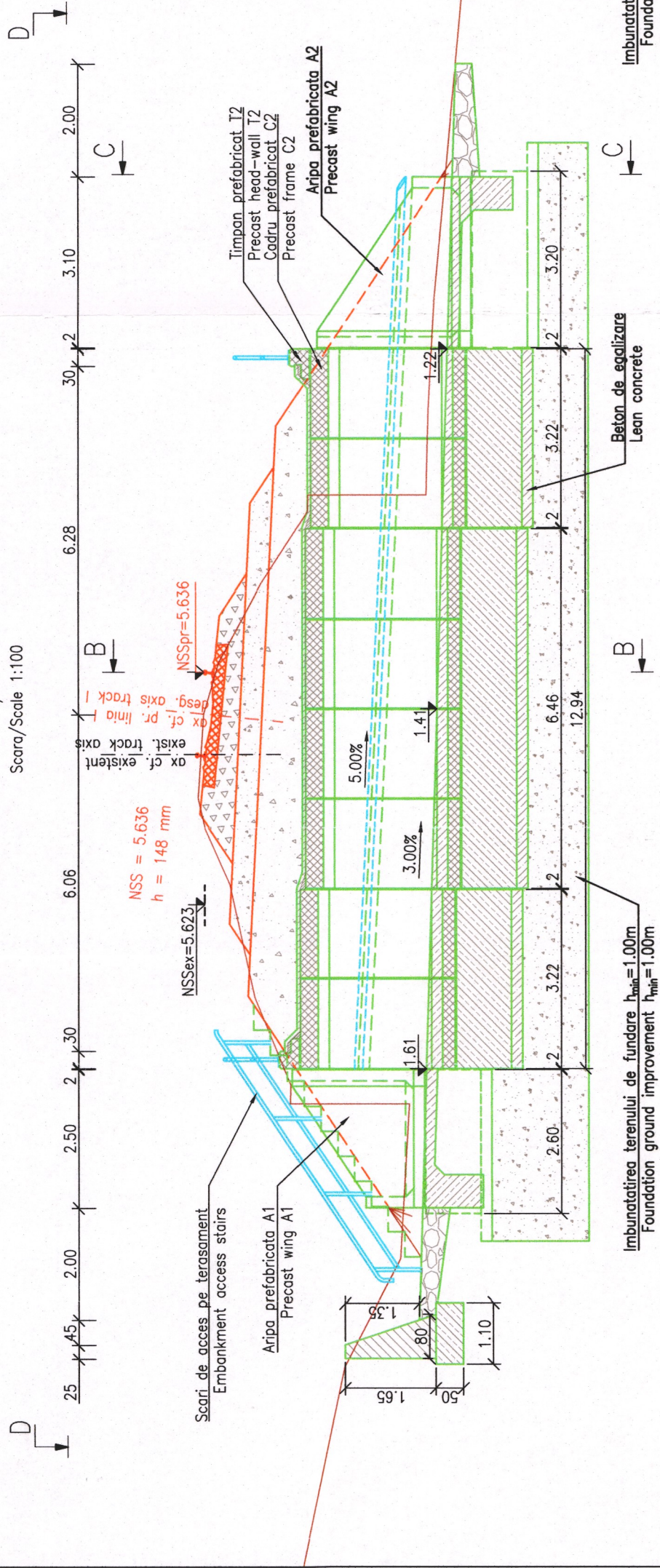
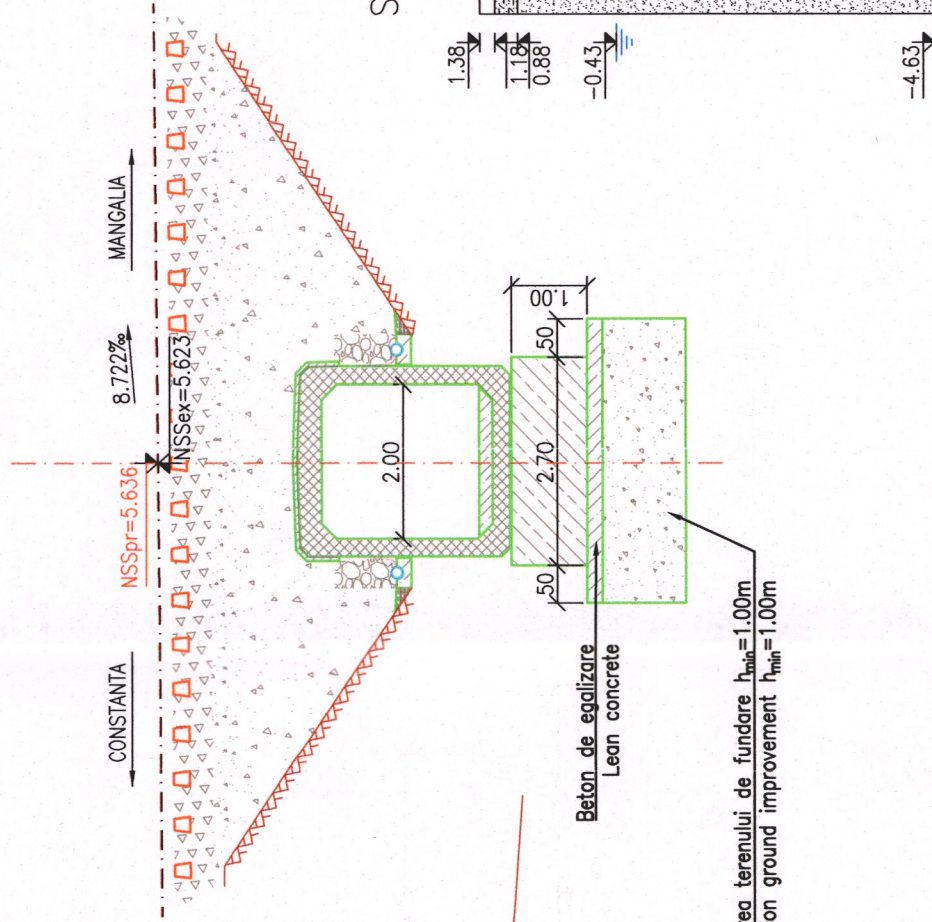


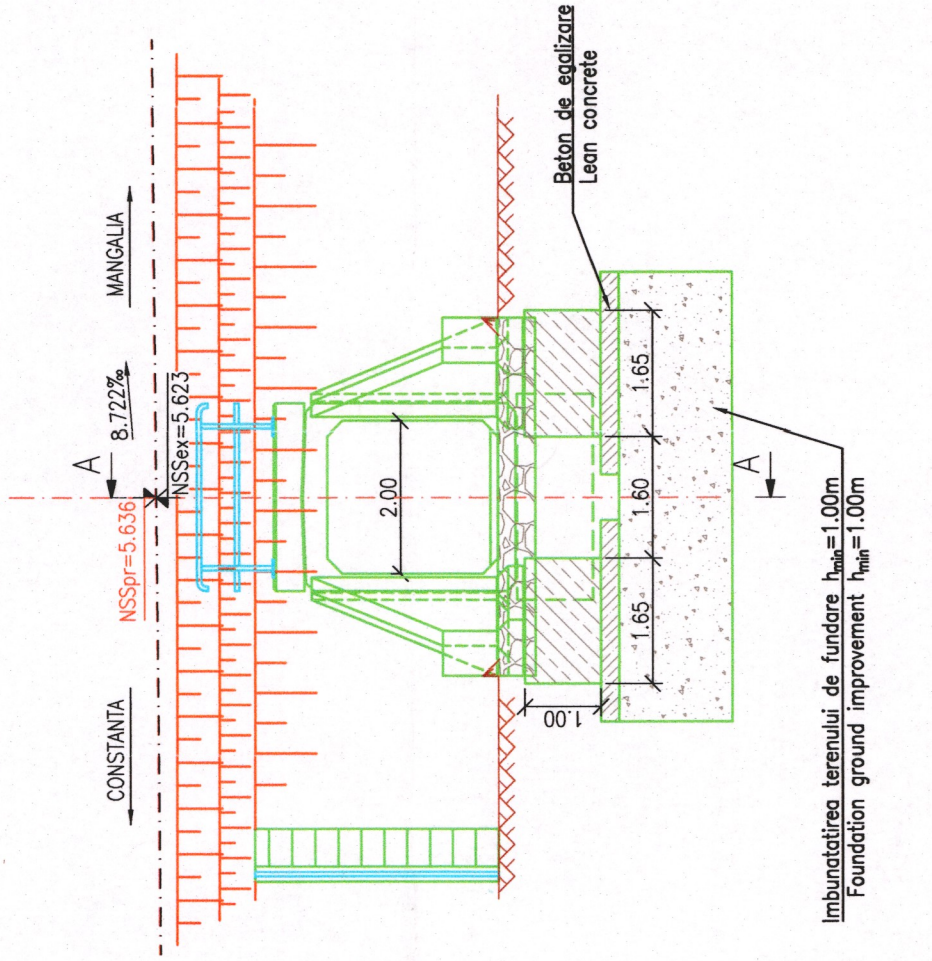
SECTIUNE LONGITUDINALA A-A/A-A LONGITUDINAL SECTION
Scara/Scale 1:100



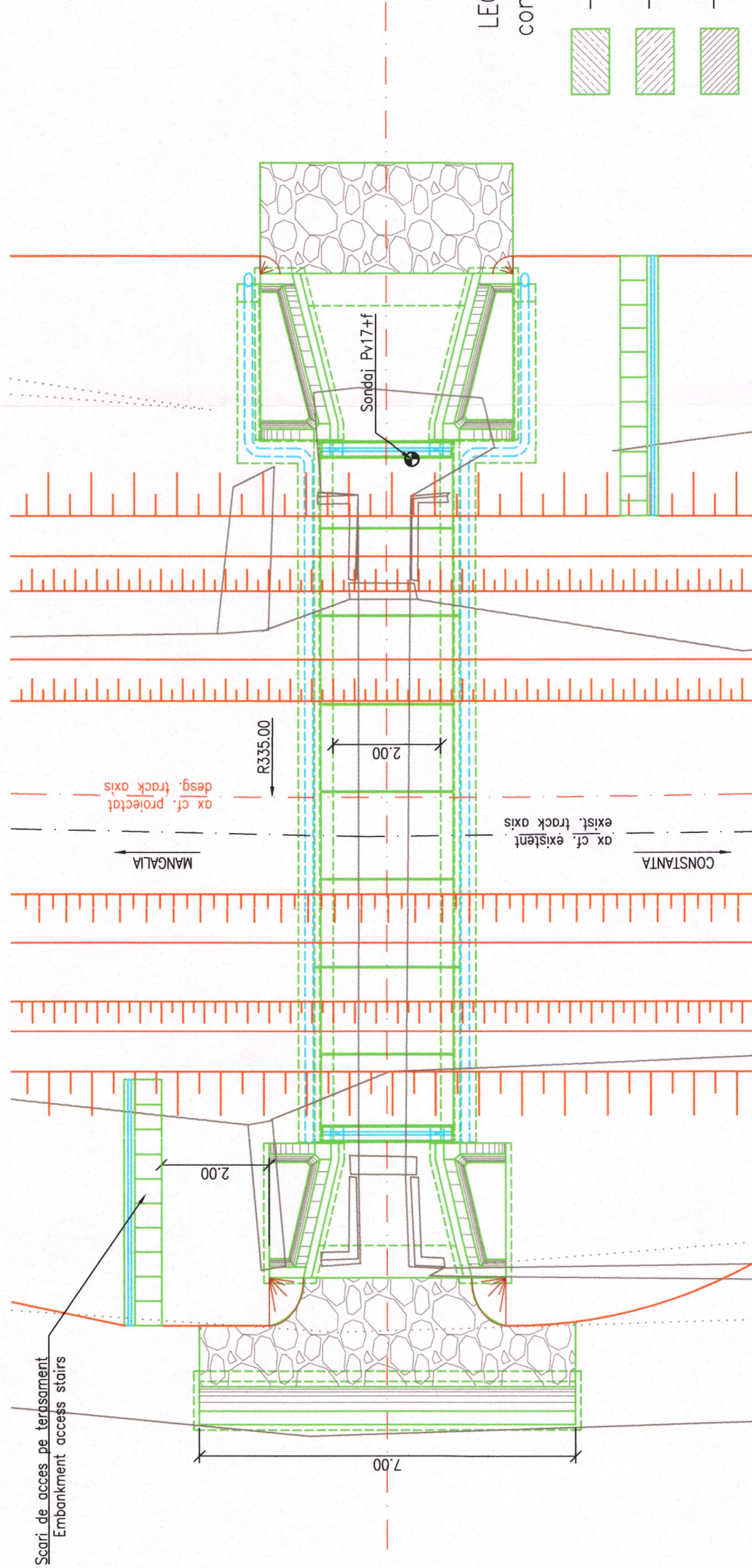
SECTIUNE TRANSVERSALA B-B/B-B CROSS SECTION
Scara/Scale 1:100



SECTIUNE TRANSVERSALA C-C/C-C CROSS SECTION
Scara/Scale 1:100



VEDERE PLANA D-D/D-D PLAN VIEW
Scara/Scale 1:100



NOTE:

1. Prezentul plan s-a intocmit pe baza urmatoarelor date:
 - Studiu topografic;
 - Studiu geotehnic;
 - Raport de Expertiza Tehnica
 - Date culesse de pe teren.
2. Pentru realizarea podului nou se vor executa urmatoarele lucrari:
 - Se va demola podul existent.
 - Se va monta elementele prefabricate tip C2, realizate din beton armat, pe o fundatie comuna, din beton armat, de tip fundatie directa.
 - Racordarile cu terasamentul in amonte si in aval se vor asigura cu aripi prefabricate din beton armat tip A2.
 - 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) si se vor executa saiele din piatra bruta la ambele copete ale podetului, in continuarea pereului.
 - Se vor executa scari de acces pe terasament.
 - Abia se va realiza si calbra, atat in amonte, cat si in aval.
 - Se va realiza imbunatatirea terenului de fundare pe toata lungimea podetului cu o grosime de minim 1.00m
3. Lucrarile se vor realiza la adopostul 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 connection with embankment will be realized with precast reinforced concrete wings A2;
 - Inside the culvert and between the precast wings will be realized a concrete pitching. At the both ends of the culvert will be realized a riprap mattress in continuation of the concrete pitching;
 - There are provided access stairs on embankment;
 - Riverbed will be calibrated and profiled upstream and downstream of the culvert.
 - Foundation ground will be improved along the entire length of the culvert with a minimum height 1.00m.
3. The works will be carried out under the shelter of temporary bridges type G.

LEGENDA BETOANELOR/CONCRETE LEGEND
conform NE 012-1:2007/SR EN 206:2021

- 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
- BETON C35/45 - Clasa de expunere XC4+XS1+XF3, agregate D_{max} 22. ELEVATII / ELEVATION

 									
ENTITATE CONTRACTANTA BENEFICIARY		CONTRACTANT/CONTRACTOR ASOCIEREAI JV		COMPANIA NATIONALA DE CAI FERATE "C.F.R." S.A. ROMANIAN NATIONAL RAILWAY COMPANY		"Studiu de Fezabilitate pentru Electricarea si Reabilitarea liniei de cale ferata Constanta - Mangalia" "Feasibility Study for Electrification and Rehabilitation of the Constanta - Mangalia Railway Line"		DENUMIRE INVESTITIE/ INVESTMENT NAME	
BACCONS INFRA S.R.L. J401987/2001		S.C. C.F.R. S.A. J401987/2001		SECTIUNE/ SECTION		INTERVAL / SECTION EFORIE NORD - EFORIE SUD		PODURI/PODETE / BRIDGE/CULVERT	
NUME/NOME		SEMNATURA/ SIGNATURE		SPECIALITATE/ SPECIALITY		PODETE / CULVERT km pr.dsg. 241+201 (km ex. 241+256)		DISPOZITIE GENERALA/ GENERAL LAYOUT	
Ing. Cristina COTEAU				OBJECT/ OBJECT		DENUMIRE PLAN/ NAME PLAN		COD PLAN/ PLAN CODE	
dr. ing. Carmen BALAN				VERIFICAT/ CHECKED		SF		SF	
Ing. Marin BAICU				ADVISOR		SF		SF	
DATA/DATE:		SCARA/SCALE:		1:100		SF		SF	
09.2023		1:100		R4		R4		R4	