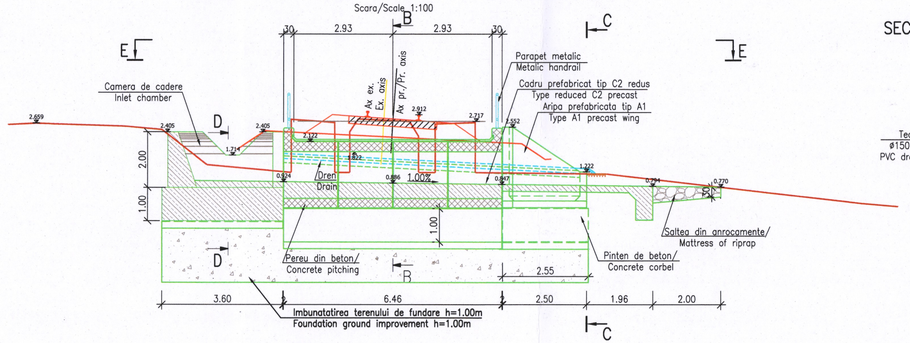
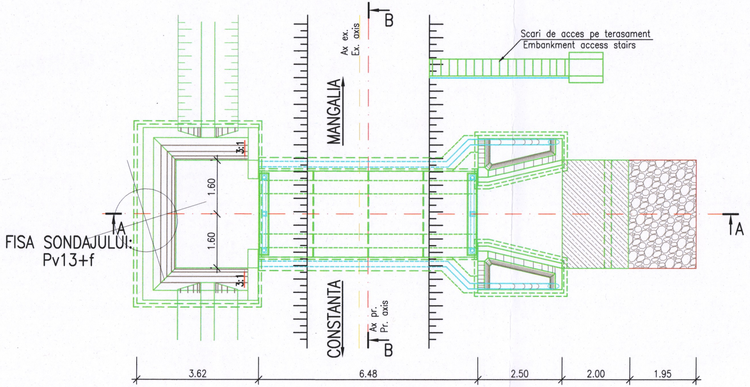
SECTIUNE LONGITUDINALA A–A/A–A LONGITUDINAL SECTION

Scara/Scale 1:100



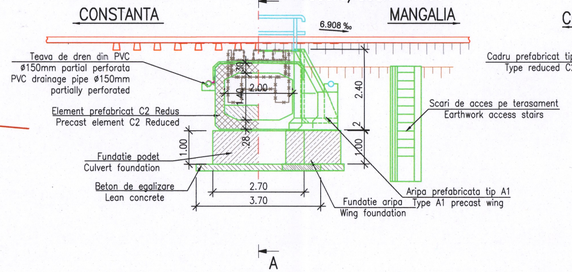
VEDERE PLANA E–E/E–E PLAN VIEW

Scara/Scale 1:100



SECTIUNE TRANSVERSALA B–B/ B–B CROSS SECTION

Scara/Scale 1:100

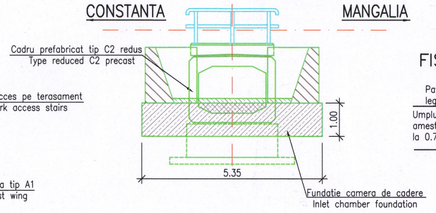


SECTIUNE IN AVAL C–C/ C–C DOWNSTREAM SECTION

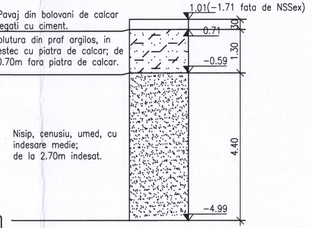
Scara/Scale 1:100

SECTIUNE D–D / D–D SECTION

Scara/Scale 1:100



FISA SONDAJULUI: Pv13+f



NOTA:

1. Prezentul plan s–a intocmit pe baza urmatoarelor date:
   - Studiu topografic;
   - Studiu geotehnic;
   - Raport de Expertiza Tehnica
   - Date culese de pe teren.
2. Pentru realizarea podetului nou se vor executa urmatoarele lucrari:
   - Se va demola podetul existent.
   - Se vor monta elementele prefabricate tip C2 redus, realizate din beton armat, pe o fundatie comuna, din beton armat, de tip fundatie directa.
   - Racordarile cu terasamentul se vor asigura in aval cu aripi prefabricate din beton armat tip A1. In amonte se va realiza o camera de cadere.
   - Se va realiza pereu din beton armat, atat in podet, cat si in zonele cuprinse intre elementele de racordare ale acestuia cu terasamentul (intre aripi).
   - Se vor executa scari de acces pe terasament.
   - Albia se va profila si calibra, atat in amonte, cat si in aval.
3. Lucrarile se vor realiza la adapostul podurilor provizorii tip G.

NOTE:

1. This plan has been drawn up based on the following data:
   - Land survey;
   - Geotechnical study;
   - Technical expert report;
   - Field data.
2. For the construction of the new culvert, the following works will be executed:
   - The existing culvert will be demolished
   - Precast reinforced concrete frames type reduced C2 will be placed on a common direct reinforced concrete foundation;
   - The downstream connection with embankment will be realized with precast reinforced concrete wings A1. Upstream of the culvert will be realized a collection chamber;
   - Inside the culvert and between the precast wings will be realized a concrete pitching;
   - There are provided access stairs on embankment;
   - Riverbed will be calibrated and profiled downstream of the culvert.
3. The works will be carried out under the shelter of temporary bridges type G.

- BETON C30/37 – Clasa de expunere XA1+XC2+XS1+XF3, agregate D_{max} 22. FUNDATII / FOUNDATIONS
- BETON C16/20 – Clasa de expunere X0, agregate D_{max} 16. DREN, BETON DE EGALIZARE, BETON DE PANTA DRAINAGE, LEAN CONCRETE, SLOPE
- BETON C30/37 – Clasa de expunere XC4+XF1, agregate D_{max} 16. SAPA DE PROTECTIE A HIDROIZOLATIEI WATERPROOFING PROTECTION
- BETON C30/37 – Clasa de expunere XC4+XS1+XF3, agregate D_{max} 22. PEREU SI SCARI DE ACCES PITCHING AND ACCESS STAIRS
- BETON C35/45 – Clasa de expunere XC4+XS1+XF3+XA1, agregate D_{max} 22. ELEMENTE PREFABRICATE / PRECAST ELEMENTS

ENTITATE CONTRACTANTA / BENEFICIARY		COMPANIA NAŢIONALĂ DE CĂI FERATE "C.F.R." S.A. ROMANIAN NATIONAL RAILWAY COMPANY	
CONTRACTANT/CONTRACTOR ASOCIEREA/JV: BASCONS IMPEX S.R.L. J40/9877/2001; I.S.P.C.F. S.A. J40/246/1992		DENUMIRE INVESTITIE/ INVESTMENT NAME	"Studiu de Fezabilitate pentru Electrificarea şi Reabilitarea liniei de cale ferată Constanţa - Mangalia" "Feasibility Study for Electrification and Rehabilitation of the Constanta - Mangalia Railway Line"
		SECTIUNE/ SECTION	INTERVAL / SECTION EFORIE NORD - EFORIE SUD
NUME/NAME	SEMNĂTURA/ SIGNATURE	SPECIALITATE/ SPECIALITY	PODURI/PODEŢE / BRIDGE/CULVERT
PROIECTAT/ DESIGNED: ing. Gabriel GORGONETU		OBIECT/ OBJECT	PODEŢ / CULVERT km pr./dsg. 239+702 (km ex. 239+750)
VERIFICAT/ VERIFIED: dr. ing. Carmen BALAN		DENUMIRE PLAN/ NAME PLAN	DISPOZIŢIE GENERALĂ/ GENERAL LAYOUT
AVIZAT/ ADVICED: ing. Marin BAICU			
DATĂ/DATE: 09.2023	SCARĂ/SCALE: 1:100	COD PLAN/ PLAN CODE:	SF 6 SF 08 Pd 02 02 R4