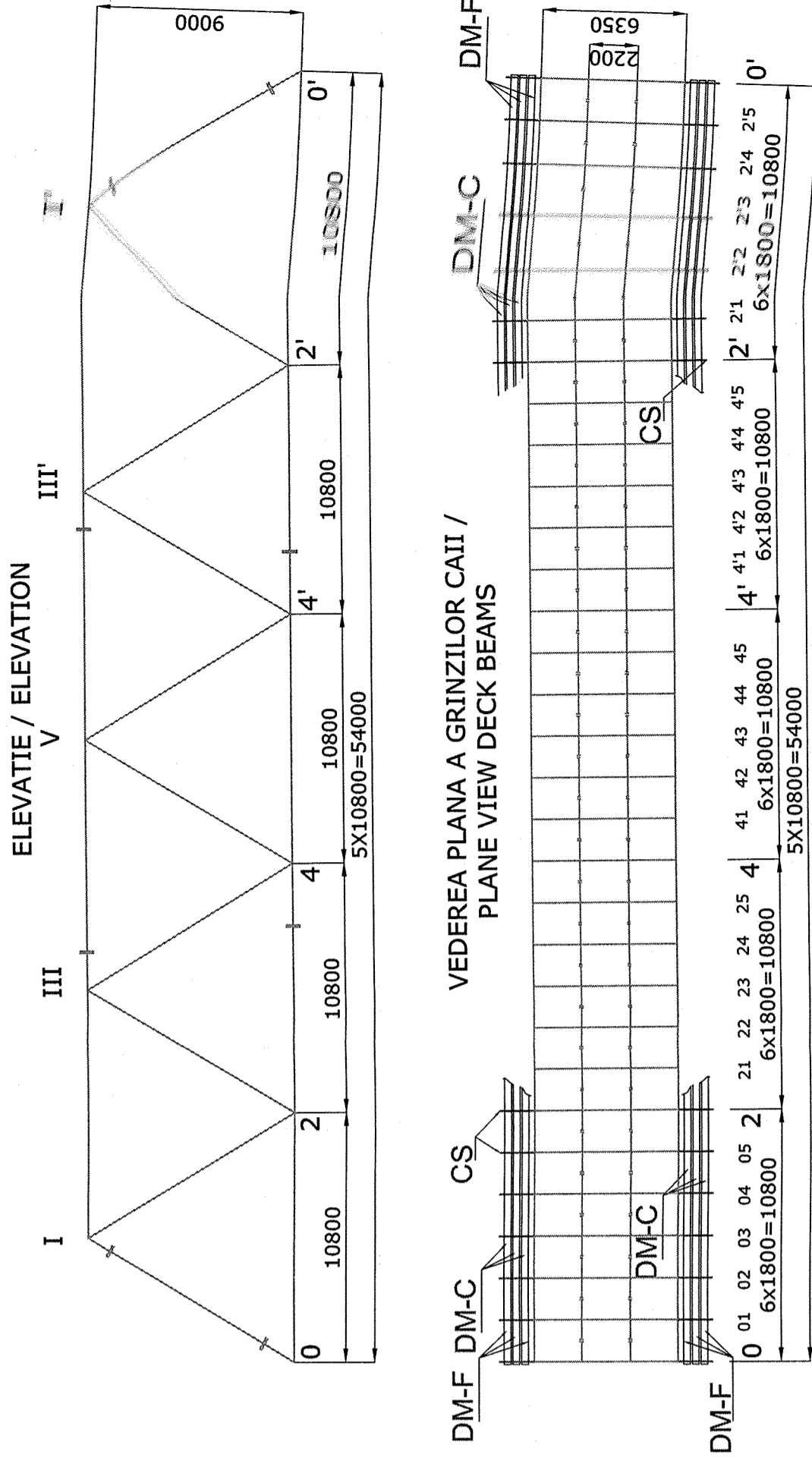
DULAPI METALICI DM-F / FOOTWAY ELEMENTS DM-F



DULAPI METALICI DM-C  
FOOTWAY ELEMENTS DM-C



SCHEMA GENERALA TABLIER / GENERAL SCHEME SUPERSTRUCTURE



EVALUAREA MATERIALULUI METALIC PENTRU DULAPII DM-C (3x28x2=168 BUC / TABLIER)  
EVALUATION OF METALLIC MATERIALS FOR ELEMENTS DM-C (3x28x2=168PIECES / 1 SUPERSTRUCTURE)

POZ	DENUMIRE PIESA	BUC	SECTIUNE	L[m]	Kg/m	Kg/buc	MASA OL-37-4k	MASA OL37-2n
133	DULAP TS-4	168	TS 400x4	1.780	12.56	22.35	-	3756
131	CORN REAZEM	336	L35x35x4	0.292	2.09	0.61	-	205
132	RIGIDIZARE	336	40x4	0.292	1.06	0.31	-	104
TOTAL [Kg]							-	4065

EVALUAREA MATERIALULUI METALIC PENTRU DULAPII DM-F (12 BUC / TABLIER)  
EVALUATION OF METALLIC MATERIALS FOR ELEMENTS DM-F (12 PIECES / 1 SUPERSTRUCTURE)

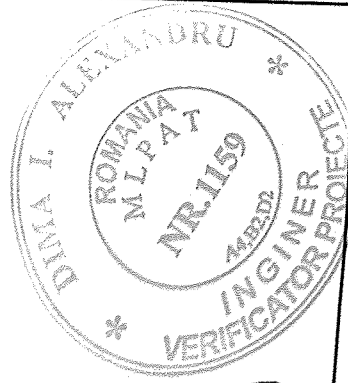
POZ	DENUMIRE PIESA	BUC	SECTIUNE	L[m]	Kg/m	Kg/buc	MASA OL-37-2n	MASA OL-37-3k
130	DULAP MET TS-4	12	TS 400x4	2.090	12.56	26.2	-	315
131	CORN REAZEM	24	L35x35x4	0.292	2.09	0.61	-	15
132	RIGIDIZARE	24	40x4	0.292	1.06	0.31	-	8
TOTAL [Kg]							-	340

NOTA:

- IMBINARILE SUDATE DINTRE PIESELE DULAPILOR SUNT DE COLT CU O GROSIME=2 mm;
- FIXAREA DULAPILOR DE CONSOLELE DE TROTUAR SE VA FACE CU SURUBURI OBISNUITE M12X50 STAS 6220 GRUPA 6.8. DUPA FIXARE, PIULITELE SE VOR BLOCA PRIN SUDARE;
- SE RECOMANDA CA GAURIREA CONSOLELOR (Ø13) SA SE FACI PE SANTIER.

- NOTE:
- THE WELDED CONNECTIONS BETWEEN THE FOOTWAY FRAMING PARTS ARE CORNER JOINT WELDS WITH THE THICKNESS = 2MM
  - THE FOOTWAY ELEMENTS WILL BE FIXED BY THE FOOTWAY CANTILEVERS WITH NORMAL SCREWS M12X50 STAS 6220 GROUP 6.8. AFTER FIXING, THE NUTS WILL BE BLOCKED BY WELDING.
  - IT IS RECOMANDED THAT THE DRILLING OF CONSOLES (Ø13) TO BE MADE ON SITE.

SURUBURI / SCREWS M12X50 STAS 920:  
180 DULAPI X6 BUC/DULAP = 1080 BUC (64 KG)  
PIULITE / NUTS M12 STAS 922 = 1080 BUC (17.2 KG)  
SAIBE / SHEAVES M12 STAS 1388 = 2160 BUC (12.8 KG)



B									
A									
BENEFICIAR/BENEFICIARY:		ROMANIAN RAILWAY NATIONAL COMPANY		Ministerul Transporturilor		Ministry of Transport			
Date		Date		Date		Date			
Modificare		Modificare		Modificare		Modificare			
AUTORITATEA DE IMPLEMENTARE/		AUTORITATEA DE IMPLEMENTARE/		AUTORITATEA DE IMPLEMENTARE/		AUTORITATEA DE IMPLEMENTARE/			
CONTRACTING AUTHORITY		CONTRACTING AUTHORITY		CONTRACTING AUTHORITY		CONTRACTING AUTHORITY			
Ministerul Economiei si Finantelor		Ministerul Economiei si Finantelor		Ministerul Economiei si Finantelor		Ministerul Economiei si Finantelor			
Oficiu de Plan si Contractare Phara		Oficiu de Plan si Contractare Phara		Oficiu de Plan si Contractare Phara		Oficiu de Plan si Contractare Phara			
Contract / Contract		Contract / Contract		Contract / Contract		Contract / Contract			
1303/2007		1303/2007		1303/2007		1303/2007			
Faza / Phase		Faza / Phase		Faza / Phase		Faza / Phase			
P7H+DE		P7H+DE		P7H+DE		P7H+DE			
7P+DD		7P+DD		7P+DD		7P+DD			
UNIONE EUROPEANA		UNIONE EUROPEANA		UNIONE EUROPEANA		UNIONE EUROPEANA			
EUROPEAN UNION		EUROPEAN UNION		EUROPEAN UNION		EUROPEAN UNION			
PORTOFOLIUL DE PROIECTE PHARE CES 2005 / PHARE CES 2005 PROJECTS PORTFOLIO		PORTOFOLIUL DE PROIECTE PHARE CES 2005 / PHARE CES 2005 PROJECTS PORTFOLIO		PORTOFOLIUL DE PROIECTE PHARE CES 2005 / PHARE CES 2005 PROJECTS PORTFOLIO		PORTOFOLIUL DE PROIECTE PHARE CES 2005 / PHARE CES 2005 PROJECTS PORTFOLIO			
LOT 1		LOT 1		LOT 1		LOT 1			
Asistenta tehnica pentru pregatirea unor lucrari de reabilitare pentru tuneluri si poduri de cale ferata		Asistenta tehnica pentru pregatirea unor lucrari de reabilitare pentru tuneluri si poduri de cale ferata		Asistenta tehnica pentru pregatirea unor lucrari de reabilitare pentru tuneluri si poduri de cale ferata		Asistenta tehnica pentru pregatirea unor lucrari de reabilitare pentru tuneluri si poduri de cale ferata			
Technical assistance for preparing rehabilitation works required by railway tunnels and bridges		Technical assistance for preparing rehabilitation works required by railway tunnels and bridges		Technical assistance for preparing rehabilitation works required by railway tunnels and bridges		Technical assistance for preparing rehabilitation works required by railway tunnels and bridges			
Denumire desen / Drawing Title:		Denumire desen / Drawing Title:		Denumire desen / Drawing Title:		Denumire desen / Drawing Title:			
Sursa desen / Drawing Code:		Sursa desen / Drawing Code:		Sursa desen / Drawing Code:		Sursa desen / Drawing Code:			
Pod / Bridge km 57+560		Pod / Bridge km 57+560		Pod / Bridge km 57+560		Pod / Bridge km 57+560			
DETALI DULAPI DE TROTUAR		DETALI DULAPI DE TROTUAR		DETALI DULAPI DE TROTUAR		DETALI DULAPI DE TROTUAR			
DM-F SI DM-C / DETAILS SIDEWALK ELEMENTS DM-F AND DM-C		DM-F SI DM-C / DETAILS SIDEWALK ELEMENTS DM-F AND DM-C		DM-F SI DM-C / DETAILS SIDEWALK ELEMENTS DM-F AND DM-C		DM-F SI DM-C / DETAILS SIDEWALK ELEMENTS DM-F AND DM-C			
Cod desen / Drawing Code		Cod desen / Drawing Code		Cod desen / Drawing Code		Cod desen / Drawing Code			
Nr. / No.		Nr. / No.		Nr. / No.		Nr. / No.			
PD.21		PD.21		PD.21		PD.21			