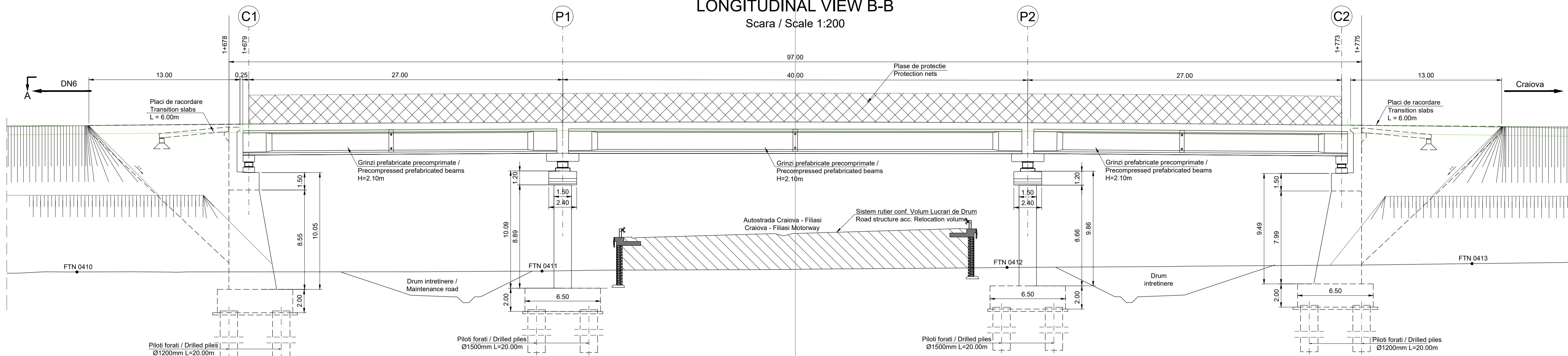
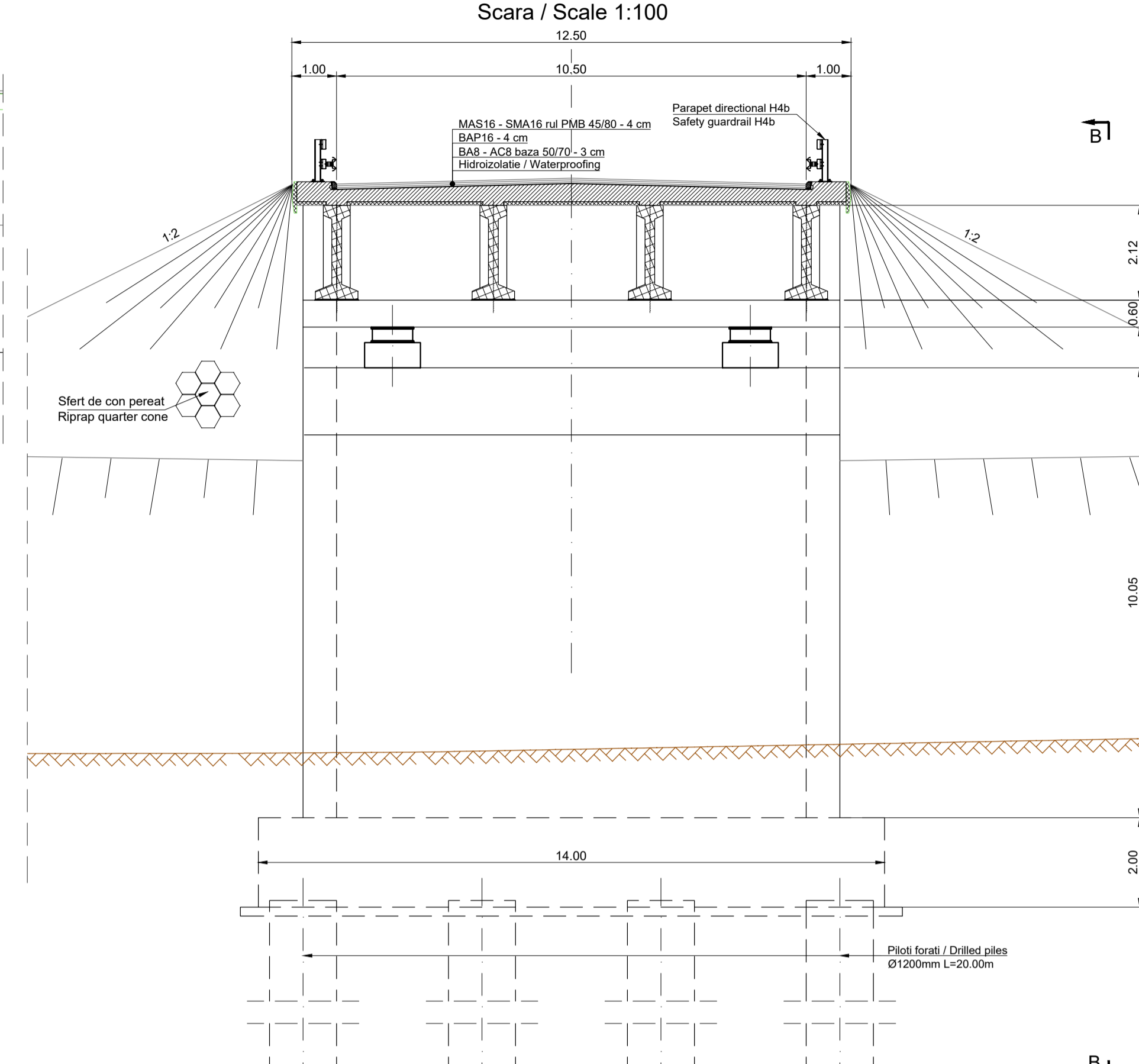


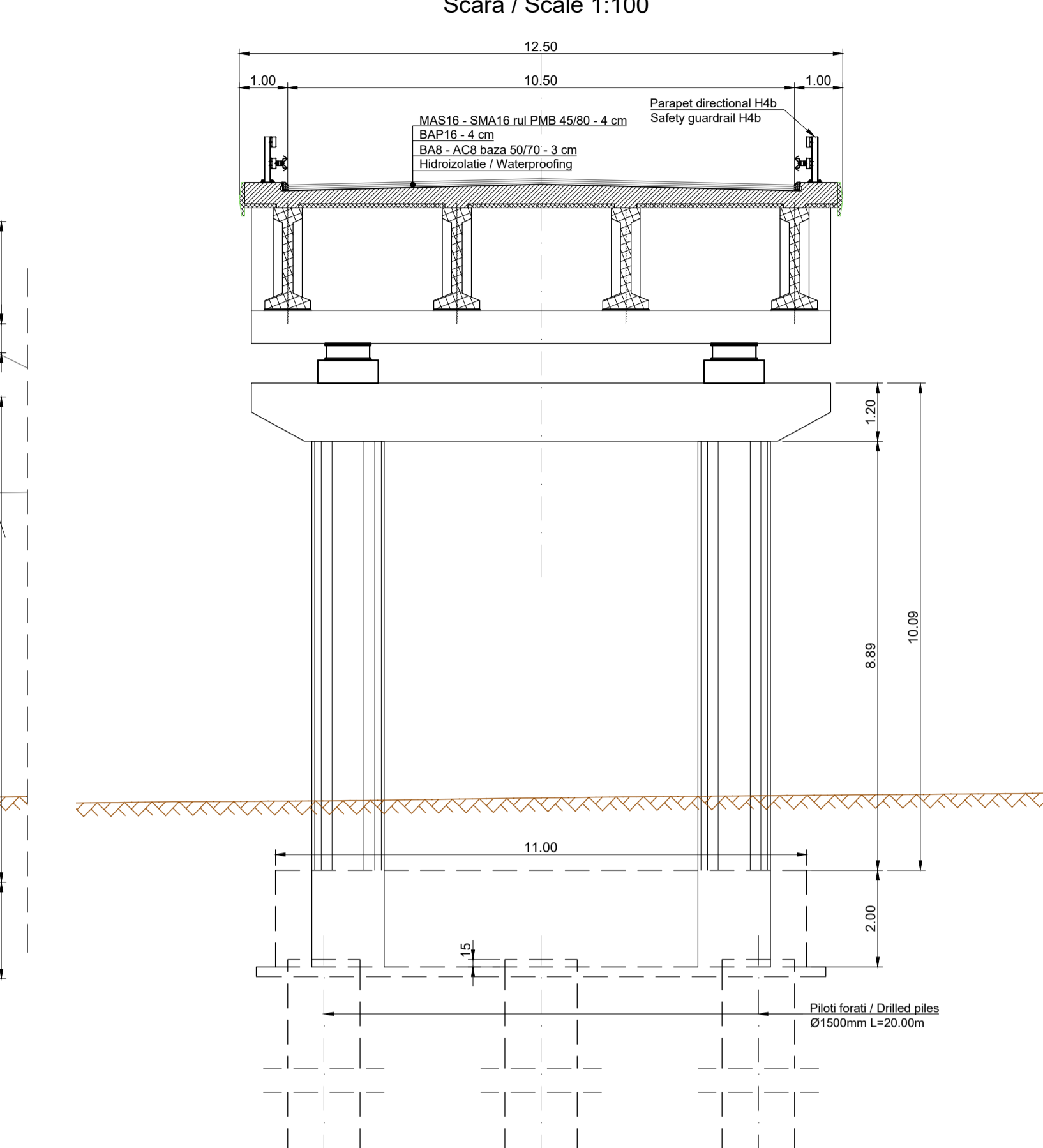
VEDERE LONGITUDINALA B-B  
LONGITUDINAL VIEW B-B  
Scara / Scale 1:200



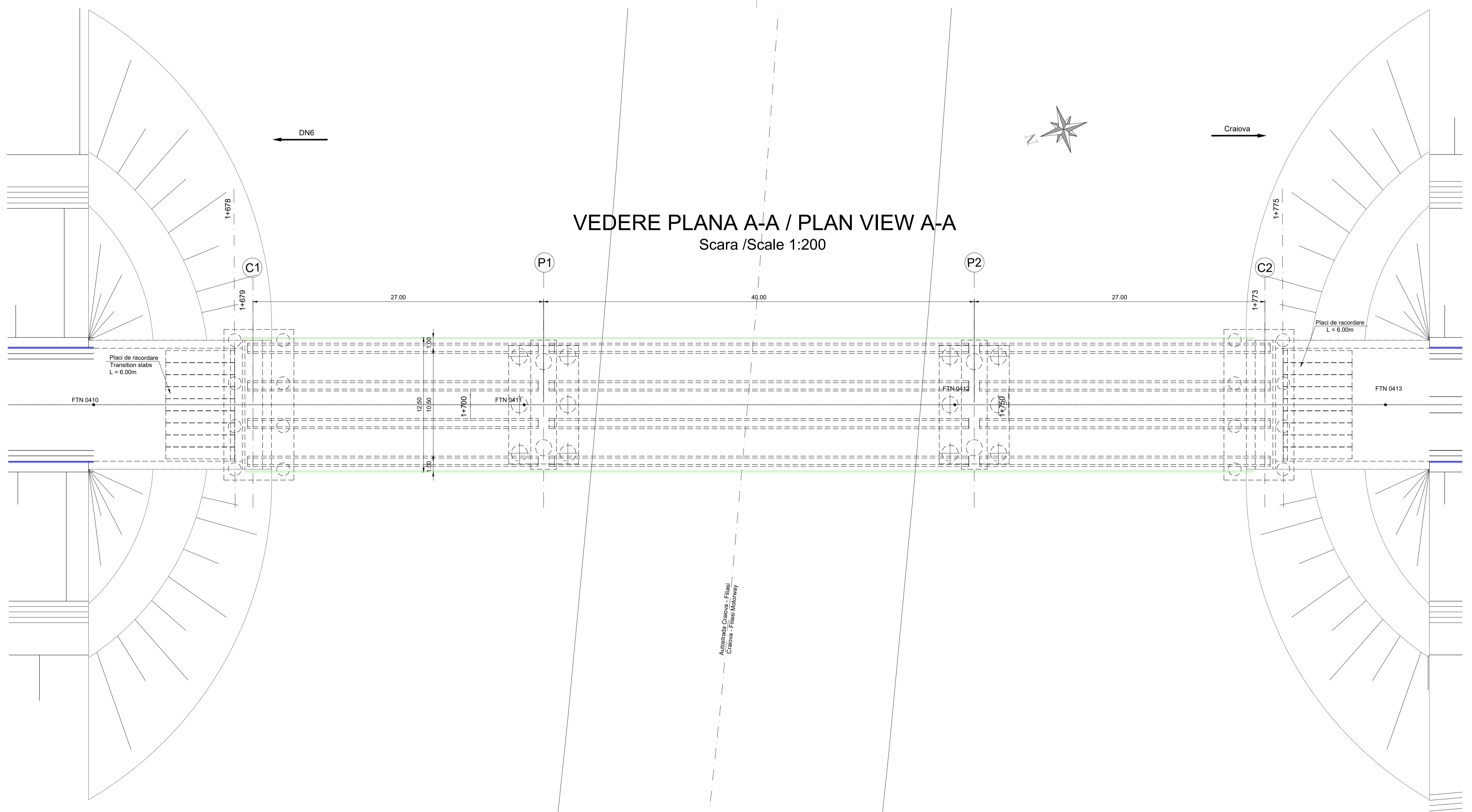
SECTIUNE TRANSVERSALA CULEE C1  
CROSS SECTION ABUTMENT C1  
Scara / Scale 1:100



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



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



Element / Element	Clasa de beton / Concrete class	Clase de expunere / Exposure classes
Beton de egalizare / Levelling concrete	C12/15	X0
Piloti forati / Drilled piles	C30/37	XC4
Radieri / Foundations	C35/45	XC4
Elevati / Elevations	C35/45	XC4 XC3 XF4
Placa de suprapuntonare / Overconcreting slab	C35/45	XC1 XD3
Antebrazi / Cross beams	C35/45	XC1 XD3
Pereti / Riprap	C30/37	XC4 XF2
Fundatii pereti / Riprap foundations	C30/37	XC4
Armi / Wing Walls	C35/45	XC4 XD3 XF4
Grinzi prefabricate / Prefabricated beams	C50/60	XC3 XF1 XF3
Predale / Prestabs	C35/45	XC3 XF1 XF3

Element / Element	Clasa de beton / Concrete class	Clase de expunere / Exposure classes
Beton de egalizare / Levelling concrete	C12/15	X0
Piloti forati / Drilled piles	C30/37	XC4
Radieri / Foundations	C35/45	XC4
Elevati / Elevations	C35/45	XC4 XC3 XF4
Placa de suprapuntonare / Overconcreting slab	C35/45	XC1 XD3
Antebrazi / Cross beams	C35/45	XC1 XD3
Pereti / Riprap	C30/37	XC4 XF2
Fundatii pereti / Riprap foundations	C30/37	XC4
Armi / 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**  
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<sub>0</sub>=0.20g, T<sub>cl</sub>=1.0s conf. P100-1:2013  
Exigente de verificare faza PT-A4, B2, D, AI

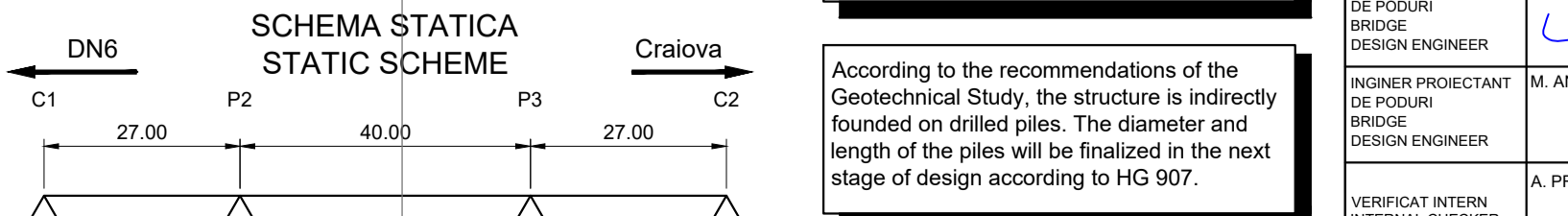
Conform recomandarilor Studiului Geotehnic structura este fundata indirect pe piloti forati. Diametrul si lungimea pilotilor vor fi definitivati in etapa urmatoare de proiectare conform HG 907.

Passajul va fi echipat cu scheme mobile independente pe toate deschiderile si pe toata latimea sectiunii transversale.

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<sub>0</sub>=0.20g, T<sub>cl</sub>=1.0s acc. P100-1:2013  
Quality requirements for TP phase: A4, B2, D, AI

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.

The passage will be equipped with independent mobile scaffolding on all spans and across the entire width of the cross section.



NOTA / NOTE:  
Structura pe grinzi continue  
Continuous girder structure

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.

REZUMATUL PROIECTULUI / PROJECT SUMMARY  
PROIECTANT: ASOCIATA DE INGINERI SI ARHITECTI  
CONSULTANT: EGIS CORPORATION SA  
SEARCH CORPORATION SRL

ELABORARE STUDIUL DE FUNDATIE SI PROIECTARE DETALIATA A PLOTILOR FORATI  
PROIECTANT: ASOCIATA DE INGINERI SI ARHITECTI  
CONSULTANT: EGIS CORPORATION SA  
SEARCH CORPORATION SRL

LUCRUL DE PROIECTARE SI PASAJE BRIDGE, VIADUCTS AND PASSAGES WORKS

DISPOZITIE GENERALA GENERAL LAYOUT  
Passaj pe Bretea 4 Nord Betonica km 2+144 peste Autostrada / Passage on Link 4 Betonica Interchange pk 2+144 over Motorway

COORDONATOR ADJUNCT DE PROIECT / PROJECT COORDINATOR DEPUTY: M. THADANI  
INGINER PROIECTANT DE PROIECT / DESIGN ENGINEER: G. PERICOLDI  
INGINER PROIECTANT DE PROIECT / DESIGN ENGINEER: G. BARONCEA  
INGINER PROIECTANT DE PROIECT / DESIGN ENGINEER: M. ANDREI  
VERIFICANT INTERN / INTERNAL CHECKER: A. PRODAN

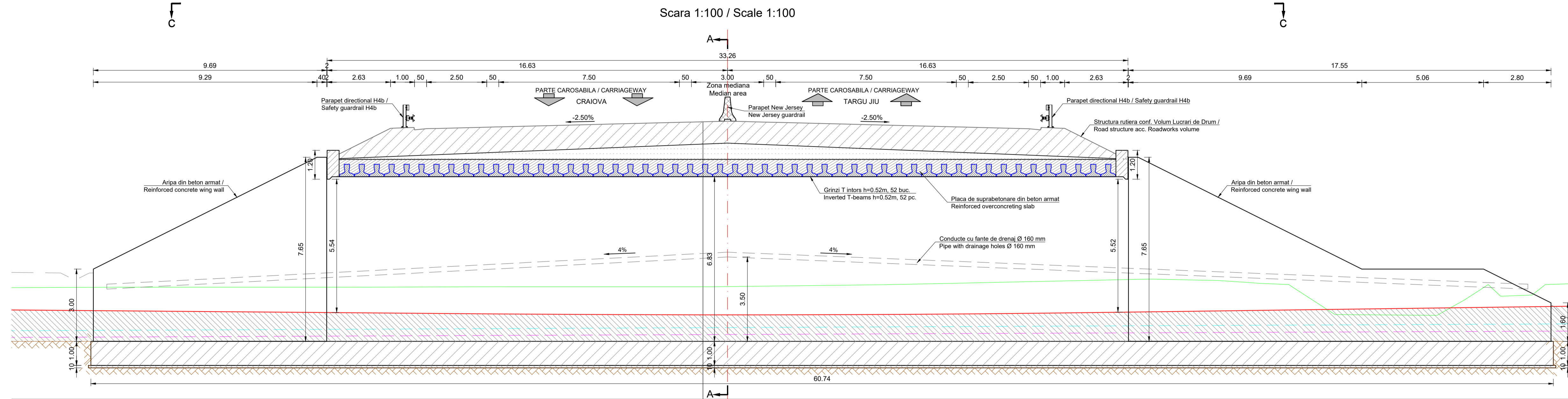
Contract nr. 9022579 / Contract no. 9022579  
Data: 10/2023 / Date: 10/2023  
Scara: 1:200 / 1:100 / Scale: 1:200 / 1:100  
Cod desen: 2279-C1-F-SLA-3-S-00-01-RO0 / Drawing number: 2279-C1-F-SLA-3-S-00-01-RO0



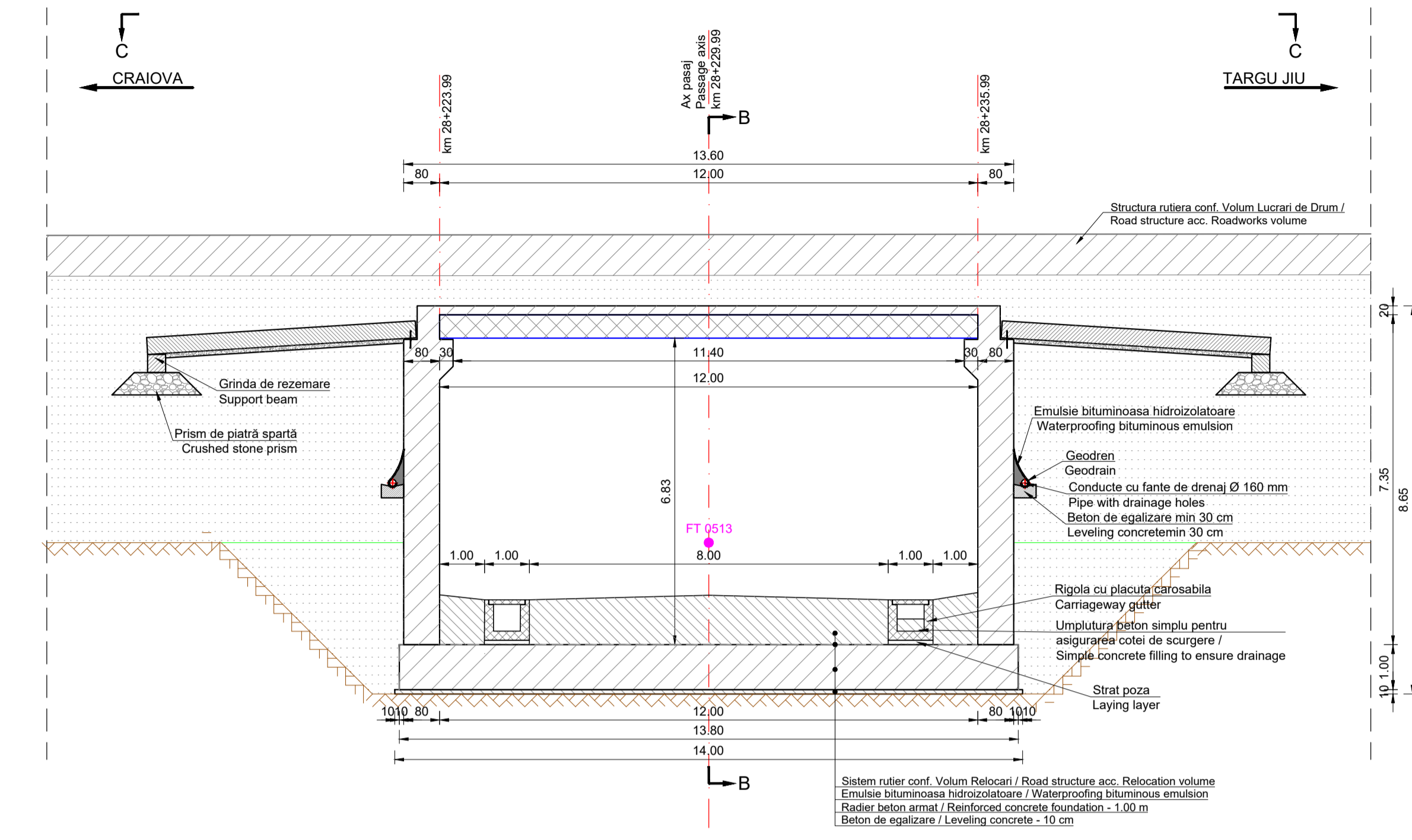




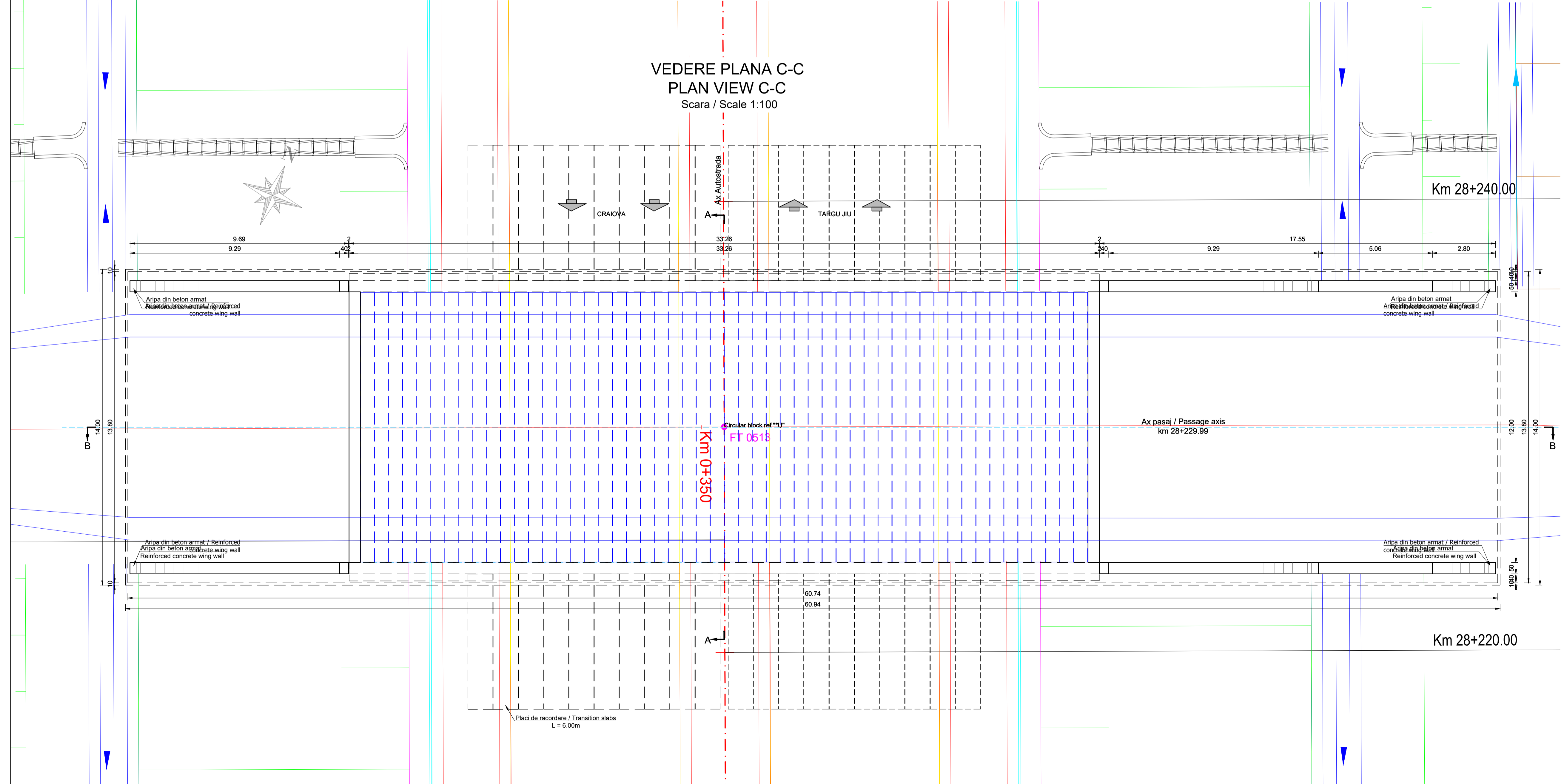
ELEVATIE B-B  
ELEVATION B-B  
Scara 1:100 / Scale 1:100



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

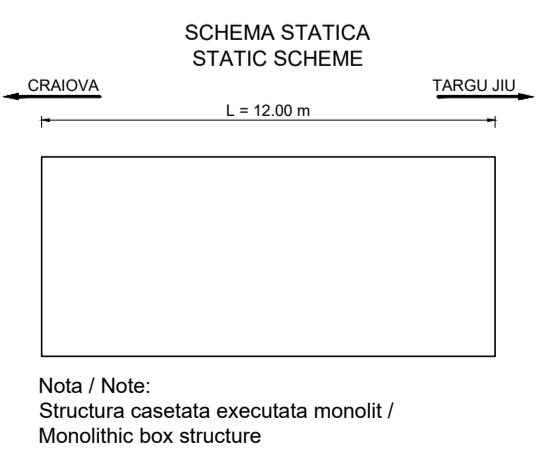


VEDERE PLANA C-C  
PLAN VIEW C-C  
Scara / Scale 1:100



CENTRALIZATOR CLASE DE BETON  
CONCRETE CLASS SUMMARY

Element / Element	Clasa de beton / Concrete class	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 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
Grinzi prefabricate / Prefabricated beams	C50/60	XC3 XF1 F3
Predale / Prestabs	C35/45	XC3 XF1 F3



Durata de viata: 120 ani  
Convale de calcul  
LM1 - conf. SR EN 1991-2:2005  
LM2 - acc. SR EN 1991-2:2005  
Categorie de importanta: "B"  
Grad de seismicitate: "7",  
acc. SR 11000/1-93  
a<sub>s</sub>=0.20g, T<sub>c</sub>=1.0s conf. P100-1:2013  
Exigente de verificare faza PT: A4, B2, D  
Af

Lifespan: 120 years  
Loading convays  
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<sub>s</sub>=0.20g, T<sub>c</sub>=1.0s acc. P100-1:2013  
Quality requirements for TP phase: A4, B2, D  
Af

Note:

- Reprezentarea profilului de Autostada / 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.

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

PROIECTANT ASOCIATA / DESIGNER ASSOCIATION  
EGIS  
SEARCH CORPORATION

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

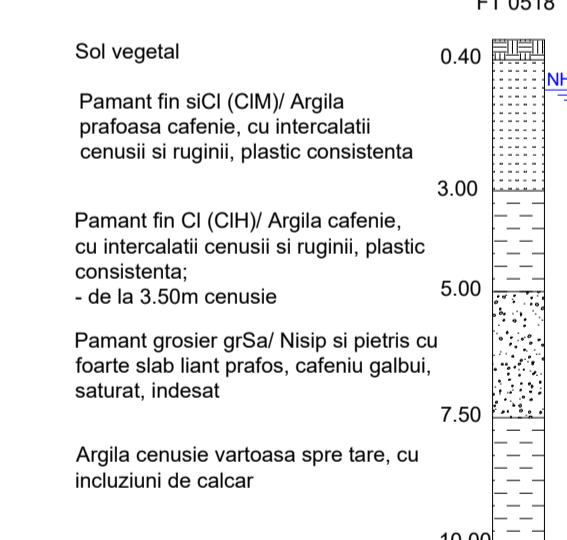
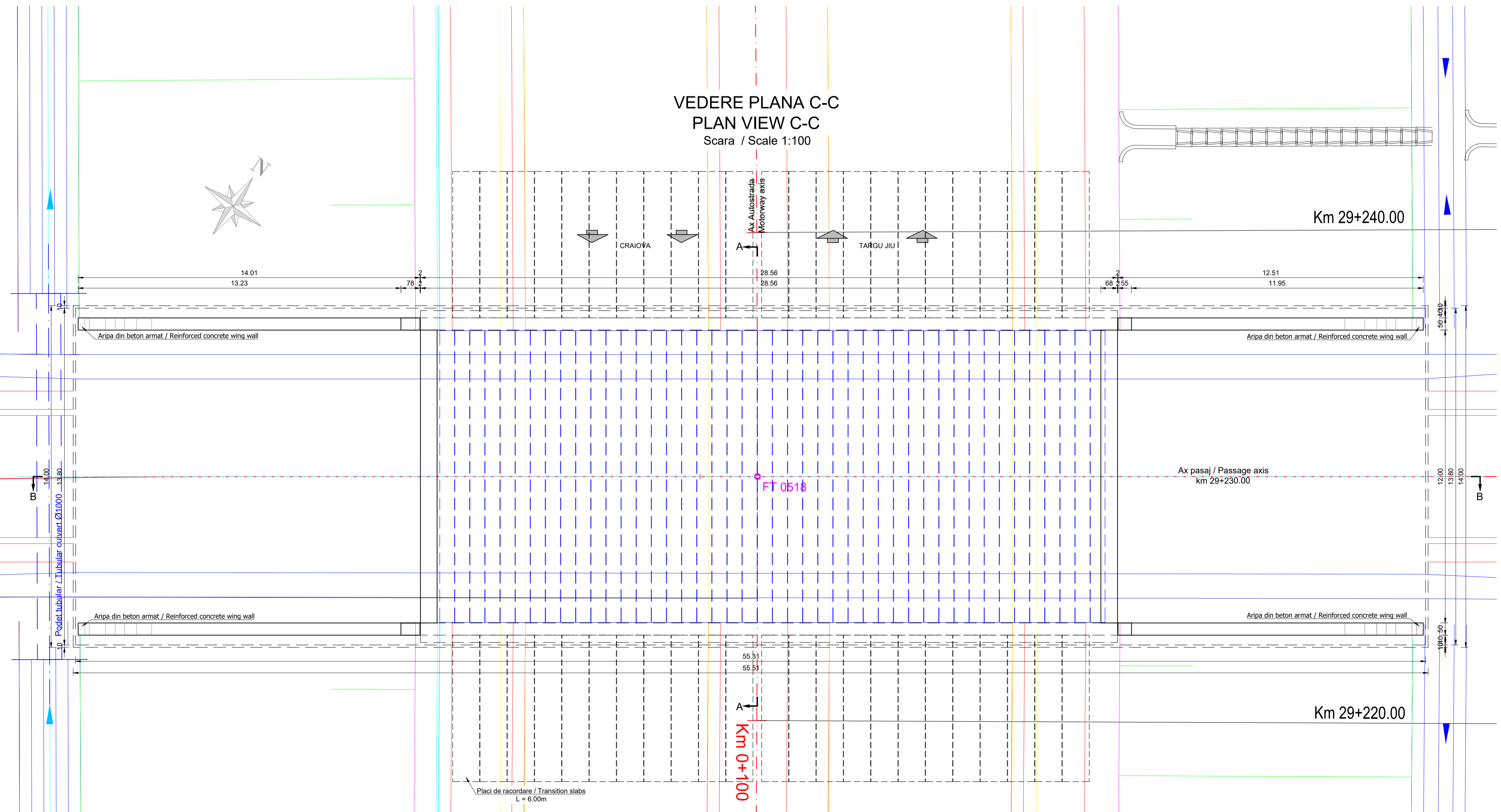
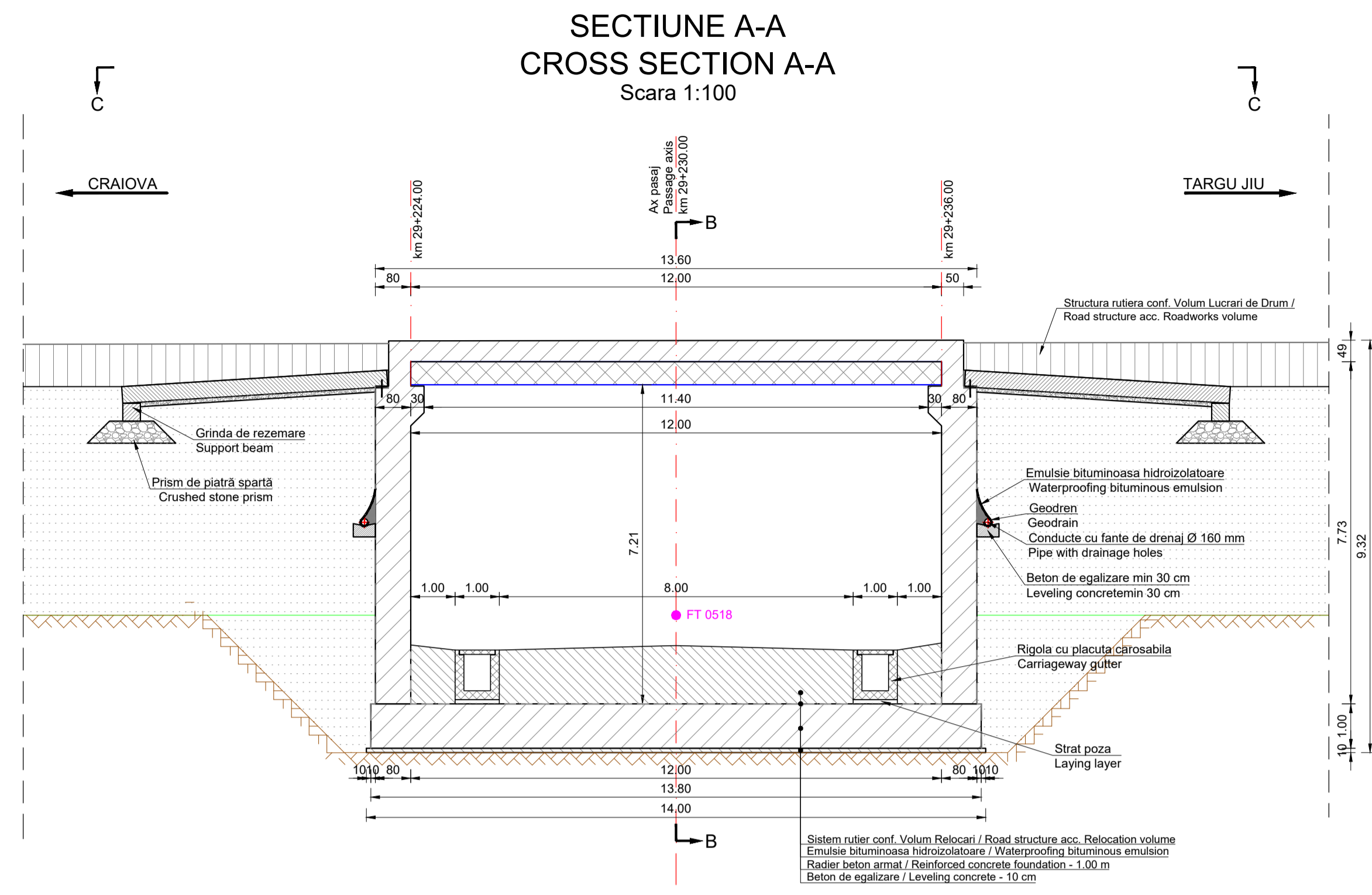
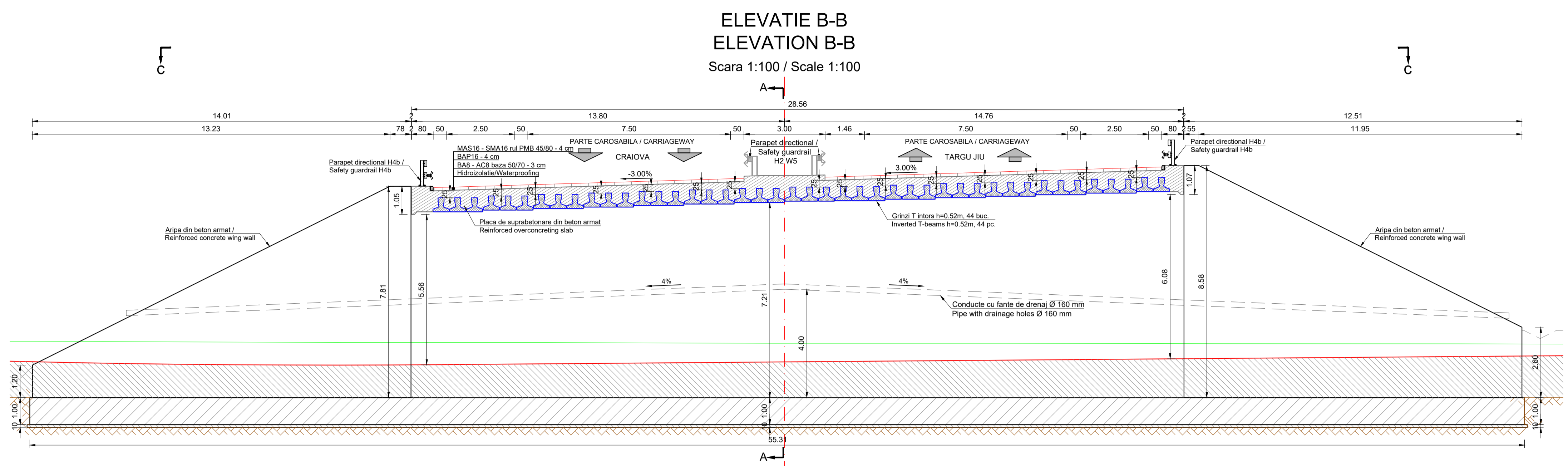
LUCRARI DE PODURI, PASAJE SI PASAJE BRIDGES, WADUCTS AND PASSAGES WORKS

DISPOZITIE GENERALA  
GENERAL LAYOUT  
Pasa pe Autostada  
km 28+224 peste Drum local 12 /  
Passage on Motorway  
pk 28+224 over Local road 12

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

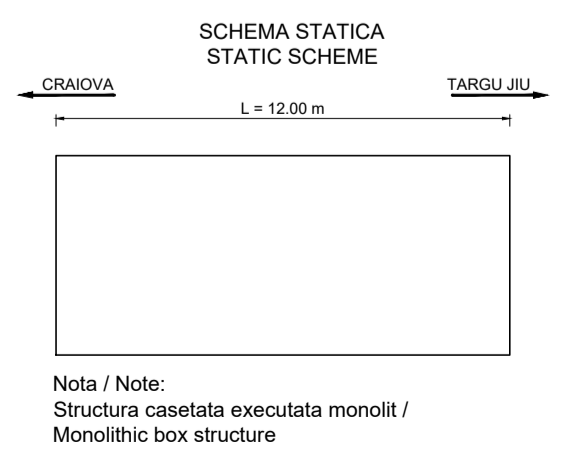
Contract nr. 92/22579  
Contract no. 92/22579  
Date: 10/2023  
Date: 10/2023  
Cod desen: 2023-GT-18-3A-3-008\_03400  
Drawing number: 2023-GT-18-3A-3-008\_03400





#### 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
Radiera / 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  
Convloaie de calcul  
LM1 - conf. SR EN 1991-2:2005  
LM2 - conf. SR EN 1991-2:2005  
Categoris de importanta: "B"  
Grad de seismicitate:  
7, conf. SR 11100/1-93  
a<sub>s</sub>=0.20g, T<sub>c</sub>=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 11100/1-93  
a<sub>s</sub>=0.20g, T<sub>c</sub>=1.0s acc. P100-1.2013  
Quality requirements for TP phase: Af A4, B2, D Af

Note:

- Reprezentarea profilului de Autostrada / Drum Expres / 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  
NATIONAL ADMINISTRATION COMPANY OF ROAD INFRASTRUCTURE

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 Autostrada  
km 29+224 peste Drum local 13 /  
Passage on Motorway  
pk 29+224 over Local road 13

COORDONATOR  
R. THADANI

PROIECTANT  
G. PERICOLU

INGINER PROIECTANT  
G. BARONCEA

INGINER PROIECTANT  
M. ANDREI

INGINER PROIECTANT  
A. PRODAN

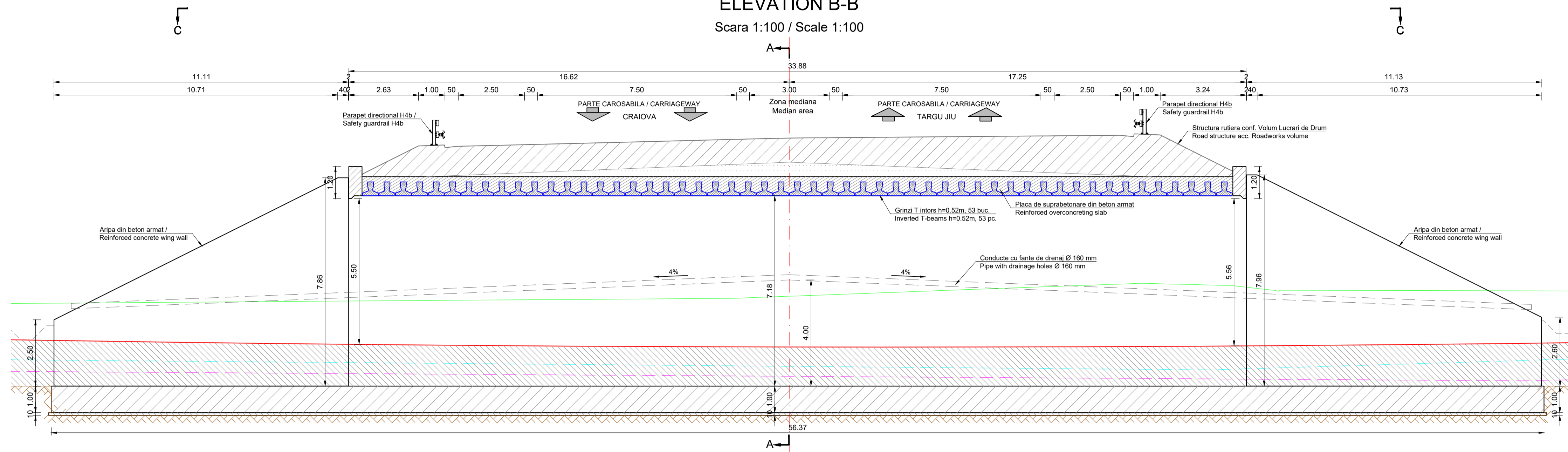
VERIFICAT INTERN  
A. PRODAN

Contract nr. g2/22579  
Contract no. 102023  
Date: 10/2023  
Date: 10/2023  
Scale: 1:100  
Scale: 1:100  
Cod desen: 201707-2P-3-A-3.3-02-2\_04/03  
Drawing number:



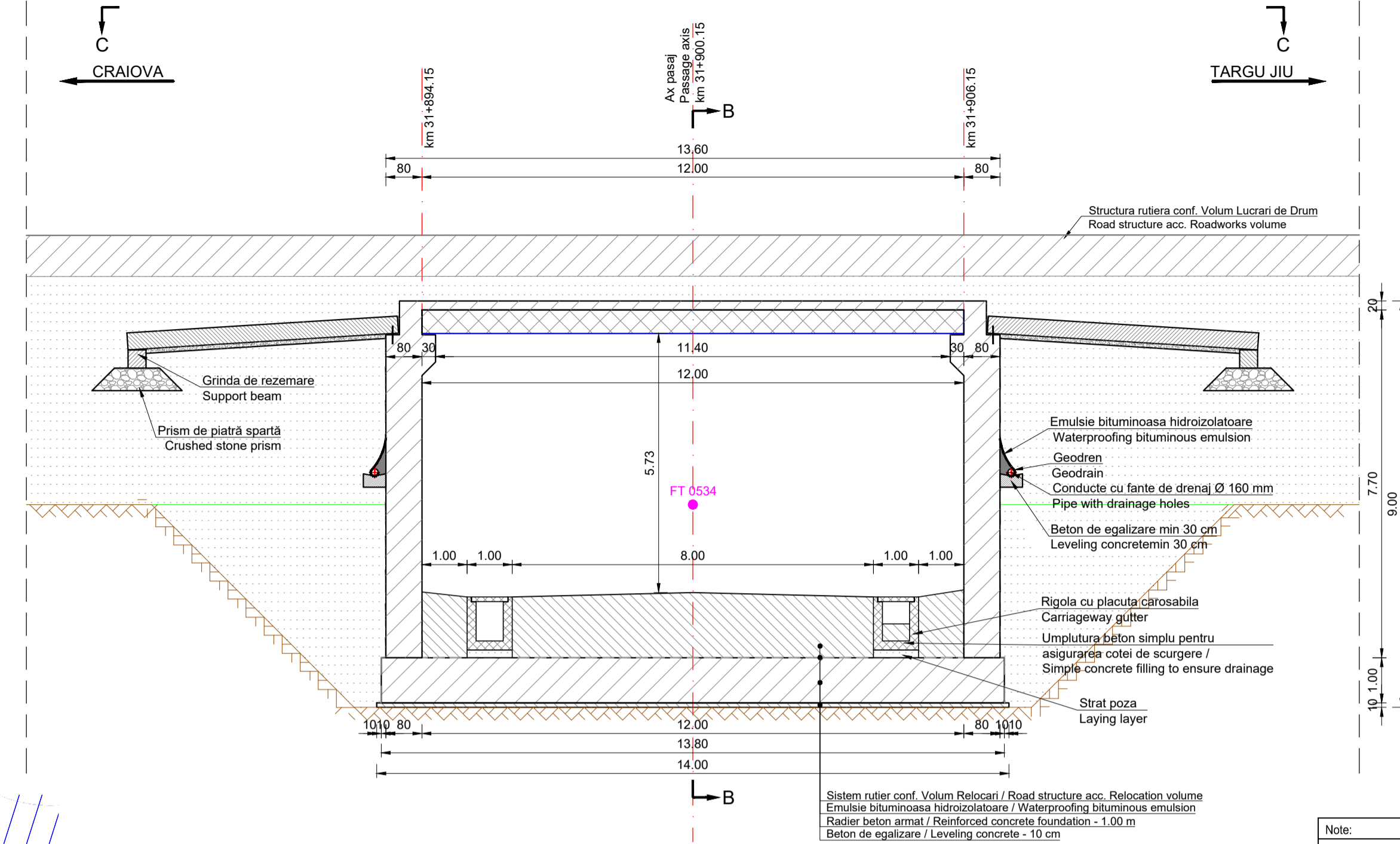
ELEVATIE B-B  
ELEVATION B-B

Scara 1:100 / Scale 1:100



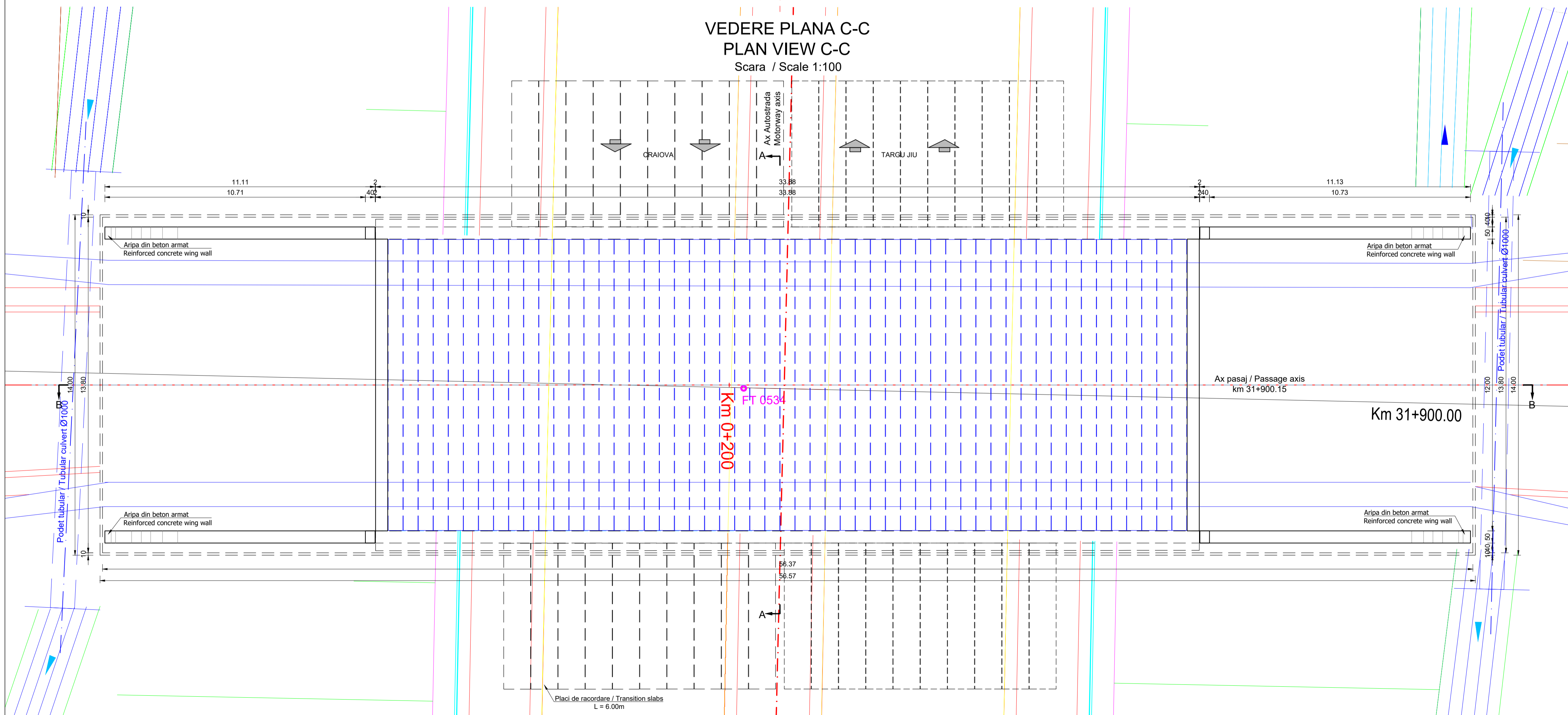
SECTIUNE A-A  
CROSS SECTION A-A

Scara 1:100

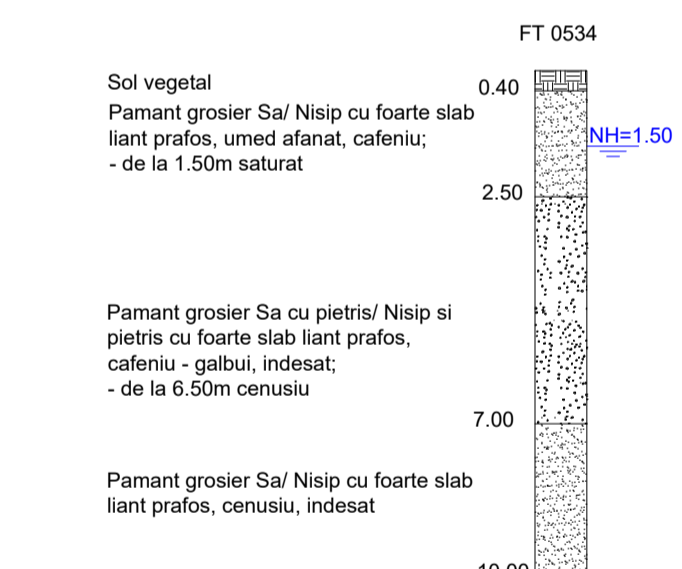


VEDERE PLANA C-C  
PLAN VIEW C-C

Scara / Scale 1:100



Sistem rulera conf. Volum Relocari / Road structure acc. Relocation volume  
Emulsie bituminoasa hidroizolatoare / 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
Piloți forți / Drilled piles	C30/37	XC4
Radieri / Foundations	C35/45	XC4
Elevații / 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
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 / Prelabs	C35/45	XC3 XF1 XF3

SCHEMA STATICA  
STATIC SCHEME



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

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<sub>s</sub>=0.20g, T<sub>c</sub>=0.7s conf. P100-1:2013  
Exigente de verificare faza PT: A4, B2, D  
AI

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<sub>s</sub>=0.20g, T<sub>c</sub>=0.7s acc. P100-1:2013  
Quality requirements for TP phase: A4, B2, D  
AI

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: SEARCH CORPORATION

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

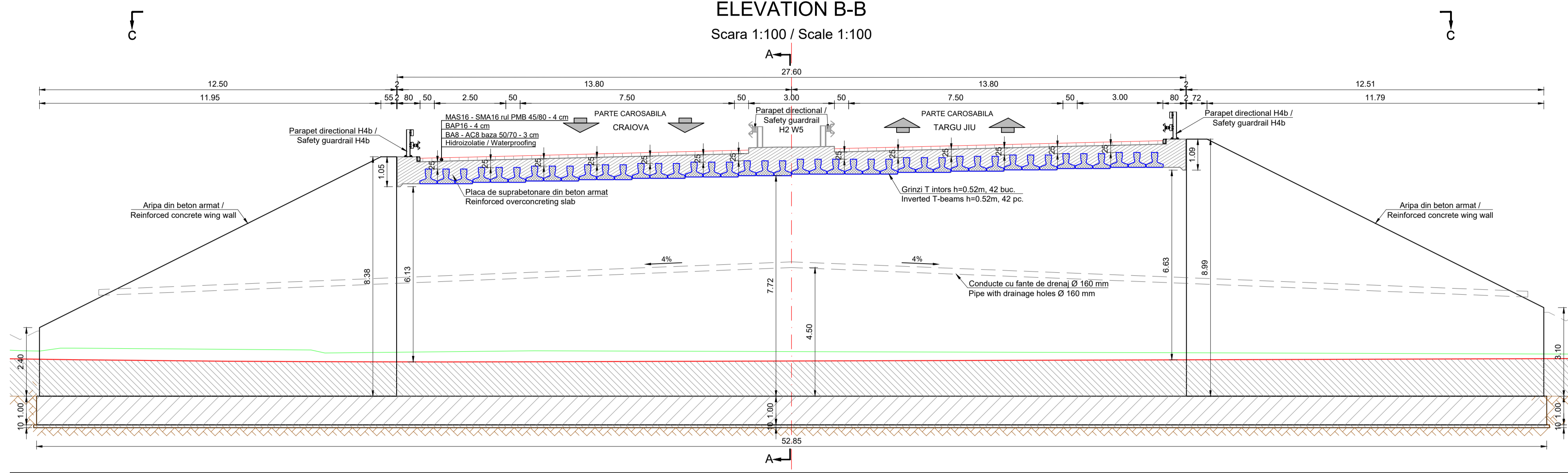
DISPOZITIE GENERALA GENERAL LAYOUT: Pasaj pe Autostrada km 31+894 peste Drum local 14 / Passage on Motorway pk 31+894 over Local road 14

COORDONATOR ADJUNCT DE PROIECT / PROJECT COORDINATOR DEPUTY	R. THADANI
INGINER PROIECTANT DE PODURI / BRIDGE DESIGN ENGINEER	G. PERICOLU
INGINER PROIECTANT DE PODURI / BRIDGE DESIGN ENGINEER	G. BARONCEA
INGINER PROIECTANT DE PODURI / BRIDGE DESIGN ENGINEER	M. ANDREI
VERIFICAT INTERN / INTERNAL CHECKER	A. PRODAN

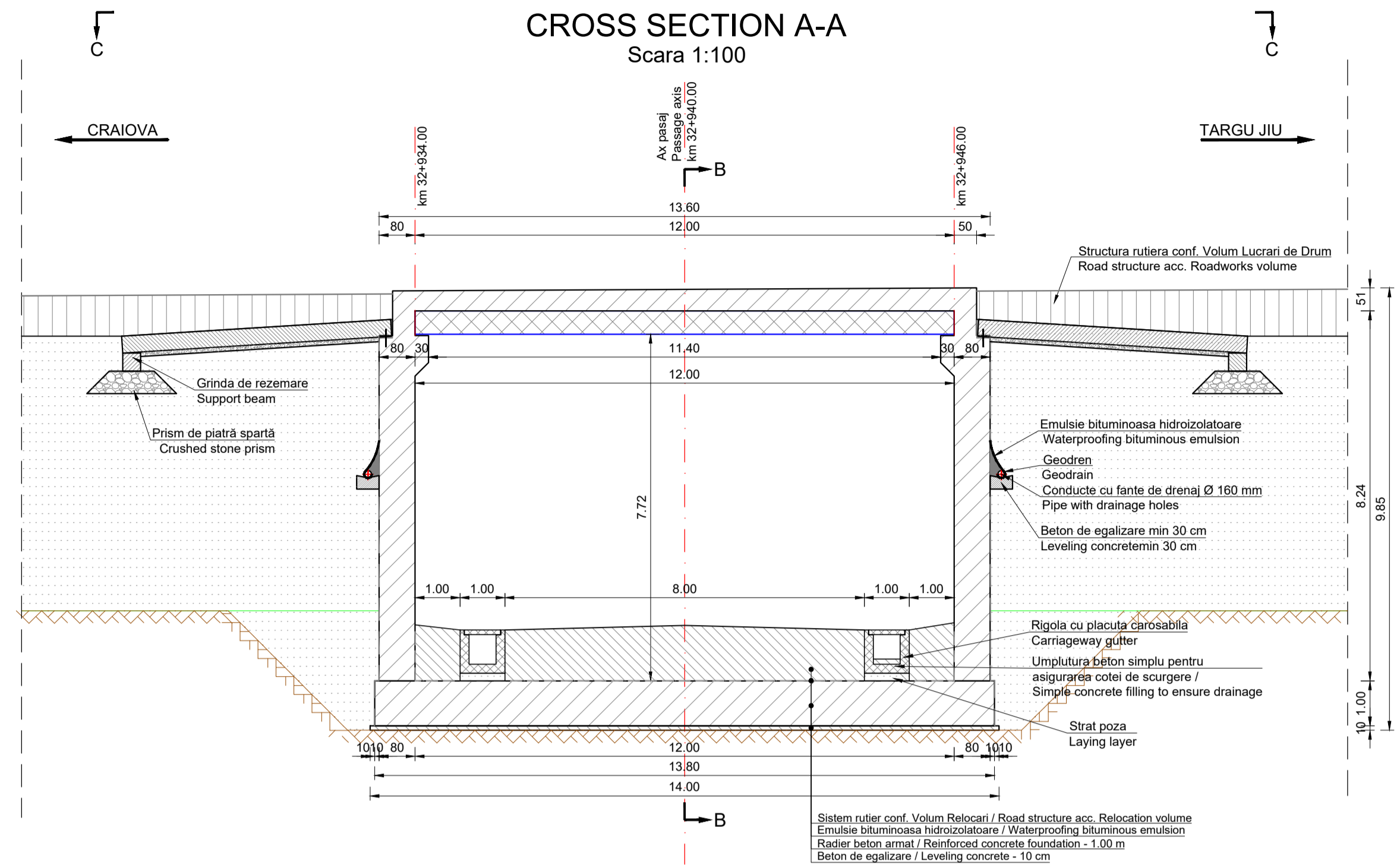
Contract nr. 92/2257 / Revision no. 0  
Data: 10/2023 / Scara: 1:100  
Date: / Scale: 1:100  
Cod desen: 2275-C1-SP-3A-3.00-C-05-000 / Drawing number:



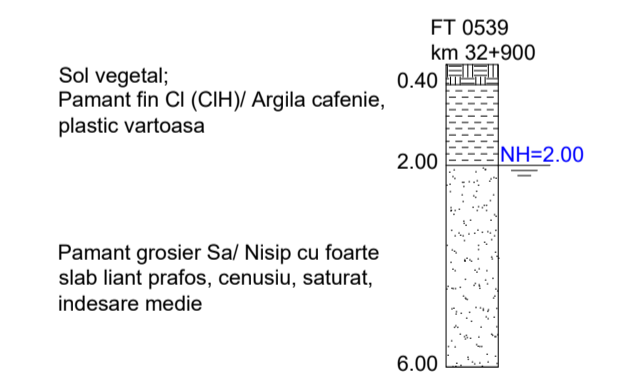
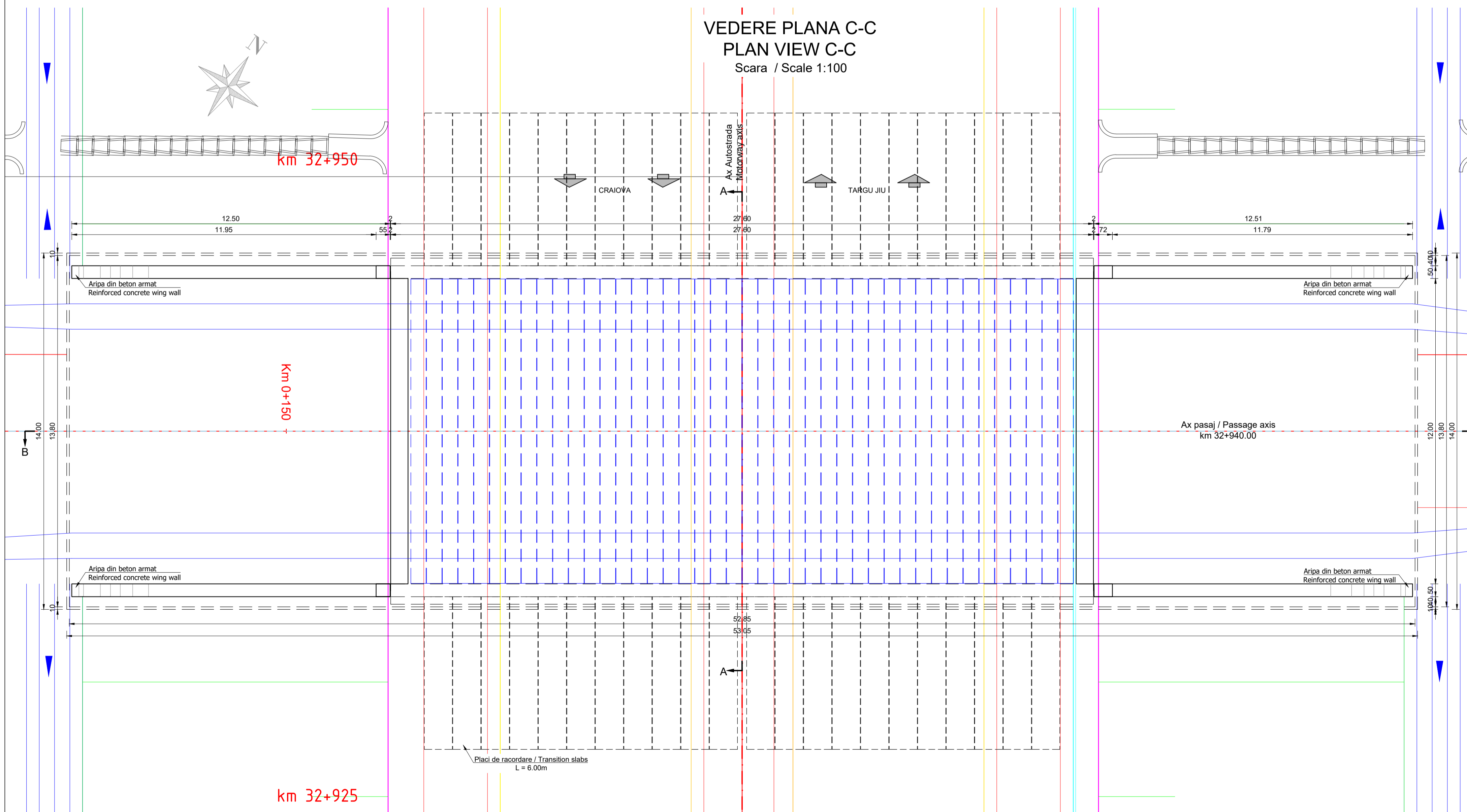
ELEVATIE B-B  
ELEVATION B-B  
Scara 1:100 / Scale 1:100



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

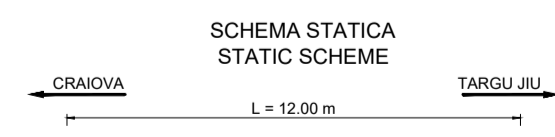


VEDERE PLANA C-C  
PLAN VIEW C-C  
Scara / Scale 1:100



**CENTRALIZATOR CLASE DE BETON  
CONCRETE CLASS SUMMARY**

Element / Element	Clasa de beton / Concrete class	Clasa 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



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

Durata de viata: 120 ani  
Convocat 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 111001-1:03  
a<sub>0</sub>=0.20g, T<sub>c</sub>=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<sub>0</sub>=0.20g, T<sub>c</sub>=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 STUDIU DE FEZABILITATE SI PROIECT TEHNIC PENTRU AUTOSTRADA CRAIOVA-ILIASI SI DRUM EXPRESS FILIAS-TARGU JIU**  
PREPARATION OF FEASIBILITY STUDY AND TECHNICAL DESIGN FOR CRAIOVA-ILIASI MOTORWAY AND FILIAS-TARGU JIU EXPRESS ROAD

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

**DISPOZITIE GENERALA**  
GENERAL LAYOUT  
Pasaj pe Autostrada km 32+934 peste Drum local 45 / Passage on Motorway pk 32+934 over Local road 45

**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

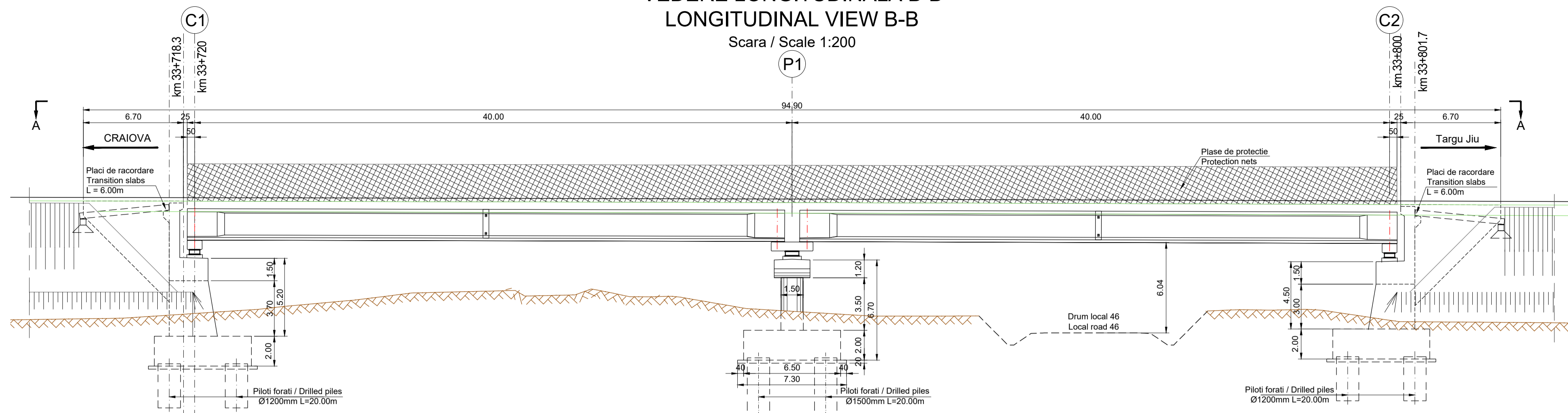
**VERIFICATOR INTERN**  
INTERNAL CHECKER  
A. PRODAN

Contract nr. 92/22579  
Contract no.  
Data: 10/2023  
Date:  
Scara: 1:100  
Scale:  
Coef. desen: 22579-C13-9F-01.3.3.DG-S\_06/000  
Drawing number:



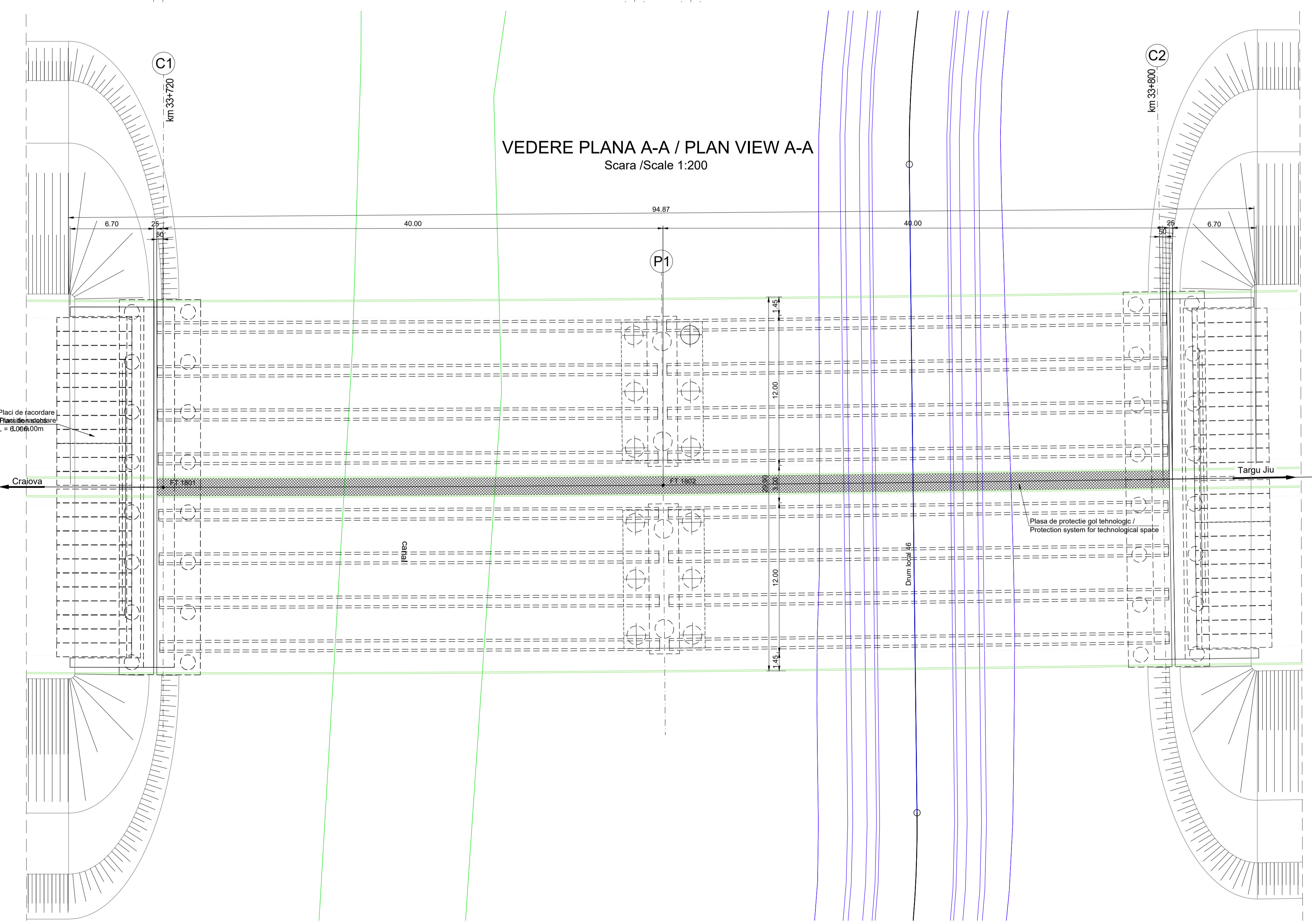
VEDERE LONGITUDINALA D-D  
LONGITUDINAL VIEW B-B

Scara / Scale 1:200



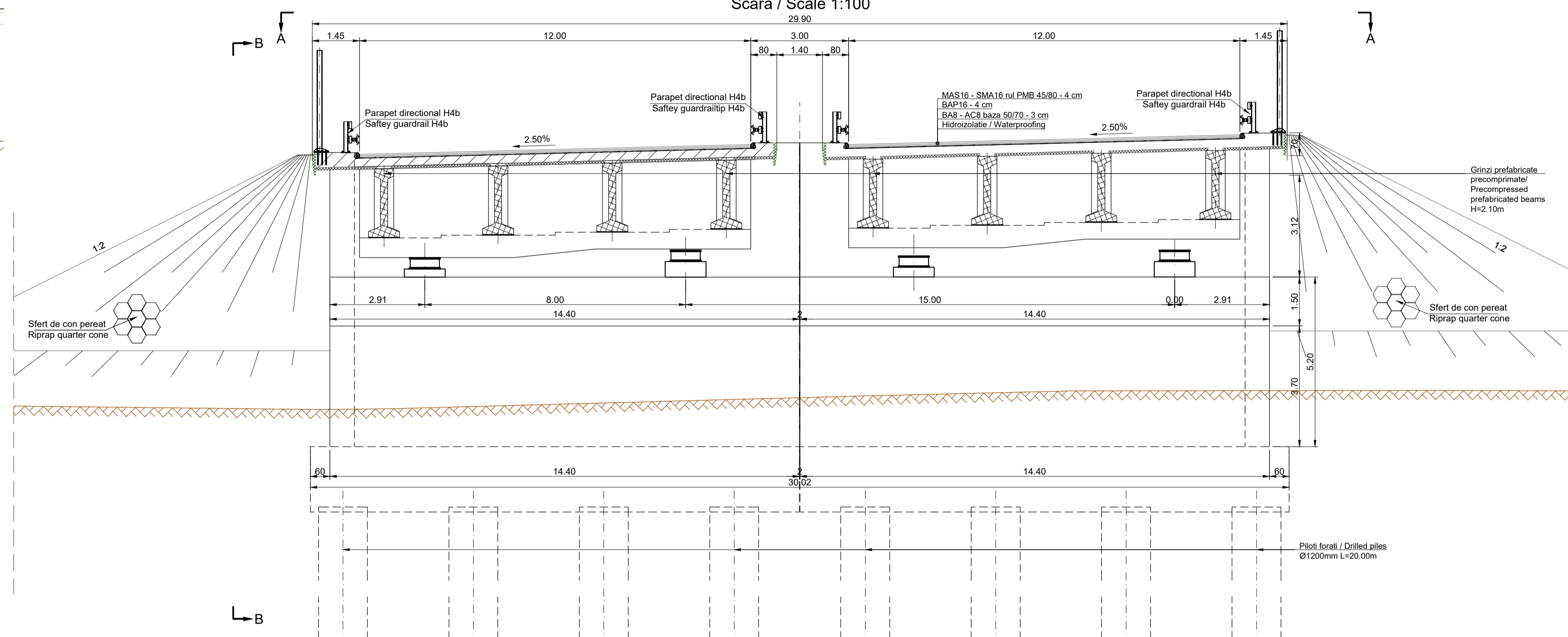
VEDERE PLANA A-A / PLAN VIEW A-A

Scara / Scale 1:200

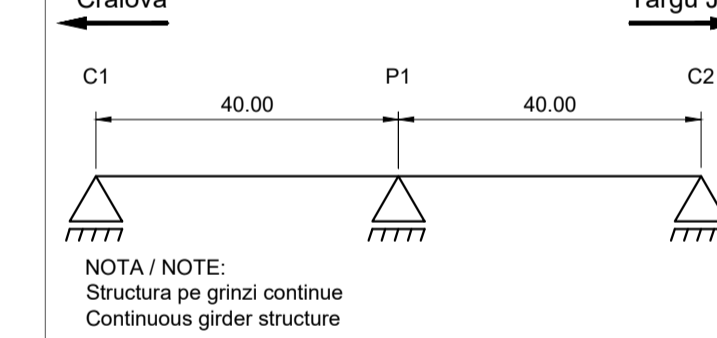


SECTIUNE TRANSVERSALA CULEE C1  
CROSS SECTION ABUTMENT C1

Scara / Scale 1:100



SCHEMA STATICA  
STATIC SCHEME



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
Antrebrase / Cross beams	C35/45	XC1 XD3
Parapet / Riprap	C30/37	XC4 XF2
Fundatii pieri / Riprap foundations	C30/37	XC4
Arpi / Wing Walls	C35/45	XC4 XD3 XF4
Grinz prefabricate / Prefabricated beams	C50/60	XC3 XF1 XF3
Prezale / Preslabs	C35/45	XC3 XF1 XF3

FT 1801	FT 1802
Sol vegetat: 0.40	Sol vegetat: 0.40
Pamant fin cSa cu rar pietris/ Nisip prafos cu rar pietris, caleni, granulizate neuniform, afanat: 1.50	Sol argilos, cafeniu, umed, afanat: 1.50
- de la 0.50 m saturat; 3.50	Pamant fin CI (CH) Argila grasa, cafeniu, plastic vartoasa cu plasticitate foarte mare: 3.00
- de la 3.00 m cu indesare medie; 4.60	Pamant grosier Sa/ Nisip cu foarte slab liant prafos, cafeniu, granulizate foarte uniforme, saturat, afanat: 6.50
Pamant fin CI (CH) Argila grasa, cafeniu, plastic vartoasa cu plasticitate foarte mare; 6.00	Pamant grosier Sa cu pietris/ Nisip si pietris cu foarte slab liant prafos, cenuziu, granulizate uniforme, saturat, cu indesare medie: 9.00
Nisip cu slab liant argilos, cenuziu, saturat, cu indesare medie: 8.8	Pamant fin siCI (CIM) Argila, cenusie, cu lentile de nisip fin, plastic vartoasa cu plasticitate mare; 15.00
- de la 7.50 m cu rar pietris; 10.60	Pamant fin siCI (CIM) Argila, plastic vartoasa cu plasticitate mare; 23.00
Pamant fin CI (CH) Argila grasa, cenusie, plastic vartoasa cu plasticitate foarte mare; 10.60	Pamant fin CI (CH) Argila grasa, cenusie, cu lentile de nisip fin, cu concretini calcaroase, plastic vartoasa cu plasticitate foarte mare; 25.40
- de la 10.50 m cu lentile de nisip fin; 15.00	Pamant fin siCI (CIM) Praf nisipos argilos, cenuziu, plastic consistent cu plasticitate mijlocie; 28.50
Pamant fin siCI (CIM) Argila, cenusie, cu aspect mamos, cu lentile de nisip fin, plastic vartoasa cu plasticitate mare; 28.50	Pamant fin siCI (CIM) Praf nisipos argilos, cenuziu, plastic consistent cu plasticitate mijlocie; 27.00
- de la 22.50 m cu concretini calcaroase; 28.50	Pamant fin siCI (CIM) Praf nisipos argilos, cenuziu, plastic consistent cu plasticitate mijlocie; 27.00
- de la 24.00 m cu aspect mamos; 30.00	Pamant fin siCI (CIM) Praf nisipos argilos, cenuziu, plastic consistent cu plasticitate mijlocie; 27.00
Pamant fin siCI (CIM) Praf nisipos argilos, cenuziu, plastic consistent cu plasticitate mijlocie; 28.50	Pamant fin siCI (CIM) Praf nisipos argilos, cenuziu, plastic consistent cu plasticitate mijlocie; 27.00
Pamant fin CI (CIM) Argila, cenusie, plastic vartoasa cu plasticitate mare; 30.00	Pamant fin siCI (CIM) Praf nisipos argilos, cenuziu, plastic consistent cu plasticitate mijlocie; 27.00

Durata de viata: 120 ani Convooale 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 a <sub>s</sub> =0.20g, T <sub>c</sub> =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 111001-93 a <sub>s</sub> =0.20g, T <sub>c</sub> =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 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 gasesc 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.

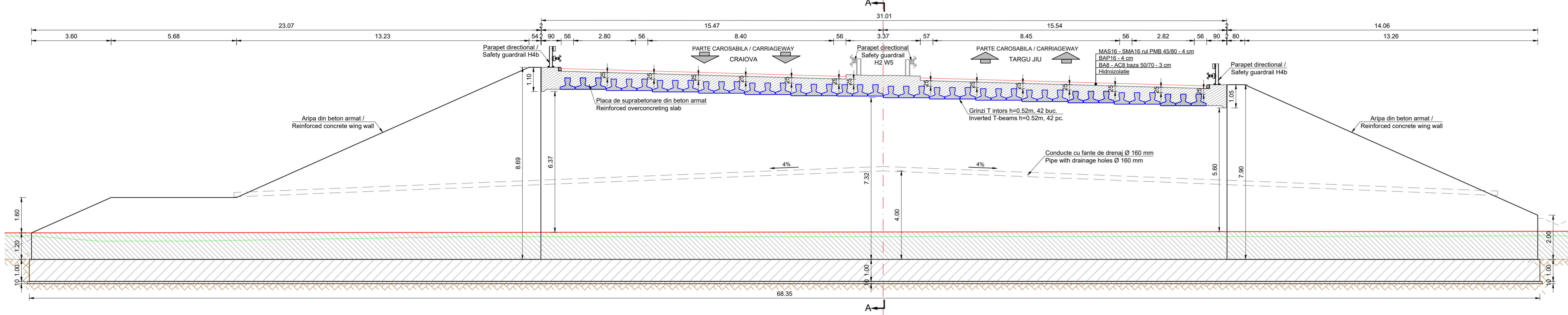
BENEFICIAR / CLIENT: COMPANIA NATIONALA DE ADMINISTRARE A INFRASTRUCTURII ROTIETI  
 NATIONAL ADMINISTRATION COMPANY OF ROAD INFRASTRUCTURE  
 PROIECTANT / DESIGNER ASSOCIATION: egis SEARCH CORPORATION  
 ELABORARE STUDIU DE FEZABILITATE SI PROIECT TEHNIC PENTRU AUTOSTRADA CRAIOVA-FLAB SI DRUM EXPRESS FLAB-TARGU JIU  
 PREPARATION OF FEASIBILITY STUDY AND TECHNICAL DESIGN FOR CRAIOVA-FLAB MOTORWAY AND FLAB-TARGU JIU EXPRESS ROAD  
 LUCRARI DE PODURI, VIADUCTE SI PASAJE BRIDGES, VIADUCTS AND PASSAGES WORKS  
 DISPOZITIE GENERALA GENERAL LAYOUT  
 Pasiu pe Autostrada km 33+718 pentru subtraversarea fauna peste Drum local 46 si canal / Passage on Motorway pk 33+718 wildlife crossing, over Local road 46 and canal  
 COORDONATOR DE PROIECT: R. THADANI  
 COORDONATOR DE PROIECT DE PODURI: G. PERICOLU  
 INGINER PROIECTANT DE PODURI: G. BARONCEA  
 BRIDGE DESIGN ENGINEER: M. ANDREI  
 VERIFICATOR INTERN: A. PRODAN  
 CONTRACT NO: 02/2025  
 DATE: 10/2023  
 DATE: 20/10/2023  
 SCALE: 1:200 / 1:100  
 DRAWING NUMBER: 07/001-SP-3-4-3-002-07/001



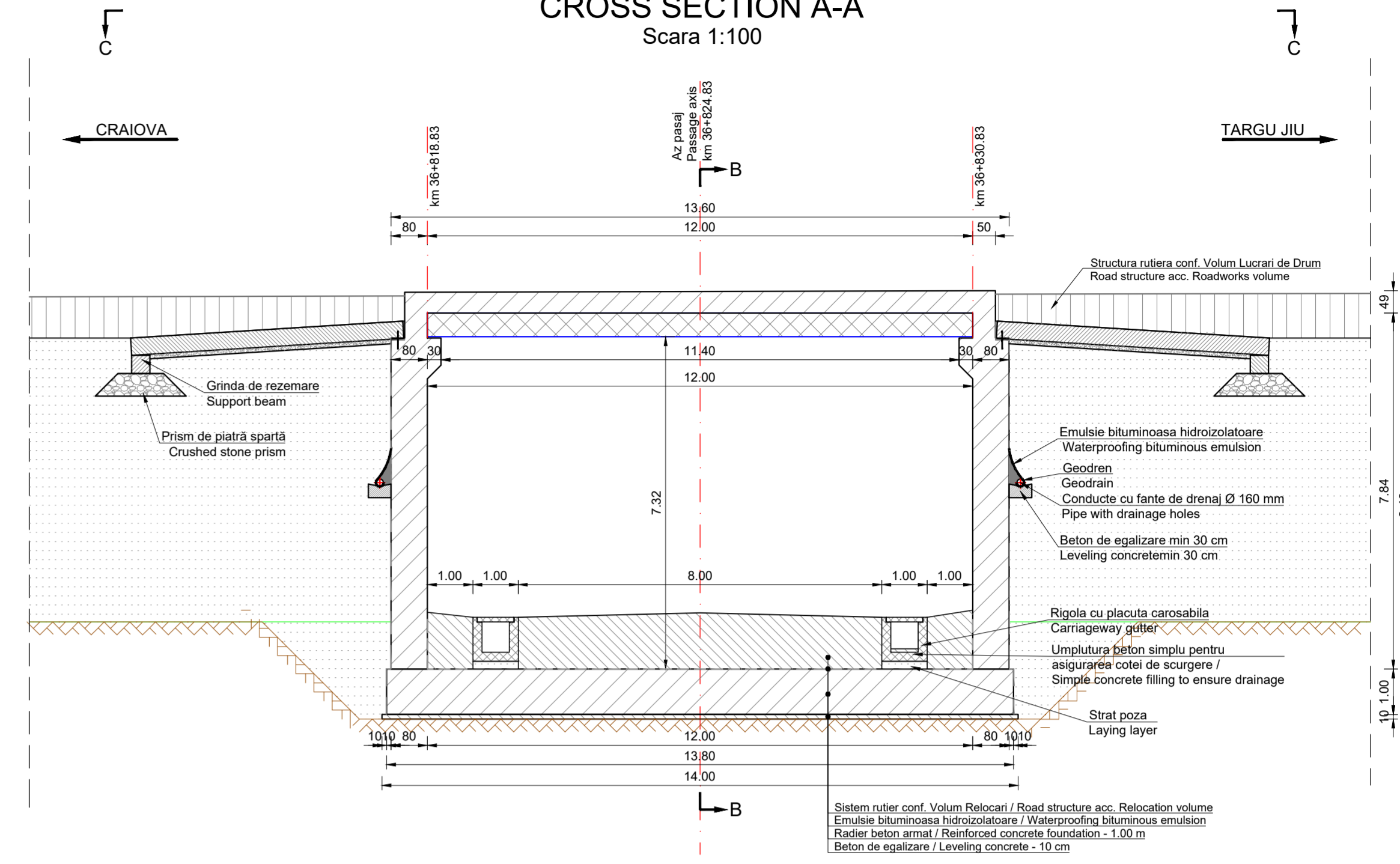




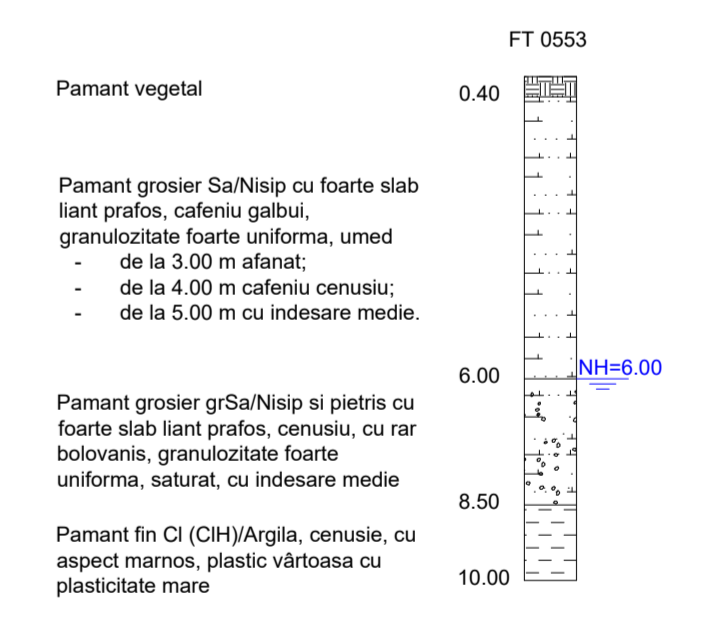
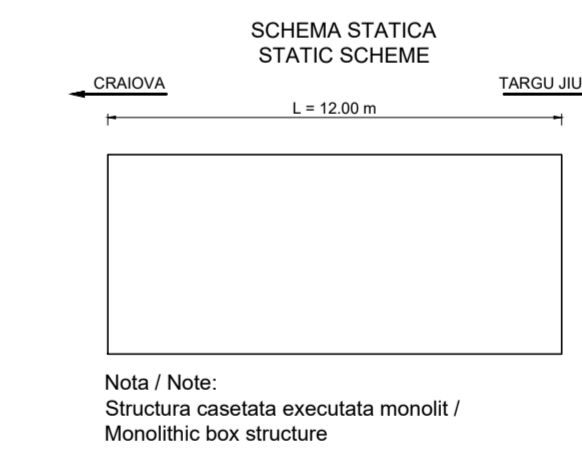
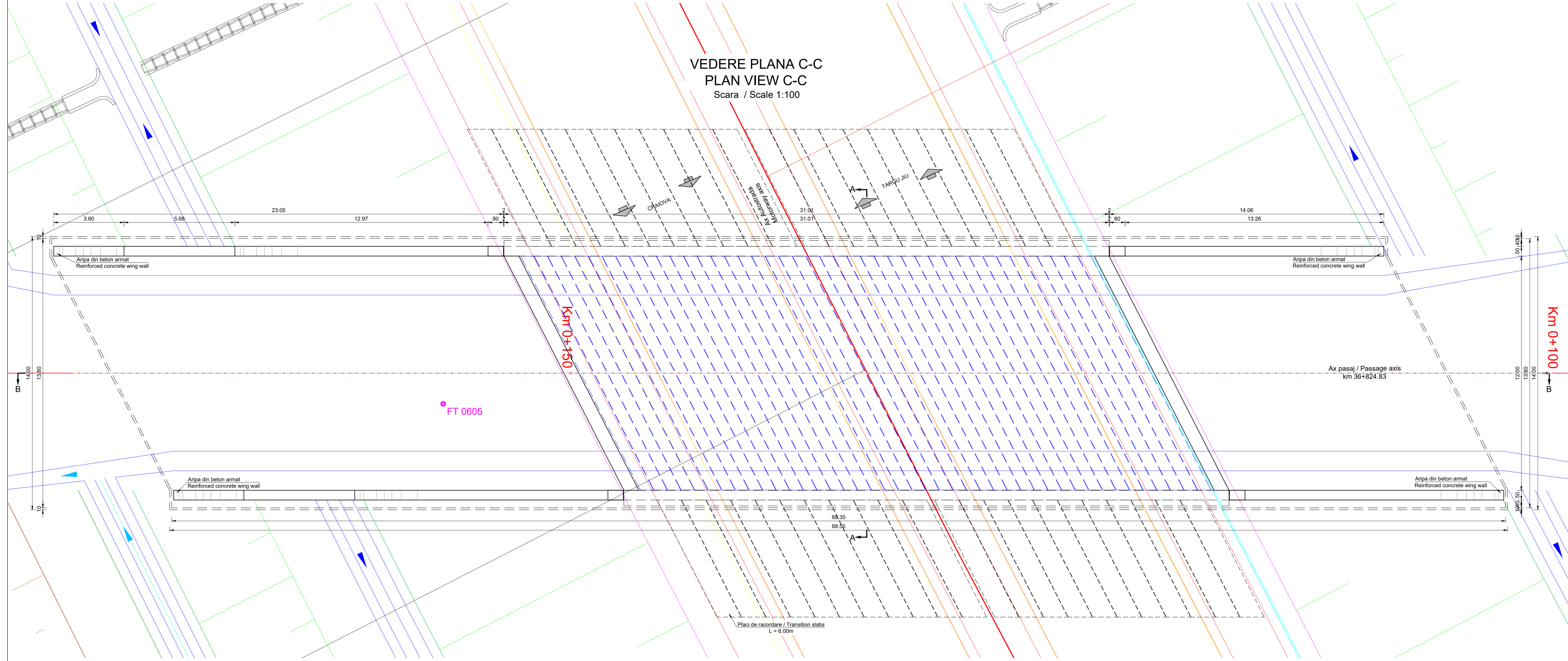
ELEVATIE B-B  
ELEVATION B-B  
Scara 1:100 / Scale 1:100



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
Piloli 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 peruu / Riprap foundations	C30/37	XC4
Aripi / 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 / Lifespan: 120 years  
Carnvale de calcul / Loading conveyors  
LM1 - conf. SR EN 1991-2:2005 / LM1 - acc. SR EN 1991-2:2005  
LM2 - conf. SR EN 1991-2:2005 / LM2 - acc. SR EN 1991-2:2005  
Categorie de importanta: "B" / Importance category: "B"  
Grad de seismicitate: / Seismic area characteristics: "7", acc. SR 111001-93  
a<sub>s</sub>=0.20g, T<sub>c</sub>=0.7s conf. P100-1:2013 / a<sub>s</sub>=0.20g, T<sub>c</sub>=0.7s acc. P100-1:2013  
Exigente de verificare faza PT: A4, B2, D / Quality requirements for TP phase: A4, B2, D

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.

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

PROIECTANT ASOCIATAI DESIGNER ASSOCIATION: egis CORPORATION

ELABORARE STUDIUL DE FEZABILITATE SI PROIECT TEHNIC PENTRU AUTOSTRADA CRAIOVA-TARGU JIU SI DRUM EXPRESS / PREPARATION OF FEASIBILITY STUDY AND TECHNICAL DESIGN FOR CAROL I BRASOV MOTORWAY AND PLAZA TARGU JIU EXPRESS ROAD.

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

DISPOZITIE GENERALA GENERAL LAYOUT PASAJ pe Autostrada km 36+819 peste DJ 606F / Passage on Motorway pk 36+819 over DJ606F

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

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

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

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

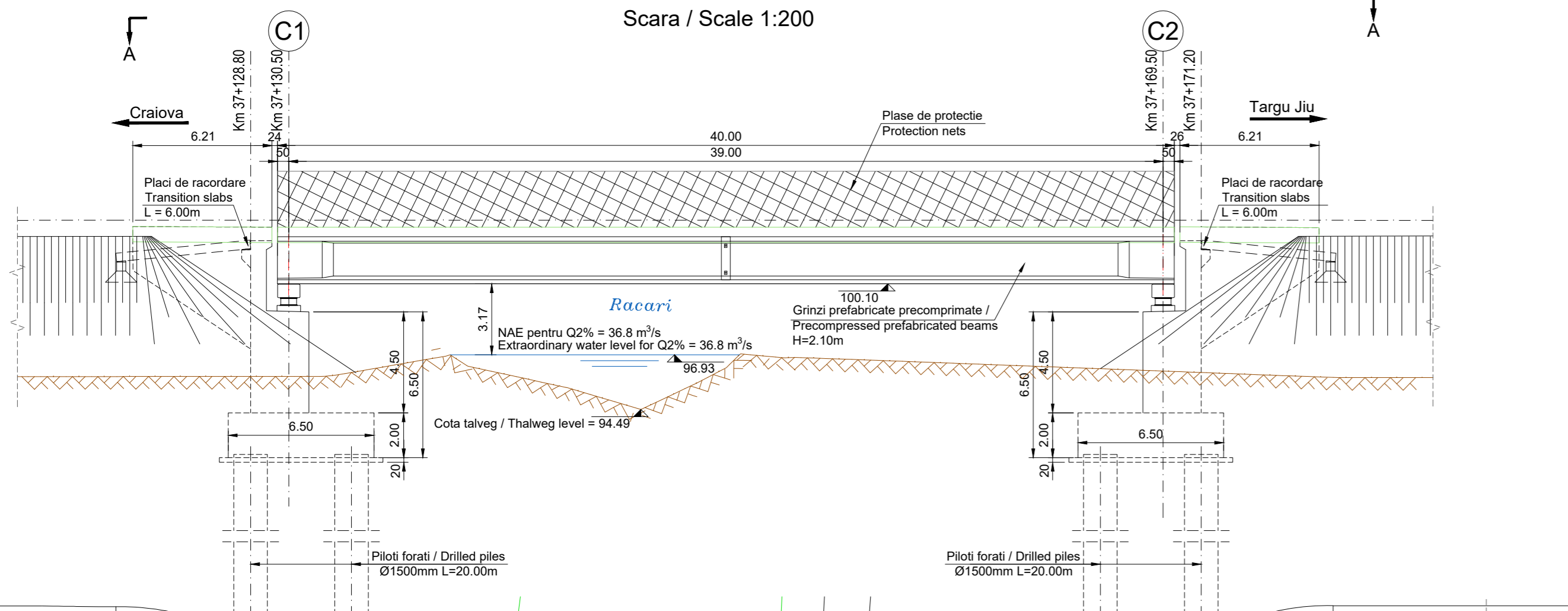
VERIFICATOR INTERN / INTERNAL CHECKER: A. PRODAN

Contract nr. 9222678 / Contract no. 9222678  
Date: 10/2023 / Date: 10/2023  
Scale: 1:100 / Scale: 1:100  
Cod desen: 2023-CTJ-SF-3A-3-EGIS\_98400 / Drawing number:



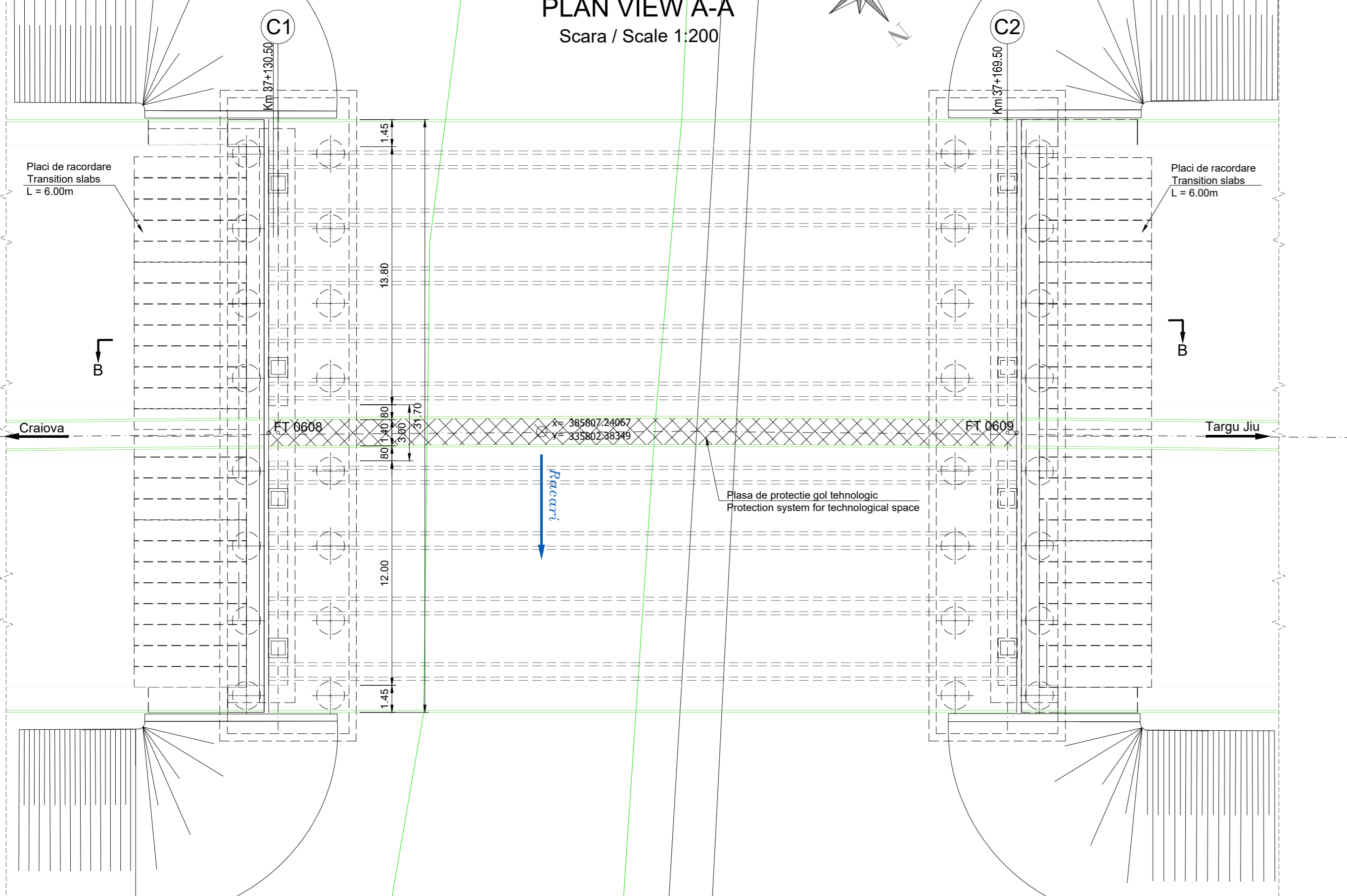
VEDERE LONGITUDINALA B-B  
LONGITUDINAL VIEW B-B

Scara / Scale 1:200



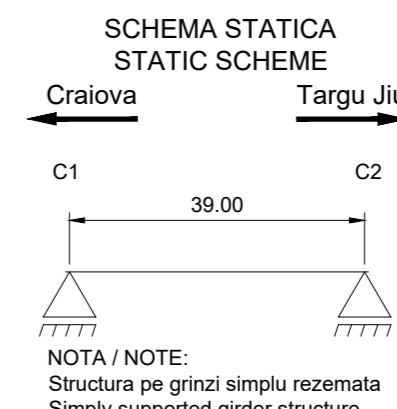
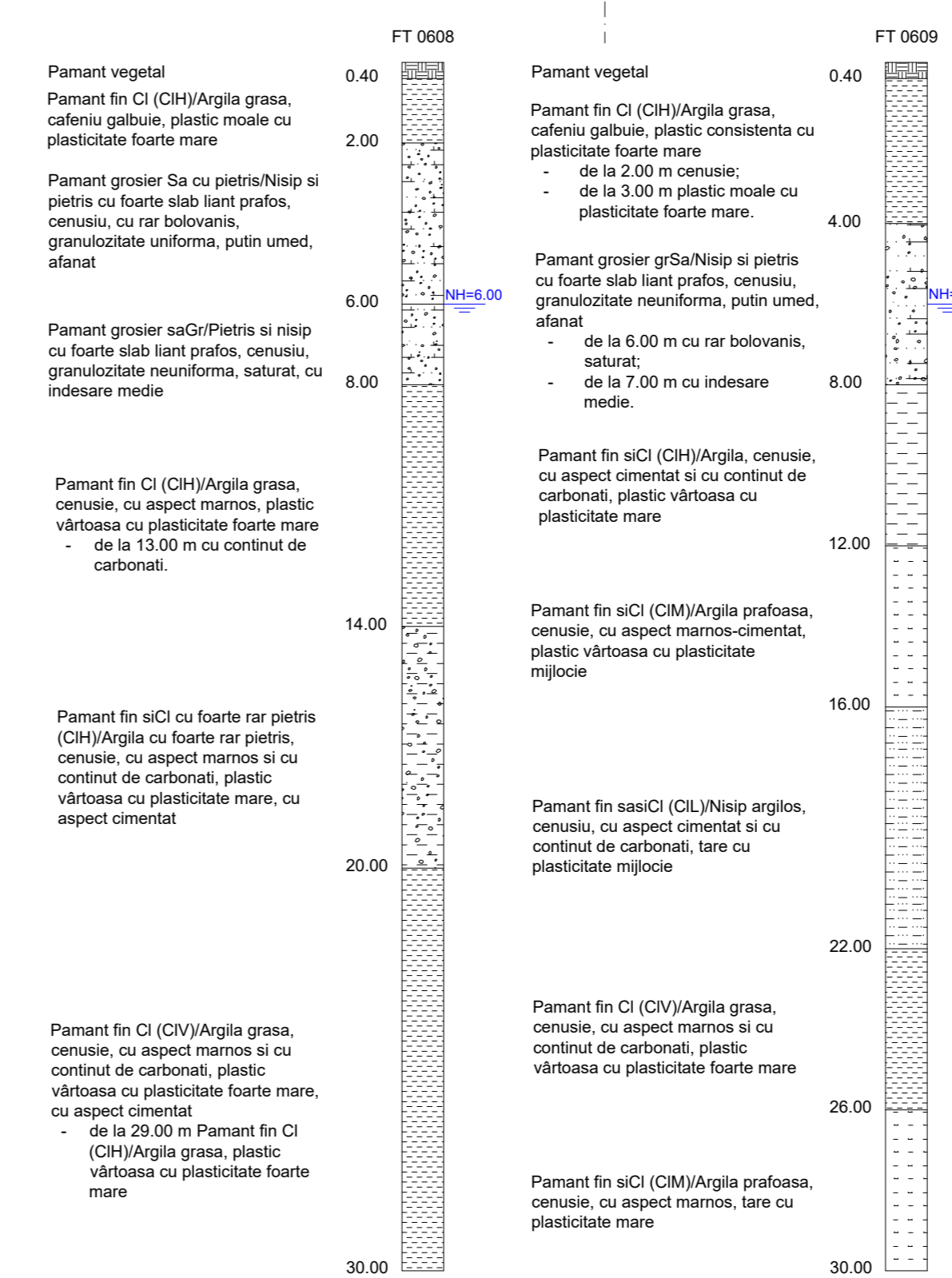
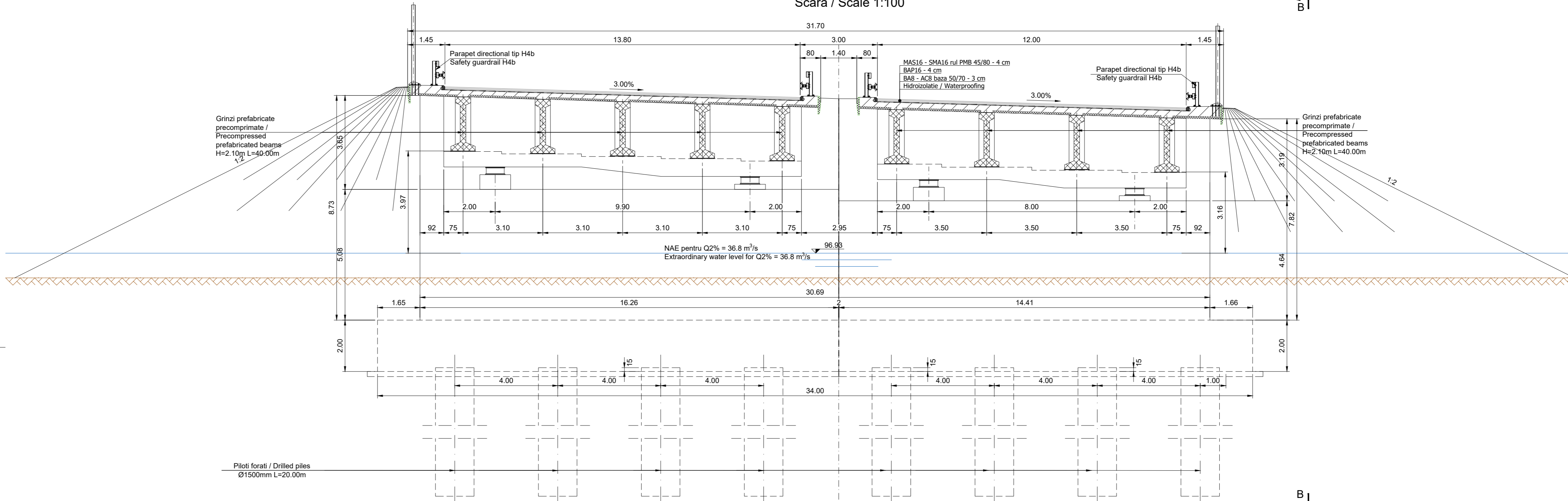
VEDERE PLANA A-A  
PLAN VIEW A-A

Scara / Scale 1:200



SECTIUNE TRANSVERSALA CULEA C1  
CROSS SECTION ABUTMENT C1

Scara / Scale 1:100



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 / 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  
Lifespan: 120 years

Convoaie de calcul LM1 - conf. SR EN 1991-2:2005  
LM2 - conf. SR EN 1991-2:2005  
Importance category: "B"

Grati de seismicitate: "7", conf. SR 11100/1-93  
a<sub>0</sub>=0.20g, T<sub>c</sub>=0.7s conf. P100-1:2013  
Exigente de verificare faza PT: A4, B2, D Af

Conform recomandarilor Studiului Geotehnic structura este fundata indirect pe piloti forati. Diametrul si lungimea pilotilor 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 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, SEARCH CORPORATION

ELABORARE STUDIULUI DE FEZABILITATE SI PROIECT TEHNIC PENTRU AUTOSTRADA CRAIOVA-FILIASI SI DRUMUL EXPRESS  
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 Autostrada km 37+129 peste Raul Racari si Drum local / Bridge on Motorway pk. 37+129 over Racari River and Local road

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

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

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

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

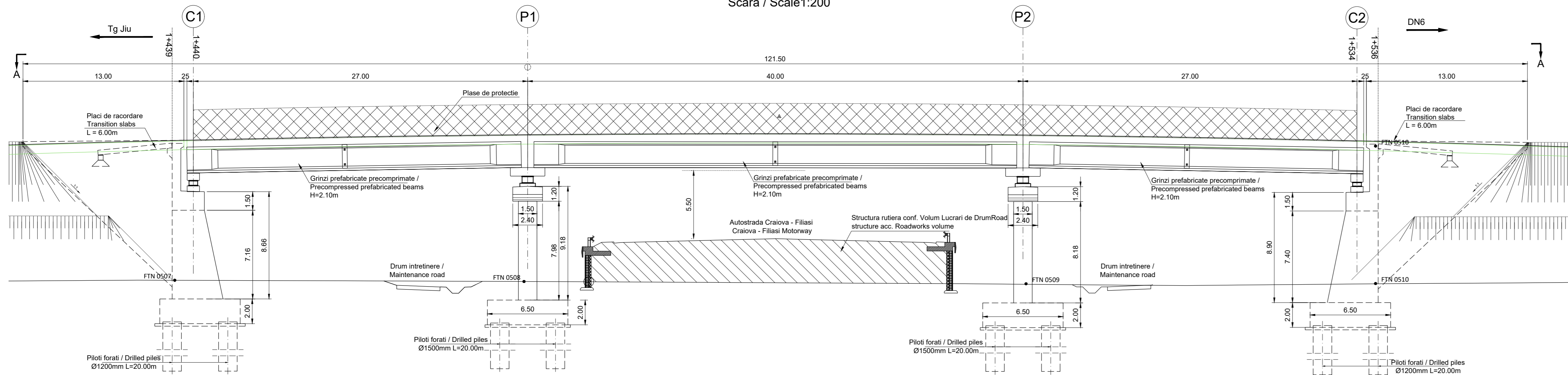
VERIFICATOR INTERNETAL / CHECKER: A. PRODAN

Contract nr. / Contract no.: 92/22579  
Data: 10/2023  
Cod desen: 2579-DT-SF-3-A-3-DG-S\_10-R00

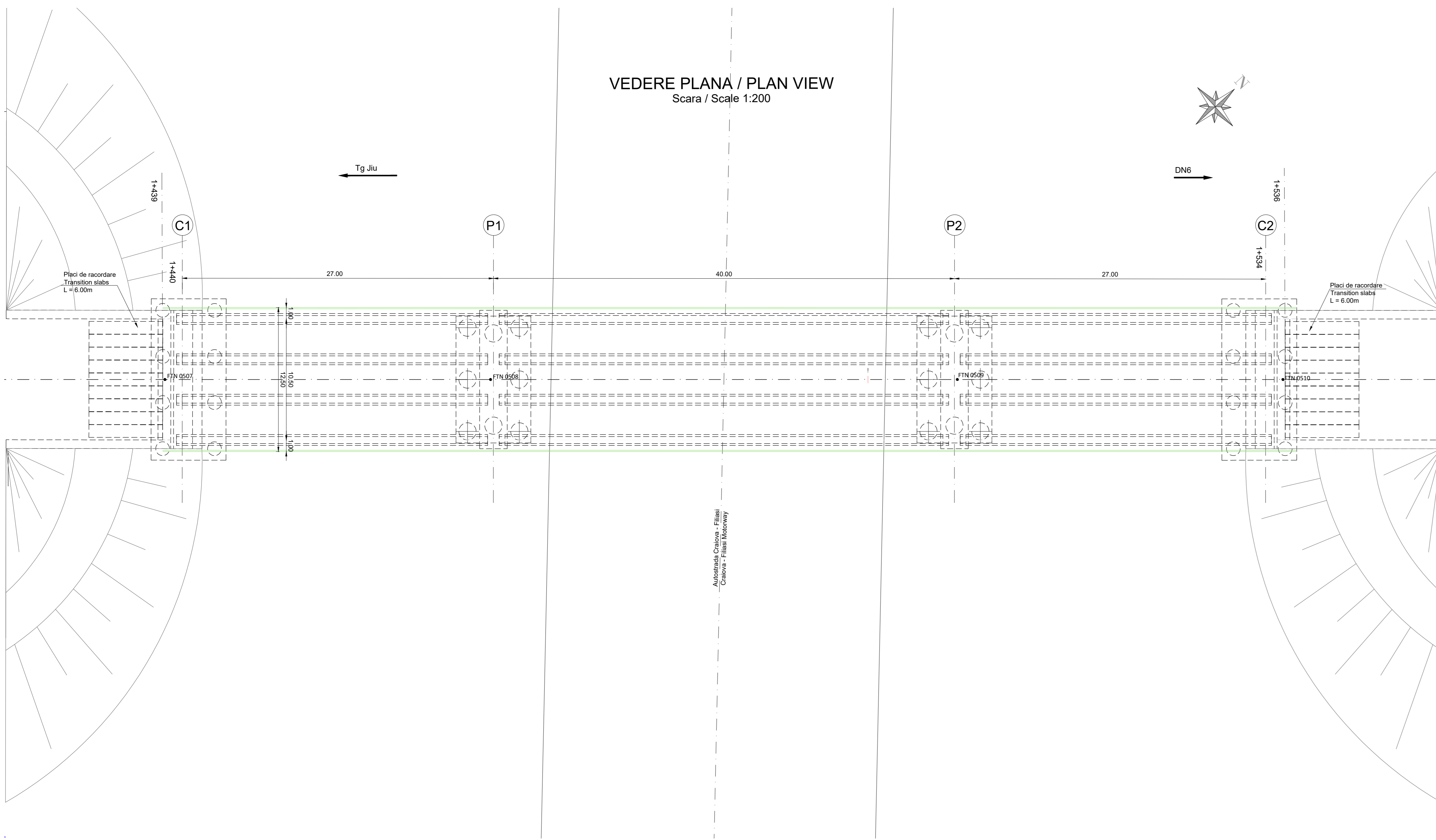
Revizia nr. / Revision no.: 0  
Scara: 1:200 / 1:100  
Scale: 1:200 / 1:100  
Drawing number:



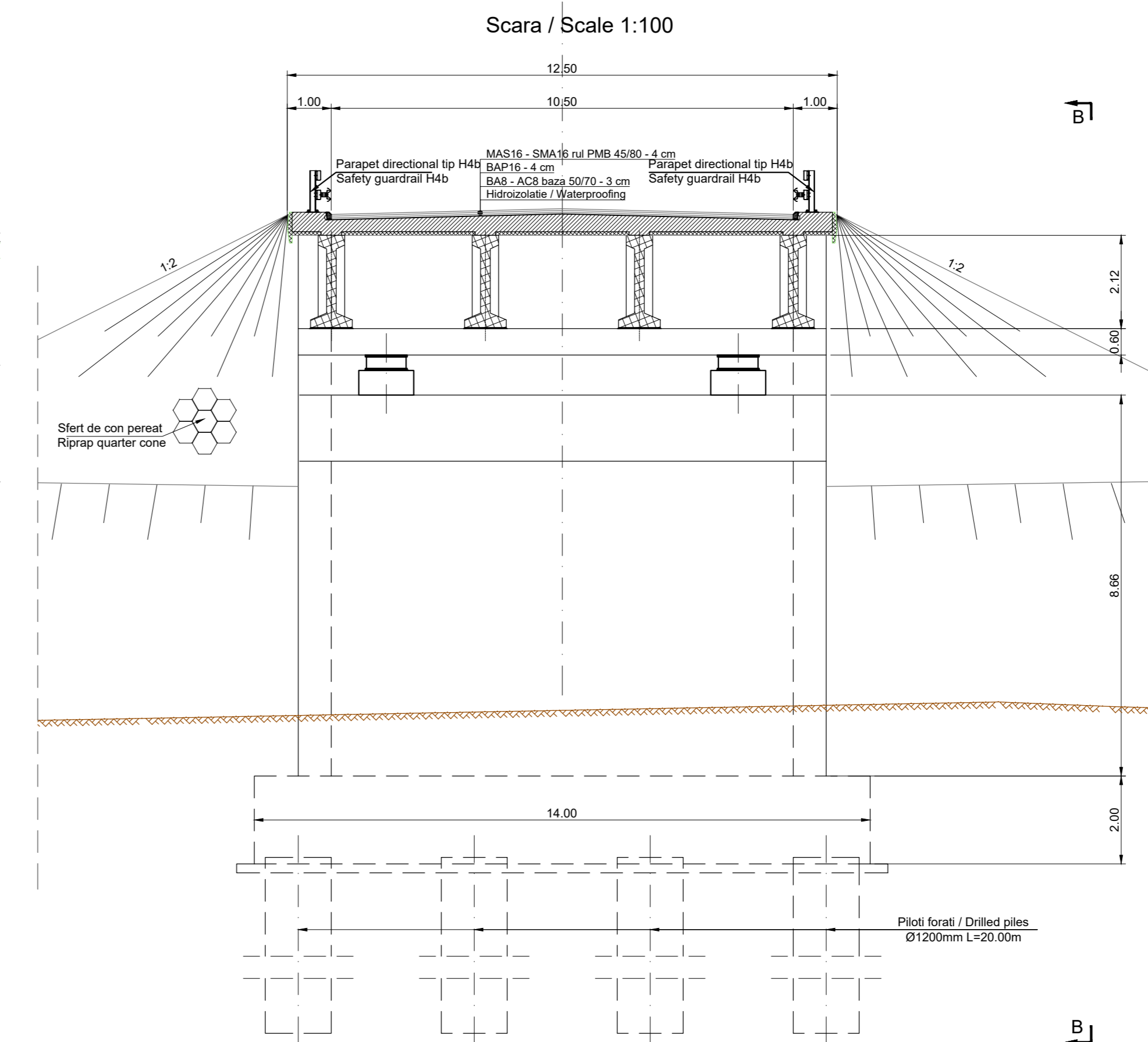
VEDERE LONGITUDINALA B-B LONGITUDINAL VIEW B-B  
Scara / Scale 1:200



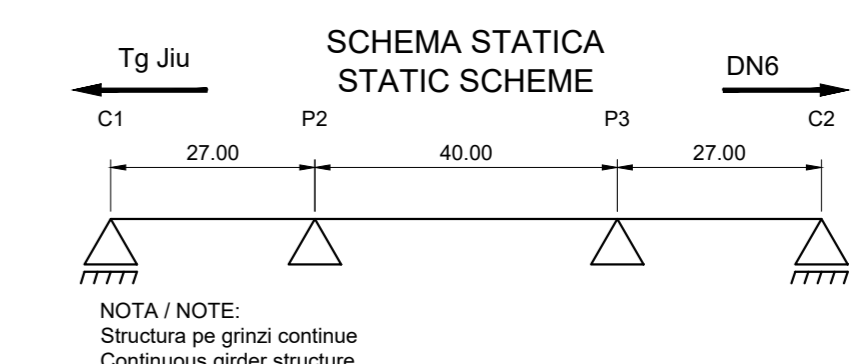
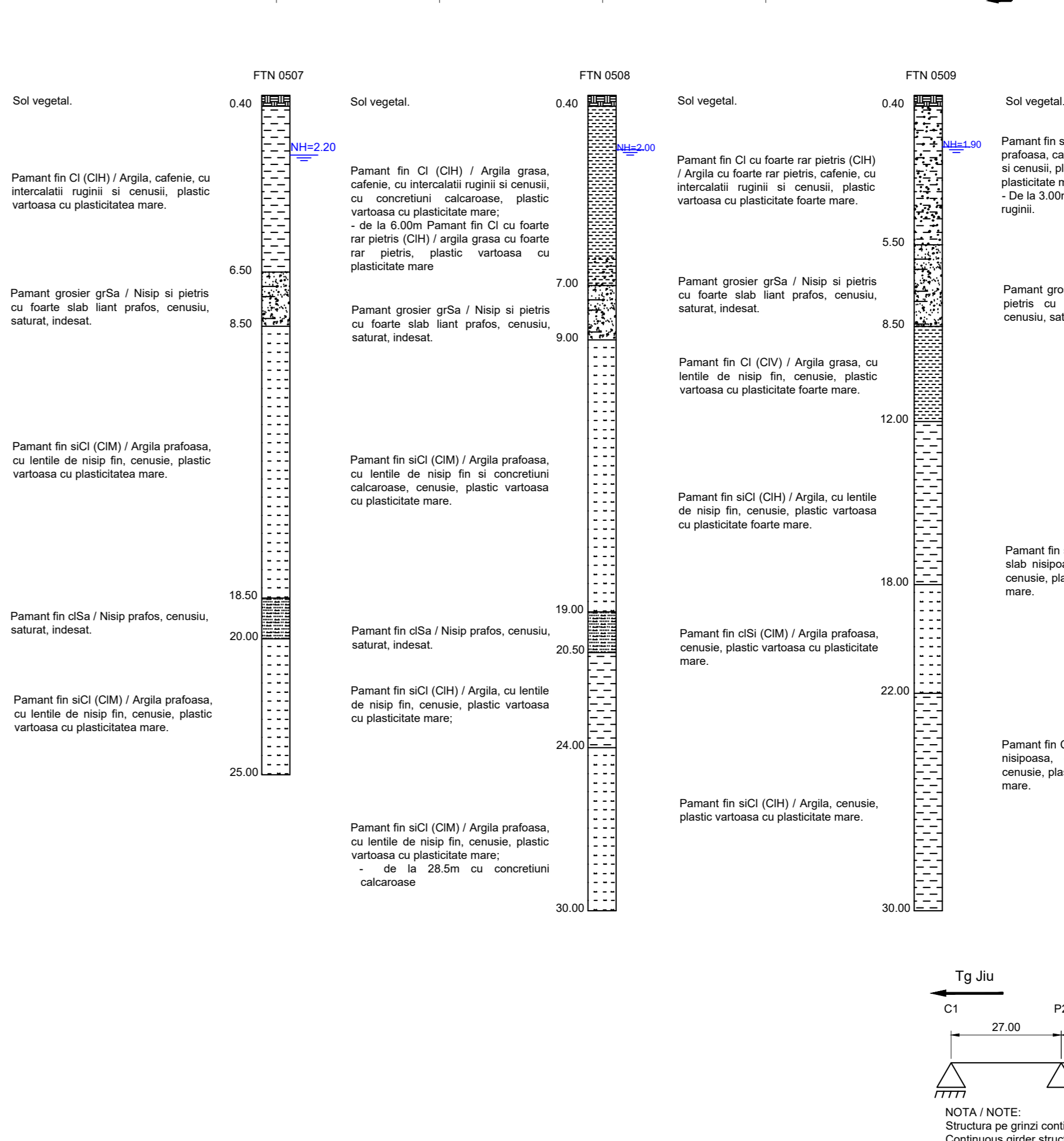
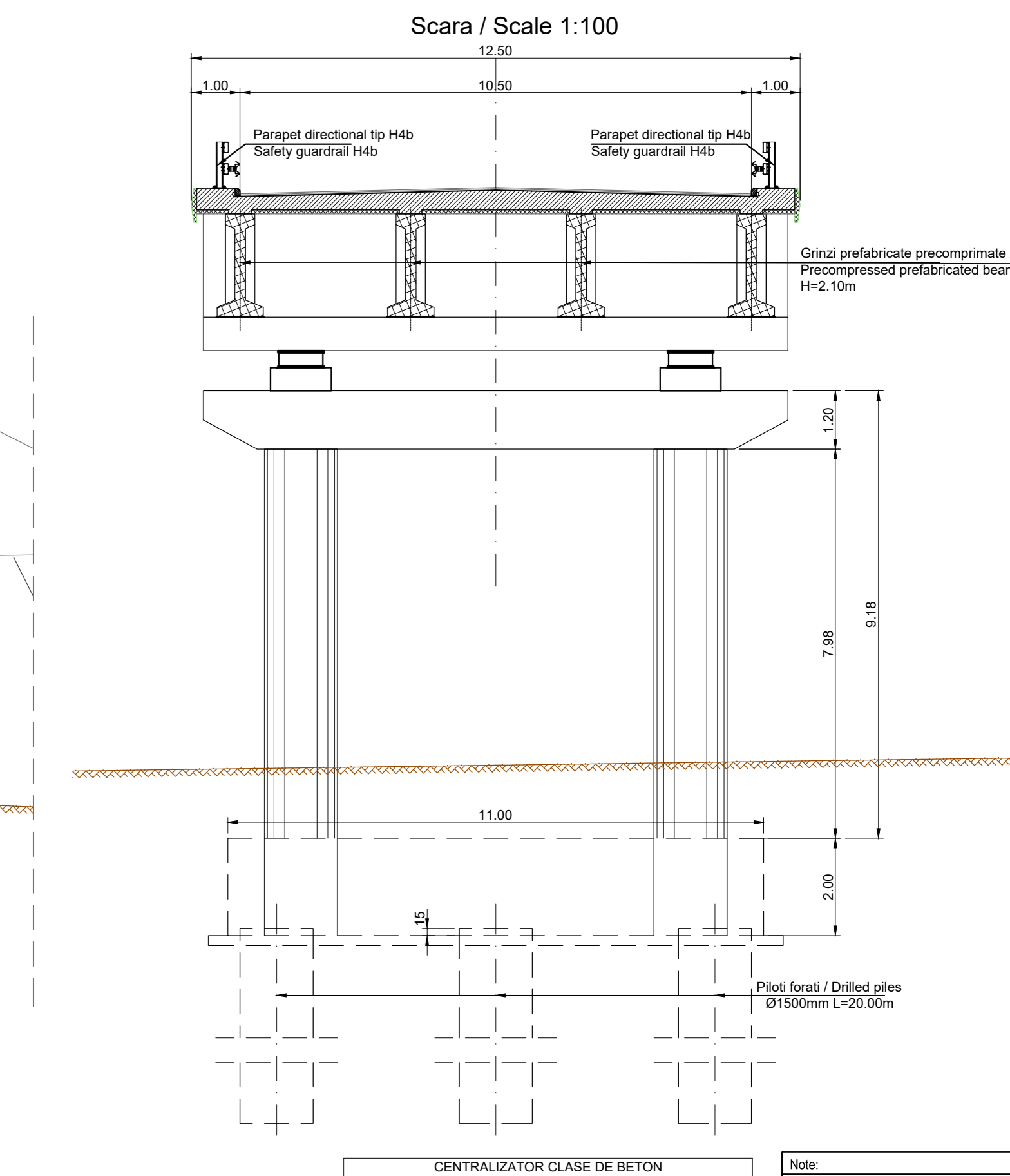
VEDERE PLANĂ / PLAN VIEW  
Scara / Scale 1:200



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	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
Elevații / 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
Arpi / Wing Walls	C35/45	XC4 XD3 XF4
Grinzi prefabricate / Prefabricated beams	C50/60	XC3 XF1 XF3
Presdale / Prestabs	C35/45	XC3 XF1 XF3

**Nota:**

- 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.

**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 111001-93  
 $a_s=0.20g$ ,  $T_c=0.7s$  conf. P100-1:2013  
Exigente de verificare faza PT: A4, B2, D Af

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

Pasajul va fi echipat cu schele mobile independente pe toate deschiderile si pe toata latimea sectiunii transversale.

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  
 $a_s=0.20g$ ,  $T_c=0.7s$  acc. P100-1:2013  
Quality requirements for TP phase: A4, B2, D Af

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.

The passage will be equipped with independent mobile scaffolding on all spans and across the entire width of the cross section.

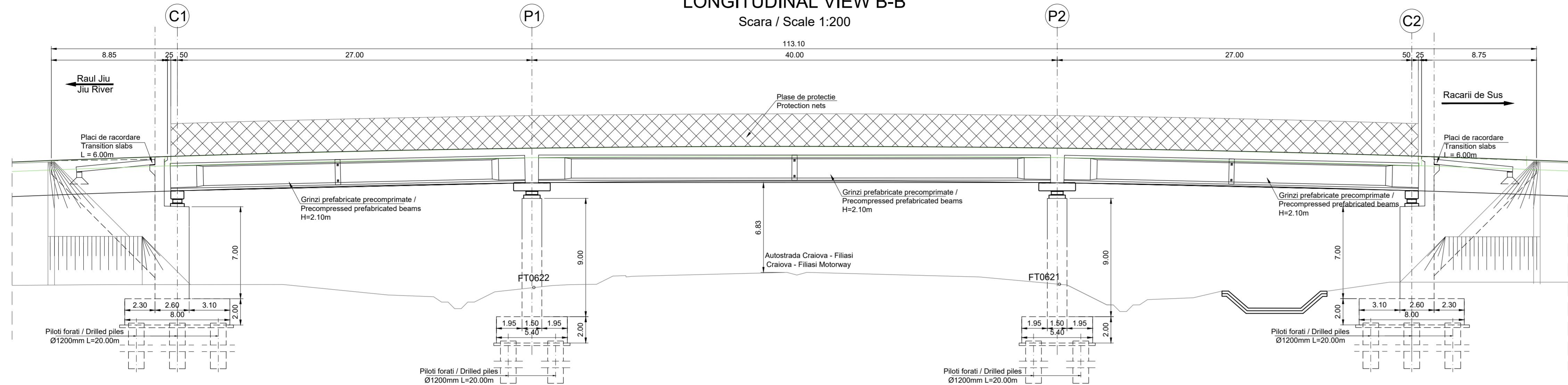
**COORDONATOR ADJUNCT DE PROIECT / PROJECT COORDINATOR DEPUTY:** R. THADANI  
**INGINER PROIECTANT DE PUNTE / BRIDGE DESIGN ENGINEER:** G. PERICOLU  
**INGINER PROIECTANT DE PUNTE / BRIDGE DESIGN ENGINEER:** S. BARONCEA  
**INGINER PROIECTANT DE PUNTE / BRIDGE DESIGN ENGINEER:** M. ANDREI  
**VERIFICAT INTERN / INTERNAL CHECKER:** A. PRIDAN

Contract nr. 0222579  
Date: 10/2023  
Scale: 1:200 / 1:100  
Drawing number:



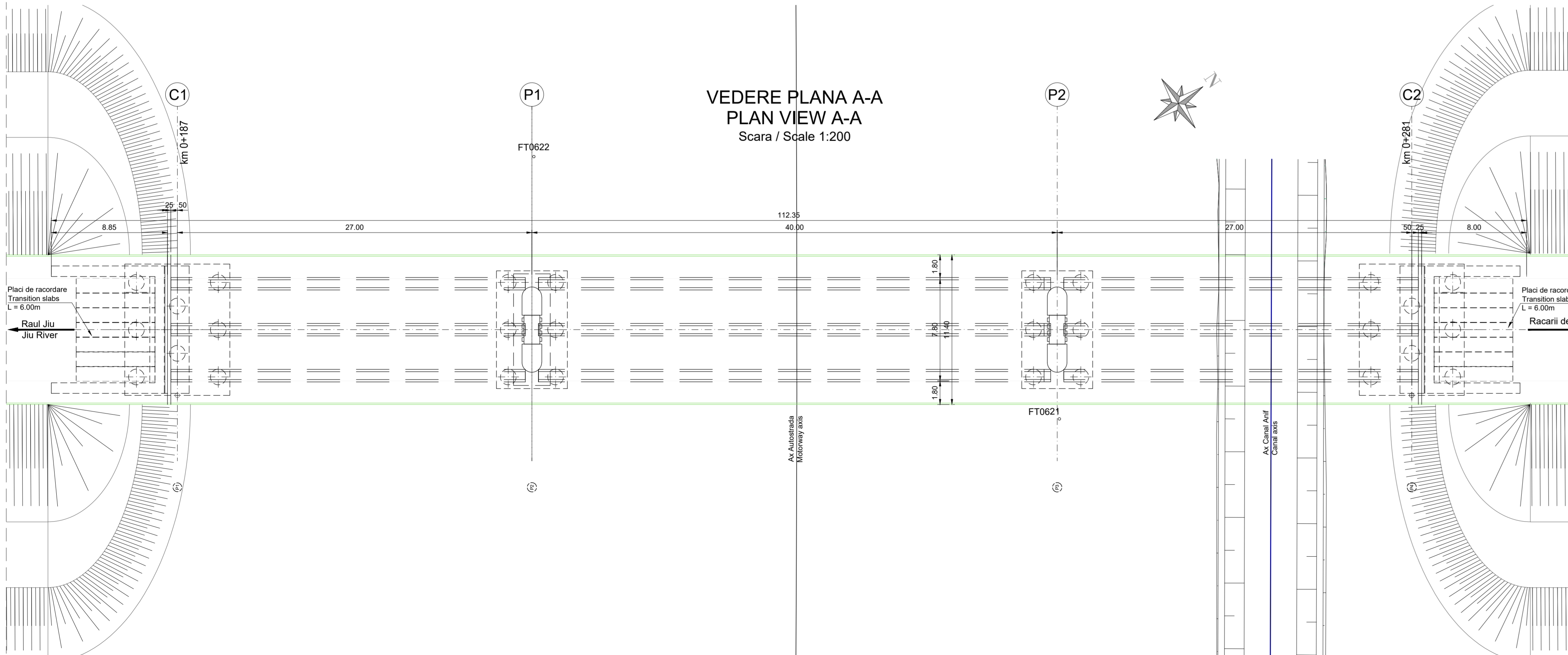
VEDERE LONGITUDINALA B-B  
LONGITUDINAL VIEW B-B

Scara / Scale 1:200



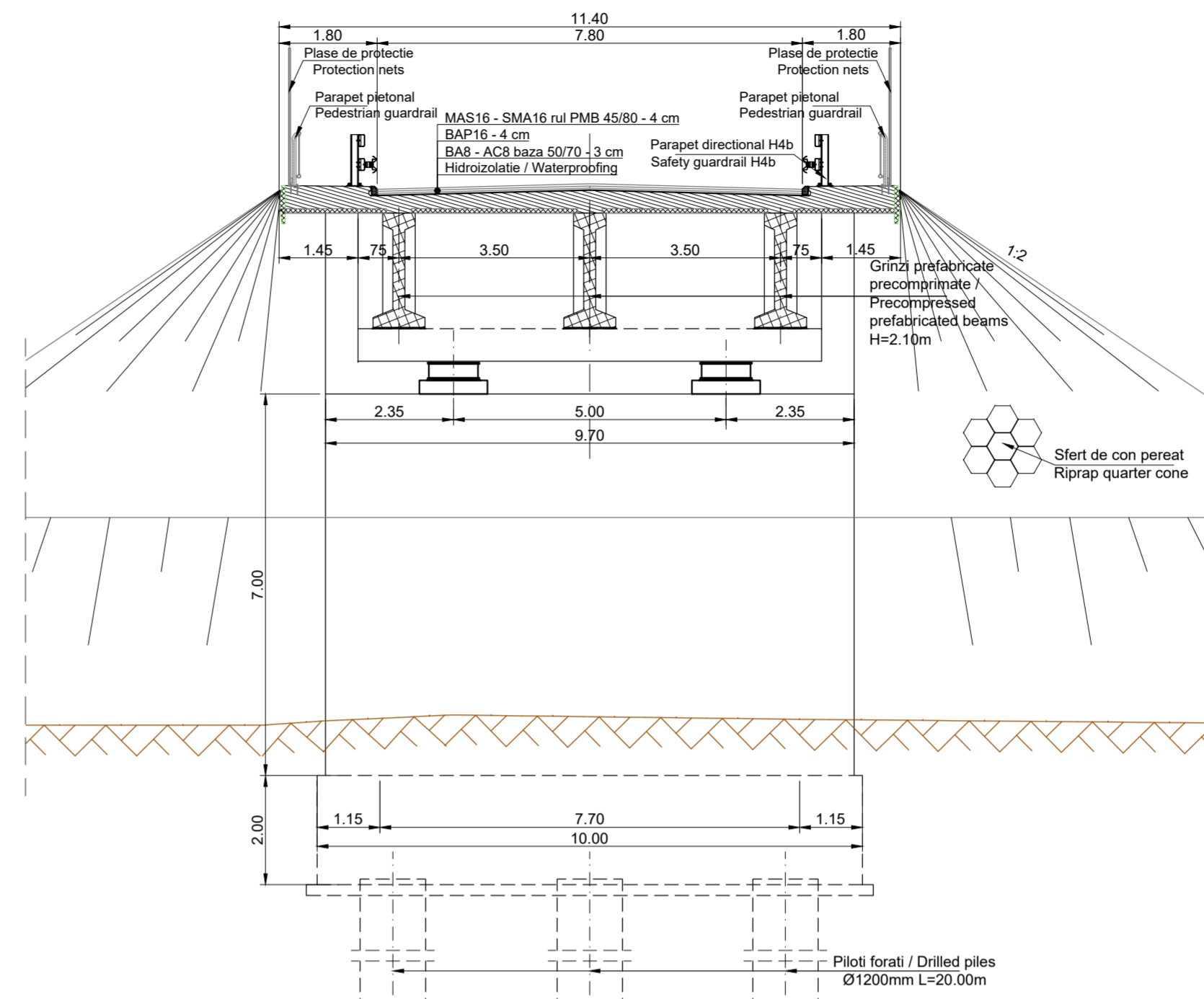
VEDERE PLANA A-A  
PLAN VIEW A-A

Scara / Scale 1:200



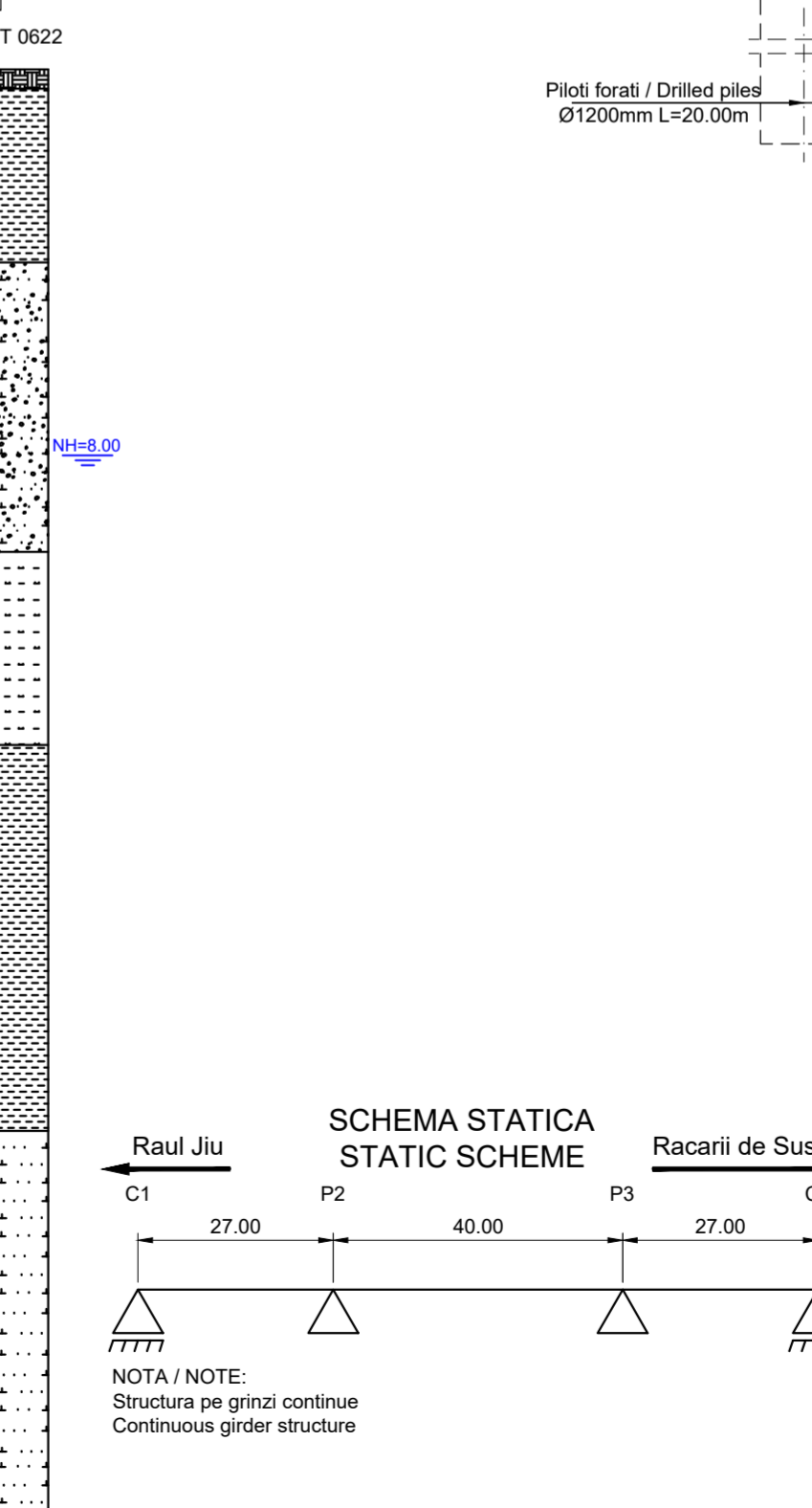
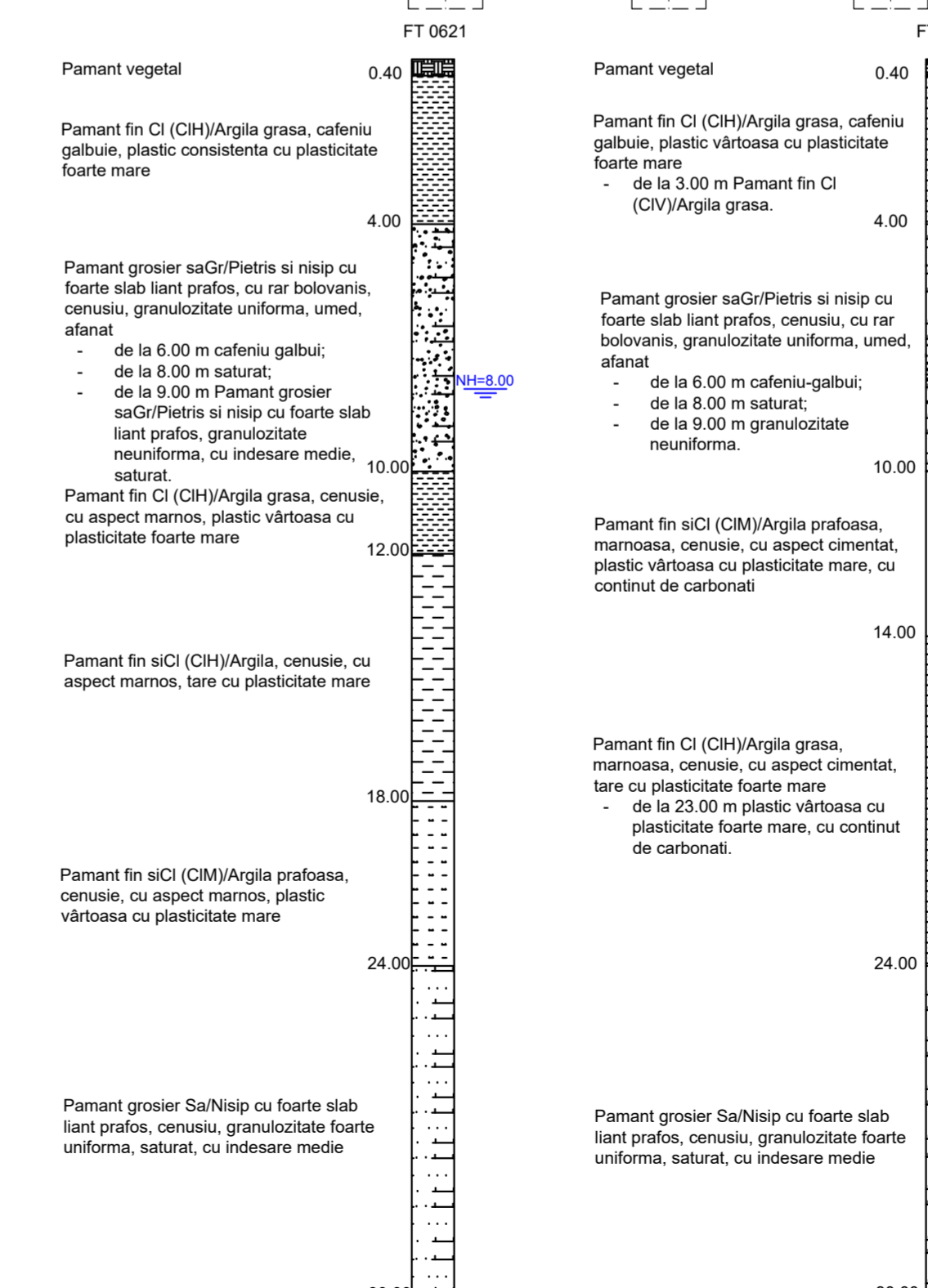
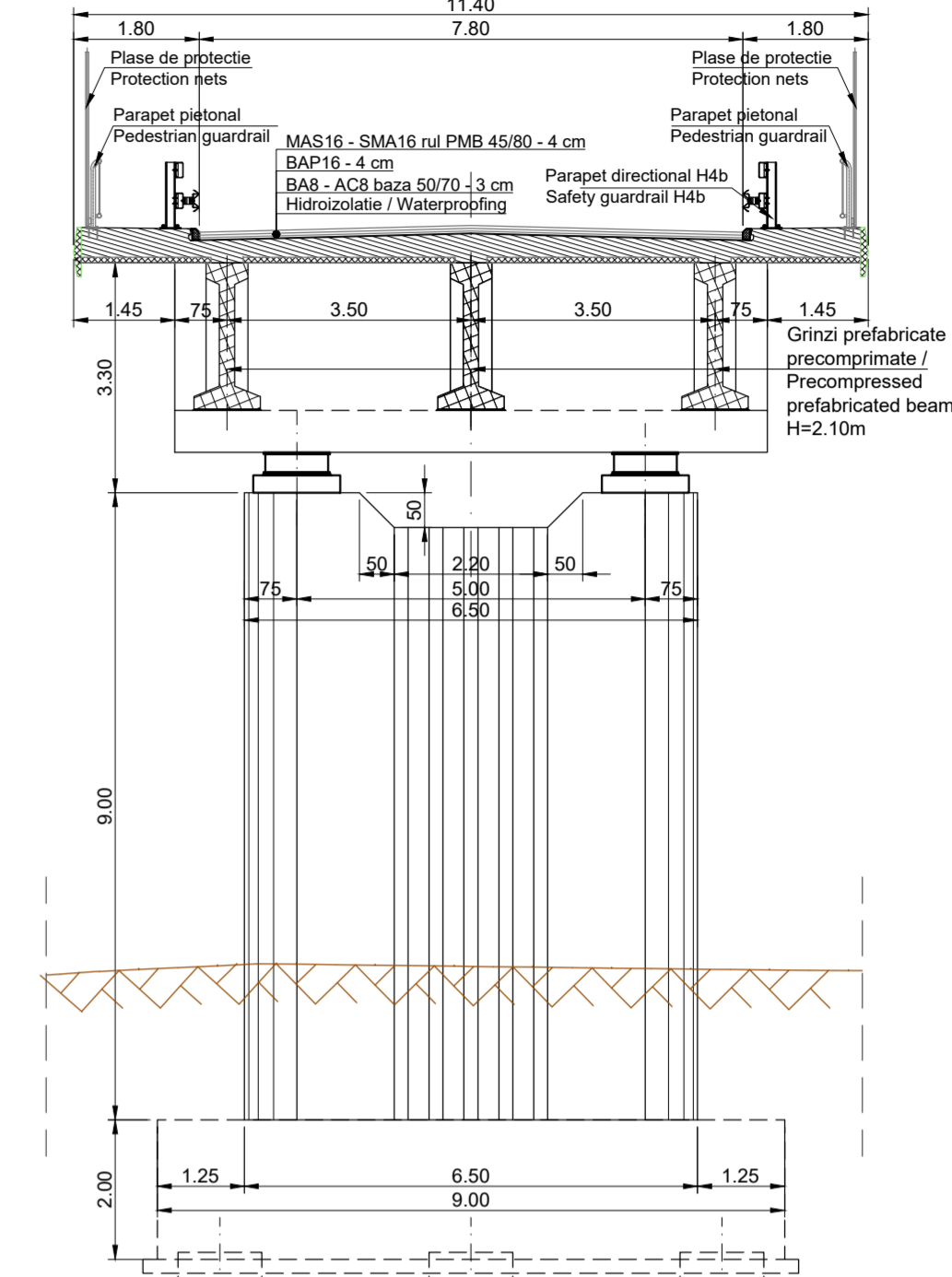
SECTIUNE TRANSVERSALA CULEE C1  
CROSS SECTION ABUTMENT C1

Scara / Scale 1:100



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	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 / Elevations	C35/45	XC4 XD3 XF4
Placi 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 / Prestabs	C35/45	XC3 XF1 XF3

Durata de viata: 120 ani  
Convoaie de calcul  
LM1 - conf. SR EN 1991-2:2005  
LM2 - acc. SR EN 1991-2:2005  
Categoria de importanta: "B"  
Grad de seismicitate:  
7°, conf. SR 11100/1-93  
a<sub>s</sub>=0.20g, T<sub>c</sub>=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<sub>s</sub>=0.20g, T<sub>c</sub>=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 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 Expres / drum este informativa. Profilele transversale tip se regasesc in volumul de Lucrari de Drum.
- Eventuale imbunatatirile terenului de fundare se vor executa conform recomandarilor Studiului Geotehnic.
- Reprezentarea profilului de Motorway / Expres Road / road is informativa. 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 ROMANIA SA SEARCH CORPORATION SRL

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

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

DISPOZITIE GENERALA  
GENERAL LAYOUT  
Pasaj pe Drum local  
km 39+300 peste Autostrada /  
Passage on Local road  
pk 39+300 over Motorway

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

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

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

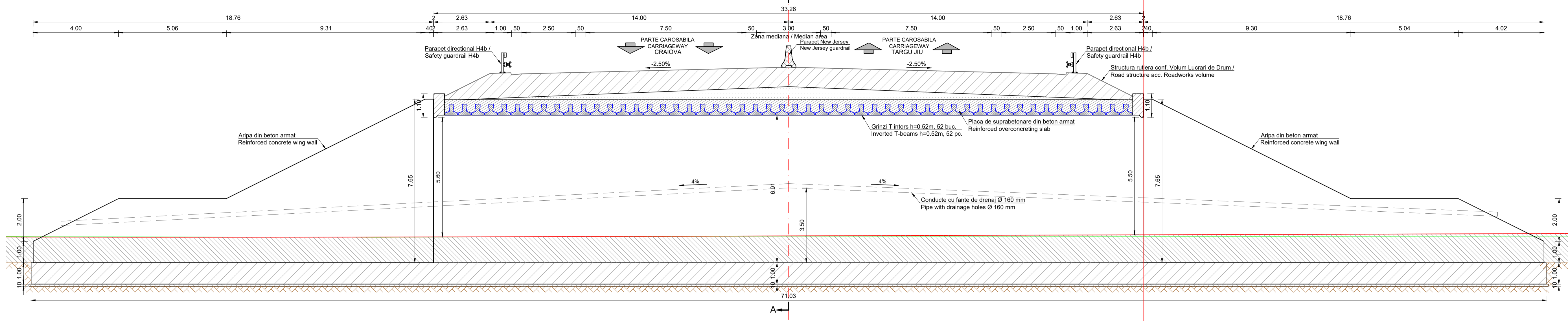
INGINIER PROIECTANT DE PODURI / BRIDGE DESIGN ENGINEER: M. ANDREI

VERIFICATOR INTERN / INTERNAL CHECKER: A. PRODAN

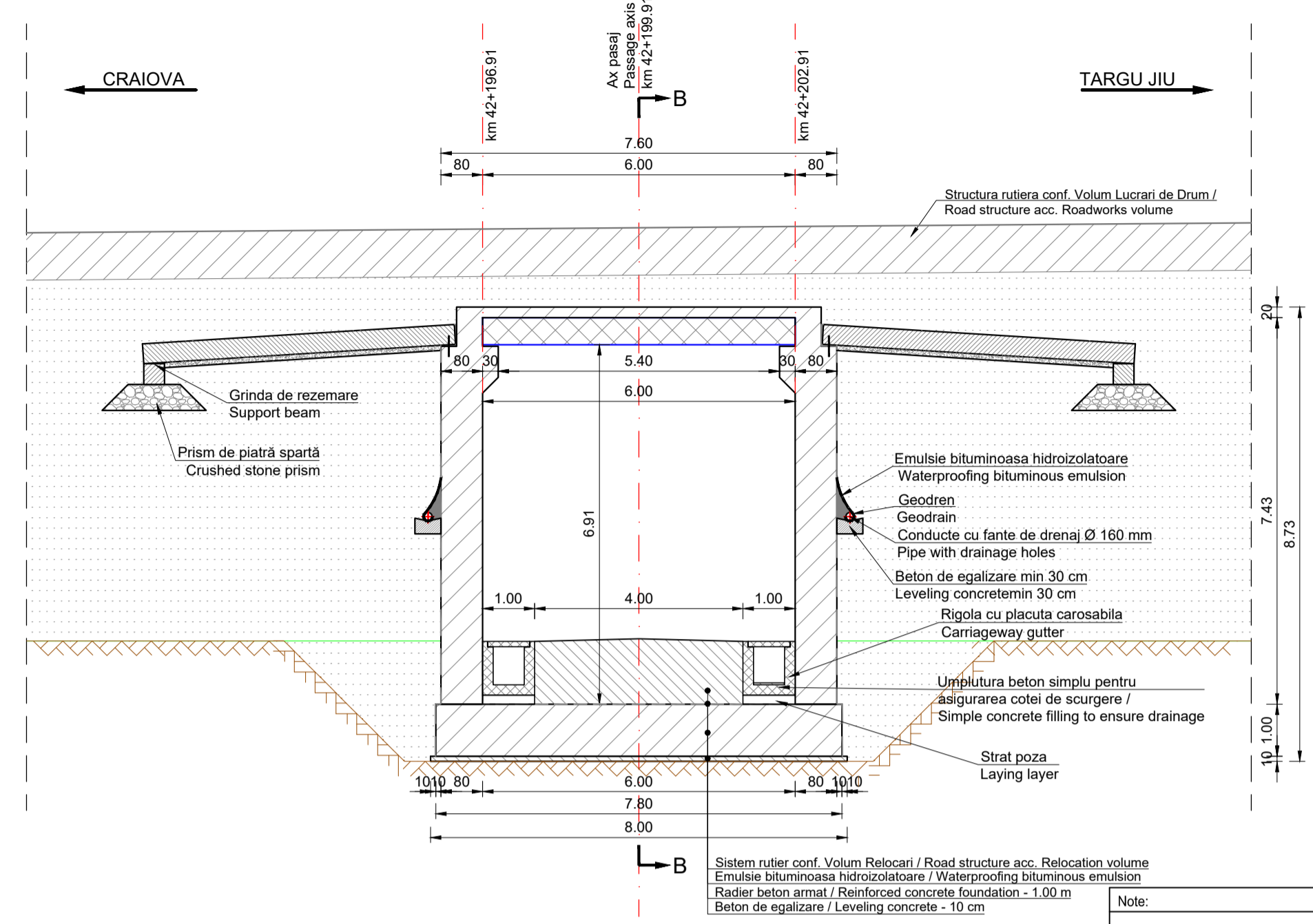
Contract nr. / Contract no.: 9222579  
Data: / Date: 10/2023  
Scara: / Scale: 1:200 / 1:100  
Cod desen: / Drawing number: 2279-C1-J-SF-3-LA-3-DIG-S-12-900



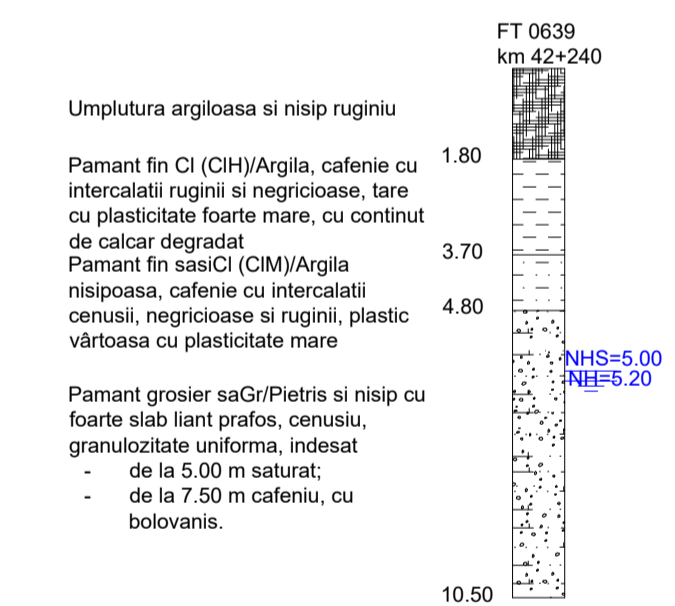
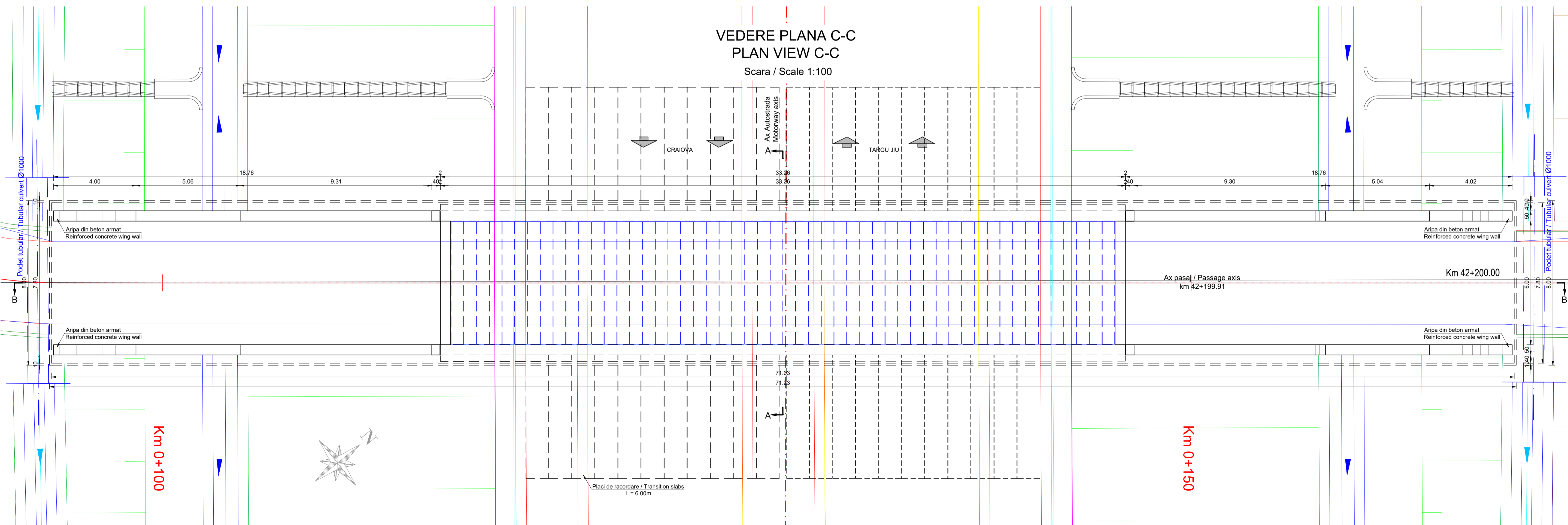
ELEVATIE B-B  
ELEVATION B-B  
Scara 1:100 / Scale 1:100



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

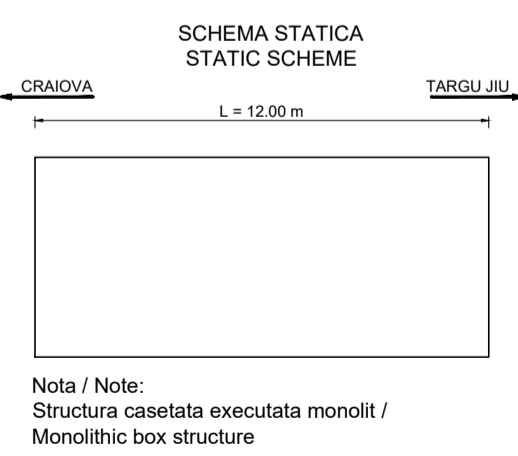


VEDERE PLANA C-C  
PLAN VIEW C-C  
Scara / Scale 1:100



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
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



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

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<sub>s</sub>=0.20g, T<sub>c</sub>=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<sub>s</sub>=0.20g, T<sub>c</sub>=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 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 / DESIGNER ASSOCIATION: egis SEARCH CORPORATION

ELABORARE STUDIU DE FEZABILITATE SI PROIECT TEHNIC PENTRU AUTOSTRADA CRAIOVA-FILASII SI DRUM EXPRES 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 Autostrada km 42+197 peste Drum Local 47 / Passage on Motorway pk 42+197 over Local road 47

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

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

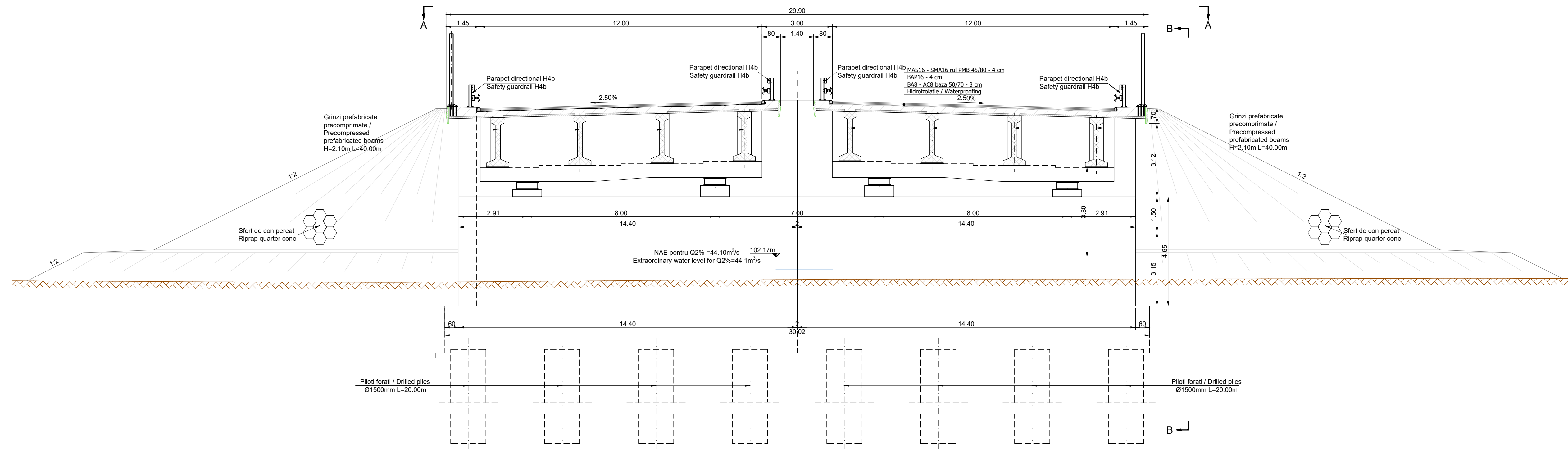
VERIFICAT INTERN / INTERNAL CHECKER: A. PRODAN

Contract nr. / Contract no.: 92/22579  
Data: / Date: 10/2023  
Cant. desen: / Drawing number: 2579-01-TP-SR-A-3.300-2.13-000



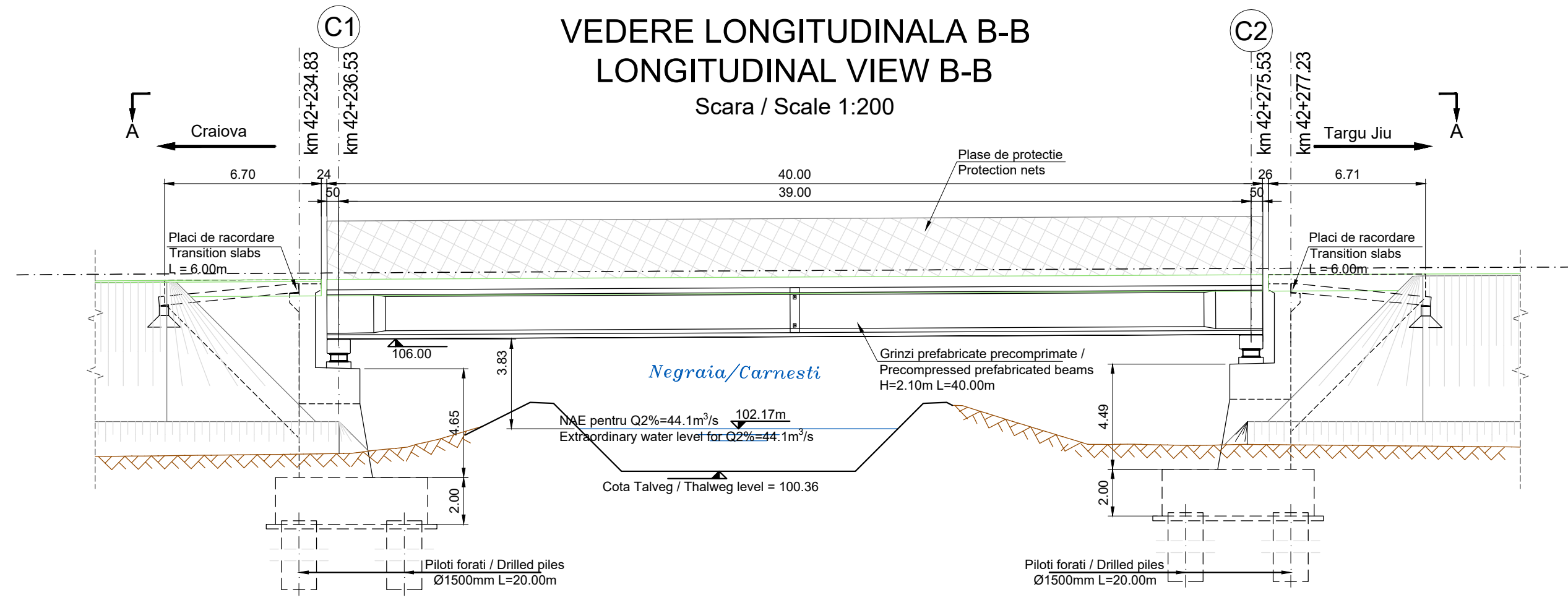
SECTIUNE TRANSVERSALA CULEE C1  
CROSS SECTION ABUTMENT C1

Scara / Scale 1:100



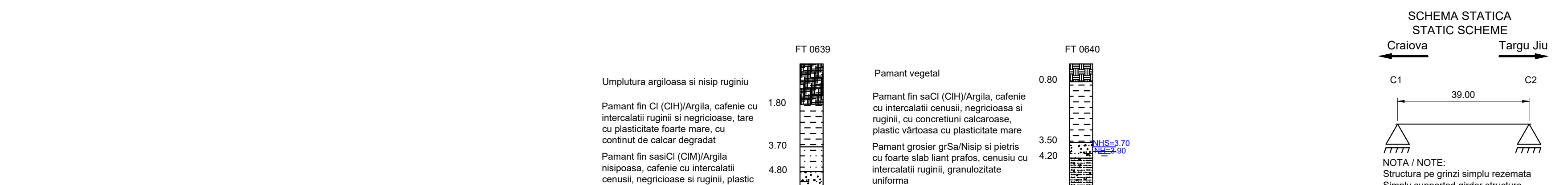
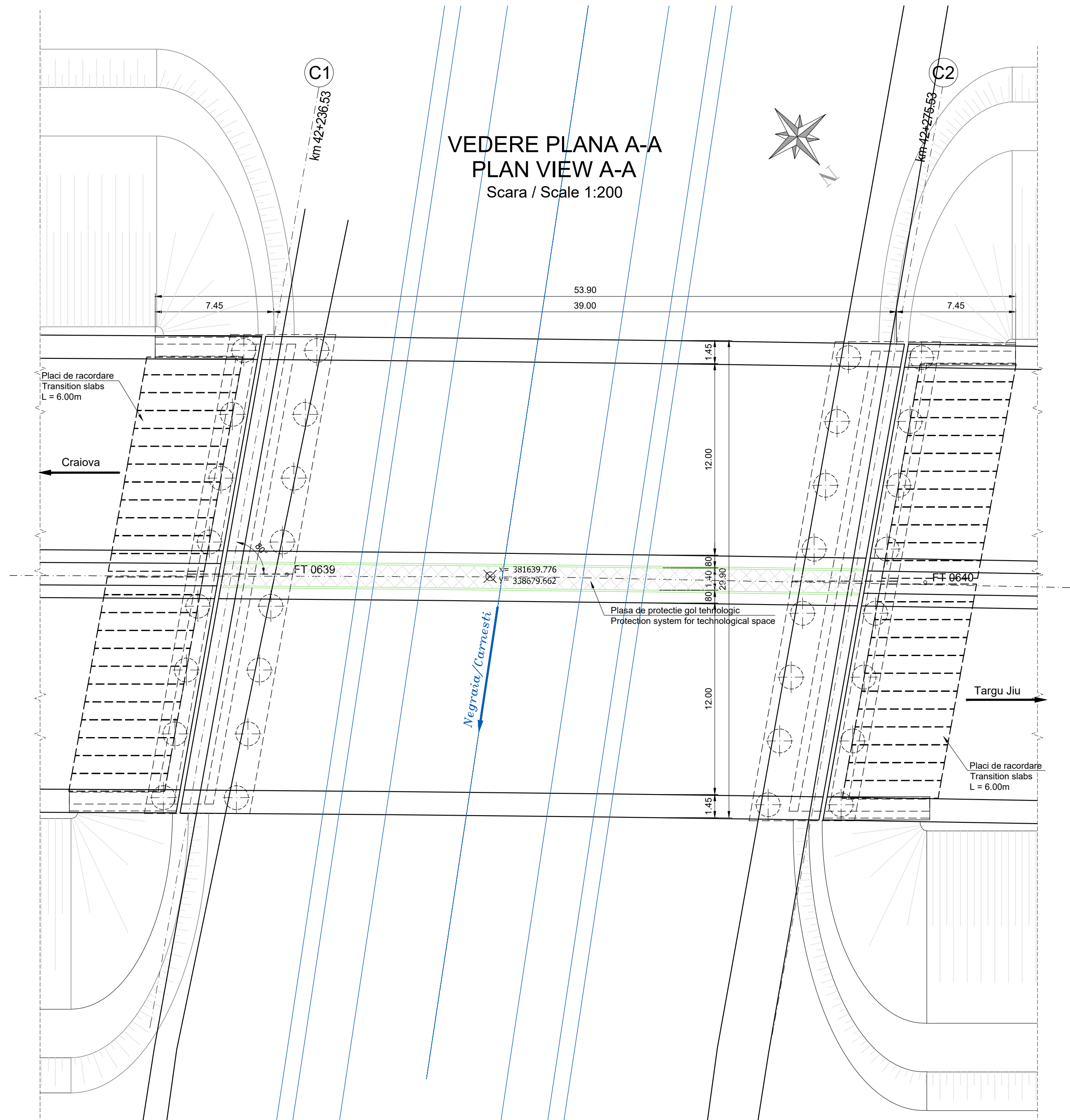
VEDERE LONGITUDINALA B-B  
LONGITUDINAL VIEW B-B

Scara / Scale 1:200



VEDERE PLANA A-A  
PLAN VIEW A-A

Scara / Scale 1:200



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
Arpi / 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 Lifespan: 120 years	Conditii de calcul LM1 - conf. SR EN 1991-2:2005 LM2 - conf. SR EN 1991-2:2005	Importanta de calcul: "B" Importance category: "B"
Grad de seismicitate: 7°, conf. SR 11100/1-93 a <sub>s</sub> =0.20g, T <sub>c</sub> =0.7s acc. P100-1:2013	Exigente de verificare faza PT: A4, B2, D A1	Exigente de verificare faza PT: A4, B2, D A1

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:  
• Rezentarea profilului de Autostrada / Drum Express / drum este informativa. Profilele transversale se vor regasi 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: ASOCIEREA / DESIGNER ASSOCIATION: SEARCH CORPORATION

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

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

DISPOZITIE GENERALA / GENERAL LAYOUT

Pod pe Autostrada km 42+235 peste Paraul Negraia/Carnesti / Bridge on Motorway PK 42+235 over Negraia/Carnesti Stream

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

INGINER PROIECTANT DE PODOURI / BRIDGE DESIGN ENGINEER: G. PERICOLU

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

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

VERIFICAT INTERN / INTERNAL CHECKER: A. PRODAN

Contract nr. / Contract no.: 22/22579

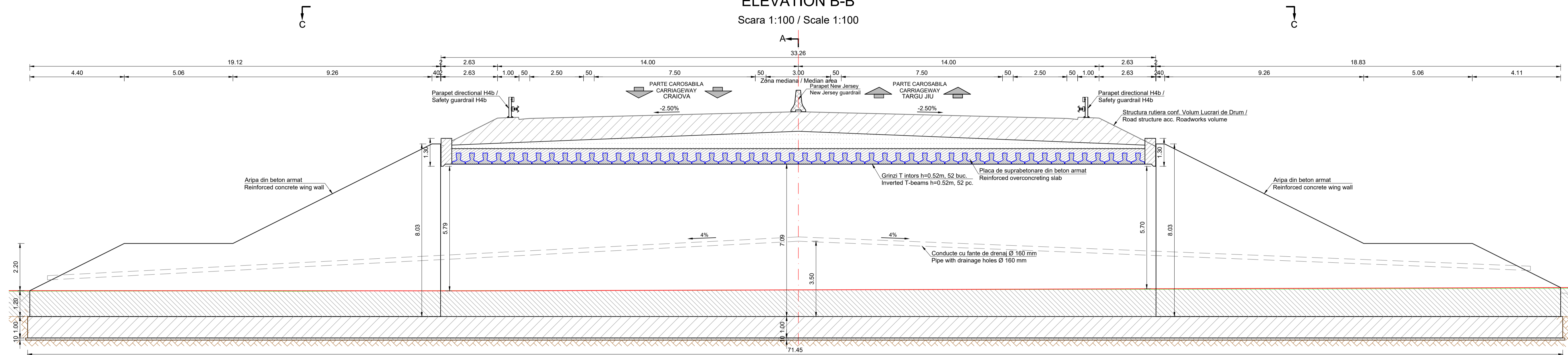
Data / Date: 10/2023

Scale: 1:200 / 1:100

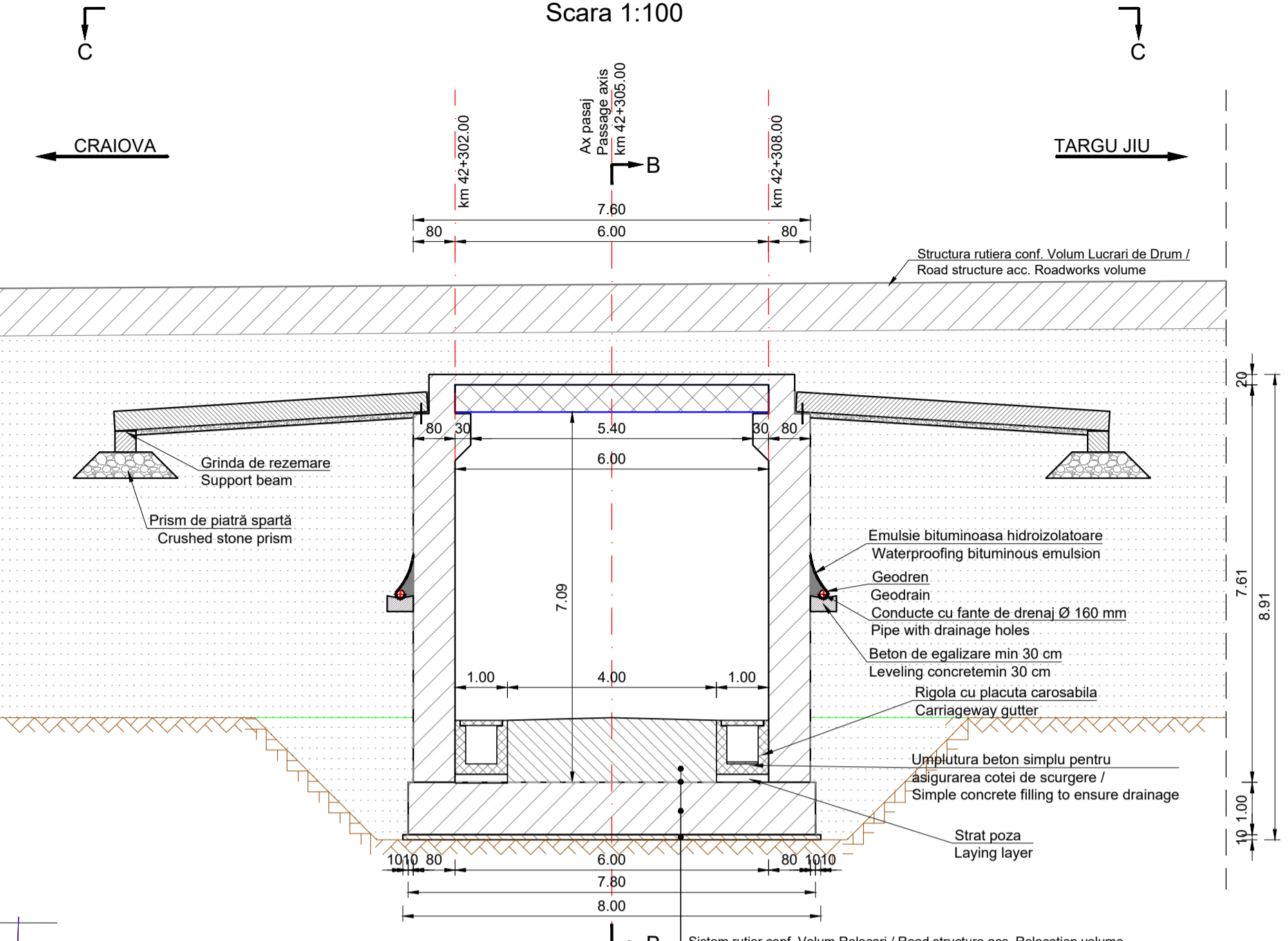
Drawing number: 22/22579-01-SP-3.A.3.DOC-2.14-000



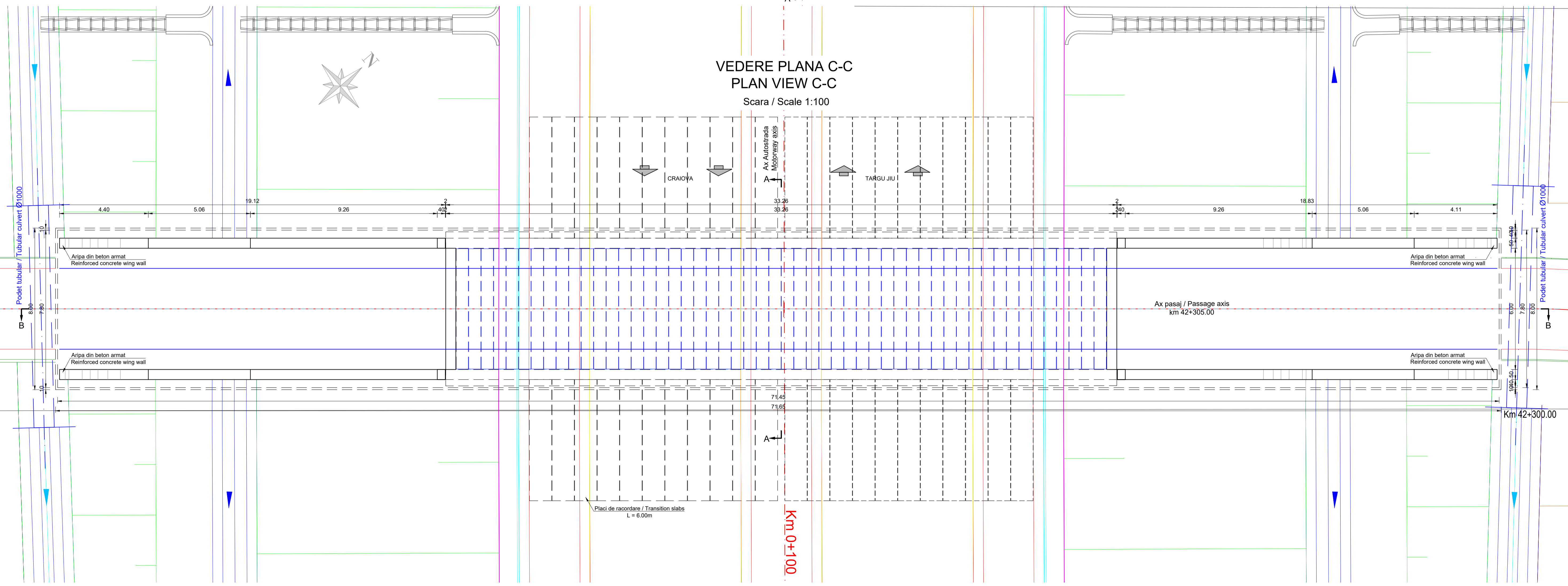
ELEVATIE B-B  
ELEVATION B-B  
Scara 1:100 / Scale 1:100



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



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



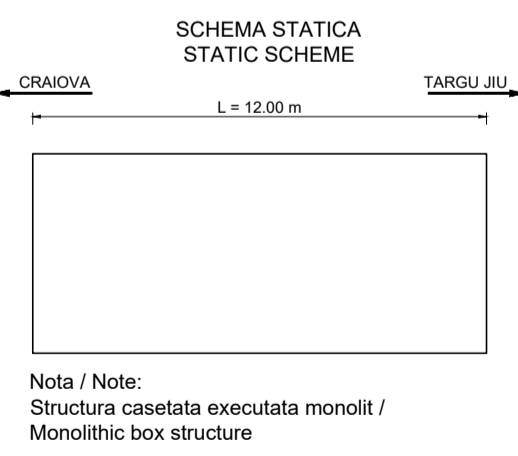
- Reprezentarea profilului de Autostrada / Drum Expres / drum este informativa. Profilele transversale tip se regasesc in volumul de Lucrari de Drum.
- Eventuale imbunatatiri ale terenului de fundare se vor executa conform recomandarilor Studiului Geotehnic.
- Representation of the profile for Motorway / 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.

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

PROIECTANT ASOCIEREA / DESIGNER ASSOCIATION:  
egis SEARCH CORPORATION S.R.L.

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 / 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
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  
Categorii de importanta: "B"  
Grad de seismicitate:  
T<sub>1</sub>, acc. SR 11100/1-93  
a<sub>s</sub>=0.20g, T<sub>c</sub>=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:  
T<sub>1</sub>, acc. SR 11100/1-93  
a<sub>s</sub>=0.20g, T<sub>c</sub>=0.7s acc. P100-1:2013  
Quality requirements for TP phase: A4, B2, D  
At

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

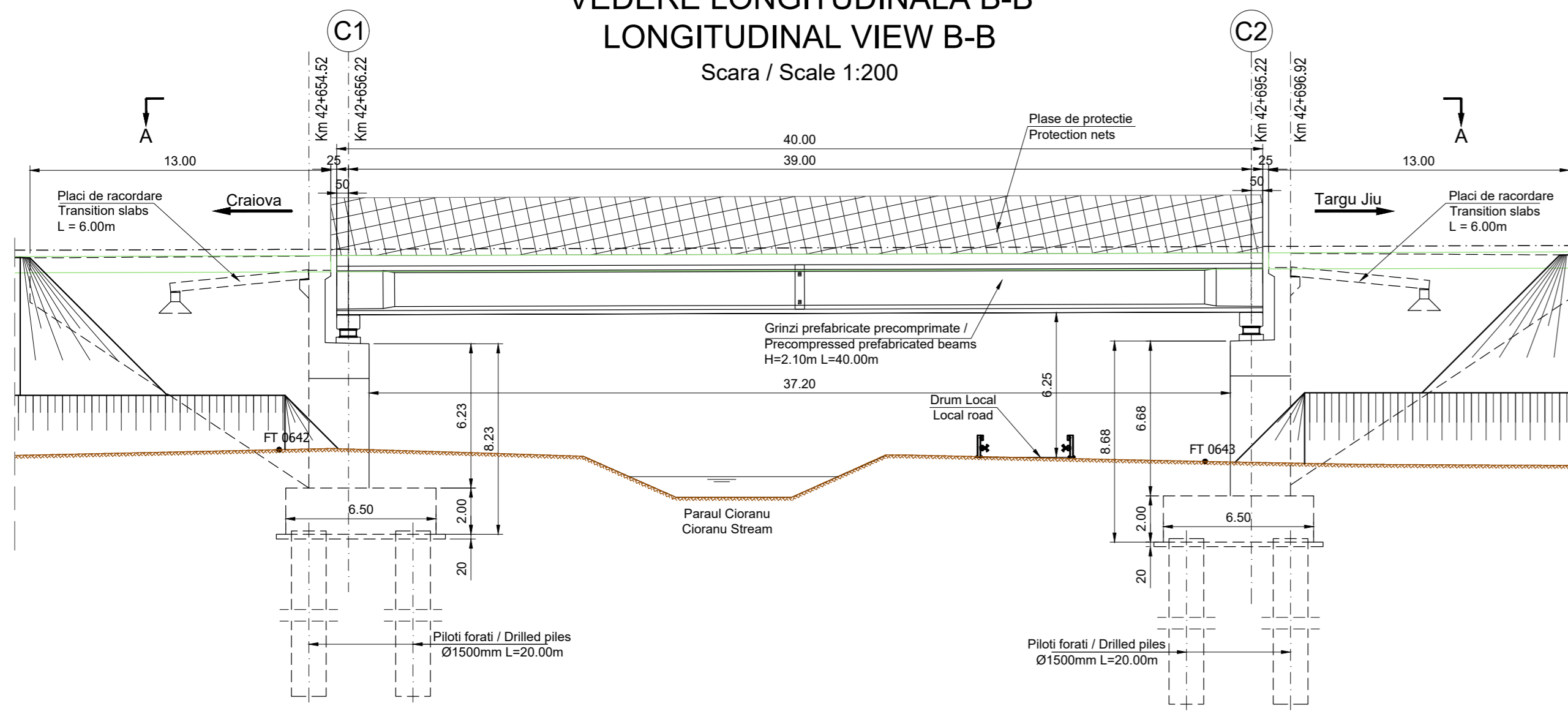
VERIFICAT INTERN / INTERNAL CHECKER: A. PRODAN

Contract nr. / Contract no.: 92/22579  
Data: / Date: 10/2023  
Cant. desen: / Drawing number: 2579-01-TP-PA-3.300-2-15-000



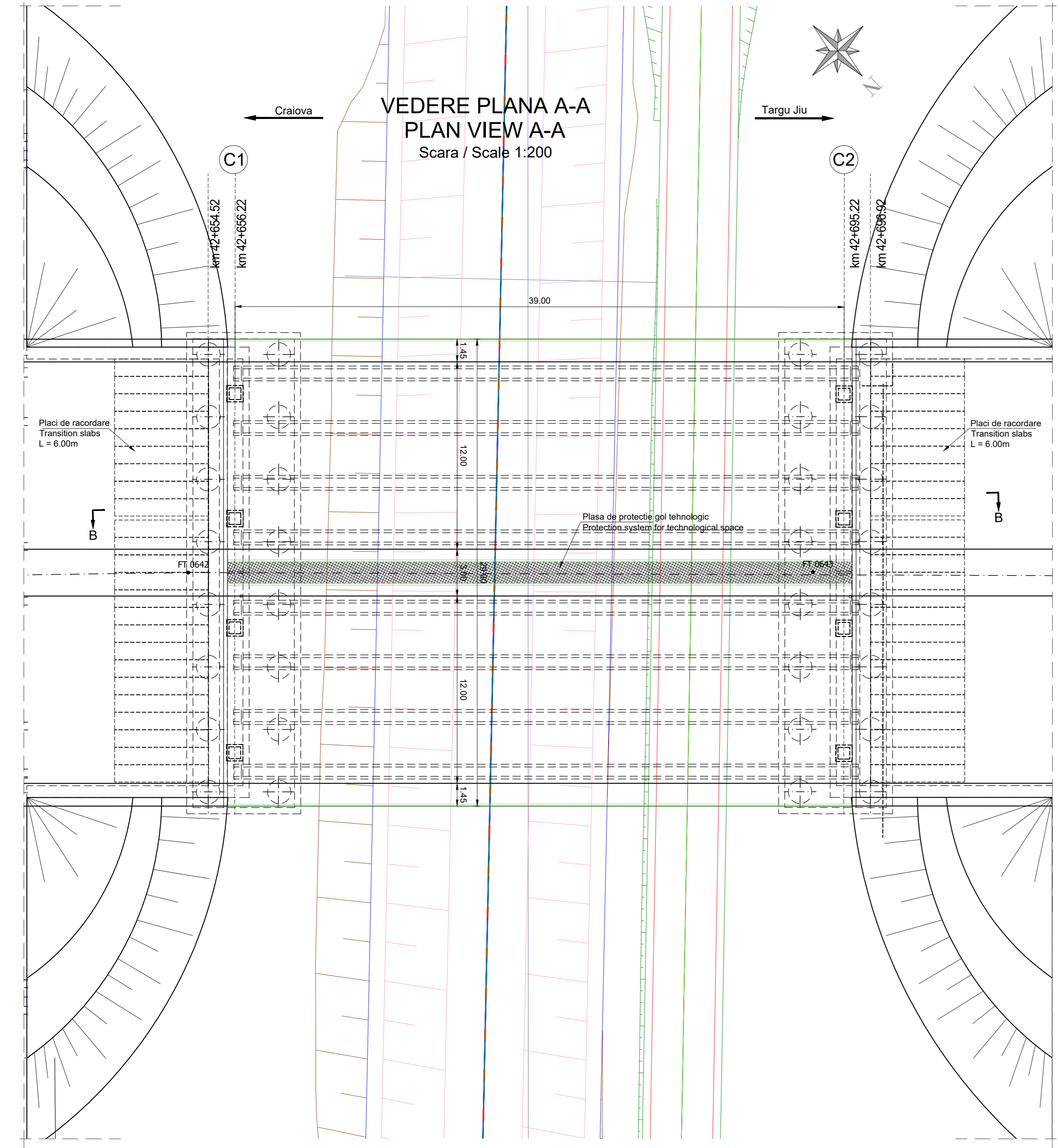
VEDERE LONGITUDINALA B-B  
LONGITUDINAL VIEW B-B

Scara / Scale 1:200



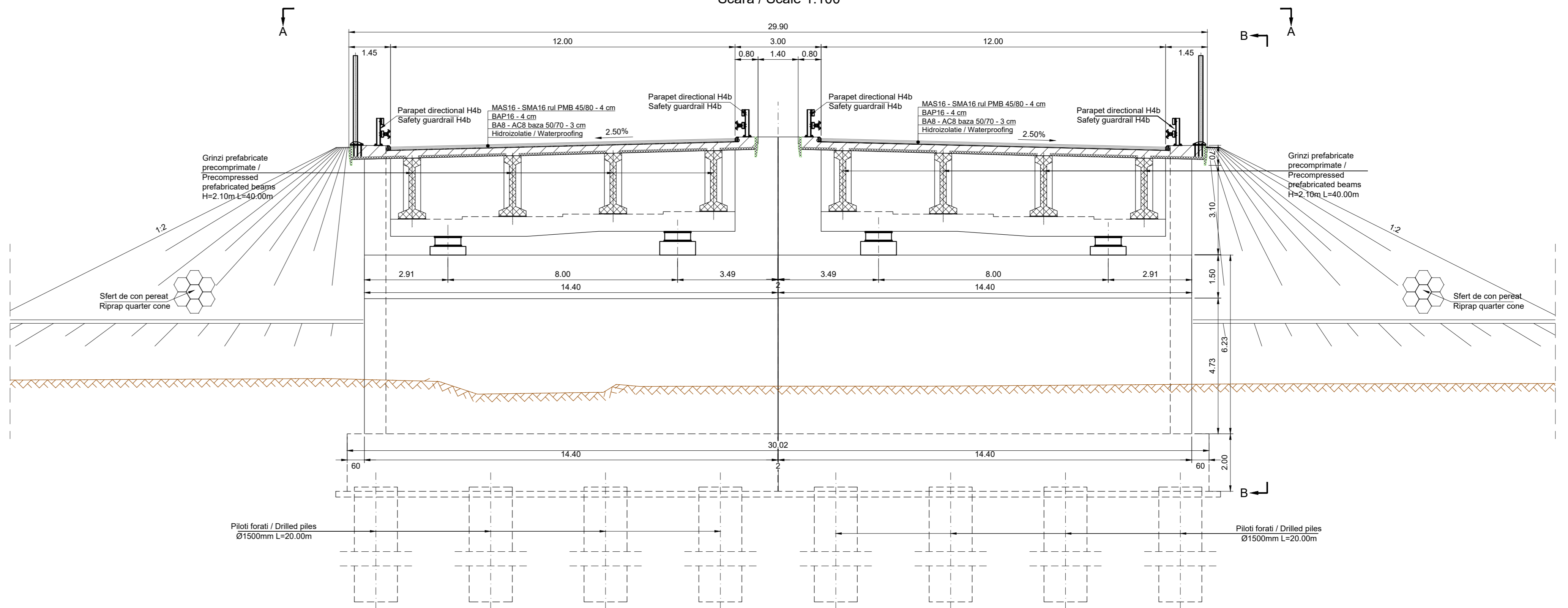
VEDERE PLANA A-A  
PLAN VIEW A-A

Scara / Scale 1:200



SECTIUNE TRANSVERSALA CULEE C1  
CROSS SECTION ABUTMENT C1

Scara / Scale 1:100

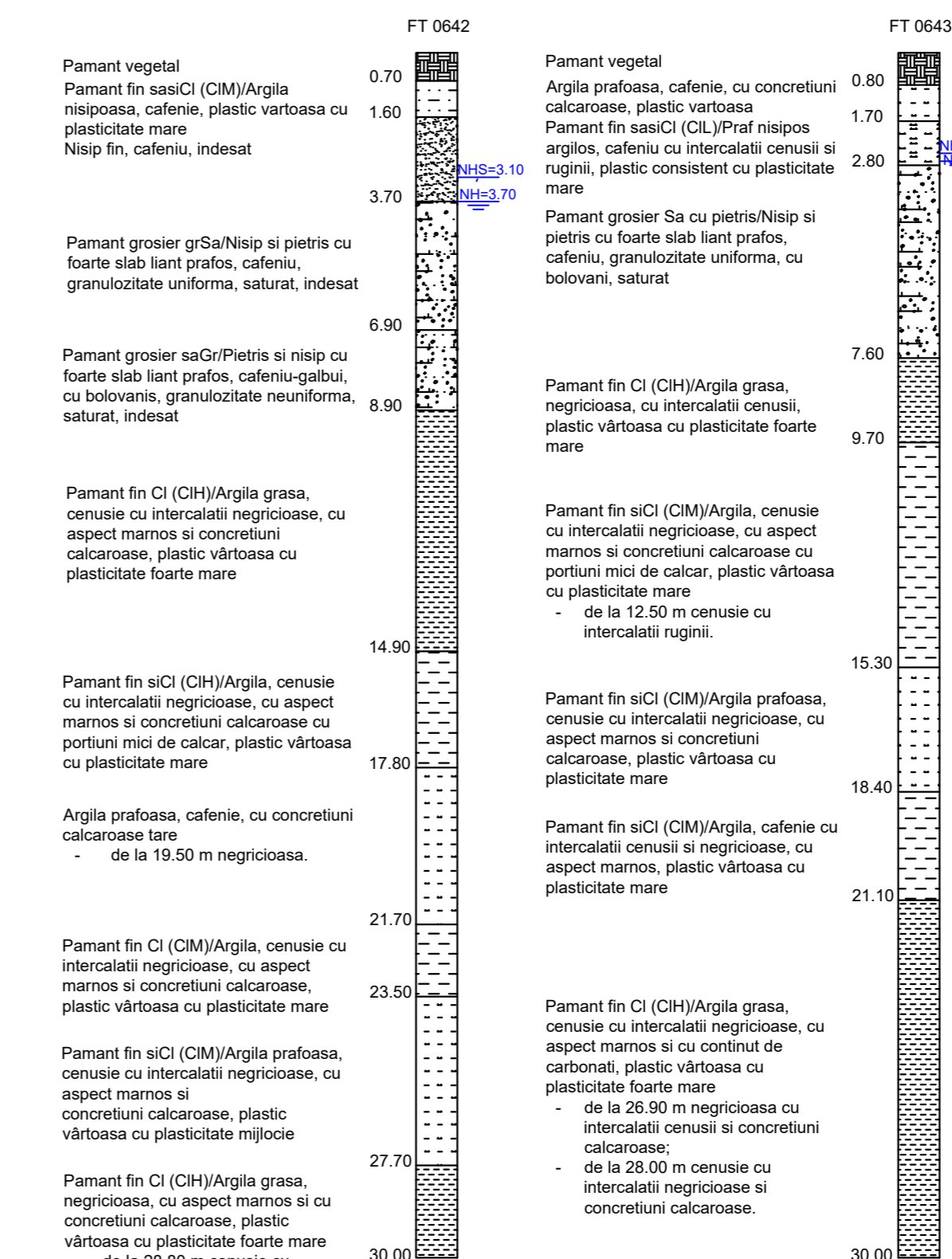


SCHEMA STATICA  
STATIC SCHEME

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

Craiova Targu Jiu

C1 39.00 C2



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
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
Peruu / Riprap	C30/37	XC4 XF2
Fundatii peruu / Riprap foundations	C30/37	XC4
Arpi / 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 Loading convoys LM1 - conf. SR EN 1991-2:2005 LM2 - conf. SR EN 1991-2:2005 Categorie de importanta: "B" Grad de seismicitate: 71, acc. SR 111001-93 a <sub>0</sub> =0.20g, Tc=0.7s conf. P100-1:2013 Exigente de verificare faza PT: A4, B2, D Af	Lifespan: 120 years 71, acc. SR 111001-93 a <sub>0</sub> =0.20g, Tc=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 / road 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

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

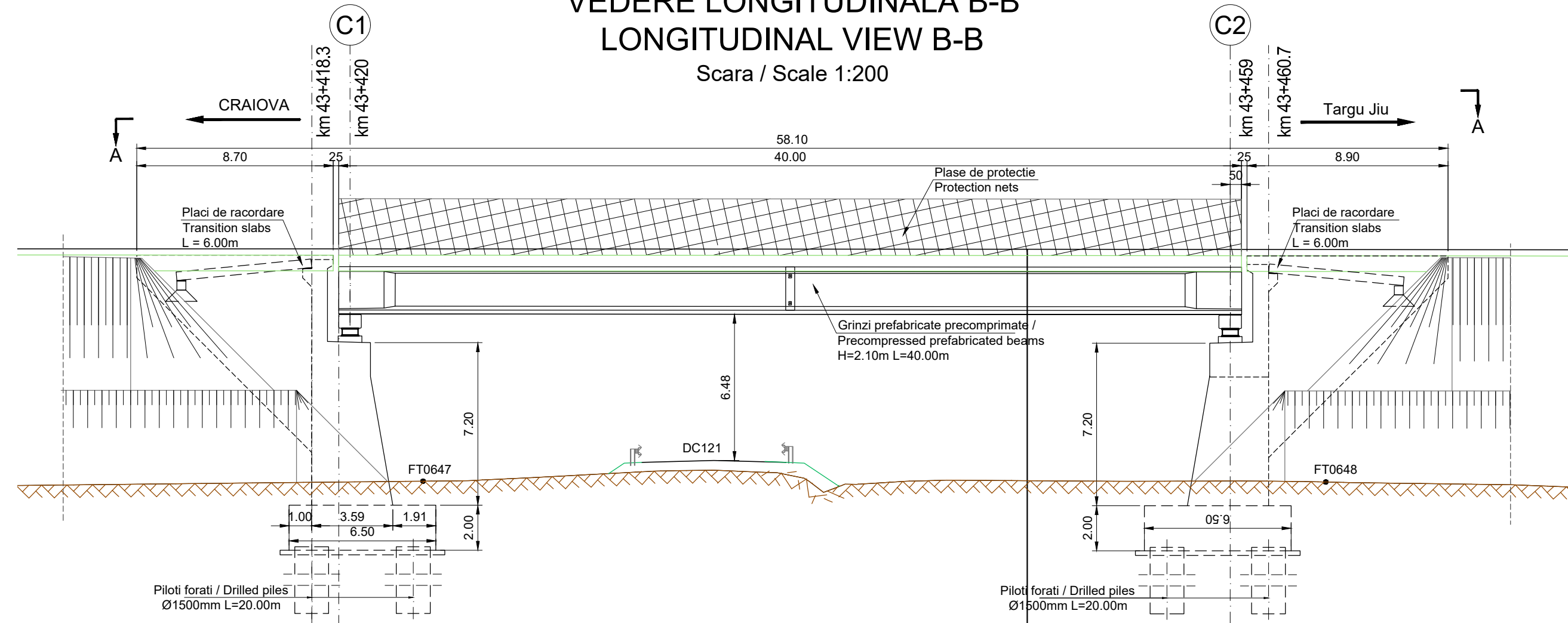
DISPOZITIE GENERALA  
GENERAL LAYOUT  
Pod pe Autostrada  
km 42+655 peste  
Paraulu Cioranu si Drum local /  
Bridge on Motorway  
pk 42+655 over  
Cioranu Stream and Local road

COORDONATOR ADJUNCT DE PROIECT / PROJECT COORDINATOR DEPUTY: R. THADANI  
INGINER PROIECTANT DE PODURI / BRIDGE DESIGN ENGINEER: G. PERICOLU  
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. / Contract no.: 92/22579  
Data: / Date: 10/2023  
Cnd desen: / Drawing number: 22579-C11-SP-SUA-3.3.00-2-16-000



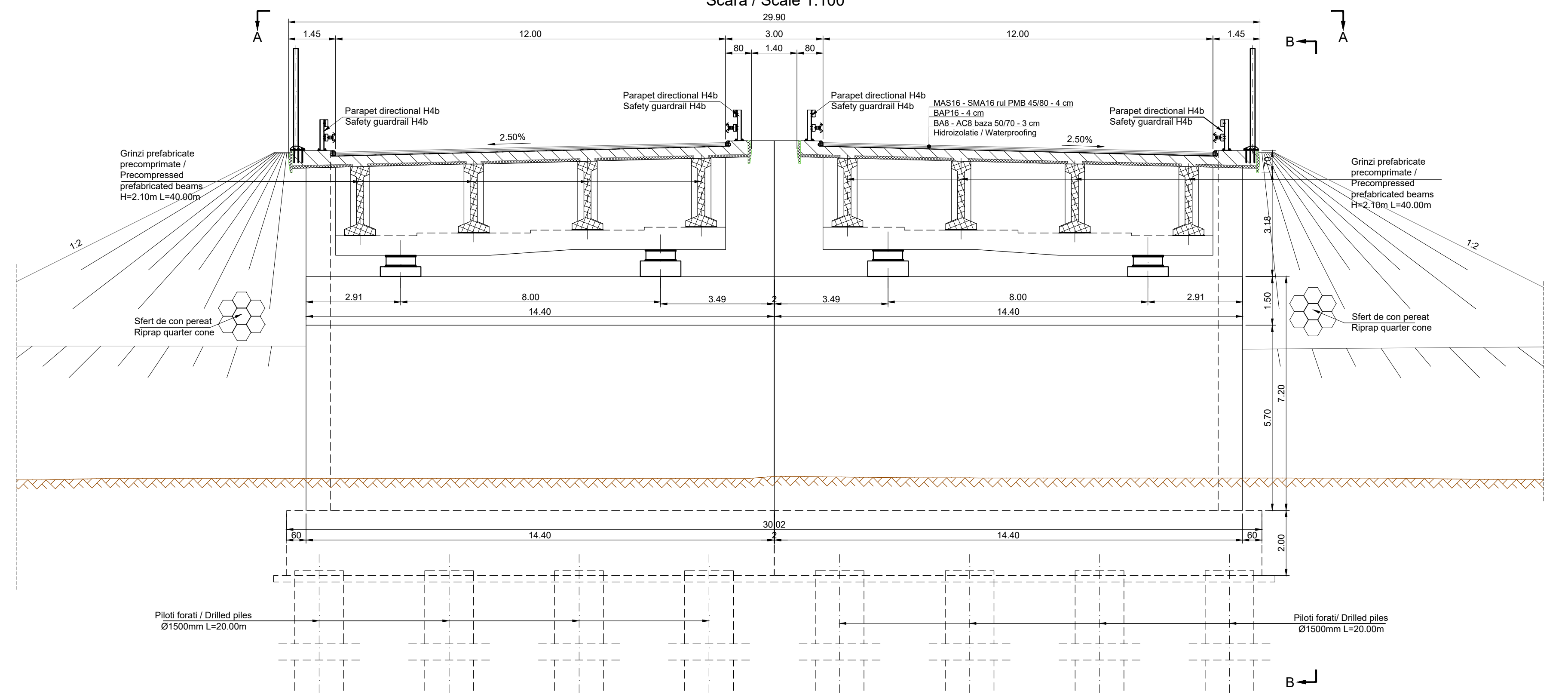
VEDERE LONGITUDINALA B-B  
LONGITUDINAL VIEW B-B

Scara / Scale 1:200



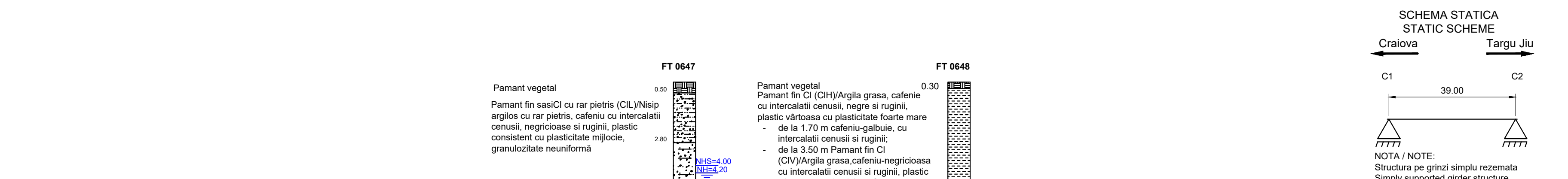
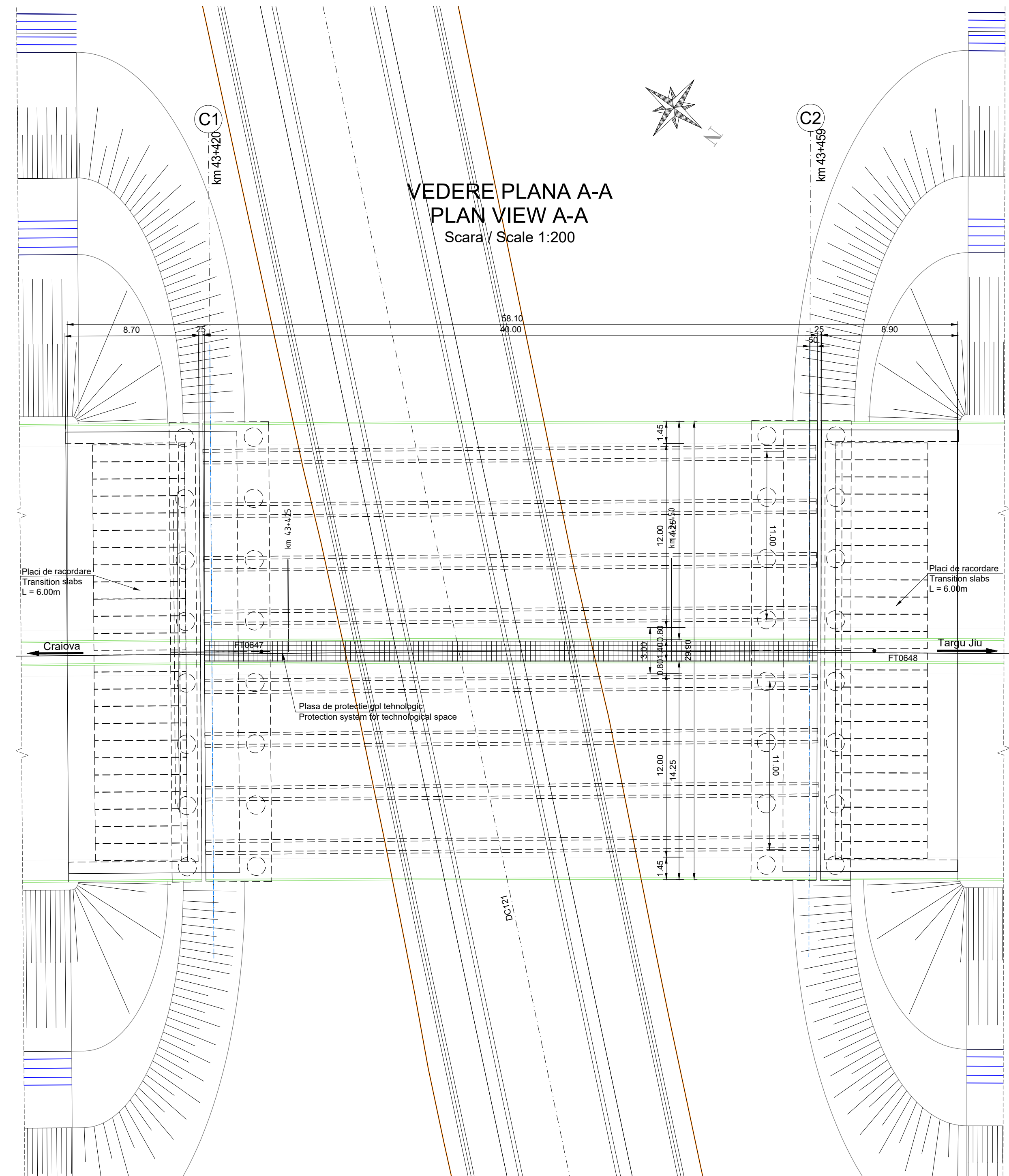
SECTIUNE TRANSVERSALA CULEE C1  
CROSS SECTION ABUTMENT C1

Scara / Scale 1:100



VEDERE PLANA A-A  
PLAN VIEW A-A

Scara / Scale 1:200



SCHEMA STATICA  
STATIC SCHEME

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
Pereti / 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
Predale / Prestabs	C35/45	XC3 XF1 XF3

FT 0647

Pământ vegetal	0.30
Pământ fin CI (CH)Argila grasă, cenușie cu intercalatii cenuse, negre și ruginii, plastic vârtosă cu plasticitate foarte mare	2.80
Pământ grosier saGr/Pietris și nisip cu foarte slab liant prafos, cenușiu, granulozitate neuniformă, puțin umed, indeseat, cu bolovanis	5.60
Argila marnoasă, cenușie cu intercalatii negricioase și concrețiuni calcaroase, cu porțiuni mici de calcar tare.	9.40
Pământ fin saCI (CI)Prăf argilos, plastic vârtos cu plasticitate mijlocie, cu lentile de nisip prafos și concrețiuni calcaroase	13.40
Pământ fin saCI (CI)M)Argila, negricioasă cu intercalatii cenuse și fragmente de scoici cu concrețiuni calcaroase, plastic vârtosă și plasticitate mare	14.80
Pământ fin saCI (CI)Nisip prafos, cenușiu, granulozitate neuniformă, saturat, indeseat	17.90
Pământ fin CI (CH)Argila grasă, cenușie cu intercalatii negricioase și concrețiuni calcaroase, cu aspect marnos, plastic vârtosă cu plasticitate foarte mare	18.60
Pământ fin saCI (CI)Nisip prafos, cenușiu, granulozitate neuniformă, indeseat	22.80
Pământ fin CI (CH)Argila grasă, cenușie cu intercalatii negricioase, cu aspect marnos și continut de calcar degradat, plastic vârtosă cu plasticitate foarte mare	25.30

Durata de viata: 120 ani  
Convulsie 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  
a<sub>0</sub>=0.20g, T<sub>cd</sub>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<sub>0</sub>=0.20g, T<sub>cd</sub>0.7s acc. P100-1:2013  
Quality requirements for TP phase: A4, B2, D Af

Conform recomandarilor Studiului Geotehnic structura este fundamentata indirect pe piloti forati. Diametrul și 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 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 / DESIGNER ASSOCIATION: EGIS ROAMANA SA / SEARCH CORPORATION SRL

ELABORARE STUDIUL DE FEZABILITATE SI PROIECTARE TEHNICA 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, VADUCTE SI PASAJE / BRIDGES, VIADUCTS AND PASSAGES WORKS

DISPOZITIE GENERALA / GENERAL LAYOUT  
Pasaie pe Autostrada  
km 43+418 peste DC121 / str. Jiului / Passage on Motorway  
pk 43+418 over DC121 / Jiului street

COORDONATOR ADJUNCT DE PROIECT / COORDINATOR DEPUTY: R. THADANI

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

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

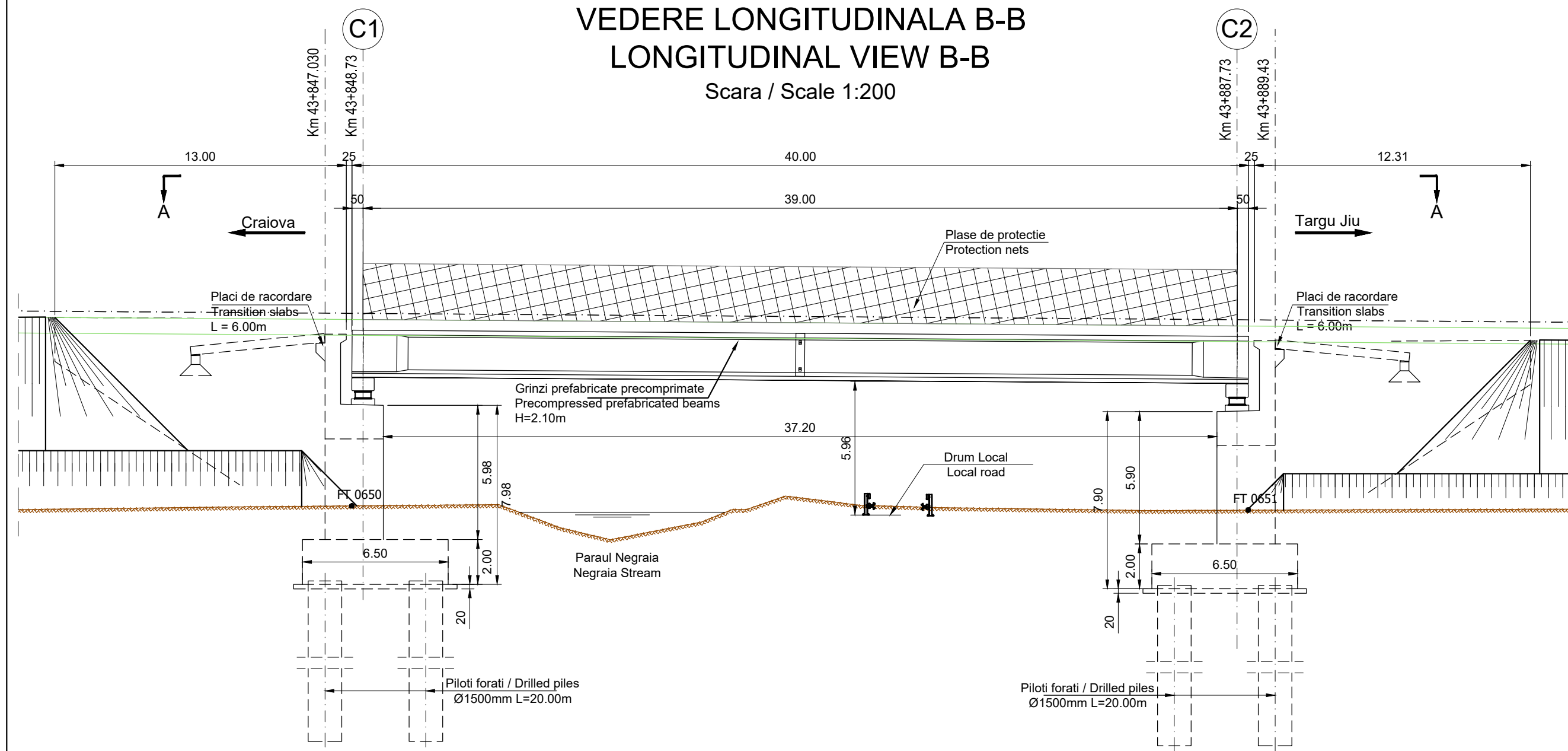
INGINER PROIECTANT DE PODURI / BRIDGE DESIGN ENGINEER: M. ANDREI

VERIFICAT INTERN / INTERNAL CHECKER: A. PRODAN

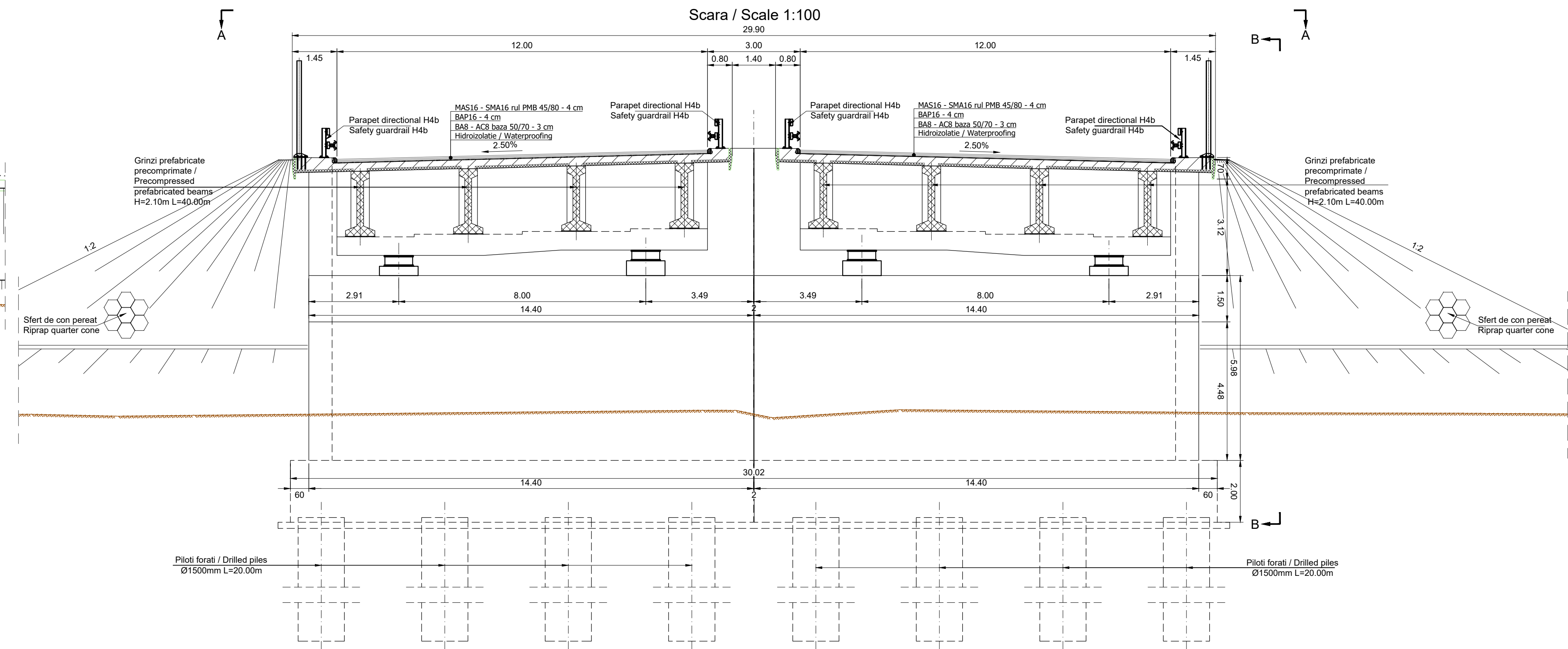
Contract nr. 92/2579 / Revision nr. 0  
Data: 10/2023 / Scara: 1/200 / 1:100  
CUI: 2579-CUI-97-S.L.A.3.DC-2-17-000 / Drawing number:



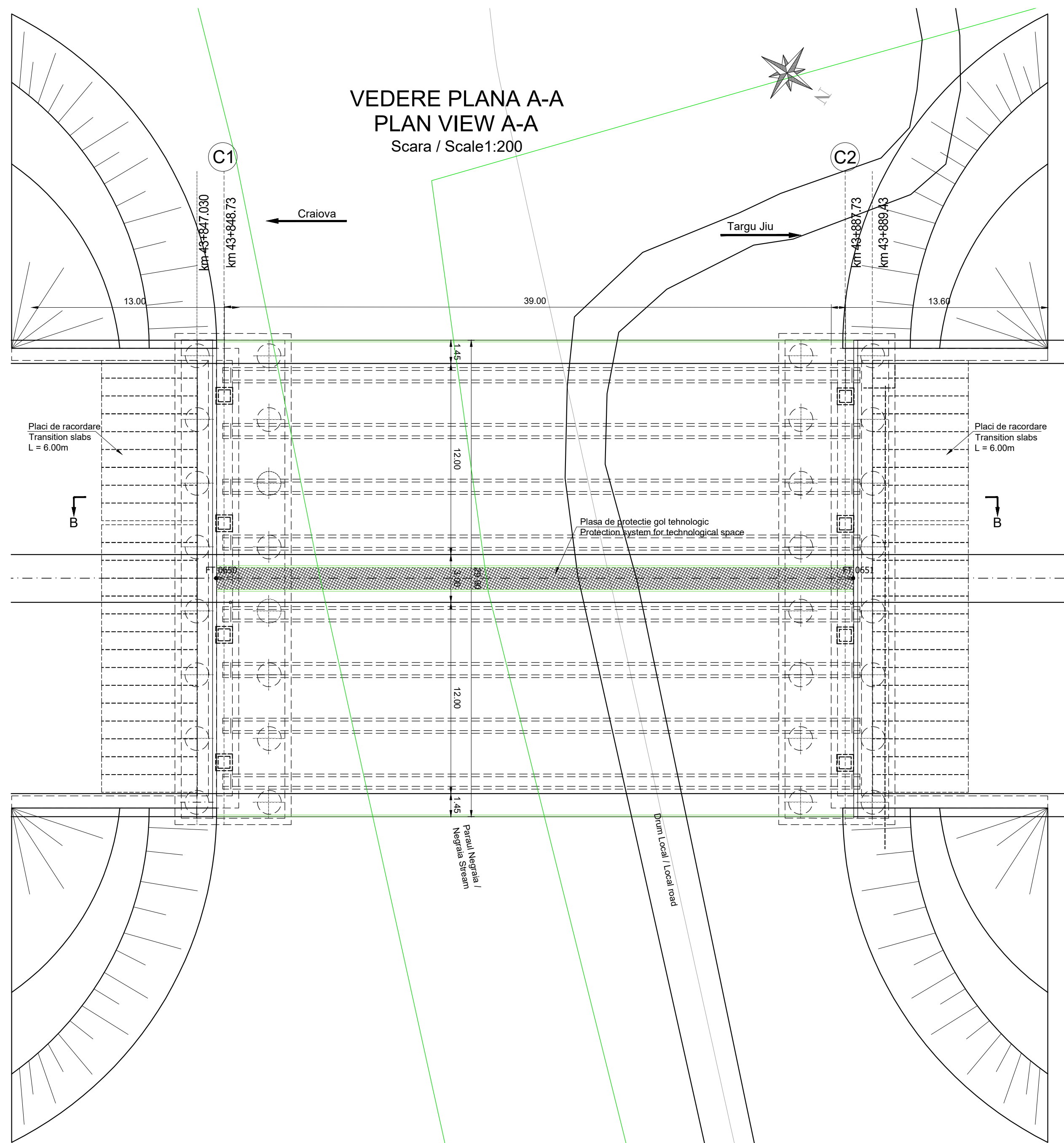
**VEDERE LONGITUDINALA B-B  
LONGITUDINAL VIEW B-B**  
Scara / Scale 1:200



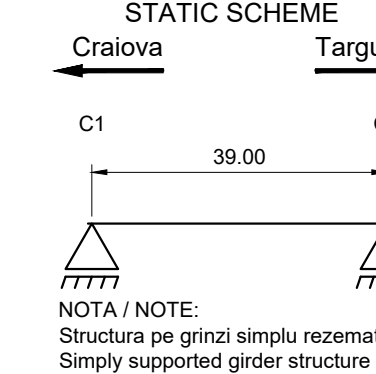
**SECTIUNE TRANSVERSALA CULEE C1  
CROSS SECTION ABUTMENT C1**  
Scara / Scale 1:100



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

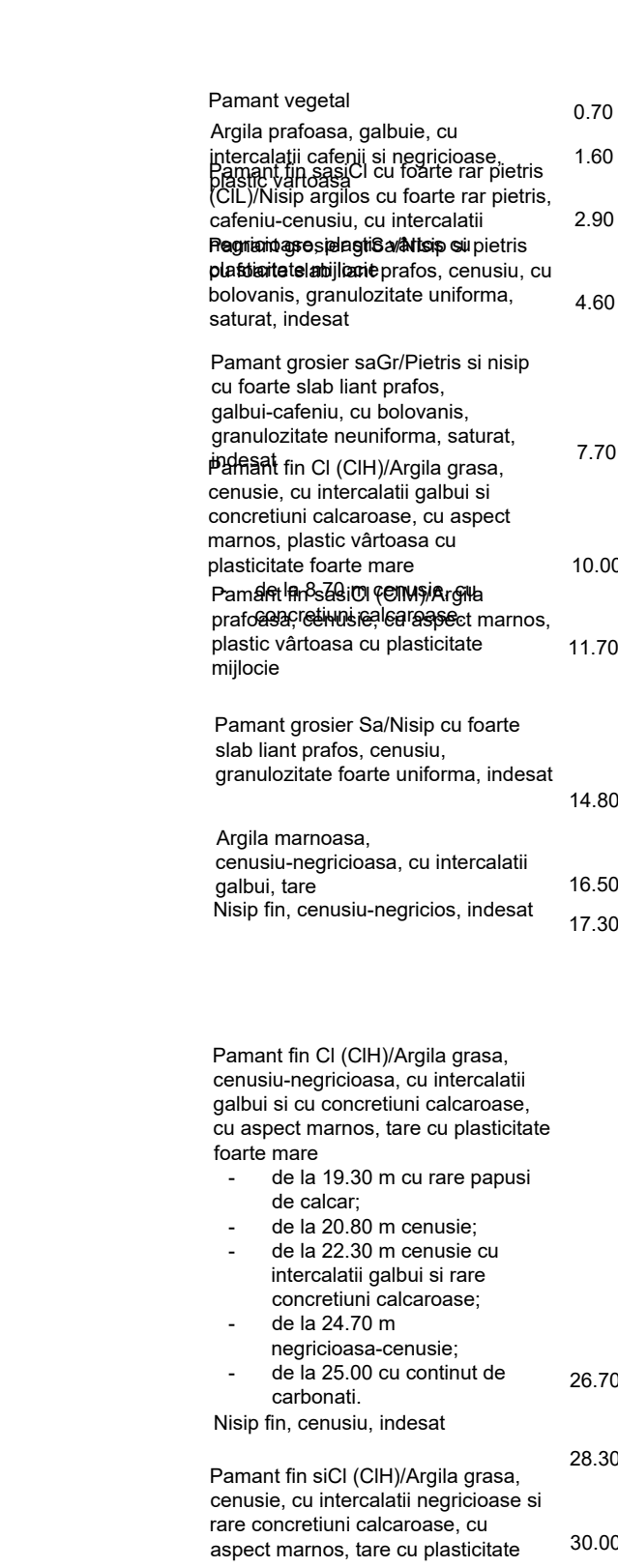
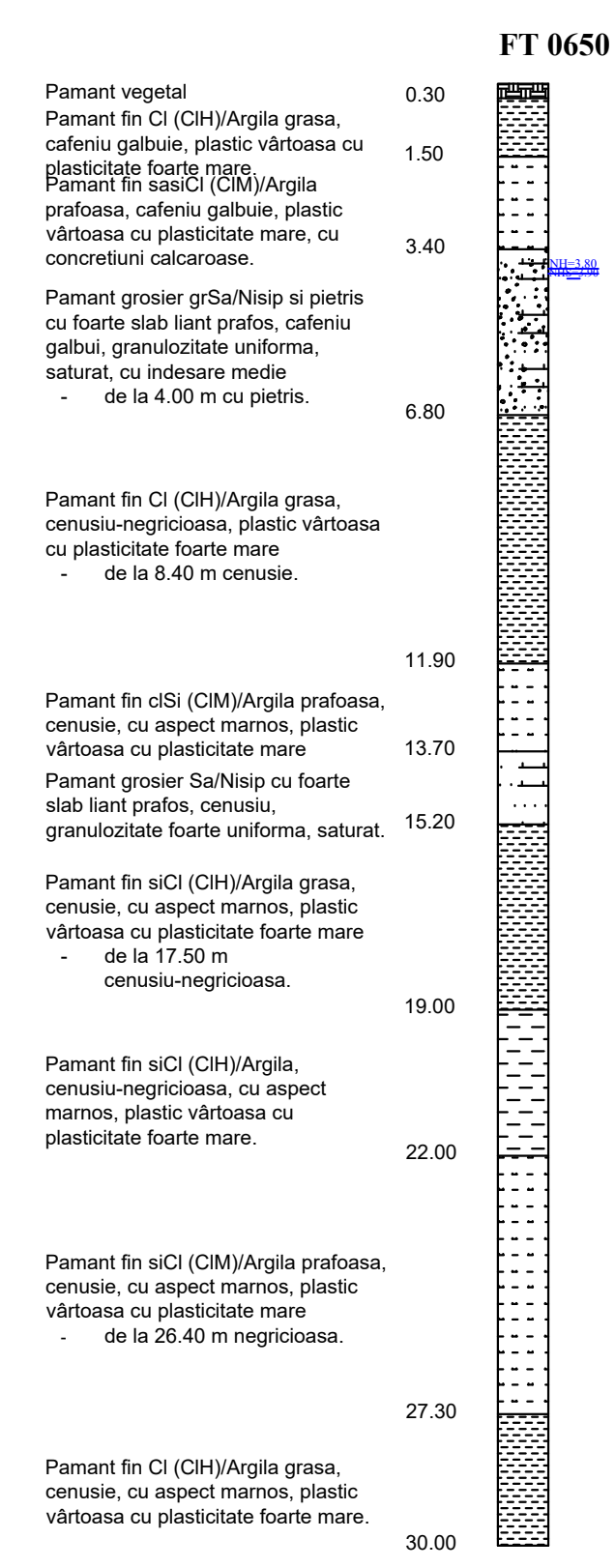


**SCHEMA STATICA  
STATIC SCHEME**



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	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 supraprelinare / Overconcreting slab	C35/45	XC1 XD3
Antretoaze / Cross beams	C35/45	XC1 XD3
Pereti / 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 / 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  
Categorie de importanta: "B"  
Grad de seismicitate:  
"7": conf. SR 11100/1-93  
a<sub>s</sub>=0.20g, T<sub>c</sub>=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<sub>s</sub>=0.20g, T<sub>c</sub>=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 / ASOCIAREA DE INGINERI: egis SEARCH CORPORATION  
EGIS ROMANIA SA CORPORATION

ELABORARE STUDIULUI 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 PUNERI, VADUCITE SI PASAJE BRIDGES, VADUCTS AND PASSAGES WORKS

DISPOZITIE GENERALA GENERAL LAYOUT  
Pod pe Autostrada km 43+847 peste Paraul Negraia si Drum local / Bridge on Motorway pk 43+847 over Negraia Stream and Local road

COORDONATOR ADJUNCT DE PROIECT: R. THADANI  
PROIECTANT DE PUNERI: G. PERICOLU  
COORDONATOR DEPUZI: G. BARONCEA  
INGINER PROIECTANT DE PUNERI: M. ANDREI  
INGINER PROIECTANT DE PUNERI: A. PRODAN

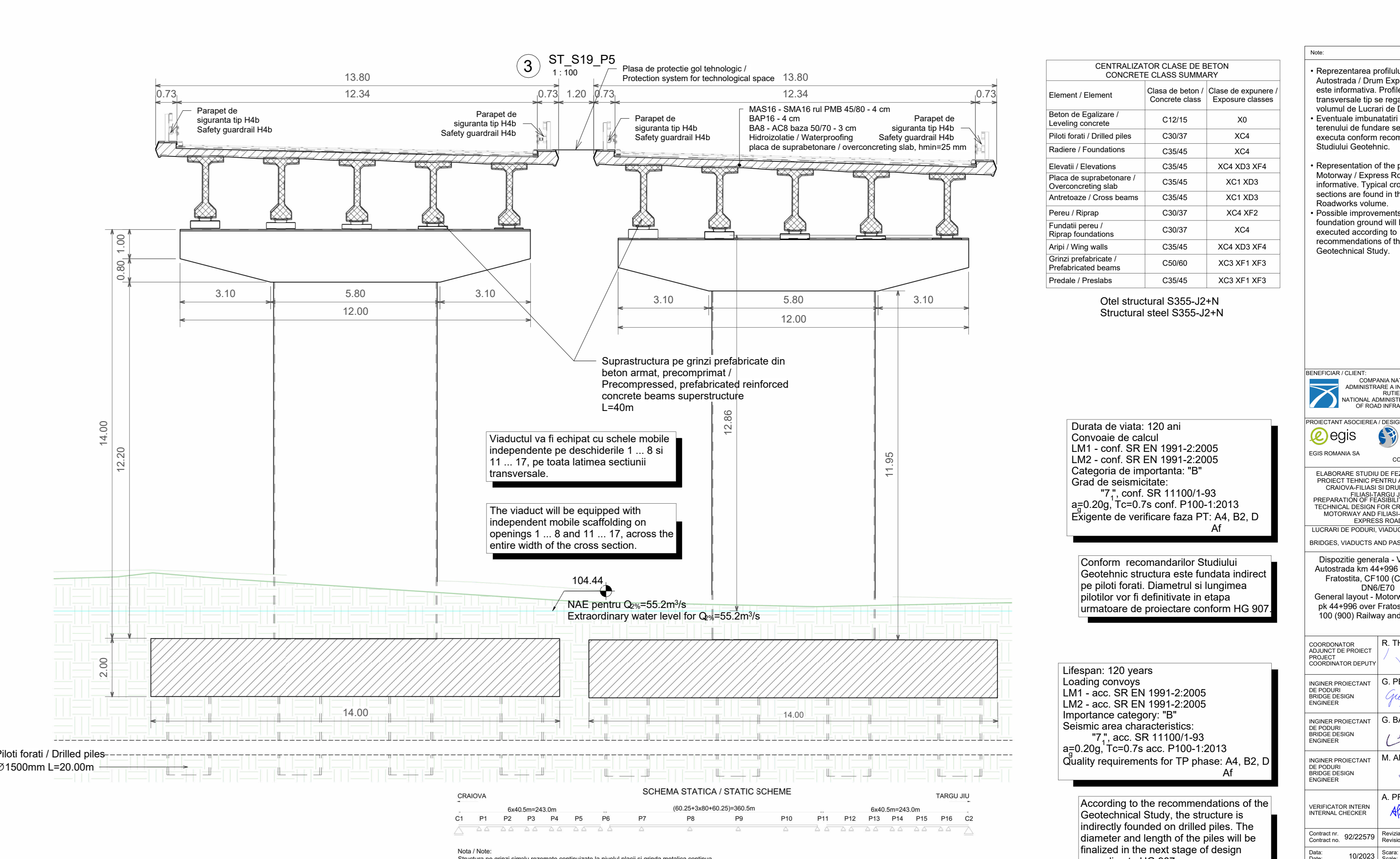
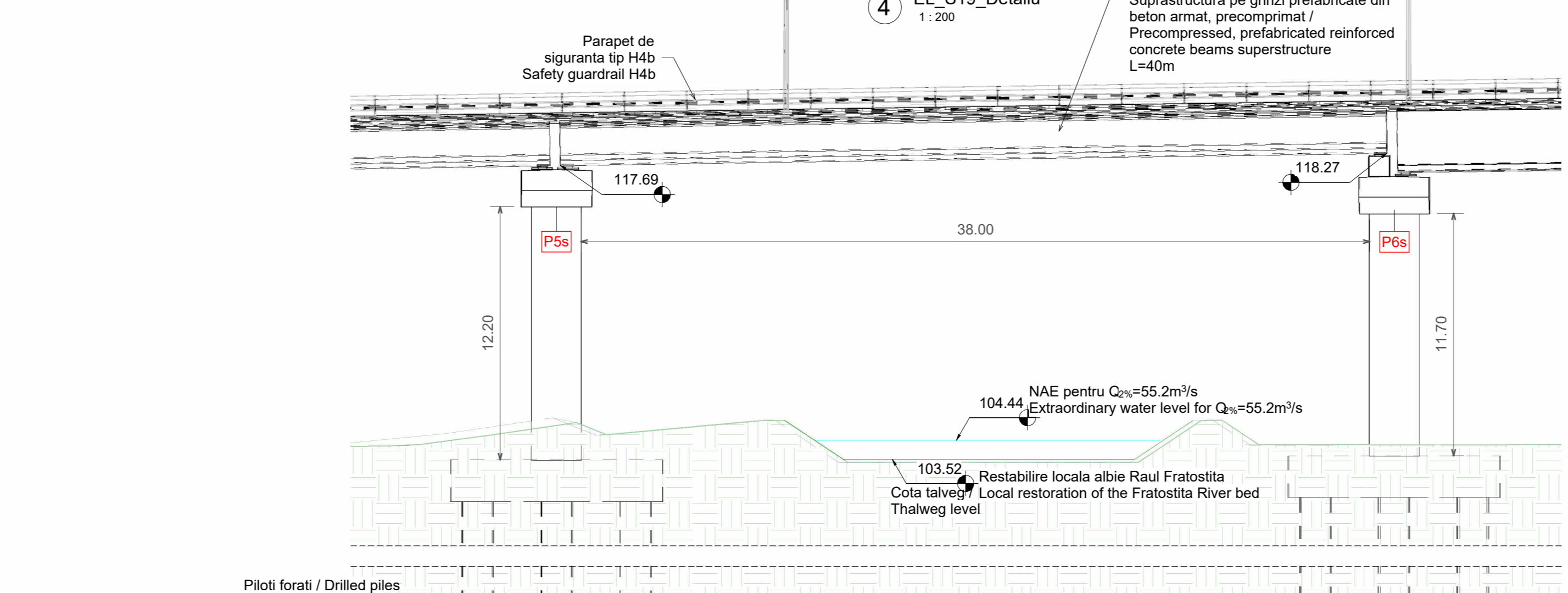
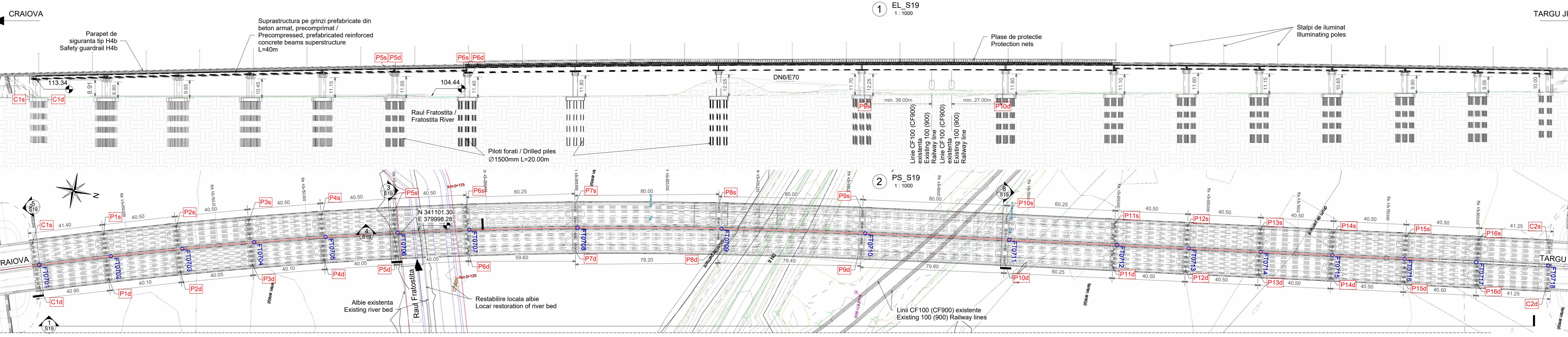
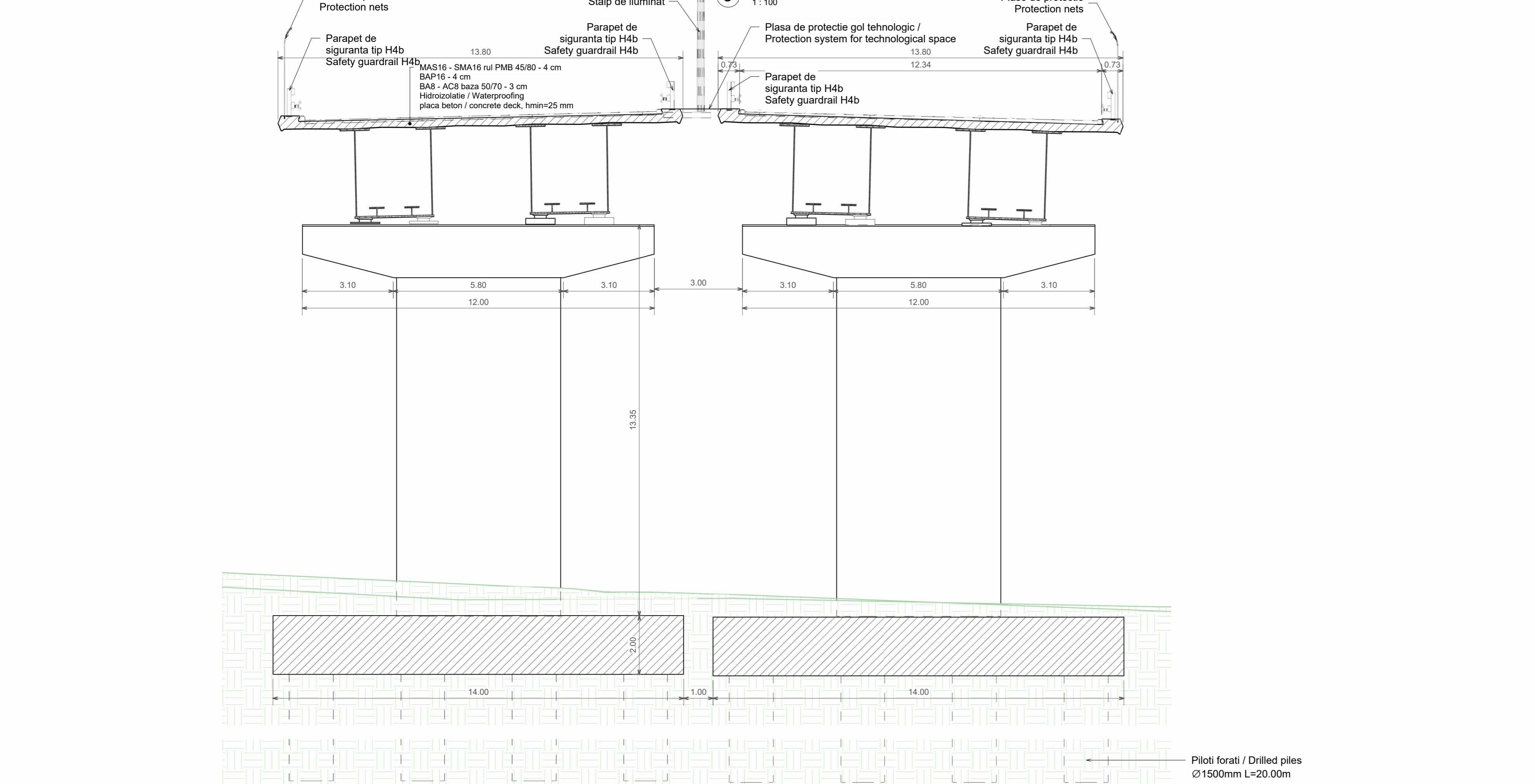
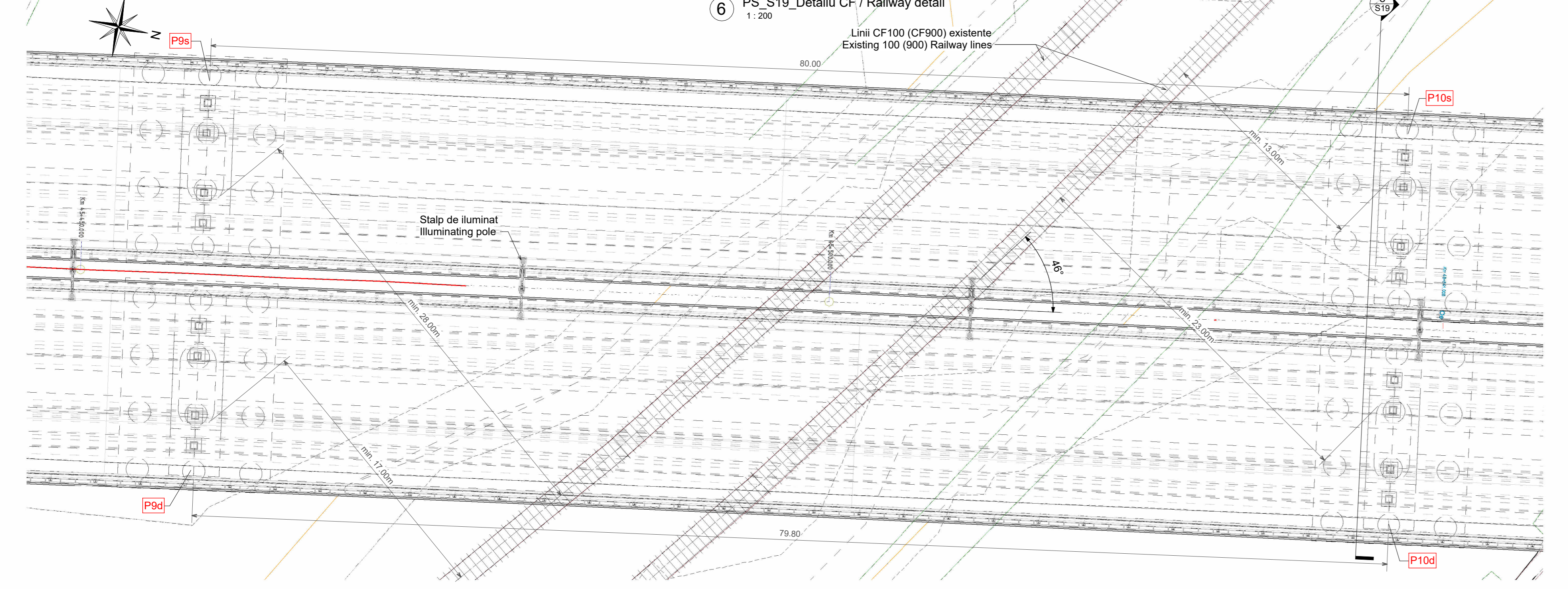
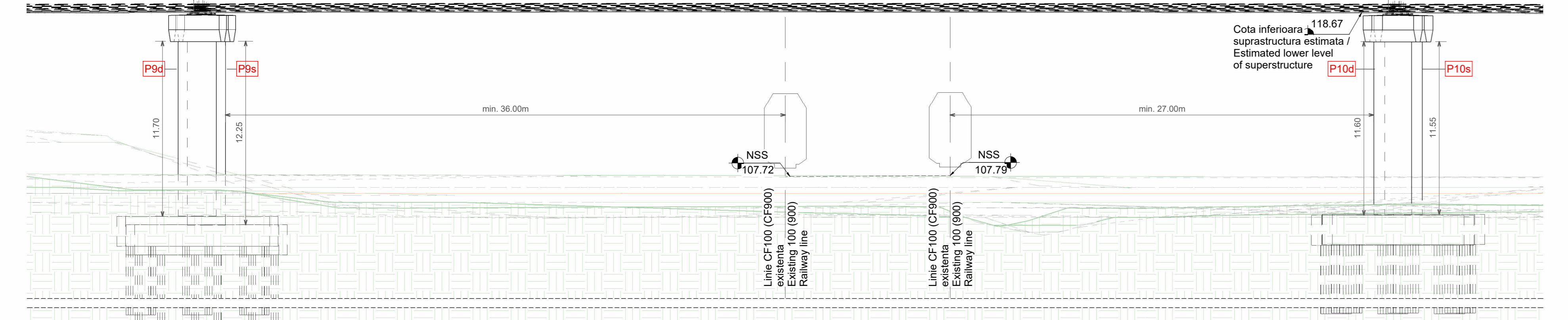
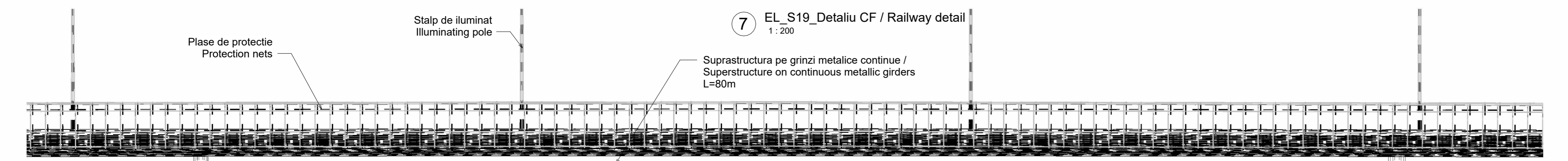
VERIFICAT INTERN INTERNAL CHECKER: A. PRODAN

Contract nr. 9022576  
Data: 10/2023  
Coord. desen: 2279-C7JAF-3.LA.3.300-SL-18-R00

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



FT 0701	FT 0702	FT 0703	FT 0704	FT 0705	FT 0706	FT 0707	FT 0708	FT 0709	FT 0710	FT 0711	FT 0712	FT 0713	FT 0714	FT 0715	FT 0716	FT 0717	FT 0718
Parametrii de proiectare	Parametrii de proiectare	Parametrii de proiectare	Parametrii de proiectare	Parametrii de proiectare	Parametrii de proiectare	Parametrii de proiectare	Parametrii de proiectare	Parametrii de proiectare	Parametrii de proiectare	Parametrii de proiectare	Parametrii de proiectare	Parametrii de proiectare	Parametrii de proiectare	Parametrii de proiectare	Parametrii de proiectare	Parametrii de proiectare	Parametrii de proiectare
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...



CENTRALIZATOR CLASE DE BETON / CONCRETE CLASS SUMMARY

Element / Element	Clasa de beton / Concrete class	Clasa de expunere / Exposure class
Beton de Echipare / Laying concrete	C13/15	XB
Plasa forata / Drilled piles	C30/37	XCA
Elemente / Elements	C25/28	XCA
Plasa de echipare / Laying concrete	C25/28	XCA
Elemente / Elements	C25/28	XCA
Plasa forata / Drilled piles	C30/37	XCA
Elemente / Elements	C25/28	XCA
Plasa forata / Drilled piles	C30/37	XCA
Elemente / Elements	C25/28	XCA
Plasa forata / Drilled piles	C30/37	XCA
Elemente / Elements	C25/28	XCA

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

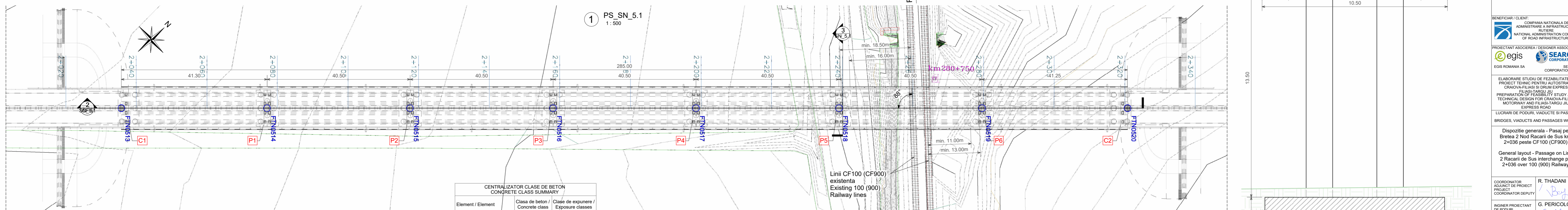
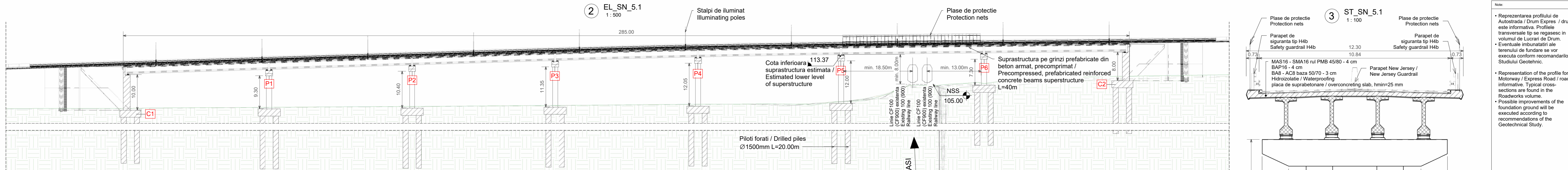
Conform recomandarilor Studiului Geotehnic, structura este fundata indirect pe piloni forati. Diametrul si lungimea pilonilor vor fi determinate in etapa urmatoare de proiectare conform HG 907.

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

Schema statica / Static scheme

Schema statica / Static scheme





**CENTRALIZATOR CLASE DE BETON / CONCRETE CLASS SUMMARY**

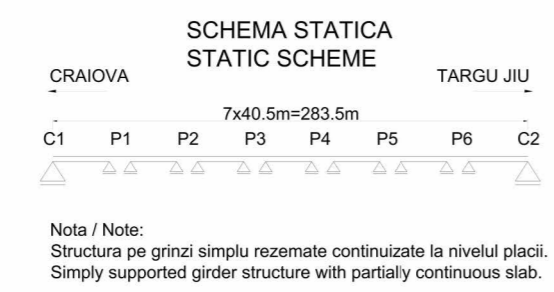
Element / Element	Clasa de beton / Concrete class	Clasa de expunere / Exposure classes
Beton de Egalizare / Leveling concrete	C12/15	X0
Piloti forati / Drilled piles	C30/37	XC4
Radiere / Foundations	C35/45	XC4
Elevatii / Elevations	C35/45	XC4 XD3 XF4
Placa de suprabetonata / Overconcreting slab	C35/45	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
Grinz prefabricate / Prefabricated beams	C50/60	XC3 XF1 XF3
Predale / Prestabs	C35/45	XC3 XF1 XF3

Pasajul va fi echipat cu schele mobile independente pe deschiderile 1...5, pe toata latimea sectiunii transversale.

The viaduct will be equipped with independent mobile scaffolding on openings 1...5, across the entire width of the cross section.

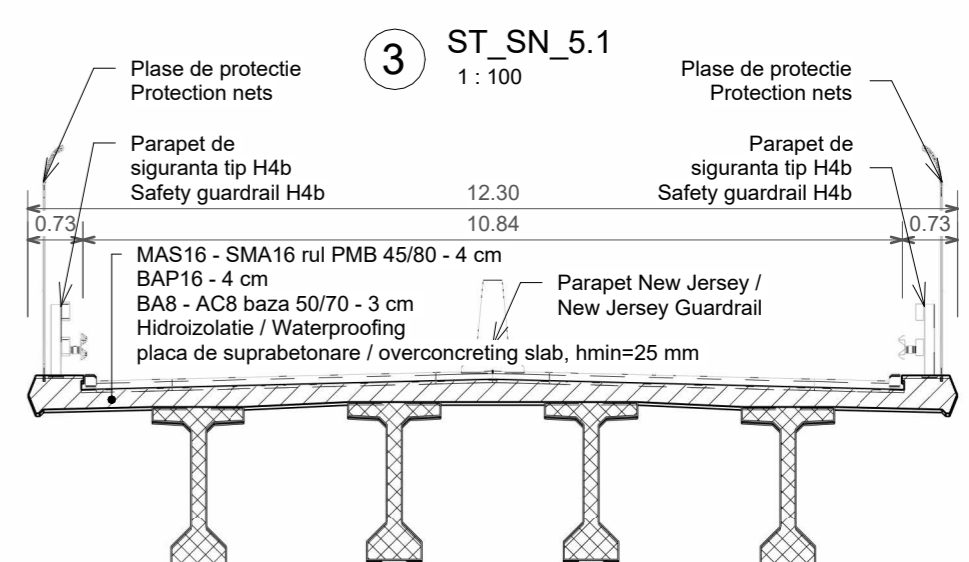
Conform recomandarilor Studiului Geotehnic structura este fundata indirect pe piloti forati. Diametrul si lungimea pilotilor vor fi definitive in etapa urmatoare de proiectare conform HG 907.

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.



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=0.20g, Tc=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=0.20g, Tc=0.7s acc. P100-1:2013  
Quality requirements for TP phase: A4, B2, D At



**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 SRL

**ELABORARE STUDIUL DE FEZABILITATE SI PROIECT TEHNIC PENTRU AUTOSTRADA CRAIOVA-FILASII DRUM EXPRESS / ELABORATION 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 - Pasaj pe Bulevard 2 Noi Racari de Sus km 2+036 peste CF100 (CF900)

**General layout - Passage on Link 2 Racari de Sus interchange pk 2+036 over 100 (900) Railway**

**COORDONATOR ADJUNCT DE PROIECT / 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

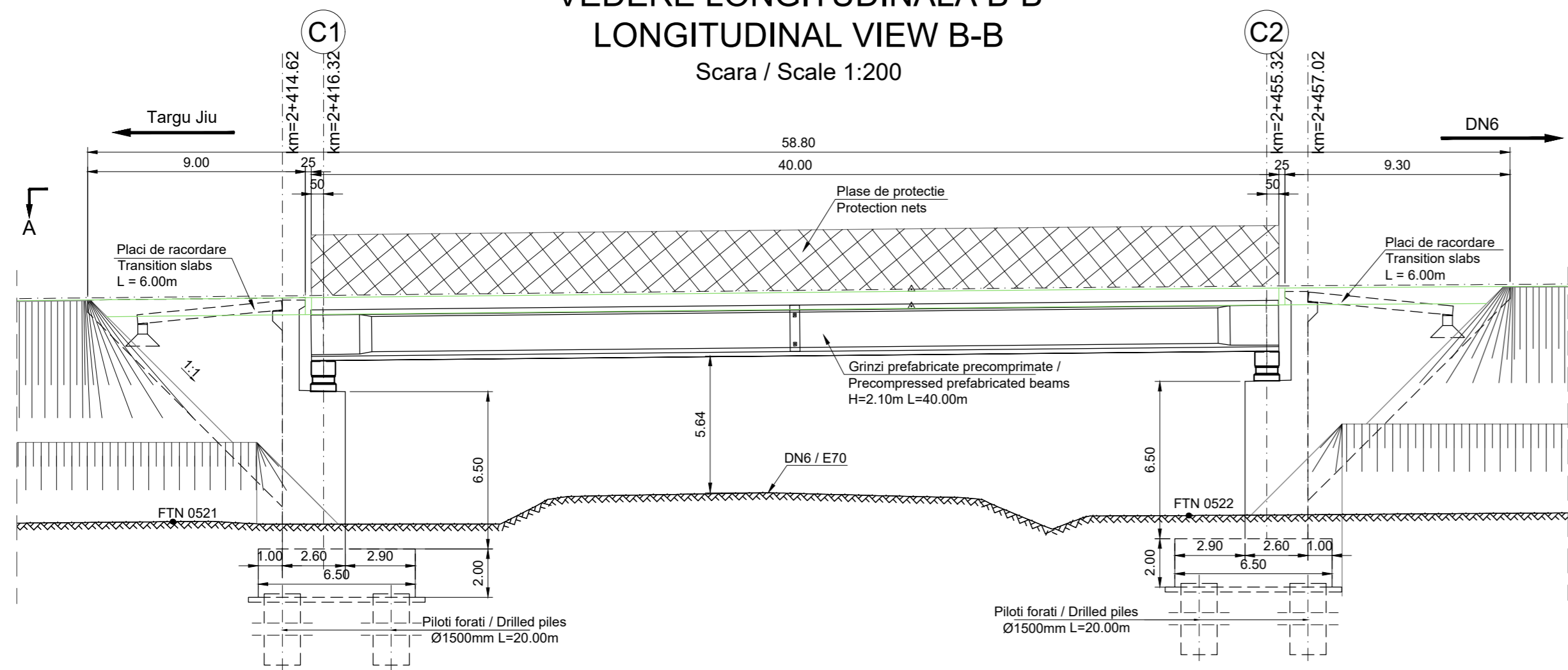
**VERIFICATOR INTERN / INTERNAL CHECKER:** A. PRODAN

Contract no.: 9222579      Revisia nr.: 0  
Data: 10/2023      Scara: As indicated  
Cod desen: 2070-DTJ-SF-3-1A.3.3-DS-SR.5.1-800      Drawing number:



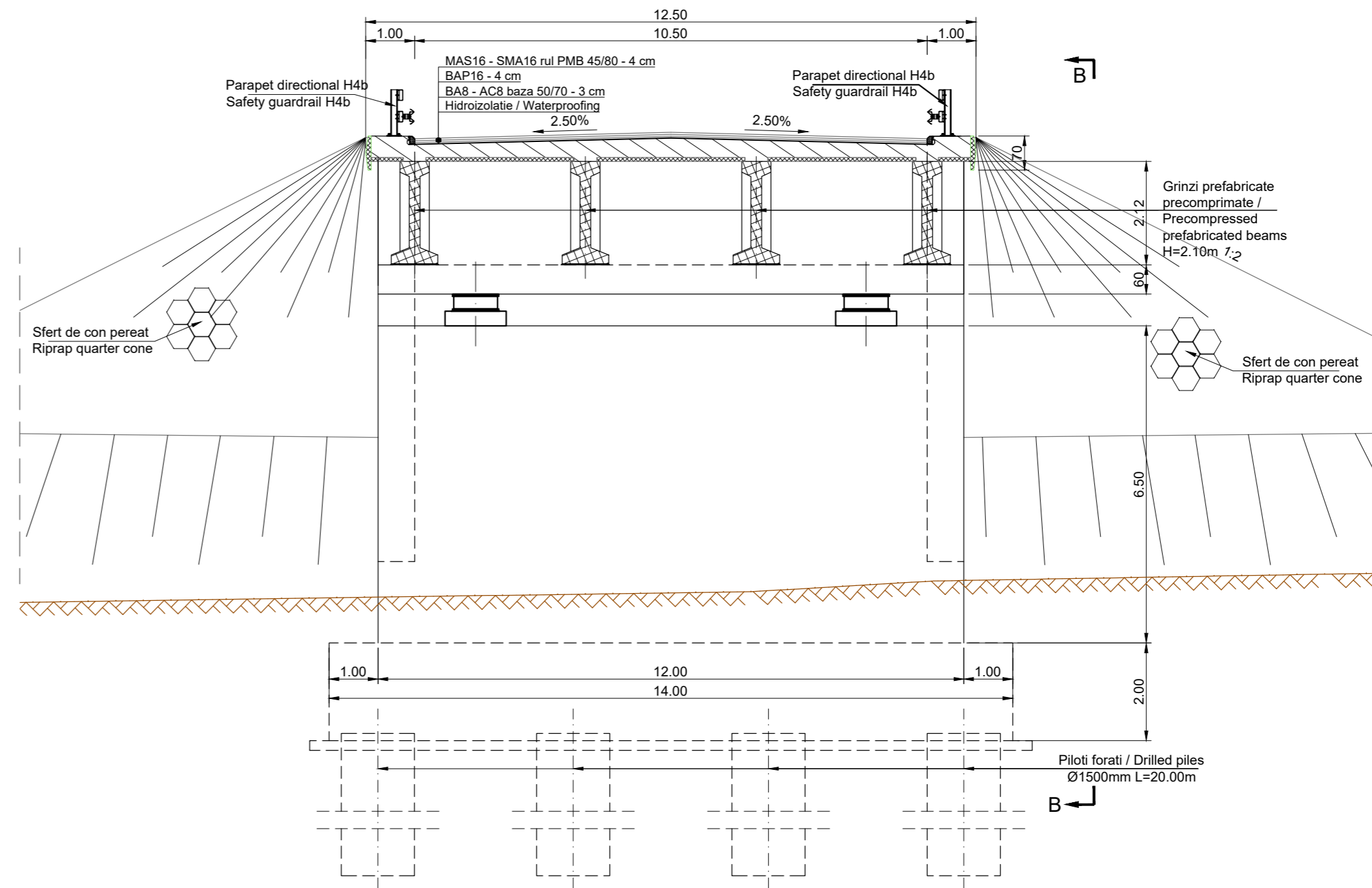
# VEDERE LONGITUDINALA B-B LONGITUDINAL VIEW B-B

Scara / Scale 1:200



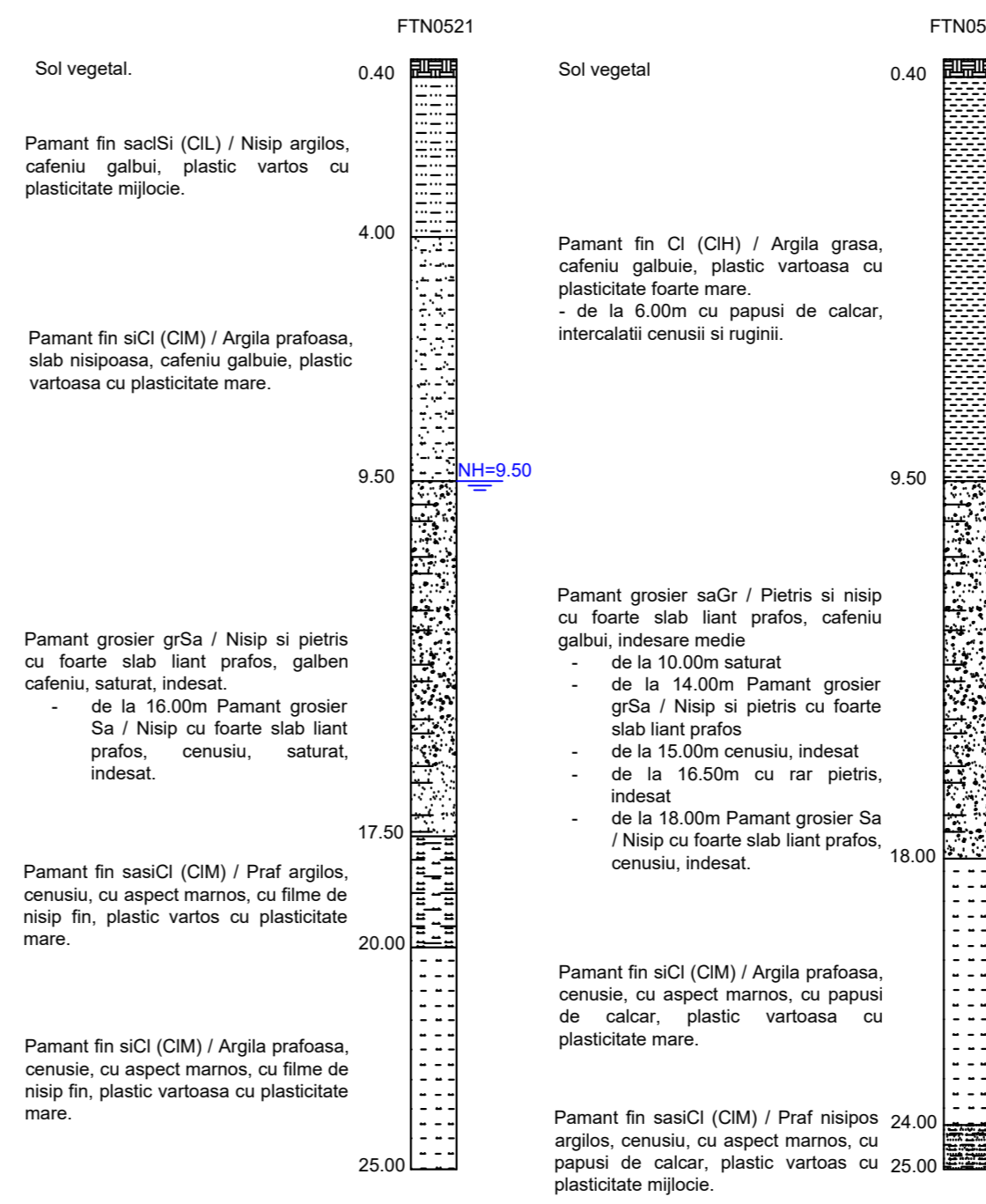
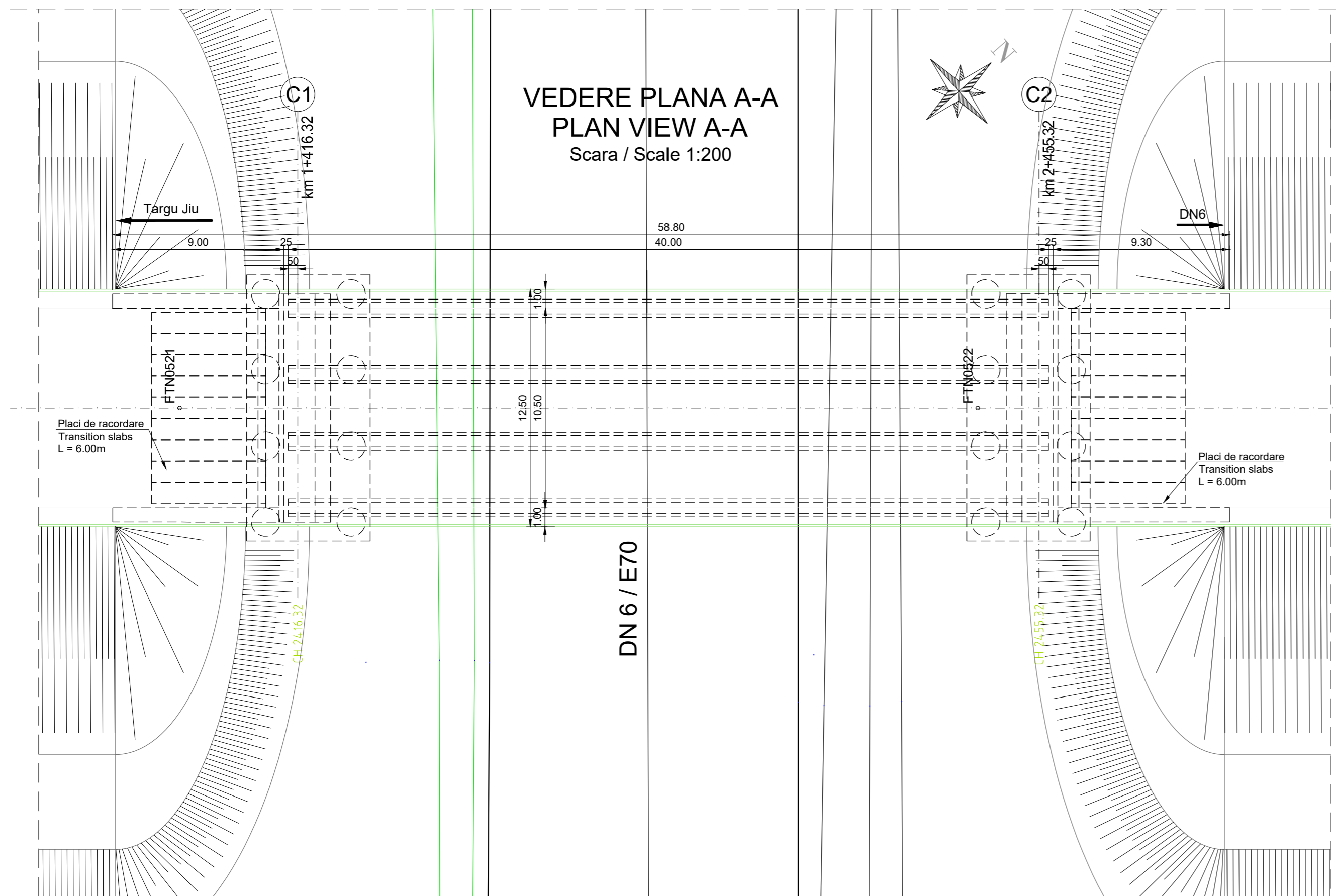
# SECTIUNE TRANSVERSALA CULEE C1 CROSS SECTION ABUTMENT C1

Scara / Scale 1:100

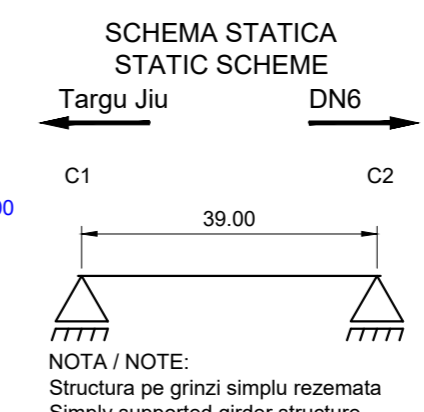


# VEDERE PLANA A-A PLAN VIEW A-A

Scara / Scale 1:200



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<sub>s</sub>=0.20g, T<sub>c</sub>=0.7s conf. P100-1:2013 Exigente de verificare fara 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<sub>s</sub>=0.20g, T<sub>c</sub>=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 / ASOCIAREA / DESIGNER ASSOCIATION:** EGIS ROMANIA SA / SEARCH CORPORATION SRL

**ELABORARE STUDIULUI 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**  
Pasaj pe Bretea 2 Nod Racarii de Sus km 2+415 peste DN6 / E70 / Passage on Link 2 Racarii de Sus Interchange pk 2+415 over DN6 / E70

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

**INGINER PROIECTANT DE PODURI / BRIDGE DESIGN ENGINEER:** G. PERICULO

**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 nr. 92/22579 / Contract no. 92/22579  
Data: 10/2023 / Date: 10/2023  
Cod desen: 22579-C1J-SF-3-LA-3-3-DG-SN\_5.02R00 / Drawing number: 92/22579

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