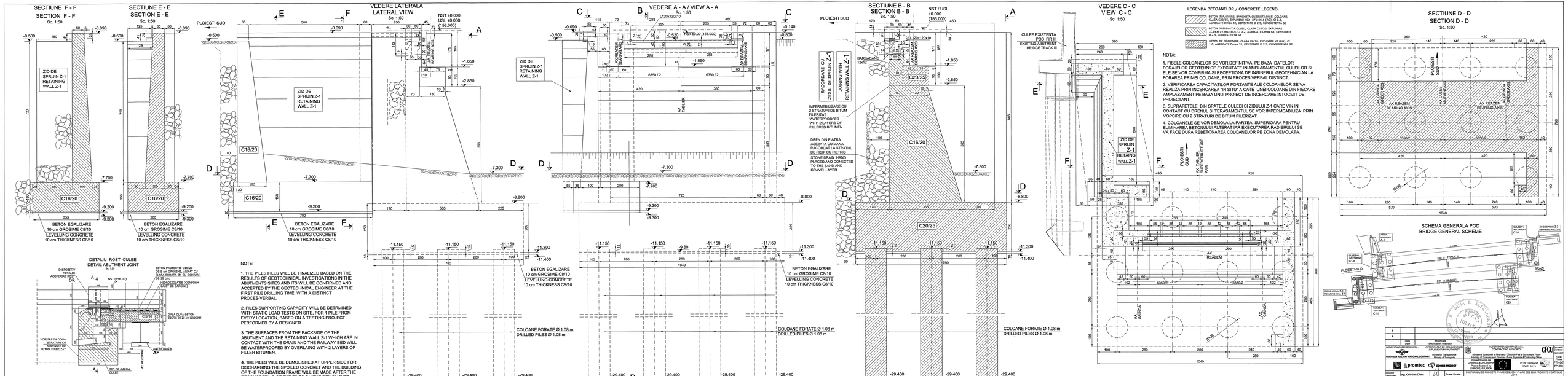
SECTIUNE F - F
SECTION F - F
Sc. 1:50
SECTIUNE E - E
SECTION E - E
Sc. 1:50
VEDERE LATERALA
LATERAL VIEW
Sc. 1:50
VEDERE A - A / VIEW A - A
Sc. 1:50
SECTIUNE B - B
SECTION B - B
Sc. 1:50
VEDERE C - C
VIEW C - C
Sc. 1:50
SECTIUNE D - D
SECTION D - D
Sc. 1:50
ZID DE SPRIJIN Z-1
RETAINING WALL Z-1
BETON EGALIZARE
10 cm GROSIME C8/10
LEVELLING CONCRETE
10 cm THICKNESS C8/10
PLOIESTI SUD
NST ±0.000
USL ±0.000
(156.000)
C16/20
C20/25
COLOANE FORATE Ø 1.08 m
DRILLED PILES Ø 1.08 m
JOINING WITH RETAINING WALL Z-1
RACORDARE CU ZIDUL DE SPRIJIN Z-1
BARBACANE
IMPERMEABILIZARE CU 2 STRATURI DE BITUM FILERIZAT
WATERPROOFED WITH 2 LAYERS OF FILLERED BITUMEN
DREN DIN PIATRA ASEZATA CU MANA RACORDAT LA STRATUL DE NISIP CU PIETRIS
STONE DRAIN HAND PLACED AND CONECTED TO THE SAND AND GRAVEL LAYER
CULEE EXISTENTA
POD FIR III
EXISTING ABUTMENT
BRIDGE TRACK III
ZID DE SPRIJIN Z-1
RETAINING WALL Z-1
AX REAZEM
BEARING AXIS
AX TALIER
AX GRINDA
AX CALEE
ABUTMENT AXIS
AX TABLER SUPERSTRUCTURE AXIS
DETALIU ROST CULEE
DETAIL ABUTMENT JOINT
DISPOZITIV METALIC ACOPERIRE ROST
BETON PROTECTIE C16/20 DE 5 cm GROSIME, ARMAT CU PLASA DE ARMATURA DN OL/ DOI/SIE, DE 15 cm
HIDROIZOLATIE (CONFORM "CAIET DE SARCINI")
DALA CUVA BETON C25/30 DE 20 cm GROSIME
VOPSIRE IN DOUA STRATURI DU SURMIZE DE BITUM FILERIZAT
ZID DE GARDA CULEE
AX REZEMAN
AX TALIER
NST (156.00)
C25/30
LEGENDA BETOANELOR / CONCRETE LEGEND
BETON IN RADIERE, BANCHETA CUZINETULOR SI COLOANE, CLASA C30/37, EXPUNERE XC2+XF3+XA1 (RO), CI 0.2, AGREGATE Dmax 32, CONSISTENTA S3 - 3.5
BETON IN ELEVATIA CULEI, CLASA C16/20, EXPUNERE XC2+XF1+XA1 (RO), CI 0.2, AGREGATE Dmax 63, CONSISTATE S3 - 3.5
BETON DE EGALIZARE, CLASA C8/10, EXPUNERE X0 (RO), CI 1.0, AGREGATE Dmax 32, CONSISTATE S3 - 3.5
NOTE:
1. FISELE COLOANELOR SE VOR DEFINITIVA PE BAZA DATELOR FORAJELOR GEOTEHNICE EXECUTATE IN AMPLASAMENTUL CULEILOR SI ELE SE VOR CONFIRMA SI RECEPTIONA DE INGINERUL GEOTEHNICIAN LA FORAREA PRIMEI COLOANE, PRIN PROCES VERBAL DISTINCT.
2. VERIFICAREA CAPACITATILOR PORTANTE ALE COLOANELOR SE VA REALIZA PRIN INCERCAREA "IN SITU" A CATE UNEI COLOANE DIN FIECARE AMPLASAMENT PE BAZA UNUI PROIECT DE INCERCARE INTOCMIT DE PROIECTANT.
3. SUPRAFETELE DIN SPATELE CULEEI SI ZIDULUI Z-1 CARE VIN IN CONTACT CU DRENUL SI TERASAMENTUL SE VOR IMPERMEABILIZA PRIN VOPSIRE CU 2 STRATURI DE BITUM FILERIZAT.
4. COLOANELE SE VOR DEMOLA LA PARTEA SUPERIOARA PENTRU ELIMINAREA BETONULUI ALTERAT IAR EXECUTAREA RADIERULUI SE VA FACE DUPA REBETONAREA COLOANELOR PE ZONA DEMOLATA.
NOTE:
1. THE PILES FILES WILL BE FINALIZED BASED ON THE RESULTS OF GEOTECHNICAL INVESTIGATIONS IN THE ABUTMENTS SITES AND ITS WILL BE CONFIRMED AND ACCEPTED BY THE GEOTECHNICAL ENGINEER AT THE FIRST PILE DRILLING TIME, WITH A DISTINCT PROCES-VERBAL.
2. PILES SUPPORTING CAPACITY WILL BE DETRMINED WITH STATIC LOAD TESTS ON SITE, FOR 1 PILE FROM EVERY LOCATION, BASED ON A TESTING PROJECT PERFORMED BY A DESIGNER.
3. THE SURFACES FROM THE BACKSIDE OF THE ABUTMENT AND THE RETAINING WALL Z-1 WHICH ARE IN CONTACT WITH THE DRAIN AND THE RAILWAY BED WILL BE WATERPROOFED BY OVERLAING WITH 2 LAYERS OF FILLER BITUMEN.
4. THE PILES WILL BE DEMOLISHED AT UPPER SIDE FOR DISCHARGING THE SPOILED CONCRET AND THE BUILDING OF THE FOUNDATION FRAME WILL BE MADE AFTER THE RECONCRETING OF THE PILES ON THE DEMOLISHED PART.
SCHEMA GENERALA POD
BRIDGE GENERAL SCHEME
ARPAT A-1
CULEEA I - CULEE A1
FIR I / TRACK I
FIR II / TRACK II
SPRE BRAILA
ZID DE SPRIJIN Z-2 RETAINING WALL Z-2
CULEEA II - CULEE A2
ROMANIA RAILWAY NATIONAL COMPANY
AUTORITATEA CONTRACTANTA / CONTRACTING AUTHORITY
Ministerul Transportului
Ministry of Transport
Ministerul Economiei si Finantelor/ Oficiul de Pe8 si Contractare Plata
Ministry of Economy and Finance/ Payment Contracting Office
POS Transport 2007-2013
UNIUNEA EUROPEANA
EUROPEAN UNION
Fondul de Coeziune
Cohesion Fund
PROMOTOR DE PROIECT / PROJECT PROMOTER
CCIR - PROIE CDB 2008 PROJECTE PRIORITARE
Contract Contract
Faza Phase
PT+DE
Designed Ing. Cristian Dima
Verificat Checked Ing. Ioan Dachin
Sef echipa Team leader Ing. Stefan Vara-Orow
Scara / Scale 1:50 1:20
Data / Date 05.2008
Titlul proiectului / Drawing Title: Asistenta tehnica pentru pregatirea unor lucrari de reabilitare pentru turnirea si podurile de calei ferata
Technical assistance for preparing rehabilitation works required by railway tunnels and bridges
Denumire desen / Drawing Title: PLAN COPRA CULEE C1+C1 / PLAN SHUTTERING ABUTMENT C1+C1
Cod desen / Drawing Code: PD 21
Nr. / No. 39