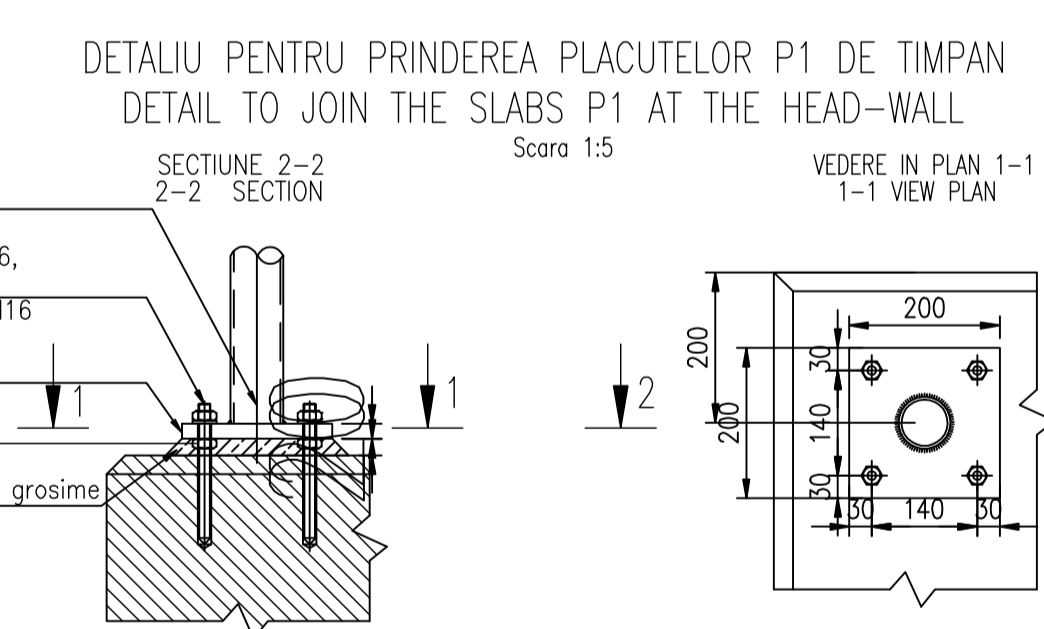
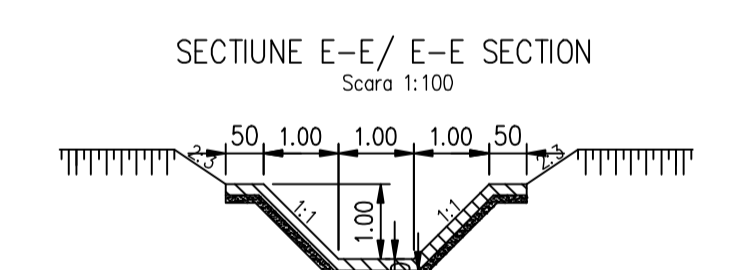
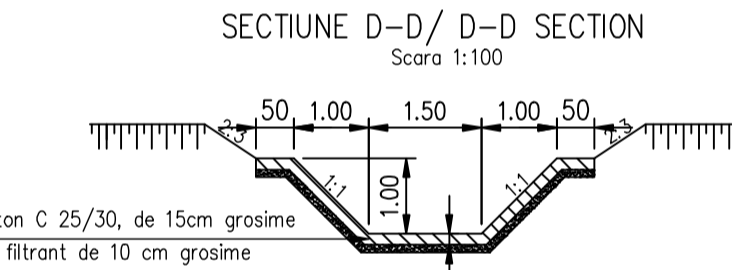
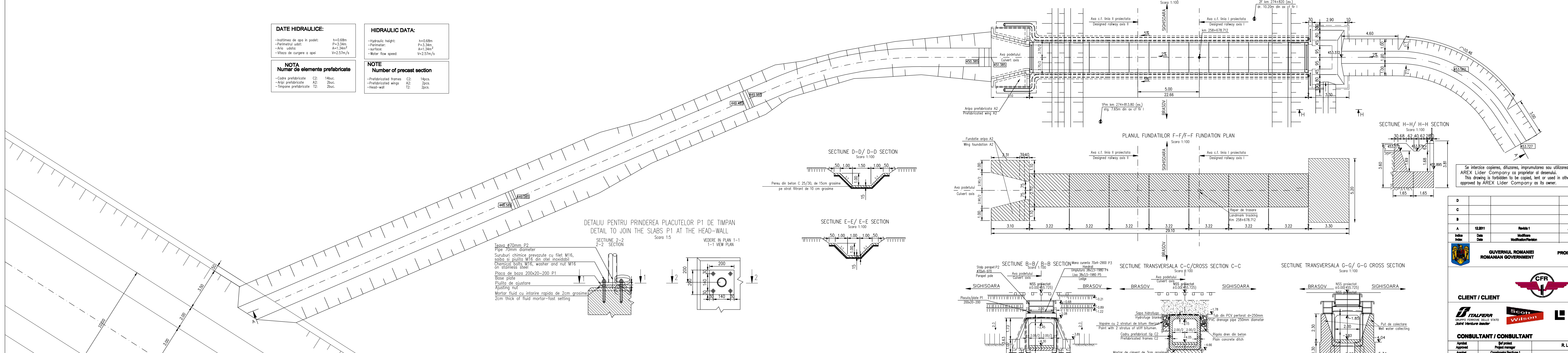


Plan de referinta Reference plane 445.000	Nivelul platformei pr. Subgrade	Nivelul terenului existent Ground	Distanta Distance
	446.84	446.84	82.3
	448.18	448.18	83.3
	448.56	448.56	60.3
	449.98	449.98	60.0
	449.98	449.98	39.00
	449.98	449.98	18.92
	449.98	449.98	16.92
	449.98	449.98	13.90
	449.98	449.98	11.88
	449.98	449.98	10.98
	449.98	449.98	9.45
	449.98	449.98	0.00
	449.98	449.98	5.53
	449.98	449.98	7.46
	449.98	449.98	8.86
	449.98	449.98	11.99
	449.98	449.98	16.17
	449.98	449.98	21.92
	449.98	449.98	29.56

DATE HIDRAULICE:		HIDRAULIC DATA:	
-Inaltimea de apa in podet:	h=0.68m	-Hydraulic height:	h=0.68m
-Perimetru util:	P=3.34m	-Perimeter:	P=3.34m
-Ara utilitat:	A=1.58m ²	-Water flow area:	A=1.58m ²
-Viteza de curgere a apei:	V=2.57m/s	-Water flow speed:	V=2.57m/s

NOTA Numar de elemente prefabricate		NOTE Number of precast section	
-Cadre prefabricate:	C2: 14buc.	-Prefabricated frames:	C2: 14pccs.
-Aripi prefabricate:	A2: 2buc.	-Prefabricated wings:	A2: 2pccs.
-Timpane prefabricate:	T2: 2buc.	-Head-wall:	T2: 2pccs.

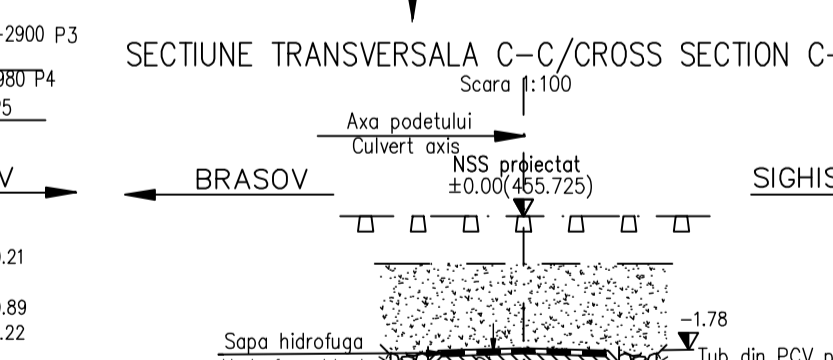
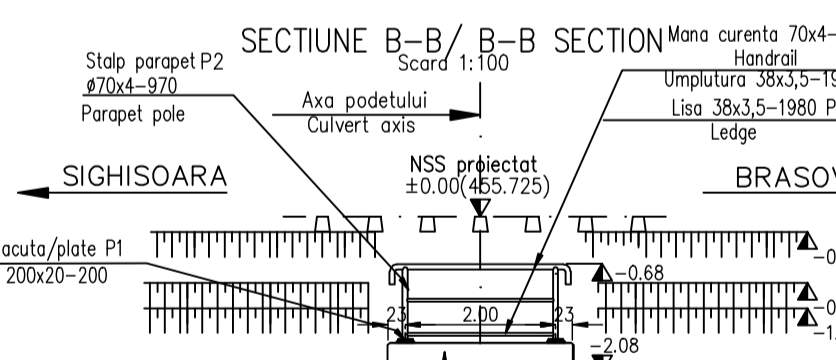


MATERIAL METALIC PENTRU CONFECTIONAREA PARAPETULUI PODETULUI
THE METALLIC MATERIAL TO BUILD PARAPET OF CULVERT

Poz. / Piece	Denumirea materialului / The denomination of the material	Buc. /	Sectione / Section	Long. / Long. (mm)	kg/m / kg/buc	kg / kg
P1	Placuta prindere / Clamping plate	4	200x20	200	31.40	6.28
P2	Stip parapet EN 10297 - E275 / Parapet pole	4	70x4	970	6.51	6.32
P3	Mara surantii EN 10297 - E275 / Handrail	2	70x4	2900	6.51	18.88
P4	Umpitura EN 10058 / Filling	2	38x3,5	1980	2.98	5.90
P5	Lisa EN 10058 / Ledger	2	38x3,5	1980	2.98	5.90
Intr. partial / Partially total						111.74
Sudura 2% / Welding 2%						2.24
TOTAL						115

MATERIAL METALIC PENTRU CONFECTIONAREA PARAPETULUI TIMPANULUI
THE METALLIC MATERIAL TO BUILD PARAPET OF TIMPAN

Poz. / Piece	Denumirea materialului / The denomination of the material	Buc. /	Sectione / Section	Long. / Long. (mm)	kg/m / kg/buc	kg / kg
P1'	Placuta prindere / Clamping plate	4	200x20	200	31.40	6.28
P2'	Stip parapet EN 10297 - E275 / Parapet pole	4	70x4	970	6.51	6.32
P3'	Mara surantii EN 10297 - E275 / Handrail	2	70x4	1600	6.51	10.4
P4'	Umpitura EN 10058 / Filling	2	38x3,5	900	2.98	2.68
P5'	Lisa EN 10058 / Ledger	2	38x3,5	900	2.98	2.68
Total partial / Partially total						82.10
Sudura 2% / Welding 2%						1.64
TOTAL						83.00



LEGENDA BETOANELOR/CONCRETE LIST

- Beton armat in elemente prefabricate / Reinforced concrete in the prefabricated elements
- Beton simplu in fundatia elementelor prefabricate si a orizilor / Plain concrete in the prefabricated elements and wings
- Beton simplu de panta in panta si in rigla drenajului / Plain concrete slope and near the gutter drain

NOTA:

- Prezentul plan sa-i intocmit pe baza urmatoarelor date:
- Proiectul corespunde la convotiile de calcul UC (LM7) si SW(2)
- La executie se vor respecta cu strictitate prevederile din Normele pentru producerea betonului si executarea lucrarilor din beton, beton armat si beton precomprimat. Partea 2: Executarea lucrarilor din beton, indicativ NE 012/2-2010, for verificarea calitatii lucrarilor si respectarea lor se va face conform normativului CSE-1985.
- Atentie la executie se vor respecta recomandarile din situatia existenta pe teren si cea din proiect se va respecta proiectul.
- Constructia se inlocuieste in categoria de importanta B (constructii de importanta deosebita), modelul 1 de asigurare a calitatii si clasei de importanta B, conform HG 768/1997.
- Proiectul va fi verificat la exigentele AA2; B2; D2; D2.
- Se atentioneaza in mod deosebit clientii asupra obligativitatii rezervarii elevatiilor prefabricate pe blocul de fundatie prin intermediul unui strat de mortar de ciment pentru a se realiza un contact perfect pe toata suprafata intre tabele prefabricate si fundatie. Se interzice rezerveza direct la strat de mortar de ciment.

NOTE:

- This plan has been drawn up based on the following data:
- The execution will strictly comply with the provisions of Practice code for concrete production and works execution, reinforced and pre-stressed concrete - Part 2: The execution of concrete works - NE 012/2-2010, and the quality and the reception of the work shall be made according to Norm C. 56-1985.
- 4.8 during the execution, discrepancies are found between the existing situation on site and the situation stated in the project, the designer will be notified.
- The construction has been classified in B category of importance (high important construction), model 1 - ensuring the quality and class of importance B according to CO. 766/97.
- The project will be checked in order to comply with the AA2; B2; D2; D2 requirements.
- Particular attention is drawn on building prefabricated elevations settlement on block foundation through a layer of cement mortar to achieve a perfect contact over the entire surface between precast and foundation base. Propping is prohibited without direct layer of cement mortar.

Index / Index	Date / Data	Modification / Modificari	Author / Autor	Approved / Aprobat
A	12.2011	Revizie 1	Andreea Ditu	



CLIENT / CLIENT: C.N.C.F. "C.F.R." - S.A.

Approved / Aprobat	Project manager / Conducator proiect	Date / Data	Signature / Semnatura
	R. Lizza		
	C. Gambell		
	V. Kallimontis		

Approved / Aprobat	Responsible / Responsabil	Date / Data	Signature / Semnatura
	A. Dinulescu Stancu	12.2011	
	Andreea Ditu	12.2011	

REHABILITAREA LINII DE CALD FERATA BRASOV - SIMERIA, PERE COMPONENTA A COLONELII IV PAN EUROPEAN, PENTRU CIRCULATIA TREBURILOR CU VITEZA MAXIMA DE 160 KM/H, SECTIUNEA : BRASOV - SIGHISOARA

Denumire desen / Drawing Title:	STATIA / STATION ARCHITECTURA
	PODET - KM 258+678.712/ BRIDGE KM 258+678.712
	DISPOZITIE GENERALA / GENERAL LAYOUT

Codificator / Codification System	Scara / Scale	LOT / LOT	Nr. / Nr.
	1:500		01/01

