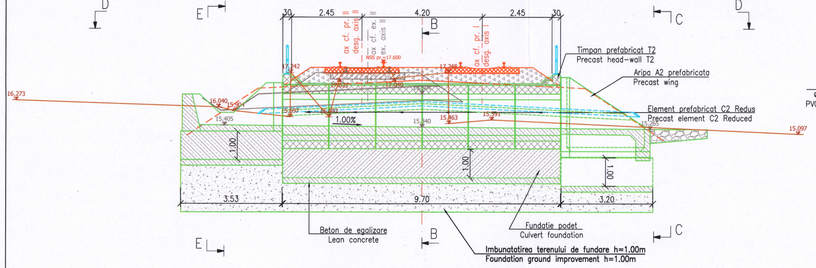
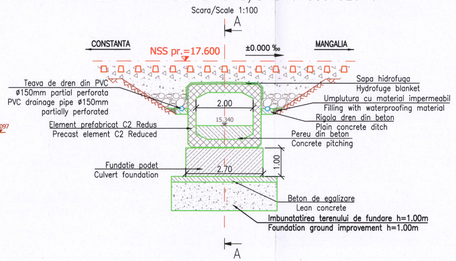
SECTIUNE LONGITUDINALA A–A/A–A LONGITUDINAL SECTION

Scara/Scale 1:100



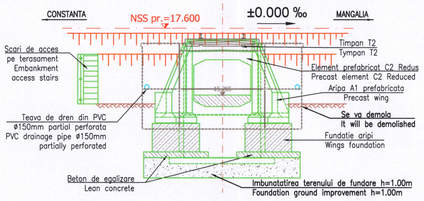
SECTIUNE TRANSVERSALA B–B/B–B CROSS SECTION

Scara/Scale 1:100



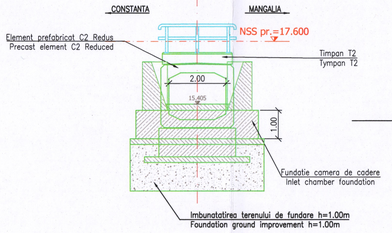
VEDERE TRANSVERSALA C–C/C–C CROSS VIEW

Scara/Scale 1:100

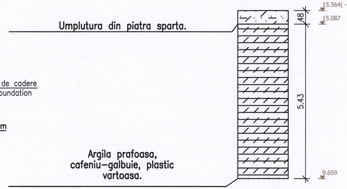


SECTIUNE E–E / E–E SECTION

Scara/Scale 1:100

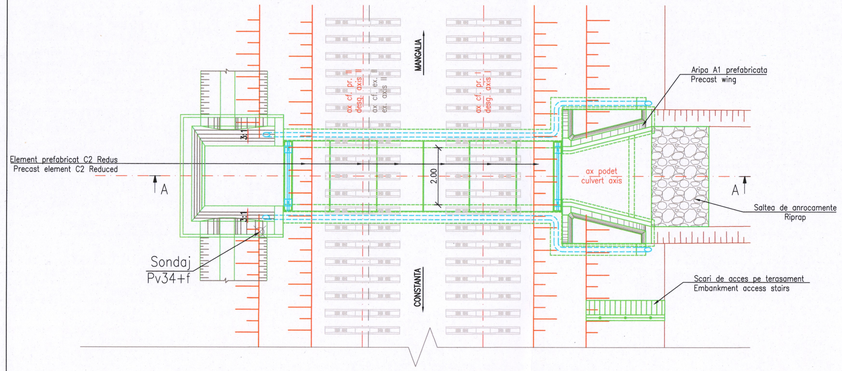


FISA SONDAJULUI: Pv34+f



VEDERE PLANA D–D/D–D PLAN VIEW

Scara/Scale 1:100



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, 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 A2. 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 C2 will be placed on a common direct reinforced concrete foundation;
   - The downstream connection with embankment will be realized with precast reinforced concrete wings A2. Upstream of the culvert will be realized a inlet 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 NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A. ROMANIAN NATIONAL RAILWAY COMPANY
CONTRACTANT/CONTRACTOR ASOCIEREA/JV	BAICONS ÎMPEX S.R.L. J40/8977/2001; I.S.P.C.F. S.A. J40/2446/1992
DENUMIRE INVESTIȚIE/ INVESTMENT NAME	"Studiu de Fezabilitate pentru Electrificarea și Reabilitarea liniei de cale ferată Constanța - Mangalia" "Feasibility Study for Electrification and Rehabilitation of the Constanta - Mangalia Railway Line"
SECȚIUNE/ SECTION	
SPECIALITATE/ SPECIALITY	PODURI/PODEȚE / BRIDGE/CULVERT
OBIECT/ OBJECT	PODEȚ / CULVERT km pr./dsg. 259+570.64 (km ex. 259+615)
DENUMIRE PLAN/ NAME PLAN	DISPOZIȚIE GENERALĂ/ GENERAL LAYOUT
COD PLAN/ PLAN CODE:	SF 6 SF 18 Pd 01 02 R4

	NUME/NAME	SEMNĂTURA/ SIGNATURE
PROIECTAT/ DESIGNED	Ing. Gabriel GORGONEȚU	
VERIFICAT/ VERIFIED	dr. ing. Carmen BĂLAN	
AVIZAT/ ADVICED	Ing. Marin BAICU	
DATĂ/DATE: 09.2023	SCARĂ/SCALE: 1:100	