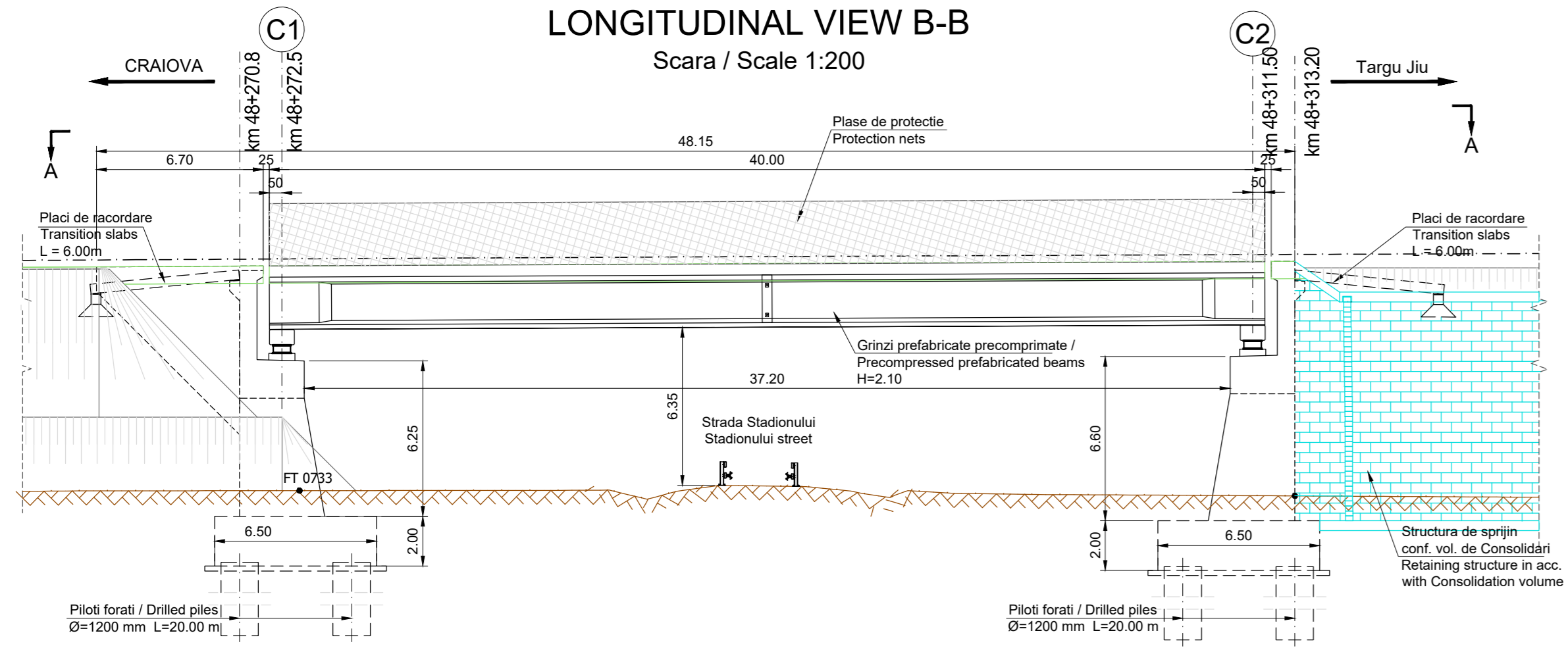
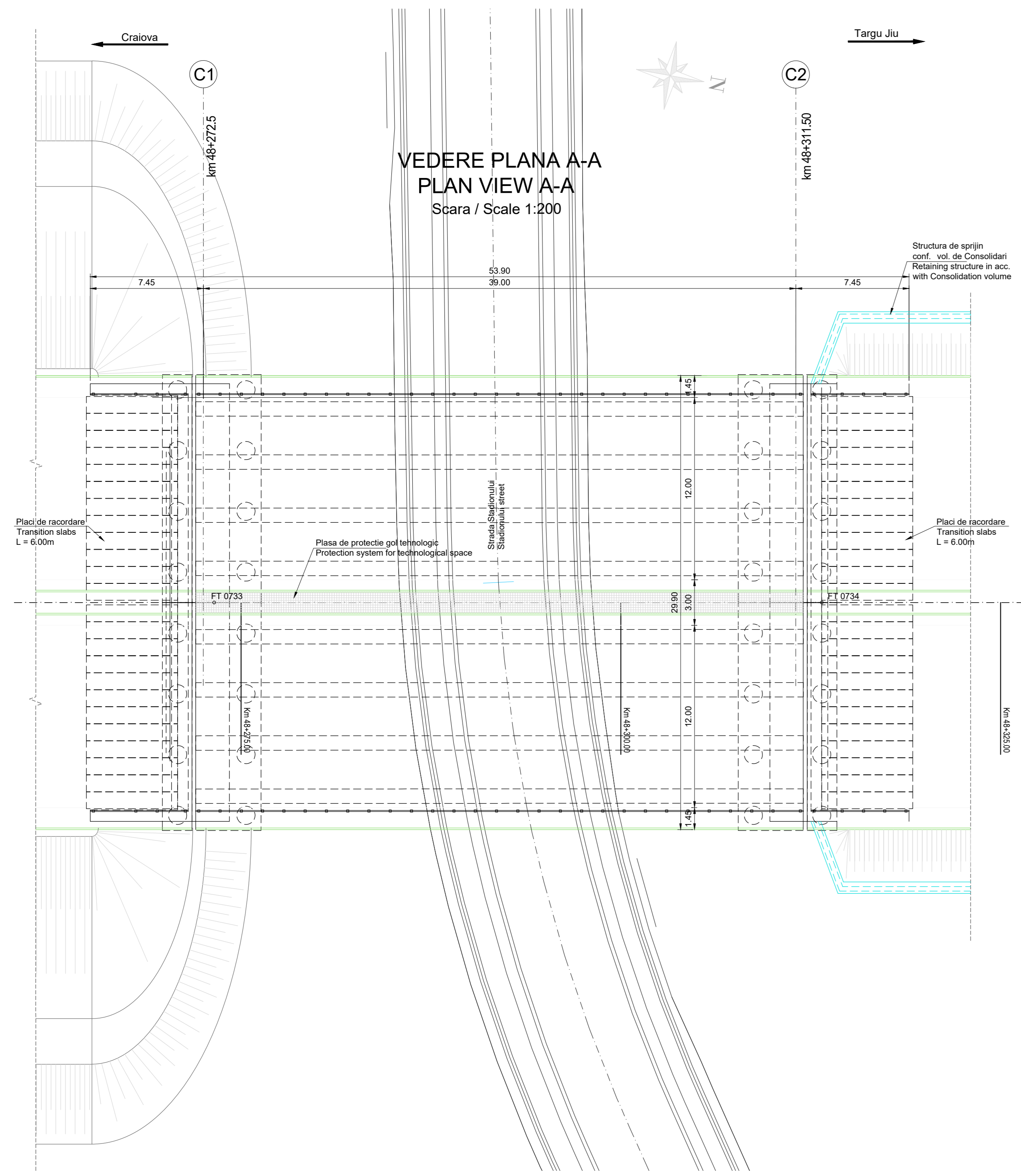


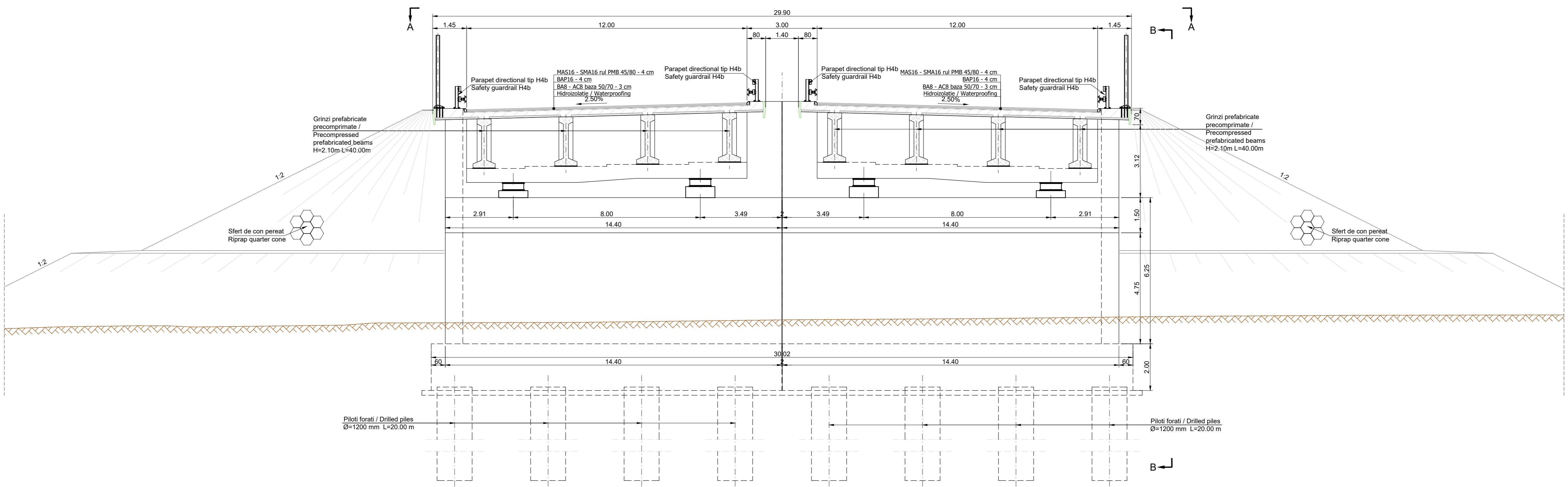
VEDERE LONGITUDINALA B-B
LONGITUDINAL VIEW B-B
Scara / Scale 1:200



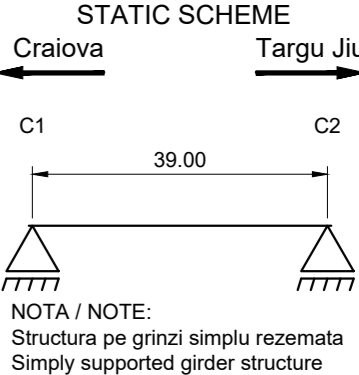
VEDERE PLANA A-A
PLAN VIEW A-A
Scara / Scale 1:200



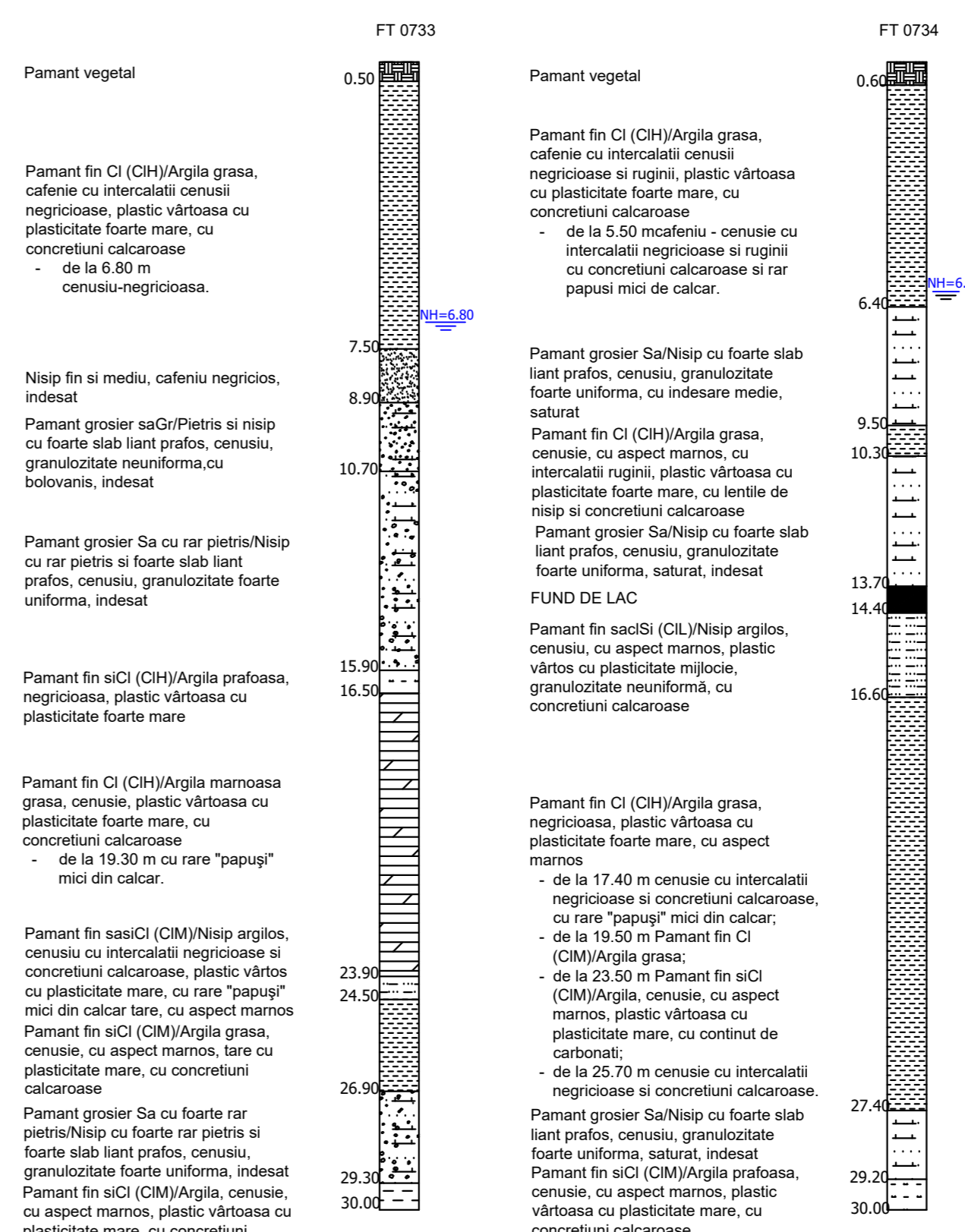
SECTIUNE TRANSVERSALA CULEA C1
CROSS SECTION ABUTMENT C1
Scara / Scale 1:100



SCHEMA STATICA
STATIC SCHEME



CENTRALIZATOR CLASE DE BETON CONCRETE CLASS SUMMARY		
Element / Element	Clasa de beton / Concrete class	Clasa de expunere / Exposure classes
Beton de egalizare / Leveling concrete	C12/15	X0
Piloni forati / Drilled piles	C30/37	XC4
Radiere / Foundations	C35/45	XC4
Elevatii / Elevations	C35/45	XC4 XD3 XF4
Placa de suprapanetonare / Overconcreting slab	C35/45	XC1 XD3
Antretoaze / Cross beams	C35/45	XC1 XD3
Pereu / Riprap	C30/37	XC4 XF3
Fundatii pereu / Riprap foundations	C30/37	XC4
Arapi / Wing Walls	C35/45	XC4 XD3 XF4
Grinzi prefabricate / Prefabricated beams	C50/60	XC3 XF1 XF3
Predale / Prestabs	C35/45	XC3 XF1 XF3



Durata de viata: 120 ani LM1 - conf. SR EN 1991-2:2005 LM2 - conf. SR EN 1991-2:2005 Categoria de importanta: "B" Grad de seismicitate: "7", conf. SR 11100/1-93 $a_s=0.20g$, $T=0.7s$ conf. P100-1:2013 Exigente de verificare faza PT: A4, B2, D Af	Lifespan: 120 years Loading convoys LM1 - acc. SR EN 1991-2:2005 LM2 - acc. SR EN 1991-2:2005 Importance category: "B" Seismic area characteristics: $a_s=0.20g$, $T=0.7s$ acc. P100-1:2013 Quality requirements for TP phase: A4, B2, D Af
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Conform recomandarilor Studiului Geotehnic structura este fundata indirect pe piloni forati. Diametrul si lungimea pilonilor vor fi definitive in etapa urmatoare de proiectare conform HG 907.

According to the recommendations of the Geotechnical Study, the structure is indirectly founded on drilled piles. The diameter and length of the piles will be finalized in the next stage of design according to HG 907.

Note:

- Reprezentarea profilului de Autostrada / Drum Express / drum este informativa. Profilele transversale tip se regasesc in volumul de Lucrari de Drum.
- Eventuale imbunatatiri ale terenului de fundare se vor executa conform recomandarilor Studiului Geotehnic.
- Representation of the profile for Motorway / Express Road / road is informative. Typical cross-sections are found in the Roadworks volume.
- Possible improvements of the foundation ground will be executed according to recommendations of the Geotechnical Study.

Beneficiar / Client: COMPANIA NATIONALA DE ADMINISTRARE A INFRASTRUCTURII RUTIERE
NATIONAL ADMINISTRATION COMPANY OF ROAD INFRASTRUCTURE

Proiectant / Designer: ASOCIATIA DE INGINERI ASOCIATA EGIS
EGIS ROMANIA SA

Elaborare studiu de fezabilitate si proiect tehnic pentru autostrada Craiova-Flasas si drum expres Flasas-Targu Jiu
PREPARATION OF FEASIBILITY STUDY AND TECHNICAL DESIGN FOR CRAIOVA-FLASAS MOTORWAY AND FLASAS-TARGU JIU EXPRESS ROAD

Lucrari de poduri, vaducete si pasaje: BRIDGES, VAUDUCTS AND PASSAGES WORKS

Dispozitie generala: GENERAL LAYOUT
Pasaj pe Autostrada km 48+271 peste Strada Stadionului / Passage on Motorway pk 48+271 over Stadionului street

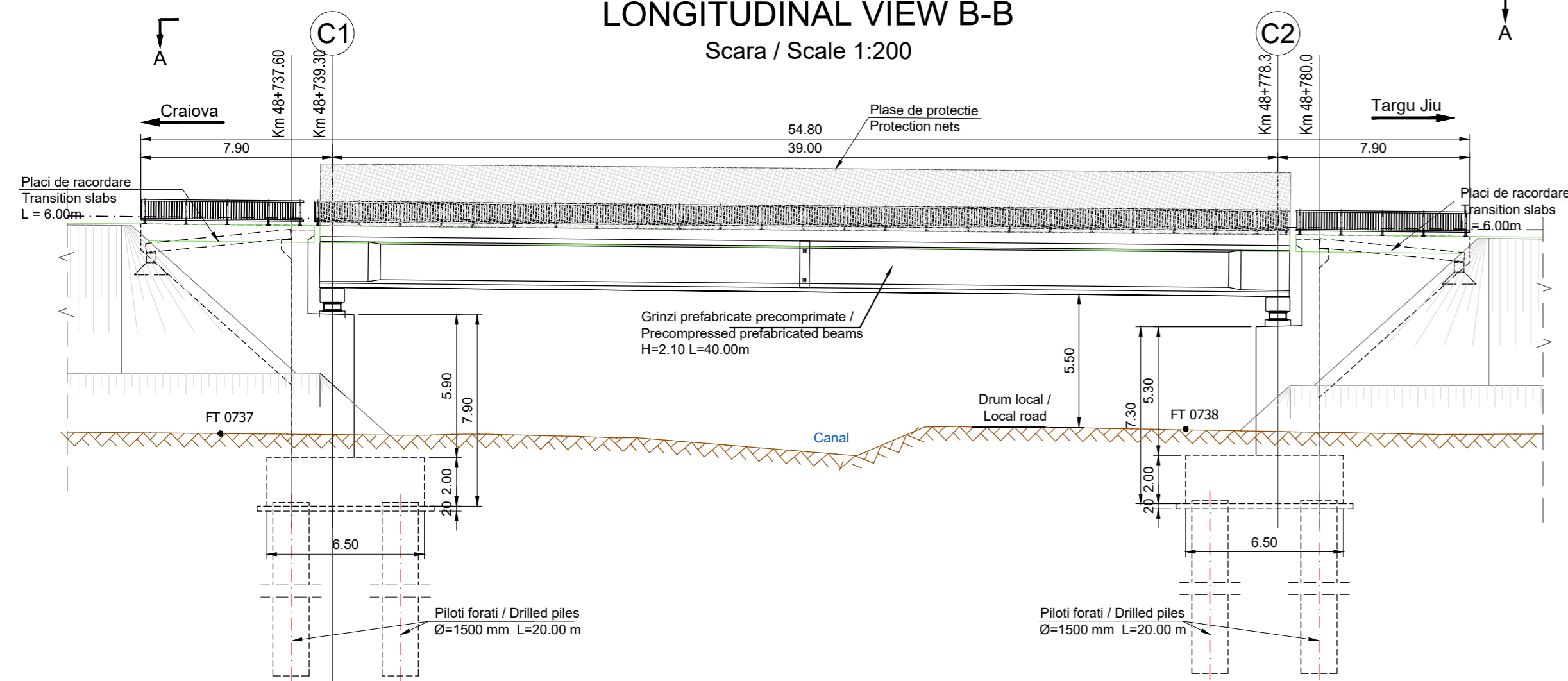
COORDONATOR ADJUNCT DE PROIECT / COORDINATOR DEPUTY	R. THADANI
INGINER PROIECTANT DE PODOBI / BRIDGE DESIGN ENGINEER	G. PERICOLLO
INGINER PROIECTANT DE PODOBI / BRIDGE DESIGN ENGINEER	G. BARONCEA
INGINER PROIECTANT DE PODOBI / BRIDGE DESIGN ENGINEER	M. ANDREI
VERIFICATOR INTERN / INTERNAL CHECKER	A. PRODAN

Contract nr. 02/22579 / 2023
Data: 10/2023
Cantitatea: 22/07/2023

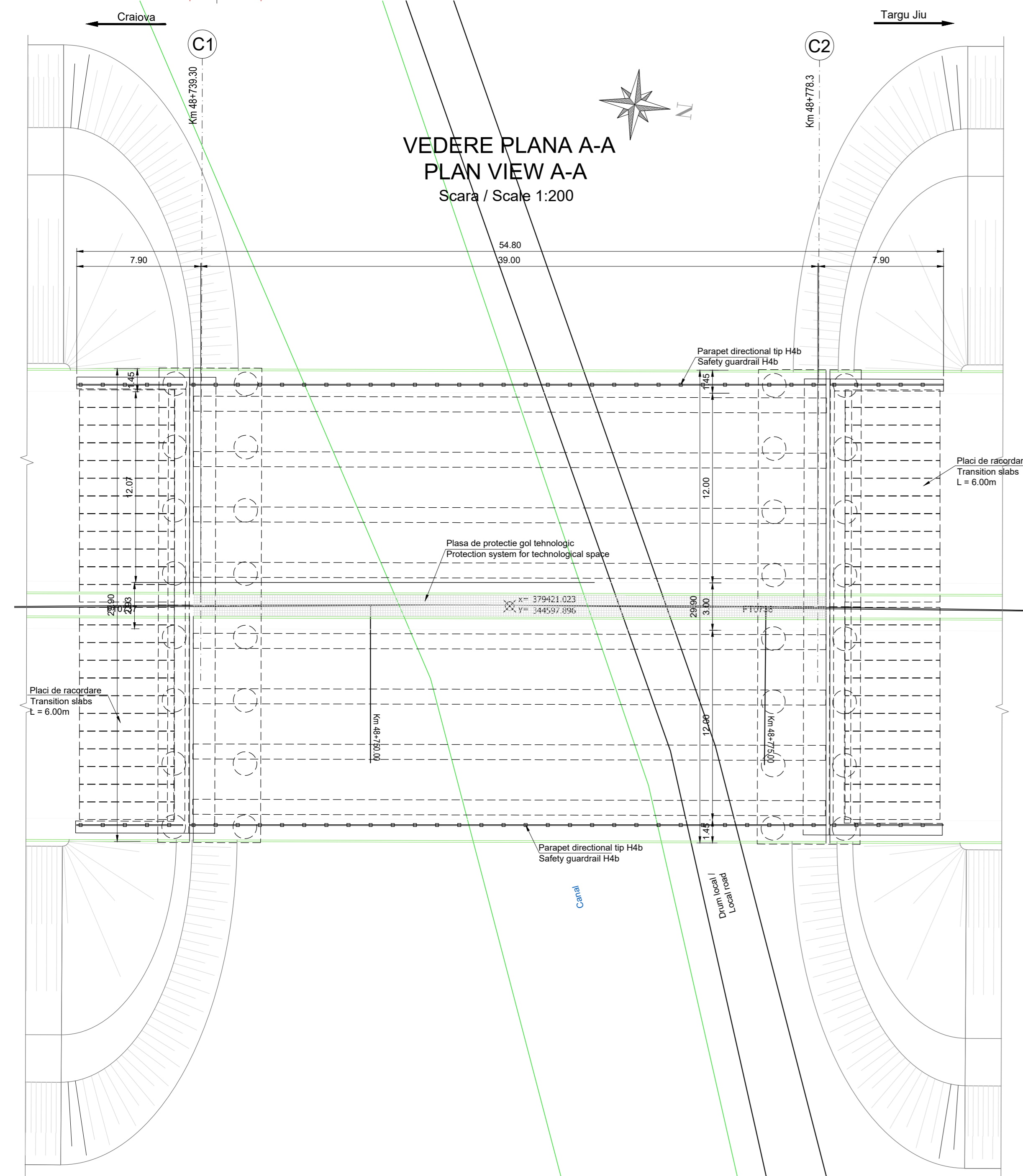
Revisia nr. 0 / 0
Scara: 1:200 / 1:100
Scale: 1:200 / 1:100

Doc. desen: 22/07/2023-SP-4-LA-3-DOG-6-01-000
Drawing number:

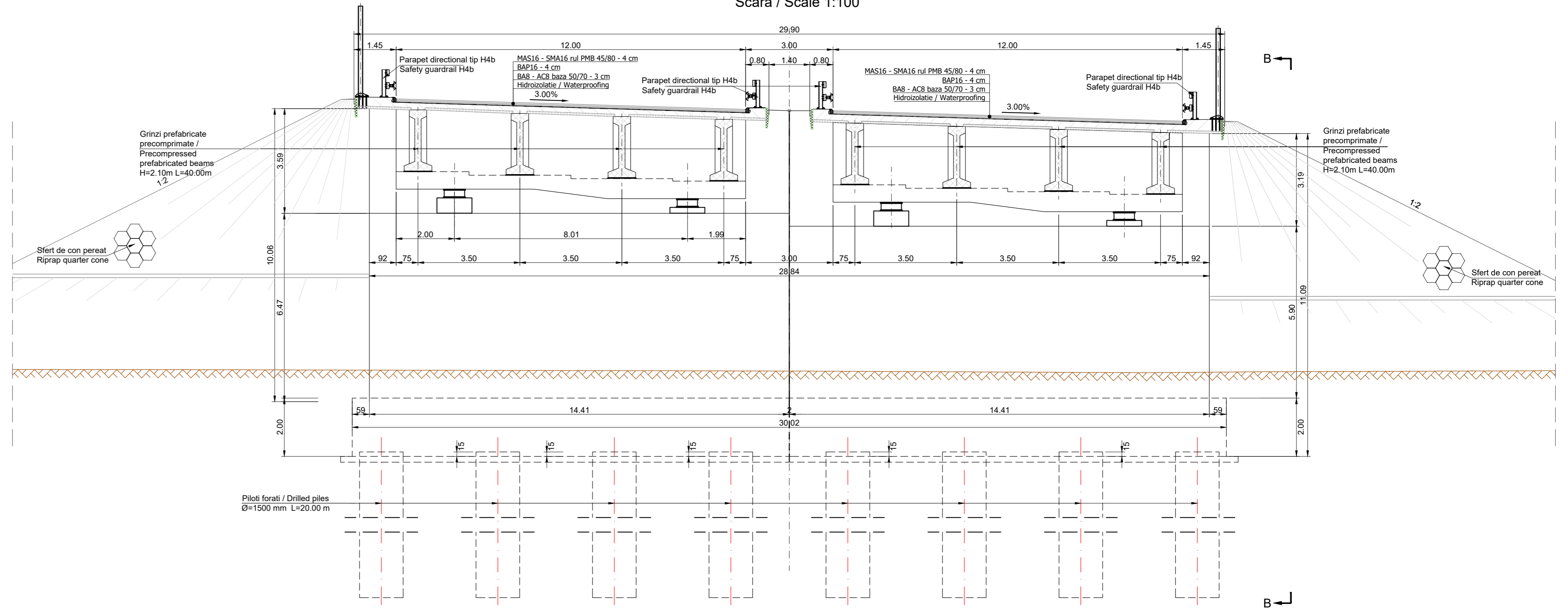
**VEDERE LONGITUDINALA B-B
LONGITUDINAL VIEW B-B**
Scara / Scale 1:200



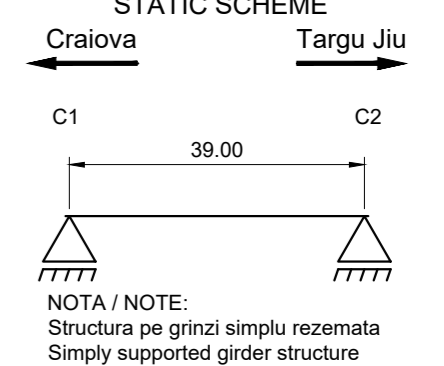
**VEDERE PLANA A-A
PLAN VIEW A-A**
Scara / Scale 1:200



**SECTIUNE TRANSVERSALA CULEA C1
CROSS SECTION ABUTMENT C1**
Scara / Scale 1:100



**SCHEMA STATICA
STATIC SCHEME**



NOTA / NOTE:
Structura pe grinzi simplu rezemata
Simply supported girder structure

CENTRALIZATOR CLASE DE BETON CONCRETE CLASS SUMMARY		
Element / Element	Clasa de beton / Concrete class	Clase de expunere / Exposure classes
Beton de egalizare / Leveling concrete	C12/15	X0
Piloți forati / Drilled piles	C30/37	XC4
Radiere / Foundations	C35/45	XC4
Elevati / Elevations	C35/45	XC4 XD3 XF4
Placa de suprabetonare / Overconcreting slab	C35/45	XC1 XD3
Anchetoaze / Cross beams	C35/45	XC1 XD3
Pereu / Riprap	C30/37	XC4 XF2
Fundatii pereu / Riprap foundations	C30/37	XC4
Arapi / Wing Walls	C35/45	XC4 XD3 XF4
Grinzi prefabricate / Prefabricated beams	C50/60	XC3 XF1 XF3
Predale / Prestabs	C35/45	XC3 XF1 XF3

- Pământ vegetal**
Pământ fin si CI (CIM)/Argila, cafeniu cu intercalati cenusii si ruginii, cu concretuni calcaroase, plastic vartoasa sau plasticitate mare
Nisip fin ruginiu cu indesare medie
- Pământ grosier** Sa cu rar pietris/Nisip cu rar pietris si foarte slab liant prafos, cenușiu, granulozitate foarte uniforma, indesarat
- Pământ grosier** saGr/Pietris si nisip cu foarte slab liant prafos, cenușiu, granulozitate uniforma, cu bolovanis, saturat, indesarat
- Pământ fin si CI (CIM)/Argila proafosa, cenușiu, cu intercalati negricioase, cu aspect marnos, plastic vartoasa sau plasticitate mare, cu concretuni calcaroase si lentile de nisip**
- de la 10.80 m negricioasa;
- de la 11.80 m cenușiu, cu concretuni calcaroase, tare, cu aspect marnos;
- de la 13.70 m Pământ fin si CI (CIM)/Argila proafosa, cenușiu, cu aspect marnos, plastic vartoasa sau plasticitate mare; cu concretuni calcaroase si "papusi" mici din calcar.
- Pământ fin CI (CIH)/Argila grasa, cenușiu cu intercalati negricioase, cu aspect marnos si concretuni calcaroase, plastic vartoasa sau plasticitate foarte mare**
- de la 20.00 m Pământ fin CI (CIH)/Argila, cenușiu, cu aspect marnos, plastic vartoasa sau plasticitate foarte mare;
- de la 21.70 m cenușiu, cu concretuni calcaroase.
- Nisip fin prafos, cenușiu, indesarat**
- Pământ fin CI (CIH)/Argila grasa, cenușiu cu intercalati negricioase, cu aspect marnos si concretuni calcaroase, tare cu plasticitate foarte mare**
- Pământ fin sasi CI (CI) Nisip argilos, cenușiu, cu aspect marnos, plastic vartos cu plasticitate mijlocie, cu concretuni calcaroase**

- Pământ vegetal**
Pământ fin si CI (CIM)/Argila, cafeniu cu intercalati cenusii si ruginii, cu concretuni calcaroase, plastic vartoasa sau plasticitate mare
- de la 1.80 m Pământ fin CI (CIH)/Argila, cafeniu cu intercalati cenusii, negricioase si ruginii, cu concretuni calcaroase, plastic consistenta cu 3.40 plasticitate mare
Nisip fin si mediu, cafeniu, cu indesare medie
- Pământ grosier** Sa cu pietris/Nisip si pietris cu foarte slab liant prafos, cafeniu, granulozitate foarte uniforma, saturat, indesarat
- de la 6.70 m cenușiu;
- de la 9.00 m cu indesare medie;
- de la 9.40 m cu bolovanis.
- Pământ fin si CI (CIM)/Argila, cenușiu, cu aspect marnos, plastic vartoasa sau plasticitate mare, cu concretuni calcaroase**
- de la 13.70 m cu papusi mici de calcar.
- Pământ fin CI (CIH)/Argila grasa, cenușiu negricioasa, cu aspect marnos, cu concretuni calcaroase, plastic vartoasa sau plasticitate foarte mare**
- de la 17.70 m cenușiu, cu concretuni calcaroase si papusi mici din calcar, cu aspect marnos.
- Pământ grosier Sa/Nisip cu foarte slab liant prafos, cenușiu, granulozitate foarte uniforma, saturat, indesarat**
- Pământ fin CI (CIH)/Argila grasa, cenușiu cu intercalati negricioase, cu aspect marnos si concretuni calcaroase, plastic vartoasa sau plasticitate foarte mare**

Durata de viata: 120 ani
Convoaie de calcul
LM1 - conf. SR EN 1991-2:2005
LM2 - conf. SR EN 1991-2:2005
Categorie de importanta: "B"
Grad de seismicitate:
"7", conf. SR 11100/1-93
 $a_s=0.20g$, $T_c=0.7s$ conf. P100-1:2013
Exigente de verificare faza PT: A4, B2, D, Af

Lifespan: 120 years
Loading convoys
LM1 - acc. SR EN 1991-2:2005
LM2 - acc. SR EN 1991-2:2005
Importance category, "B"
Seismic area characteristics:
"7", acc. SR 11100/1-93
 $a_s=0.20g$, $T_c=0.7s$ acc. P100-1:2013
Quality requirements for TP phase: A4, B2, D, Af

Conform recomandarilor Studiului Geotehnic structura este fundata indirect pe piloti forati. Diametrul si lungimea pilotilor vor fi definitivate in etapa urmatoare de proiectare conform HG 907.

According to the recommendations of the Geotechnical Study, the structure is indirectly founded on drilled piles. The diameter and length of the piles will be finalized in the next stage of design according to HG 907.

Note:
• Reprezentarea profilului de Autostrada / Drum Expres / drum este informativa. Profilele transversale tip se regasesc in volumul de Lucrari de Drum.
• Eventuale imbunatatiri ale terenului de fundare se vor executa conform recomandarilor Studiului Geotehnic.

• Representation of the profile for Motorway / Express Road / road is informative. Typical cross-sections are found in the Roadworks volume.
• Possible improvements of the foundation ground will be executed according to recommendations of the Geotechnical Study.

BENEFICIAR / CLIENT
COMPANIA NATIONALA DE ADMINISTRARE A INFRASTRUCTURII ROTARE
NATIONAL ADMINISTRATION COMPANY OF ROAD INFRASTRUCTURE
PROIECTANT / ASOCIAREA / DESIGNER ASSOCIATION
eglis SEARCH CORPORATION
EGIS ROMANIA SA CORPORATION SRL

ELABORARE STUDIU DE FEZABILITATE SI PROIECT TEHNIC PENTRU AUTOSTRADA CRAIOVA-FILAS SI DRUM EXPRES FILAS-TARGU JIU
PREPARATION OF FEASIBILITY STUDY AND TECHNICAL DESIGN FOR CRAIOVA-FILAS MOTORWAY AND FILAS-TARGU JIU EXPRESS ROAD

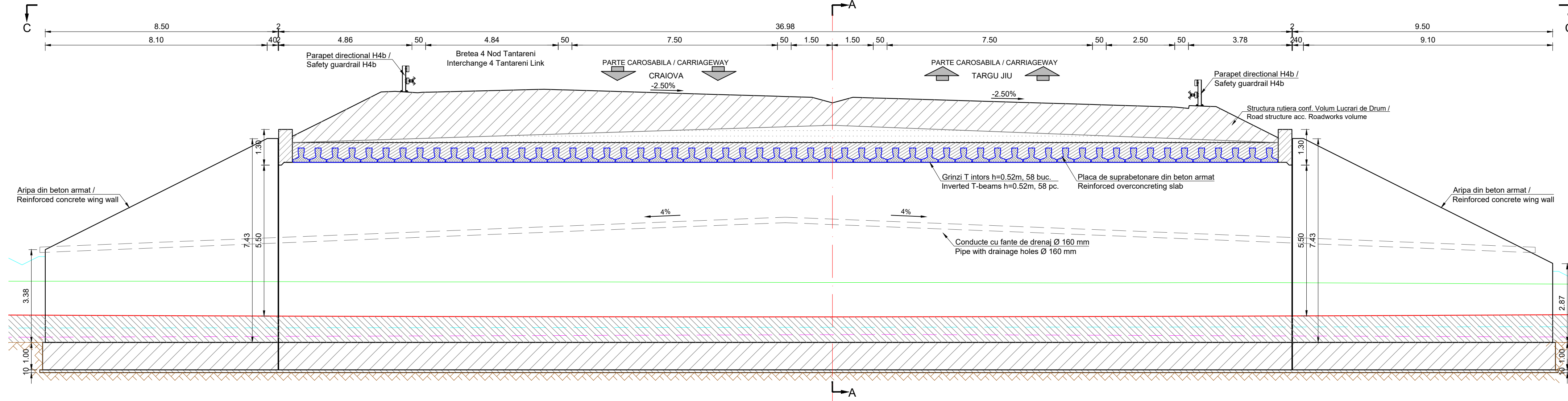
LUCRARI DE PODURI, VADUCTE SI PASAJE BRIDGES, VADUCTS AND PASSAGES WORKS
DISPOZITIE GENERALA GENERAL LAYOUT
Pod pe Autostrada
km 48+738 peste Curs de apa si Drum local /
Bridge on Motorway
pk 48+738 over Watercourse and Local road

COORDONATOR ADJUNCT DE PROIECT R. THADANI
PROJECT COORDINATOR DEPUTY G. PERICOLU
INGINER PROIECTANT DE PODURI G. PERICOLU
BRIDGE DESIGN ENGINEER
INGINER PROIECTANT DE PODURI G. BARONCEA
BRIDGE DESIGN ENGINEER
INGINER PROIECTANT DE PODURI M. ANDREI
BRIDGE DESIGN ENGINEER

VERIFICAT INTERN INTERNAL CHECKER A. PRODAN
Contract nr. 92/22579
Revisia nr. 0
Data: 10/2023
Scale: 1:200 / 1:100
Date
Cod desen: 2275-C11-SF-4-LA-3-3-DIG-S-10-000
Drawing number:

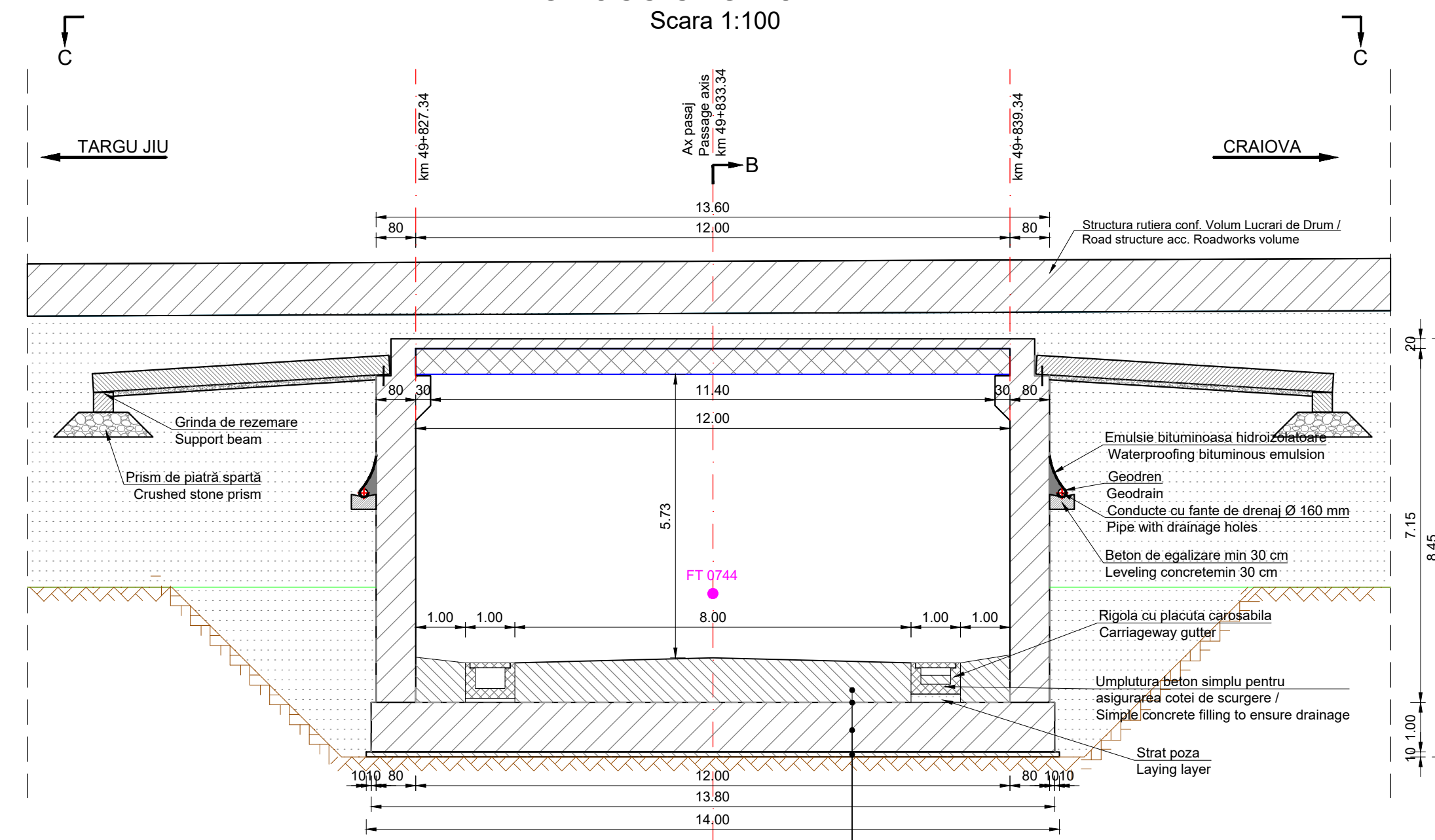
ELEVATIE B-B
ELEVATION B-B

Scara / Scale 1:100



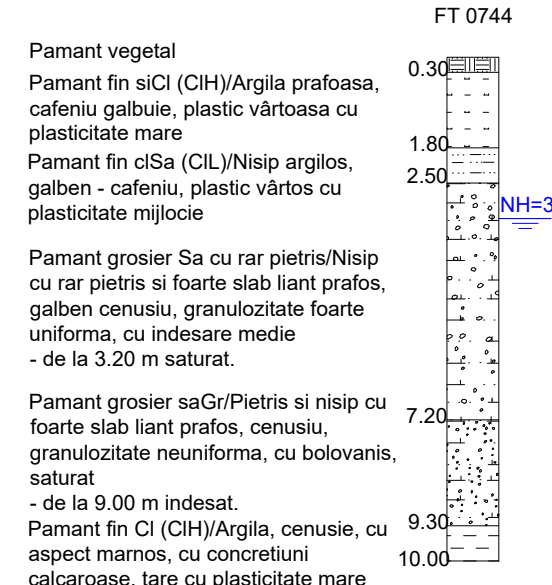
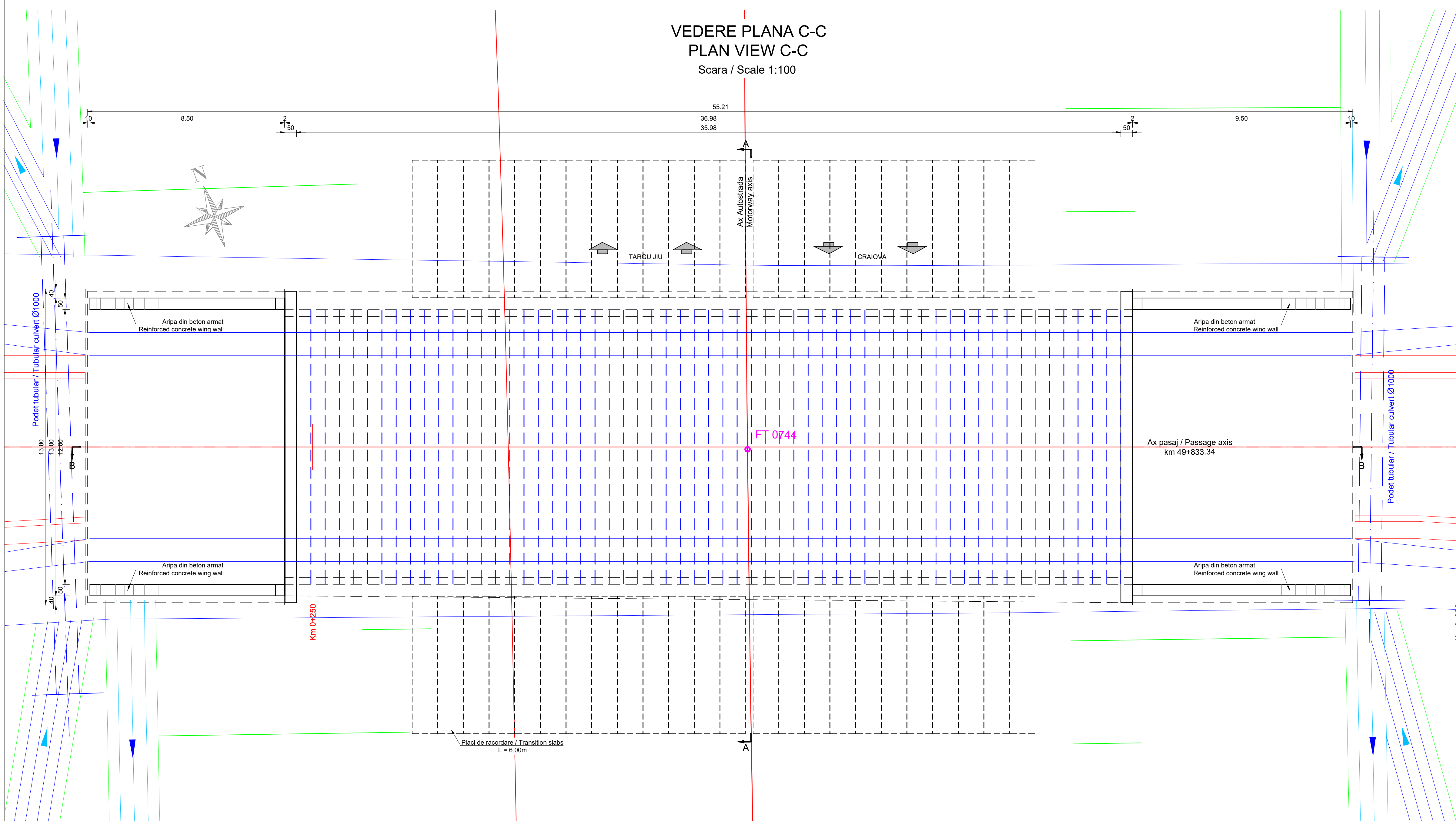
SECTIUNE A-A
CROSS SECTION A-A

Scara 1:100



VEDERE PLANA C-C
PLAN VIEW C-C

Scara / Scale 1:100



SCHEMA STATICA STATIC SCHEME

L = 12.00 m

Element / Element	Clasa de beton / Concrete class	Clasa de expunere / Exposure classes
Beton de egalizare / Leveling concrete	C12/15	X0
Piloni forati / Drilled piles	C30/37	XC4
Radieri / Foundations	C35/45	XC4
Elevatii / Elevations	C35/45	XC4 XD3 XF4
Placa de suprabetonare / Overconcreting slab	C35/45	XC1 XD3
Antretoaze / Cross beams	C35/45	XC1 XD3
Pereu / Riprap	C30/37	XC4 XF2
Fundatii peneu / Riprap foundations	C30/37	XC4
Aripi / Wing Walls	C35/45	XC4 XD3 XF4
Grinzi prefabricate / Prefabricated beams	C50/60	XC3 XF1 XF3
Predele / Preslabs	C35/45	XC3 XF1 XF3

Durata de via: 120 ani
Convansate de calcul:
LM1 - conf. SR EN 1991-2:2005
LM2 - conf. SR EN 1991-2:2005
Categorija de importanta: "B"
Grad de seismicitate:
"7", conf. SR 111001-1-93
a₀=0.20g, Tc=0.7s conf. P100-1:2013
Exigente de verificare faza PT: A4, B2, D Af

Lifespan: 120 years
Loading catovrvoys:
LM1 - acc. SR EN 1991-2:2005
LM2 - acc. SR EN 1991-2:2005
Importance category: "B"
Seismic area characteristics:
"7", acc. SR 111001-1-93
a₀=0.20g, Tc=0.7s acc. P100-1:2013
Quality requirements for TP phase: A4, B2, D Af

Note:

- Reprezentarea profilului de Autostrada / Drum Expres / drum este informativ. Profilele transversale tip se regasesc in volumul de Lucrari de Drum.
- Eventuale imbunatatiri ale terenului de fundare se vor executa conform recomandarilor Studiului Geotehnic.
- Representation of the profile for Motorway / Express Road / road is informative. Typical cross-sections are found in the Roadworks volume.
- Possible improvements of the foundation ground will be executed according to recommendations of the Geotechnical Study.

BENEFICIAR / CLIENT: COMPANIA NATIONALA DE ADMINISTRARE A INFRASTRUCTURII RUTIERE / NATIONAL ADMINISTRATION COMPANY OF ROAD INFRASTRUCTURE

PROIECTANT ASOCIARE / DESIGNER ASSOCIATION: EGIS ROMANIA SA SEARCH CORPORATION SRL

ELABORARE STUDIU DE FEZABILITATE SI PROIECT TEHNIC PENTRU AUTOSTRADA CRAIOVA-FLIAS SI BRASU EXPRES / PREPARATION OF FEASIBILITY STUDY AND TECHNICAL DESIGN FOR CRAIOVA-FLIAS MOTORWAY AND BRASU EXPRES ROAD.

LUCRARI DE PODURI, VADUCTE SI PASAJE BRIDGES, VIADUCTS AND PASSAGES WORKS

DISPOZITIE GENERALA GENERAL LAYOUT

Pasaj pe Autostrada km 49+827 peste Drum local 16 / Passage on Motorway pk 49+827 over Local road 16

COORDONATOR ADJUNCT DE PROIECT: R. THADANI

PROIECTANT DE PODURI: G. PERICOLO

INGINER PROIECTANT DE PODURI: G. BARONEA

INGINER PROIECTANT DE PODURI: M. ANDREI

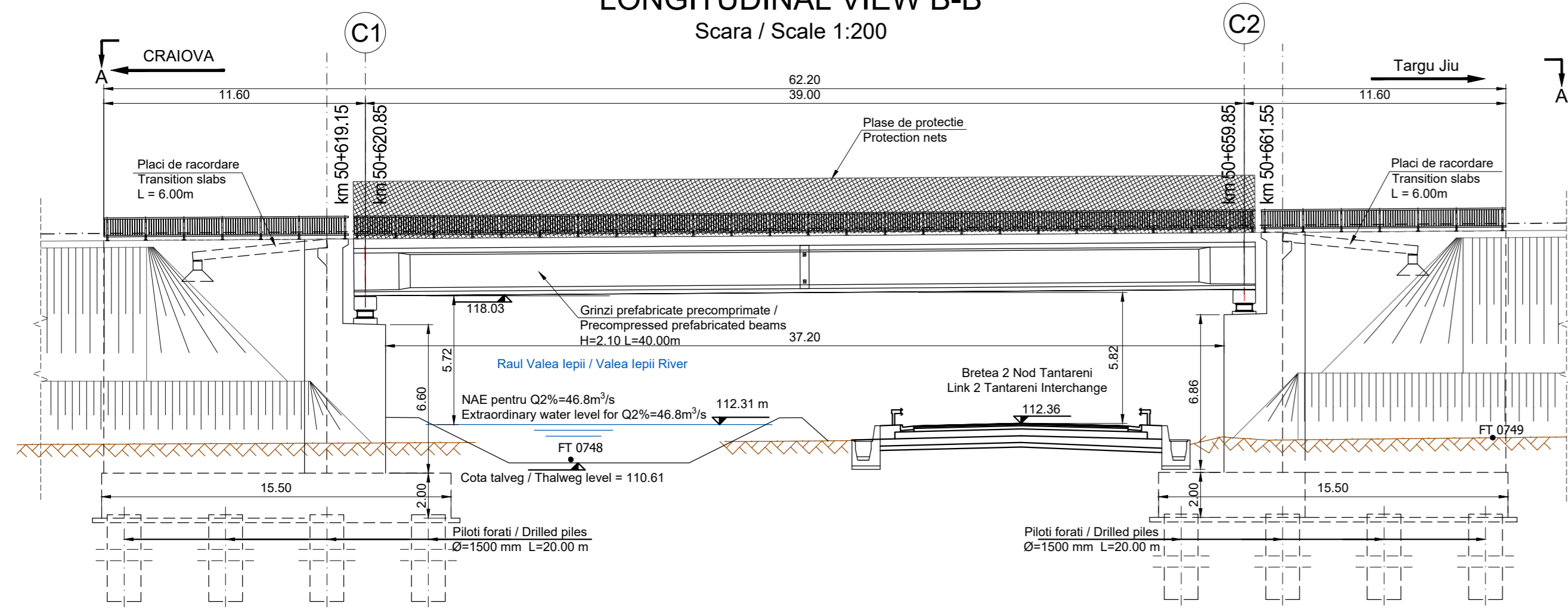
VERIFICAT INTERN: A. PRODAN

Contract nr. 92/22579

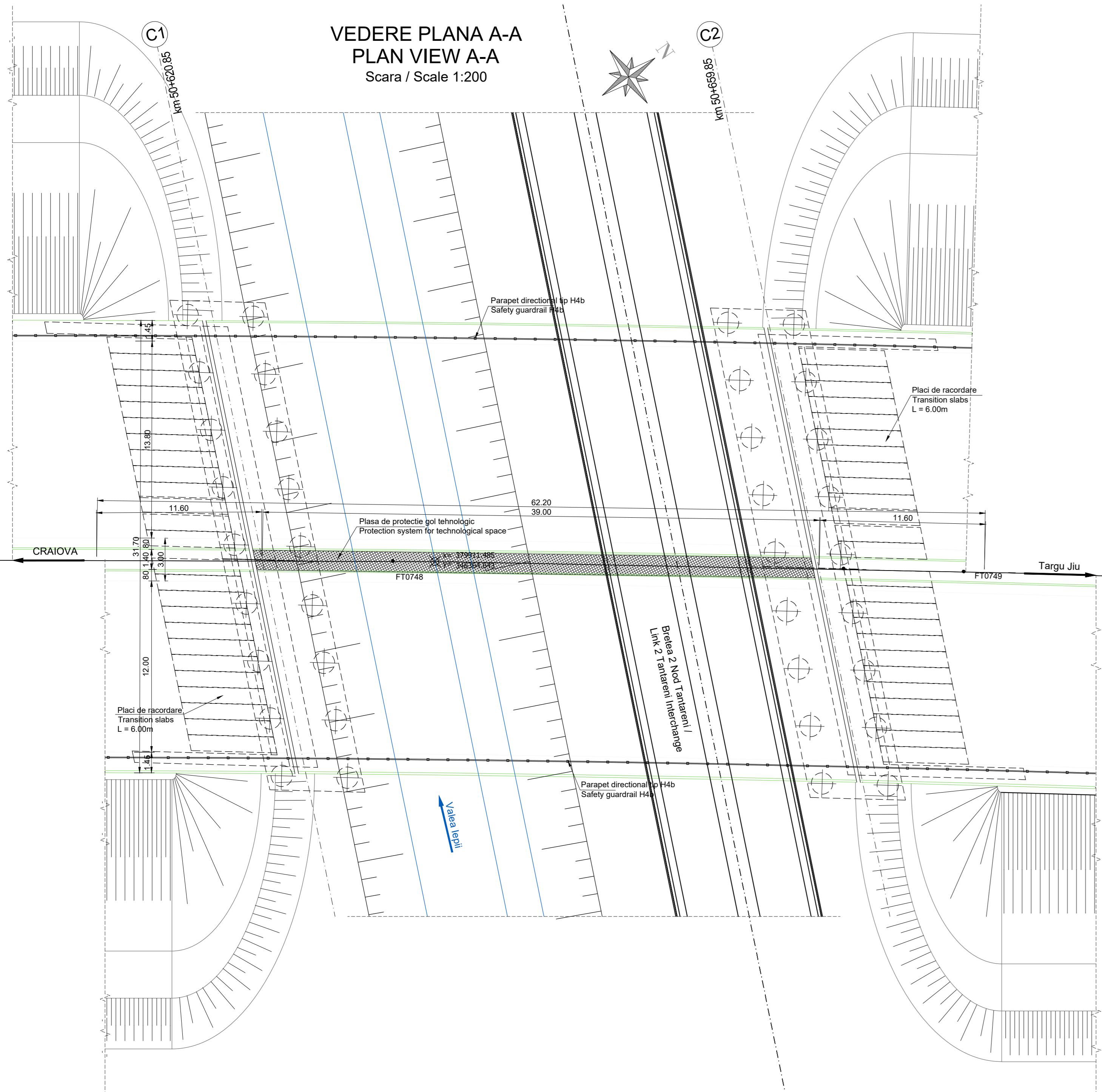
Date: 10/2023

Coef. desen: 2579-019-99-4-3-3.00-3_03-000

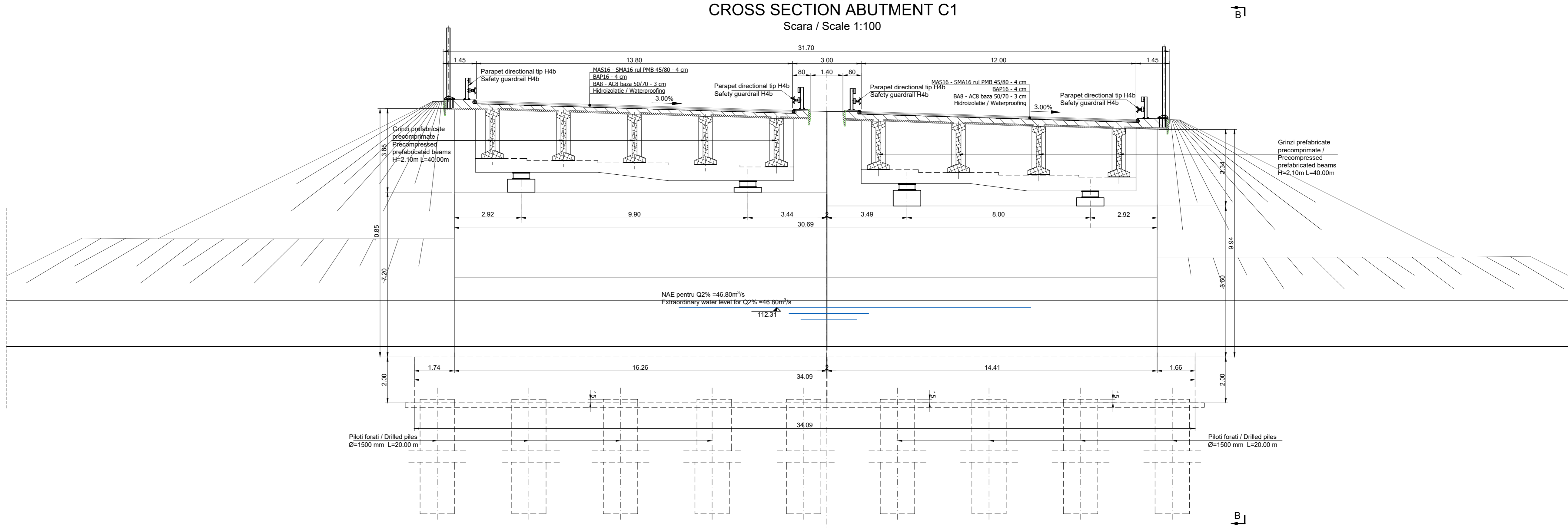
VEDERE LONGITUDINALA B-B
LONGITUDINAL VIEW B-B
Scara / Scale 1:200



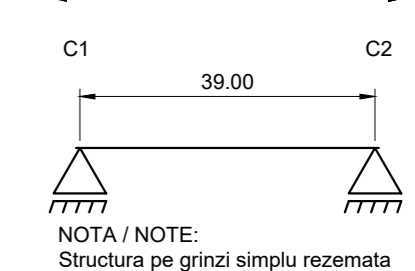
VEDERE PLANA A-A
PLAN VIEW A-A
Scara / Scale 1:200



SECTIUNE TRANSVERSALA CULEA C1
CROSS SECTION ABUTMENT C1
Scara / Scale 1:100

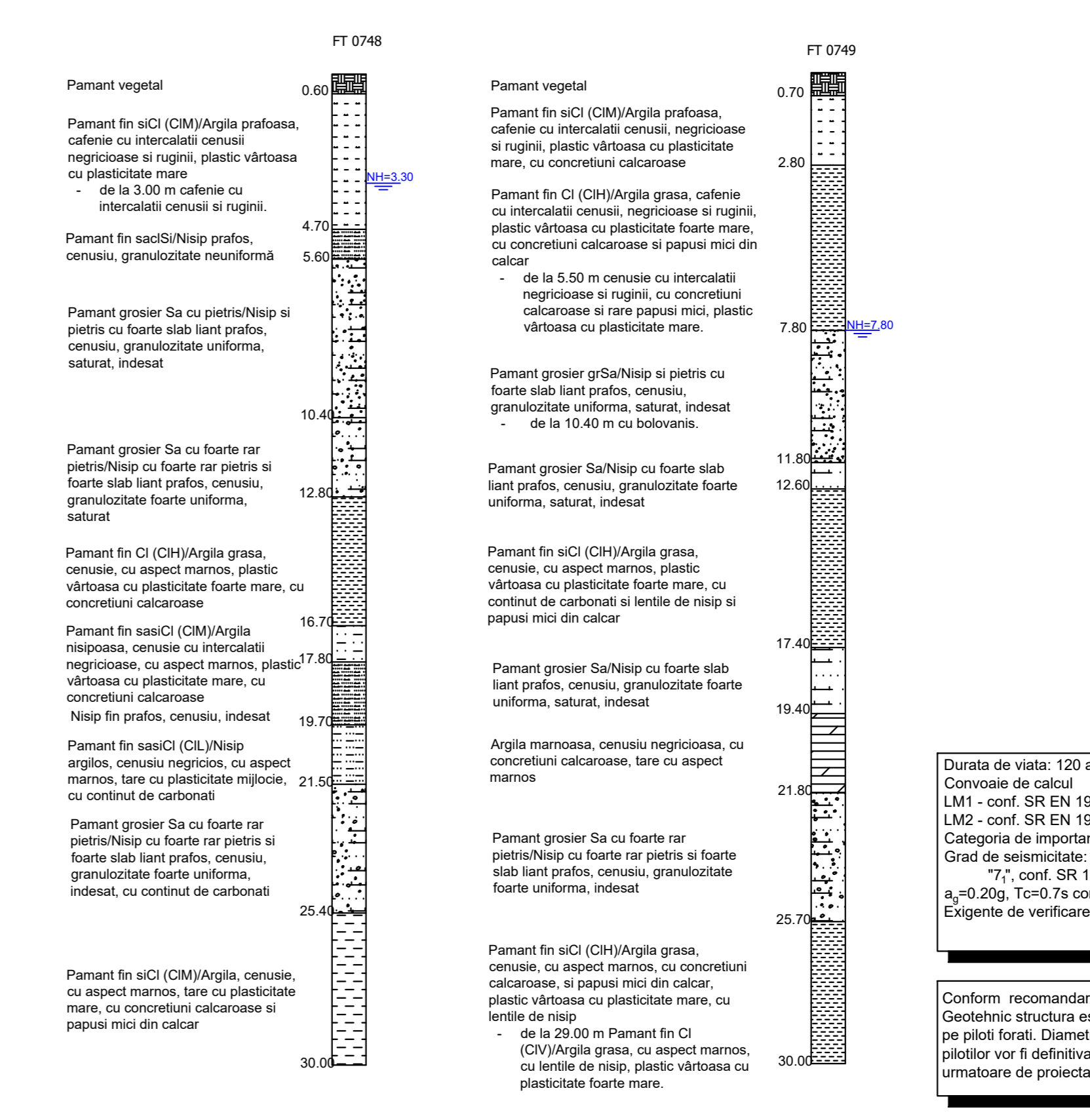


SCHEMA STATICA
STATIC SCHEME



NOTA / NOTE:
Structura pe grinzii simplu rezemata
Simply supported girder structure

CENTRALIZATOR CLASE DE BETON CONCRETE CLASS SUMMARY		
Element / Element	Clasa de beton / Concrete class	Clasa de expunere / Exposure classes
Beton de egalizare / Leveling concrete	C12/15	X0
Piloți forati / Drilled piles	C30/37	XC4
Radiere / Foundations	C35/45	XC4
Elevati / Elevations	C35/45	XC4 XD3 XF4
Placa de suprabetonare / Overconcreting slab	C35/45	XC1 XD3
Antrebrase / Cross beams	C35/45	XC1 XD3
Pereu / Riprap	C30/37	XC4 XF2
Fundatii pereu / Riprap foundations	C30/37	XC4
Aripi / Wing Walls	C35/45	XC4 XD3 XF4
Grinzii prefabricate / Prefabricated beams	C50/60	XC3 XF1 XF3
Predale / Prestabs	C35/45	XC3 XF1 XF3



Durata de viata: 120 ani
Convolve de calcul
LM1 - conf. SR EN 1991-2:2005
LM2 - conf. SR EN 1991-2:2005
Categorie de importanta: "B"
Grad de seismicitate: "7", conf. SR 111001-93
a₀=0.20g, Tc=0.7s conf. P100-1:2013
Exigente de verificare faza PT: A4, B2, D
At

Lifespan: 120 years
Loading convolve
LM1 - acc. SR EN 1991-2:2005
LM2 - acc. SR EN 1991-2:2005
Importance category: "B"
Seismic area characteristics: "7", acc. SR 111001-93
a₀=0.20g, Tc=0.7s acc. P100-1:2013
Quality requirements for TP phase: A4, B2, D
At

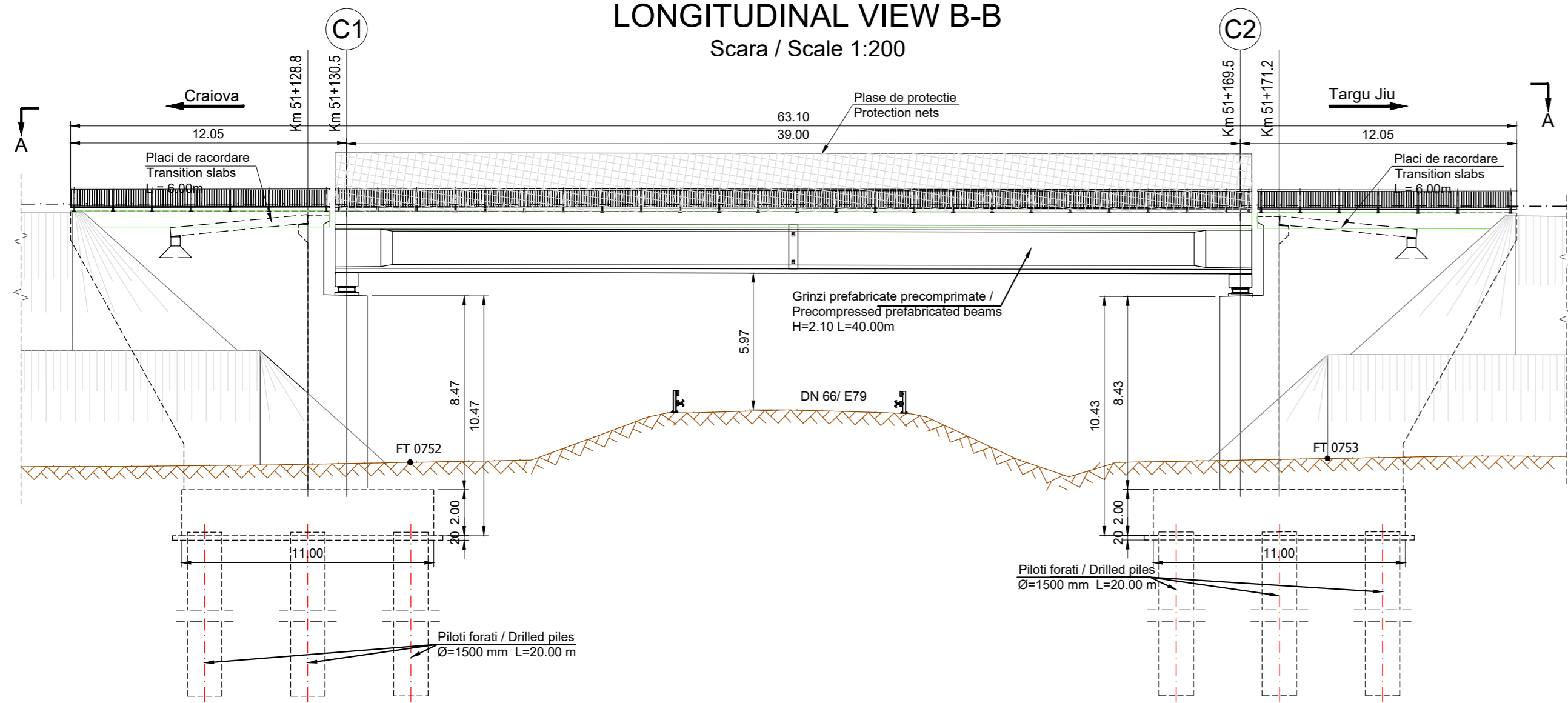
Conform recomandarilor Studiului Geotehnic structura este fundata indirect pe piloti forati. Diametrul si lungimea pilonilor vor fi definitivi in etapa urmatoare de proiectare conform HG 907.

According to the recommendations of the Geotechnical Study, the structure is indirectly founded on drilled piles. The diameter and length of the piles will be finalized in the next stage of design according to HG 907.

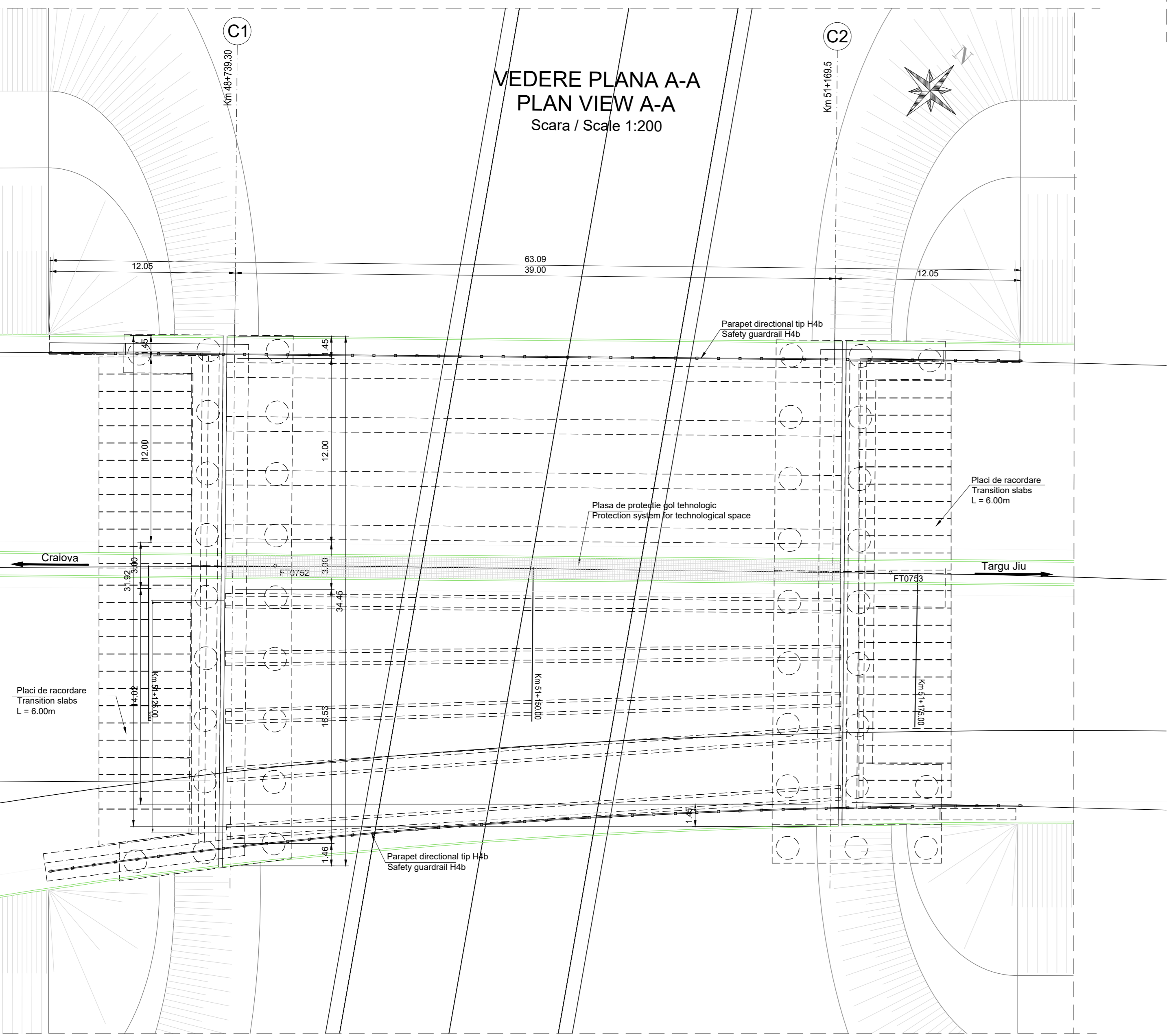
Note:
• Reprezentarea profilului de Autostrada / Drum Express / drum este informativa. Profilele transversale tip se regasesc in volumul de Lucrari de Drum.
• Eventuale imbunatatiri ale terenului de fundatie se vor executa conform recomandarilor Studiului Geotehnic.
• Representation of the profile for Motorway / Express Road / road is informative. Typical cross-sections are found in the Roadworks volume.
• Possible improvements of the foundation ground will be executed according to recommendations of the Geotechnical Study.

REPERENȚĂ (CLIENT):
COMPANIA NATIONALA DE ADMINISTRARE A INFRASTRUCTURII
NATIONAL ADMINISTRATION COMPANY OF ROAD INFRASTRUCTURE
PROIECTANT ASOCIEREA INGINERILOR ASOCIATI
egis SEARCH COOPERATION SRL
ELABORARE STUDIUL DE FEZABILITATE SI PROIECT TEHNIC PENTRU AUTOSTRADA CRAIOVA-VALERIA SI DRUM EXPRESS VALERIA-ARGHIS
PREPARATION OF FEASIBILITY STUDY AND TECHNICAL DESIGN FOR CRAIOVA-VALERIA MOTORWAY AND VALERIA-ARGHIS EXPRESS ROAD
LUCRARI DE PODURI, VIADUCTE SI PASAJE BRIDGES, VIADUCTS AND PASSAGES WORKS
DISPOZITIE GENERALA LA LAYOUT
Pod pe Autostrada
km 50+619 peste Bretea 2 Nod Tantareni si Raul Valea Iepii / Bridge on Motorway pk 50+619 over Link 2 Tantareni Interchange and Valea Iepii River
COORDONATOR DE PROIECT IN SHADAM
ADJUNCT DE PROIECT IN SHADAM
COORDONATOR DE PROIECT BRIDGE DESIGN ENGINEER
INGINER PROIECTANT DE PODURI BRIDGE DESIGN ENGINEER
INGINER PROIECTANT DE PODURI BRIDGE DESIGN ENGINEER
INGINER PROIECTANT DE PODURI BRIDGE DESIGN ENGINEER
VERIFICAT INTERN INTERNAL CHECKER
Contract nr. 9222/2017
Date: 10/2023
Scale: 1:200 / 1:100
Cadr. desen: 2019-CT1-SF-41-A-3-005_04800
Drawing number:

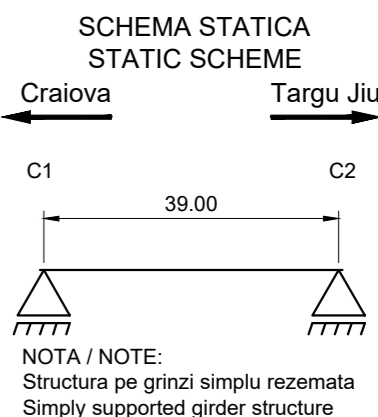
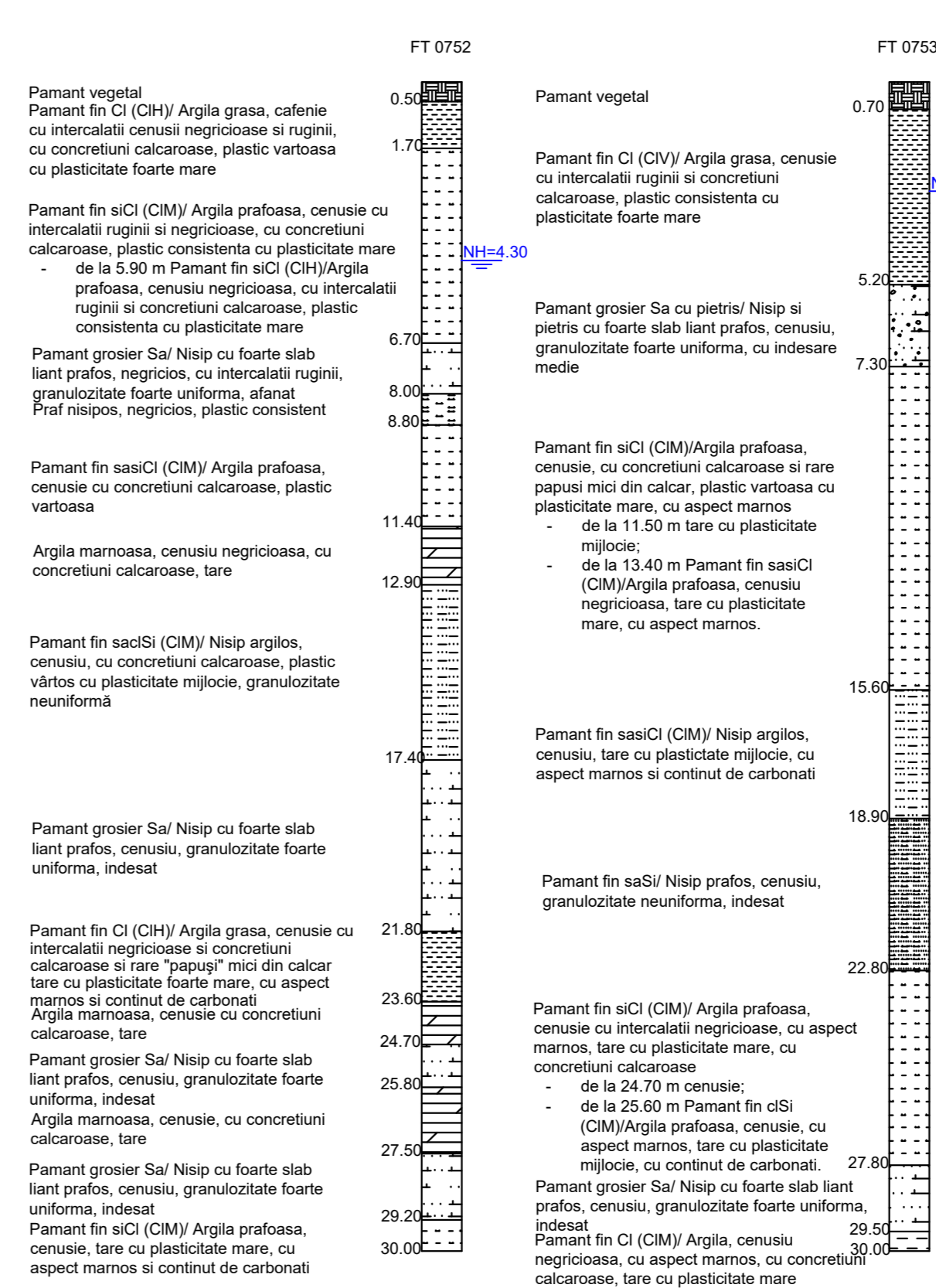
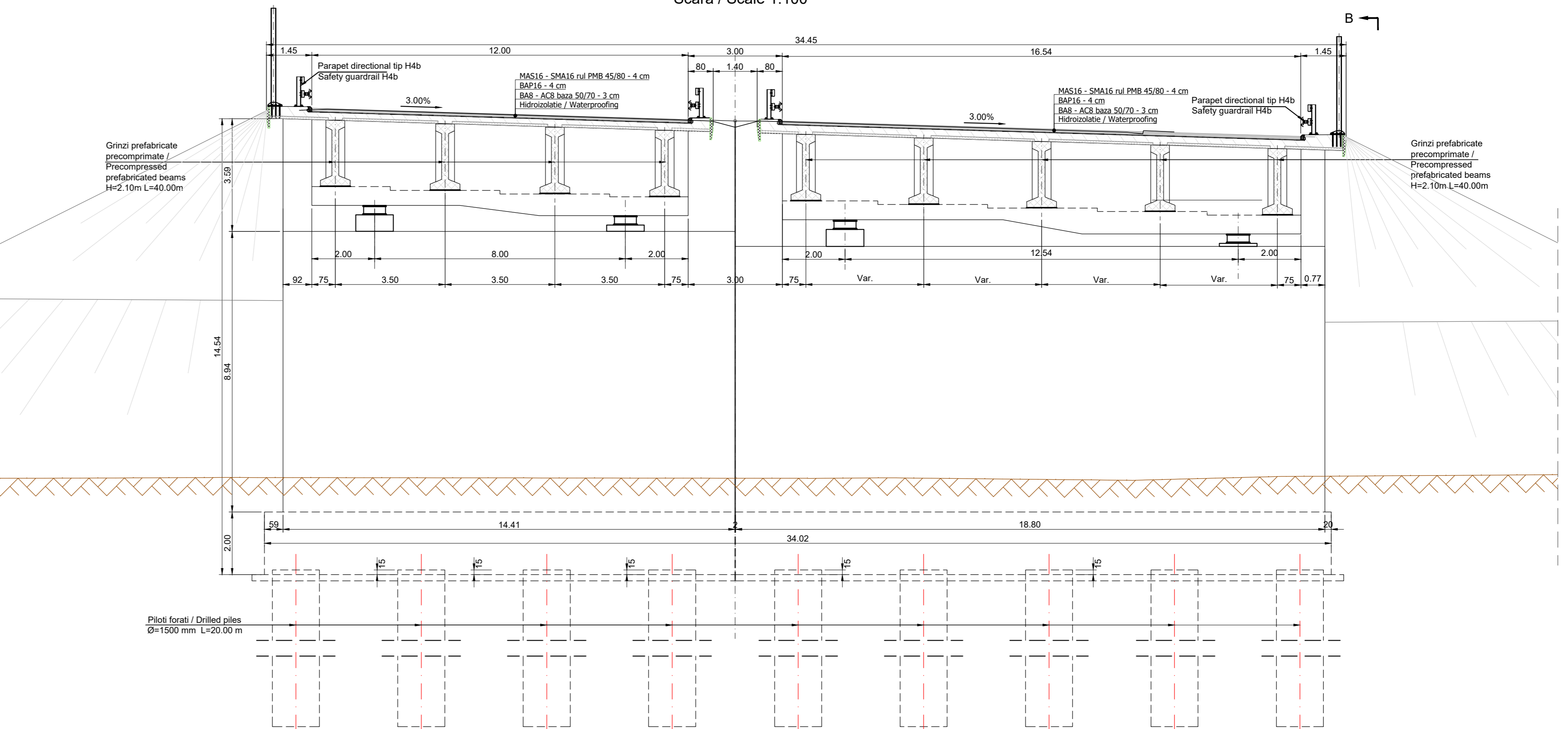
VEDERE LONGITUDINALA B-B
LONGITUDINAL VIEW B-B
Scara / Scale 1:200



VEDERE PLANA A-A
PLAN VIEW A-A
Scara / Scale 1:200



SECTIUNE TRANSVERSALA CULEE C1
CROSS SECTION ABUTMENT C1
Scara / Scale 1:100



CENTRALIZATOR CLASE DE BETON CONCRETE CLASS SUMMARY		
Element / Element	Clasa de beton / Concrete class	Clase de expunere / Exposure classes
Beton de egalizare / Leveling concrete	C12/15	X0
Piloți forati / Drilled piles	C30/37	XC4
Radiere / Foundations	C35/45	XC4
Elevatii / Elevators	C35/45	XC4 XD3 XF4
Placa de suprabetonare / Overconcreting slab	C35/45	XC1 XD3
Anstrezoaze / Cross beams	C35/45	XC1 XD3
Pereu / Rripar	C30/37	XC4 XF2
Fundatii pereu / Rripar foundations	C30/37	XC4
Aripi / Wing Walls	C35/45	XC4 XD3 XF4
Grinzi prefabricate / Prefabricated beams	C50/60	XC3 XF1 XF3
Predale / Preslabs	C35/45	XC3 XF1 XF3

Durata de viata: 120 ani Convoaie de calciu LM1 - conf. SR EN 1991-2:2005 LM2 - conf. SR EN 1991-2:2005 Categorie de importanta: "B" Grad de seismicitate: "7", conf. SR 11000/1-93 a ₀ =0.20g, T=0.7s conf. P100-1:2013 Exigente de verificare faza PT: A4, B2, D Af	Life span: 120 years Loading convoys LM1 - acc. SR EN 1991-2:2005 LM2 - acc. SR EN 1991-2:2005 Importance category: "B" Seismic area characteristics: "7", acc. SR 11000/1-93 a ₀ =0.20g, T=0.7s acc. P100-1:2013 Quality requirements for TP phase: A4, B2, D Af
--	--

Conform recomandarilor Studiului Geotehnic structura este fundata indirect pe piloti forati. Diametrul si lungimea pilotilor vor fi definitive in etapa urmatoare de proiectare conform HG 907.

According to the recommendations of the Geotechnical Study, the structure is indirectly founded on drilled piles. The diameter and length of the piles will be finalized in the next stage of design according to HG 907.

- Note:
- Reprezentarea profilului de Autostrada / Drum Expres / drum este informativa. Profilele transversale tip se regasesc in volumul de Lucrari de Drum.
 - Eventuale imbunatatiri ale terenului de fundare se vor executa conform recomandarilor Studiului Geotehnic.
 - Representation of the profile for Motorway / Express Road / road is informative. Typical cross-sections are found in the Roadworks volume.
 - Possible improvements of the foundation ground will be executed according to recommendations of the Geotechnical Study.

BENEFICIAR / CLIENT: COMPANIA NATIONALA DE ADMINISTRARE A INFRASTRUCTURII RUTIERE
NATIONAL ADMINISTRATION COMPANY OF ROAD INFRASTRUCTURE
PROIECTANT / ASOCIEREA / DESIGNER ASSOCIATION: egis | SEARCH CORPORATION
EGIS ROMANIA SA | SEARCH CORPORATION SRL

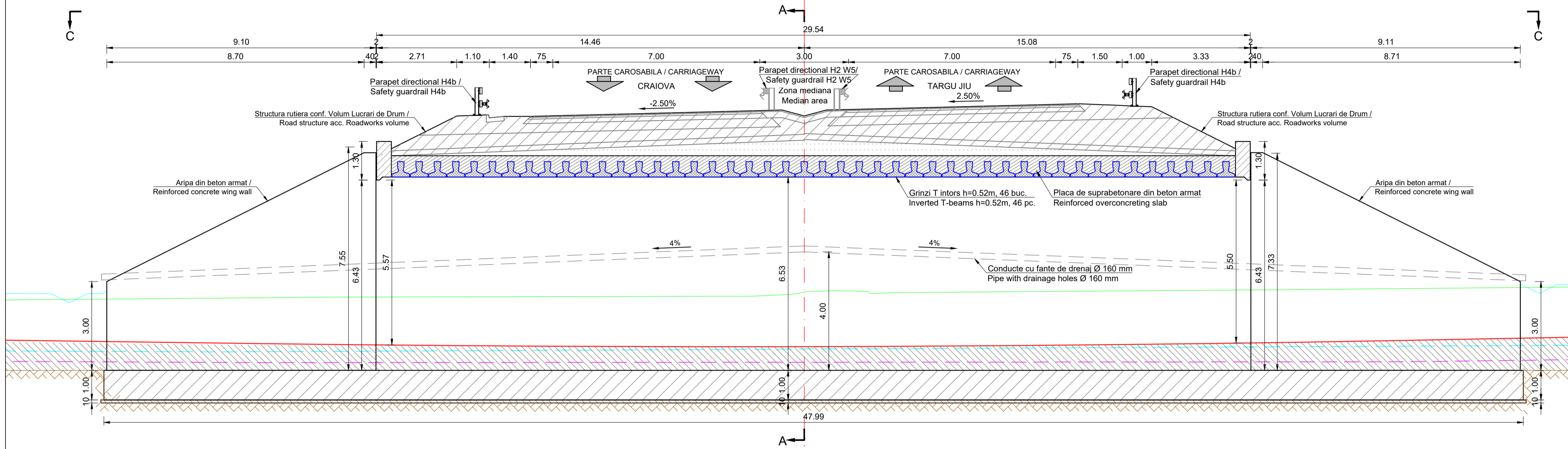
ELABORARE STUDIUL DE FEZABILITATE SI PROIECT TEHNIC PENTRU AUTOSTRADA CRAIOVA-FILAS BI ORHON EXPRES FILAS TARGU JIU
PREPARATION OF FEASIBILITY STUDY AND TECHNICAL DESIGN FOR CRAIOVA-FILAS BI ORHON EXPRES ROAD
LUCRARI DE PODURI, VIADUCTE SI PASAJE
BRIDGES, VIADUCTS AND PASSAGES WORKS

DISPOZITIE GENERALA
GENERAL LAYOUT
Pasaj pe Autostrada
km 51+129 peste DN 66/E79 /
Passage on Motorway
pk 51+129 over DN 66/E79

COORDONATOR ADJUNCT DE PROIECT: R. THADANI
PROJECT COORDINATOR DEPUTY: R. THADANI
INGINER PROIECTANT DE PODURI: G. PERICOLE
BRIDGE DESIGN ENGINEER: G. PERICOLE
INGINER PROIECTANT DE PODURI: G. BARONCEA
BRIDGE DESIGN ENGINEER: G. BARONCEA
INGINER PROIECTANT DE PODURI: M. ANDREI
BRIDGE DESIGN ENGINEER: M. ANDREI
VERIFICATOR INTERN: A. PRODAN
INTERNAL CHECKER: A. PRODAN
Contract nr.: 62/22579
Contract no.: 62/22579
Data: 10/2023
Date: 10/2023
Scara: 1:200 / 1:100
Scale: 1:200 / 1:100
Cod desen: 22579-C19-9F-4-A.3.3.00-3_05-003
Drawing number: 22579-C19-9F-4-A.3.3.00-3_05-003

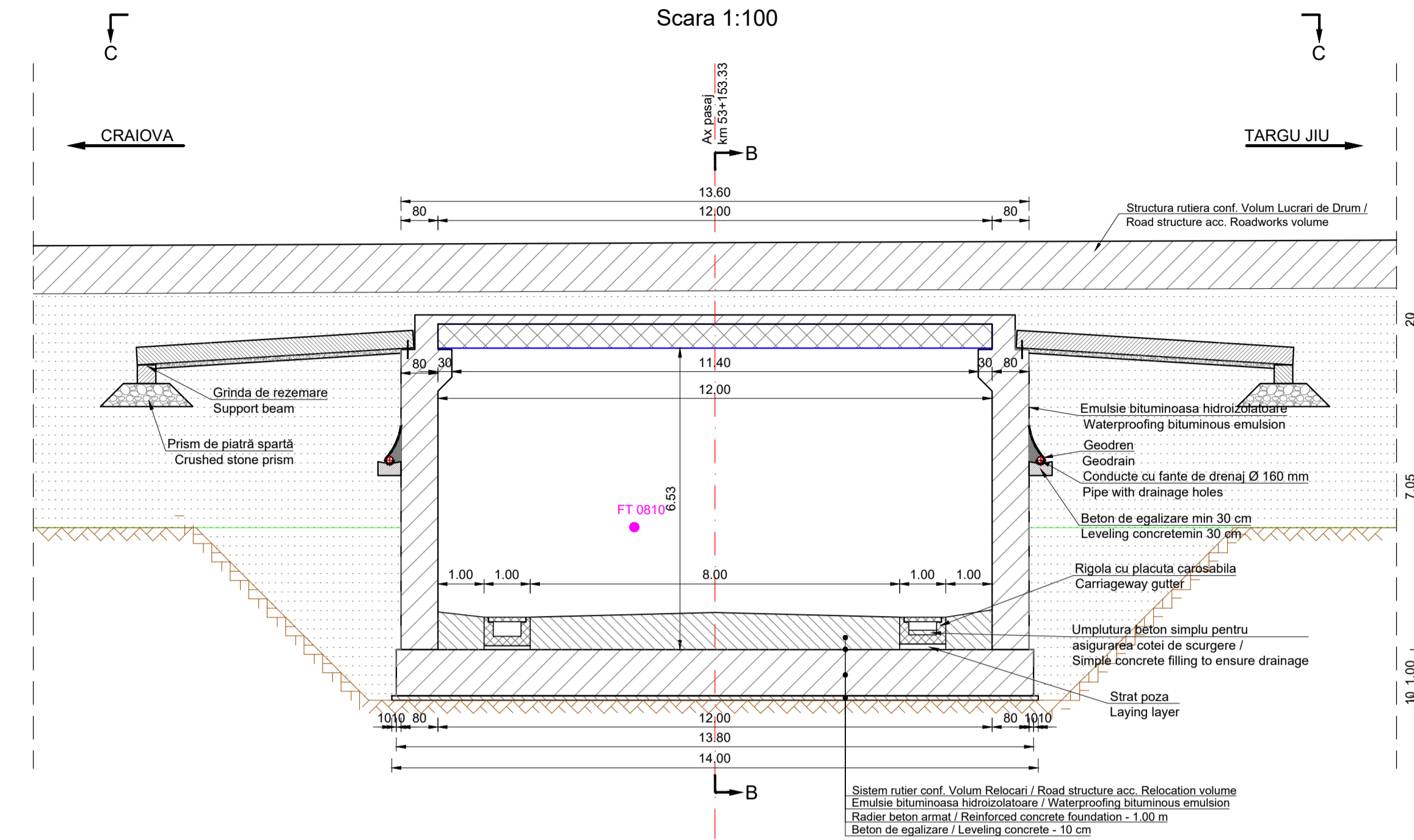
ELEVATIE B-B
ELEVATION B-B

Scara / Scale 1:100



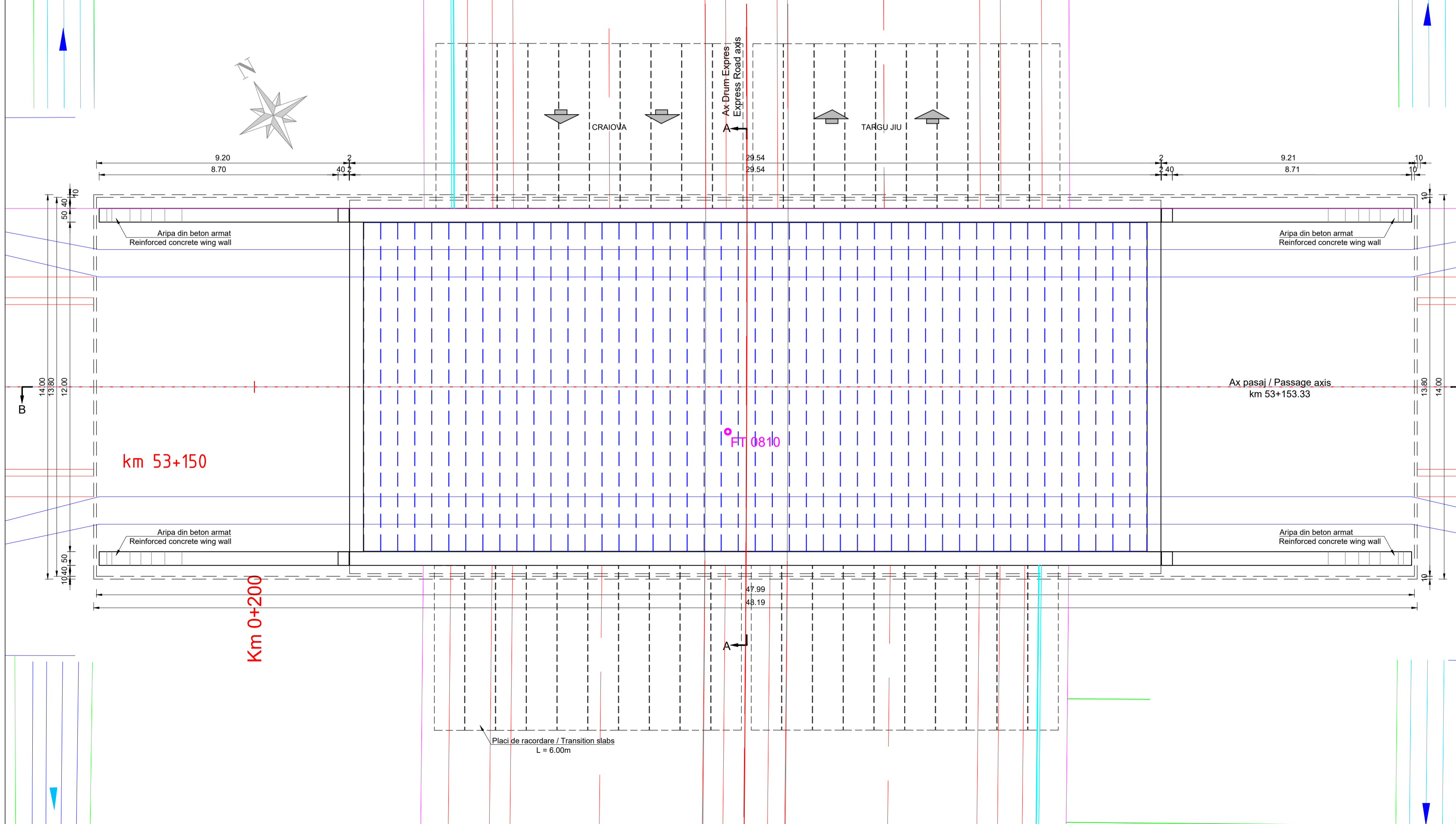
SECTIUNE A-A
CROSS SECTION A-A

Scara 1:100

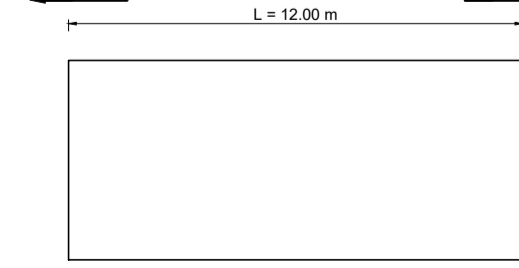


VEDERE PLANA C-C
PLAN VIEW C-C

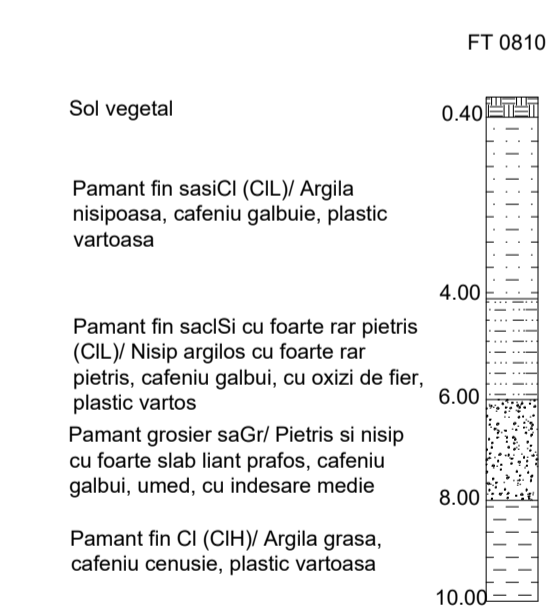
Scara / Scale 1:100



SCHEMA STATICA
STATIC SCHEME



Nota / Note:
Structura cascatina executata monolit / Monolithic box structure



CENTRALIZATOR CLASE DE BETON
CONCRETE CLASS SUMMARY

Element / Element	Clasa de beton / Concrete class	Clase de expunere / Exposure classes
Beton de egalizare / Leveling concrete	C12/15	X0
Piloti forati / Drilled piles	C30/37	XC4
Radieri / Foundations	C35/45	XC4
Elevatii / Elevations	C35/45	XC4 XD3 XF4
Placa de suprabetonare / Overconcreting slab	C35/45	XC1 XD3
Antretoaze / Cross beams	C35/45	XC1 XD3
Pereu / Riprap	C30/37	XC4 XF2
Fundatii pereu / Riprap foundations	C30/37	XC4
Aripi / Wing Walls	C35/45	XC4 XD3 XF4
Grinzi prefabricate / Prefabricated beams	C50/60	XC3 XF1 XF3
Predale / Pre-slabs	C35/45	XC3 XF1 XF3

Durata de viata: 120 ani
Convazite de calcul
LM1 - conf. SR EN 1991-2:2005
LM2 - conf. SR EN 1991-2:2005
Categoriza de importanta: "B"
Grad de seismicitate:
"7", conf. SR 111001-03
a₀=0.20g, Tc=1.0s conf. P100-1:2013
Exigente de verificare faza PT: A4, B2, D
Af

Lifespan: 120 years
Loading convoys
LM1 - acc. SR EN 1991-2:2005
LM2 - acc. SR EN 1991-2:2005
Importance category: "B"
Seismic area characteristics:
"7", acc. SR 111001-03
a₀=0.20g, Tc=1.0s acc. P100-1:2013
Quality requirements for TP phase: A4, B2, D
Af

Not:

- Representarea profilului de Autostrada / Drum Express / drum este informativa. Profilele transversale tip se regasesc in volumul de Lucrari de Drum.
- Eventuale imbunatatiri ale terenului de fundare se vor executa conform recomandarilor Studiului Geotehnic.
- Representation of the profile for Motorway / Express Road / road is informative. Typical cross-sections are found in the Roadworks volume.
- Possible improvements of the foundation ground will be executed according to recommendations of the Geotechnical Study.

BENEFICIAR / CLIENT:
COMPANIA NATIONALA DE ADMINISTRARE A INFRASTRUCTURII RUTIERE
NATIONAL ADMINISTRATION COMPANY OF ROAD INFRASTRUCTURE

PROIECTANT / ASOCIAREA / DESIGNER ASSOCIATION:
egis SEARCH CORPORATION SRL

EGIS ROMANIA SA

ELABORARE STUDIU DE FEZABILITATE SI PROIECT TEHNIC PENTRU AUTOSTRADA CRAIOVA-PLIAB SI DRUM EXPRESS PLIAB-TARGU JIU
PREPARATION OF FEASIBILITY STUDY AND TECHNICAL DESIGN FOR CRAIOVA-PLIAB MOTORWAY AND PLIAB-TARGU JIU EXPRESS ROAD

LUCRARI DE PODURI, VIADUCTE SI PASAJE
BRIDGES, VIADUCTS AND PASSAGES WORKS

DISPOZITIE GENERALA
GENERAL LAYOUT
Pasaj pe Drum Express
km 53+147 peste Drum local 17 /
Passage on Express Road
pk 53+147 over Local road 17

COORDONATOR / LEAD DESIGNER: R. THADANI

PROIECTANT / DESIGNER: G. PERICOLE

INGINER PROIECTANT DE PODURI / BRIDGE DESIGN ENGINEER: G. BARONEA

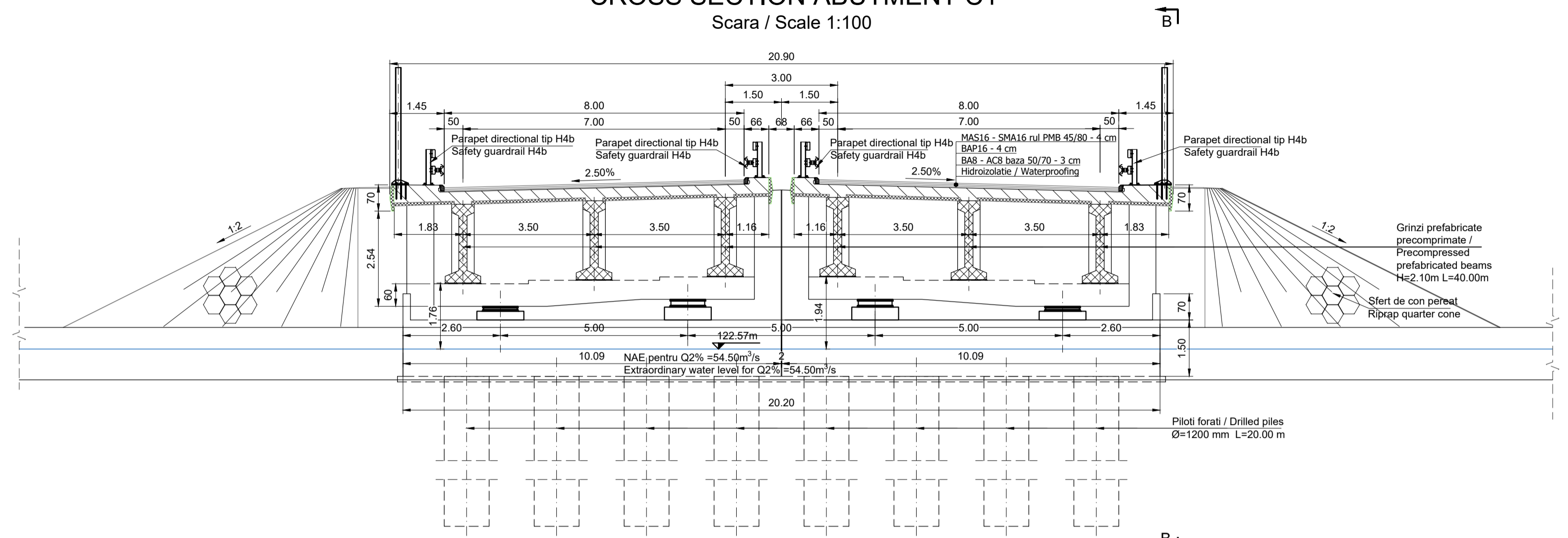
INGINER PROIECTANT DE PODURI / BRIDGE DESIGN ENGINEER: M. ANDREI

VERIFICATOR INTERN / INTERNAL CHECKER: A. PRODAN

Contract nr. 92/22579 / Revision nr. 0
Data: 10/2023 / Scara: 1:100
Date: 10/2023 / Scale: 1:100
Cod desen: 22579-015-01-A1-A3.3.03-3_06-000 / Drawing number:

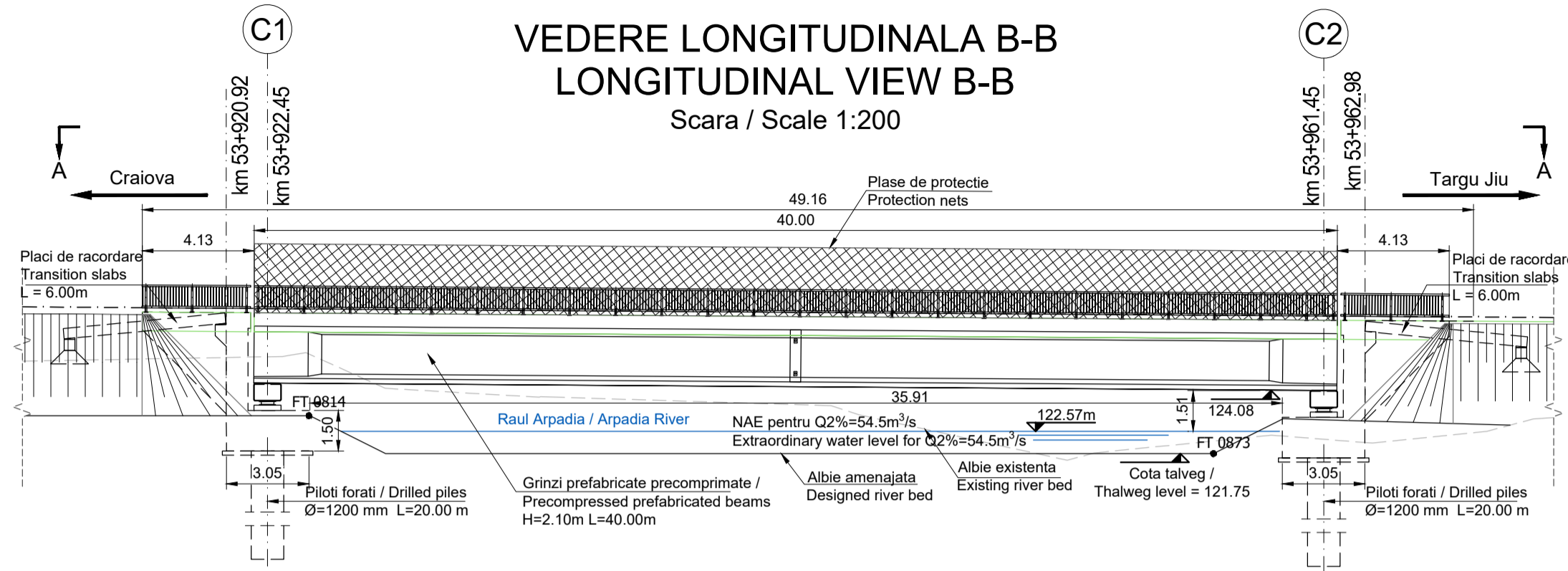
SECTIUNE TRANSVERSALA CULEA C1 CROSS SECTION ABUTMENT C1

Scara / Scale 1:100



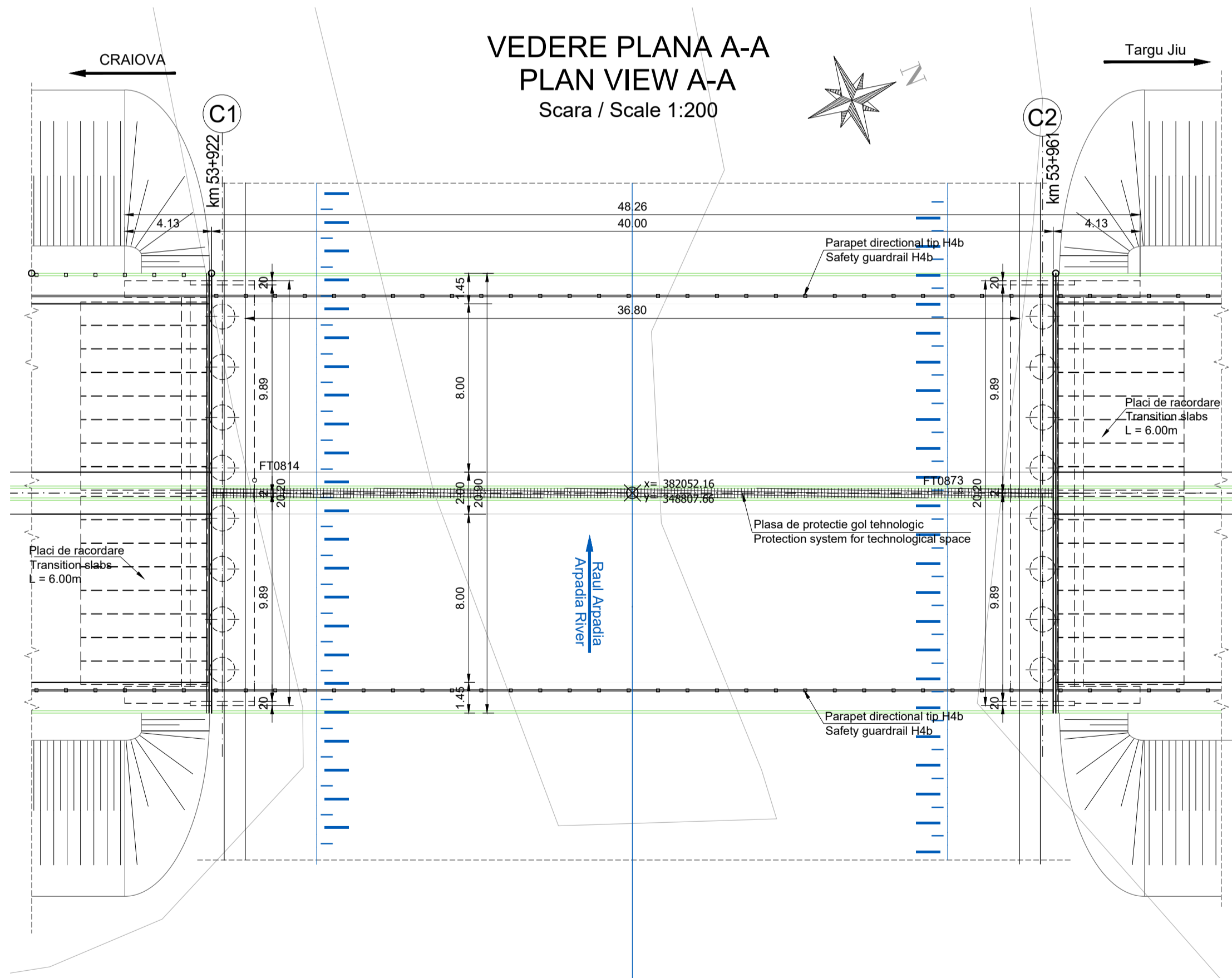
VEDERE LONGITUDINALA B-B LONGITUDINAL VIEW B-B

Scara / Scale 1:200

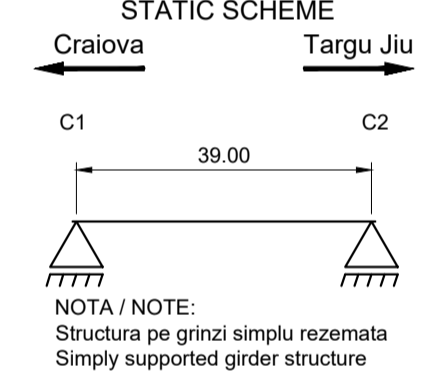


VEDERE PLANA A-A PLAN VIEW A-A

Scara / Scale 1:200

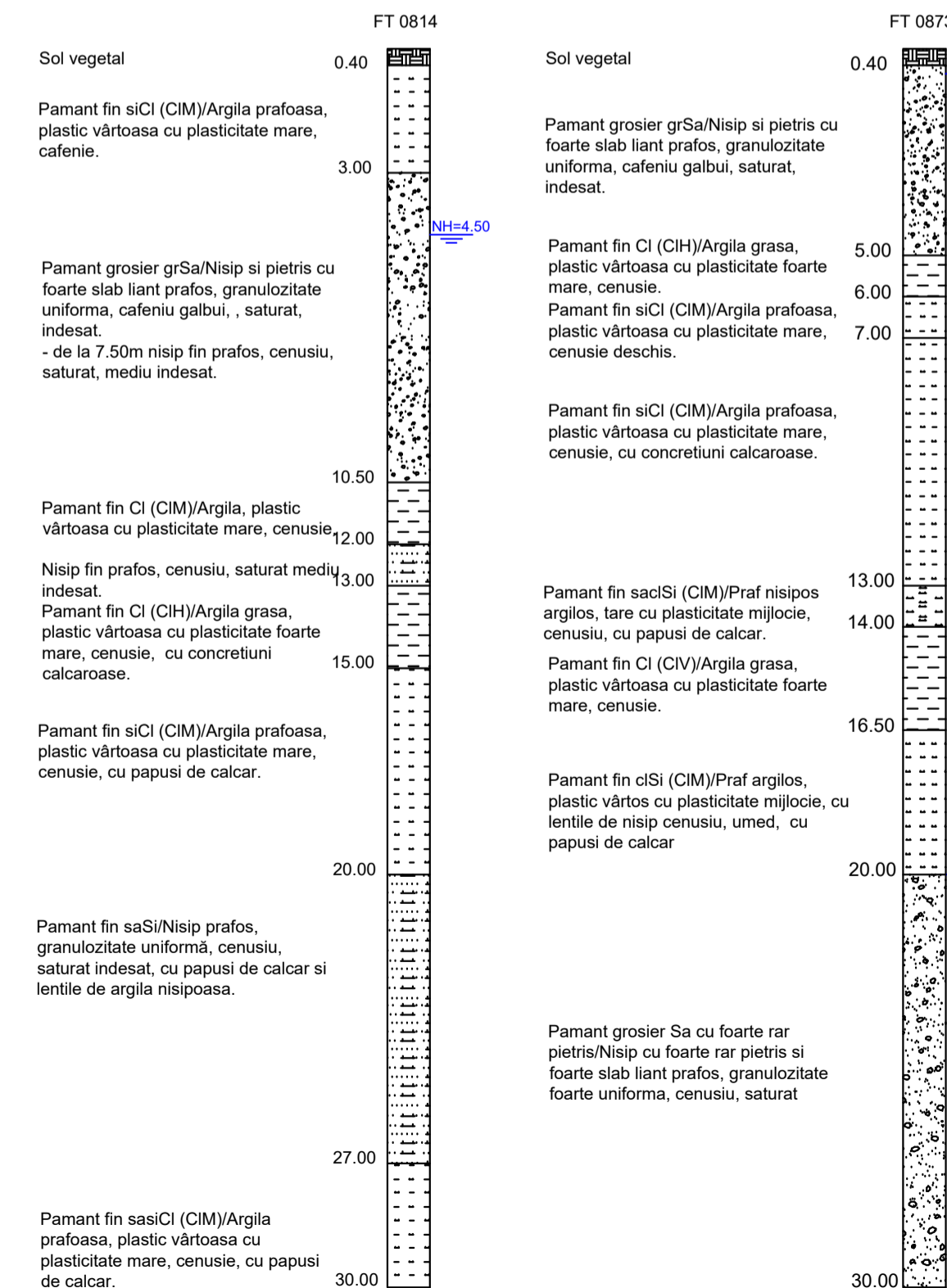


SCHEMA STATICA STATIC SCHEME



CENTRALIZATOR CLASE DE BETON CONCRETE CLASS SUMMARY

Element / Element	Clasa de beton / Concrete class	Clase de expunere / Exposure classes
Beton de egalizare / Leveling concrete	C12/15	X0
Piloti forati / Drilled piles	C30/37	XC4
Radiere / Foundations	C35/45	XC4
Elevatii / Elevations	C35/45	XC4 XD3 XF4
Placa de suprabetonare / Overconcreting slab	C35/45	XC1 XD3
Antretoaze / Cross beams	C35/45	XC1 XD3
Pereu / Riprap	C30/37	XC4 XF2
Fundatii pereu / Riprap foundations	C30/37	XC4
Aripi / Wing Walls	C35/45	XC4 XD3 XF4
Grinzi prefabricate / Prefabricated beams	C50/60	XC3 XF1 XF3
Predale / Preslabs	C35/45	XC3 XF1 XF3



Durata de viata: 120 ani
Convoaie de calcul LM1 - conf. SR EN 1991-2:2005 LM2 - conf. SR EN 1991-2:2005
Categoria de importanta: "B"
Grad de seismicitate: "7", conf. SR 11100/1-93
 $a_s=0.20g, T_c=0.7s$ conf. P100-1:2013
Exigente de verificare faza PT: A4, B2, D Af

Lifespan: 120 years
Loading convoys LM1 - acc. SR EN 1991-2:2005 LM2 - acc. SR EN 1991-2:2005
Importance category: "B"
Seismic area characteristics: "7", acc. SR 11100/1-93
 $a_s=0.20g, T_c=0.7s$ acc. P100-1:2013
Quality requirements for TP phase: A4, B2, D Af

Conform recomandarilor Studiului Geotehnic structura este fundata indirect pe piloti forati. Diametrul si lungimea pilotilor vor fi definitivate in etapa urmatoare de proiectare conform HG 907.

According to the recommendations of the Geotechnical Study, the structure is indirectly founded on drilled piles. The diameter and length of the piles will be finalized in the next stage of design according to HG 907.

Note:

- Reprezentarea profilului de Autostrada / Drum Expres / drum este informativa. Profilele transversale tip se regasesc in volumul de Lucrari de Drum.
- Eventuale imbunatatiri ale terenului de fundare se vor executa conform recomandarilor Studiului Geotehnic.
- Representation of the profile for Motorway / Express Road / road is informative. Typical cross-sections are found in the Roadworks volume.
- Possible improvements of the foundation ground will be executed according to recommendations of the Geotechnical Study.

BENEFICIAR / CLIENT: COMPANIA NATIONALA DE ADMINISTRARE A INFRASTRUCTURII RUTIERE
NATIONAL ADMINISTRATION COMPANY OF ROAD INFRASTRUCTURE

PROIECTANT ASOCIEREA / DESIGNER ASSOCIATION: egis SEARCH CORPORATION

ELABORARE STUDIU DE FEZABILITATE SI PROIECT TEHNIC PENTRU AUTOSTRADA CRAIOVA-FILIASI SI DRUM EXPRES FILIASI-TARGU JIU
PREPARATION OF FEASIBILITY STUDY AND TECHNICAL DESIGN FOR CRAIOVA-FILIASI MOTORWAY AND FILIASI-TARGU JIU EXPRESS ROAD

LUCRARI DE PODURI, VIADUCTE SI PASAJE BRIDGES, VIADUCTS AND PASSAGES WORKS

DISPOZITIE GENERALA GENERAL LAYOUT
Pod pe Drum Expres km 53+920 peste Raul Arpadia / Bridge on Express Road pk 53+920 over Arpadia River

COORDONATOR ADJUNCT DE PROIECT R. THADANI
PROJECT COORDINATOR DEPUTY R. Thadani

INGINER PROIECTANT DE PODURI G. PERICOLU
BRIDGE DESIGN ENGINEER G. Pericolu

INGINER PROIECTANT DE PODURI G. BARONCEA
BRIDGE DESIGN ENGINEER G. Baroncea

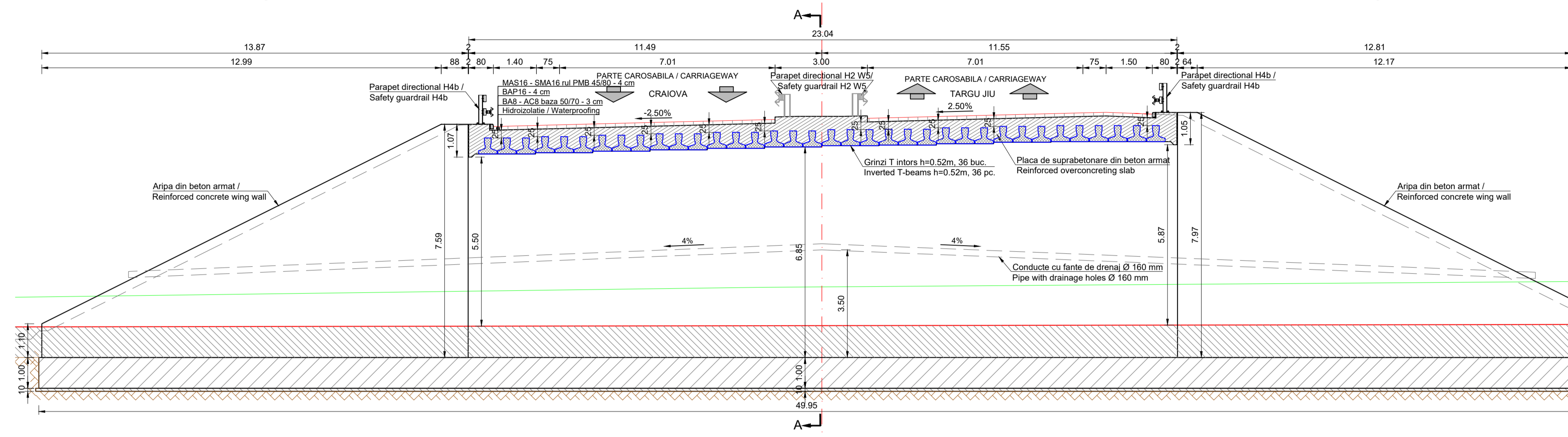
INGINER PROIECTANT DE PODURI M. ANDREI
BRIDGE DESIGN ENGINEER M. Andrei

VERIFICAT INTERN INTERNAL CHECKER A. PRODAN

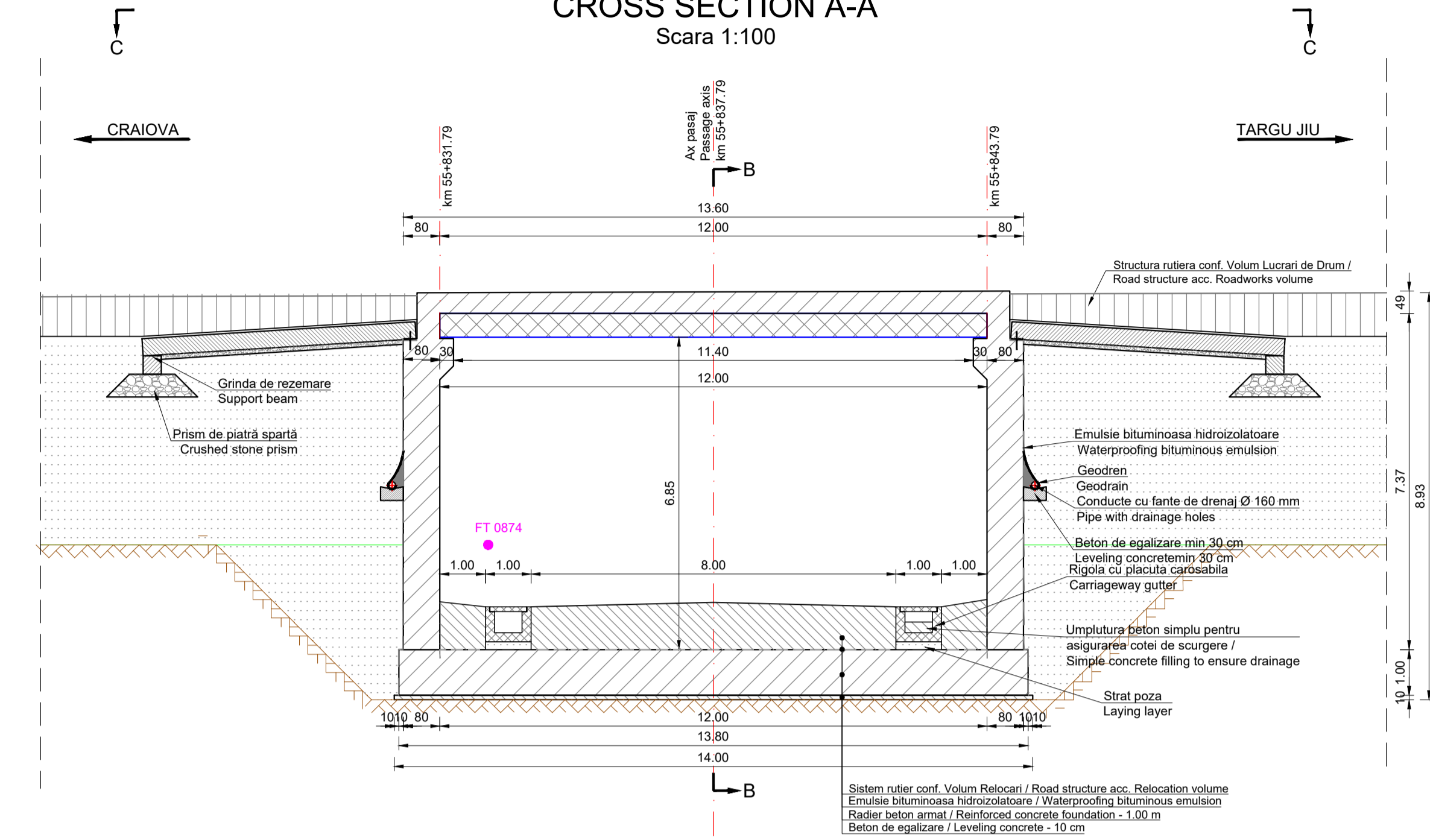
Contract nr. 92/22579
Contract no. 92/22579
Date: 10/2023
Cod desen: 22579-C1J-SF-4-LA-3-3-DG-S_07-R00
Drawing number:

Revizii nr. 0
Revision no. 0
Scara: 1:200 / 1:100
Scale: 1:200 / 1:100

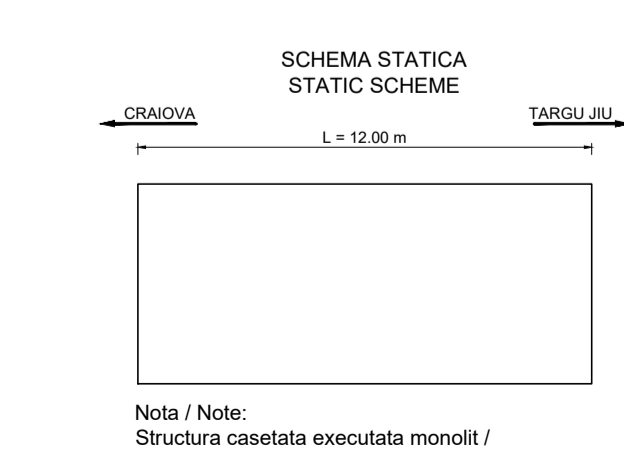
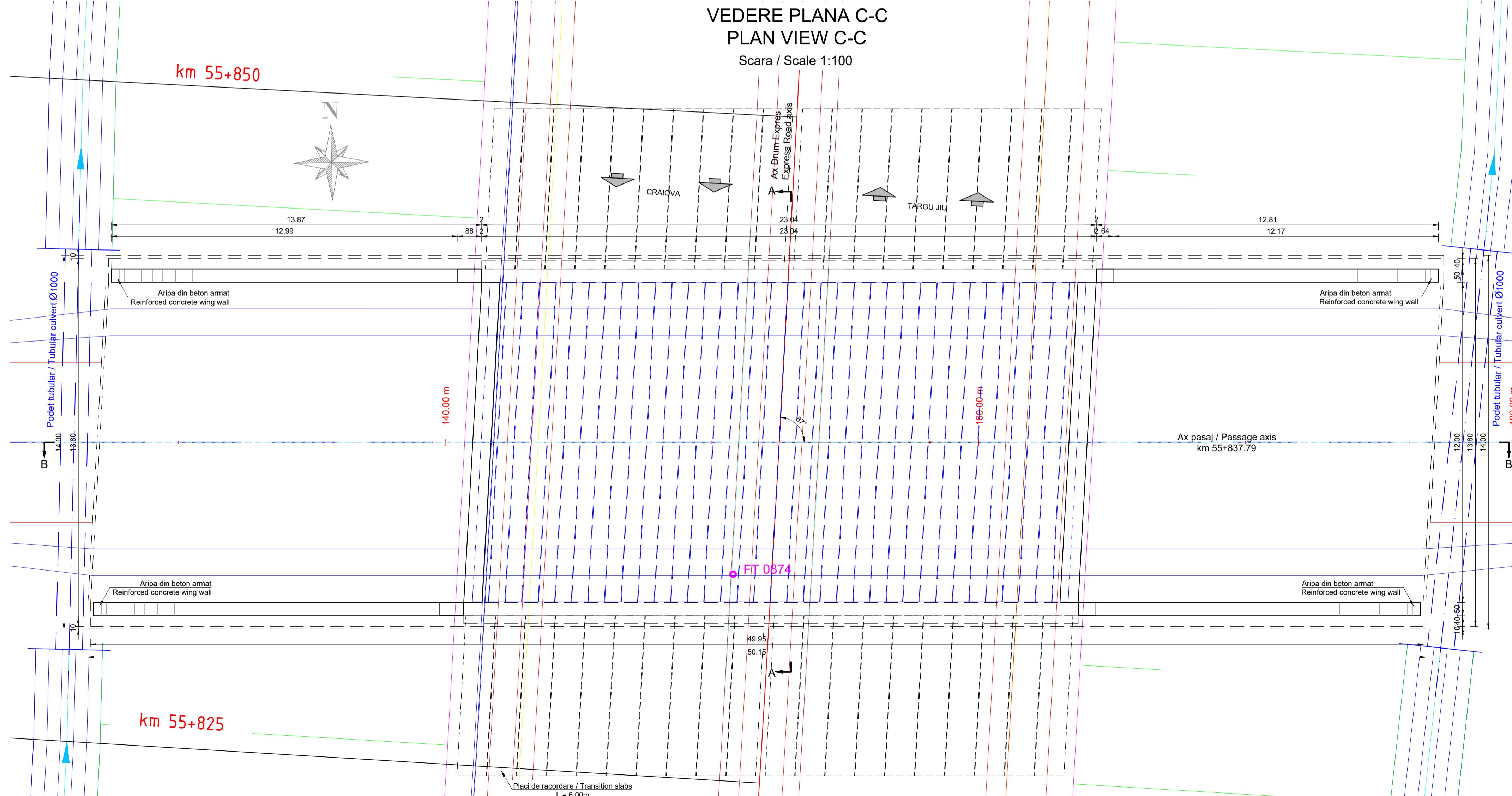
ELEVATIE B-B
ELEVATION B-B
Scara / Scale 1:100



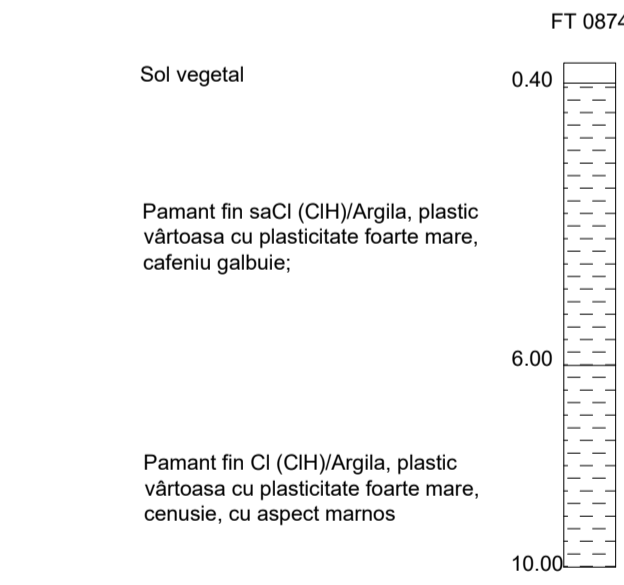
SECTIUNE A-A
CROSS SECTION A-A
Scara 1:100



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



Nota / Note:
Structura casetata executata monolit /
Monolithic box structure



CENTRALIZATOR CLASE DE BETON CONCRETE CLASS SUMMARY		
Element / Element	Clasa de beton / Concrete class	Clase de expunere / Exposure classes
Beton de egalizare / Leveling concrete	C12/15	X0
Piloti forati / Drilled piles	C30/37	XC4
Radieri / Foundations	C35/45	XC4
Elevatii / Elevations	C35/45	XC4 XD3 XF4
Placa de suprabetonare / Overconcreting slab	C35/45	XC1 XD3
Antretoaze / Cross beams	C35/45	XC1 XD3
Pereu / Riprap	C30/37	XC4 XF2
Fundatii pereu / Riprap foundations	C30/37	XC4
Aripi / Wing Walls	C35/45	XC4 XD3 XF4
Grinzi prefabricate / Prefabricated beams	C50/60	XC3 XF1 XF3
Predale / Pre-slabs	C35/45	XC3 XF1 XF3

Durata de viata: 120 ani
Convansie de calcul:
LM1 - conf. SR EN 1991-2:2005
LM2 - conf. SR EN 1991-2:2005
Categorica de importanta: "B"
Grad de seismicitate:
71, conf. SR 111001-1:03
a₀=0.20g, Tc=0.7s conf. P100-1:2013
Exigente de verificare faza PT: A4, B2, D
Af

Lifespan: 120 years
Loading convoys:
LM1 - acc. SR EN 1991-2:2005
LM2 - acc. SR EN 1991-2:2005
Importance category: "B"
Seismic area characteristics:
71, acc. SR 111001-1:03
a₀=0.20g, Tc=0.7s acc. P100-1:2013
Quality requirements for TP phase: A4, B2, D
Af

Note:

- Reprezentarea profilului de Autostrada / Drum Express / drum este informativa. Profilele transversale tip se regasesc in volumul de Lucrari de Drum.
- Eventuale imbunatatiri ale terenului de fundare se vor executa conform recomandarilor Studiului Geotehnic.
- Representation of the profile for Motorway / Express Road / road is informative. Typical cross-sections are found in the Roadworks volume.
- Possible improvements of the foundation ground will be executed according to recommendations of the Geotechnical Study.

BENEFICIAR / CLIENT:
COMPANIA NATIONALA DE ADMINISTRARE SI EXPLOATARE A RETELII NATIONALE DE INFRASTRUCTURA DE CALDRAVURI
NATIONAL ADMINISTRATION COMPANY OF ROAD INFRASTRUCTURE

PROIECTANT / ASOCIEREA / DESIGNER ASSOCIATION:
EGIS ROMANIA SA

SEARCH CORPORATION SRL

LABORARE STUDIUL DE FEZABILITATE SI PROIECT TEHNIC PENTRU AUTOSTRADA CRAIOVA-FILIAS SI DRUM EXPRESS FILIAS-TARGU JIU
PREPARATION OF FEASIBILITY STUDY AND TECHNICAL DESIGN FOR CRAIOVA-FILIAS MOTORWAY AND FILIAS-TARGU JIU EXPRESS ROAD

LUCRARI DE PODURI, VIADUCTE SI PASAJE
BRIDGES, VIADUCTS AND PASSAGES WORKS

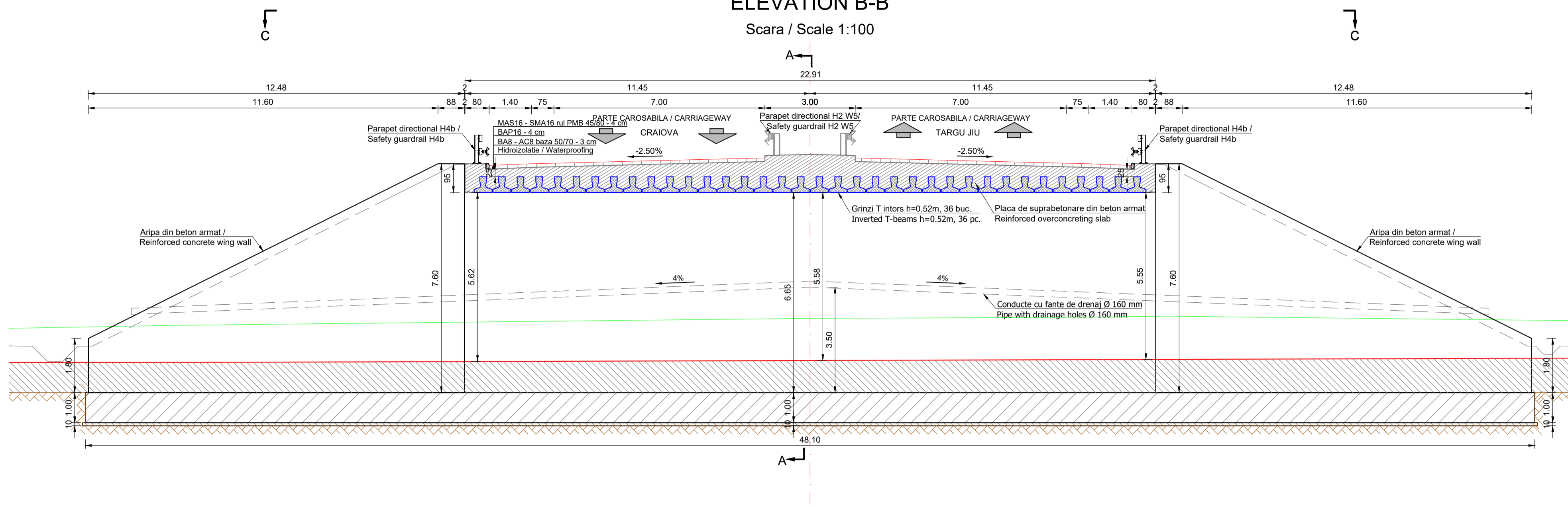
DISPOZITIE GENERALA GENERAL LAYOUT
Pasaj pe Drum local 18 / Passage on Express Road / p.k. 55+832 over Local road 18

COORDONATOR ADJUNCT DE PROIECT	R. THADANI
PROIECTANT / COORDONATOR DEPUZ	<i>[Signature]</i>
INGINER PROIECTANT DE PODURI / BRIDGE DESIGN ENGINEER	G. PERICOLE
INGINER PROIECTANT DE PODURI / BRIDGE DESIGN ENGINEER	G. BARONCEA
INGINER PROIECTANT DE PODURI / BRIDGE DESIGN ENGINEER	M. ANDREI
VERIFICATOR INTERN / INTERNAL CHECKER	A. PRODAN

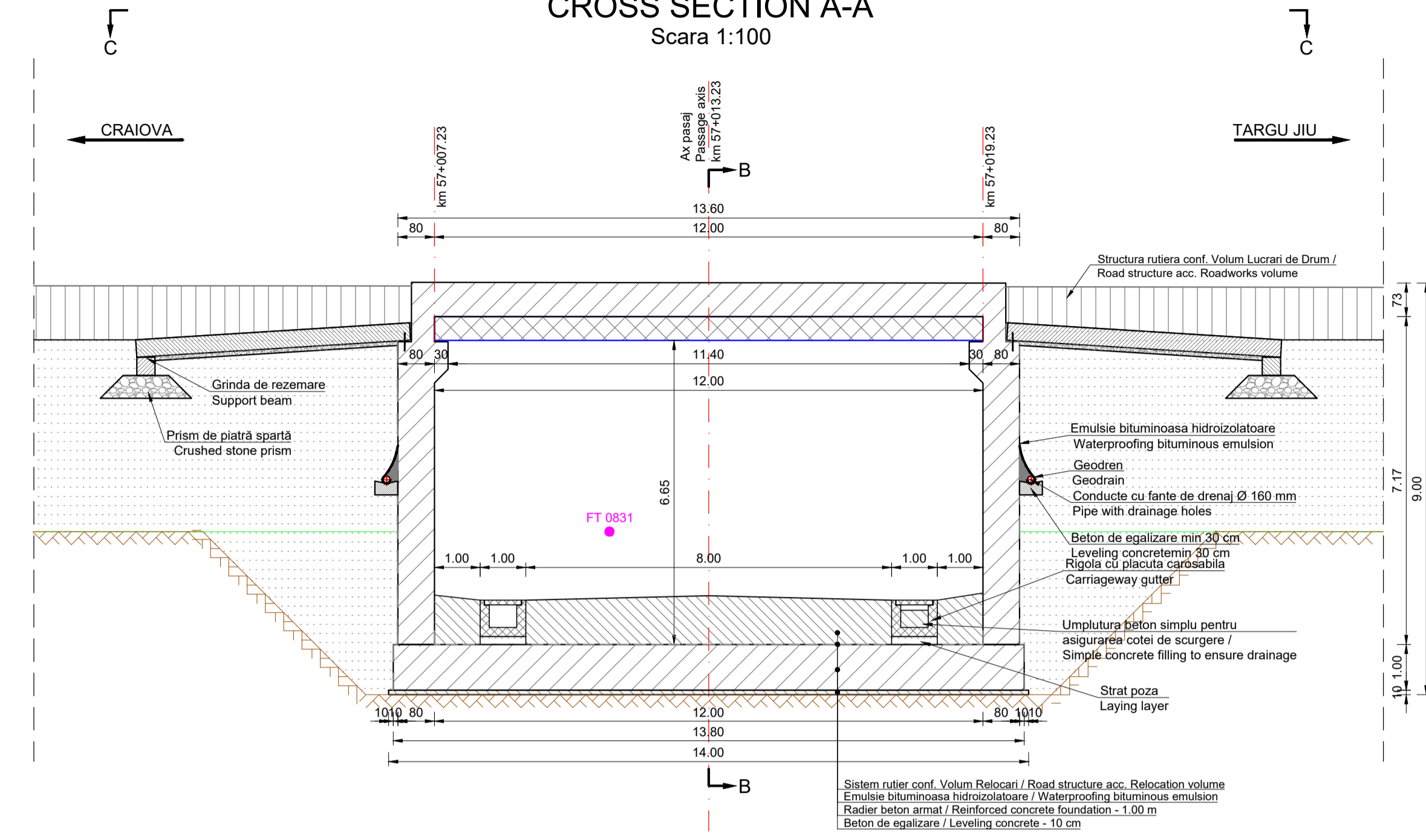
Contract nr. 92/22579
Contract no. 10/2023
Data: 10/2023
Scara: 1:100
Revizii nr. 0
Revision no. 0
Scale: 1:100

Conf. desen: 22579-C13-99-4-3.3.00-3_D8400
Drawing number:

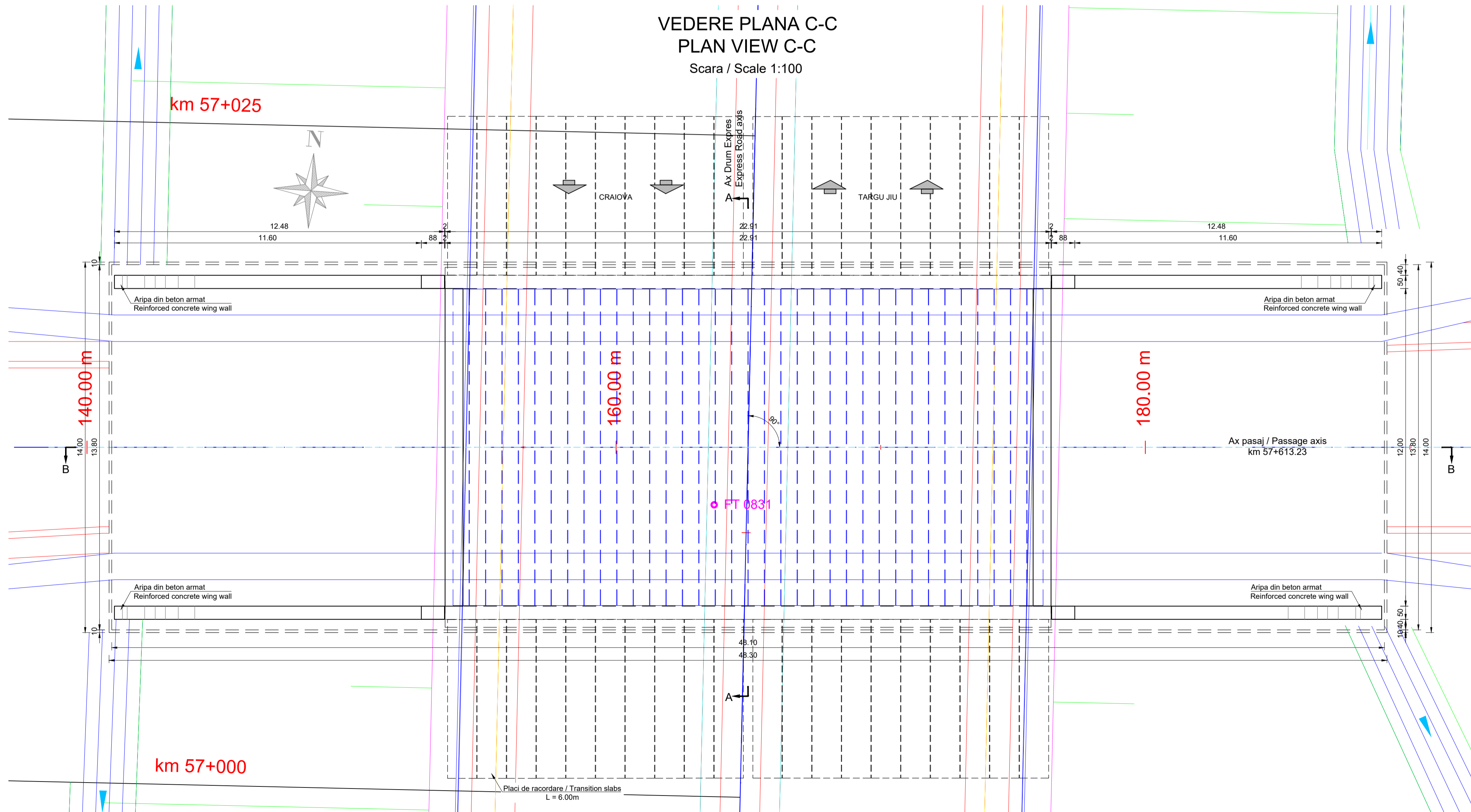
**ELEVATIE B-B
ELEVATION B-B**
Scara / Scale 1:100



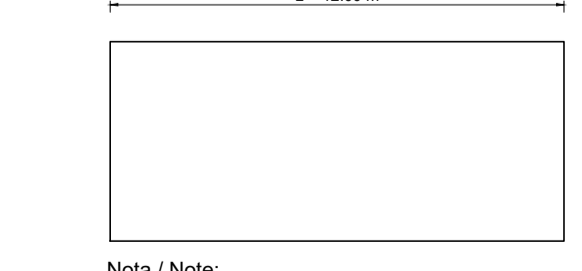
**SECTIUNE A-A
CROSS SECTION A-A**
Scara 1:100



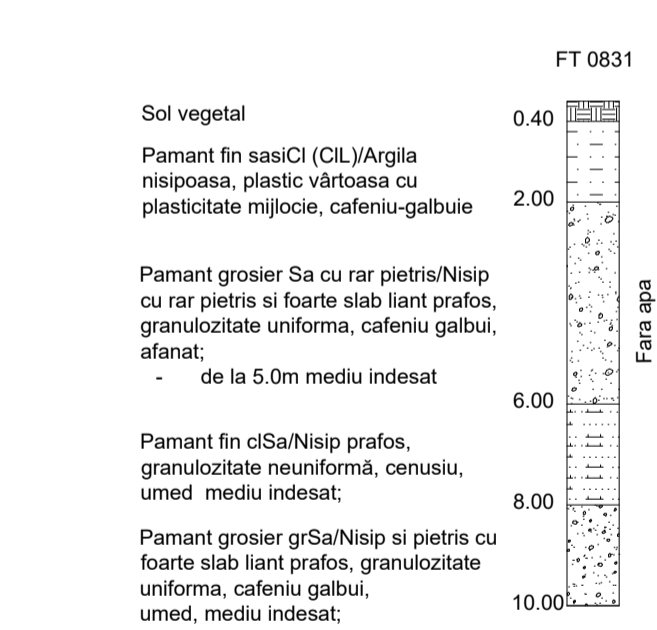
**VEDERE PLANA C-C
PLAN VIEW C-C**
Scara / Scale 1:100



**SCHEMA STATICA
STATIC SCHEME**
L = 12.00 m



Nota / Note:
Structura casetata executata monolit / Monolithic box structure



**CENTRALIZATOR CLASE DE BETON
CONCRETE CLASS SUMMARY**

Element / Element	Clasa de beton / Concrete class	Clase de expunere / Exposure classes
Beton de egalizare / Leveling concrete	C12/15	X0
Pilote forate / Drilled piles	C30/37	XC4
Radier / Foundations	C35/45	XC4
Elevatii / Elevations	C35/45	XC4 XD3 XF4
Placa de suprabetonare / Overconcreting slab	C35/45	XC1 XD3
Antretoaze / Cross beams	C35/45	XC1 XD3
Pereu / Riprap	C30/37	XC4 XF2
Fundatii pernu / Riprap foundations	C30/37	XC4
Aripi / Wing Walls	C35/45	XC4 XD3 XF4
Grinzi prefabricate / Prefabricated beams	C50/60	XC3 XF1 XF3
Predale / Pre-slabs	C35/45	XC3 XF1 XF3

Durata de viață: 120 ani
Convulsie de calcul
LM1 - conf. SR EN 1991-2:2005
LM2 - conf. SR EN 1991-2:2005
Categoriza de importanță: "B"
Grad de seismicitate:
"7", conf. SR 11100/1-03
 $a_g=0.20g$, $T_c=0.7s$ conf. P100-1:2013
Exigente de verificare faza PT: A4, B2, D
AF

Lifespan: 120 years
Loading convoys
LM1 - acc. SR EN 1991-2:2005
LM2 - acc. SR EN 1991-2:2005
Importance category: "B"
Seismic area characteristics:
"7", acc. SR 11100/1-03
 $a_g=0.20g$, $T_c=0.7s$ acc. P100-1:2013
Quality requirements for TP phase: A4, B2, D
AF

Note:

- Reprezentarea profilului de Autostrada / Drum Express / drum este informativă. Profilele transversale tip se regasesc in volumul de Lucrari de Drum.
- Eventuale imbunatatiri ale terenului de fundare se vor executa conform recomandarilor Studiului Geotehnic.
- Representation of the profile for Motorway / Express Road / road is informative. Typical cross-sections are found in the Roadworks volume.
- Possible improvements of the foundation ground will be executed according to recommendations of the Geotechnical Study.

BENEFICIAR / CLIENT:
COMPANIA NATIONALA DE ADMINISTRARE A INFRASTRUCTURII RUTIERE
NATIONAL ADMINISTRATION COMPANY OF ROAD INFRASTRUCTURE

PROIECTANT / ASOCIAREA / DESIGNER ASSOCIATION:
EGIS ROMANIA SA
SEARCH CORPORATION SRL

ELABORARE STUDIU DE FEZABILITATE SI PROIECT TEHNIC PENTRU AUTOSTRADA CRAIOVA-FILIAS SI DRUM EXPRESS FILIAS-TARGU JIU
PREPARATION OF FEASIBILITY STUDY AND TECHNICAL DESIGN FOR CRAIOVA-FILIAS MOTORWAY AND FILIAS-TARGU JIU EXPRESS ROAD

LUCRARI DE PODURI, VIADUCTE SI PASAJE BRIDGES, VIADUCTS AND PASSAGES WORKS

DISPOZITIE GENERALA GENERAL LAYOUT
Pasaj pe Drum Express
km 57+007 peste Drum local 19 / Passage on Express Road / over Local road 19

COORDONATOR ADJUNCT DE PROIECT / PROJECT COORDINATOR DEPUTY:
R. THADANI

INGINER PROIECTANT DE PODURI / BRIDGE DESIGN ENGINEER:
G. PERICOLE

INGINER PROIECTANT DE PODURI / BRIDGE DESIGN ENGINEER:
G. BARONCEA

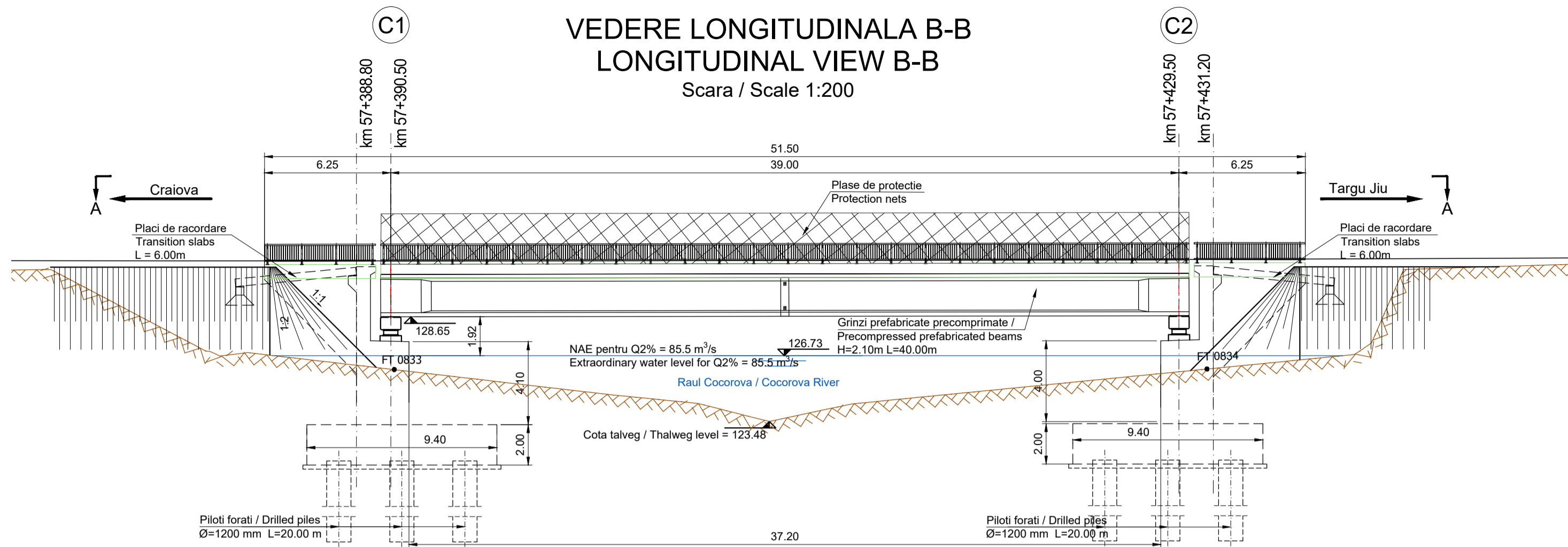
INGINER PROIECTANT DE PODURI / BRIDGE DESIGN ENGINEER:
M. ANDREI

VERIFICATOR INTERN / INTERNAL CHECKER:
A. PRODAN

Contract nr. 9222579 / Revision no. 0
Data: 10/2023 / Scara: 1:100 / Scale:
Cod desen: 22079-C13-9F-4-A3-3.00-3_D(0400) / Drawing number:

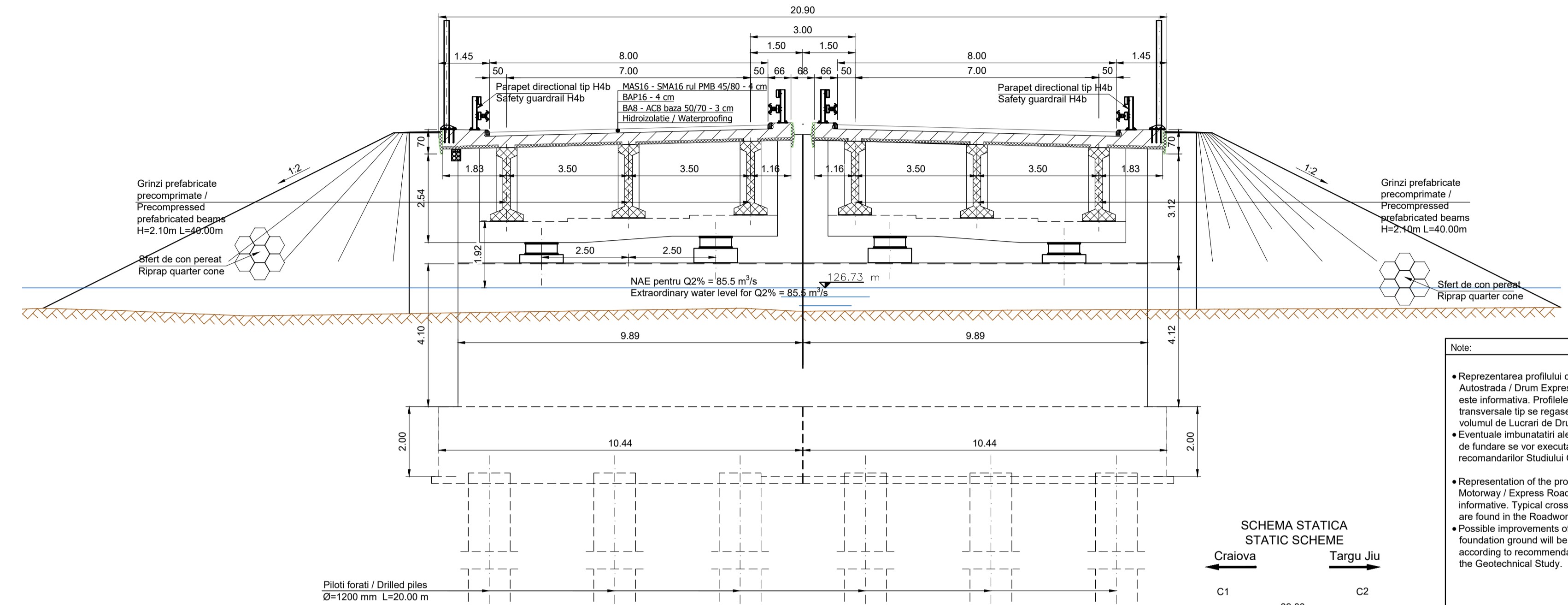
VEDERE LONGITUDINALA B-B
LONGITUDINAL VIEW B-B

Scara / Scale 1:200



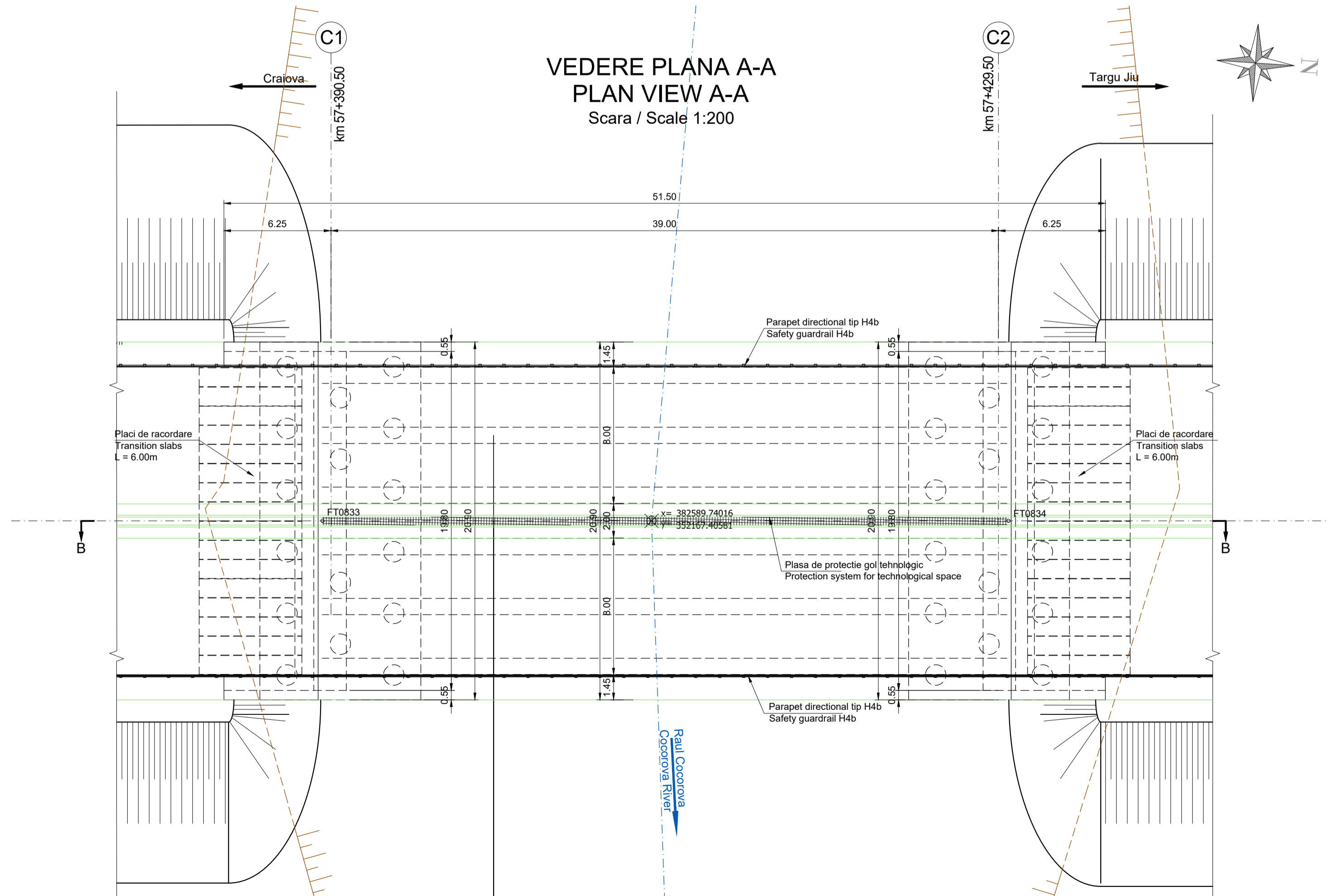
SECTIUNE TRANSVERSALA CULEA C1
CROSS SECTION ABUTMENT C1

Scara / Scale 1:100

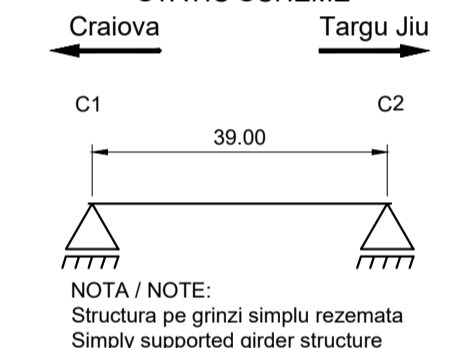


VEDERE PLANA A-A
PLAN VIEW A-A

Scara / Scale 1:200



SCHEMA STATICA
STATIC SCHEME



NOTA / NOTE:
Structura pe grinzi simplu rezemata
Simply supported girder structure

CENTRALIZATOR CLASE DE BETON
CONCRETE CLASS SUMMARY

Element / Element	Clasa de beton / Concrete class	Clase de expunere / Exposure classes
Beton de egalizare / Leveling concrete	C12/15	X0
Piloti forati / Drilled piles	C30/37	XC4
Radiere / Foundations	C35/45	XC4
Elevatii / Elevations	C35/45	XC4 XD3 XF4
Placa de suprabetonare / Overconcreting slab	C35/45	XC1 XD3
Antretoaze / Cross beams	C35/45	XC1 XD3
Pereu / Riprap	C30/37	XC4 XF2
Fundatii peruu / Riprap foundations	C30/37	XC4
Anpi / Wing Walls	C35/45	XC4 XD3 XF4
Grinzi prefabricate / Prefabricated beams	C50/60	XC3 XF1 XF3
Predale / Preslabs	C35/45	XC3 XF1 XF3

Durata de viata: 120 ani
Lifespan: 120 years
Convooie de calcul
Loading convoys
LM1 - conf. SR EN 1991-2:2005
LM2 - acc. SR EN 1991-2:2005
Categorie de importanta: "B"
Importance category: "B"
Grad de seismicitate:
"7", conf. SR 11100/1-93
 $a_g=0.20g$, $T_c=0.7s$ conf. P100-1:2013
Exigente de verificare faza PT: A4, B2, D Af

Lifespan: 120 years
Loading convoys
LM1 - acc. SR EN 1991-2:2005
LM2 - acc. SR EN 1991-2:2005
Importance category: "B"
Seismic area characteristics:
"7", acc. SR 11100/1-93
 $a_g=0.20g$, $T_c=0.7s$ acc. P100-1:2013
Quality requirements for TP phase: A4, B2, D Af

Conform recomandarilor Studiului Geotehnic structura este fundata indirect pe piloti forati. Diametrul si lungimea pilotilor vor fi definitivati in etapa urmatoare de proiectare conform HG 907.

According to the recommendations of the Geotechnical Study, the structure is indirectly founded on drilled piles. The diameter and length of the piles will be finalized in the next stage of design according to HG 907.

- Note:
- Reprezentarea profilului de Autostrada / Drum Express / drum este informativa. Profilele transversale tip se regasesc in volumul de Lucrari de Drum.
 - Eventuale imbunatatiri ale terenului de fundare se vor executa conform recomandarilor Studiului Geotehnic.
 - Representation of the profile for Motorway / Express Road / road is informative. Typical cross-sections are found in the Roadworks volume.
 - Possible improvements of the foundation ground will be executed according to recommendations of the Geotechnical Study.

BENEFICIAR / CLIENT:
COMPANIA NATIONALA DE ADMINISTRARE A INFRASTRUCTURII RUTIERE
NATIONAL ADMINISTRATION COMPANY OF ROAD INFRASTRUCTURE

PROIECTANT ASOCIAREA / DESIGNER ASSOCIATION:
egis SEARCH CORPORATION SRL

ELABORARE STUDIU DE FEZABILITATE SI PROIECT TEHNIC PENTRU AUTOSTRADA CRAIOVA-FILIASI SI DRUM EXPRES FILIASI-TARGU JIU
PREPARATION OF FEASIBILITY STUDY AND TECHNICAL DESIGN FOR CRAIOVA-FILIASI MOTORWAY AND FILIASI-TARGU JIU EXPRESS ROAD

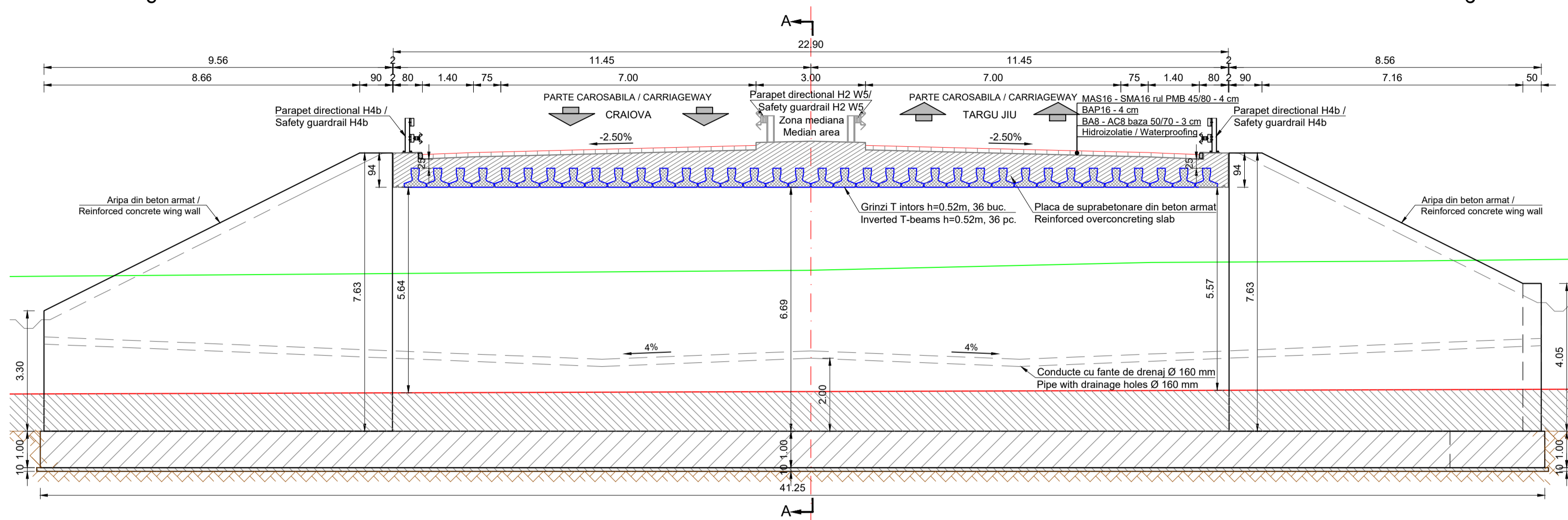
LUCRARI DE PODURI, VIADUCTURI SI PASAJE
BRIDGES, VIADUCTS AND PASSAGES WORKS

DISPOZITIE GENERALA
GENERAL LAYOUT
Pod pe Drum Express
km 57+389 peste Raul Cocorova /
Bridge on Express Road
pk 57+389 over Cocorova River

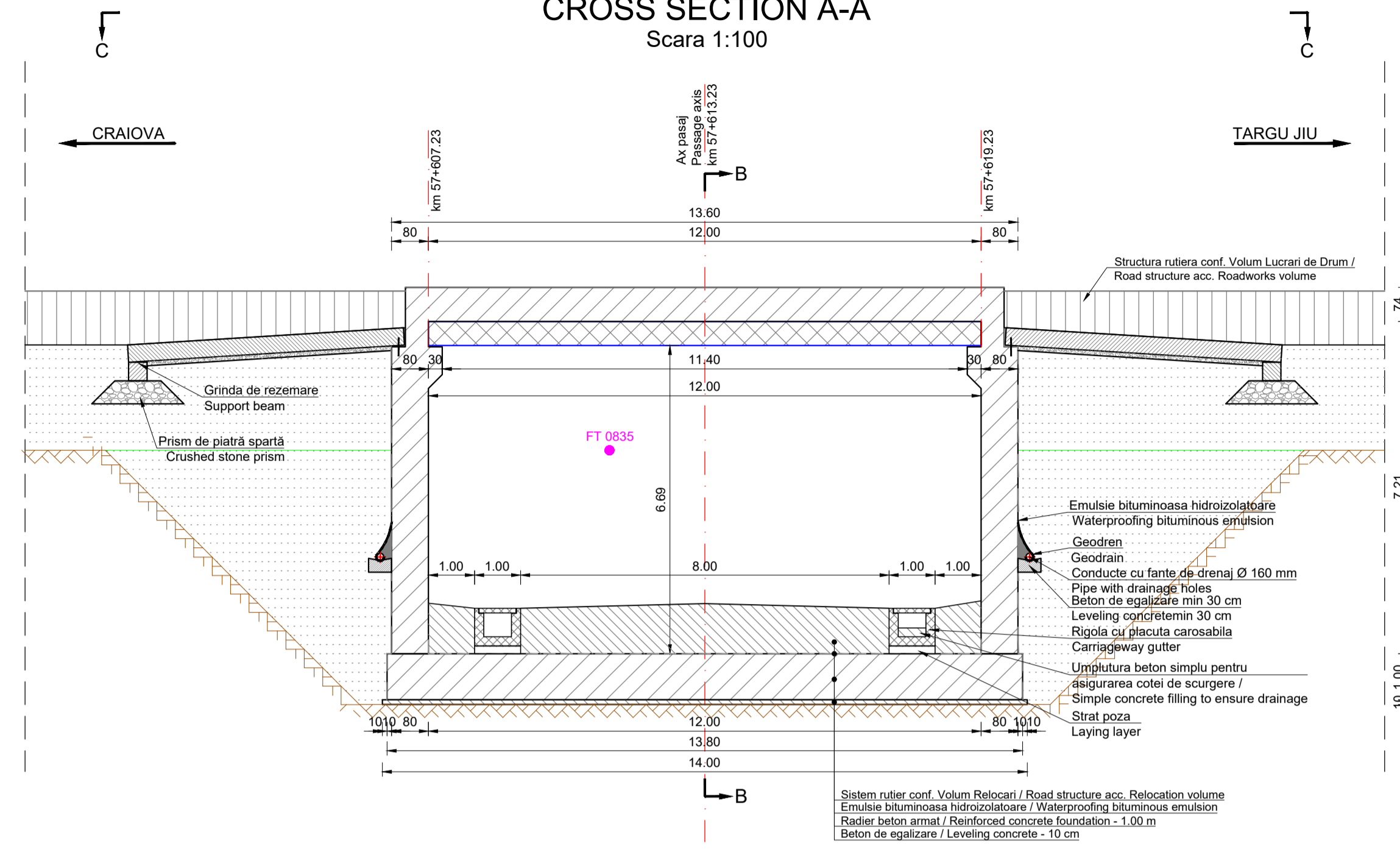
COORDONATOR ADJUNCT DE PROIECT / PROJECT COORDINATOR DEPUTY: R. THADANI
INGINER PROIECTANT DE PODURI / BRIDGE DESIGN ENGINEER: G. PERICOLO
INGINER PROIECTANT DE PODURI / BRIDGE DESIGN ENGINEER: G. BARONCEA
INGINER PROIECTANT DE PODURI / BRIDGE DESIGN ENGINEER: M. ANDREI

VERIFICAT INTERN / INTERNAL CHECKER: A. PRODAN
Contract no. / Contract no.: 92/2579
Data: / Date: 10/2023
Cod desen: / Drawing number: 2579-OTJ-SF-4-LA-3.3-DG-S_10-R00

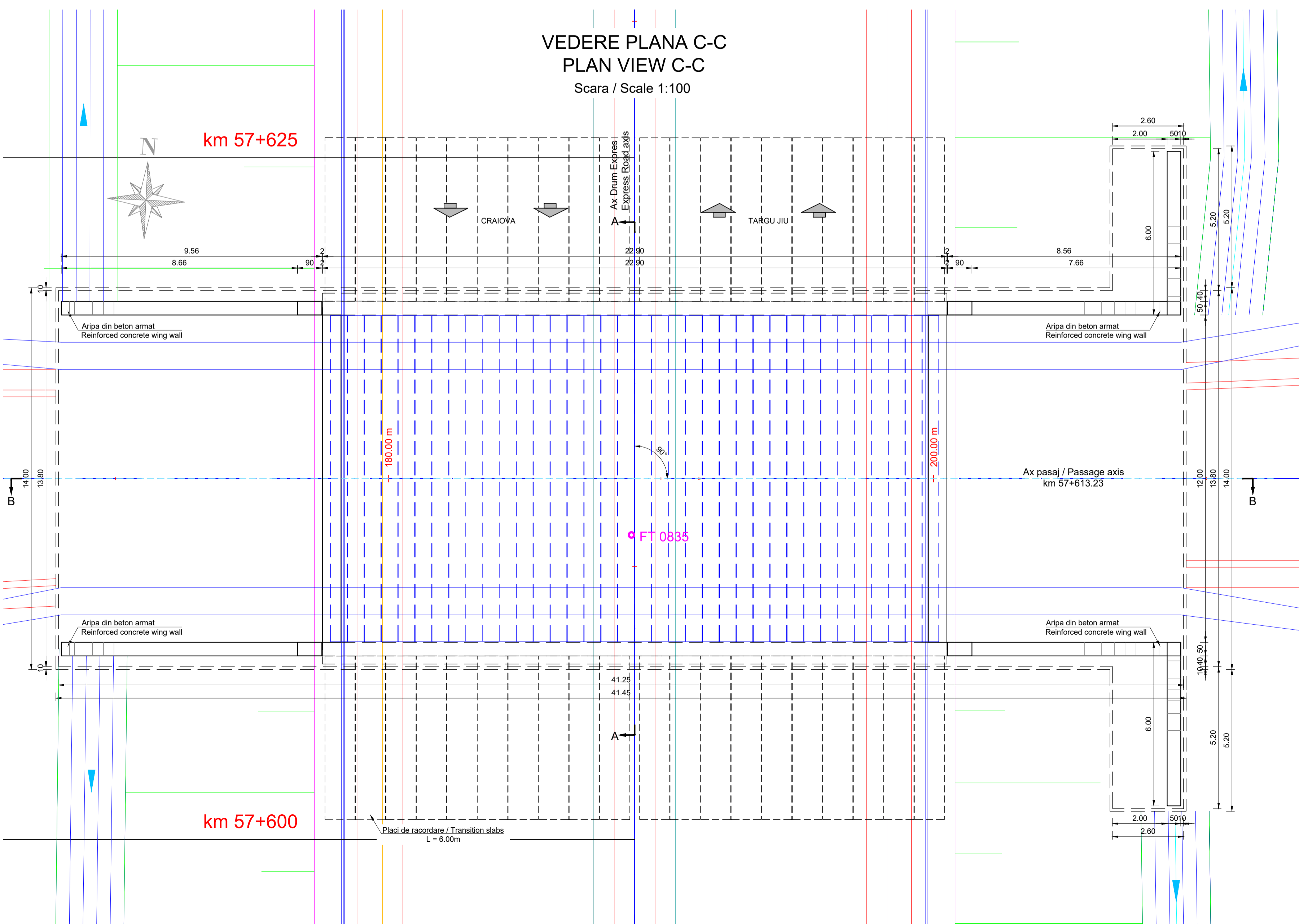
ELEVATIE B-B
ELEVATION B-B
Scara / Scale 1:100



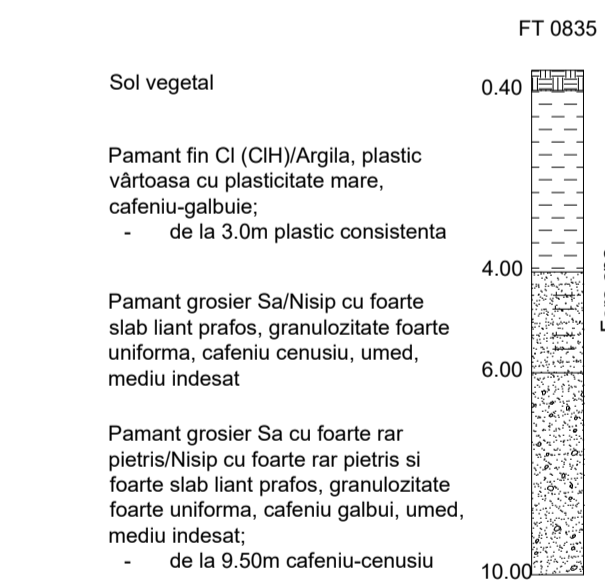
SECTIUNE A-A
CROSS SECTION A-A
Scara 1:100



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



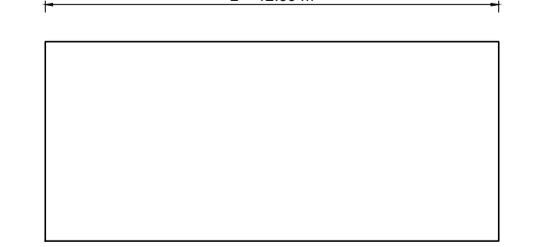
Sistem rutier conf. Volum Relocari / Road structure acc. Relocation volume
Emulsie bituminoasa hidroizolatorie / Waterproofing bituminous emulsion
Radier beton armat / Reinforced concrete foundation - 1.00 m
Beton de egalizare / Leveling concrete - 10 cm



CENTRALIZATOR CLASE DE BETON
CONCRETE CLASS SUMMARY

Element / Element	Clasa de beton / Concrete class	Clase de expunere / Exposure classes
Beton de egalizare / Leveling concrete	C12/15	X0
Piloti forati / Drilled piles	C30/37	XC4
Radieri / Foundations	C35/45	XC4
Elevati / Elevations	C35/45	XC4 XD3 XF4
Placa de suprabetonare / Overconcreting slab	C35/45	XC1 XD3
Antretoaze / Cross beams	C35/45	XC1 XD3
Pereu / Riprap	C30/37	XC4 XF2
Fundatii pereu / Riprap foundations	C30/37	XC4
Aripi / Wing Walls	C35/45	XC4 XD3 XF4
Grinzi prefabricate / Prefabricated beams	C50/60	XC3 XF1 XF3
Predale / Preslabs	C35/45	XC3 XF1 XF3

SCHEMA STATICA
STATIC SCHEME
L = 12.00 m



Durata de viata: 120 ani
Convoaie de calcul
LM1 - conf. SR EN 1991-2:2005
LM2 - acc. SR EN 1991-2:2005
Categorie de importanta: "B"
Grad de seismicitate:
"7", conf. SR 11100/1-93
 $a_s=0.20g$, $T_c=0.7s$ conf. P100-1:2013
Exigente de verificare faza PT: A4, B2, D
At

Lifespan: 120 years
Loading convoys
LM1 - acc. SR EN 1991-2:2005
LM2 - acc. SR EN 1991-2:2005
Importance category: "B"
Seismic area characteristics:
"7", acc. SR 11100/1-93
 $a_s=0.20g$, $T_c=0.7s$ acc. P100-1:2013
Quality requirements for TP phase: A4, B2, D
At

Note:

- Reprezentarea profilului de Autostrada / Drum Expres / drum este informativa. Profilele transversale tip se regasesc in volumul de Lucrari de Drum.
- Eventuale imbunatatiri ale terenului de fundare se vor efectua conform recomandarii Studiului Geotehnic.
- Representation of the profile for Motorway / Express Road / road is informative. Typical cross-sections are found in the Roadworks volume.
- Possible improvements of the foundation ground will be executed according to recommendations of the Geotechnical Study.

BENEFICIAR / CLIENT: COMPANIA NATIONALA DE ADMINISTRARE A INFRASTRUCTURII ROTIERE
NATIONAL ADMINISTRATION COMPANY OF ROAD INFRASTRUCTURE

PROIECTANT / ASOCIEREA / DESIGNER ASSOCIATION: EGIS ROMANIA SA SEARCH CORPORATION SRL

ELABORARE STUDIULUI DE FEZABILITATE SI PROIECT TEHNIC PENTRU AUTOSTRADA CRAIOVA-FILIASI SI DRUMUL EXPRES PASAJI PE DRUMUL EXPRES km 57+607 peste Drum local 20 / MOTORWAY AND FILIASI-TARGU JIU EXPRESS ROAD

LUCRARI DE PODURI, VIADUCTE SI PASAJE BRIDGES, VIADUCTS AND PASSAGES WORKS

DISPOZITIE GENERALA GENERAL LAYOUT
Pasaj pe Drum Expres km 57+607 peste Drum local 20 / Passage on Express Road over Local road 20

COORDONATOR ADJUNCT DE PROIECT R. THADANI
PROJECT COORDINATOR DEPUTY

INGINER PROIECTANT DE PODURI G. PERICOLO
BRIDGE DESIGN ENGINEER

INGINER PROIECTANT DE PODURI G. BARONCEA
BRIDGE DESIGN ENGINEER

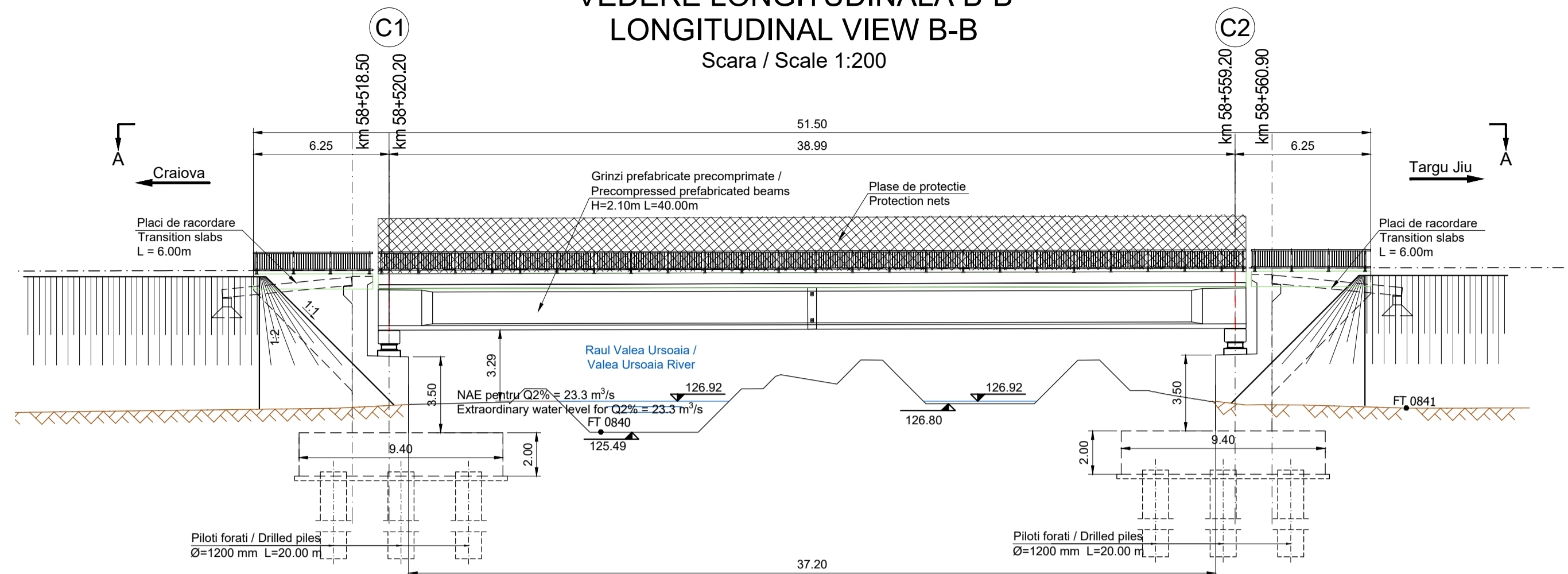
INGINER PROIECTANT DE PODURI M. ANDREI
BRIDGE DESIGN ENGINEER

VERIFICATOR INTERN A. PRODAN
INTERNAL CHECKER

Contract nr. 22/2579
Contract no. 22/2579
Data: 10/2023
Date: 10/2023
Cod desen: 2279-C7J-SF-4-LA-3-008-11-R00
Drawing number:

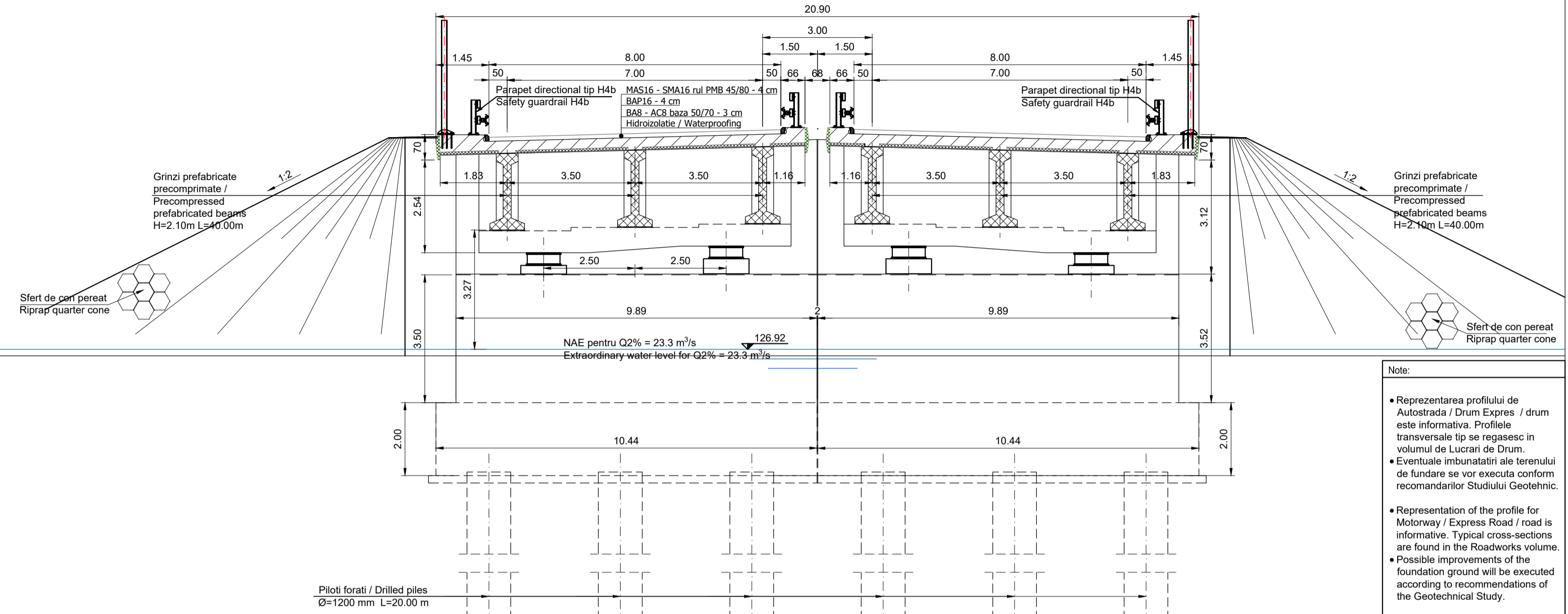
VEDERE LONGITUDINALA B-B LONGITUDINAL VIEW B-B

Scara / Scale 1:200



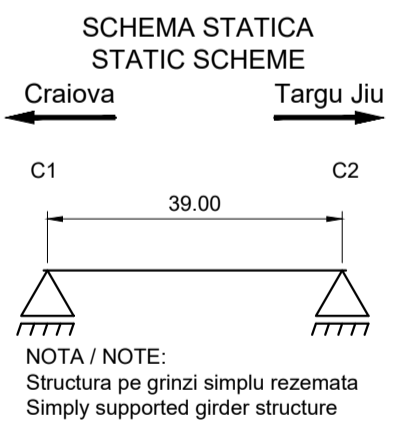
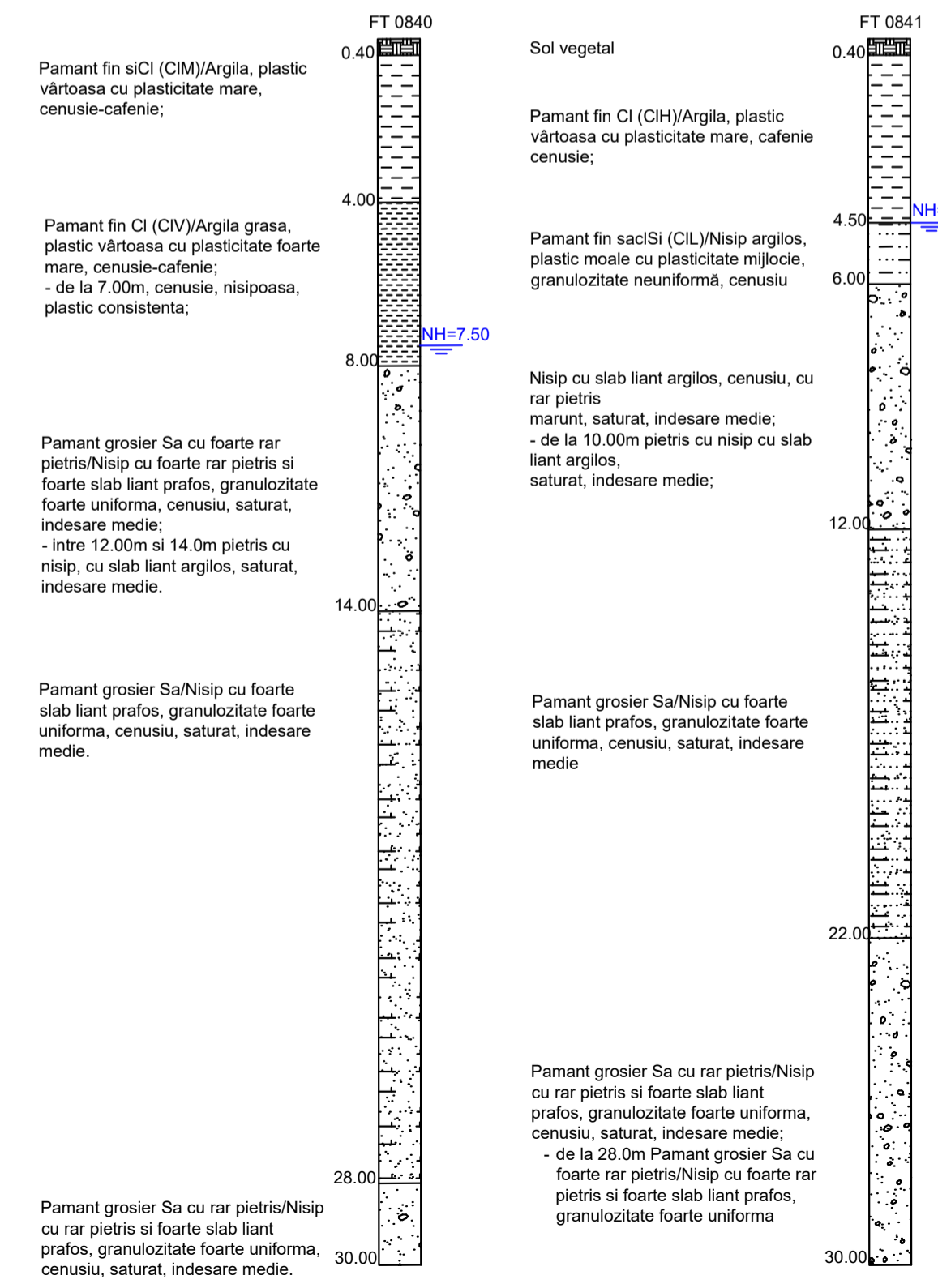
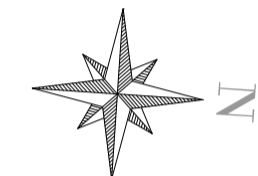
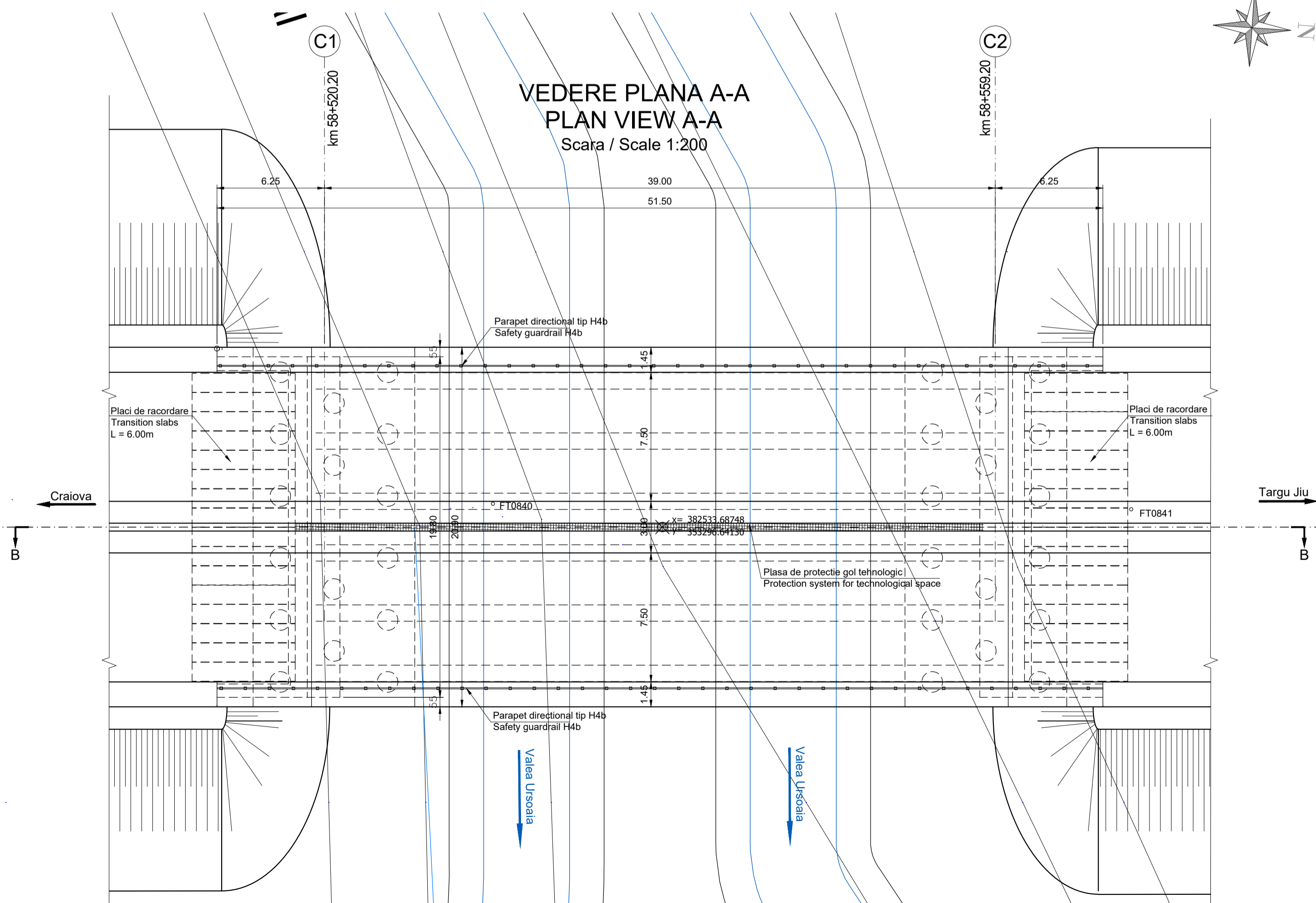
SECTIUNE TRANSVERSALA CULEE C1 CROSS SECTION ABUTMENT C1

Scara / Scale 1:100



VEDERE PLANA A-A PLAN VIEW A-A

Scara / Scale 1:200



CENTRALIZATOR CLASE DE BETON CONCRETE CLASS SUMMARY		
Element / Element	Clasa de beton / Concrete class	Clasa de expunere / Exposure classes
Beton de egalizare / Leveling concrete	C12/15	X0
Piloți forati / Drilled piles	C30/37	XC4
Radiere / Foundations	C35/45	XC4
Elevatii / Elevations	C35/45	XC4 XD3 XF4
Placa de suprabetonare / Overconcreting slab	C35/45	XC1 XD3
Antretoaze / Cross beams	C35/45	XC1 XD3
Pereu / Riprap	C30/37	XC4 XF2
Fundatii pereu / Riprap foundations	C30/37	XC4
Anpi / Wing Walls	C35/45	XC4 XD3 XF4
Grinzi prefabricate / Prefabricated beams	C50/60	XC3 XF1 XF3
Predale / Preslabs	C35/45	XC3 XF1 XF3

Durata de viata: 120 ani
 Convoale de calcul LM1 - conf. SR EN 1991-2:2005 LM2 - acc. SR EN 1991-2:2005
 Categoria de importanta: "B"
 Grad de seismicitate: "7", acc. SR 11100/1-93
 $a_g=0.20g$, $T_c=0.7s$ conf. P100-1:2013
 Exigente de verificare faza PT: A4, B2, D Af

Lifespan: 120 years
 Loading convoys LM1 - acc. SR EN 1991-2:2005 LM2 - acc. SR EN 1991-2:2005
 Importance category: "B"
 Seismic area characteristics: "7", acc. SR 11100/1-93
 $a_g=0.20g$, $T_c=0.7s$ acc. P100-1:2013
 Quality requirements for TP phase: A4, B2, D Af

Conform recomandarilor Studiului Geotehnic structura este fundata indirect pe piloti forati. Diametrul si lungimea pilotilor vor fi definitivati in etapa urmatoare de proiectare conform HG 907.

According to the recommendations of the Geotechnical Study, the structure is indirectly founded on drilled piles. The diameter and length of the piles will be finalized in the next stage of design according to HG 907.

Note:

- Reprezentarea profilului de Autostrada / Drum Express / drum este informativa. Profilele transversale tip se regasesc in volumul de Lucrari de Drum.
- Eventuale imbunatatiri ale terenului de fundare se vor executa conform recomandarilor Studiului Geotehnic.
- Representation of the profile for Motorway / Express Road / road is informative. Typical cross-sections are found in the Roadworks volume.
- Possible improvements of the foundation ground will be executed according to recommendations of the Geotechnical Study.

BENEFICIAR / CLIENT: COMPANIA NATIONALA DE ADMINISTRARE A INFRASTRUCTURII RUTIERE
 NATIONAL ADMINISTRATION COMPANY OF ROAD INFRASTRUCTURE

PROIECTANT ASOCIEREA / DESIGNER ASSOCIATION: egis SEARCH CORPORATION

ELABORARE STUDIULUI DE FEZABILITATE SI PROIECT TEHNIC PENTRU AUTOSTRADA CRAIOVA-FILIASI SI DRUM EXPRESS FILIASI-TARGU JIU
 PREPARATION OF FEASIBILITY STUDY AND TECHNICAL DESIGN FOR CRAIOVA-FILIASI MOTORWAY AND FILIASI-TARGU JIU EXPRESS ROAD

LUCRARI DE PODURI, VIADUCTURI SI PASAJE
 BRIDGES, VIADUCTS AND PASSAGES WORKS

DISPOZITIE GENERALA
 GENERAL LAYOUT
 Pod pe Drum Express
 km 58+519 peste Raul Valea Ursoaia /
 Bridge on Express Road
 pk 58+519 over Valea Ursoaia River

COORDONATOR ADJUNCT DE PROIECT: R. THADANI
 PROJECT COORDINATOR DEPUTY: [Signature]

INGINIER PROIECTANT DE PODURI: G. PERICOLO
 BRIDGE DESIGN ENGINEER: [Signature]

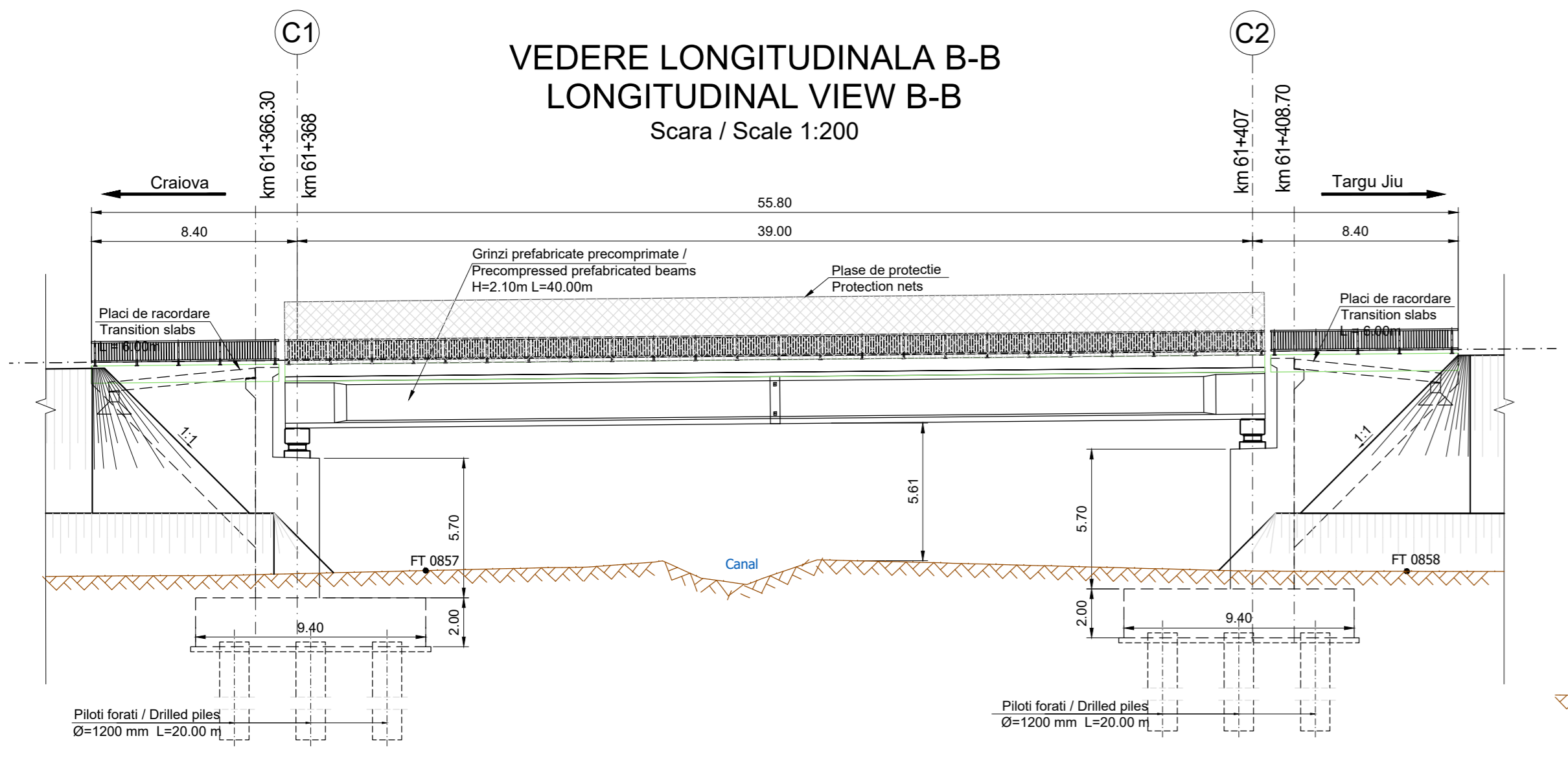
INGINIER PROIECTANT DE PODURI: G. BARONCEA
 BRIDGE DESIGN ENGINEER: [Signature]

INGINIER PROIECTANT DE PODURI: M. ANDREI
 BRIDGE DESIGN ENGINEER: [Signature]

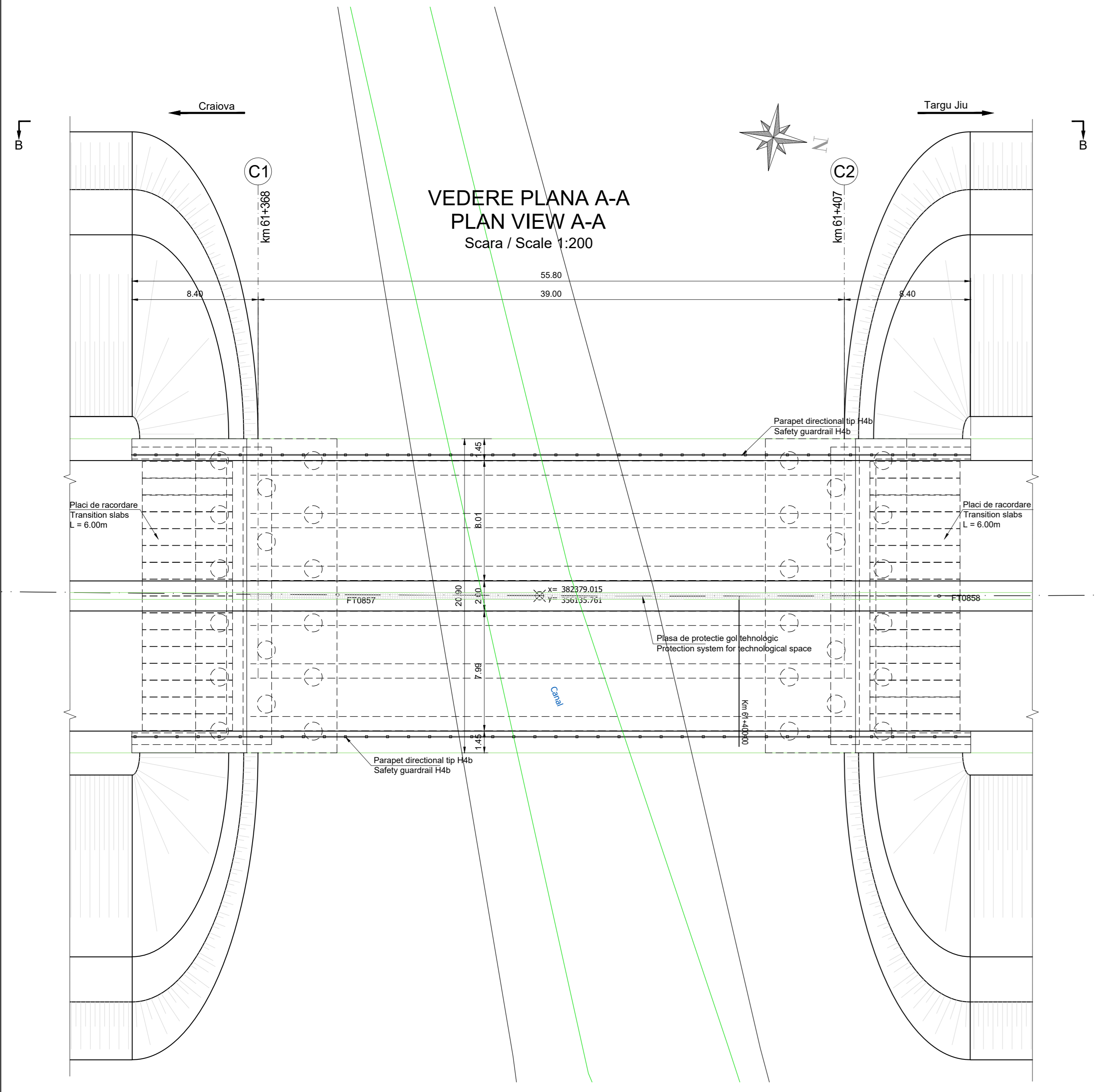
VERIFICAT INTERN: A. PRODAN
 INTERNAL CHECKER: [Signature]

Contract no.: 92/22579
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 Date: 10/2023
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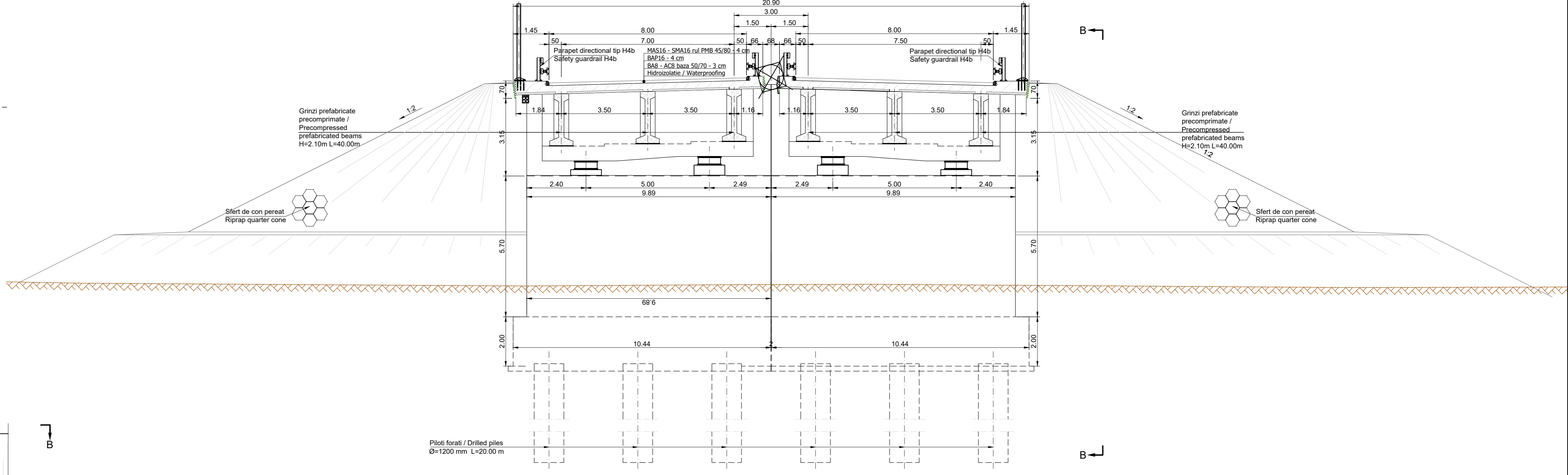
**VEDERE LONGITUDINALA B-B
LONGITUDINAL VIEW B-B**
Scara / Scale 1:200



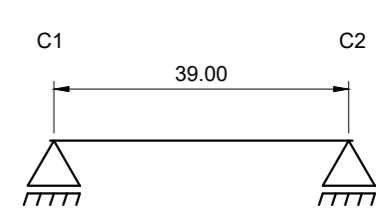
**VEDERE PLANA A-A
PLAN VIEW A-A**
Scara / Scale 1:200



**SECTIUNE TRANSVERSALA CULEE C1
CROSS SECTION ABUTMENT C1**
Scara / Scale 1:100

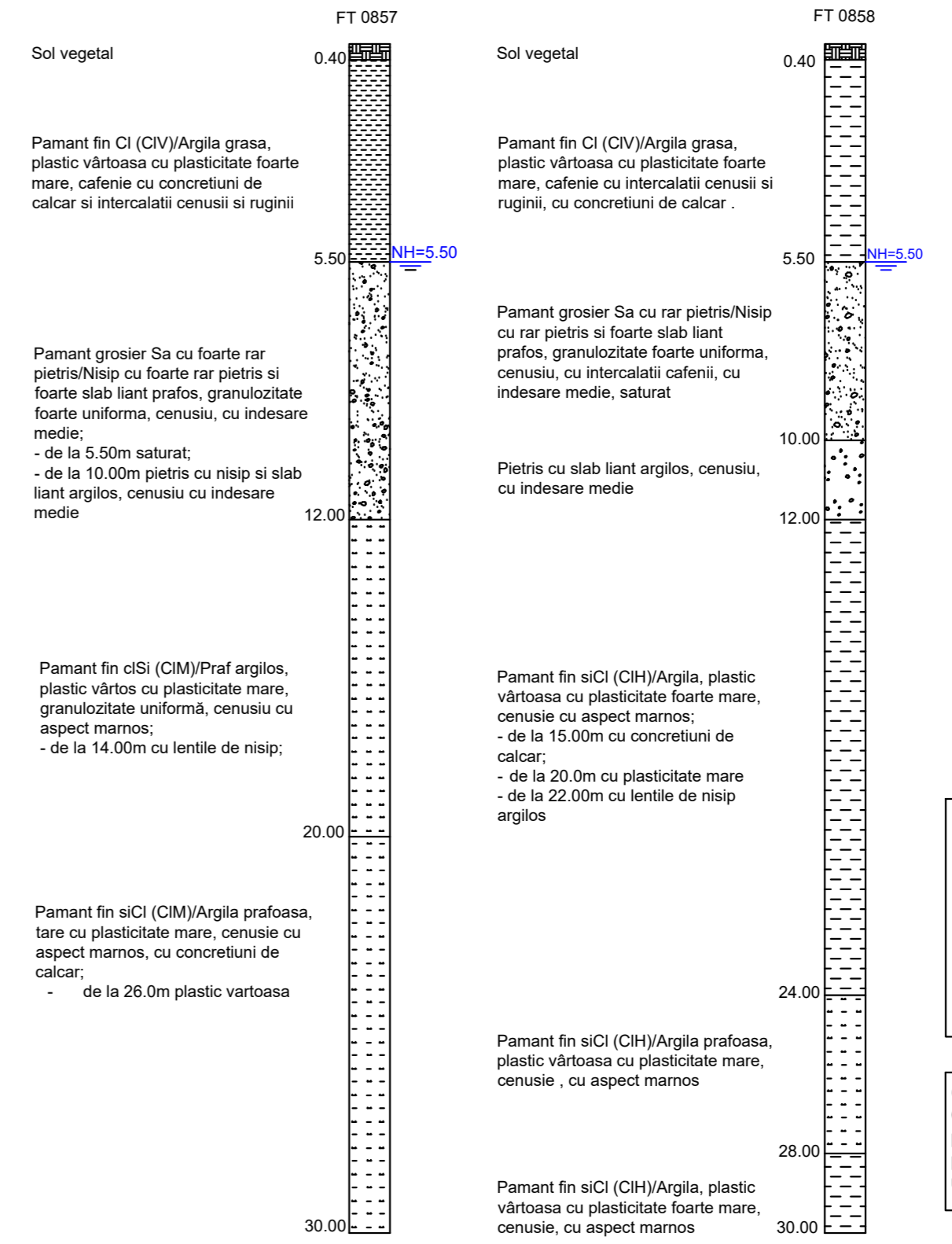


**SCHEMA STATICA
STATIC SCHEME**



NOTA / NOTE:
Structura de grinzi simplu rezemata
Simply supported girder structure

CENTRALIZATOR CLASE DE BETON CONCRETE CLASS SUMMARY		
Element / Element	Clasa de beton / Concrete class	Clase de expunere / Exposure classes
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Radiere / Foundations	C35/45	XC4
Elevatii / Elevations	C35/45	XC4 XD3 XF4
Placa de suprabetonare / Overconcreting slab	C35/45	XC1 XD3
Antretoaze / Cross beams	C35/45	XC1 XD3
Pereți / Riprap	C30/37	XC4 XF2
Fundatii pereti / Riprap foundations	C30/37	XC4
Aripi / Wing Walls	C35/45	XC4 XD3 XF4
Grinzi prefabricate / Prefabricated beams	C50/60	XC3 XF1 XF3
Predale / Pre-slabs	C35/45	XC3 XF1 XF3



Durata de viata: 120 ani
Convoaie de calcul
LM1 - conf. SR EN 1991-2:2005
LM2 - conf. SR EN 1991-2:2005
Categorie de importanta: "B"
Grad de seismicitate:
71, conf. SR 11100/1-93
a₀=0.20g, T_c=0.7s conf. P100-1:2013
Exigente de verificare faza PT: A4, B2, D Af

Lifespan: 120 years
Loading convoys
LM1 - acc. SR EN 1991-2:2005
LM2 - acc. SR EN 1991-2:2005
Importance category: "B"
Seismic area characteristics:
71, acc. SR 11100/1-93
a₀=0.20g, T_c=0.7s acc. P100-1:2013
Quality requirements for TP phase: A4, B2, D Af

Conform recomandarilor Studiului Geotehnic structura este fundata indirect pe piloti forati. Diametrul și lungimea pilozitatilor vor fi finalizate in etapa urmatoare de proiectare conform HG 907.

According to the recommendations of the Geotechnical Study, the structure is indirectly founded on drilled piles. The diameter and length of the piles will be finalized in the next stage of design according to HG 907.

- Note:
- Reprezentarea profilului de Autostrada / Drum Express / drum este informativă. Profilele transversale tip se regasesc in volumul de Lucrari de Drum.
 - Eventuale imbunatatiri ale terenului de fundare se vor executa conform recomandarilor Studiului Geotehnic.
 - Representation of the profile for Motorway / Express Road / road is informative. Typical cross-sections are found in the Roadworks volume.
 - Possible improvements of the foundation ground will be executed according to recommendations of the Geotechnical Study.

BENEFICIAR / CLIENT: COMPANIA NATIONALA DE ADMINISTRARE A INFRASTRUCTURII RUTIERE
NATIONAL ADMINISTRATION COMPANY OF ROAD INFRASTRUCTURE

PROIECTANT / ASSOCIATE / DESIGNER ASSOCIATION: EGIS ROMANIA SA
SEARCH CORPORATION SRL

ELABORARE STUDIU DE FEZABILITATE SI PROIECT TEHNIC PENTRU AUTOSTRADA CRAIOVA-FILIASI SI DRUM EXPRESS FILIASI-TARGU JIU
PREPARATION OF FEASIBILITY STUDY AND TECHNICAL DESIGN FOR CRAIOVA-FILIASI MOTORWAY AND FILIASI-TARGU JIU EXPRESS ROAD

LUCRARI DE PODURI, VIADUCTE SI PASAJE BRIDGES, VIADUCTS AND PASSAGES WORKS

DISPOZITIE GENERALA GENERAL LAYOUT
Pod pe Drum Express km 61+366 peste Curș de apa si Drum local / Bridge on Express Road pk 61+366 over Watercourse and Local road

COORDONATOR ADJUNCT DE PROIECT / PROJECT COORDINATOR DEPUTY: R. THADANI

INGINER PROIECTANT DE PODURI / BRIDGE DESIGN ENGINEER: G. PERICOLE

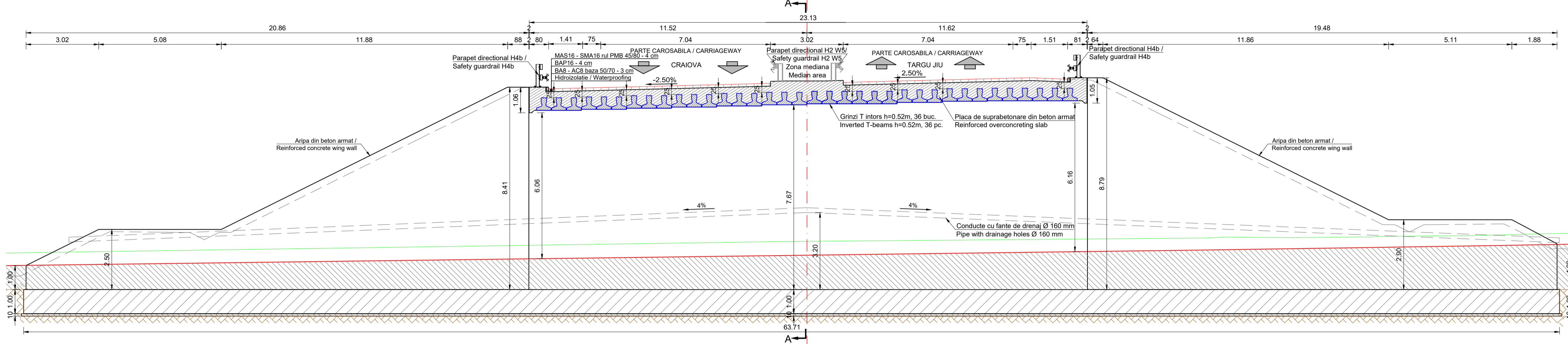
INGINER PROIECTANT DE PODURI / BRIDGE DESIGN ENGINEER: G. BARONCEA

INGINER PROIECTANT DE PODURI / BRIDGE DESIGN ENGINEER: M. ANDREI

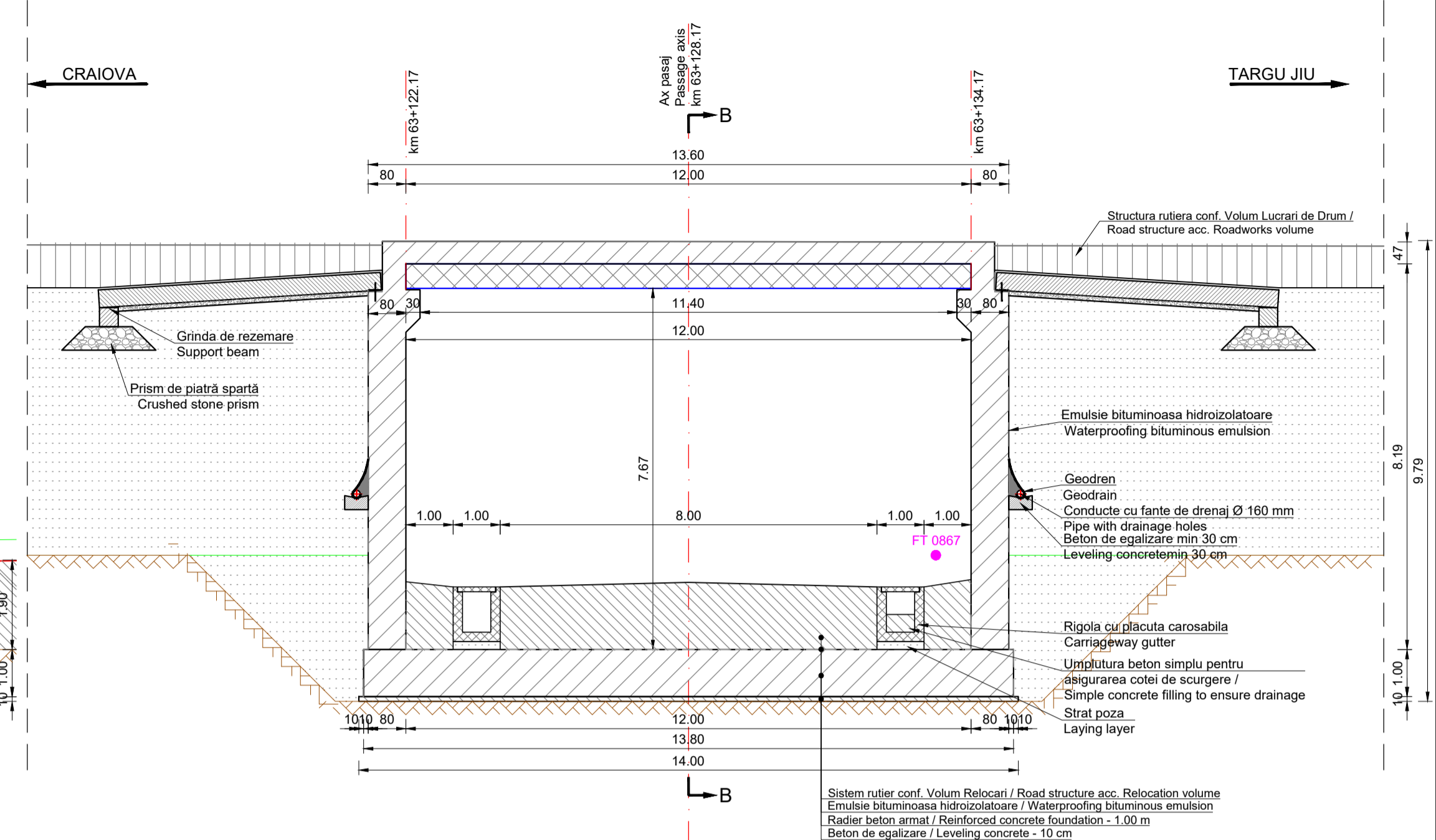
VERIFICATOR INTERN / INTERNAL CHECKER: A. PRODAN

Contract nr. 9222579 / Contract no. 9222579
Data: 10/02/23 / Date: 10/02/23
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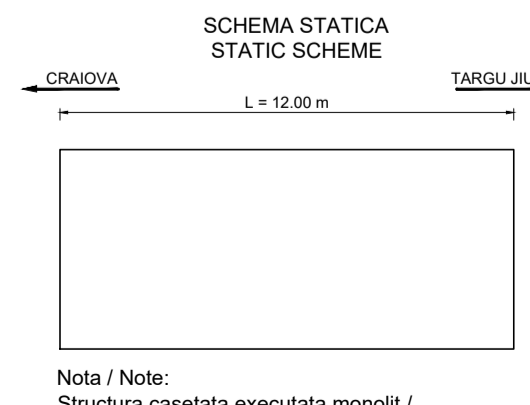
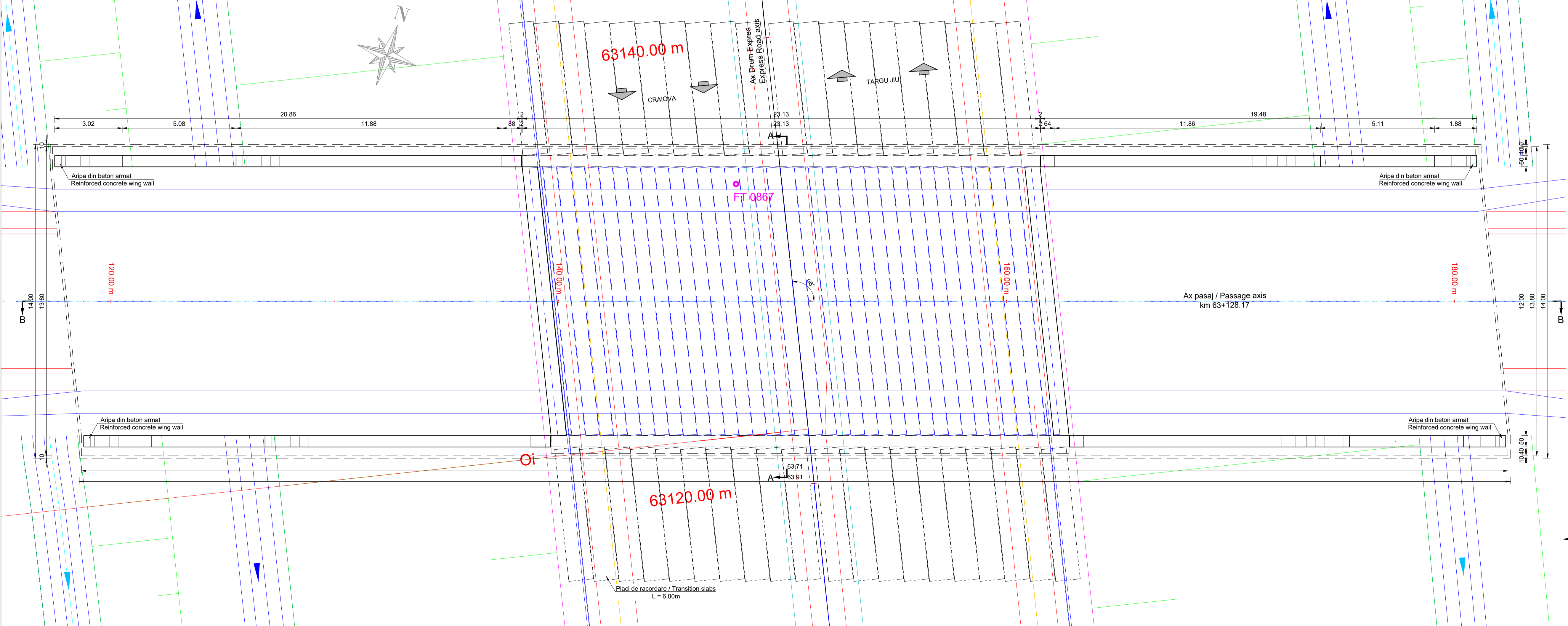
ELEVATIE B-B
ELEVATION B-B
Scara / Scale 1:100



SECTIUNE A-A
CROSS SECTION A-A
Scara 1:100



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



Durata de viata: 120 ani
Corvoaze de calcul LM1 - conf. SR EN 1991-2:2005 LM2 - conf. SR EN 1991-2:2005
Categorie de importanta: "B"
Grad de seismicitate: "7", conf. SR 11100/1-93 a_g=0.20g, T=0.7s conf. P100-1.2013 Exigente de verificare faza PT: A4, B2, D Af

Lifespan: 120 years
Loading convoys LM1 - acc. SR EN 1991-2:2005 LM2 - acc. SR EN 1991-2:2005
Importance category: "B"
Seismic area characteristics: "7", acc. SR 11100/1-93 a_g=0.20g, T=0.7s acc. P100-1.2013 Quality requirements for TP phase: Af

CENTRALIZATOR CLASE DE BETON
CONCRETE CLASS SUMMARY

Element / Element	Clasa de beton / Concrete class	Clase de expunere / Exposure classes
Beton de egalizare / Leveling concrete	C12/15	X0
Pilati forati / Drilled piles	C30/37	XC4
Radiere / Foundations	C35/45	XC4
Elevatii / Elevations	C35/45	XC4 XD3 XF4
Placa de suprabetonare / Overconcreting slab	C35/45	XC1 XD3
Antretoaze / Cross beams	C35/45	XC1 XD3
Pereu / Riprap	C30/37	XC4 XF2
Fundatii pereu / Riprap foundations	C30/37	XC4
Aripi / Wing Walls	C35/45	XC4 XD3 XF4
Grinzi prefabricate / Prefabricated beams	C50/60	XC3 XF1 XF3
Presdale / Preslabs	C35/45	XC3 XF1 XF3

Note:

- Reprezentarea profilului de Autostrada / Drum Express / road is informative. Profilele transversale tip se regasesc in volumul de Lucrari de Drum.
- Eventuale imbunatatiri ale terenului de fundare se vor executa conform recomandarilor Studiului Geotehnic.
- Representation of the profile for Motorway / Express Road / road is informative. Typical cross-sections are found in the Roadworks volume.
- Possible improvements of the foundation ground will be executed according to recommendations of the Geotechnical Study.

Beneficiar / Client: COMPANIA NATIONALA DE ADMINISTRARE A INFRASTRUCTURII NATIONALE
Beneficiary / Client: NATIONAL ADMINISTRATION COMPANY OF ROAD INFRASTRUCTURE

Proiectant / Designer: EGIS ROMANIA SA, SEARCH CORPORATION

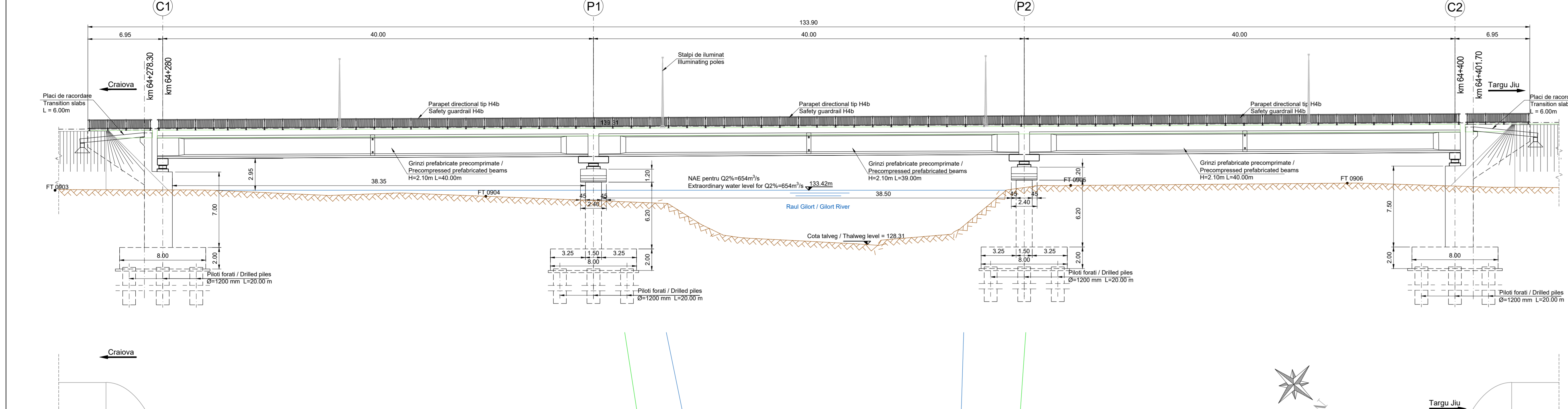
ELABORARE STUDIU DE FEZABILITATE SI PROIECT TEHNIC PENTRU AUTOSTRADA CRAIOVA-FILAS SI DRUM EXPRES TARGU JIU
PREPARATION OF FEASIBILITY STUDY AND TECHNICAL DESIGN FOR CRAIOVA-FILAS MOTORWAY AND FILAS/TARGU JIU EXPRESS ROAD

DISPOZITIE GENERALA GENERAL LAYOUT
Pasaj pe Drum Express km 63+122 peste Drum local 21 / Passage on Express Road pk 63+122 over Local road 21

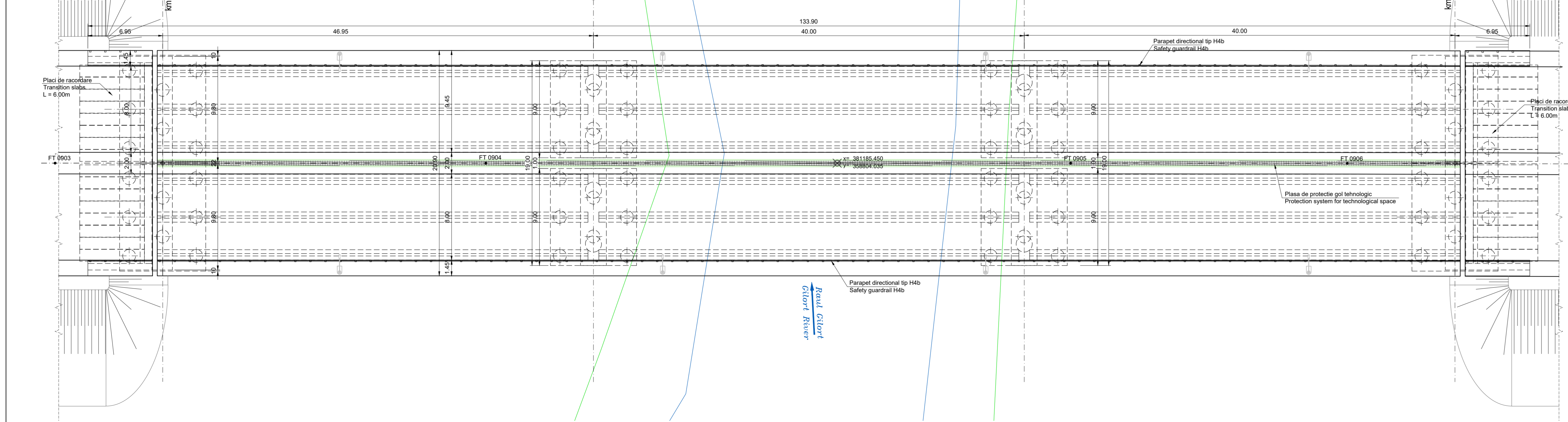
Coordonator / Project Manager: R. THADANI
Proiectant / Designer: G. PERICOLU
Inginer proiectant / Design Engineer: G. BARONCEA
Inginer proiectant / Design Engineer: M. ANDREI
Inginer proiectant / Design Engineer: A. PRODAN

Contract no. g2/22579
Date: 10/2023
Cod desen: 20170728-28-4-4.3-300-2_14-R03

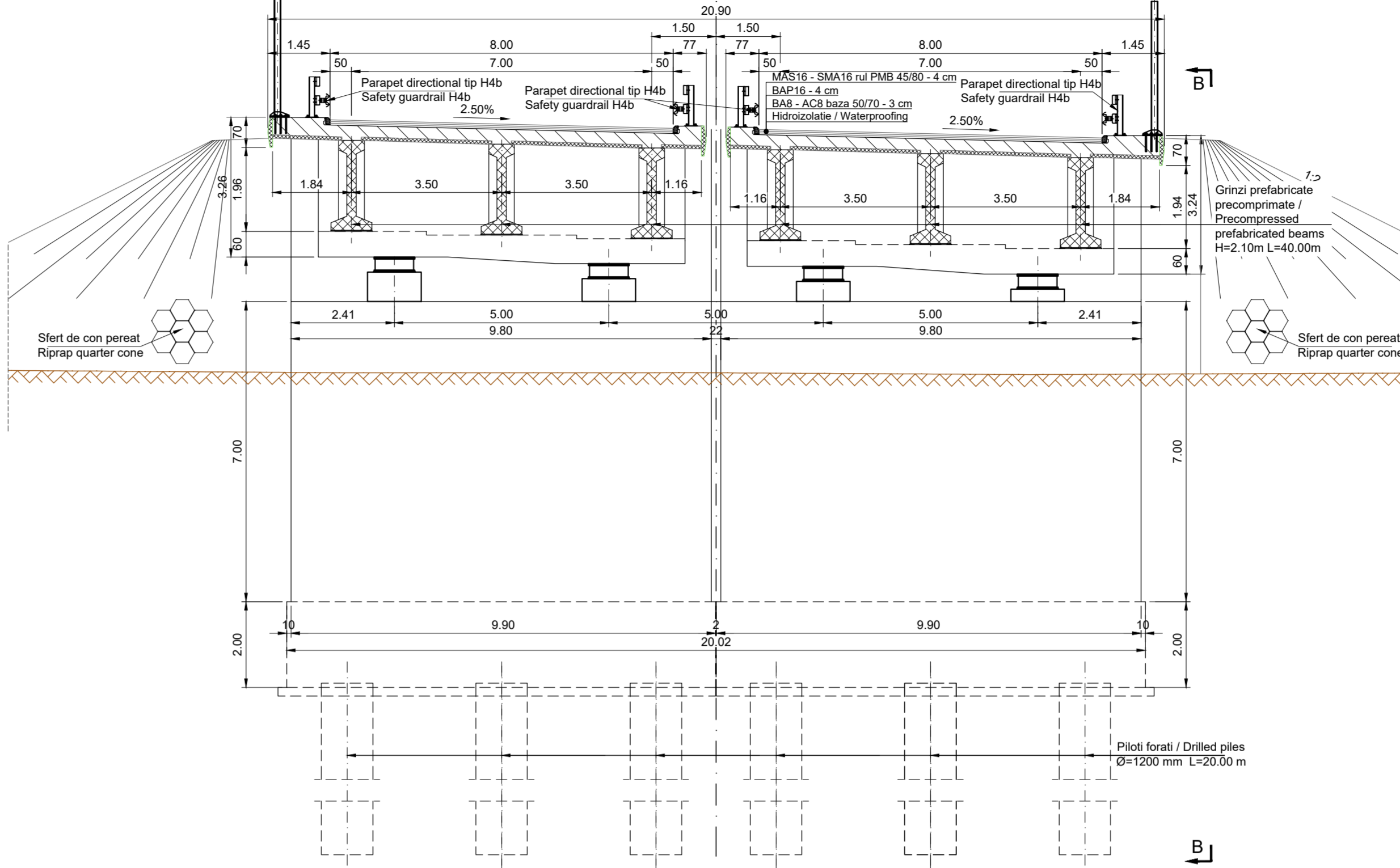
VEDERE LONGITUDINALA B-B
LONGITUDINAL VIEW B-B
Scara / Scale 1:200



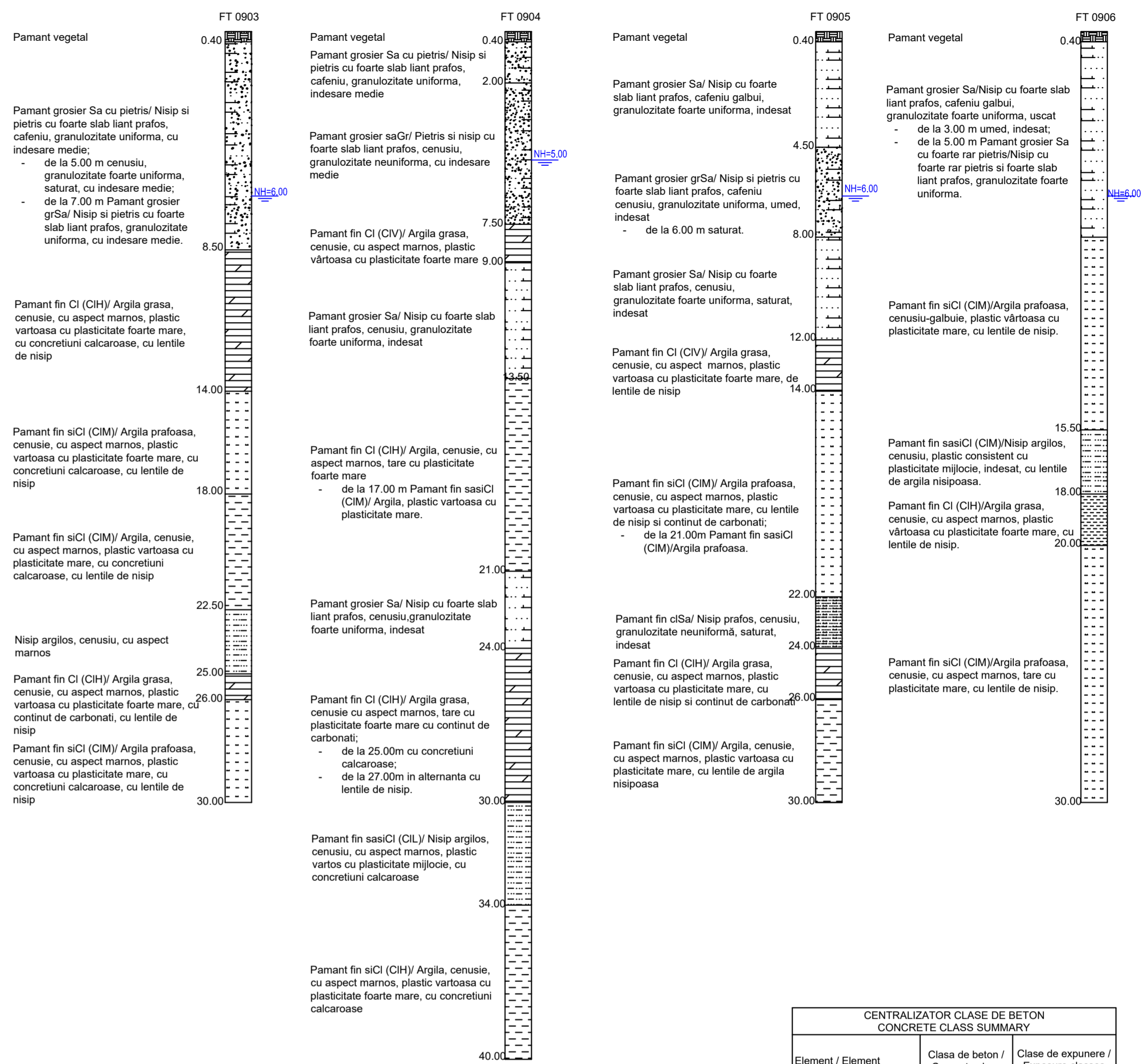
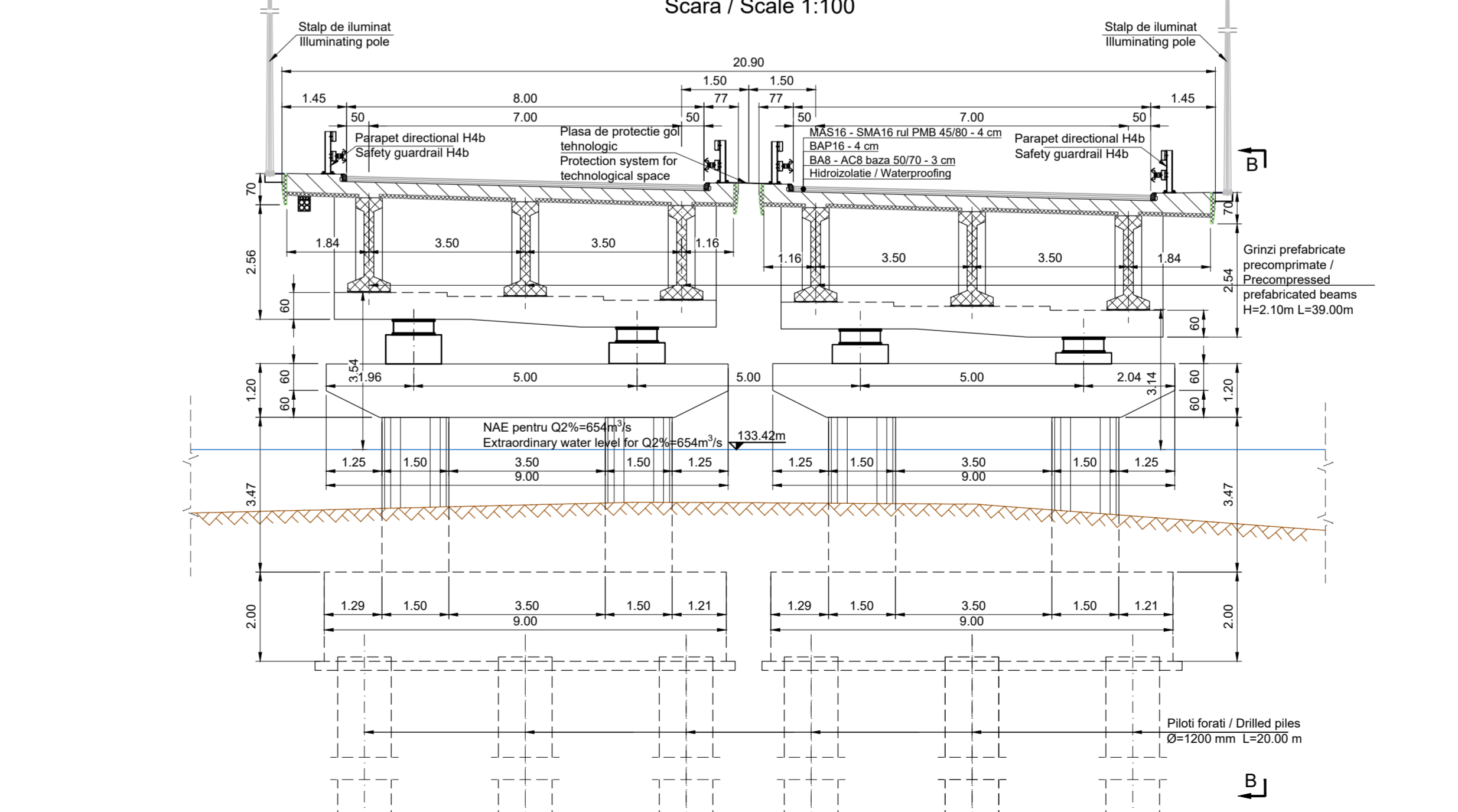
VEDERE PLANA A-A
PLAN VIEW A-A
Scara / Scale 1:200



SECTIUNE TRANSVERSALA CULEE C1
CROSS SECTION ABUTMENT C1
Scara / Scale 1:100



SECTIUNE TRANSVERSALA PILA P1
CROSS SECTION PIER P1
Scara / Scale 1:100



CENTRALIZATOR CLASE DE BETON CONCRETE CLASS SUMMARY		
Element / Element	Clasa de beton / Concrete class	Clasa de expunere / Exposure classes
Beton de zapalare / Leveling concrete	C12/15	X0
Piloti forati / Drilled piles	C30/37	XC4
Radiere / Foundations	C35/45	XC4
Elemente / Elevations	C35/45	XC4 XD3 XF4
Placa de suprapunetare / Overconcreting slab	C35/45	XC1 XD3
Antretoaze / Cross beams	C35/45	XC1 XD3
Pereu / Riprap	C30/37	XC4 XF2
Fundatii pereu / Riprap foundations	C30/37	XC4
Arpi / Wing Walls	C35/45	XC4 XD3 XF4
Grinzi prefabricate / Prefabricated beams	C50/60	XC3 XF1 XF3
Predate / Prestabs	C35/45	XC3 XF1 XF3

Durata de viata: 120 ani
Convolve de calcul LM1 - conf. SR EN 1991-2:2005 LM2 - conf. SR EN 1991-2:2005
Categorie de importanta: "B"
Grad de seismicitate: "7", conf. SR 111001-93 a₀=0.20g, T_c=0.7s conf. P100-1:2013
Exigente de verificare faza PT: A4, B2, D, Af

Lifespan: 120 years
Loading convolve LM1 - acc. SR EN 1991-2:2005 LM2 - acc. SR EN 1991-2:2005
Importance category: "B"
Seismic area characteristics: "7", acc. SR 111001-93 a₀=0.20g, T_c=0.7s acc. P100-1:2013
Quality requirements for phase: A4, B2, D, Af

Conform recomandarilor Studiului Geotehnic structura este fundata indirect pe piloti forati. Diametrul si lungimea pilotilor vor fi definite in etapa urmatoare de proiectare conform HG 907.

According to the recommendations of the Geotechnical Study, the structure is indirectly founded on drilled piles. The diameter and length of the piles will be finalized in the next stage of design according to HG 907.

SCHEMA STATICA STATIC SCHEME
Craiova Targu Jiu
C1 P2 P3 C2

NOTA / NOTE: Structura pe grinzi continue Continuous girder structure

Note:

- Reprezentarea profilului de Autostada / Drum Express / drum este informativa. Profilele transversale tip se regasesc in volumul de Lucrare de Drum.
- Eventuale imbunatatiri ale terenului de fundare si/va eventuale conform recomandarilor Studiului Geotehnic.
- Representation of the profile for Motorway / Express Road / road is informative. Typical cross-sections are found in the Roadworks volume.
- Possible improvements of the foundation ground will be accounted according to recommendations of the Geotechnical Study.

BENEFICIAR CLIENT: COMPANIA NATIONALA DE ADMINISTRARE A INFRASTRUCTURII DE DRUMURI INFRASTRUCTURE COMPANY OF ROAD INFRASTRUCTURE

PROIECTANT: ADRESERA / DESIGNER: EGIS CORPORATION

ELABORARE STUDIUL DE PROIECTARE: PROIECT TERMIC PENTRU AUTOSTADA CRAIOVA PLANUL DE LUCRU SI PLANUL DE PREPARARE A PILOTLOR TARGU JIU AND TECHNICAL DESIGN FOR CRAIOVA PIILAS AND TARGU JIU PIILAS AND PREPARATION OF DRILLED PILES

ILUCSTRARI DE PISCURI, VALICUTE SI PASAJE: BRIDGES, VALICUTS AND PASSAGES WORKS

DISPOZITIE GENERALA GENERAL LAYOUT: Pod pe Drum Express km 64+278 peste Raul Giort / Bridge on Express Road pk 64+278 over Giort River

COORDONATOR ADRIAN DE PROIECT: R. THADANI

PROIECTANT DE PROIECT: G. PERCOLO

INGINIER PROIECTANT DE PISCURI: G. BARONCEA

INGINIER PROIECTANT DE PISCURI: M. ANDREI

INGINIER PROIECTANT DE PISCURI: A. FRODAN

VERIFICAT INTERN: A. FRODAN

CONTRAZI NR: 9322075

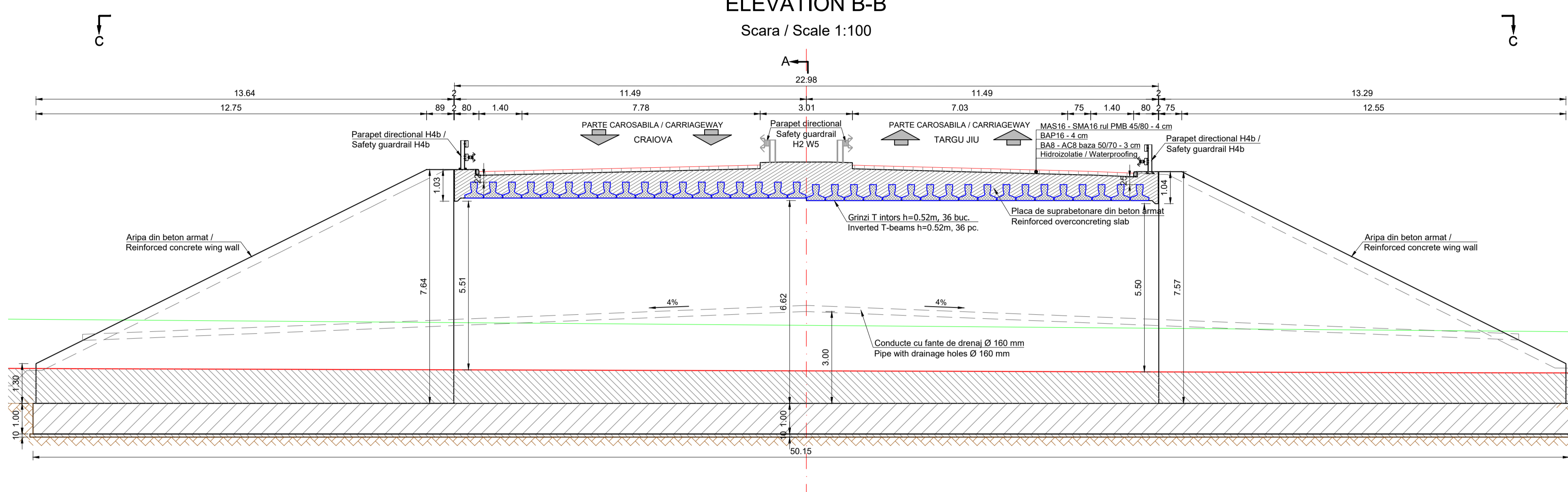
REVISIUNEA NR: 0

DATE: 10/2023

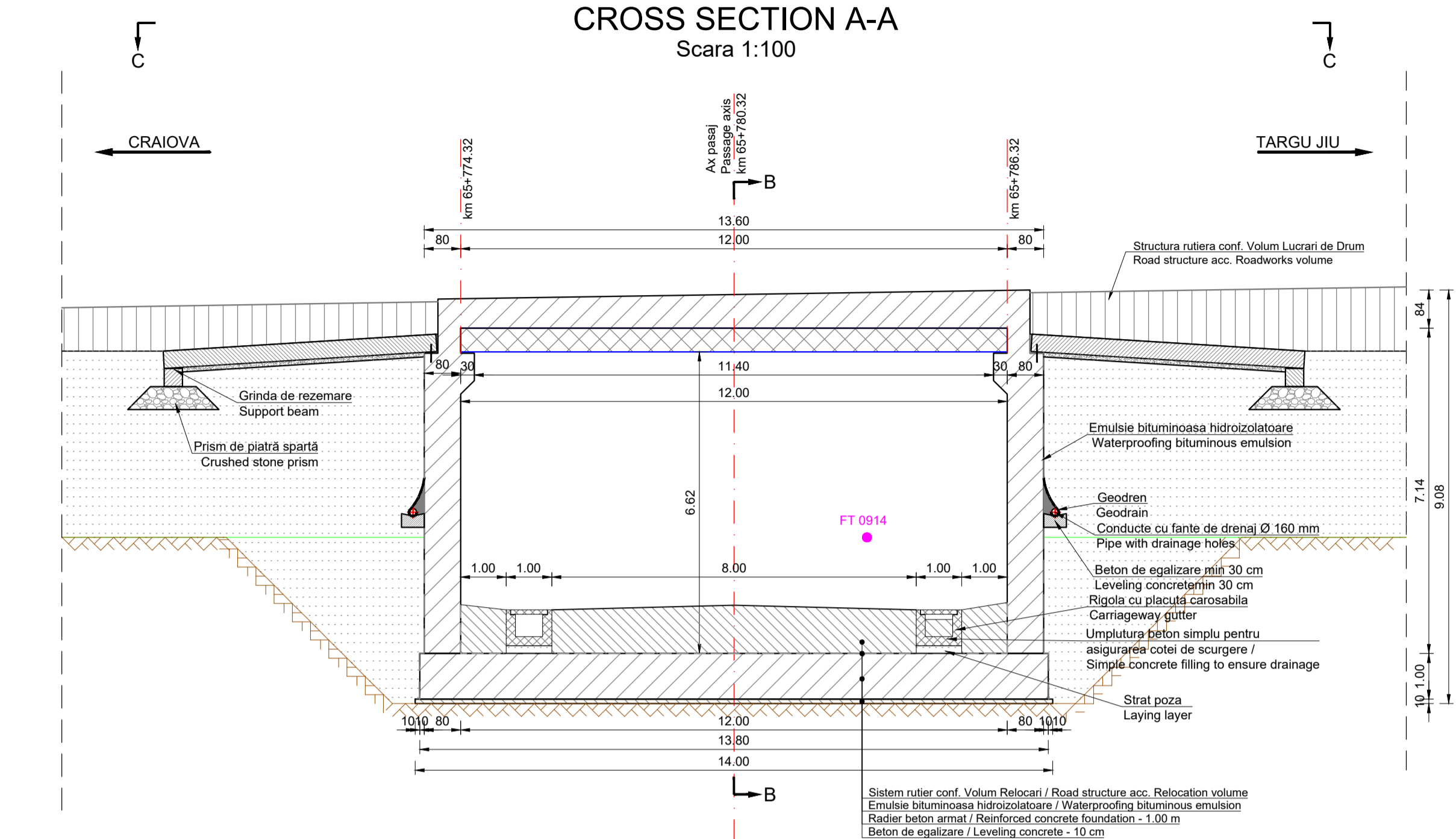
SCALA: 1:200 / 1:100

DRAGING NUMBER: 2579-G1J-SF-AL-3-00-8-15-R00

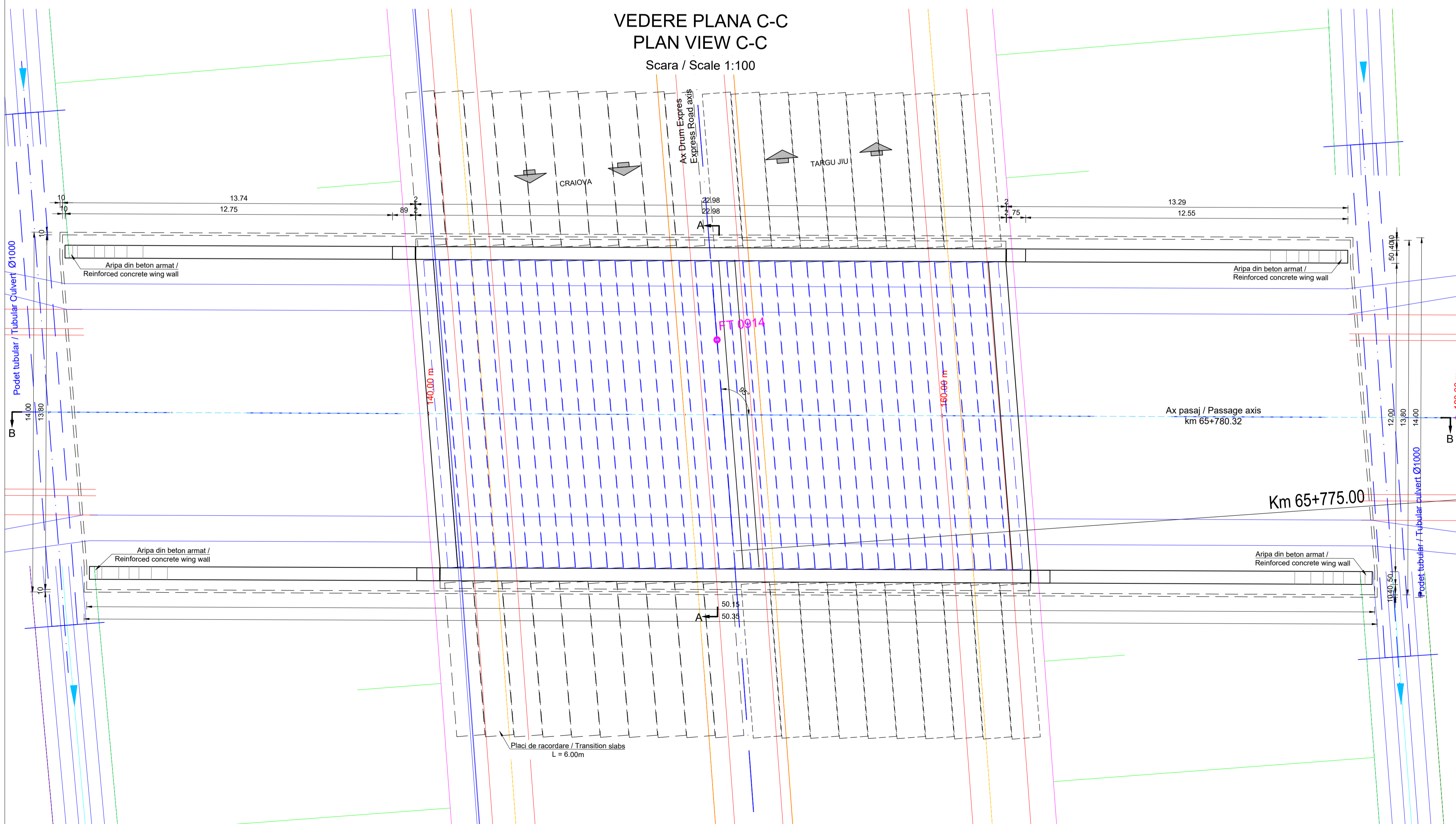
ELEVATIE B-B
ELEVATION B-B
Scara / Scale 1:100



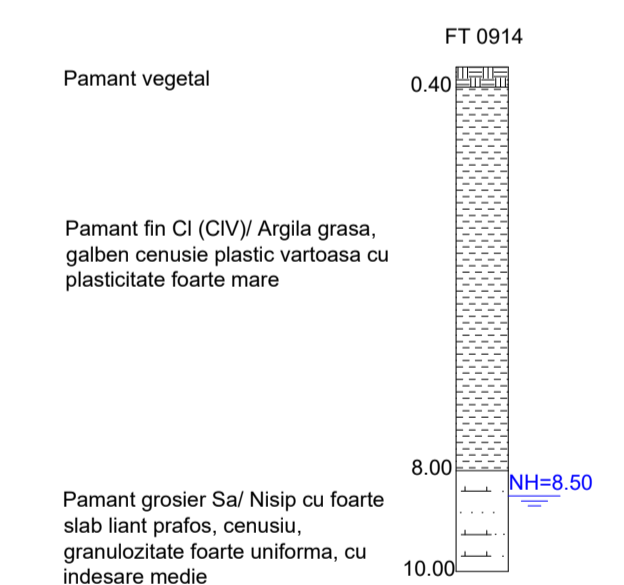
SECTIUNE A-A
CROSS SECTION A-A
Scara 1:100



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

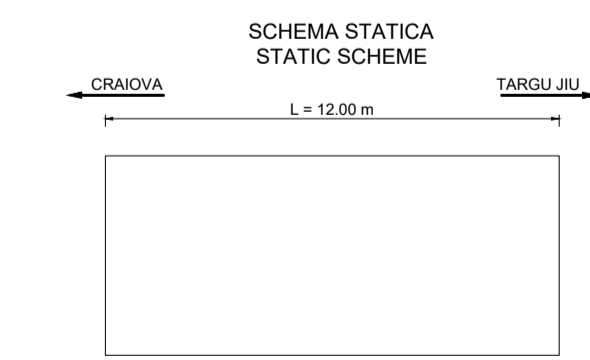


- Notă:
- Reprezentarea profilului de Autostradă / Drum Expres / drum este informativă. Profilele transversale tip se regăsesc în volumul de Lucrări de Drum.
 - Eventuale îmbunătățiri ale terenului de fundare se vor executa conform recomandărilor Studiului Geotehnic.
 - Representation of the profile for Motorway / Express Road / road is informative. Typical cross-sections are found in the Roadworks volume.
 - Possible improvements of the foundation ground will be executed according to recommendations of the Geotechnical Study.



CENTRALIZATOR CLASE DE BETON
CONCRETE CLASS SUMMARY

Element / Element	Clasa de beton / Concrete class	Clase de expunere / Exposure classes
Beton de egalizare / Leveling concrete	C12/15	X0
Piloni forati / Drilled piles	C30/37	XC4
Radier / Foundations	C35/45	XC4
Elevatii / Elevations	C35/45	XC4 XD3 XF4
Placa de suprabetonare / Overconcreting slab	C35/45	XC1 XD3
Antretoaze / Cross beams	C35/45	XC1 XD3
Pereu / Riprap	C30/37	XC4 XF2
Fundatii pene / Riprap foundations	C30/37	XC4
Aripi / Wing Walls	C35/45	XC4 XD3 XF4
Grinzi prefabricate / Prefabricated beams	C50/60	XC3 XF1 XF3
Predale / Pre-slabs	C35/45	XC3 XF1 XF3



Nota / Note:
Structura casetata executata monolit / Monolithic box structure

Durata de viață: 120 ani
Convulsie de calcul
LM1 - conf. SR EN 1991-2:2005
LM2 - conf. SR EN 1991-2:2005
Categorie de importanță: "B"
Grad de seismicitate:
"7", conf. SR 111001-1-03
a_s=0.20g, T_c=0.7s conf. P100-1:2013
Exigente de verificare faza PT: A4, B2, D
Af

Lifespan: 120 years
Loading convoys
LM1 - acc. SR EN 1991-2:2005
LM2 - acc. SR EN 1991-2:2005
Importance category: "B"
Seismic area characteristics:
"7", acc. SR 111001-1-03
a_s=0.20g, T_c=0.7s acc. P100-1:2013
Quality requirements for TP phase: A4, B2, D
Af

BENEFICIAR / CLIENT:
COMPANIA NATIONALA DE ADMINISTRARE A INFRASTRUCTURII RUTIERE
NATIONAL ADMINISTRATION COMPANY OF ROAD INFRASTRUCTURE

PROIECTANT / ASOCIARE / DESIGNER ASSOCIATION:
egis SEARCH CORPORATION SRL

ELABORARE STUDIUL DE FEZABILITATE SI PROIECT TEHNIC PENTRU AUTOSTRADA CRAIOVA-PLIAB SI DRUM EXPRES PLIAB-TARGU JIU
PREPARATION OF FEASIBILITY STUDY AND TECHNICAL DESIGN FOR CRAIOVA-PLIAB MOTORWAY AND PLIAB-TARGU JIU EXPRESS ROAD

DISPOZITIE GENERALA
GENERAL LAYOUT
Pasaj pe Drum Expres
km 65+774 peste Drum local 23 / Passage on Express Road p k 65+774 over Local road 23

COORDONATOR ADJUNCT DE PROIECT / PROJECT COORDINATOR DEPUTY: R. THADANI

INGINER PROIECTANT DE PODURI / BRIDGE DESIGN ENGINEER: G. PERICOLE

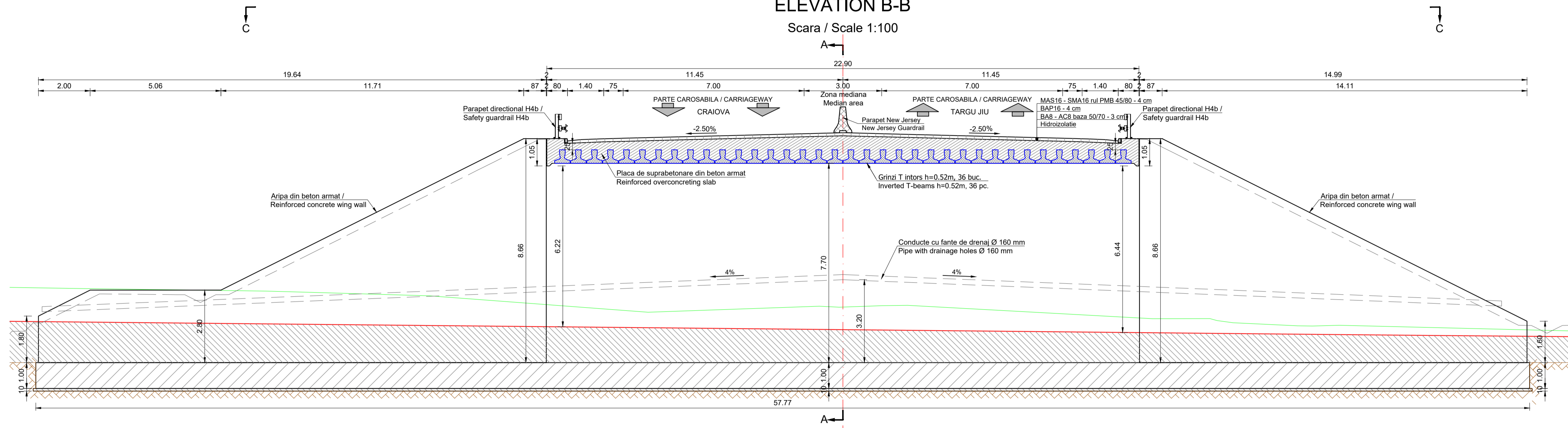
INGINER PROIECTANT DE PODURI / BRIDGE DESIGN ENGINEER: G. BARONEA

INGINER PROIECTANT DE PODURI / BRIDGE DESIGN ENGINEER: M. ANDREI

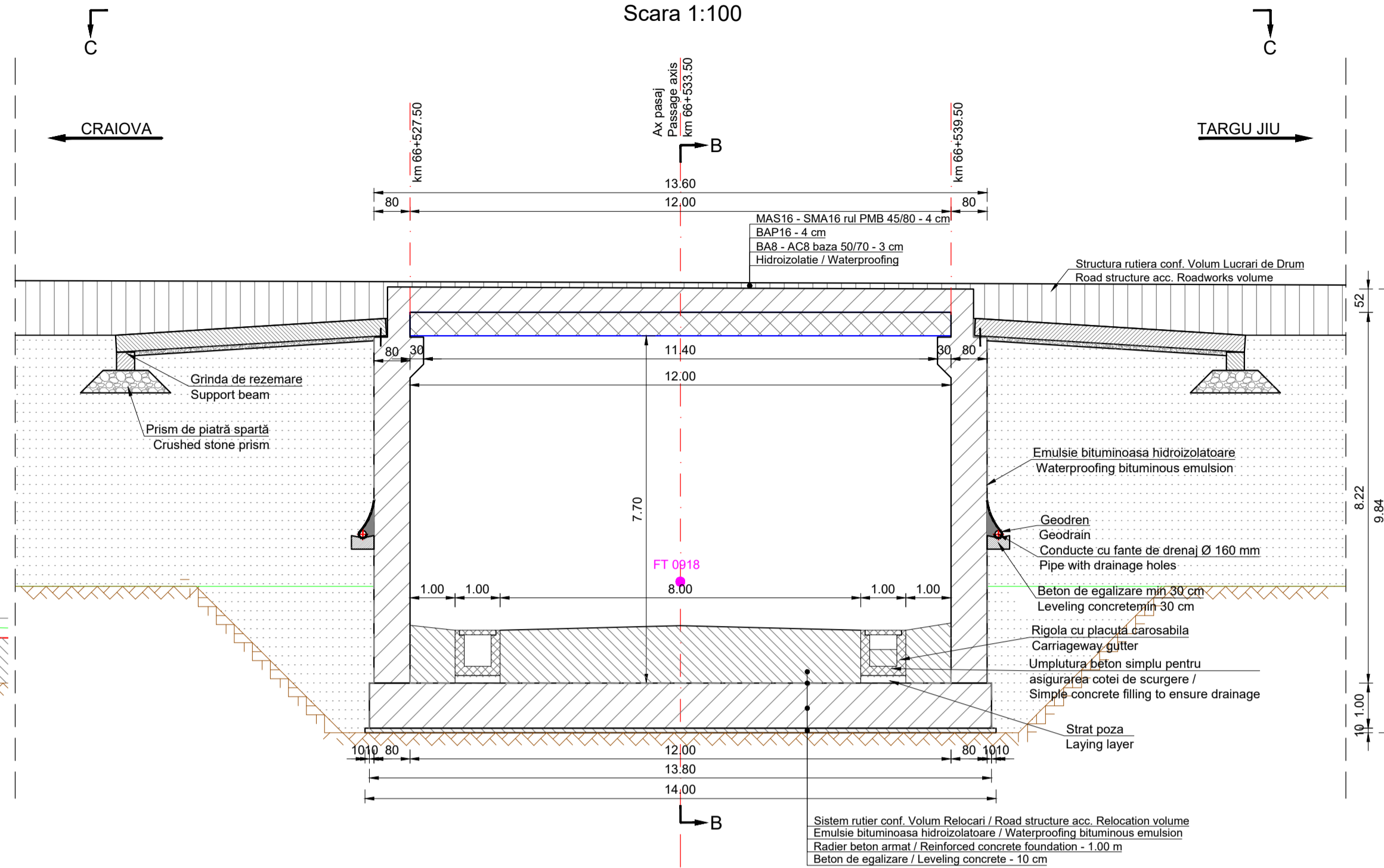
VERIFICATOR INTERN / INTERNAL CHECKER: A. PRODAN

Contract nr. 62/22579 / Revision nr. 0
Data: 10/2023 / Scara: 1:100
Date: 10/2023 / Scale: 1:100
Cof. desen: 22579-015-99-4-A3.3.00-3_17-000 / Drawing number:

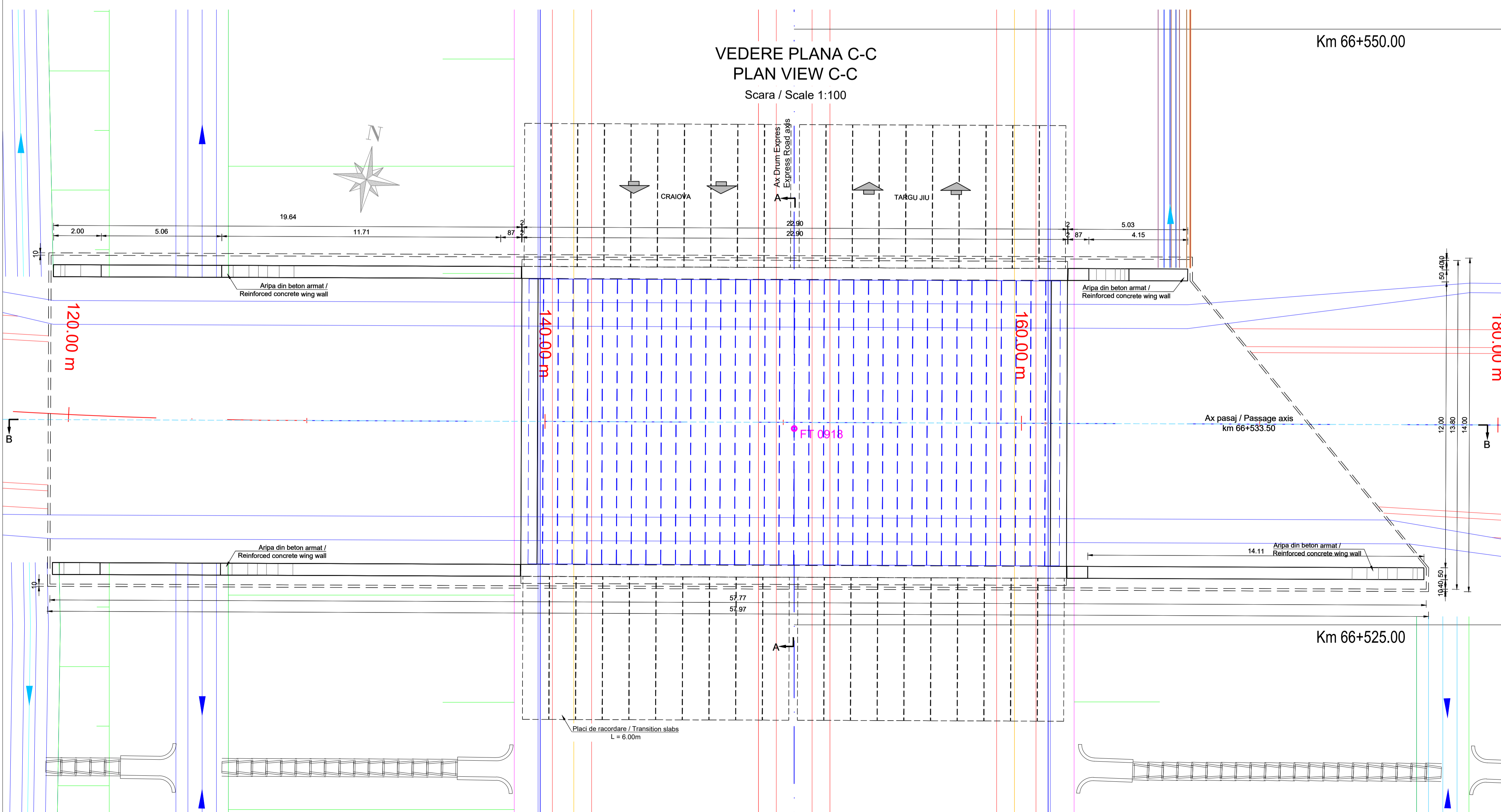
ELEVATIE B-B
ELEVATION B-B
Scara / Scale 1:100



SECTIUNE A-A
CROSS SECTION A-A
Scara 1:100

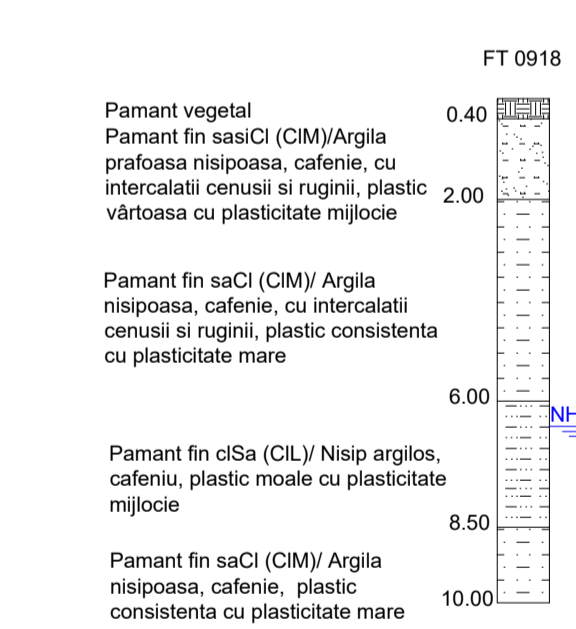


VEDERE PLANA C-C
PLAN VIEW C-C
Scara / Scale 1:100



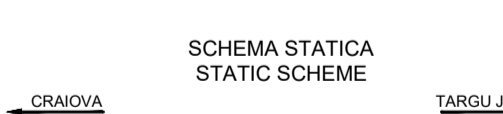
Km 66+550.00

Km 66+525.00



CENTRALIZATOR CLASE DE BETON CONCRETE CLASS SUMMARY

Element / Element	Clasa de beton / Concrete class	Clasa de expunere / Exposure classes
Beton de egalizare / Leveling concrete	C12/15	X0
Piloți forți / Drilled piles	C30/37	XC4
Radiere / Foundations	C35/45	XC4
Elevați / Elevations	C35/45	XC4 XD3 XF4
Placa de suprabetonare / Overconcreting slab	C35/45	XC1 XD3
Antretoaze / Cross beams	C35/45	XC1 XD3
Pereu / Riprap	C30/37	XC4 XF2
Fundații pereu / Riprap foundations	C30/37	XC4
Aripi / Wing Walls	C35/45	XC4 XD3 XF4
Grinzi prefabricate / Prefabricated beams	C50/60	XC3 XF1 XF3
Predale / Pre-slabs	C35/45	XC3 XF1 XF3



Nota / Note:
Structura casetata executata monolit / Monolithic box structure

Durata de viata: 120 ani
Convooie de calcul LM1 - conf. SR EN 1991-2:2005 LM2 - conf. SR EN 1991-2:2005 Categoria de importanta: "B" Grad de seismicitate: "71", conf. SR 111001-93 a_g=0.20g, T_c=0.7s conf. P100-1:2013 Exigente de verificare faza PT: A4, B2, D Af

Lifespan: 120 years Loading convoys LM1 - acc. SR EN 1991-2:2005 LM2 - acc. SR EN 1991-2:2005 Importance category: "B" Seismic area characteristics: "71", acc. SR 111001-93 a_g=0.20g, T_c=0.7s acc. P100-1:2013 Quality requirements for PT phase: A4, B2, D Af

Note:

- Reprezentarea profilului de Autostrada / Drum Express / drum este informativa. Profilele transversale tip se regasesc in volumul de Lucrari de Drum.
- Eventuale imbunatatiri ale terenului de fundare se vor executa conform recomandarilor Studiului Geotehnic.
- Representation of the profile for Motorway / Express Road / road is informative. Typical cross-sections are found in the Roadworks volume.
- Possible improvements of the foundation ground will be executed according to recommendations of the Geotechnical Study.

BENEFICIAR / CLIENT: COMPANIA NATIONALA DE ADMINISTRARE A INFRASTRUCTURII RUTIERE NATIONAL ADMINISTRATION COMPANY OF ROAD INFRASTRUCTURE

PROIECTANT / ASSOCIATED ENGINEER/ASSOCIATION: egis SEARCH CORPORATION

ELABORARE STUDIULUI DE FEZABILITATE SI PROIECT TEHNIC PENTRU AUTOSTRADA CRAIOVA-FILASII SI DRUMUL EXPRESS FILASII TARGUJIU PREPARATION OF FEASIBILITY STUDY AND TECHNICAL DESIGN FOR CRAIOVA-FILASII MOTORWAY AND FILASII-TARGUJIU EXPRESS ROAD

LUCRARI DE PODURI, VIADUCTE SI PASAJE BRIDGES, VIADUCTS AND PASSAGES WORKS

DISPOZITIE GENERALA GENERAL LAYOUT
Pasaj pe Drum Express km 66+528 peste Drum local 24 / Passage on Express Road pk 66+528 over Local road 24

COORDONATOR ADJUNCT DE PROIECT / PROJECT COORDINATOR DEPUTY: R. THADANI

INGINER PROIECTANT DE PODURI / BRIDGE DESIGN ENGINEER: G. PERRICOLI

INGINER PROIECTANT DE PODURI / BRIDGE DESIGN ENGINEER: G. BARONCEA

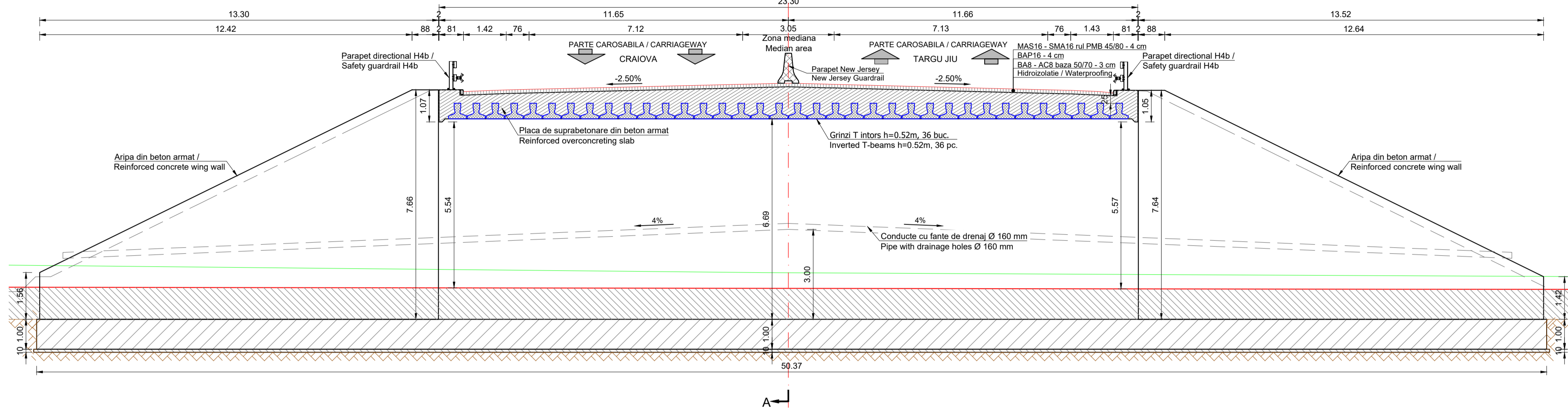
INGINER PROIECTANT DE PODURI / BRIDGE DESIGN ENGINEER: M. ANDREI

VERIFICATOR INTERN / INTERNAL CHECKER: A. PRODAN

Contract nr. 92/2579
Date: 10/2023
Cod desen: 23079-DT-07-04-A3.3-DC-8-18-000
Drawing number:

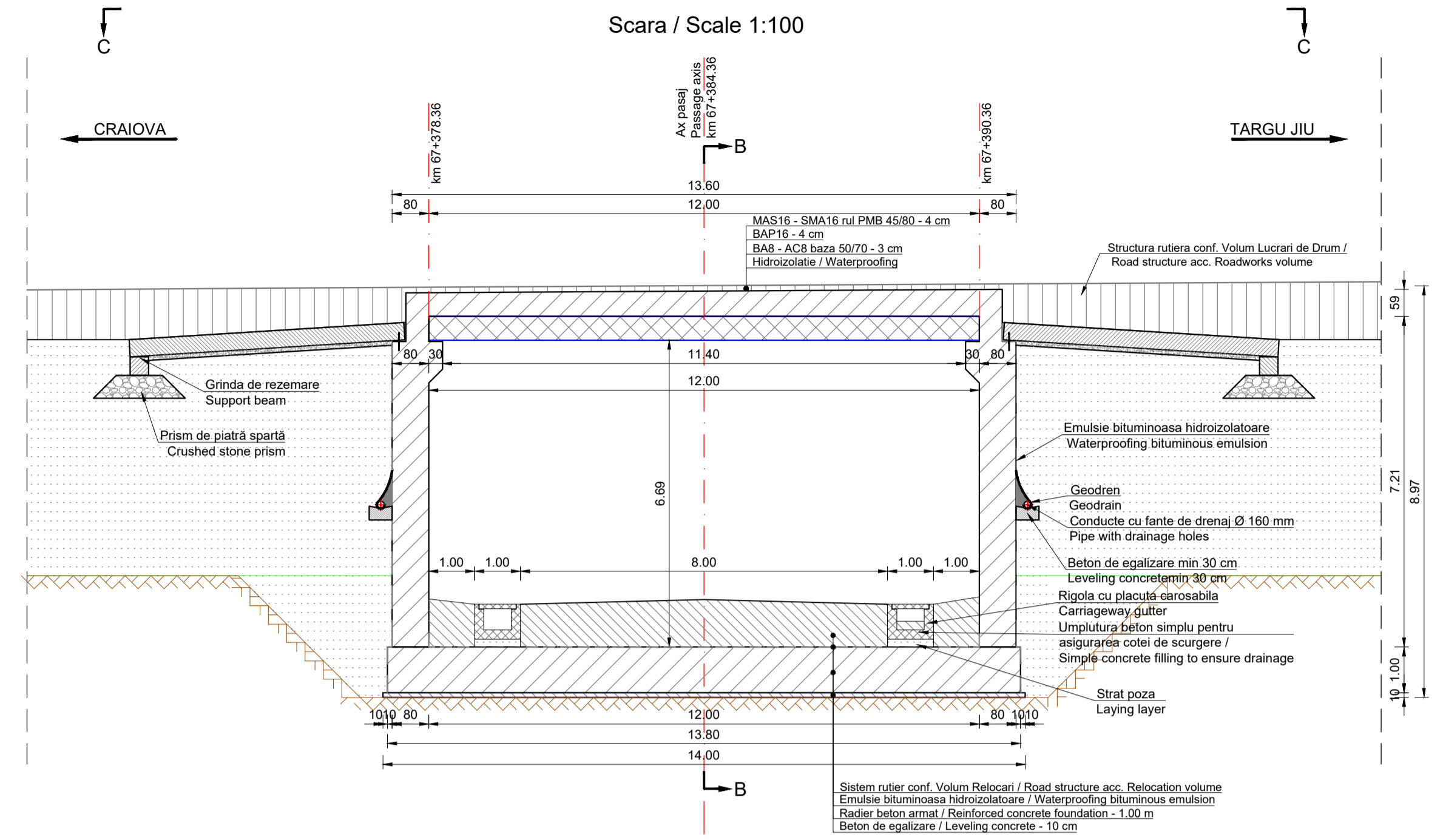
ELEVATIE B-B ELEVATION B-B

Scara / Scale 1:100



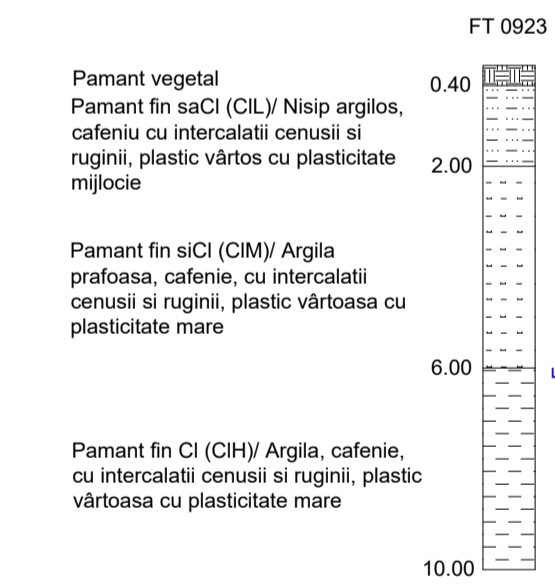
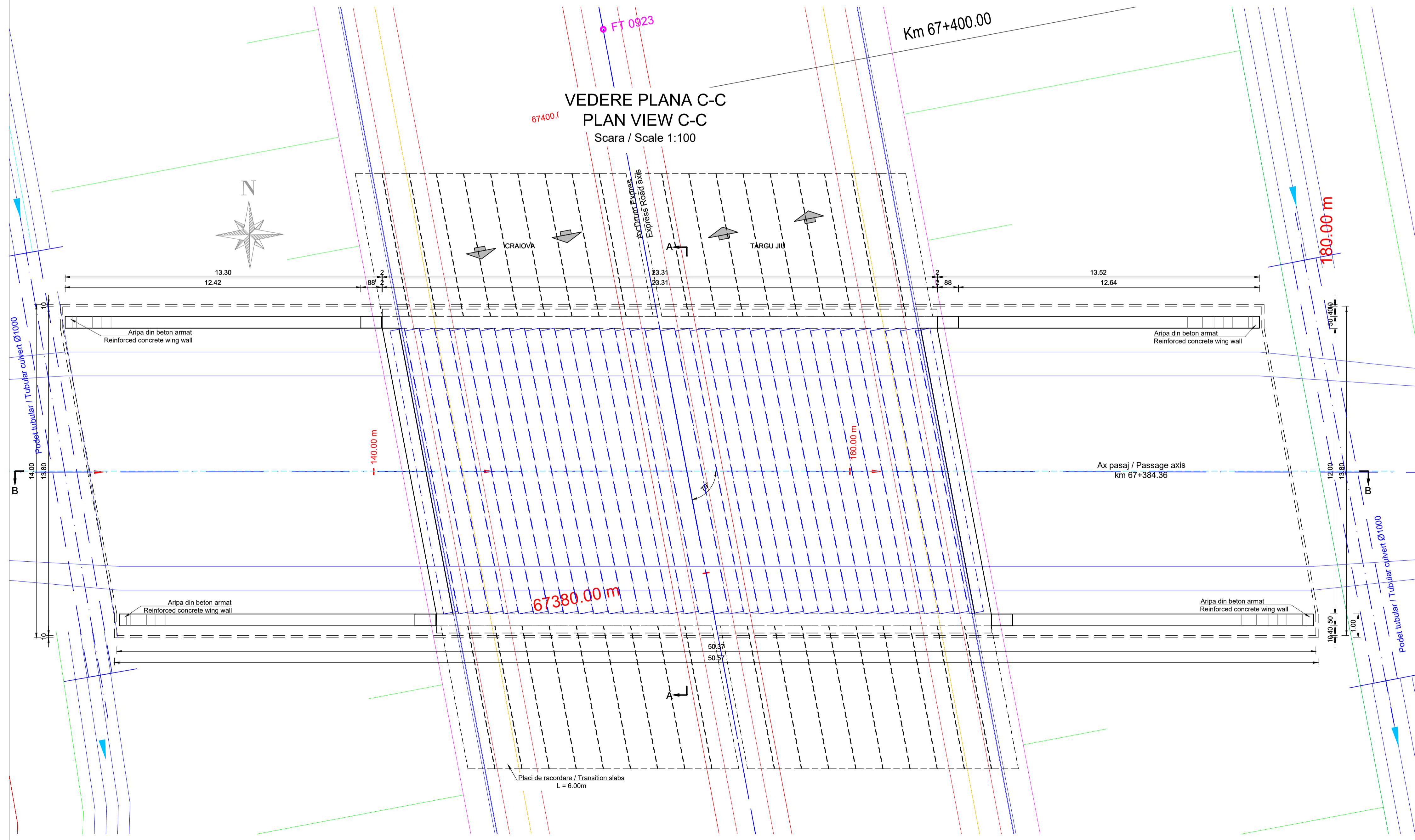
SECTIUNE A-A CROSS SECTION A-A

Scara / Scale 1:100

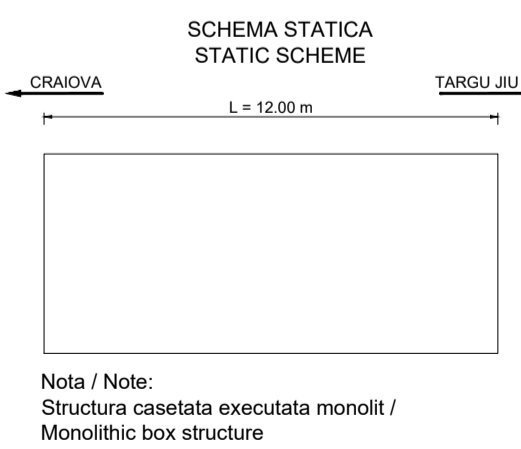


VEDERE PLANA C-C PLAN VIEW C-C

Scara / Scale 1:100



CENTRALIZATOR CLASE DE BETON CONCRETE CLASS SUMMARY		
Element / Element	Clasa de beton / Concrete class	Clase de expunere / Exposure classes
Beton de egalizare / Leveling concrete	C12/15	X0
Piloni forati / Drilled piles	C30/37	XC4
Radieri / Foundations	C35/45	XC4
Elevatii / Elevations	C35/45	XC4 XD3 XF4
Placa de suprabetonare / Overconcreting slab	C35/45	XC1 XD3
Antreloaze / Cross beams	C35/45	XC1 XD3
Pereu / Riprap	C30/37	XC4 XF2
Fundatii pereu / Riprap foundations	C30/37	XC4
Aripi / Wing Walls	C35/45	XC4 XD3 XF4
Grinzi prefabricate / Prefabricated beams	C50/60	XC3 XF1 XF3
Predale / Pre-slabs	C35/45	XC3 XF1 XF3



Nota / Note:
Structura caselata executata monolit /
Monolithic box structure

Durata de viata: 120 ani
Convazite de calcul:
LM1 - conf. SR EN 1991-2:2005
LM2 - conf. SR EN 1991-2:2005
Categorija de importanta: "B"
Grad de seismicitate:
71, conf. SR 111001-1:93
a_s=0.20g, T_c=0.7s conf. P100-1:2013
Exigente de verificare faza PT: A4, B2, D
AF

Lifespan: 120 years
Loading convoys:
LM1 - acc. SR EN 1991-2:2005
LM2 - acc. SR EN 1991-2:2005
Importance category: "B"
Seismic area characteristics:
71, acc. SR 111001-1:93
a_s=0.20g, T_c=0.7s acc. P100-1:2013
Quality requirements for TP phase: A4, B2, D
AF

Not:

- Reprezentarea profilului de Autostrada / Drum Express / drum este informativa. Profilele transversale tip se regasesc in volumul de Lucrari de Drum.
- Eventuale imbunatatiri ale terenului de fundare se vor executa conform recomandarilor Studiului Geotehnic.
- Representation of the profile for Motorway / Express Road / road is informative. Typical cross-sections are found in the Roadworks volume.
- Possible improvements of the foundation ground will be executed according to recommendations of the Geotechnical Study.

PROIECTANT / CLIENT:
COMPANIA NATIONALA DE ADMINISTRARE A INFRASTRUCTURII RUTIERE
NATIONAL ADMINISTRATION COMPANY OF ROAD INFRASTRUCTURE

PROIECTANT / CLIENT:
EGIS ROMANIA SA

ELABORARE STUDIULUI DE FEZABILITATE SI PROIECT TEHNIC PENTRU AUTOSTRADA CRAIOVA-FILASII SI DRUMUL EXPRESS FILASII-TARGU JIU
PREPARATION OF FEASIBILITY STUDY AND TECHNICAL DESIGN FOR CRAIOVA-FILASII MOTORWAY AND FILASII-TARGU JIU EXPRESS ROAD

LUCRARI DE PODURI, VIADUCTE SI PASAJE
BRIDGES, VIADUCTS AND PASSAGES WORKS

DISPOZITIE GENERALA
GENERAL LAYOUT
Pasaj pe Drum Express
km 67+378 peste Drum local 25 /
Passage on Express Road
pk 67+378 over Local road 25

COORDONATOR ADJUNCT DE PROIECT
PROJECT COORDINATOR DEPUTY: R. THADANI

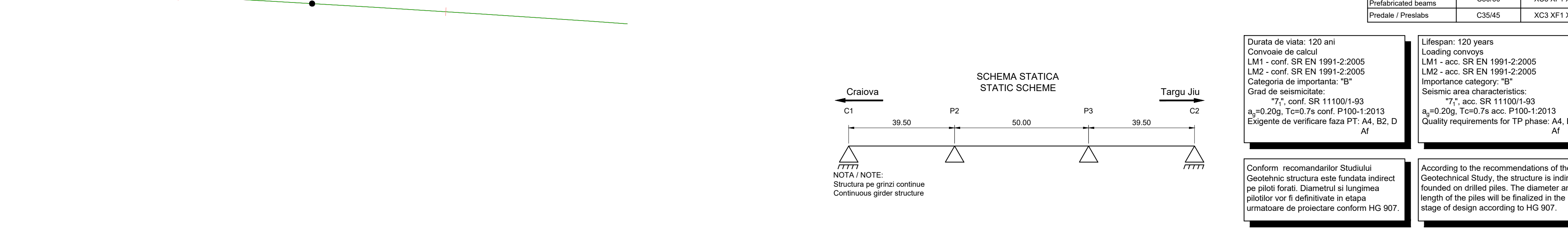
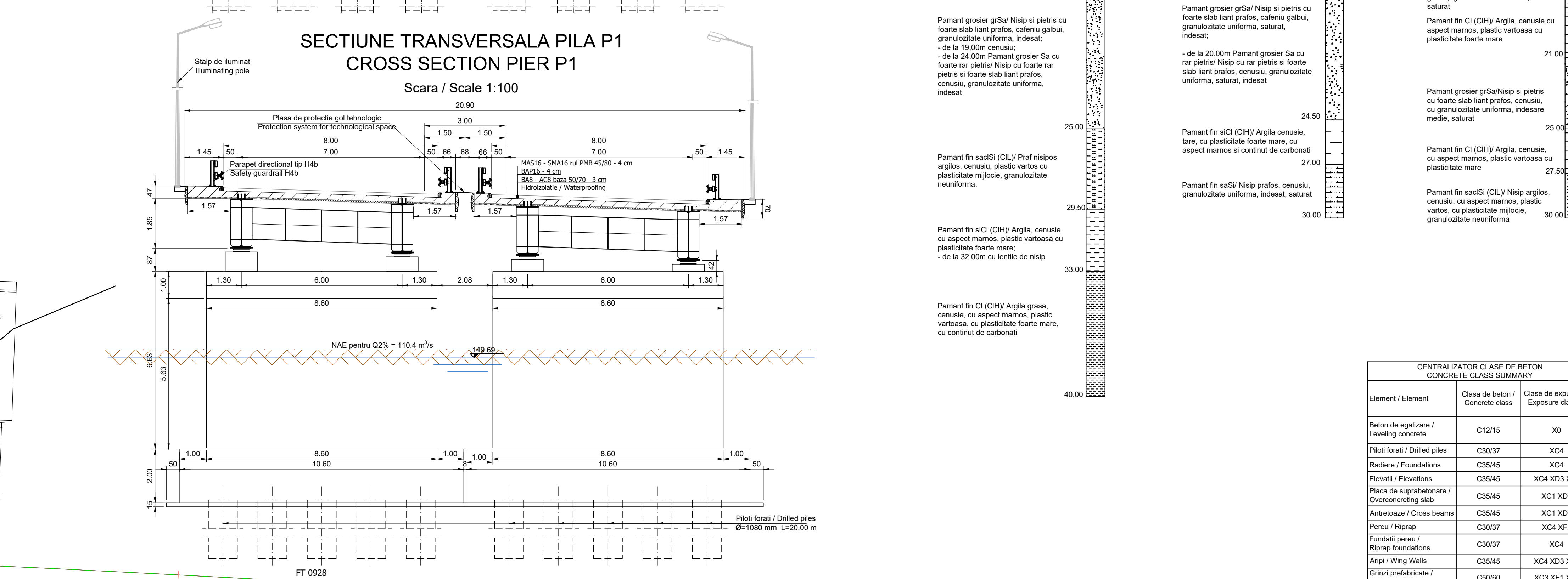
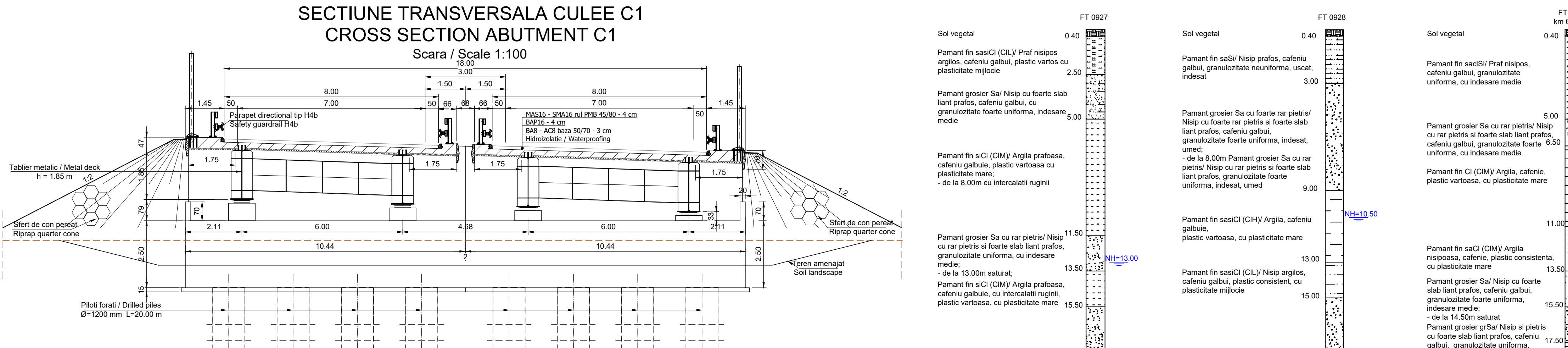
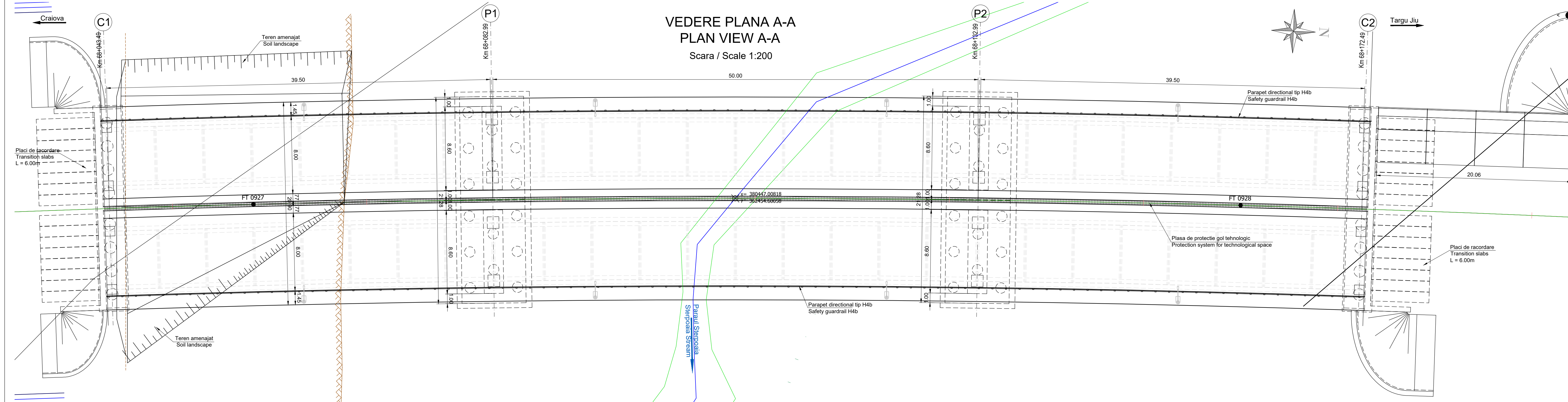
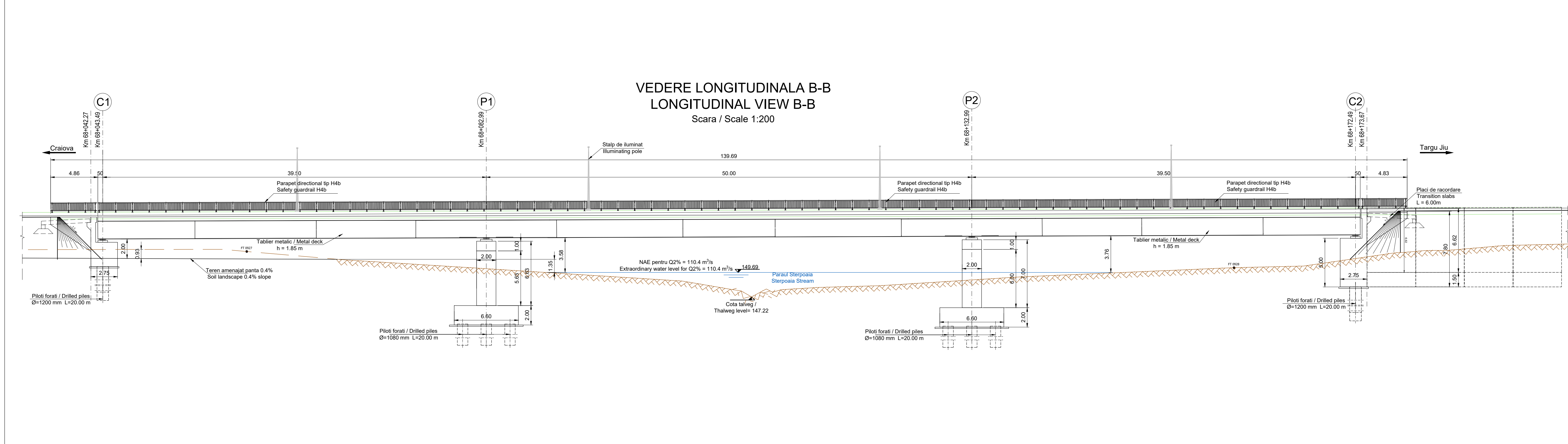
INGINER PROIECTANT DE PODURI
BRIDGE DESIGN ENGINEER: G. PERICOLO

INGINER PROIECTANT DE PODURI
BRIDGE DESIGN ENGINEER: G. BARONCEA

INGINER PROIECTANT DE PODURI
BRIDGE DESIGN ENGINEER: M. ANDREI

VERIFICATOR INTERN
INTERNAL CHECKER: A. PRODAN

Contract nr. 92/22579
Date: 10/2023
Coef. desen: 22979-019-9F-4-A3.3.00-3_19-000



FT 0927	FT 0928	FT 0929
Soi vegetal 0.40	Soi vegetal 0.40	Soi vegetal 0.40
Pământ fin săsi/CILV Praf nisipos argilos, cafeiniu galbui, plastic vartos cu plastificate mijlocie 2.50	Pământ fin săsi/ Nisip praos, cafeiniu galbui, granulozitate neuniforma, uscat, indelat 3.00	Pământ fin săsi/ Praf nisipos, cafeiniu galbui, granulozitate uniforma, cu indesare medie 5.00
Pământ grosier Sa/ Nisip cu foarte slab liant praos, cafeiniu galbui, cu granulozitate foarte uniforma, indesare medie 6.00	Pământ grosier Sa cu foarte rar pietri/ Nisip cu foarte rar pietri si foarte slab liant praos, cafeiniu galbui, granulozitate foarte uniforma, indelat, umed; - de la 6.00m Pământ grosier Sa cu rar pietri/ Nisip cu rar pietri si foarte slab liant praos, cafeiniu galbui, granulozitate foarte uniforma, indelat, umed 9.00	Pământ grosier Sa cu rar pietri/ Nisip cu rar pietri si foarte slab liant praos, cafeiniu galbui, granulozitate foarte mare 11.00
Pământ fin săci (CIM) Argila proafosa, cafeiniu galbui, plastic vartos cu plastificate mare; - de la 8.00m cu intercalatii ruginii 11.50	Pământ fin săci (CIM) Argila cafeiniu galbui, plastic consistent, cu plastificate mijlocie 13.00	Pământ fin săci (CIM) Argila nisipoasa, cafeinie, plastic consistenta, cu plastificate mare 13.50
Pământ grosier Sa cu rar pietri/ Nisip cu rar pietri si foarte slab liant praos, granulozitate uniforma, cu indesare medie; - de la 13.00m saturat; - de la 13.00m Argila proafosa, cafeiniu galbui, plastic consistent, cu plastificate mijlocie 15.00	Pământ grosier gSa/ Nisip si pietris cu foarte slab liant praos, cafeiniu galbui, granulozitate uniforma, indelat, umed; - de la 14.50m saturat 15.50	Pământ fin săci (CIM) Argila nisipoasa, cafeinie, plastic consistenta, cu plastificate mare 15.50
Pământ grosier gSa/ Nisip si pietris cu foarte slab liant praos, cafeiniu galbui, granulozitate uniforma, indelat, umed; - de la 19.00m cenusiu; - de la 24.00m Pământ grosier Sa cu foarte rar pietri/ Nisip cu foarte rar pietri si foarte slab liant praos, cenusiu, granulozitate uniforma, indelat 20.00	Pământ fin săci (CIM) Argila cenusie, cu aspect mamos, plastic vartos cu plastificate mare; - de la 20.00m Pământ grosier Sa cu rar pietri/ Nisip cu rar pietri si foarte slab liant praos, cenusiu, granulozitate uniforma, indelat, saturat 21.00	Pământ fin săci (CIM) Argila cenusie, cu aspect mamos, plastic vartos cu plastificate mare 21.00
Pământ fin săci (CILV) Praf nisipos argilos, cenusiu, plastic vartos cu plastificate mijlocie, granulozitate neuniforma 25.00	Pământ fin săci (CIM) Argila cenusie, tare, cu plastificate foarte mare, cu aspect mamos, continut de carbonati 27.00	Pământ fin săci (CIM) Argila cenusie, cu aspect mamos, plastic vartos cu plastificate mare 27.50
Pământ fin săci (CIM) Argila cenusie, cu aspect mamos, plastic vartos cu plastificate foarte mare; - de la 32.00m cu lentile de nisip 29.50	Pământ fin săci (CILV) Nisip argilos, cenusiu, cu aspect mamos, plastic vartos, cu plastificate mijlocie, granulozitate neuniforma 30.00	Pământ fin săci (CILV) Nisip argilos, cenusiu, cu aspect mamos, plastic vartos, cu plastificate mijlocie, granulozitate neuniforma 30.00

CENTRALIZATOR CLASE DE BETON CONCRETE CLASS SUMMARY

Element / Element	Clasa de beton / Concrete class	Clasa de expunere / Exposure classes
Beton de egalizare / Levelling concrete	C12/15	X0
Piloti forati / Drilled piles	C30/37	XC4
Rădări / Foundations	C35/45	XC4
Elevatii / Elevations	C35/45	XC4 XD3 XF4
Placa de suprabetonare / Overconcreting slab	C35/45	XC1 XD3
Antretoaze / Cross beams	C35/45	XC1 XD3
Pereu / Riprap	C30/37	XC4 XF2
Fundatii pereu / Riprap foundations	C30/37	XC4
Arpi / Wing Walls	C35/45	XC4 XD3 XF4
Griuzi prefabricate / Prefabricated beams	C50/60	XC3 XF1 XF3
Predav / Prestabe	C35/45	XC3 XF1 XF3

Durata de viata: 120 ani
Corvoale de calcul: LM1 - conf. SR EN 1991-2:2005
 LM2 - conf. SR EN 1991-2:2005
Categoria de importanta: "B"
Grad de seismicitate: "7", conf. SR 111001-93
 $a_0=0.20g$, $T_0=0.7s$ conf. P100-1:2013
 Exigente de verificare faza PT: A4, B2, D Af

Lifespan: 120 years
Loading convoys: LM1 - acc. SR EN 1991-2:2005
 LM2 - acc. SR EN 1991-2:2005
Importance category: "B"
Seismic area characteristics: "7", acc. SR 111001-93
 $a_0=0.20g$, $T_0=0.7s$ acc. P100-1:2013
 Quality requirements for TP phase: A4, B2, D Af

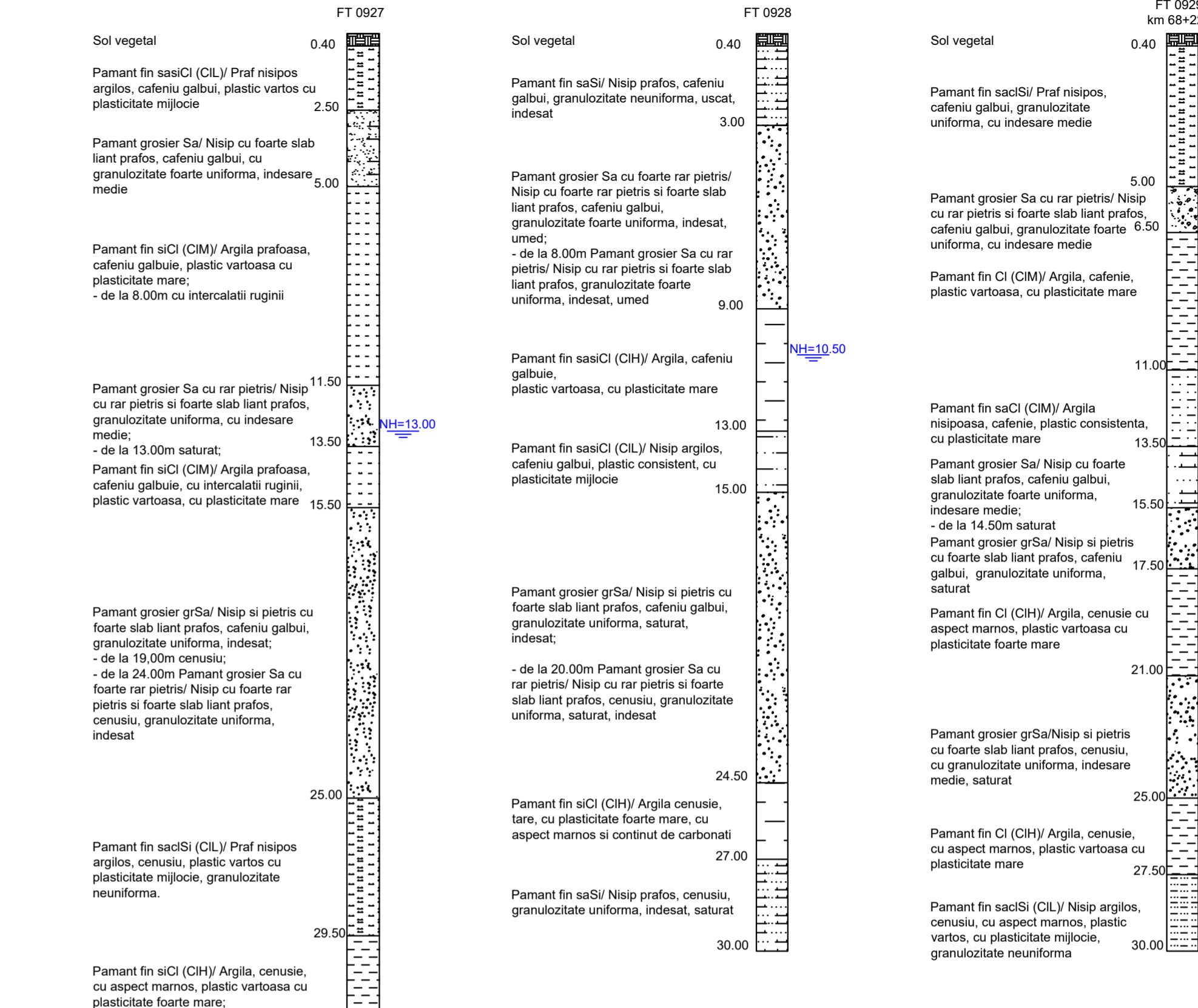
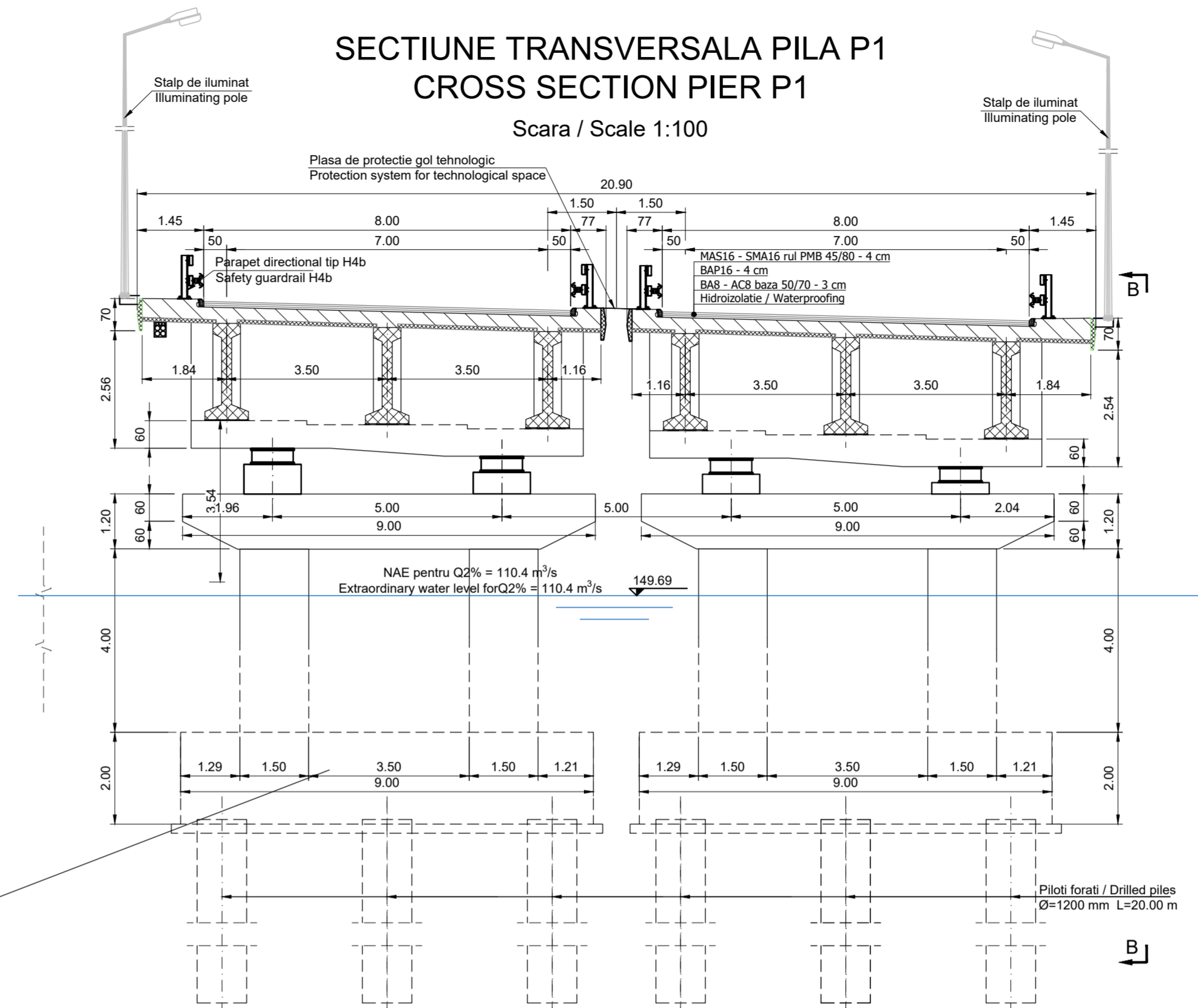
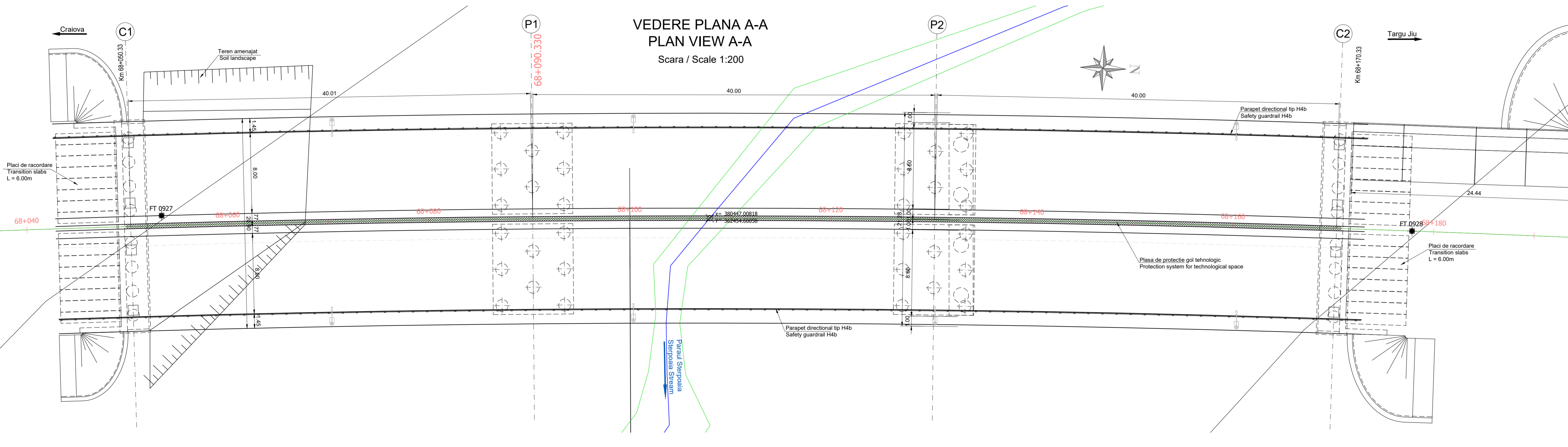
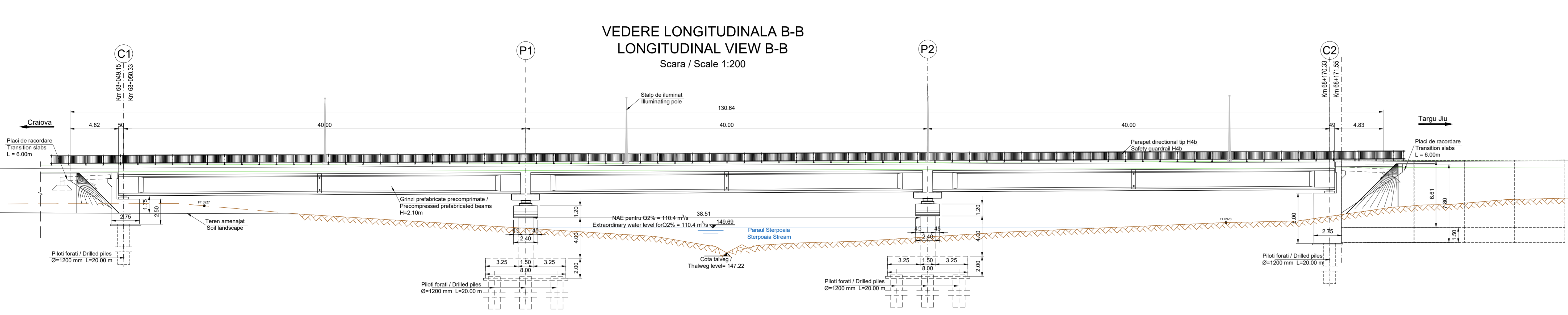
Conform recomandarilor Studiului Geotehnic structura este fundata indirect pe piloti forati. Diametrul si lungimea pilotilor vor fi definitivati in etapa urmatoare de proiectare conform HG 907.

According to the recommendations of the Geotechnical Study, the structure is indirectly founded on drilled piles. The diameter and length of the piles will be finalized in the next stage of design according to HG 907.

Note:

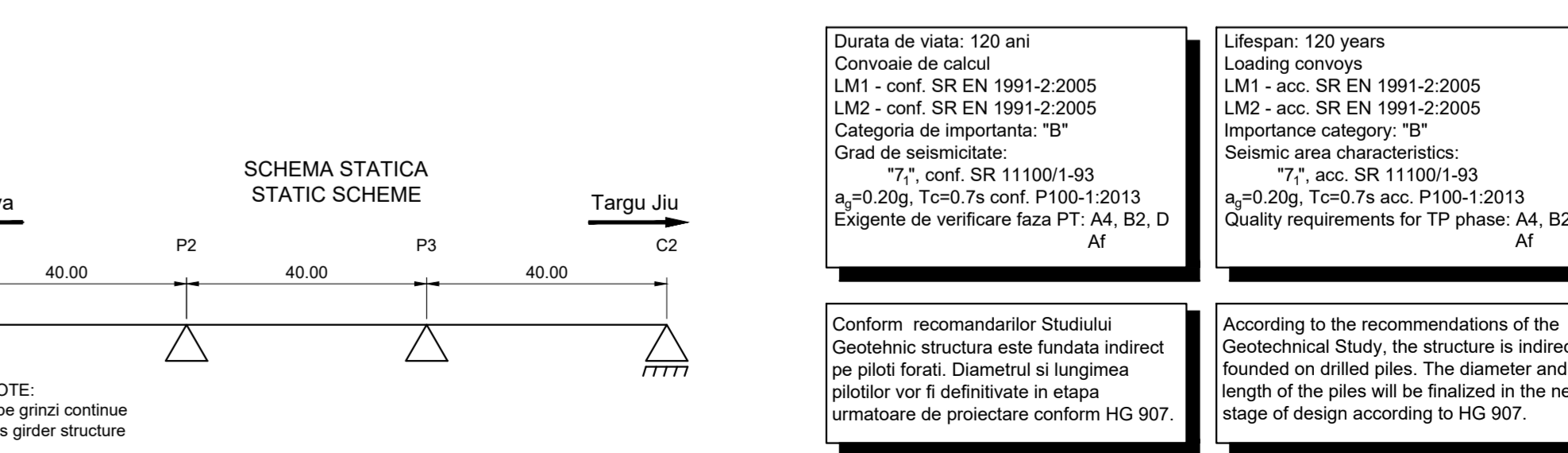
- Reprezentarea profilului de Autostrada / Drum Express / drum este informativa. Profilele transversale tip se regasesc in volumul de Lucrari de Drum.
- Eventuale imbunatatiri ale terenului de fundare se vor executa conform recomandarilor Studiului Geotehnic.
- Representation of the profile for Motorway / Express Road / road is informative. Typical cross-sections are found in the Roadworks volume.
- Possible improvements of the foundation ground will be executed according to recommendations of the Geotechnical Study.

CLIENT: COMANIA NATIONALA DE ADMINISTRARE A INFRASTRUCTURII DE CARURI
PROIECTANT: ASOCIATA DE INGINERI ARCHITECTI SI INGINERI DE PROIECTARE
PROIECTANT DE PROIECTARE: G. PERICOLE
INGINER PROIECTANT DE PROIECTARE: G. BARDONCEA
INGINER PROIECTANT DE PROIECTARE: M. ANDREI
VERIFICAT INTERN: A. PRODAN
CONTRACT NR.: 03/2023
DATA: 10/2023
SCALA: 1:200 / 1:100
NUMAR DE REVIZII: 0
REVISOR: 0
DATA: 10/2023
SCALA: 1:200 / 1:100
COD PROIECT: 2579-C11-SF-4-A-3-505-8_20-RO
NUMAR DE DESINE: 0



CENTRALIZATOR CLASE DE BETON CONCRETE CLASS SUMMARY

Element / Element	Clasa de beton / Concrete class	Clase de expunere / Exposure classes
Beton de egalizare / Leveling concrete	C12/15	X0
Piloți forati / Drilled piles	C30/37	XC4
Radieri / Foundations	C35/45	XC4
Elevatii / Elevations	C35/45	XC4 XD3 XF4
Placa de suprabetonare / Overconcreting slab	C35/45	XC1 XD3
Antretoaze / Cross beams	C35/45	XC1 XD3
Pereu / Riprap	C30/37	XC4 XF2
Fundatii periu / Riprap foundations	C30/37	XC4
Arzi / Wing Walls	C35/45	XC4 XD3 XF4
Grinzi prefabricate / Prefabricated beams	C50/60	XC3 XF1 XF3
Predale / Prelabs	C35/45	XC3 XF1 XF3



Note:

- Reprezentarea profilului de Autostrada / Drum Express / drum este informativ. Profilele transversale tip se regasesc in volumul de Lucrari de Drum.
- Eventuale imbunatatiri ale terenului de fundare se vor executa conform recomandarilor Studiului Geotehnic.
- Representation of the profile for Motorway / Express Road / road is informative. Typical cross-sections are found in the Roadworks volume.
- Possible improvements of the foundation ground will be executed according to recommendations of the Geotechnical Study.

Conform recomandarilor Studiului Geotehnic structura este fundata indirect pe piloti forati. Diametrul si lungimea pilotilor vor fi definitivate in etapa urmatoare de proiectare conform HG 907.

According to the recommendations of the Geotechnical Study, the structure is indirectly founded on drilled piles. The diameter and length of the piles will be finalized in the next stage of design according to HG 907.

CLIENT / CLIENT
COMPANIA NATIONALA DE ADMINISTRARE A INFRASTRUCTURII RUTIERE
NATIONAL ADMINISTRATION COMPANY OF ROAD INFRASTRUCTURE

PROIECTANT / ASSOCIATION OF DESIGNER ASSOCIATION
EGIS ROMANIA SA CORPORATION SRL

ELABORARE STUDIU DE FEZABILITATE SI PROIECT TINC PENTRU AUTOSTRADA CRANOVA FLARAS SI DRUMUL EXPRESS FLARAS TARGU JIU
PREPARATION OF FEASIBILITY STUDY AND TECHNICAL DESIGN FOR CRANOVA FLARAS MOTORWAY AND FLARAS EXPRESS ROAD

LUCRARI DE PODURI, VIADUCTE SI PASAJE / BRIDGES, VIADUCTS AND PASSAGES WORKS

DISPOZITIE GENERALA GENERAL LAYOUT
Pod pe Drum Express km 68+040 peste Paraul Sterpoasa Varianta 2 / Bridge on Express Road pk 68+040 over Sterpoasa Stream 2nd Version

COORDONATOR / SUBJECT DE PROIECT
R. THADANI

PROIECT COORDONATOR DEPUTAT / HEADS PROJECTANT
G. PERICLO

INGINER PROIECTANT DE PODURI / BRIDGE DESIGN ENGINEER
G. BARONCEA

INGINER PROIECTANT DE PODURI / BRIDGE DESIGN ENGINEER
M. ANDREI

INGINER PROIECTANT DE PODURI / BRIDGE DESIGN ENGINEER
A. PRODAN

VERIFICATOR INTERN / INTERNAL CHECKER
A. PRODAN

Contract no. / Contract no.
92/22/79

Revizua nr. / Revision no.
0

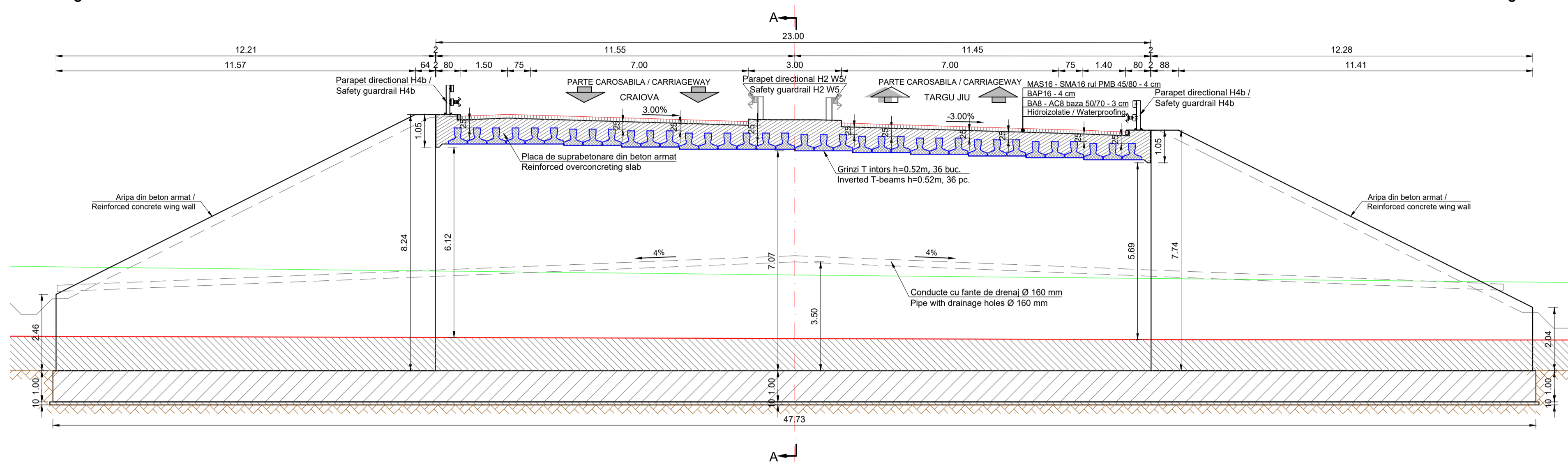
Date / Date
10/2023

Scara / Scale
1:200 / 1:100

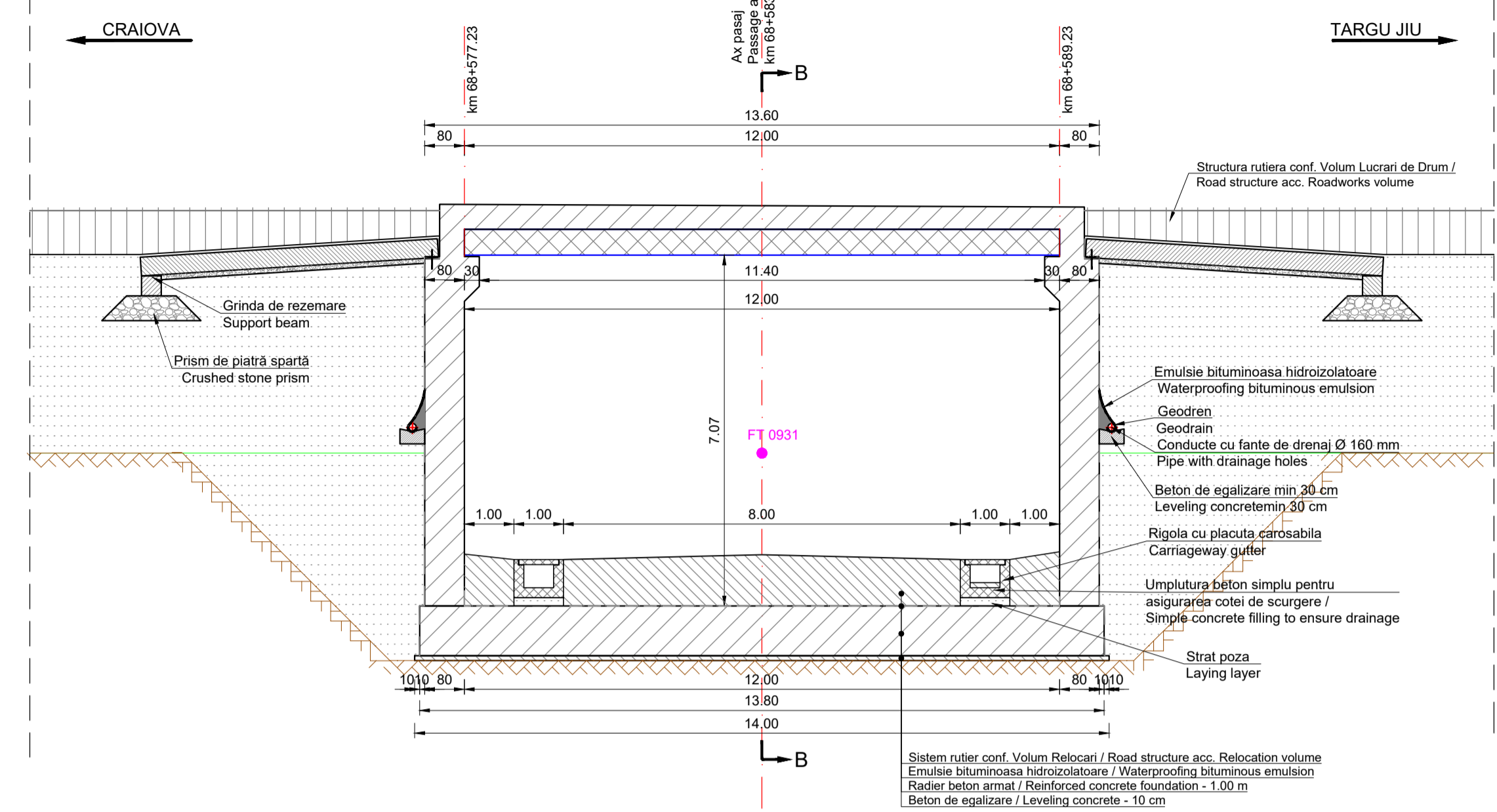
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202/9-C1-18-4-L3-3-06-9_21/03

Drawing number
21/03

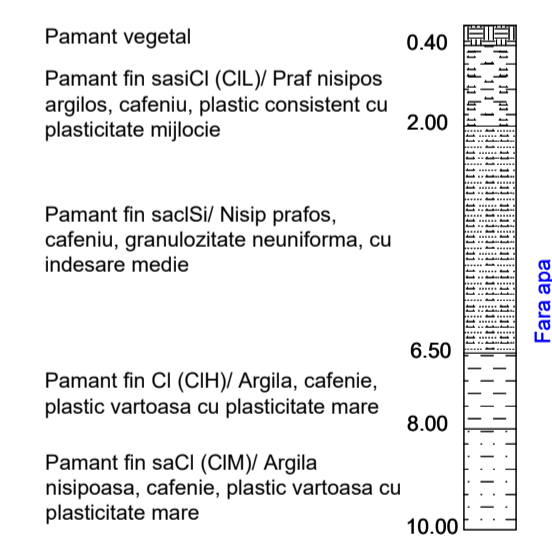
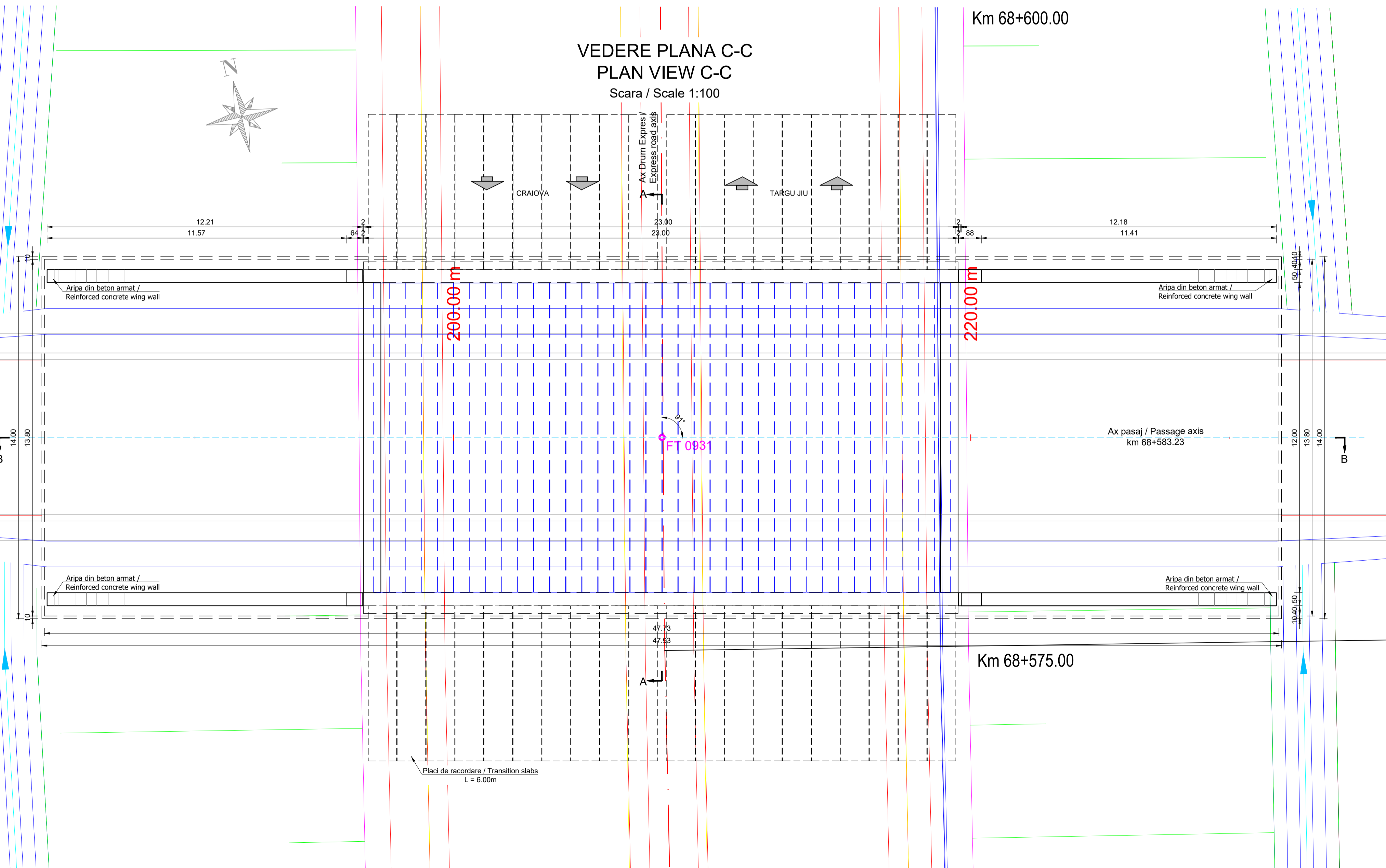
ELEVATIE B-B
ELEVATION B-B
Scara / Scale 1:100



SECTIUNE A-A
CROSS SECTION A-A
Scara 1:100

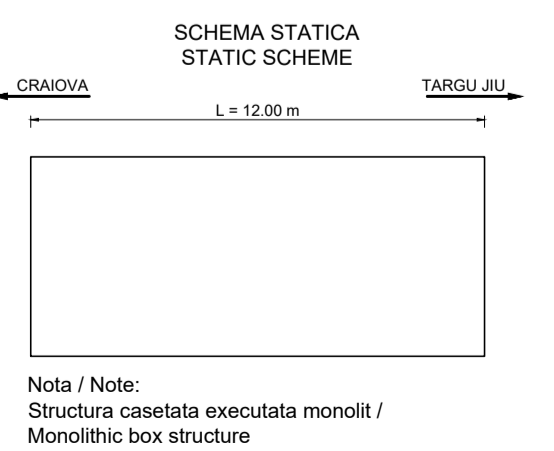


VEDERE PLANA C-C
PLAN VIEW C-C
Scara / Scale 1:100



**CENTRALIZATOR CLASE DE BETON
CONCRETE CLASS SUMMARY**

Element / Element	Clasa de beton / Concrete class	Clase de expunere / Exposure classes
Beton de egalizare / Leveling concrete	C12/15	X0
Piloți forati / Drilled piles	C30/37	XC4
Radieri / Foundations	C35/45	XC4
Elevatii / Elevations	C35/45	XC4 XD3 XF4
Placa de suprabetonare / Overconcreting slab	C35/45	XC1 XD3
Antretoaze / Cross beams	C35/45	XC1 XD3
Pereri / Riprap	C30/37	XC4 XF2
Fundatii pereri / Riprap foundations	C30/37	XC4
Aripi / Wing Walls	C35/45	XC4 XD3 XF4
Grinzi prefabricate / Prefabricated beams	C50/60	XC3 XF1 XF3
Predale / Preslabs	C35/45	XC3 XF1 XF3



Durata de via: 120 ani
Convulsie de calcul
LM1 - conf. SR EN 1991-2:2005
LM2 - conf. SR EN 1991-2:2005
Categoria de importanta: "B"
Grad de seismicitate:
71, conf. SR 111001-03
a₀=0.20g, T_c=0.7s conf. P100-1:2013
Exigente de verificare faza PT: A4, B2, D
Af

Lifespan: 120 years
Loading convoys
LM1 - acc. SR EN 1991-2:2005
LM2 - acc. SR EN 1991-2:2005
Importance category: "B"
Seismic area characteristics:
71, acc. SR 111001-03
a₀=0.20g, T_c=0.7s acc. P100-1:2013
Quality requirements for TP phase: A4, B2, D
Af

Note:

- Reprezentarea profilului de Autostrada / Drum Expres / drum este informativa. Profilele transversale tip se regasesc in volumul de Lucrari de Drum.
- Eventuale imbunatatiri ale terenului de fundare se vor executa conform recomandarilor Studiului Geotehnic.
- Representation of the profile for Motorway / Express Road / road is informative. Typical cross-sections are found in the Roadworks volume.
- Possible improvements of the foundation ground will be executed according to recommendations of the Geotechnical Study.

BENEFICIAR / CLIENT:
COMPANIA NATIONALA DE ADMINISTRARE A INFRASTRUCTURII RUTIERE
NATIONAL ADMINISTRATION COMPANY OF ROAD INFRASTRUCTURE

PROIECTANT / ASOCIEREA / DESIGNER ASSOCIATION:
egis CORPORATION SRL
EGIS ROMANIA SA

SEARCH CORPORATION SRL

ELABORARE STUDIU DE FEZABILITATE SI PROIECT TEHNIC PENTRU AUTOSTRADA CRAIOVA-FLIASI SI DRUM EXPRES FLIASI-TARGU JIU
PREPARATION OF FEASIBILITY AND TECHNICAL DESIGN FOR CRAIOVA-FLIASI MOTORWAY AND FLIASI-TARGU JIU EXPRESS ROAD

LUCRARI DE PODURI, VIADUCTE SI PASAJE
BRIDGES, VIADUCTS AND PASSAGES WORKS

DISPOZITIE GENERALA
GENERAL LAYOUT
Pasaj pe Drum Expres
km 68+577 peste Drum local 26 /
Passage on Express Road
pk 68+577 over Local road 26

COORDONATOR ADJUNCT DE PROIECT
PROJECT COORDINATOR DEPUTY
R. THADANI

INGINER PROIECTANT DE PODURI
BRIDGE DESIGN ENGINEER
G. PERICOLE

INGINER PROIECTANT DE PODURI
BRIDGE DESIGN ENGINEER
G. BARONCEA

INGINER PROIECTANT DE PODURI
BRIDGE DESIGN ENGINEER
M. ANDREI

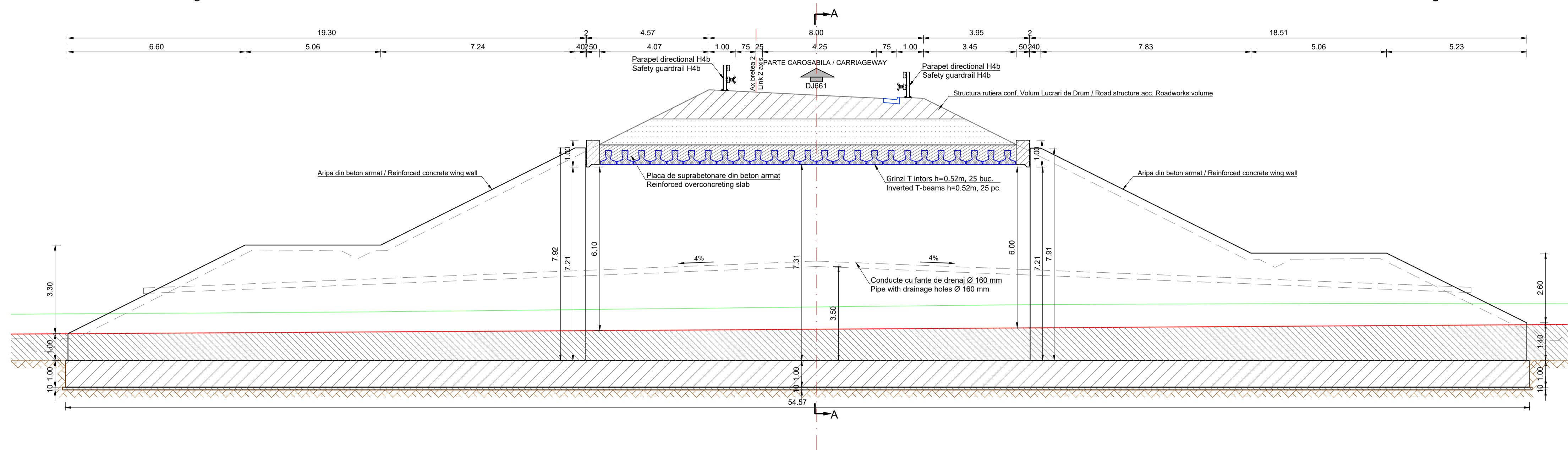
VERIFICATOR INTERN
INTERNAL CHECKER
A. PRODAN

Contract nr. 92/22579
Contract no.
Date: 10/2023
Date: 10/2023

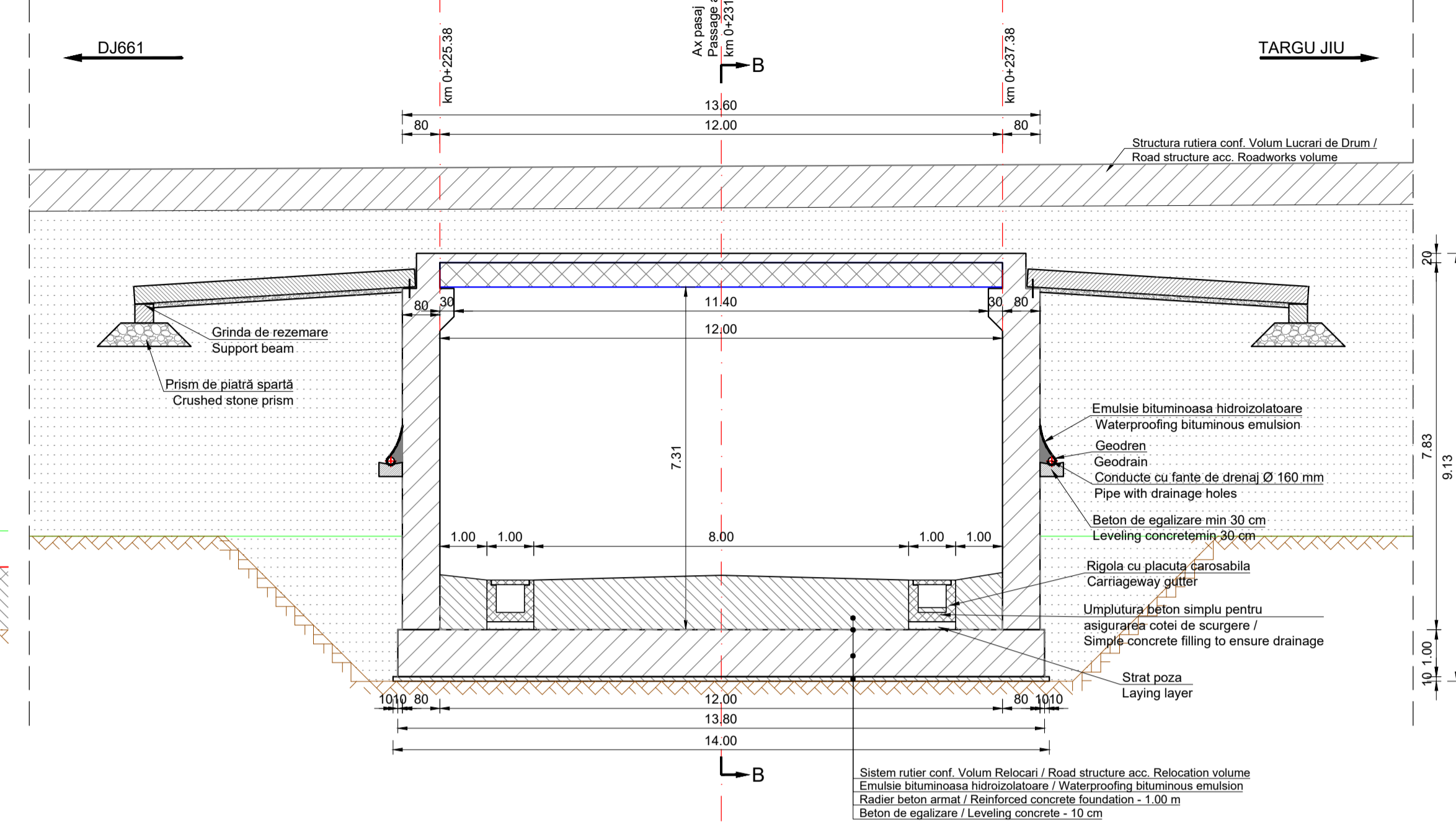
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Revision no.
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Scale: 1:100

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Drawing number:

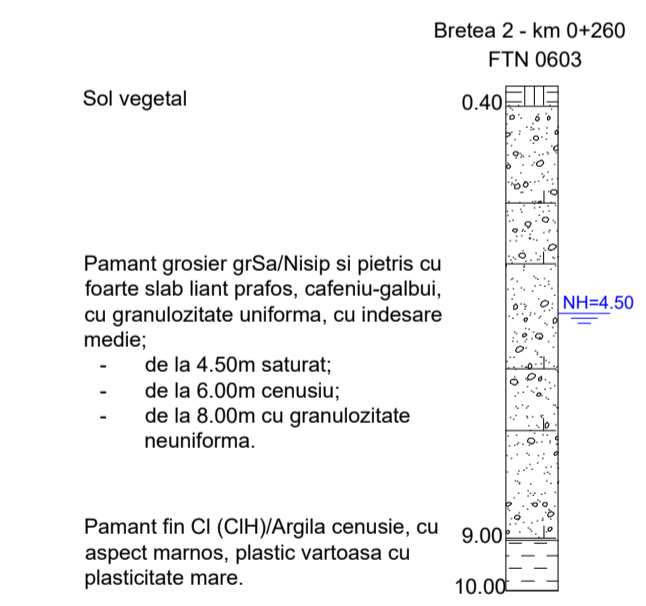
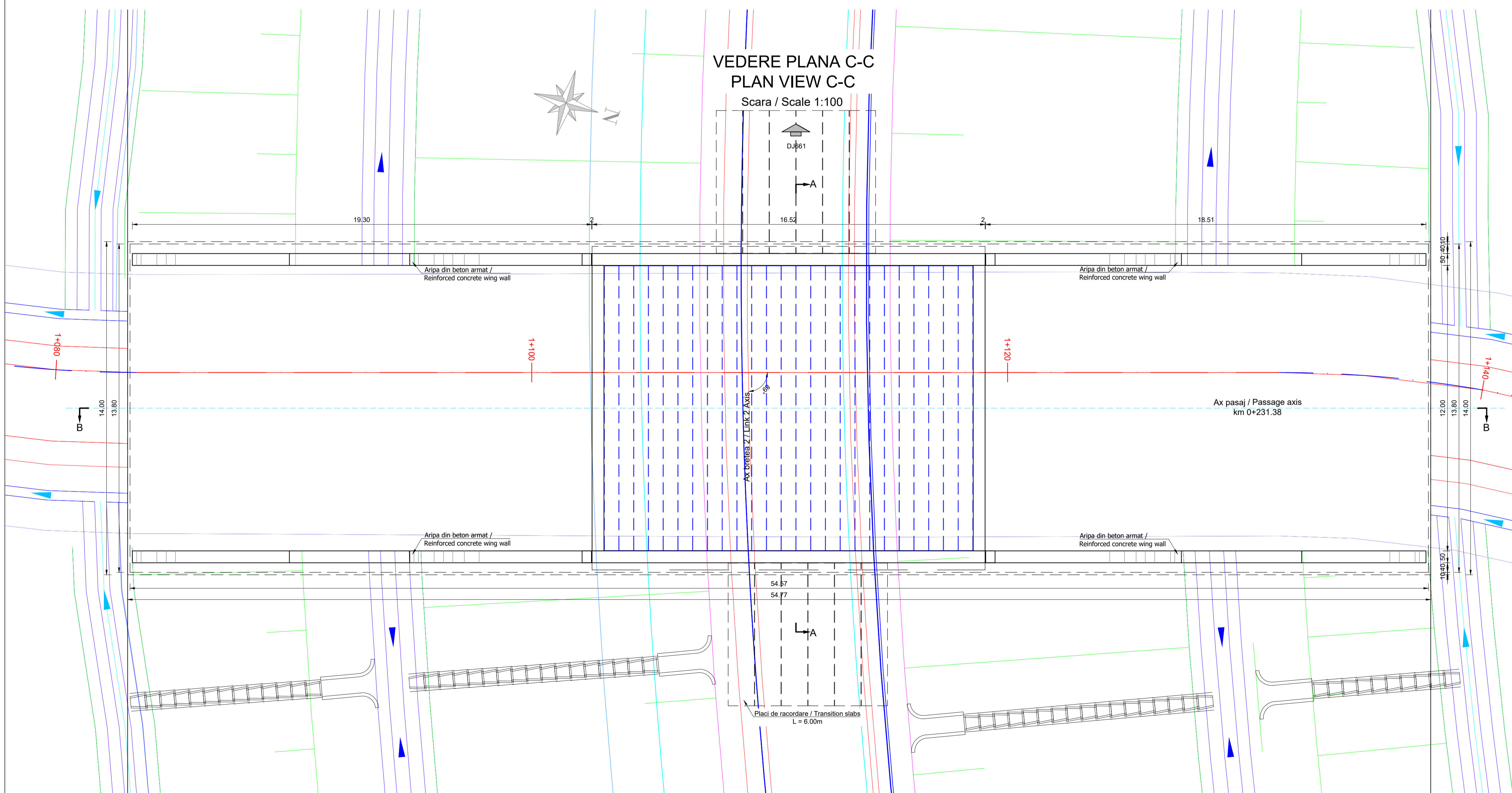
ELEVATIE B-B
ELEVATION B-B
Scara / Scale 1:100



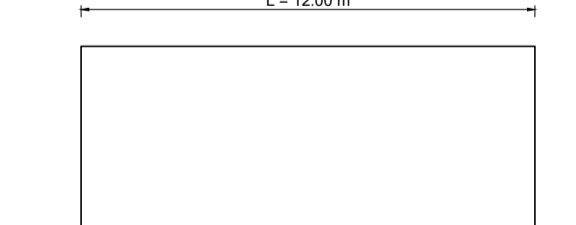
SECTIUNE A-A
CROSS SECTION A-A
Scara 1:100



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



SCHEMA STATICA STATIC SCHEME



Nota / Note:
Structura casetata executata monolit / Monolithic box structure

CENTRALIZATOR CLASE DE BETON CONCRETE CLASS SUMMARY		
Element / Element	Clasa de beton / Concrete class	Clasa de expunere / Exposure classes
Beton de egalizare / Leveling concrete	C12/15	X0
Piloți forati / Drilled piles	C30/37	XC4
Radiere / Foundations	C35/45	XC4
Elevati / Elevations	C35/45	XC4 XD3 XF4
Placa de suprabetonare / Overconcreting slab	C35/45	XC1 XD3
Antrebrzoze / Cross beams	C35/45	XC1 XD3
Pereu / Riprap	C30/37	XC4 XF2
Fundatii peruu / Riprap foundations	C30/37	XC4
Aripi / Wing Walls	C35/45	XC4 XD3 XF4
Grinzi prefabricate / Prefabricated beams	C50/60	XC3 XF1 XF3
Predale / Pre-labs	C35/45	XC3 XF1 XF3

Durata de viata: 120 ani
Convooie de calcul LM1 - conf. SR EN 1991-2:2005 LM2 - conf. SR EN 1991-2:2005 Categoria de importanta: "B"
Grad de seismicitate: "71", conf. SR 11100/1-93 a₀=0.20g, T_c=0.7s conf. P100-1:2013 Exigente de verificare faza PT: A4, B2, D Af

Lifespan: 120 years
Loading convoys LM1 - acc. SR EN 1991-2:2005 LM2 - acc. SR EN 1991-2:2005 Importance category: "B"
Seismic area characteristics: "71", acc. SR 11100/1-93 a₀=0.20g, T_c=0.7s acc. P100-1:2013 Quality requirements for TP phase: A4, B2, D Af

Note:

- Reprezentarea profilului de Autostrada / Drum Express / drum este informativa. Profilele transversale tip se regasesc in volumul de Lucrari de Drum.
- Eventuale imbunatatiri ale terenului de fundare se vor executa conform recomandarilor Studiului Geotehnic.
- Representation of the profile for Motorway / Express Road / road is informative. Typical cross-sections are found in the Roadworks volume.
- Possible improvements of the foundation ground will be executed according to recommendations of the Geotechnical Study.

BENEFICIAR / CLIENT: COMPANIA NATIONALA DE ADMINISTRARE A INFRASTRUCTURII RUTIERE NATIONAL ADMINISTRATION COMPANY OF ROAD INFRASTRUCTURE

PROIECTANT / ASSOCIATED PROFESSIONAL ASSOCIATION: egis CORPORATION SEARCH CORPORATION

ELABORARE STUDIUL DE FEZABILITATE SI PROIECT TEHNIC PENTRU AUTOSTRADA CRADOVA-FILIASI SI DRUM EXPRESS PREPARATION OF FEASIBILITY STUDY AND TECHNICAL DESIGN FOR CRADOVA-FILIASI MOTORWAY AND FILIASI-TARGU JIU EXPRESS ROAD

LUCRARI DE POOLRI, VIADUCTE SI PASAJE BRIDGES, VIADUCTS AND PASSAGES WORKS

DISPOZITIE GENERALA GENERAL LAYOUT
Pasaj pe Bretea 2 Nod Tantarani km 0+225 peste drum acces CIC / Passage on Link 2 Tantarani Interchange pk 0+225 over access road for Maintenance and Coordination Center

COORDONATOR ADJUNCT DE PROIECT / PROJECT COORDINATOR DEPUTY: G. PERICOLU

INGINER PROIECTANT DE POZURI / BRIDGE DESIGN ENGINEER: G. BARONCEA

INGINER PROIECTANT DE POZURI / BRIDGE DESIGN ENGINEER: M. ANDREI

INGINER PROIECTANT DE POZURI / BRIDGE DESIGN ENGINEER: A. PRODAN

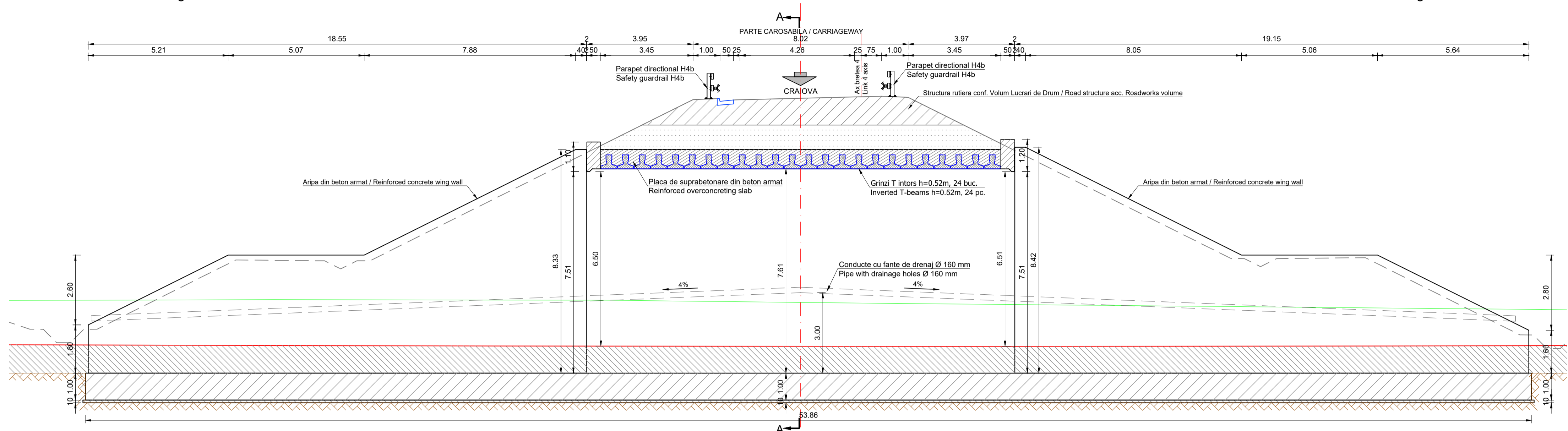
VERIFICAT INTERN INTERNAL CHECKER: A. PRODAN

Contract nr. 62/2579
Contract no. 62/2579
Date: 10/2023
Date: 10/2023

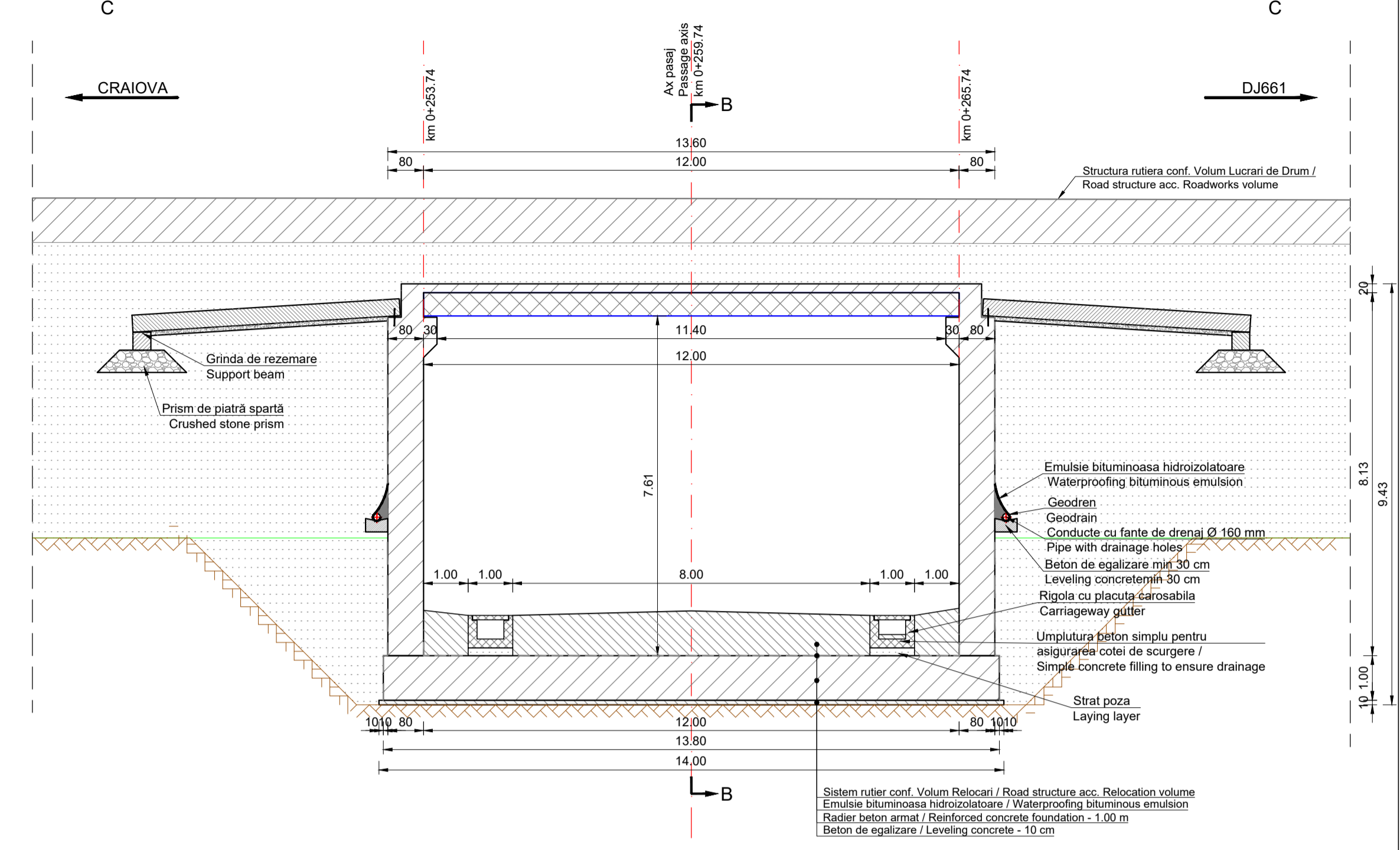
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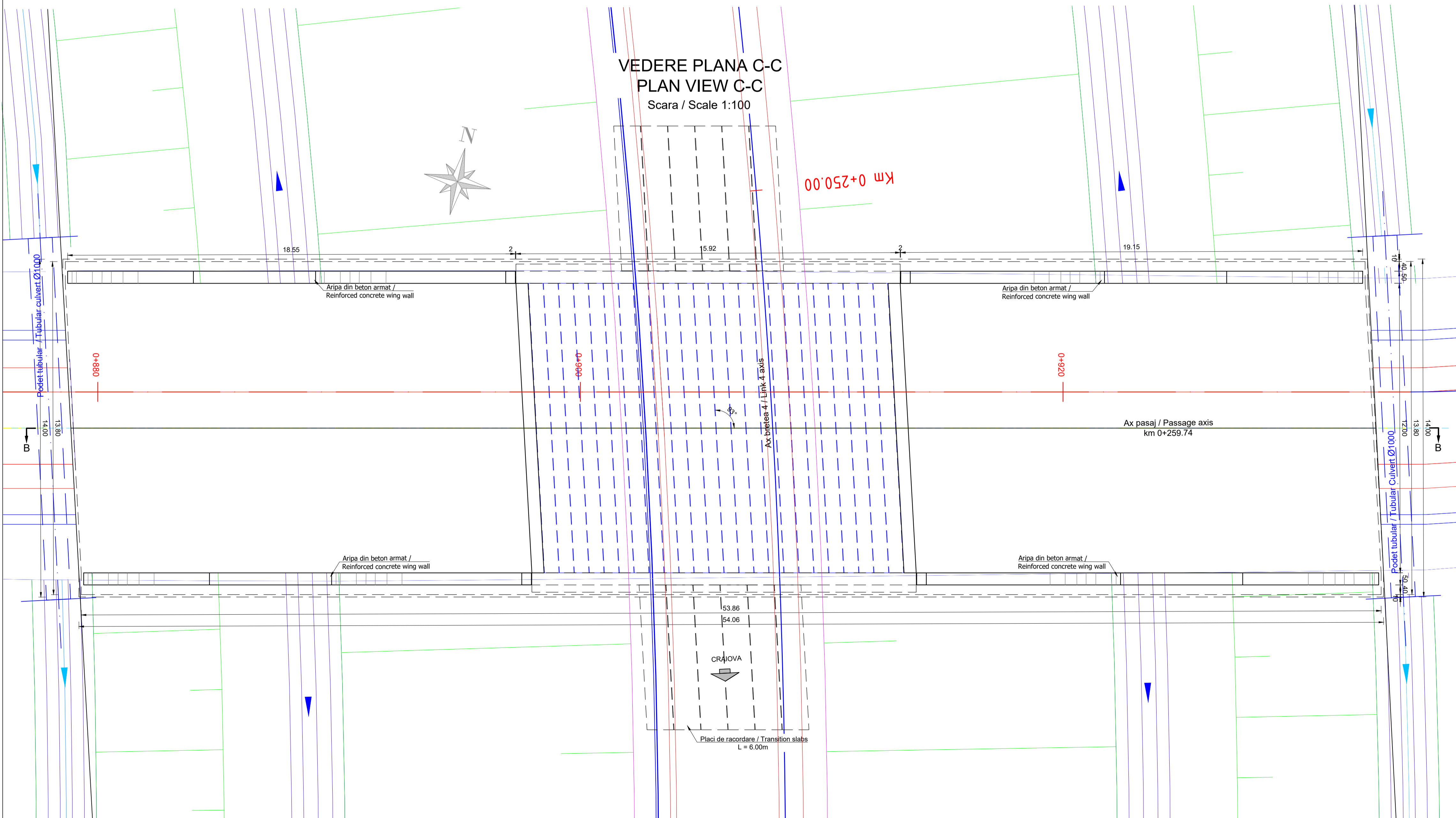
ELEVATIE B-B
ELEVATION B-B
Scara / Scale 1:100



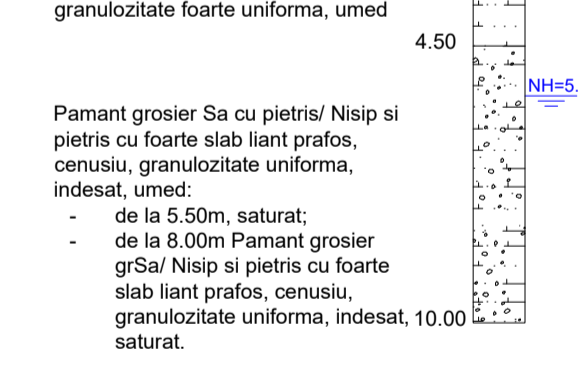
SECTIUNE A-A
CROSS SECTION A-A
Scara 1:100



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

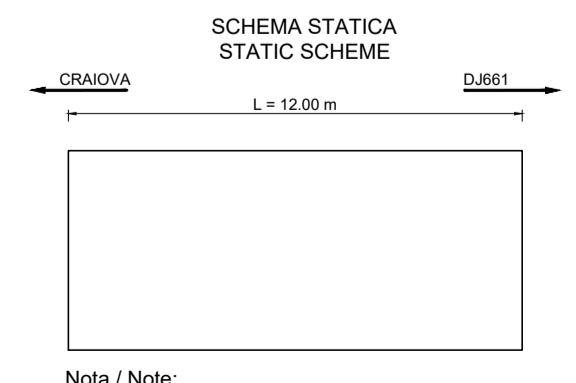


- Note:
- Reprezentarea profilului de Autostrada / Drum Express / Drum este informativa. Profilele transversale tip se regasesc in volumul de Lucrari de Drum.
 - Eventuale imbunatatiri ale terenului de fundare se vor executa conform recomandarilor Studiului Geotehnic.
 - Representation of the profile for Motorway / Express Road / road is informative. Typical cross-sections are found in the Roadworks volume.
 - Possible improvements of the foundation ground will be executed according to recommendations of the Geotechnical Study.



CENTRALIZATOR CLASE DE BETON
CONCRETE CLASS SUMMARY

Element / Element	Clasa de beton / Concrete class	Clasa de expunere / Exposure classes
Beton de egalizare / Leveling concrete	C12/15	X0
Piloti forati / Drilled piles	C30/37	XC4
Radiere / Foundations	C35/45	XC4
Elevati / Elevations	C35/45	XC4 XD3 XF4
Placa de suprabetonare / Overconcreting slab	C35/45	XC1 XD3
Antrebrzoze / Cross beams	C35/45	XC1 XD3
Pereu / Riprap	C30/37	XC4 XF2
Fundatii pereu / Riprap foundations	C30/37	XC4
Aripi / Wing Walls	C35/45	XC4 XD3 XF4
Grinzi prefabricate / Prefabricated beams	C50/60	XC3 XF1 XF3
Predale / Prelabs	C35/45	XC3 XF1 XF3



Durata de viata: 120 ani
Convoaie de calcul
LM1 - conf. SR EN 1991-2:2005
LM2 - conf. SR EN 1991-2:2005
Categorija de importanta: "B"
Grad de seismicitate: "7", acc. SR 11100/1-93
a₀=0.20g, T_c=0.7s acc. P100-1:2013
Exigente de verificare faza PT: A4, B2, D Af

Lifespan: 120 years
Loading convoys
LM1 - acc. SR EN 1991-2:2005
LM2 - acc. SR EN 1991-2:2005
Importance category: "B"
Seismic area characteristics:
"7", acc. SR 11100/1-93
a₀=0.20g, T_c=0.7s acc. P100-1:2013
Quality requirements for TP phase: A4, B2, D Af

BENEFICIAR / CLIENT: COMPANIA NATIONALA DE ADMINISTRARE A INFRASTRUCTURII
NATIONAL ADMINISTRATION COMPANY OF ROAD INFRASTRUCTURE

PROIECTANT / ASSOCIATED ENGINEER/ASSOCIATION: EGIS ROMANIA SA / SEARCH CORPORATION SRL

ELABORARE STUDIULUI DE FEZABILITATE SI PROIECT TEHNIC PENTRU AUTOSTRADA CRAIOVA-FILASI SI DRUM EXPRESS
PREPARATION OF FEASIBILITY STUDY AND TECHNICAL DESIGN FOR CRAIOVA-FILASI MOTORWAY AND FILASI-TARGU JIU EXPRESS ROAD

LUCRARI DE PODURI, VIADUCTE SI PASAJE
BRIDGES, VIADUCTS AND PASSAGES WORKS

DISPOZITIE GENERALA
GENERAL LAYOUT
Pasaj pe Bretea 4 Nod Tantarani
km 0+254 peste drum acces CIC / Passage on Link 4 Tantarani Interchange pk 0+254
over access road for Maintenance and Coordination Center

COORDONATOR ADJUNCT DE PROIECT / PROJECT COORDINATOR DEPUTY: R. THADANI

INGINER PROIECTANT DE PODURI / BRIDGE DESIGN ENGINEER: G. PERRICOLI

INGINER PROIECTANT DE PODURI / BRIDGE DESIGN ENGINEER: G. BARONCEA

INGINER PROIECTANT DE PODURI / BRIDGE DESIGN ENGINEER: M. ANDREI

VERIFICAT INTERN / INTERNAL CHECKER: A. PRODAN

Contract no.: 92/2579
Date: 10/2023
Cod desen: 2279-C19-42433-00-SR-E-03000
Drawing number: