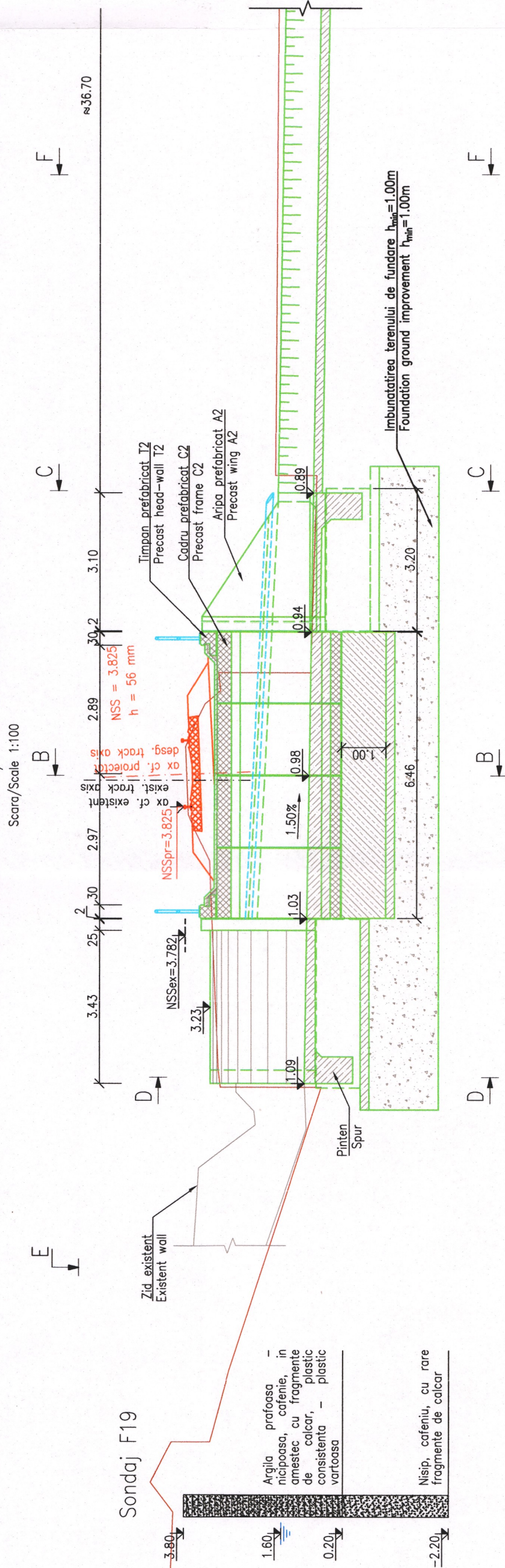
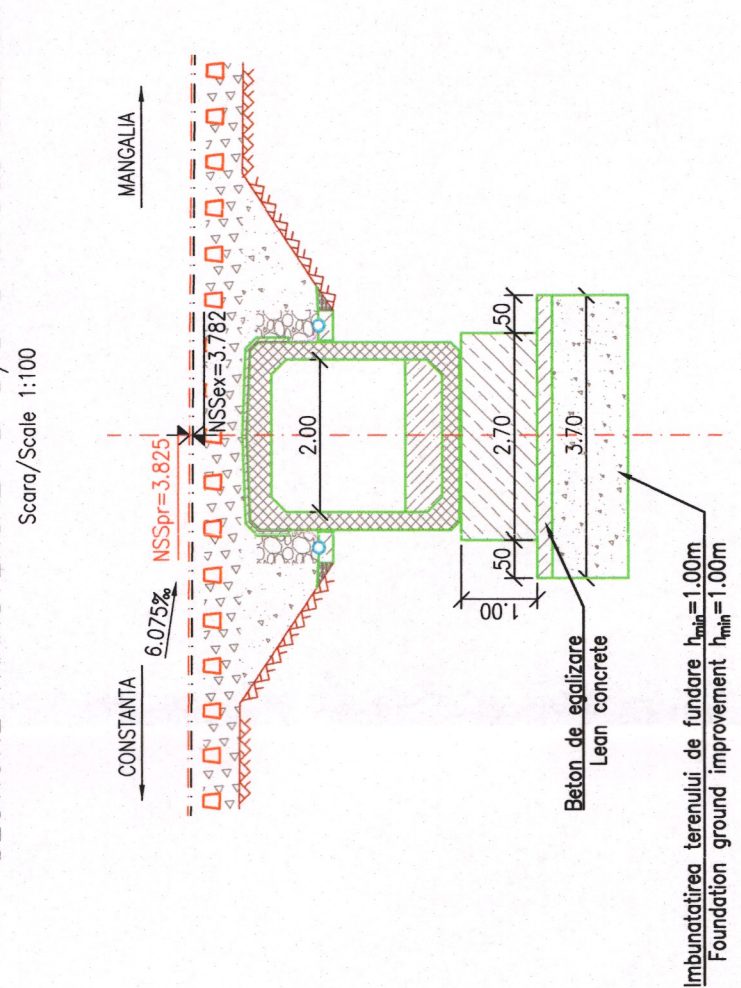


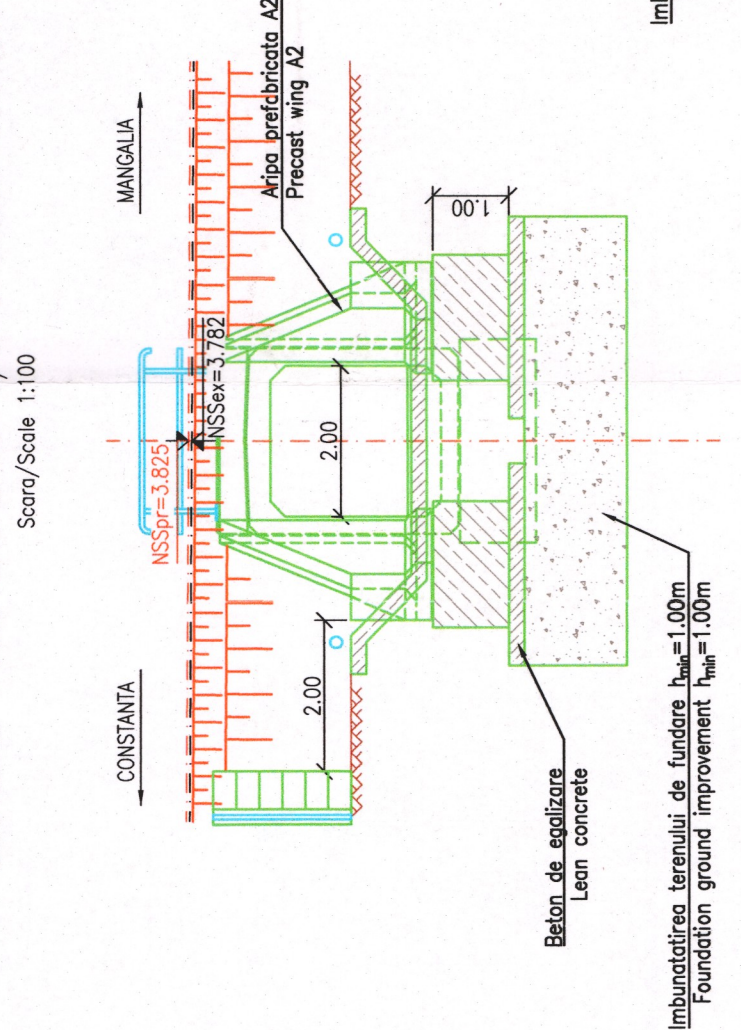
SECTIUNE LONGITUDINALA A-A/A-A-A LONGITUDINAL SECTION



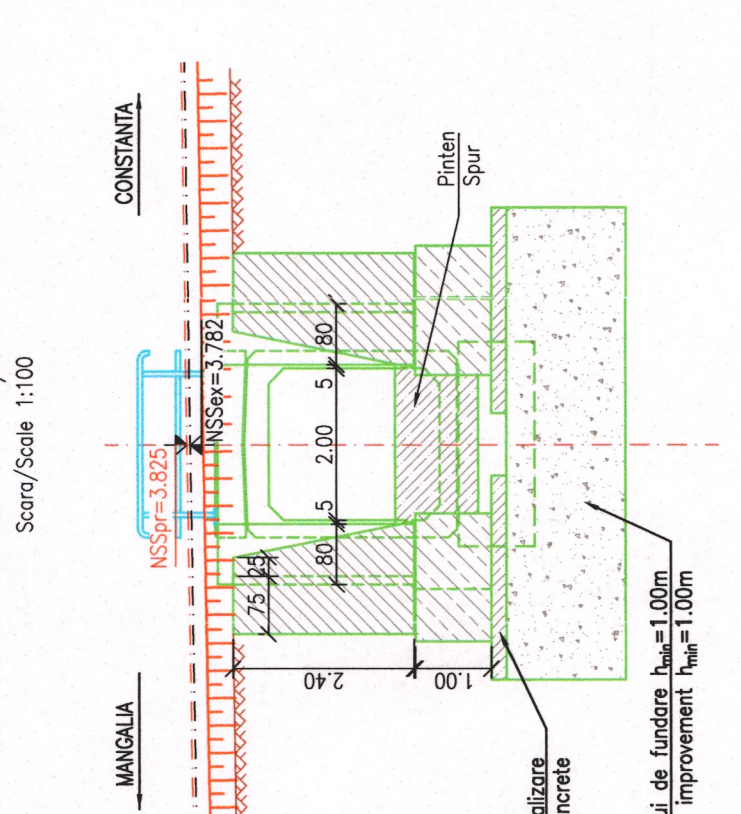
SECTIUNE TRANSVERSALA B-B/B-B-B CROSS SECTION



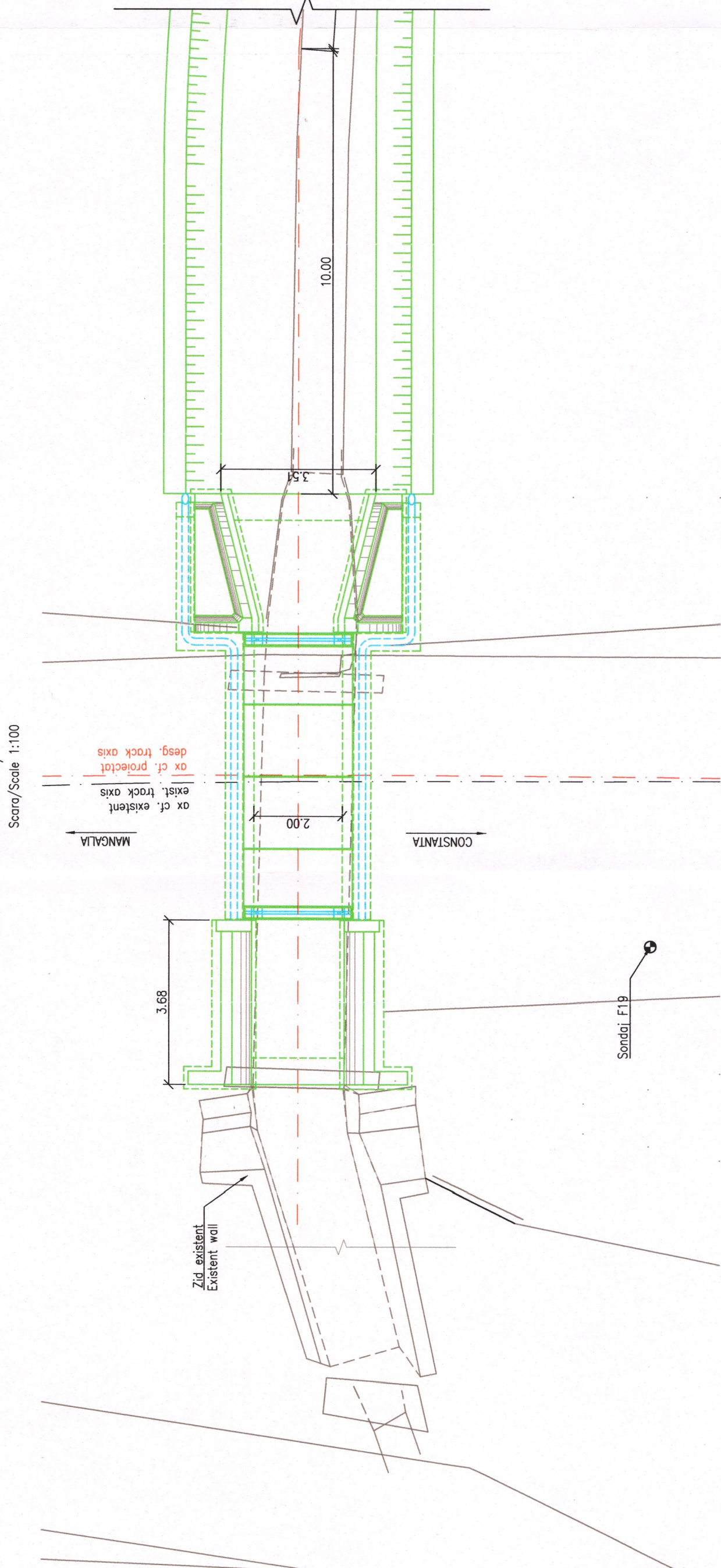
SECTIUNE TRANSVERSALA C-C/C-C-C CROSS SECTION



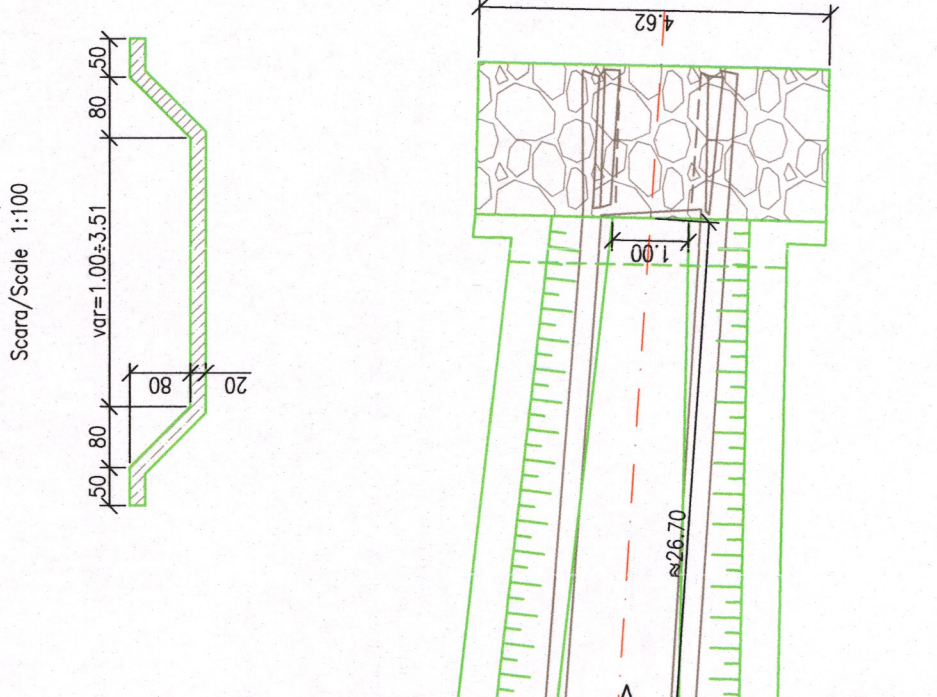
SECTIUNE TRANSVERSALA D-D/D-D-D CROSS SECTION



VEDERE PLANA E-E/E-E-E PLAN VIEW



SECTIUNE TRANSVERSALA F-F/F-F-F CROSS SECTION



LEGENDA BETOANELOR/CONCRETE LEGEND

conform NE 012-1:2007/SR EN 206:2021

- BETON C30/37 - Clasa de expunere XA1+XC2+XS1+XF3, agregate Dmax 22. FUNDATII / FOUNDATIONS
- BETON C16/20 - Clasa de expunere XA1+XC2+XS1+XF3, dren, beton de egalizare, beton de panza. DRAINAGE, LEAN CONCRETE, SLOPE
- BETON C30/37 - Clasa de expunere XA4+XF1, agregate Dmax 16. SAPA DE PROTECTIE A HIDROIZOLATIEI
- BETON C30/37 - Clasa de expunere XA4+XS1+XF3, agregate Dmax 22. PIERI SI SCARI DE ACCES
- BETON C35/45 - Clasa de expunere XA4+XS1+XF3+XA1, ELEMENTE PREFABRICATE / PRECAST ELEMENTS
- BETON C35/45 - Clasa de expunere XA4+XS1+XF3, agregate Dmax 22. ELEVATI / ELEVATION

NOTA:

- Prezentul plan s-a intocmit pe baza urmatoarelor date:
 - Studii topografice;
 - Studii geotehnice;
 - Raport de Expertiza Tehnica
 - Date culese de pe teren.
- Pentru realizarea podului, nou se vor executa urmatoarele lucrari:
 - Se va demola podul existent.
 - Se vor monta elementele prefabricate tip C2, realizate din beton armat, pe o fundatie comuna, din beton armat, de tip fundatie directa.
 - Racordarea cu terasamentul in aval se va realiza cu orip prefabricate din beton armat tip A2, armate de un sant betonat.
 - Se va realiza o camera de colectare a apelor de suprafata pentru a se putea realiza racordarea cu camera de colectare existenta.
 - Se va realiza peretii din beton armat, atat in podet, cat si in zonele cuprinse intre elementele de racordare ale acestuia cu terasamentul (intre arpi si ziduri).
 - Si se va executa o solsea din piatra bruta in aval la capatul santului de beton.
 - Se vor executa scari de acces pe terasament.
 - Se va realiza o gresie din beton armat pe terenul de fundare pe toata lungimea podului cu o grosime de minim 1.00m.
- Lucrarile se vor realiza la adpostul unui pod provizoriu tip G.

NOTE:

- This plan has been drawn up based on the following data:
 - Land survey;
 - Geotechnical study;
 - Technical expert report;
 - Field data.
- 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;
 - In downstream of the culvert the connection with embankment will be realized with precast concrete wings A2, which will be continued with a concrete ditch; reinforced concrete wings A2 which will be continued with a concrete ditch; reinforced concrete wings A2 which will be continued with a concrete ditch;
 - In upstream of the culvert will be realized retaining walls which will be connected to existing ones;
 - Inside the culvert and between the precast wings and retaining walls will be realized a concrete pitching. At the end of the concrete ditch will be realized a pitching and a concrete access stairs on embankment.
 - The existing ground will be improved along the entire length of the culvert with a minimum height 1.00m.
- The works will be carried out under the shelter of temporary bridge type G.

ENTITATE CONTRACTANTA
BENEFICIARY

CONTRACTANT/CONTRACTOR
ASOCIATIA

COMPANIA NATIONALA DE CAI FERATE "C.F.R." S.A.
ROMANIAN NATIONAL RAILWAY COMPANY

"Studiu de Fezabilitate pentru Electricizarea si Reabilitarea liniei de cale ferata Constanta - Mangalia"
"Feasibility Study for Electrification and Rehabilitation of the Constanta - Mangalia Railway Line"

PROIECTAT/DESIGNED
Ing. Cristina COTEAU

VERIFICAT/VERIFIED
dr. Ing. Carmen BALAN

AVIZAT/ADVISED
Ing. Marin BACIU

SECTIUNE/SECTION
PODURI/PODETE / BRIDGE/CULVERT

INTERVAL / SECTION EFORIE SUD - TUZLA

PODETE / CULVERT km pr.deg. 242+767 (km ex. 242+826)

DISPOZITIE GENERALA/GENERAL LAYOUT

DATA/DATE:
09.2023

SCALA/SCALE:
1:100

CDR PLAN/
PLAN CODE:

SF 6 SF 10 Pd 02 02 IR4