

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

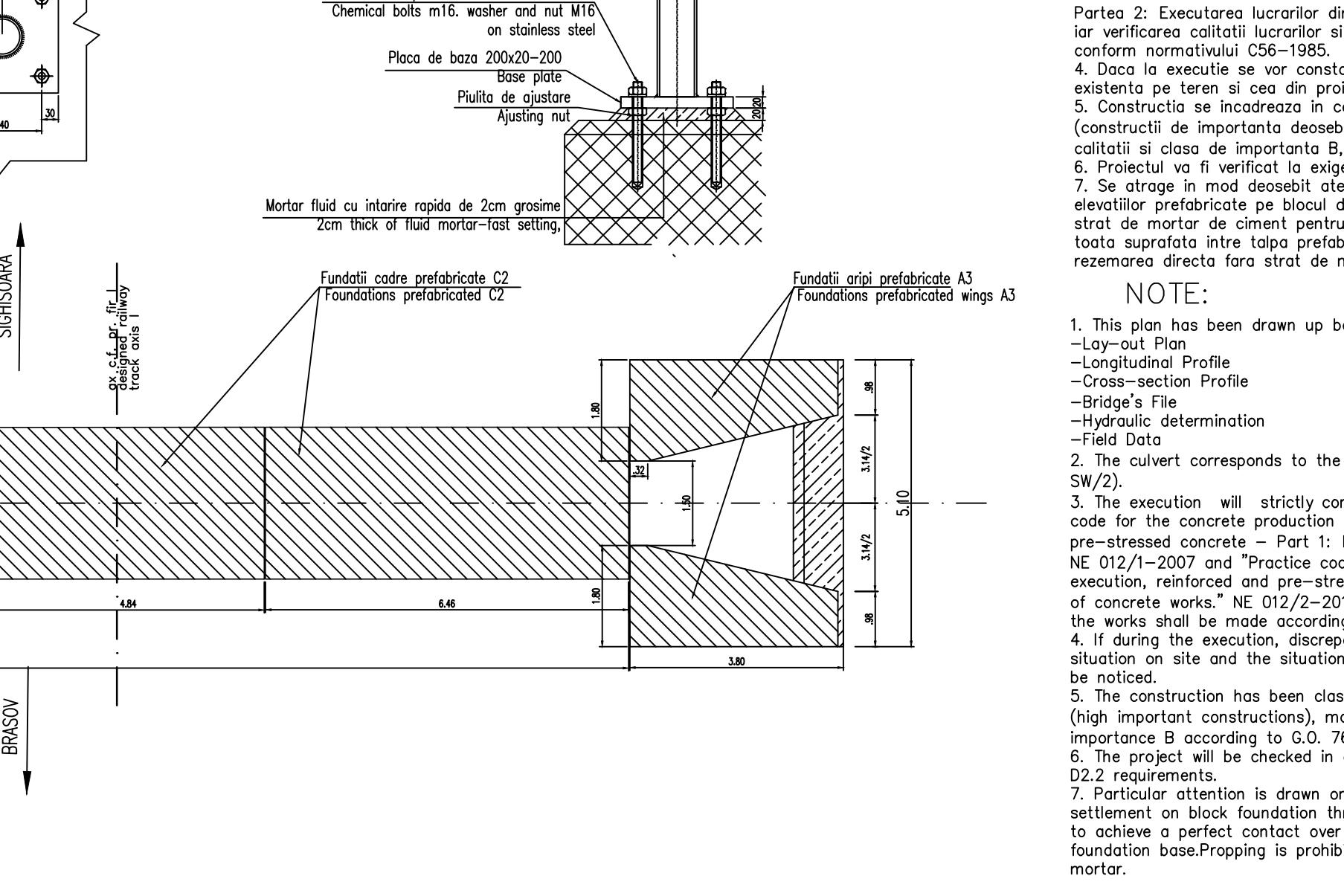
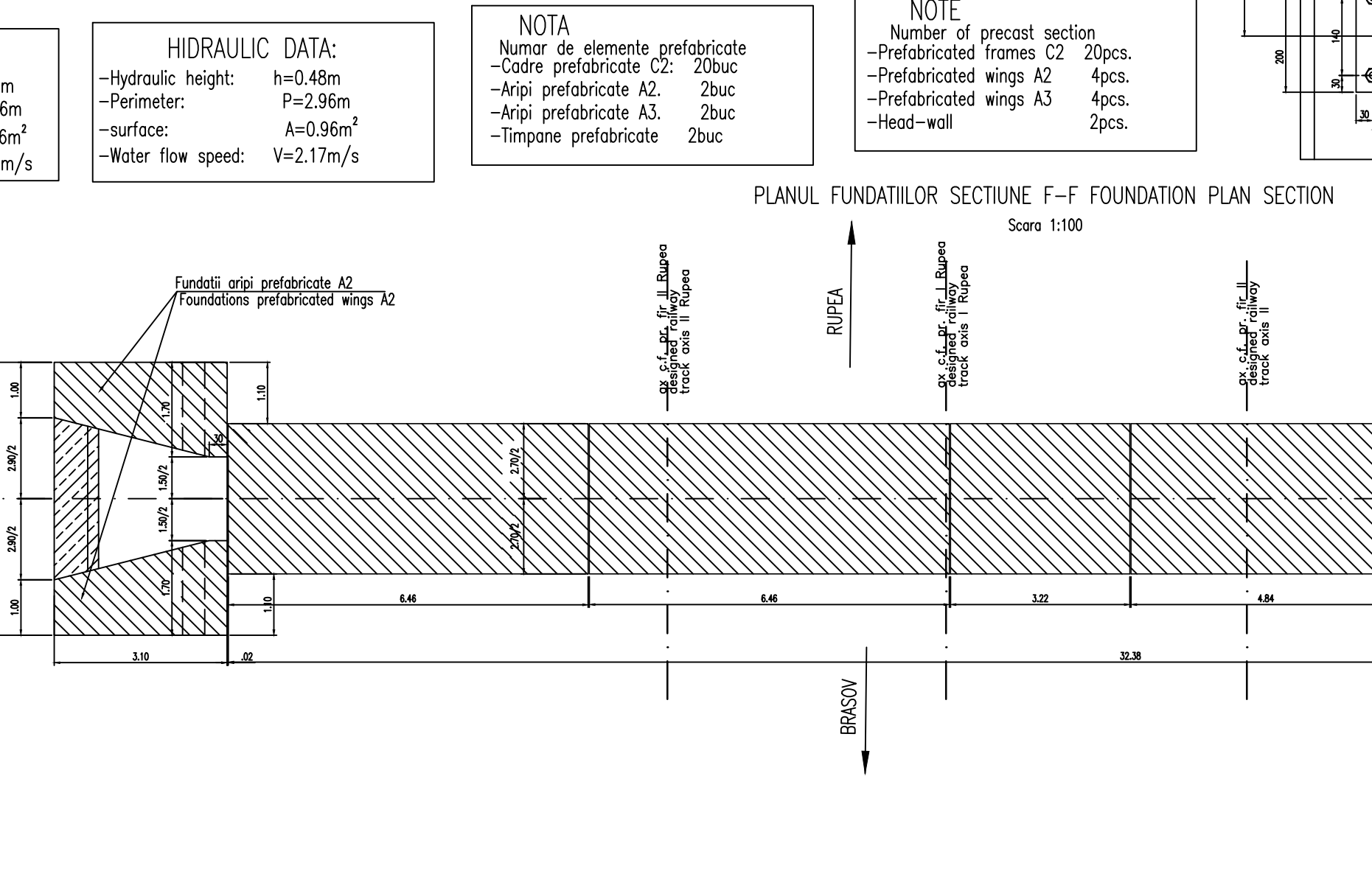
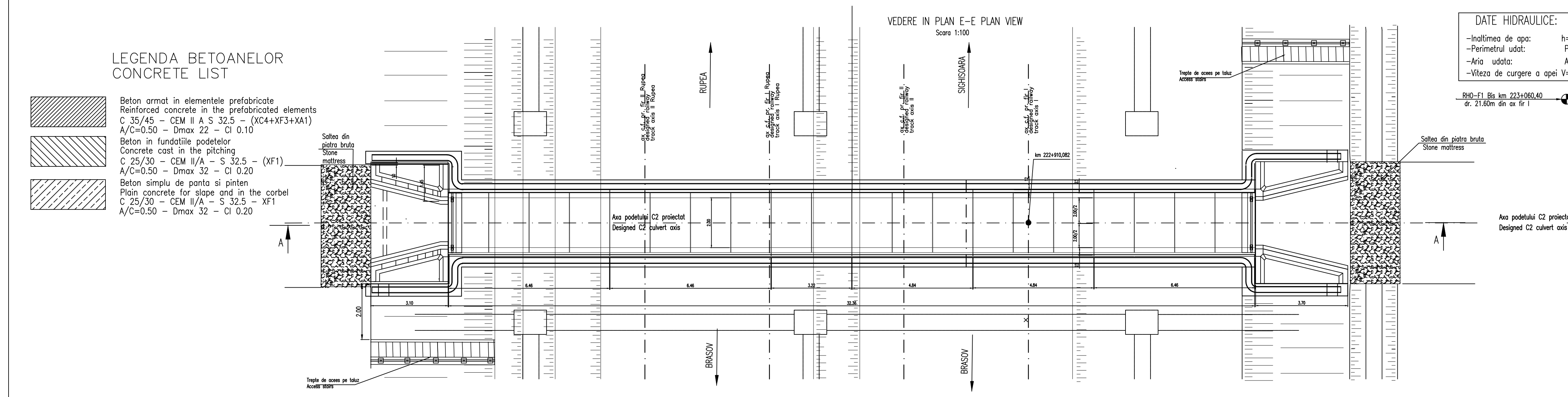
Poz. / Place	Denumirea materialului / The denomination of the material	Buc.	Lung. / Long. (mm)	Sectione / Section			
				kg/ml	kg/buc	kg	
P1	Placuta prindere / Clamping plate	4	200x20	200	31.40	6.28	25.12
P2	Stalp parapet EN 10297 - E275 / Parapet pole	4	70x4	970	6.51	6.32	25.26
P3	Mana curenta EN 10297 - 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	Liso EN 10058 / Ledge	2	38x3,5	1980	2.98	5.90	11.80
Total partial / Partially total							111.74
Sudura 2% / Welding 2%							2.24
TOTAL kg							115

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C					
B					
A	12.2011	Revizia 1	Ioan Rentea	Aprobat Consultant	Aprobat CFR
Indice / Index	Date / Date	Modificare / Modification/Revision	Proiectant / Designer	Aprobat Consultant / Approved Consultant	Aprobat CFR / Approved CFR


**GUVERNUL ROMANIEI**  
 ROMANIAN GOVERNMENT


**PROIECT FINANȚAT DE UNIUNEA EUROPEA**  
 EUROPEAN UNION FINANCED PROJECT



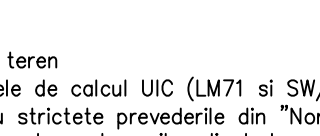
**NOTA:**

- Prezentul plan s-a intocmit pe baza urmatoarelor date:  
- plan de situatie; - profil in lung;  
- profil transversal; - fisu podului  
- calculul hidrolic; - date cuse pe teren
- Podetul corespunde la convoaiele 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 CS6-1985.
- Daca la executie se vor constata neconcordante intre situatia existenta pe teren si cea din proiect se va anunta proiectantul.
- Construcția se inlocuiește în categoria de importanță B (construcții de importanță deosebită), modelul 1 de asigurare a calitatii și clasa de importanță B, conform HG 766/1997.
- Proiectul va fi verificat la exigențele A4.2; B2.2; D2.2.
- Se atrage în mod deosebit atenția asupra obligativității rezemării elevațiilor prefabricate pe blocul de fundație prin intermediul unui strat de mortar de ciment pentru a se realiza un contact perfect pe toată suprafața între tola prefabricată și fundație. Se interzice rezemarea directă fără strat de mortar de ciment.

**NOTE:**

- This plan has been drawn up based on the following data:  
- Lay-out Plan  
- Longitudinal Profile  
- Cross-section Profile  
- Bridge's File  
- Field Data  
- Hydraulic determination
- The culvert corresponds to the UIC determination convoys (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 66-1985.
- 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.

**CLIENT / CLIENT**

 **C.N.C.F. "C.F.R." - S.A.**

**CONSULTANT / CONSULTANT**

Approbat / Approved	ef proiect / Project manager	R. Liuzza	Date / Date	Semn tur / Signature
Approbat / Approved	Coordonator Sec iune 1 / Section 1 Coordinator	C. Gambelli		
Verificat / Checked	Expert Cheie / Checking Expert	V.Kaliđromitis		

**SUBCONTRACTANT / SUBCONTRACTOR**

Approbat / Approved	Responsabil Subconsultant / Subconsultant Responsible	A. Dinulescu Stanciu	08.2011	
Elaborat / Elaborated	Proiectant / Designer	Ioan Rentea	08.2011	

Reabilitarea liniei de cale ferata [ ] a ca a coridorului IV Pan European, pentru circula ia trenurilor cu viteza maxim de 160 km/h, **Tronsonul - 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,  
**Section : Brasov - Sighisoara**

Proiect/Project  
2004/RO/16/P/PA/003  
Faza / Phase:  
P.Th. / T.D.

Denumire desen / Drawing Title :  
**STATIA / STATION RACOS**  
**PODET - KM. 222+910.082 / KM. 222+910.082 - CULVERT**  
**DISPOZITIE GENERALA / GENERAL DISPOSITION**

Codificare / Codification System

Scara / Scale	1:100; 1:5	LOT / LOT	Nr. / No	01 / 01
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E A 5 1 0 1 C 1 2 P A P O 0 3 1 1 0 0 2 1