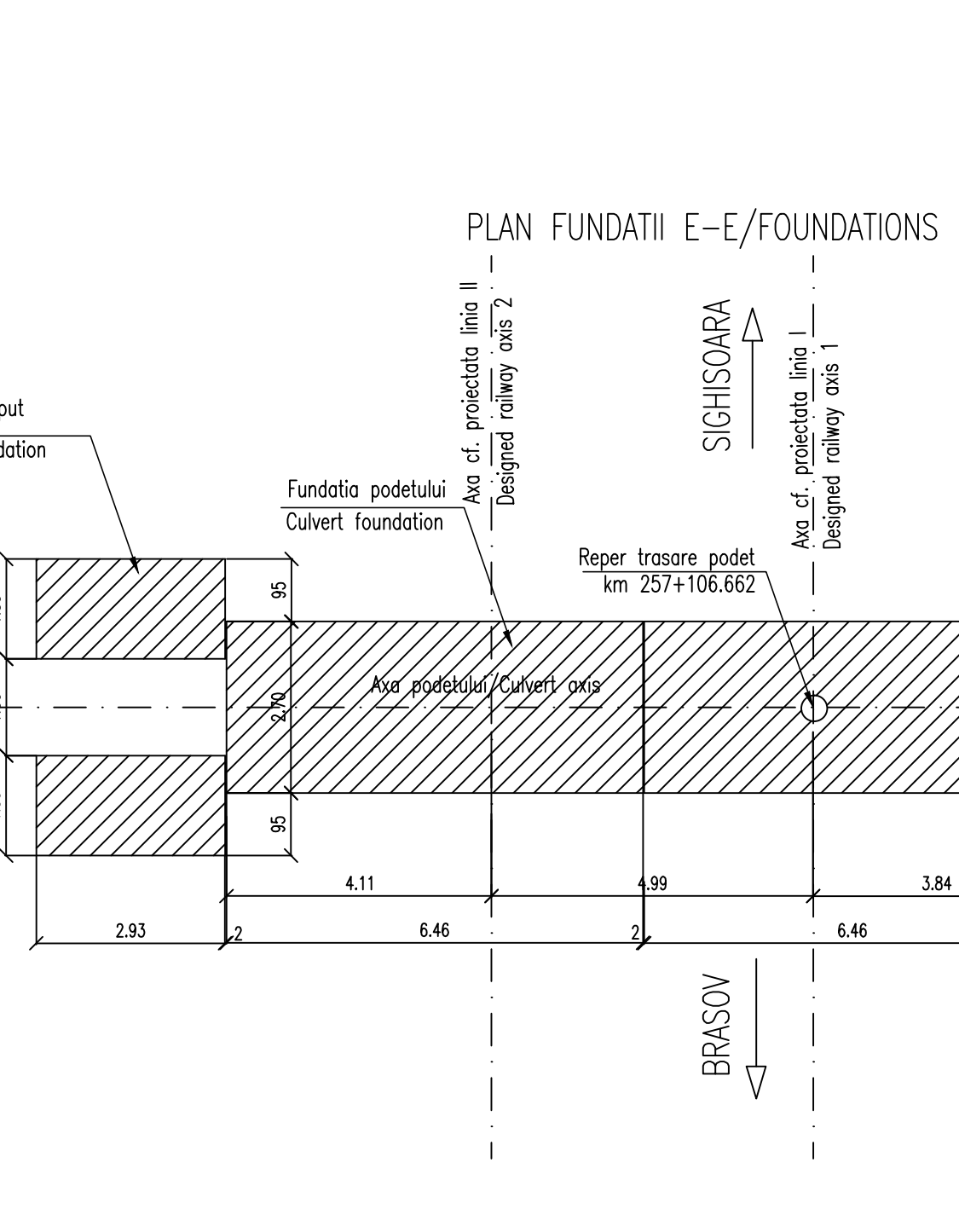


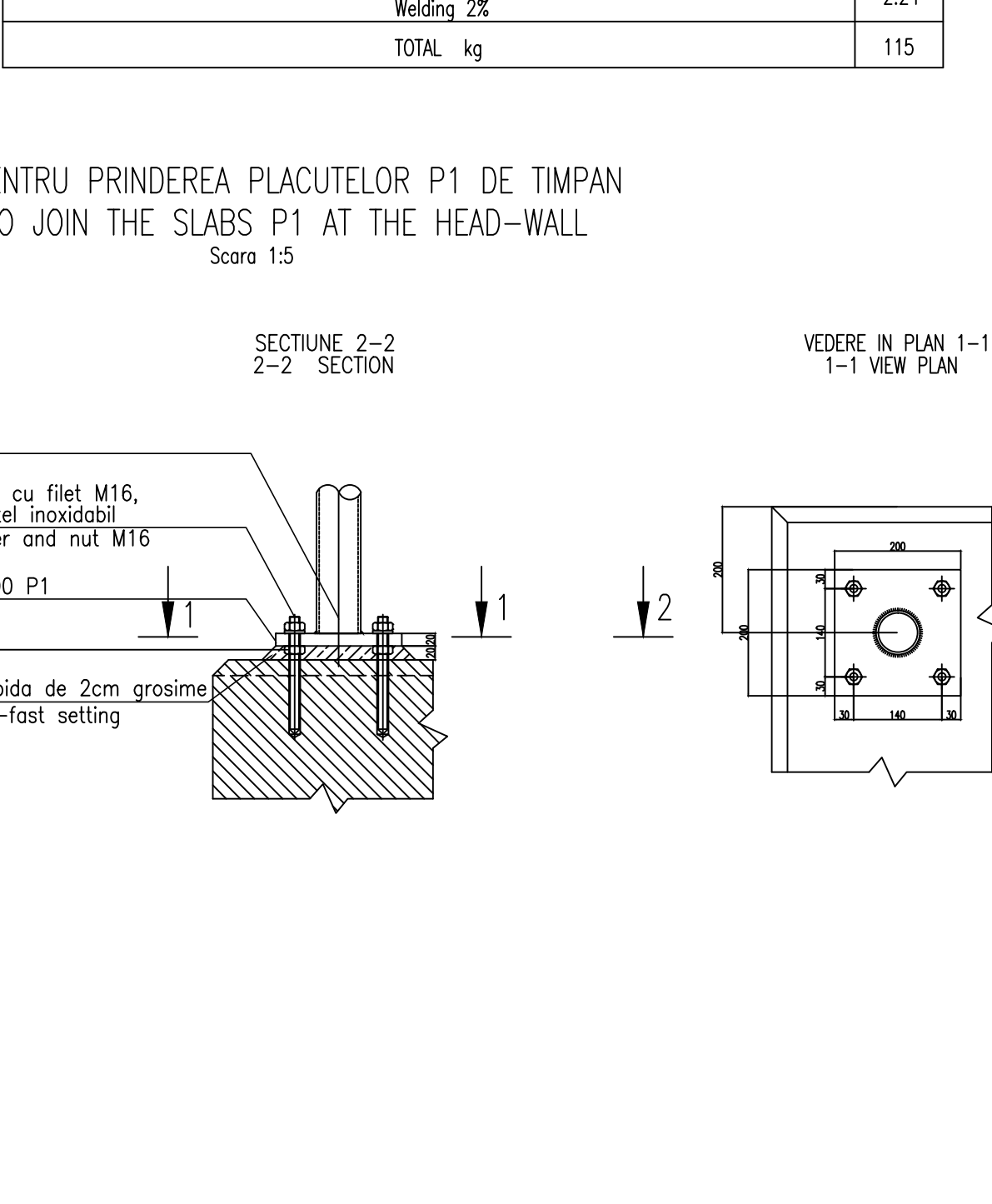
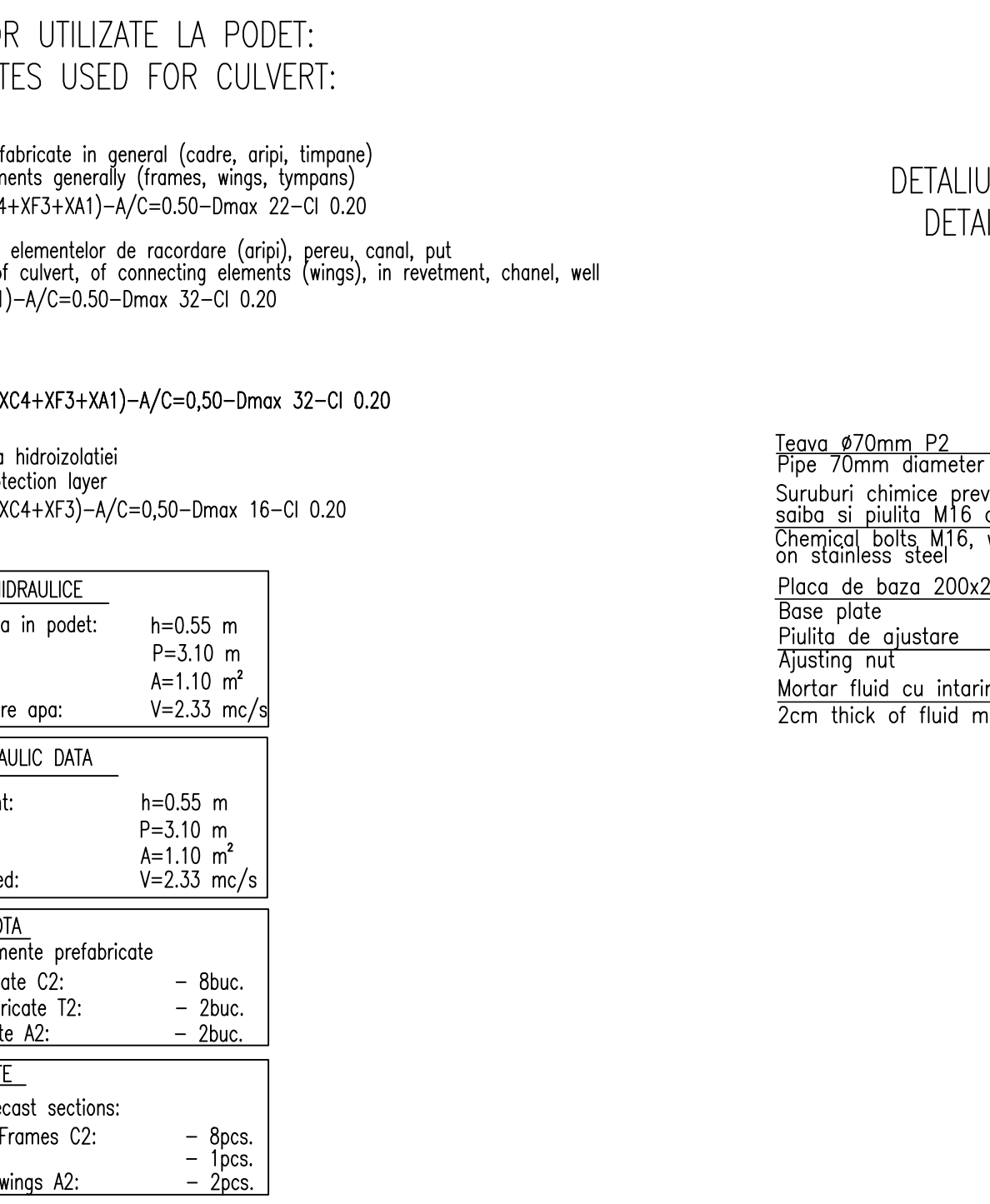
MATERIAL METALIC PENTRU CONFECTIONAREA PARAPETULUI / THE METALLIC MATERIAL TO BUILD PARAPET OF CULVERT

Cant. / Qty.	Denumirea materialului / The denomination of the material	Buc. / Pcs.	Sectiune / Section	Sectiune/Section	
				kg/ml	kg/buc
P1	Placuta prindere / Clamping plate	4	200x20	200	31.40
P2	Mona curenta EN 10297 - E275 / Parapet pole	4	70x4	970	6.51
P3	Mona curenta EN 10297 - E275 / Parapet pole	2	70x4	2900	6.51
P4	Umplutura EN 10058 / Filling	2	38x3,5	1980	2.98
P5	Lisă EN 10058 / Ledge	2	38x3,5	1980	2.98
Totali partiali / Partially total				111.74	
Sudura 2x / Welding 2x				2.24	
TOTAL				115	



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

- Beton armat in elementele prefabricate in general (cadre, aripi, timpone) / Concrete for prefabricated elements generally (frames, wings, tympons)
- Beton in fundatiile podetului, a elementelor de racordare (aripi), pereti, canal, put / Concrete for the foundations of culvert, of connecting elements (wings), in revetment, channel, well
- Beton in rigola drenurilor / Concrete for the drainage
- Beton in stratul de protectie a hidroizolatiei / Concrete for waterproofing protection layer



NOTE:

- This plan has been drawn up based on the following data:
  - Lay-out Plan
  - Longitudinal Profile
  - Cross-section Profile
  - Bridge's File
  - Hydraulic determination
  - Field Data
- The culvert corresponds to the UIC determination conveys (LM71 and SW/2).
- 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.
- 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.
- 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.
- The project will be checked in order to comply with the A4.2, B2.2, D2.2 requirements.
- 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.

NOTA:

- Prezentul plan s-a intocmit pe baza urmatoarelor date:
  - plan de situatie
  - profil in lung
  - profil transversal
  - riso podului
  - calcul hidrolic
  - date culesse pe teren
- Podetul corespunde la convoiile de calcul UIC (LM71 si SW/2)
- 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 receptionarea lor se va face conform normativului C56-1985.
- Daca la executie se vor constata neconcordante intre situatia existenta pe teren si cea din proiect se va anunta proiectantul.
- 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.
- Proiectul va fi verificat la exigentele A4.2, B2.2, D2.2.
- Se atrage in mod deosebit atentie asupra obligatiunii rezemarii 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 tapia prefabricatului si fundatie. Se interzice rezemarea directa fara strat de mortar de ciment.

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D					
C					
B					
A	12.2011	REVIZIA 1	Adrian Sabo		
Indice	Data	Modificari / Modification/Revision	Proiectant / Designer	Aprobat Consultant / Approved Consultant	Aprobat CFR / Approved CFR



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

CONSULTANT / CONSULTANT		Data	Semnatura
Aprobat / Approved	Sef proiect / Project manager		R. Liuzza
Aprobat / Approved	Coordonator Sectiune 1 / Section 1 Coordinator		C. Gambelli
Verificat / Checked	Expert Cheie / Key Expert		V.Kalidromitis

SUBCONTRACTANT / SUBCONTRACTOR		Data	Semnatura
Aprobat / Approved	Responsabil Subcontractant / Subcontractant Responsible	07.2011	A. Dinulescu Stanciu
Intocmit / Elaborated	Proiectant / Designer	07.2011	Sabo Adrian

Reabilitarea liniei de cale ferata Brasov - Simeria, parte componenta a coridorului IV Pan European, pentru circulatia trenurilor cu viteza maxima de 160 km/h, Tronsoanel: Brasov - Sighisoara

Rehabilitation of the railway line Brasov - Simeria, component Part of the IV Pan-European Corridor, for the trains circulation with maximum speed of 160 km/h, Tronsoanel: Brasov - Sighisoara

Faza / Phase: P.Th. / T.D.

Denumire desen / Drawing Title: STATIA / STATION ARCHITA

PODET km 257+106.662 - DISPOZITIE GENERALA / CULVERT km 257+106.662 - GENERAL LAYOUT

Codificare / Codification System	Scara / Scale 1:100	LOT / LOT	Nr. / No 01/01
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E A 5 1 0 1 C 1 4 P A P O 0 7 4 1 0 0 1 1