

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

Poz. Piece	Denumirea materialului / The denomination of the material	Buc.	Sectie / Section	Lung. / Long. (mm)	Sectie / Section	kg/ml	kg/buc	kg
P1	Placa prindere / Clamping plate	4	200x20	200	31.40	6.28	25.12	
P2	Stap parapet EN 10297 - E275 / Parapet pole	4	70x4	970	6.51	6.32	25.26	
P3	Mano curenta EN 10297 - E275 / Handrail	2	70x4	2900	6.51	18.88	37.76	
P4	Umplutura EN 10058 / Filling	2	38x3,5	1980	2.98	5.90	11.80	
P5	Lisa EN 10058 / Ledge	2	38x3,5	1980	2.98	5.90	11.80	
Total partial / Partialiv total							111.74	
Sudura 2% / Welding 2%							2.24	
TOTAL kg							115	

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

Poz. Piece	Denumirea materialului / The denomination of the material	Buc.	Sectie / Section	Lung. / Long. (mm)	Sectie / Section	kg/ml	kg/buc	kg
P1'	Placa prindere / Clamping plate	4	200x20	200	31.40	6.28	25.12	
P2'	Stap parapet EN 10297 - E275 / Parapet pole	4	70x4	970	6.51	6.32	25.26	
P3'	Mano curenta EN 10297 - E275 / Handrail	2	70x4	1600	6.51	10.4	21.00	
P4'	Umplutura EN 10058 / Filling	2	38x3,5	800	2.98	2.4	4.80	
P5'	Lisa EN 10058 / Ledge	2	38x3,5	800	2.98	2.4	4.80	
Total partial / Partialiv total							80.98	
Sudura 2% / Welding 2%							1.62	
TOTAL kg							83.00	

NOTA:
1. Prezentul plan s-a intocmit pe baza urmatoarelor date:
- plan de situatie
- profil in lung
- profil transversal
- fisă podului
- calcul hidraulic
- date culise pe teren

2. Podul corespunde la convoaiele de calcul UIC (LM71 si SW/2)

3. La executie se vor respecta cu strictete prevederile din "Normativ pentru producerea betonului si executarea lucrarilor din beton, beton armat si beton precomprimat. Partea 1: Producerea betonului", indicativ NE 012/1-2007 si "Normativ pentru producerea betonului si executarea lucrarilor din beton, beton armat si beton precomprimat. Partea 2: Executarea lucrarilor din beton", indicativ NE 012/2-2010, iar verificarea calitatii lucrarilor si recepţionarea lor se va face conform normativului C56-1985.

4. Daca la executie se vor constata neconcordante între situatiile existente pe teren si cea din proiect se va anunta proiectantului.

5. Constructia se incadreaza in categoria de importanta B (constructii de importanta deosebita), modelul 1 de asigurare a calitatii si clasa de importanta B, conform HG 766/1997.

6. Proiectul va fi verificat la exigentele A4.2; B2.2; D2.2.

7. Se atrage in mod deosebit atenta asupra obligativitatii rezemarii elevatoarelor prefabricate pe blocul de fundatie prin intermediul unui strat de mortar de ciment pentru a se realiza un contact perfect pe toata suprafata între tapia prefabricatului si fundatie. Se interzice rezemarea directa fara strat de mortar de ciment.

LEGENDA BETOANELOR UTILIZATE LA PODET:
LEGENDA OF CONCRETES USED FOR CULVERT:

- Beton armat in elementele prefabricate in general (cadre, aripi, timpane) / Concrete for prefabricated elements generally (frames, wings, tympans) C35/45-CEM II/A-S 32,5-(XC4+XF3+XA1)-A/C=0,50-Dmax 22-CI 0,20
- Beton in fundatiile podului, a elementelor de racordare (aripi), pereti, canal, put / Concrete for the foundations of culvert, of connecting elements (wings), in reventment, channel, well C25/30-CEM II/A-S 32,5-(XF1)-A/C=0,50-Dmax 32-CI 0,20
- Beton in rigola drenurilor / Concrete for the drain C 25/30 -CEM II/A-S 32,5-(XC4+XF3+XA1)-A/C=0,50-Dmax 32-CI 0,20
- Beton in stratul de protectie a hidroizolatiei / Concrete for waterproofing protection layer C 25/30 -CEM II/A-S 32,5-(XC4+XF3)-A/C=0,50-Dmax 16-CI 0,20

NOTA:
1. This plan has been drawn up based on the following data:
- Lay-out Plan
- Longitudinal Profile
- Cross-section Profile
- Bridge's File
- Hydraulic determination

2. The culvert corresponds to the UIC determination convoys (LM71 and SW/2).

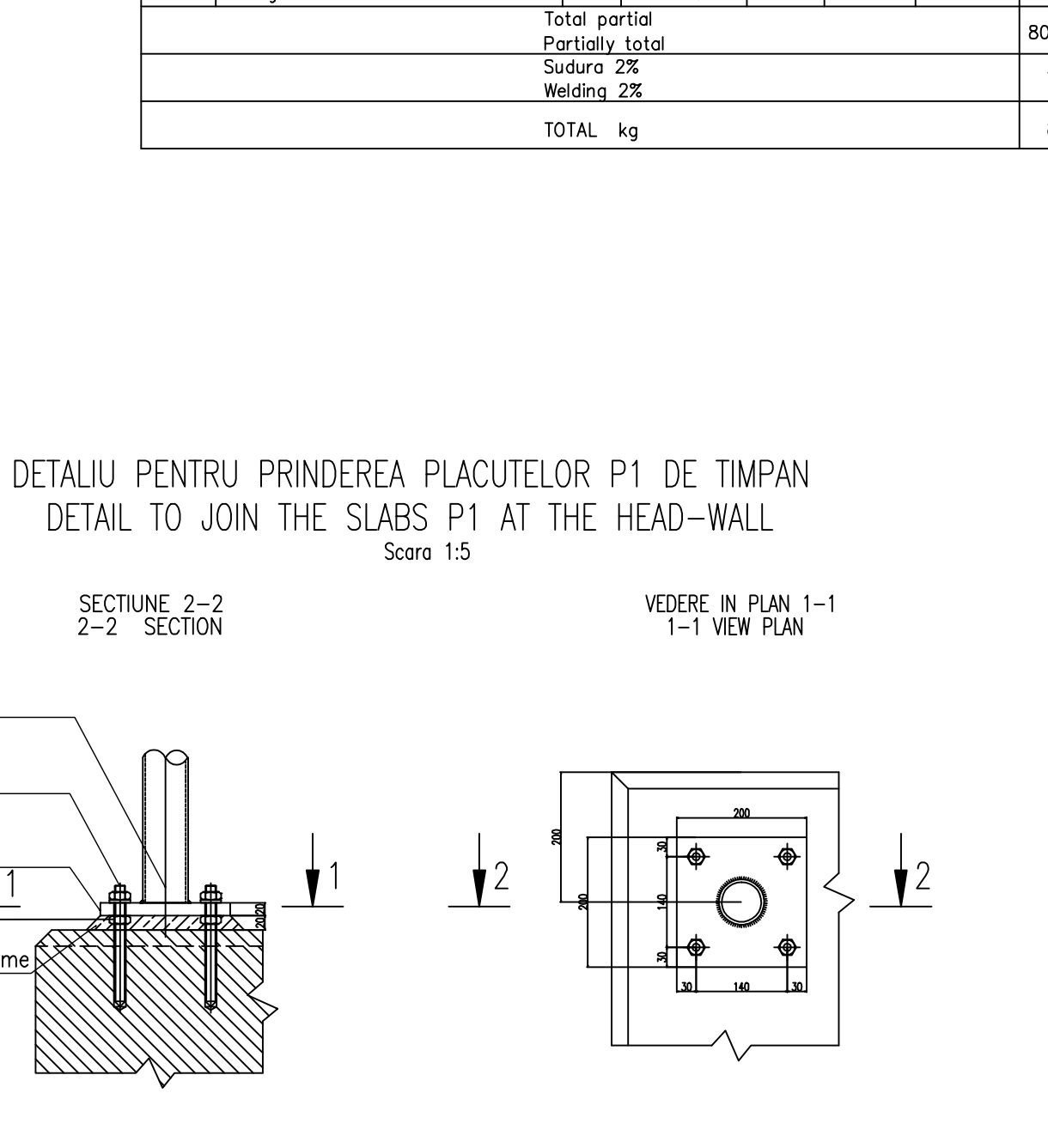
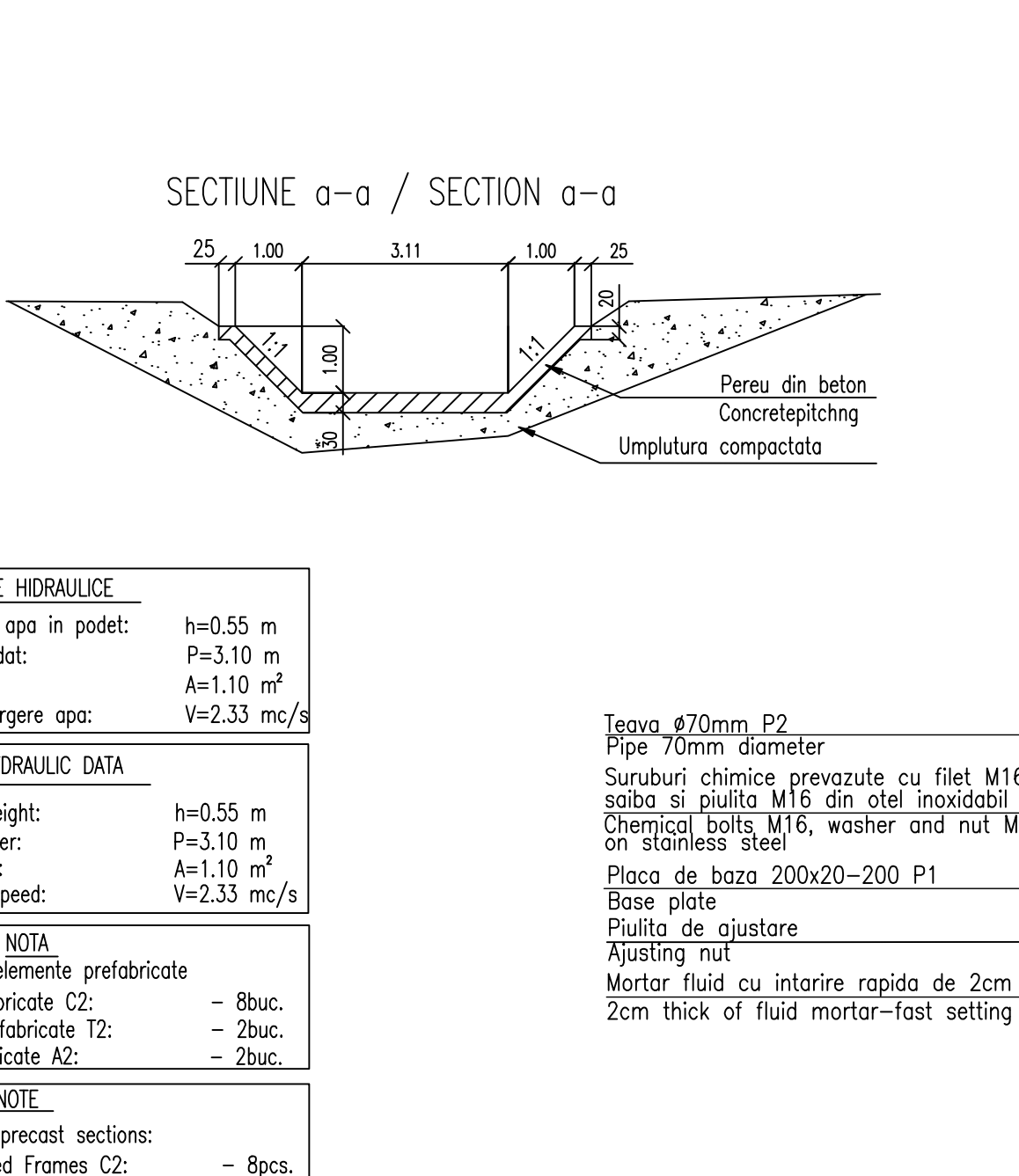
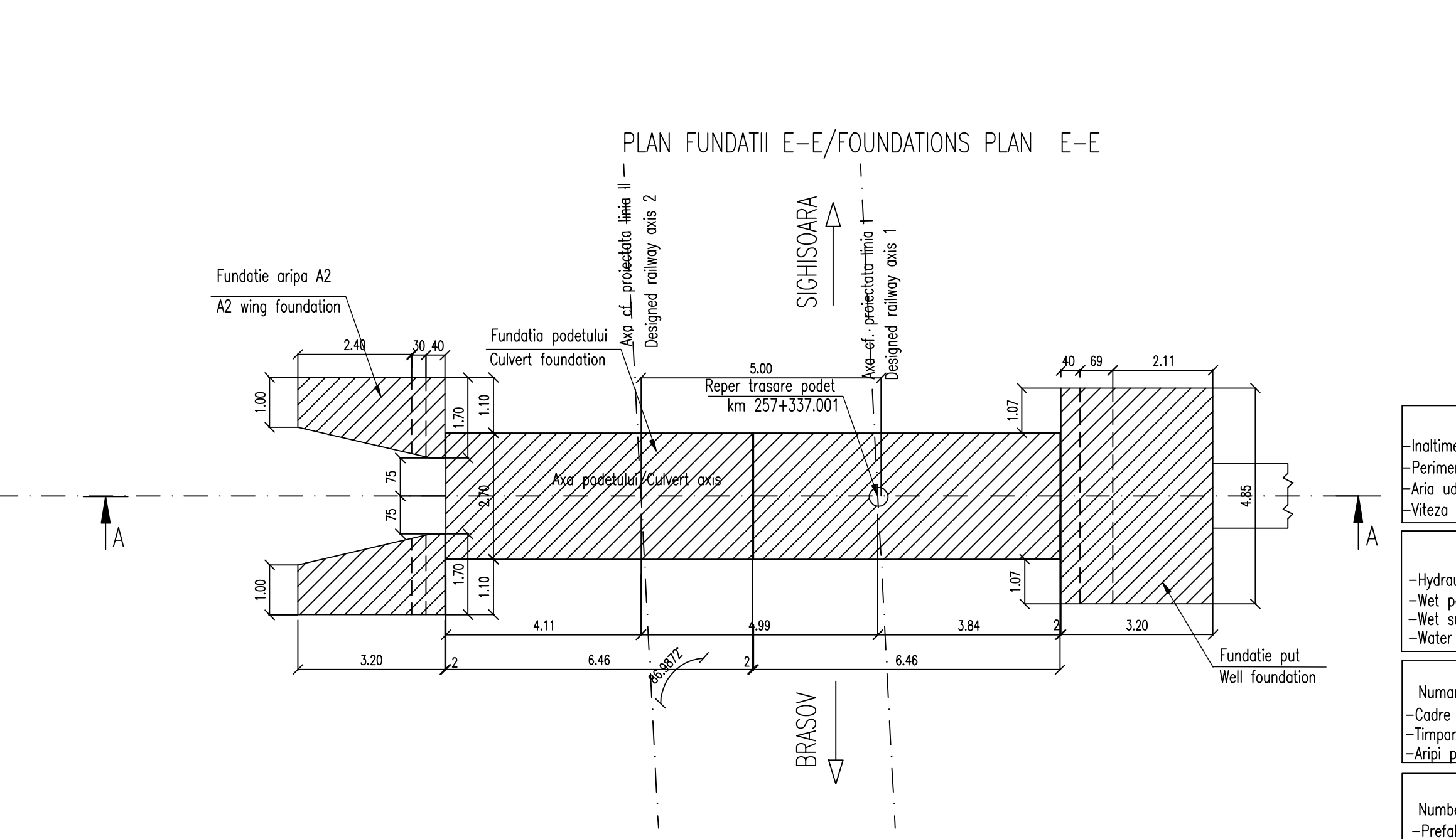
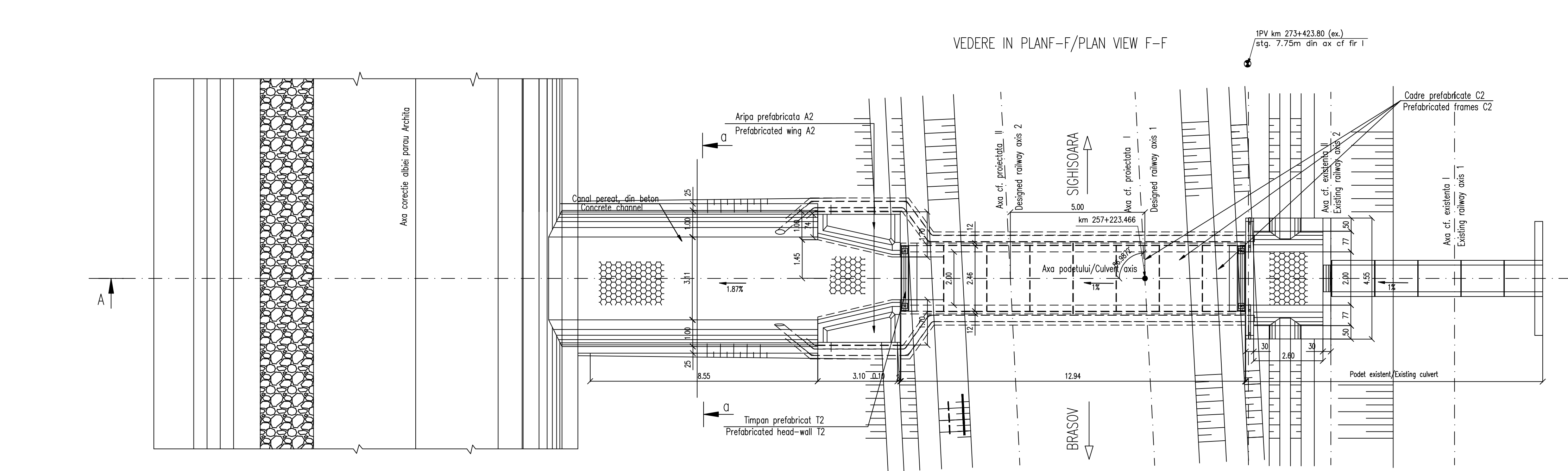
3. The execution will strictly comply with the provisions of "Practice code for the concrete production and works execution, reinforced and pre-stressed concrete - Part 1: Practice code for concrete production" NE 012/1-2007 and "Practice code for the concrete production and works execution, reinforced and pre-stressed concrete - Part 2: The execution of concrete works" NE 012/2-2010, and the quality and the reception of the works shall be made accordingly to Norm C 56-1985.

4. If during the execution, discrepancies are found between the existing situation on site and the situation stated in the project, the designer will be notified.

5. The construction has been classified in B category of importance (high important constructions), model 1-ensuring the quality and class of importance B according to G.O. 766/97.

6. The project will be checked in order to comply with the A4.2; B2.2; D2.2 requirements.

7. Particular attention is drawn on binding 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.



DATE HIDRAULICE
-Inaltimea de apa in podet: h=0,55 m
-Perimetru udut: P=3,10 m
-Aria uduta: A=1,10 m²
-Viteza de curgere apa: V=2,33 mc/s

HYDRAULIC DATA
-Hydraulic height: h=0,55 m
-Wet perimeter: P=3,10 m
-Wet surface: A=1,10 m²
-Water low speed: V=2,33 mc/s

NOTA
-Numar de elemente prefabricate
-Cadre prefabricate C2: - 8buc.
-Timpane prefabricate T2: - 2buc.
-Aripi prefabricate A2: - 2buc.

NOTE
-Number of precast sections:
-Prefabricated frames C2: - 8pcs.
-Head-wall T2: - 2pcs.
-Prefabricated wings A2: - 2pcs.

NOTA:
Se interzice copierea, difuzarea, imprumutarea sau utilizarea in alte scopuri fara permisiunea ARES LIDER COMPANY sau proprietar al desenului
This drawing is forbidden to be copied, lent or user in other purposes, than those previously approved by ARES LIDER COMPANY as owner