

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.

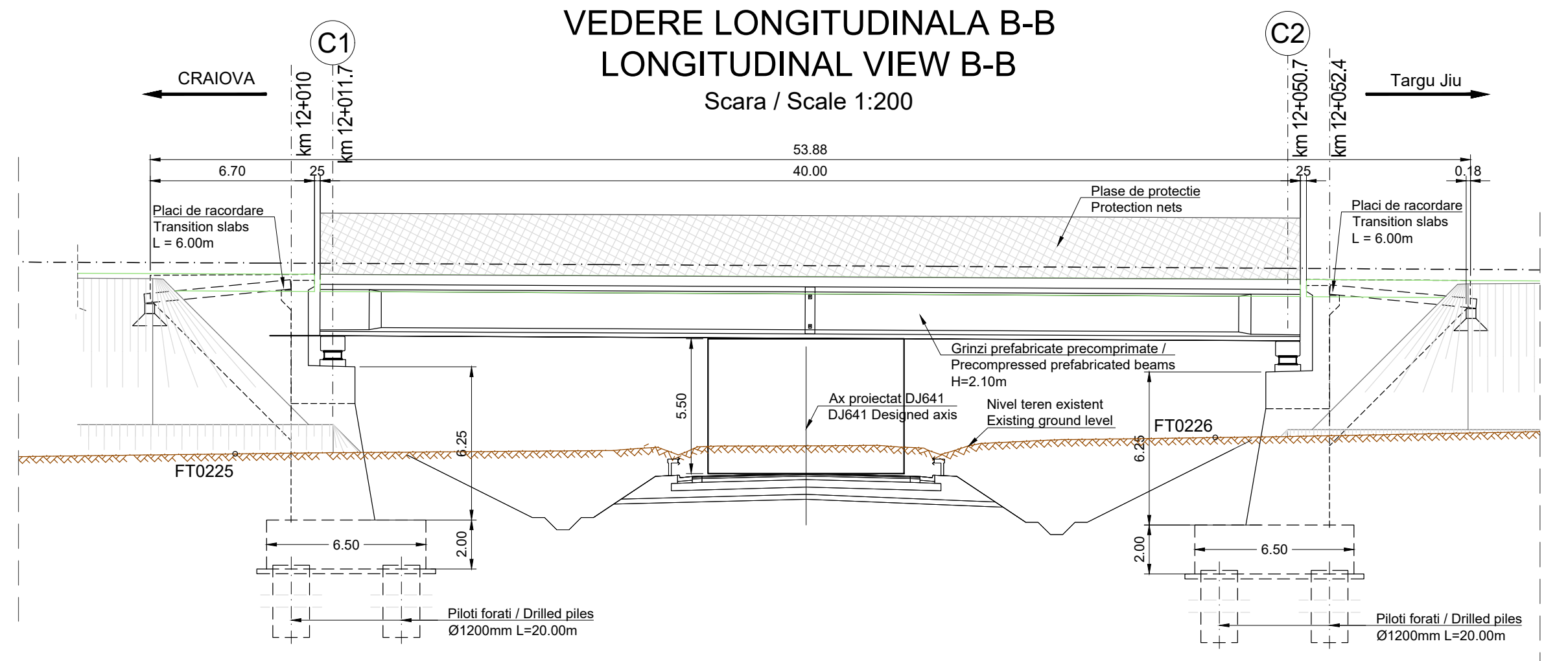
• Representation of the profile for Motorway / Express Road / road is informative. Typical cross-sections are found in the volume Roadworks.

• Possible improvements of the foundation ground will be executed according to recommendations of the Geotechnical Study.

GENERATOR CLIENT: **COMPANIA NATIONALA DE ADMINISTRARE A INFRASTRUCTURII**  
**NATIONAL ADMINISTRATION COMPANY OF ROAD INFRASTRUCTURE**  
 PROIECTANT ASOCIATA DESIGNER ASSOCIATION: **egis** **SEARCH**  
 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 POOLURI, VIADUCTE SI PASAJE  
 BRIDGES, VIADUCTS AND PASSAGES WORKS  
 DISPOZITIE GENERALA GENERAL LAYOUT  
 Pasaj pe Bretele 1 Nord Craiova Nord km 10+860 peste Autostrada / Passage on Link 1 Craiova Nord Interchange pk 10+860 over Motorway  
 COORDONATOR / PROJECT MANAGER: **R. THADANI**  
 PROIECTANT / PROJECT DESIGNER: **G. PERICU**  
 INGINER PROIECTANT / DESIGN ENGINEER: **G. BANCONEA**  
 INGINER PROIECTANT / DESIGN ENGINEER: **M. ANDREI**  
 VERIFICAT INTERN / INTERNAL CHECKER: **A. PRODAN**  
 Contract no. / Contract no.: 0222575  
 Date: 10/2023  
 Drawing number: 222575-C1-1-SF-2-A-3-3-0-0-0\_01-00  
 Revision no. / Revision no.: 0  
 Scale: 1:200 / 1:100

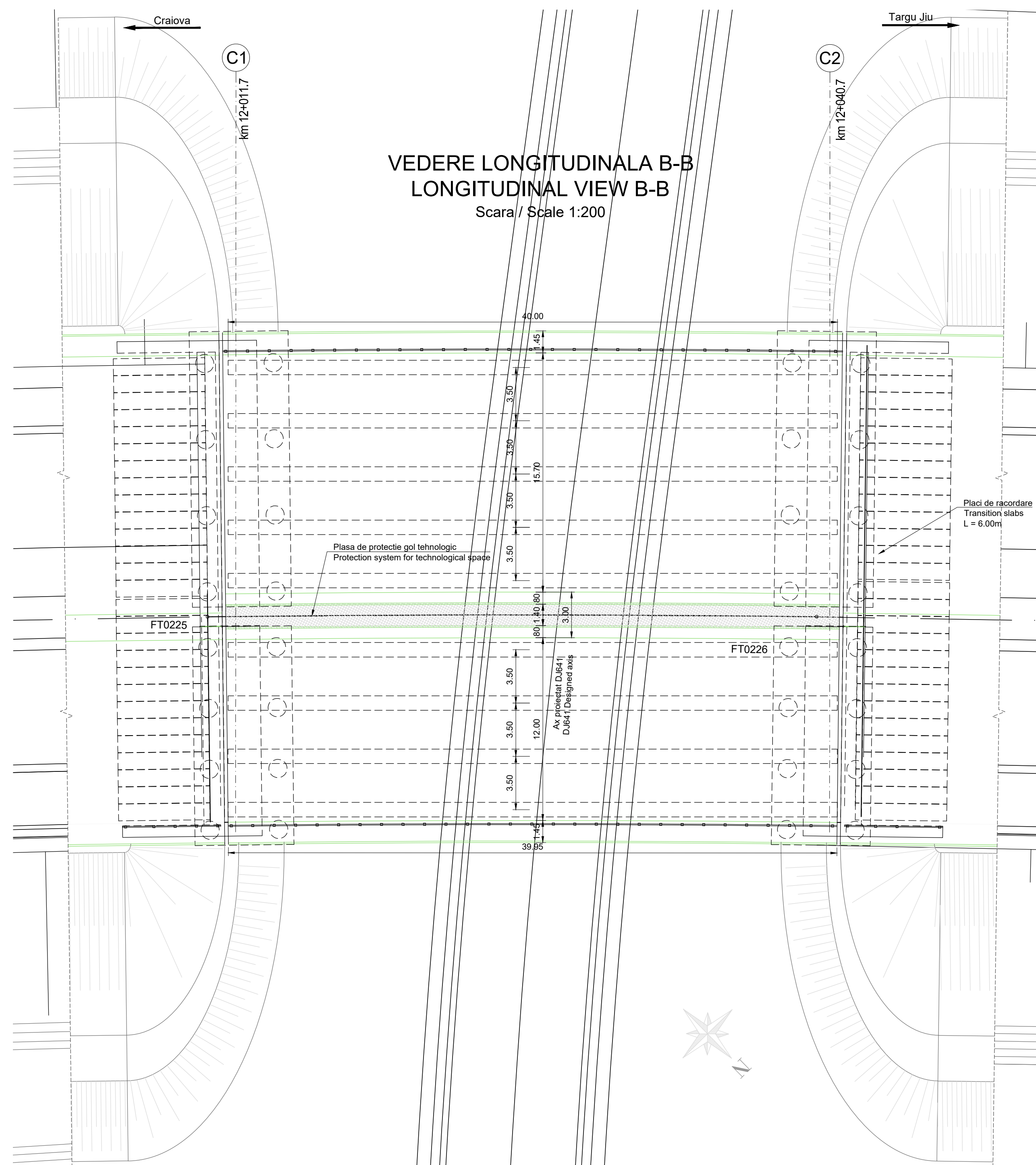
VEDERE LONGITUDINALA B-B  
LONGITUDINAL VIEW B-B

Scara / Scale 1:200



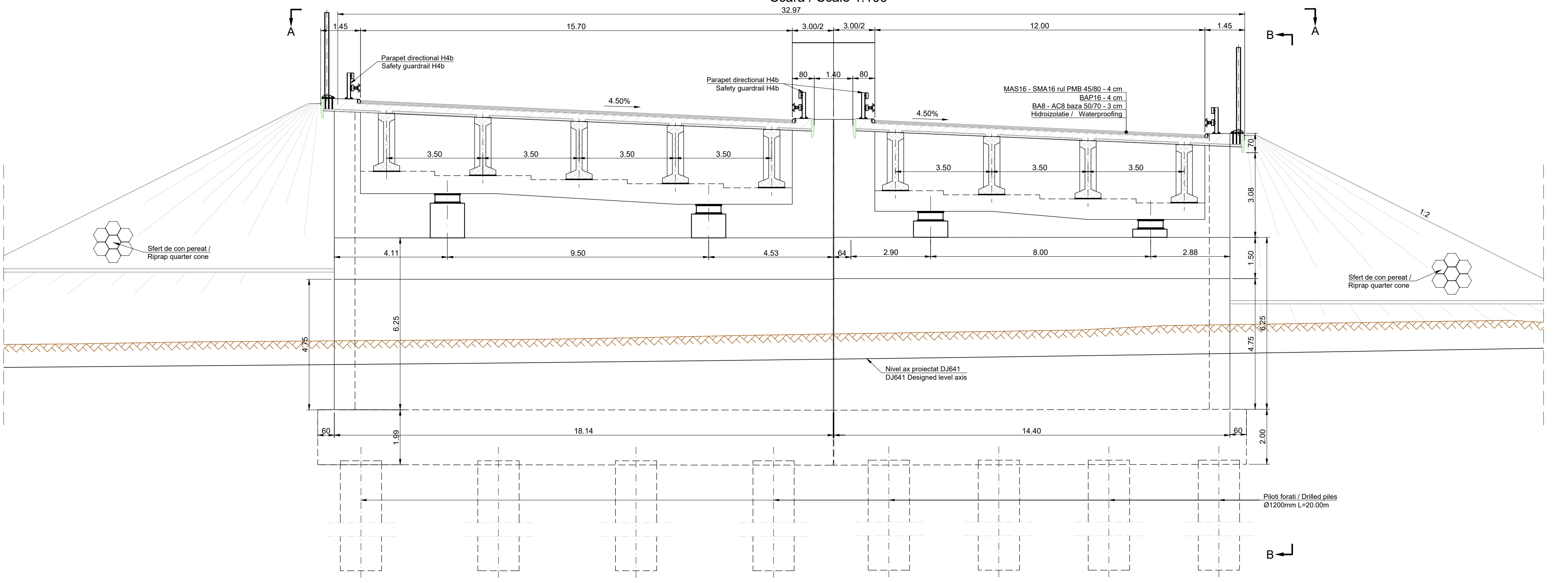
VEDERE LONGITUDINALA B-B  
LONGITUDINAL VIEW B-B

Scara / Scale 1:200

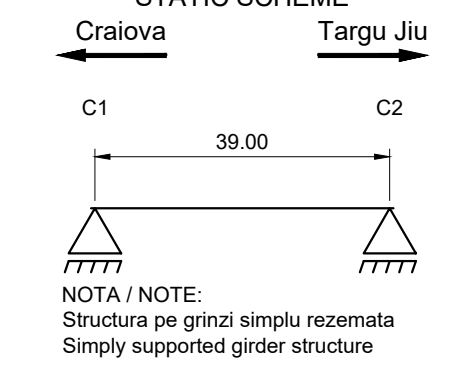


SECTIUNE TRANSVERSALA CULEE C1  
CROSS SECTION ABUTMENT C1

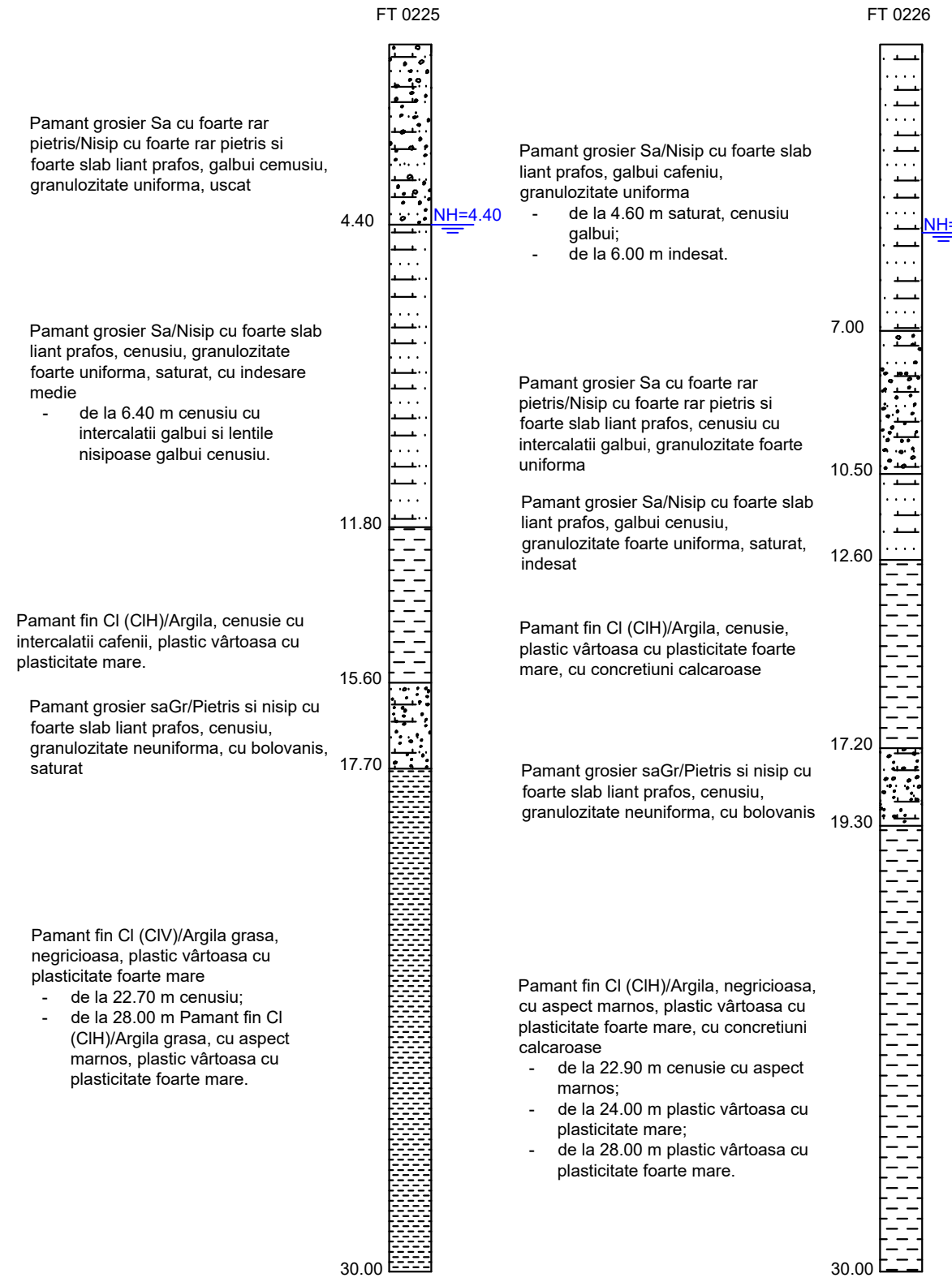
Scara / Scale 1:100



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
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
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 / Prestlabs	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 Importanta categorica: "B" Grad de seismicitate: "B <sub>s</sub> ", 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 Category of importance: "B" Seismic area characteristics: "B <sub>s</sub> ", 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
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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 volume Roadworks.
- 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  
ELABORARE STUDIUL DE FEZABILITATE SI PROIECT TEHNIC PENTRU AUTOSTRADA CRAIOVA-FLASB SI DRUM EXPRES FLASB-TARGU JIU  
PREPARATION OF FEASIBILITY STUDY AND TECHNICAL DESIGN FOR CRAIOVA-FLASB MOTORWAY AND FLASB-TARGU JIU EXPRESS ROAD  
LUCRARI DE PODURI, VIADUCTE SI PASAJE BRIDGES, VIADUCTS AND PASSAGES WORKS

DISPOZITIE GENERALA  
GENERAL LAYOUT  
Pasaj pe Autostrada  
km 12+010 peste DJ641 /  
Passage on Motorway  
pk 12+010 over DJ641

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

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

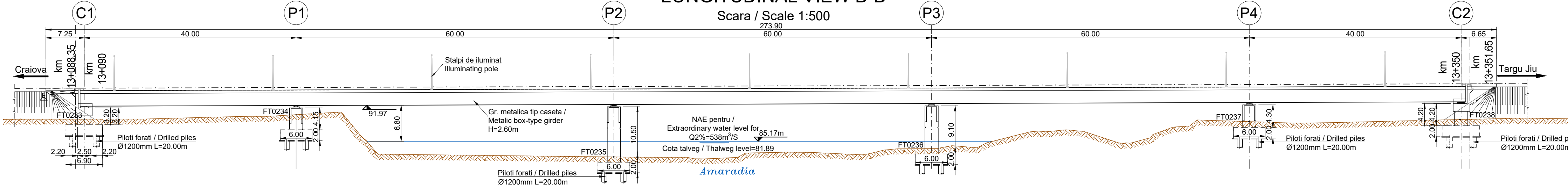
INGINER PROIECTANT DE PODURI / BRIDGE DESIGN ENGINEER: G. BARONCEA

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

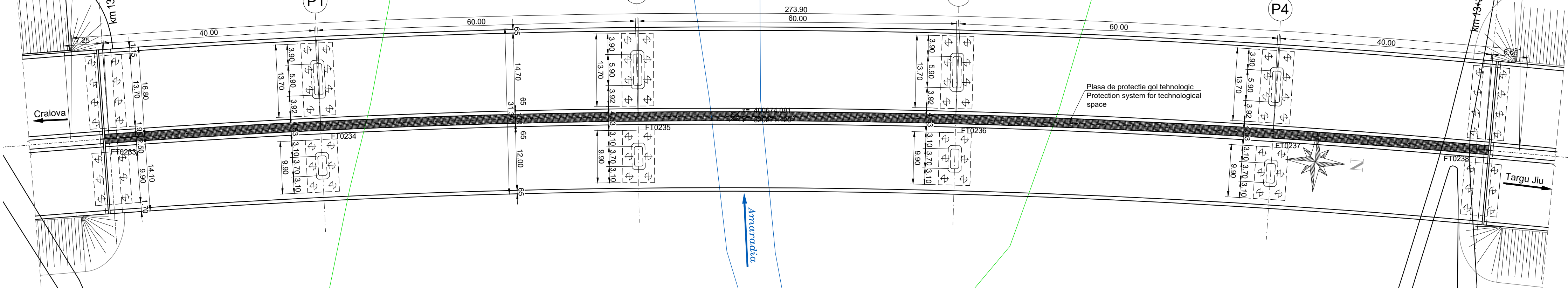
VERIFICATOR INTERN / INTERNAL CHECKER: A. PRODAN

Contract nr. 6222579 / Contract no.: 6222579  
Data: 10/2023 / Date: 10/2023  
Scara: 1:200 / Scale: 1:200  
Cod desen: 22379-C15-9F-2-L3.3.00.3\_02-003 / Drawing number: 22379-C15-9F-2-L3.3.00.3\_02-003

VEDERE LONGITUDINALA B-B  
LONGITUDINAL VIEW B-B

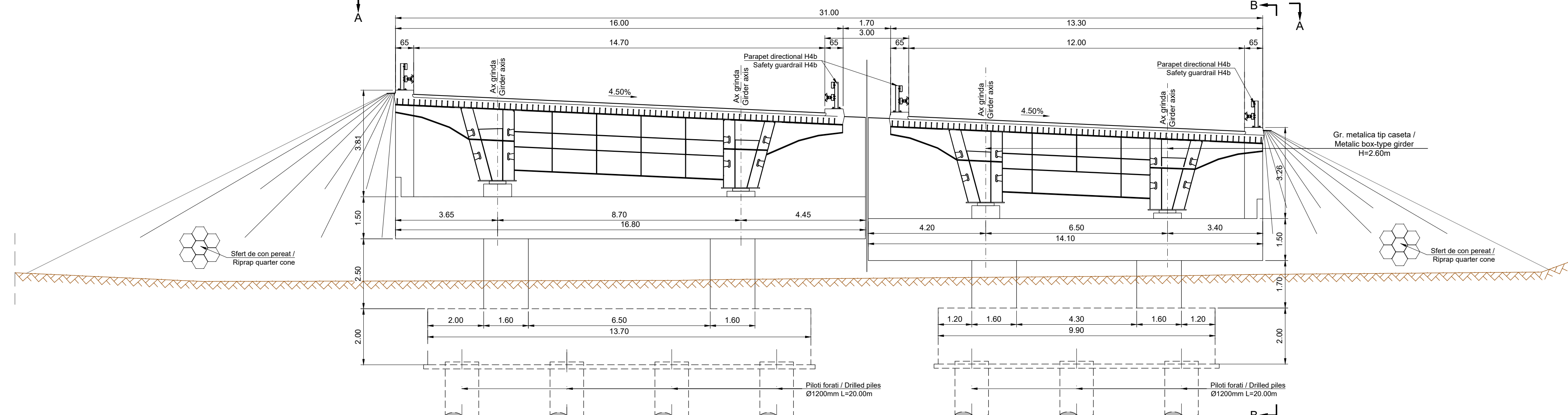


VEDERE PLANA A-A / PLAN VIEW A-A  
PLAN VIEW A-A



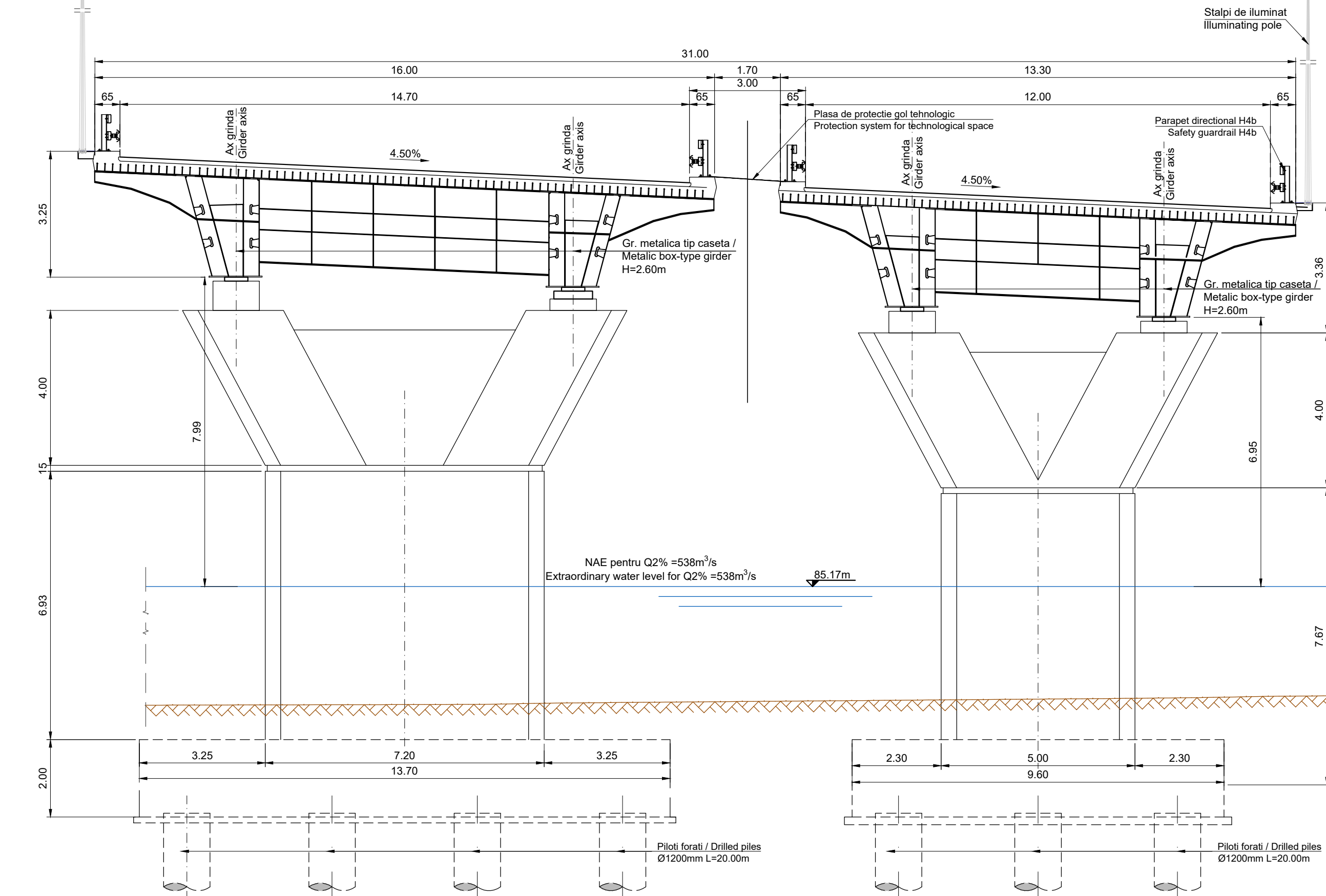
SECTIUNE TRANSVERSALA CULEE C1  
CROSS SECTION ABUTMENT C1

Scara / Scale 1:100

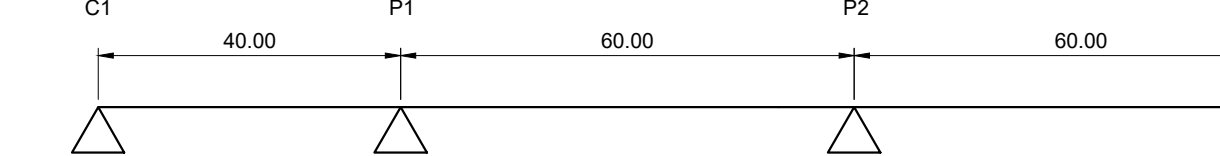


SECTIUNE TRANSVERSALA PILA P2  
CROSS SECTION PIER P2

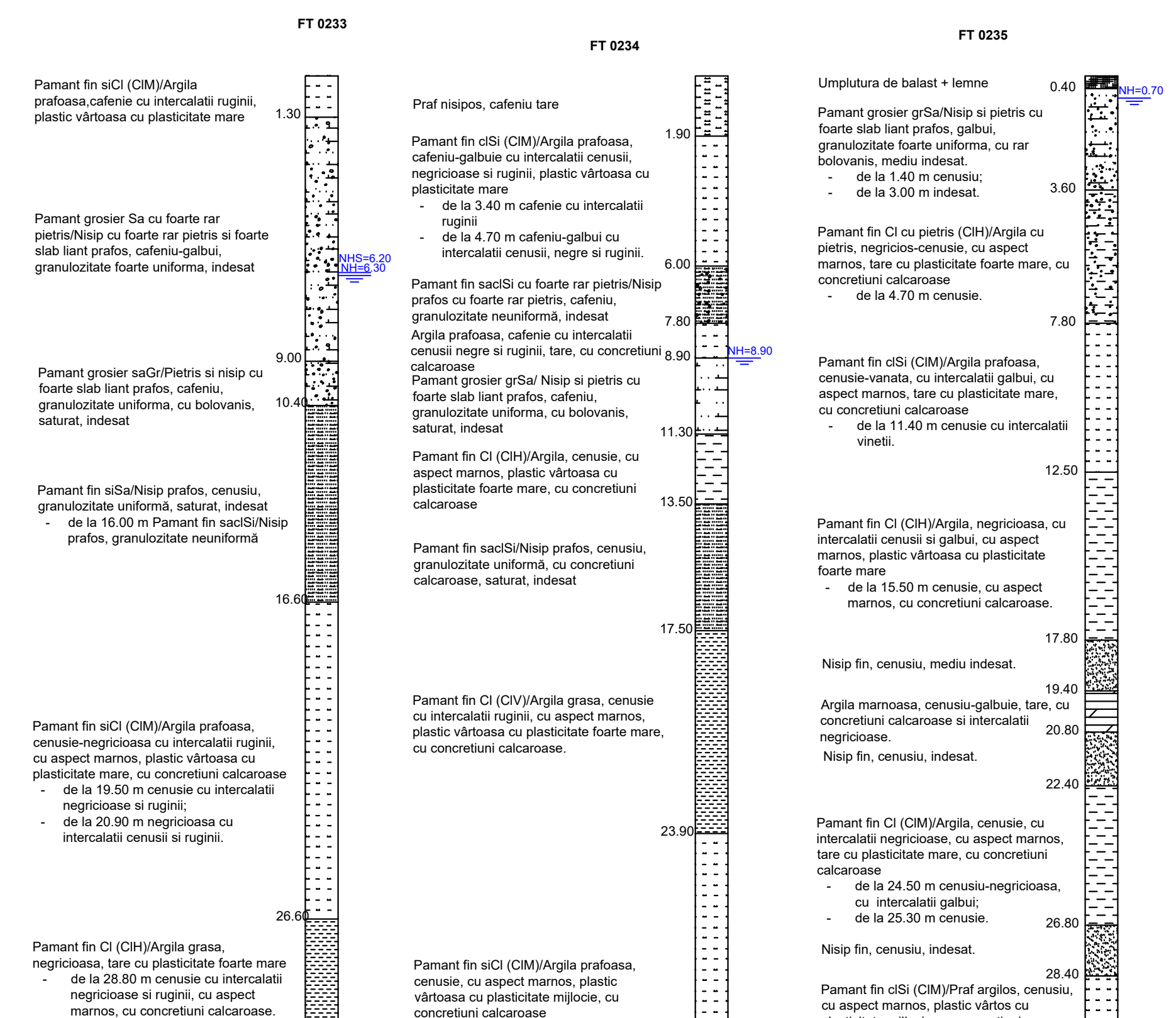
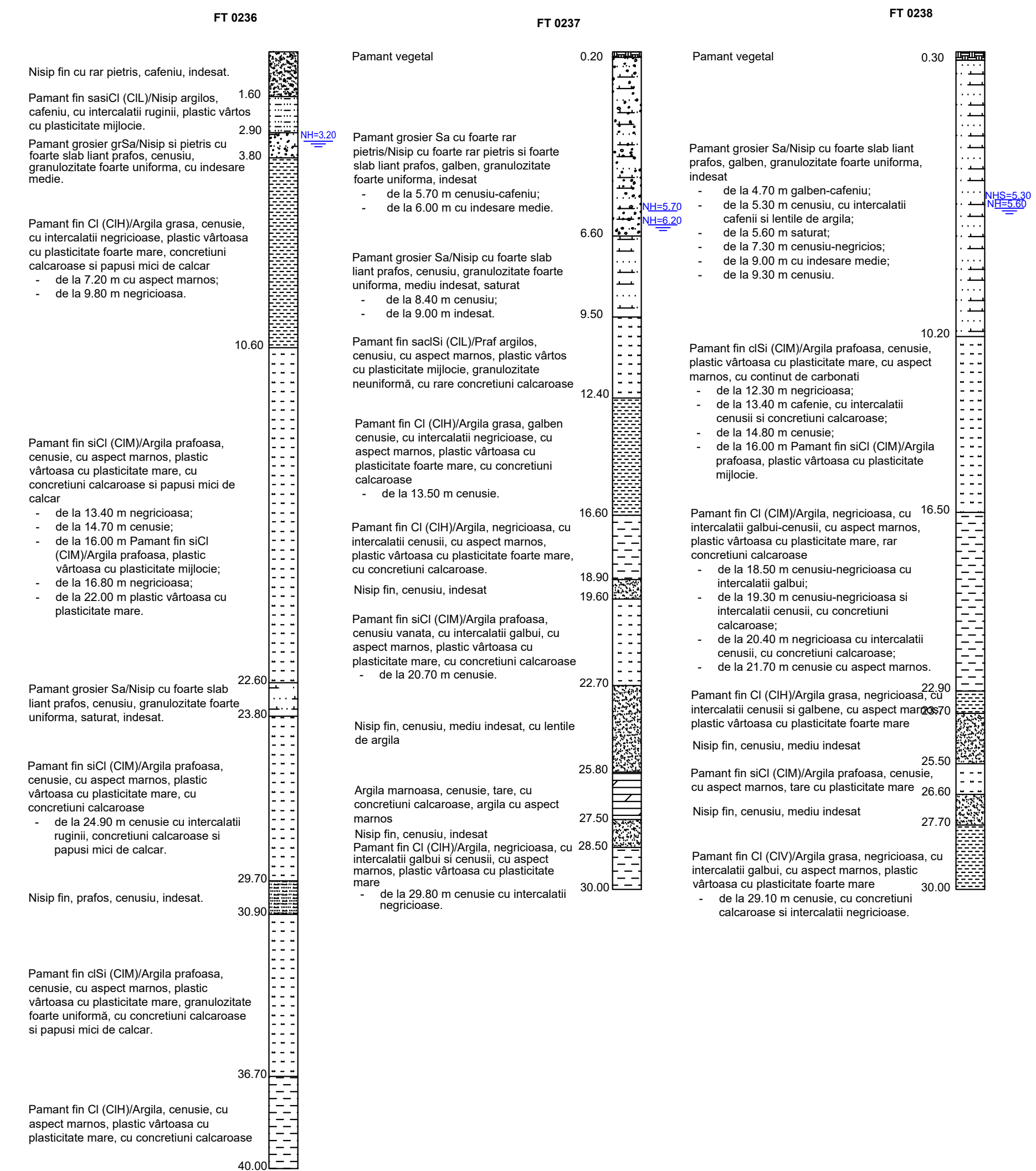
Scara / Scale 1:100



SCHEMA STATICA  
STATIC SCHEME



NOTA / NOTE:  
Structura pe grinzii continue  
Continuous 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
Pilati 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
Antreaze / Cross beams	C35/45	XC1 XD3
Pereu / Riprap	C30/37	XC4 XF2
Fundatii pereu / Riprap foundations	C30/37	XC4
Arzi / Wing Walls	C35/45	XC4 XD3 XF4
Grinz prefabricate / Prefabricated beams	C50/60	XC3 XF1 XF3
Pradae / Prestabs	C35/45	XC3 XF1 XF3

**REPERENȚĂ CLIENT:** CARPIANA NAȚIONALĂ DE ADMINISTRARE A INFRASTRUCTURII DE DRUM  
**NATIONAL ADMINISTRATION COMPANY OF ROAD INFRASTRUCTURE**

**PROIECTANT ASOCIEREA / DESIGNER ASSOCIATION:** eGIS SEARCH CORPORATION

**ELABORARE STUDIUL DE FEZABILITATE / FEASIBILITY STUDY AND TECHNICAL DESIGN FOR GRADE RAILWAYS MOTORWAY AND TUNNELS ON EXPRESS ROAD**

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

**DISPOZIȚIILE GENERALE / GENERAL LAYOUT:** Pod pe Autostrada km 13+088 peste Raul Amaradia / Bridge on Motorway at pk 13+088 over Amaradia River

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

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

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

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

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

**Contract nr. / Contract no.:** 92/2579

**Data / Date:** 10/2023

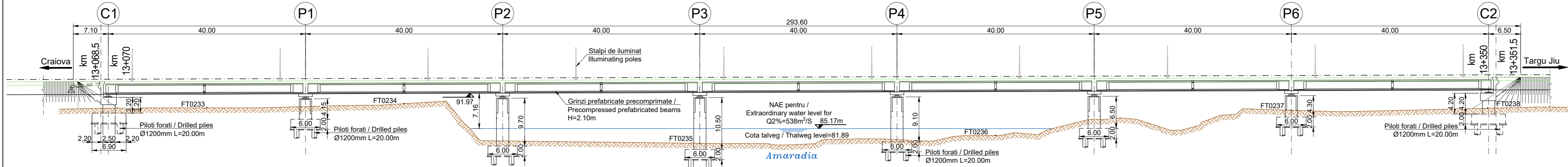
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**Cod desen / Drawing code:** 2579-DT-SF-2A-3-DG-6\_03/60

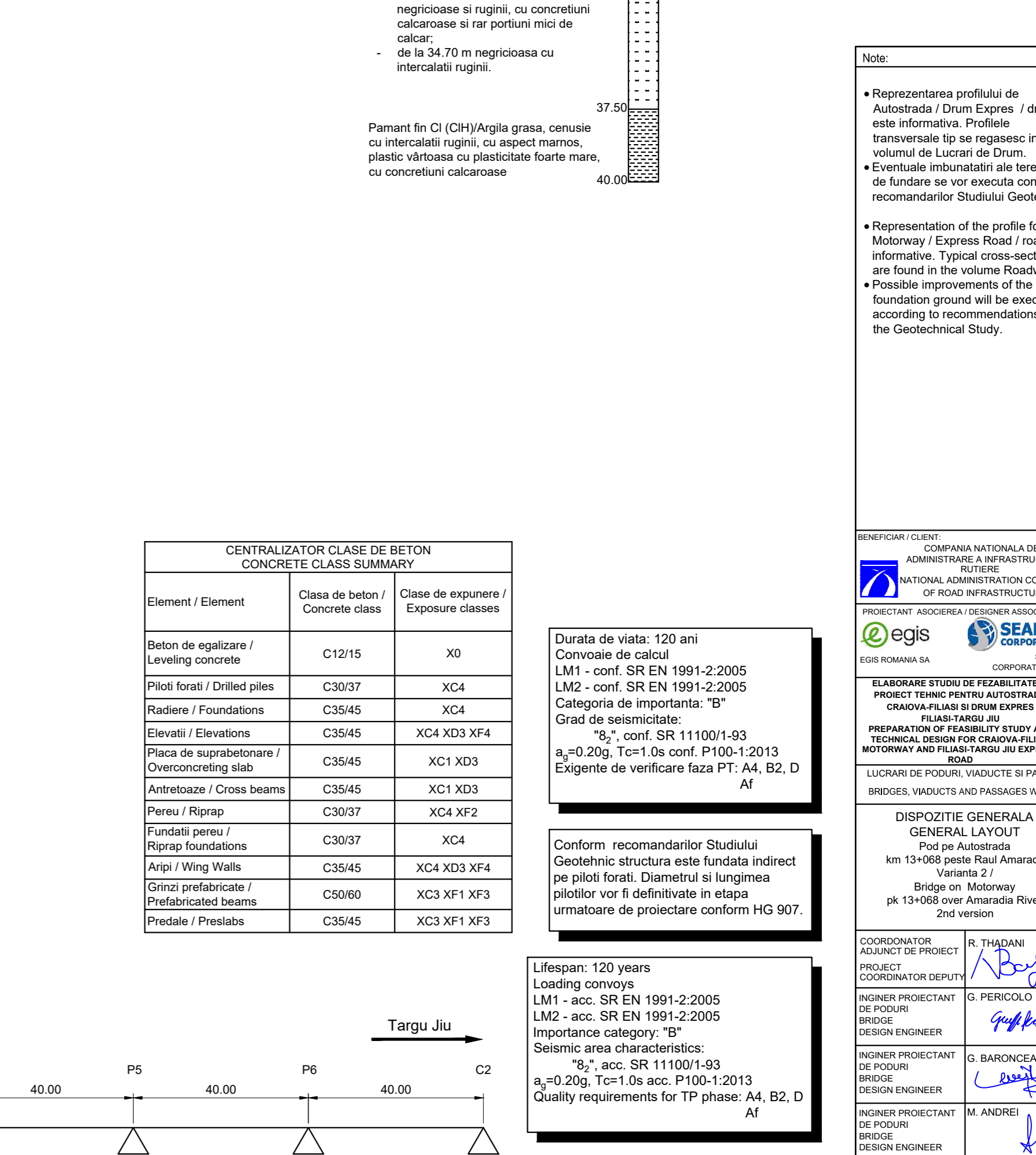
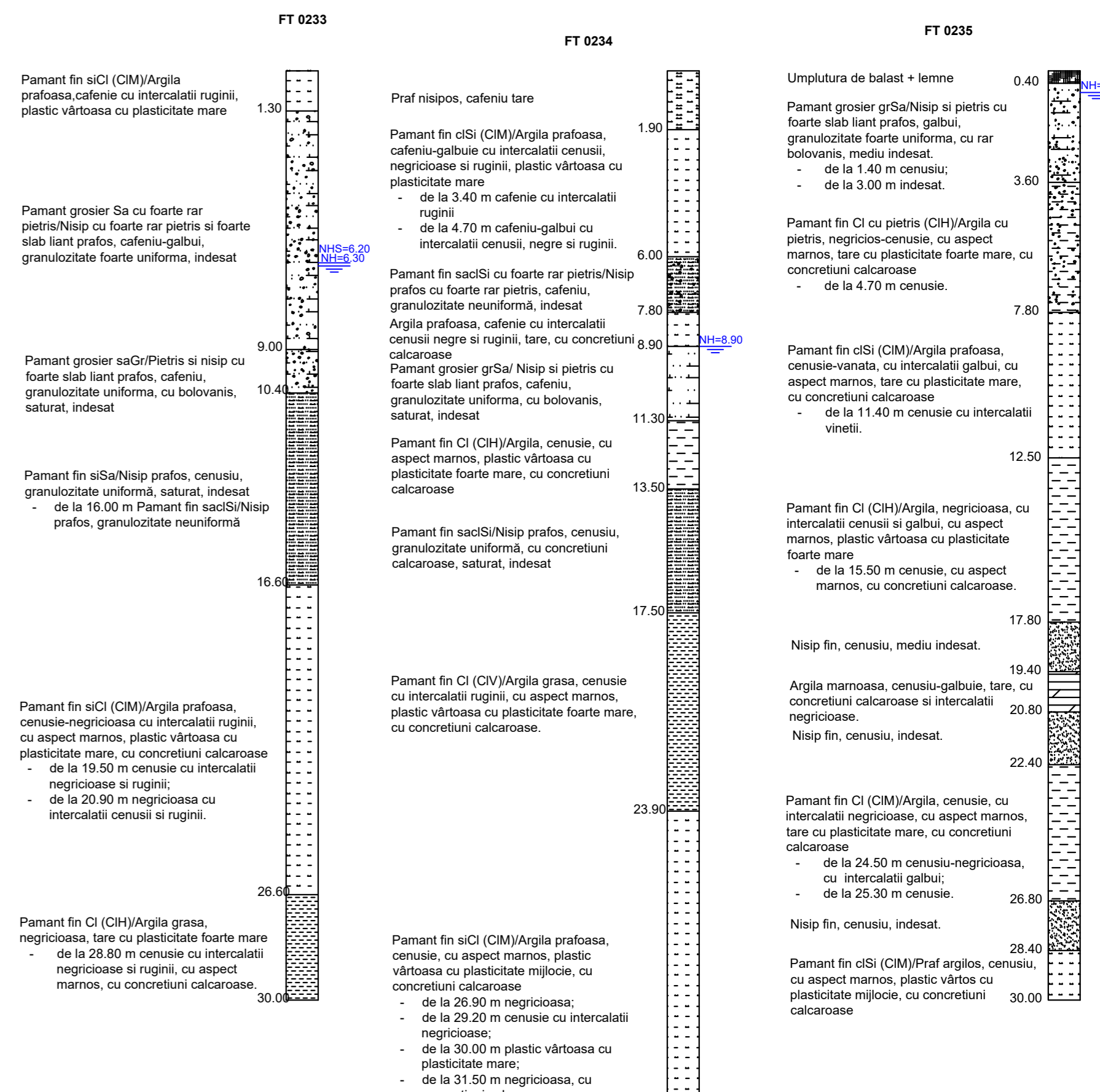
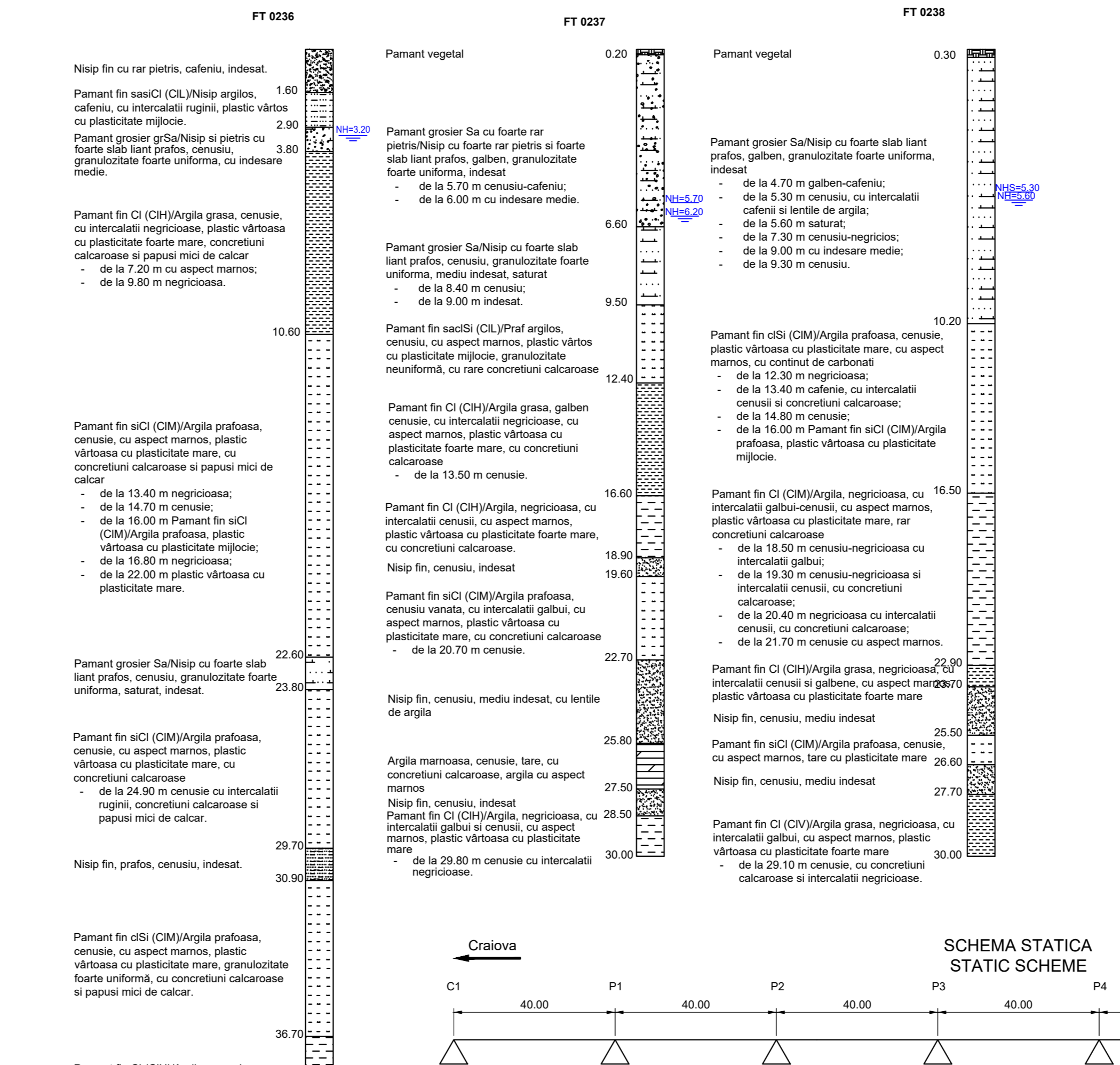
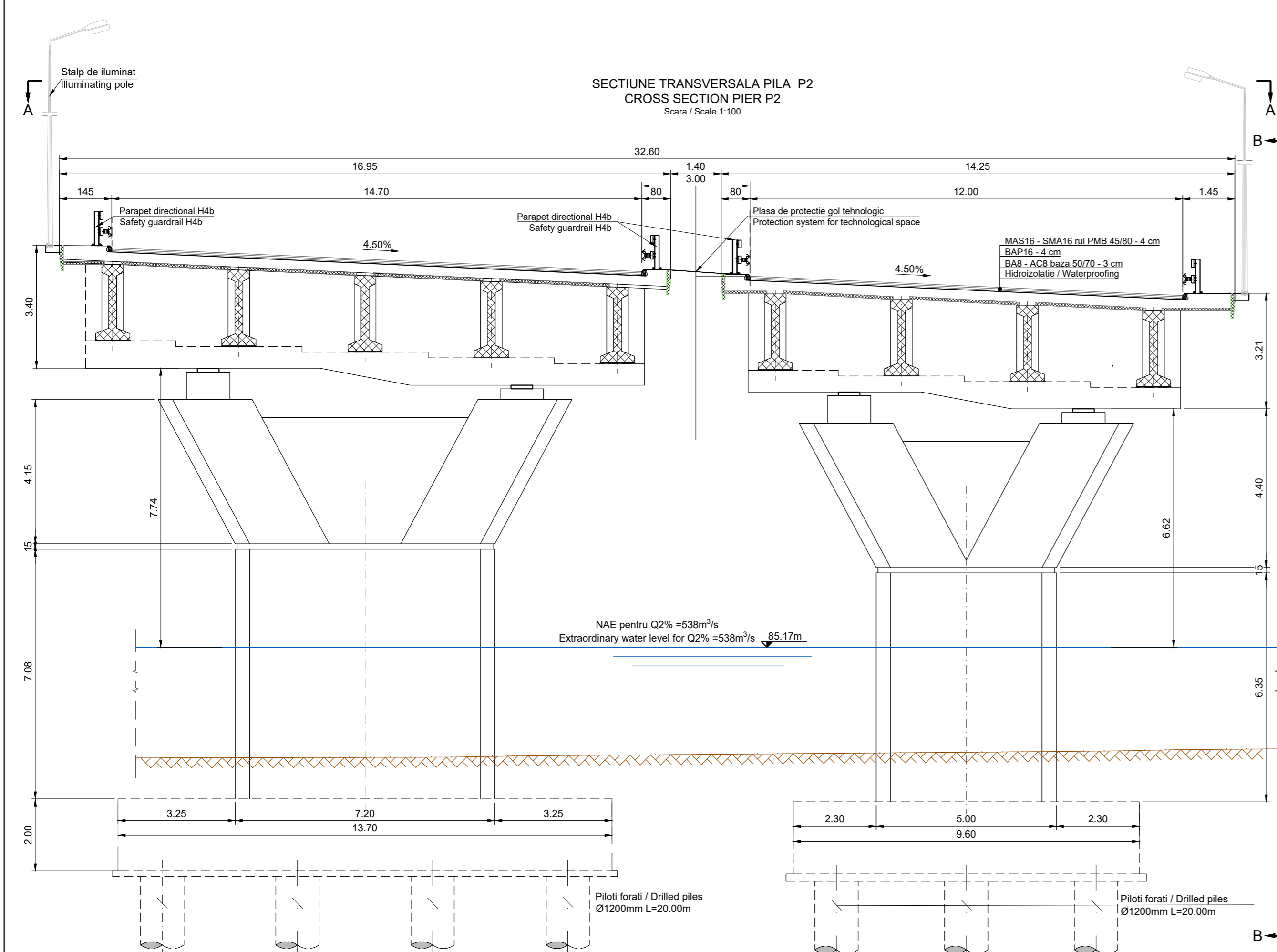
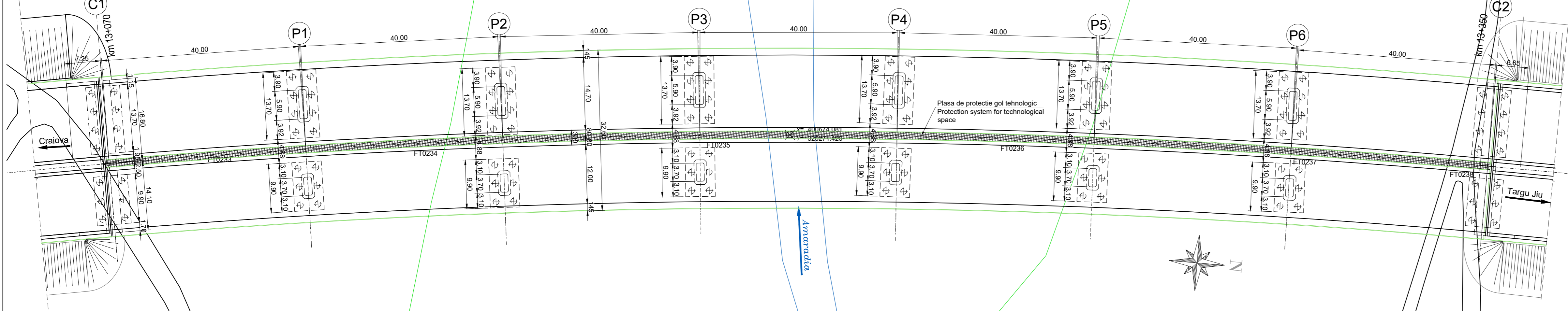
**Durata de via: 120 ani / Lifetime: 120 years**  
 Convoaie de calcul / Loading convoys:  
 LM1 - conf. SR EN 1991-2:2005  
 LM2 - conf. SR EN 1991-2:2005  
 Categoria de importanta: "B"  
 Grad de seismicitate: "B", conf. SR 111001/93  
 $a_s=0.20g, T=1.0s$  conf. P100-1:2013  
 Exigente de verificare faza PT: A4, B2, D

**Conform recomandarilor Studiului Geotehnic / 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.**

VEDERE LONGITUDINALA B-B  
LONGITUDINAL VIEW B-B  
Scara / Scale 1:500



VEDERE PLANA A-A / PLAN VIEW A-A  
Scara / Scale 1:500



CENTRALIZATOR CLASE DE BETON CONCRETE CLASS SUMMARY		
Element / Element	Clasa de beton / Concrete class	Clase de expunere / Exposure classes
Beton de egalizare / Levelling concrete	C12/15	X0
Piloți forati / Drilled piles	C30/37	XC4
Radieri / Foundations	C35/45	XC4
Elevati / 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
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:  
"B", conf. SR 11100/1-93  
a<sub>0</sub>=0.20g, T<sub>c</sub>=1.0s conf. P100-1.2013  
Exigente de verificare faza PT: A4, B2, D  
Af

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

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:  
"B", acc. SR 11100/1-93  
a<sub>0</sub>=0.20g, T<sub>c</sub>=1.0s 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.

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 volume Roadworks.  
• Possible improvements of the foundation ground will be executed according to recommendations of the Geotechnical Study.

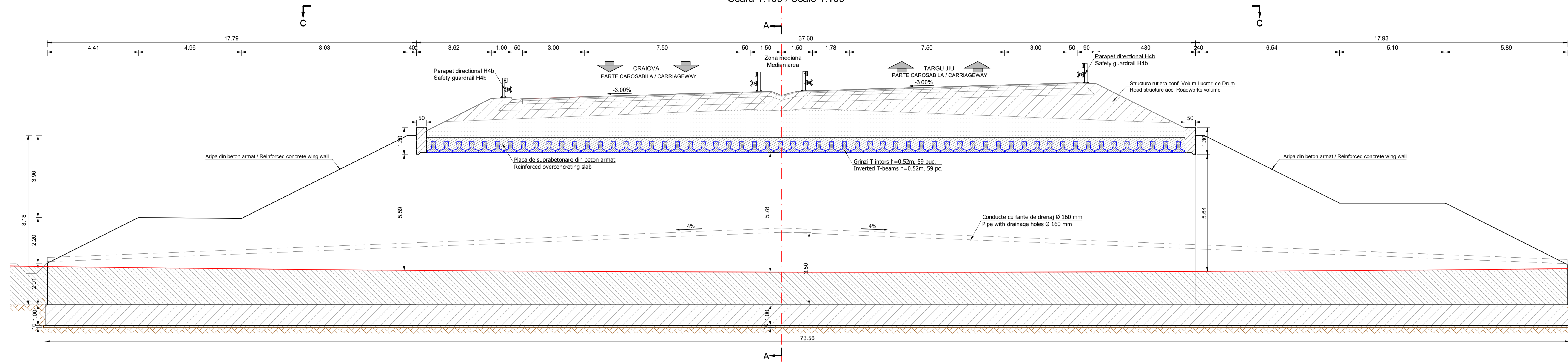
BENEFICIAR / CLIENT: COMPANIA NATIONALA DE ADMINISTRARE A INFRASTRUCTURII RUTIERE  
NATIONAL ADMINISTRATION COMPANY OF ROAD INFRASTRUCTURE  
PROIECTANT ASOCIETATE / DESIGNER ASSOCIATION: egis EDGE ROMANIA SA SEARCH CORPORATION SRL

ELABORARE STUDIUL DE FEZABILITATE / PROJECT TECHNIC FOR AUTOSTRADA CRAIOVA-FILAS B DRUM EXPRESS  
PREPARATION OF FEASIBILITY STUDY AND TECHNICAL DESIGN FOR CRAIOVA-FILAS MOTORWAY AND FILAS TARGU JIU EXPRESS ROAD  
LUCRARI DE PODURI, VIADUCTE SI PASAJE BRIDGES, VIADUCTS AND PASSAGES WORKS

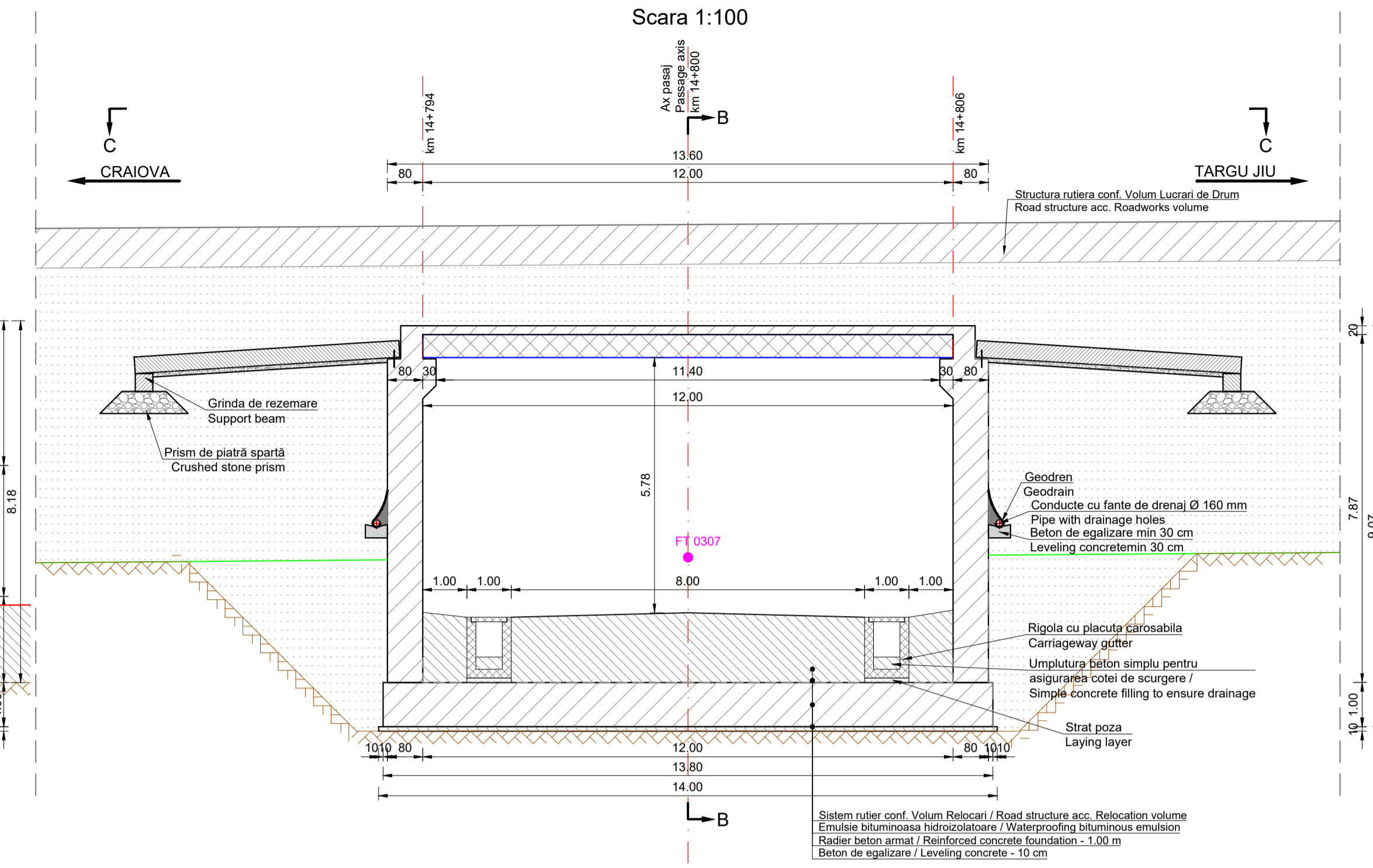
DISPOZITIE GENERALA / GENERAL LAYOUT  
Pod pe Autostrada km 13+066 peste Baul Amaradia Varianta 2 / Bridge on Motorway pk 13+066 over Amaradia River 2nd version  
COORDONATOR ADJUNCT DE PROIECT / PROJECT COORDINATOR DEPUTY: R. THADANI  
INGINIER PROIECTANT DE PODURI / BRIDGE DESIGN ENGINEER: G. PERICOLU  
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 no. 92/2257/ Contract no. 92/2257/ Date: 10/2023 Scara: 1:500 / 1:100 Date: 10/2023 Scara: 1:500 / 1:100 Cod desen: 2275-C13-FI-FI-3-DG-DJ3000 Drawing number:

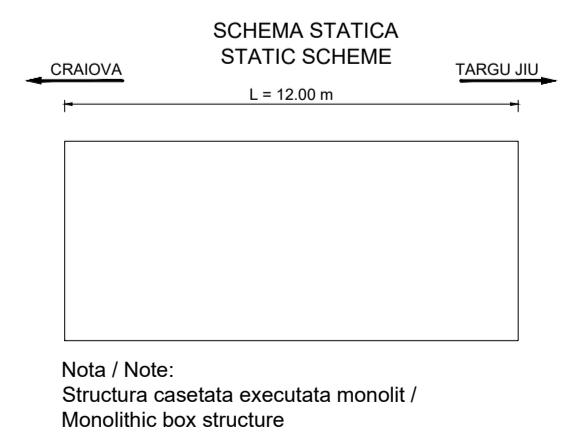
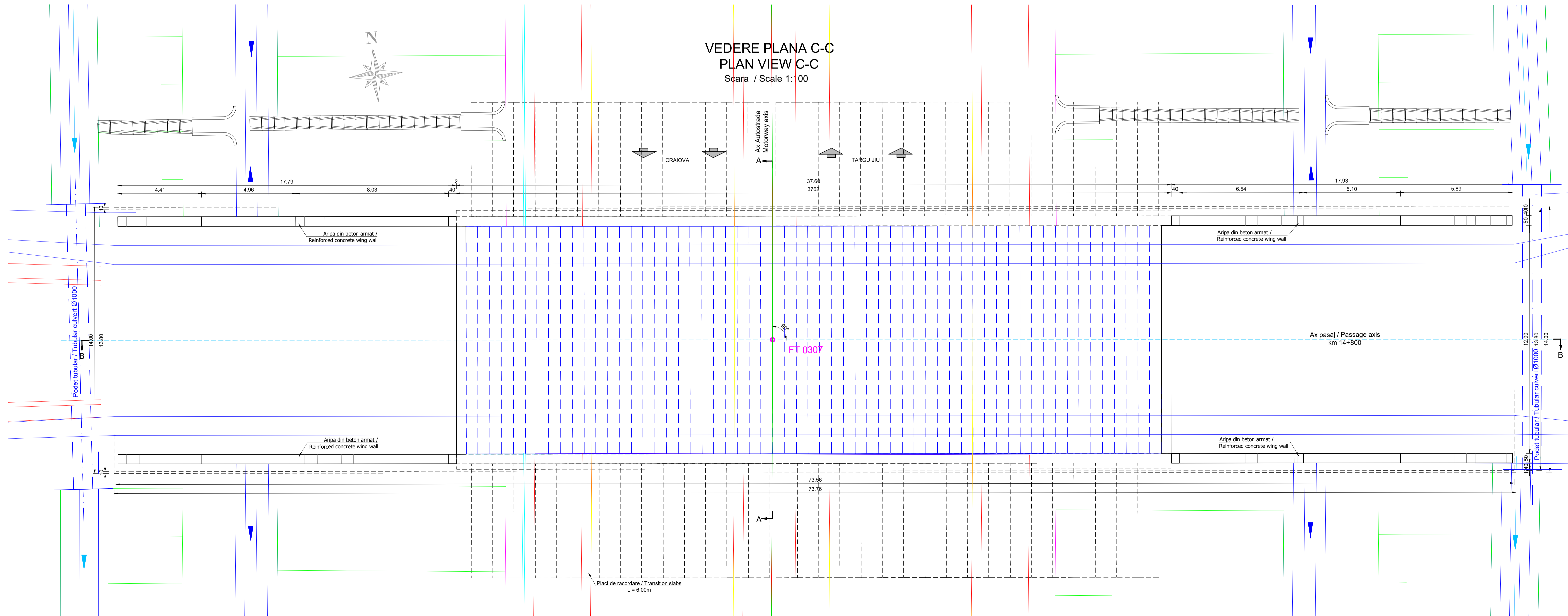
ELEVATIE B-B  
ELEVATION B-B  
Scara 1:100 / Scale 1:100



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	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
Antebrauri / Cross beams	C35/45	XC1 XD3
Parapet / Parapet	C30/37	XC4 XF2
Fundații parapet / Parapet foundations	C30/37	XC4
Aripa / 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  
Life span: 120 years  
Convoaie de calcul Loading convoys  
LM1 - conf. SR EN 1991-2:2005  
LM2 - conf. SR EN 1991-2:2005  
Categorie de importanta: "B"  
Importance category: "B"  
Grad de seismicitate: "B", acc. SR 11100/1-03  
a<sub>s</sub>=0.20g, T<sub>c</sub>=1.0s conf. P100-1:2013  
Exigente de verificare faza PT: A4, B2, D  
At

Life span: 120 years  
Loading convoys  
LM1 - conf. SR EN 1991-2:2005  
LM2 - conf. SR EN 1991-2:2005  
Importance category: "B"  
Seismic area characteristics: "B", acc. SR 11100/1-03  
a<sub>s</sub>=0.20g, T<sub>c</sub>=1.0s conf. 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 volume Roadworks.
- Possible improvements of the foundation ground will be executed according to recommendations of the Geotechnical Study.

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

Proiectant / Designer: ASOCIEREA DE PROIECTARE SEARCH CORPORATION EGIS ROMANIA SA

Elaborare studiu de fezabilitate și proiect tehnic pentru Autostrada Craiova-Flas și drum expres motorway și Flas-Targu Jiu Express Road.

Lucrari de poduri, viaducte și pasaje: BRIDGES, VIADUCTS AND PASSAGES WORKS

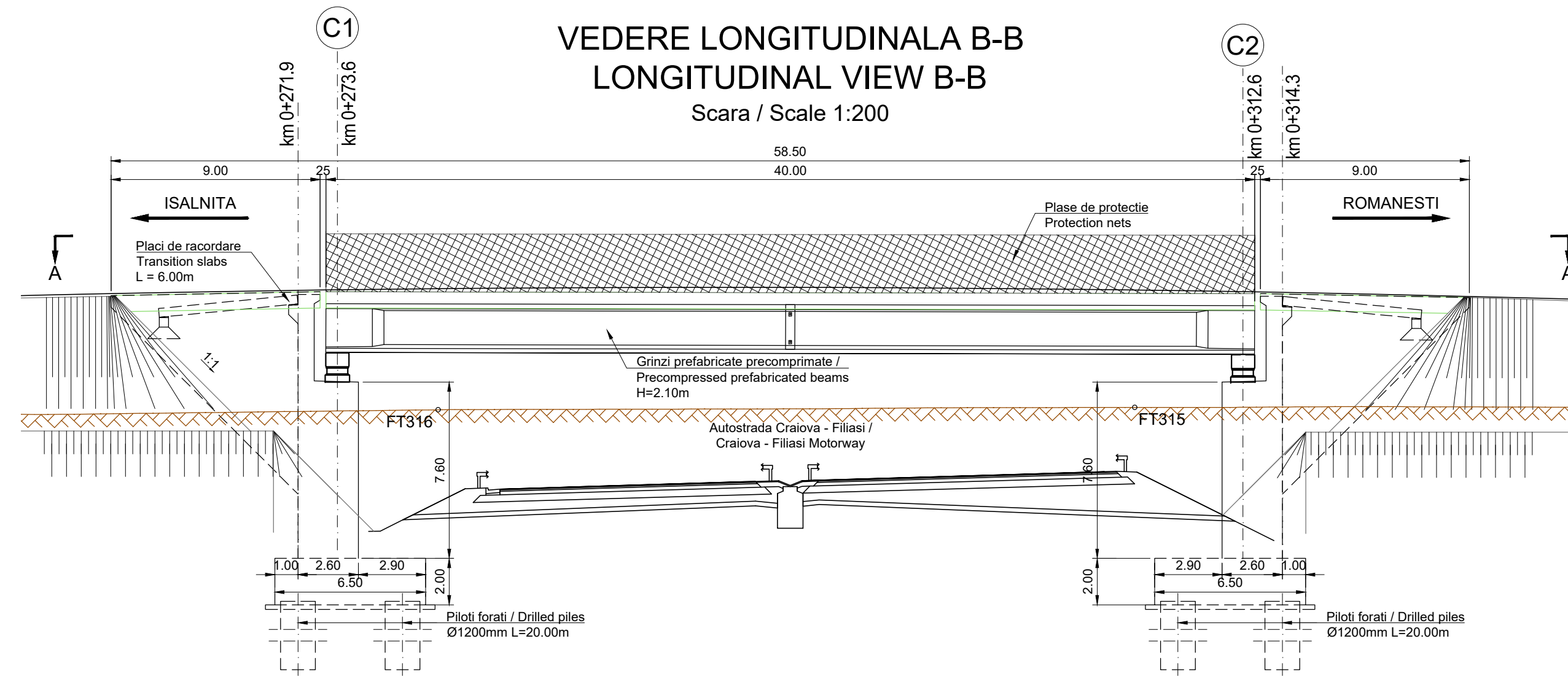
Dispozitie generala: Plan de Autostrada km 14+794 peste Drum local 4 / Passage on Motorway km 14+794 over Local road 4

Coordonator proiect / Project coordinator: R. THADANI  
Proiectant / Designer: G. PERCOCU  
Inginer proiectant / Design engineer: G. BARDONCEA  
Inginer proiectant / Design engineer: M. ANDREI  
Verificator intern / Internal checker: A. PROCAN

Contract nr. 602/25/19  
Date: 10/2023  
Cod desen: 2579-G17-SP-21-A-3-2005-S-04-R00

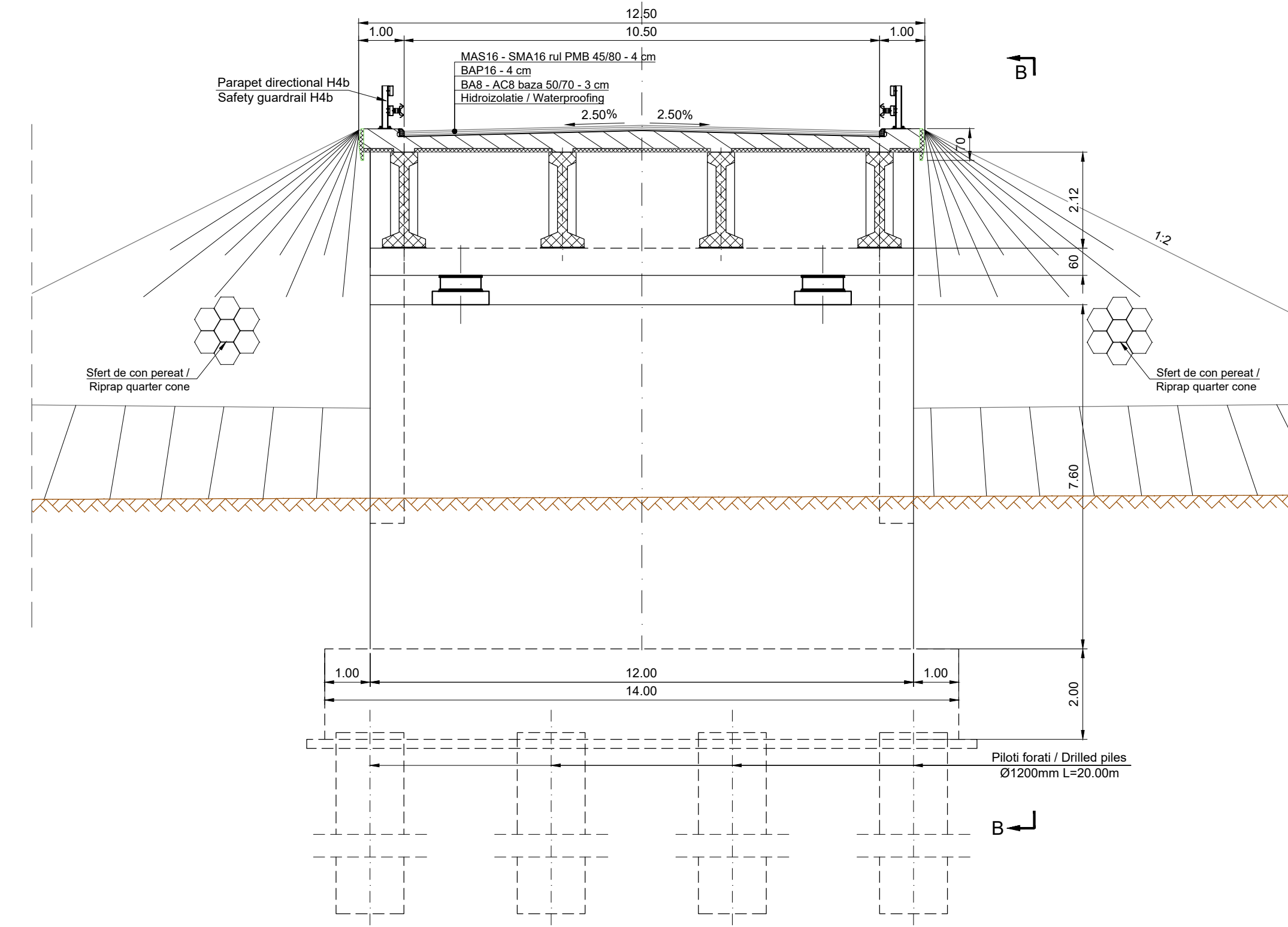
VEDERE LONGITUDINALA B-B  
LONGITUDINAL VIEW B-B

Scara / Scale 1:200

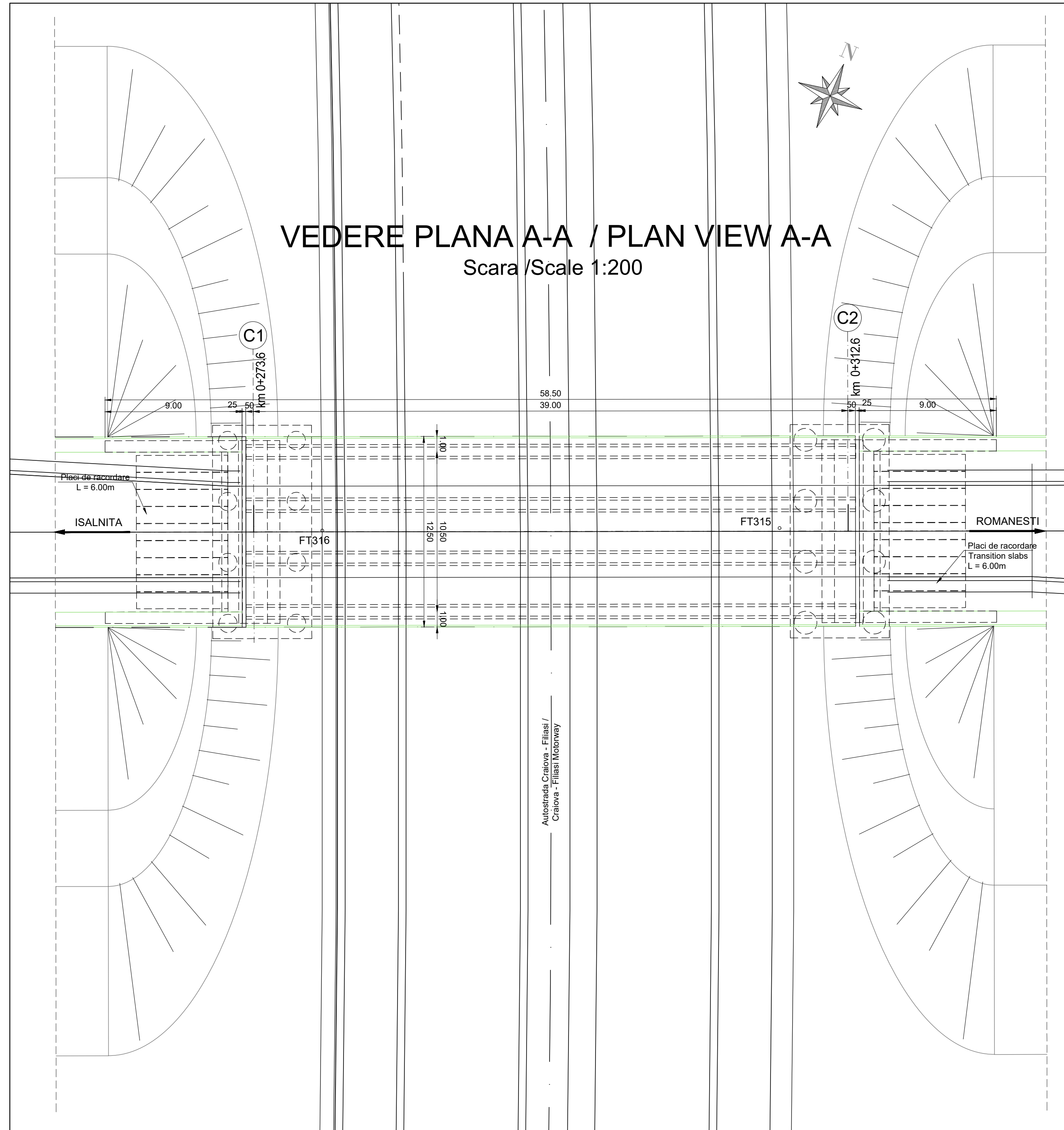


SECTIUNE TRANSVERSALA CULEE C1  
CROSS SECTION ABUTMENT C1

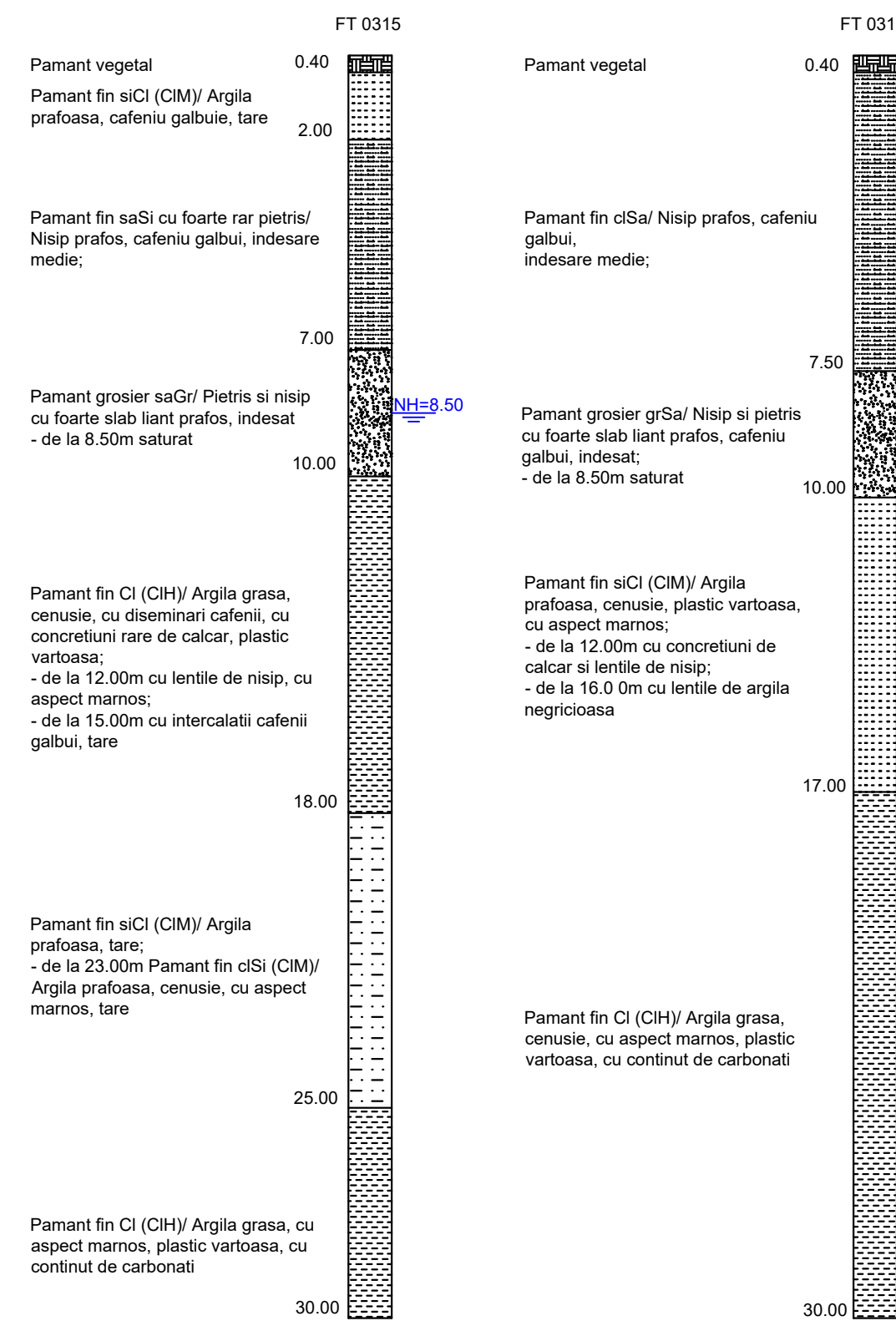
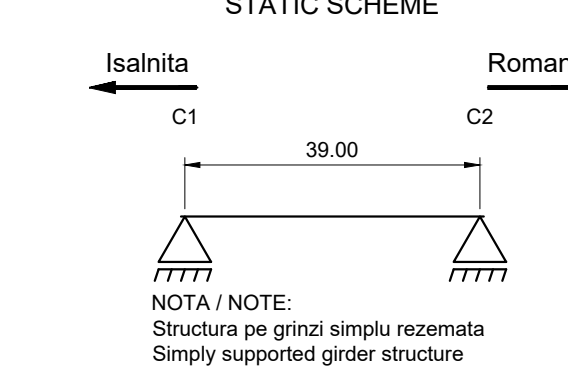
Scara / Scale 1:100



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



SCHEMA STATICA  
STATIC SCHEME



CENTRALIZATOR CLASE DE BETON CONCRETE CLASS SUMMARY		
Element / Element	Clasa de beton / Concrete class	Clase de expunere / Exposure classes
Beton de egalizare / Levelling concrete	C12/15	X0
Piloți 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
Antreloaze / 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 / Preslabs	C35/45	XC3 XF1 XF3

Durata de viata: 120 ani Convizia de calcul LM1 - conf. SR EN 1991-2:2005 LM2 - conf. SR EN 1991-2:2005 Categorija de importanta: "B" Grad de seismicitate: "B <sub>2</sub> ", 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: "B <sub>2</sub> ", 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: A4, B2, D Af
---	---

Conform recomandarilor Studiului Geotehnic structura este fundata indirect pe piloti forati. Diametrul si 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 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 volume Roadworks.
- 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 STUDIULUI DE FEZABILITATE SI PROIECT TEHNIC PENTRU AUTOSTRADA CRAIOVA-FILIASI SI DRUMUL 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 Drum Local  
la km 16+000 peste Autostrada /  
Passage on Local road  
pk 16+000 over Motorway

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

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

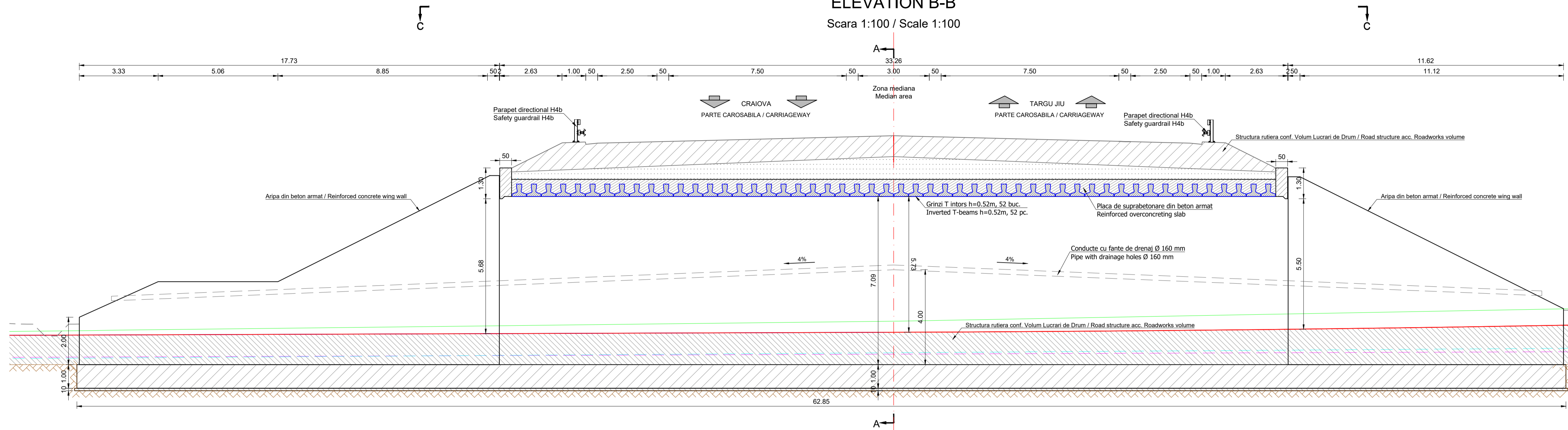
INGINIER PROIECTANT DE PODURI / BRIDGE DESIGN ENGINEER: G. BARONCEA

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

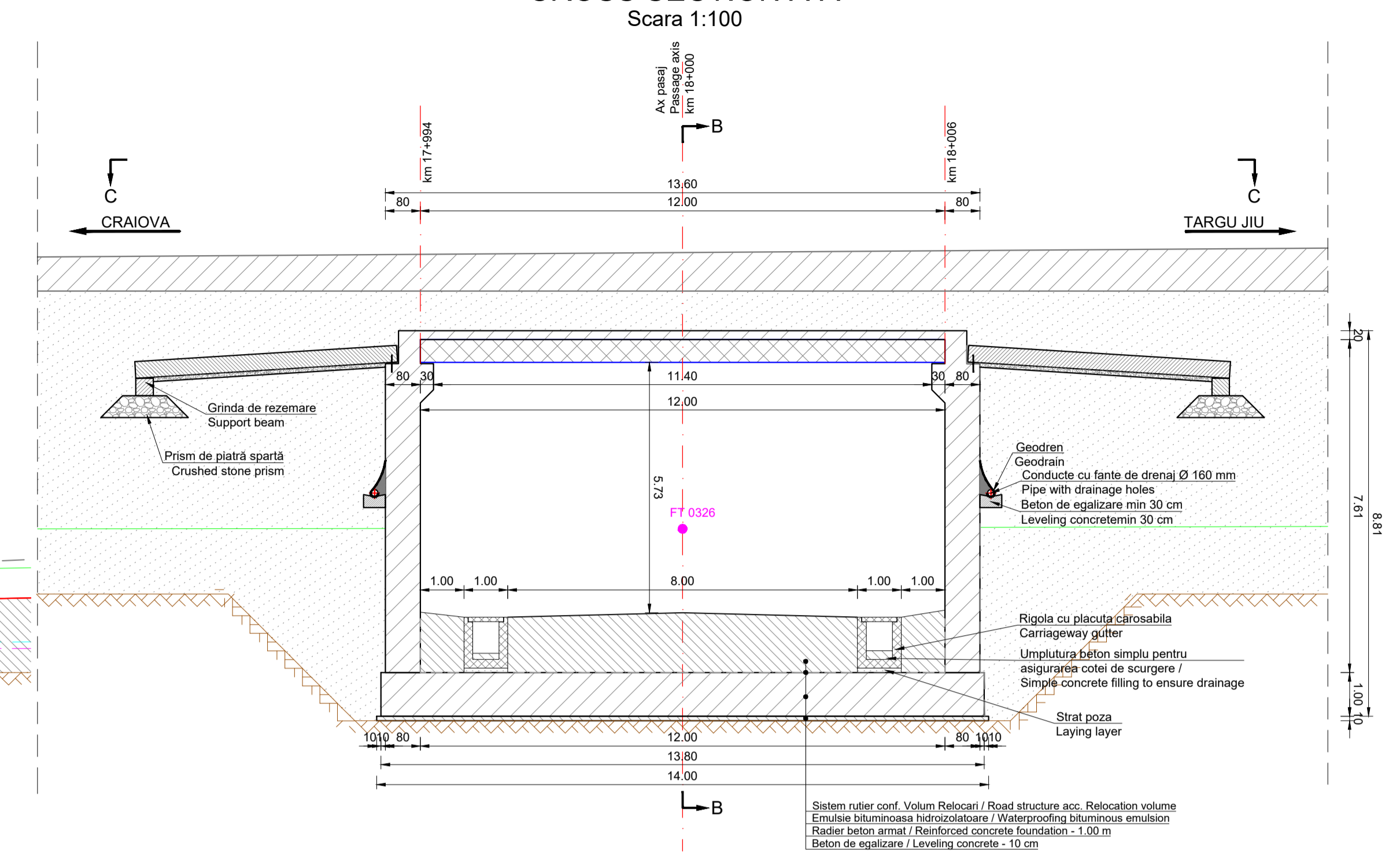
VERIFICATOR INTERN / INTERNAL CHECKER: A. PRODAN

Contract nr. 92/2579 / Revision no. 0  
Data: 10/2023 / Scale: 1:200 / 1:100  
Cod desen: 2579-C1-SF-2A-3-DG-S\_05-R00 / Drawing number:

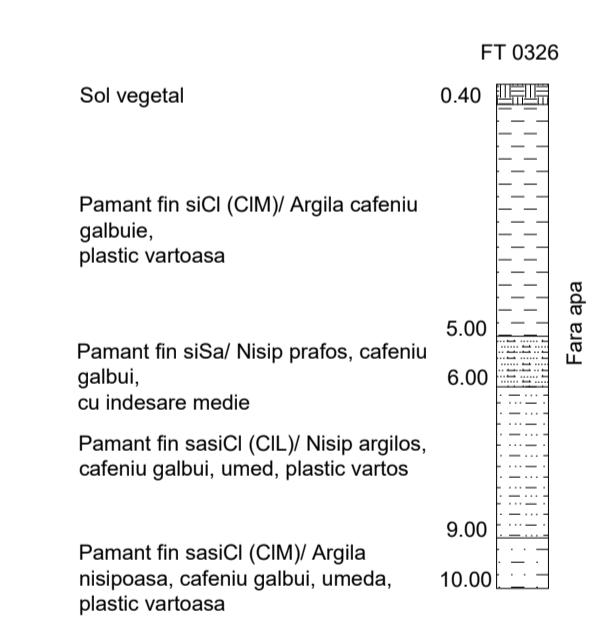
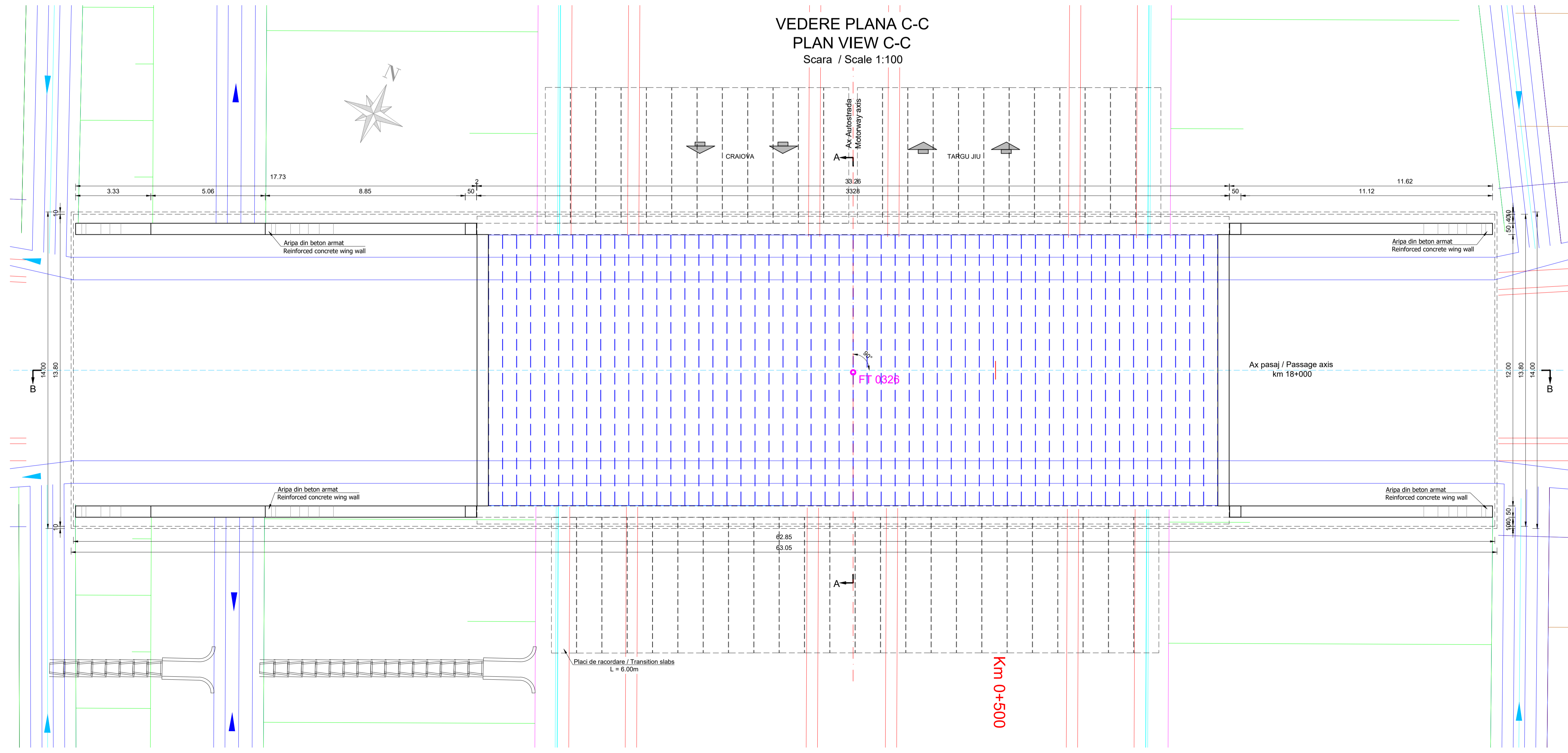
ELEVATIE B-B  
ELEVATION B-B  
Scara 1:100 / Scale 1:100



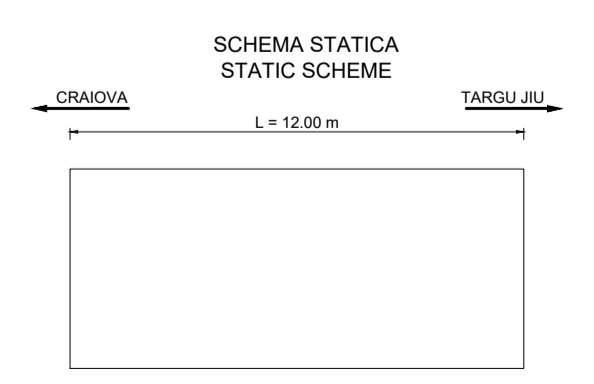
SECTIUNE A-A  
CROSS SECTION A-A  
Scara 1:100



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 / Levelling 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
Antrefozate / Cross beams	C35/45	XC1 XD3
Pensu / Riprap	C30/37	XC4 XF2
Fundatii pensu / Riprap foundations	C30/37	XC4
Aripi / Wing Walls	C35/45	XC4 XD3 XF4
Grinz prefabricate / Prefabricated beams	C50/60	XC3 XF1 XF3
Prestale / Prestabs	C35/45	XC3 XF1 XF3



Durata de viata: 120 ani  
Life span: 120 years

Convoaie 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",  
acc. 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

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: 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 volume Roadworks.
- Possible improvements of the foundation ground will be executed according to recommendations of the Geotechnical Study.

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

**PROIECTANT / DESIGNER ASSOCIATION:** egis SEARCH CORPORATION

**ELABORARE STUDIUL DE FEZABILITATE SI PROIECT TEHNIC PENTRU AUTOSTRADA CRAIOVA-TARGU JIU DRUM EXPRES / PHASE A FEASIBILITY STUDY AND TECHNICAL DESIGN FOR CRAIOVA-TARGU JIU MOTORWAY AND PHASE A EXPRESS ROAD**

**DISPOZITIE GENERALA GENERAL LAYOUT**  
Faza de Autostrada / Phase of Motorway  
km 17+994 peste Drum local 5 / Passage on Motorway  
pk 17+994 over Local road 5

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

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

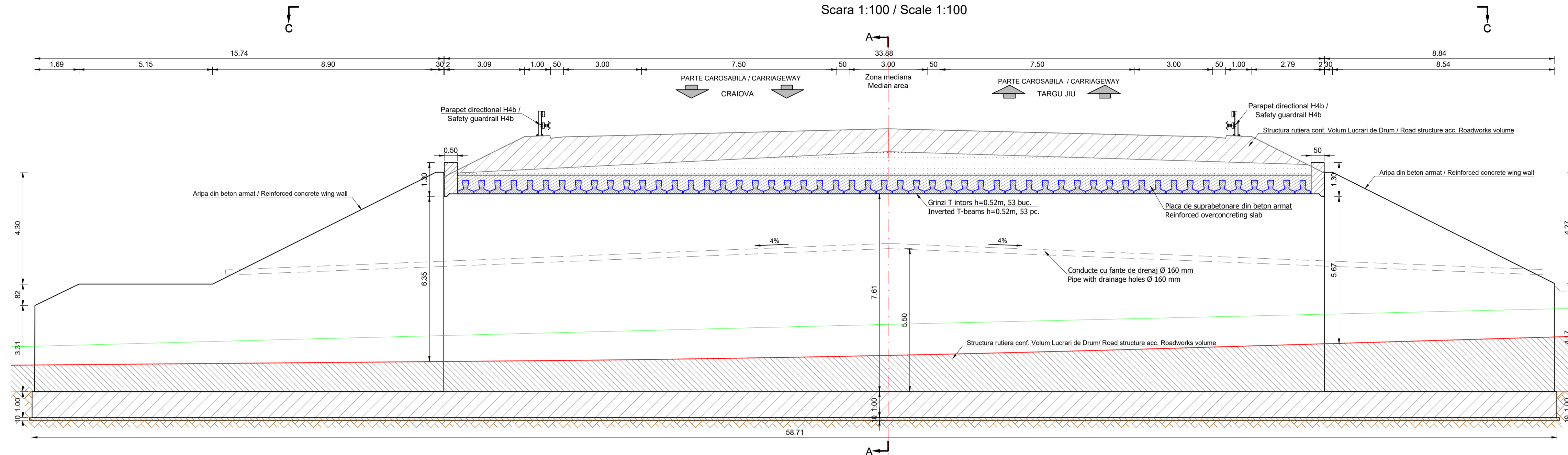
**INGINER PROIECTANT DE PODURI / BRIDGE DESIGN ENGINEER:** G. BARONCEA

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

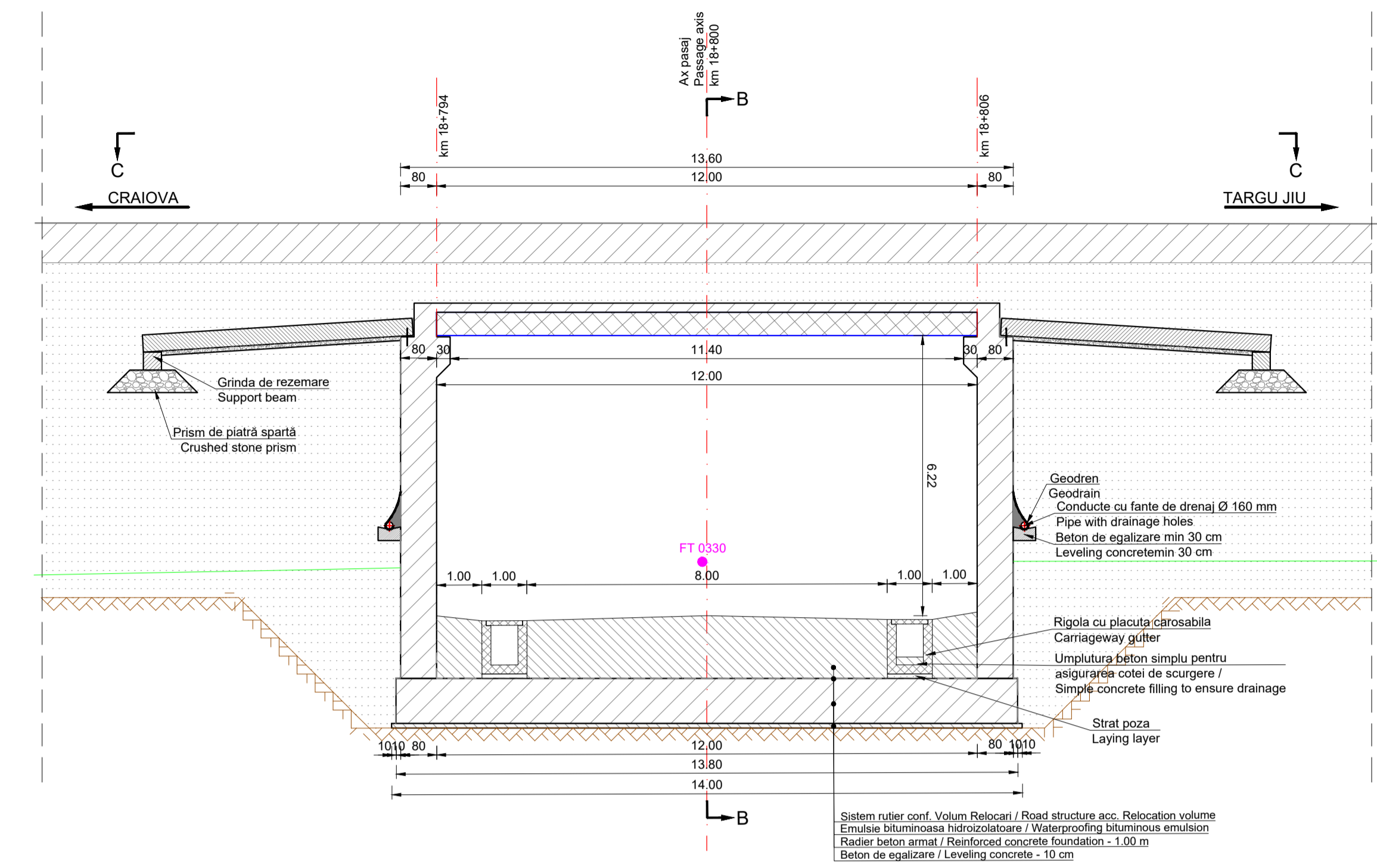
**VERIFICATOR INTERN / INTERNAL CHECKER:** A. PRODAN

Contract nr. 92/22/97  
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Date: 10/2023  
Cod desen: 2023-GT-18-2A-3-3-DG-8\_06/00  
Drawing number:

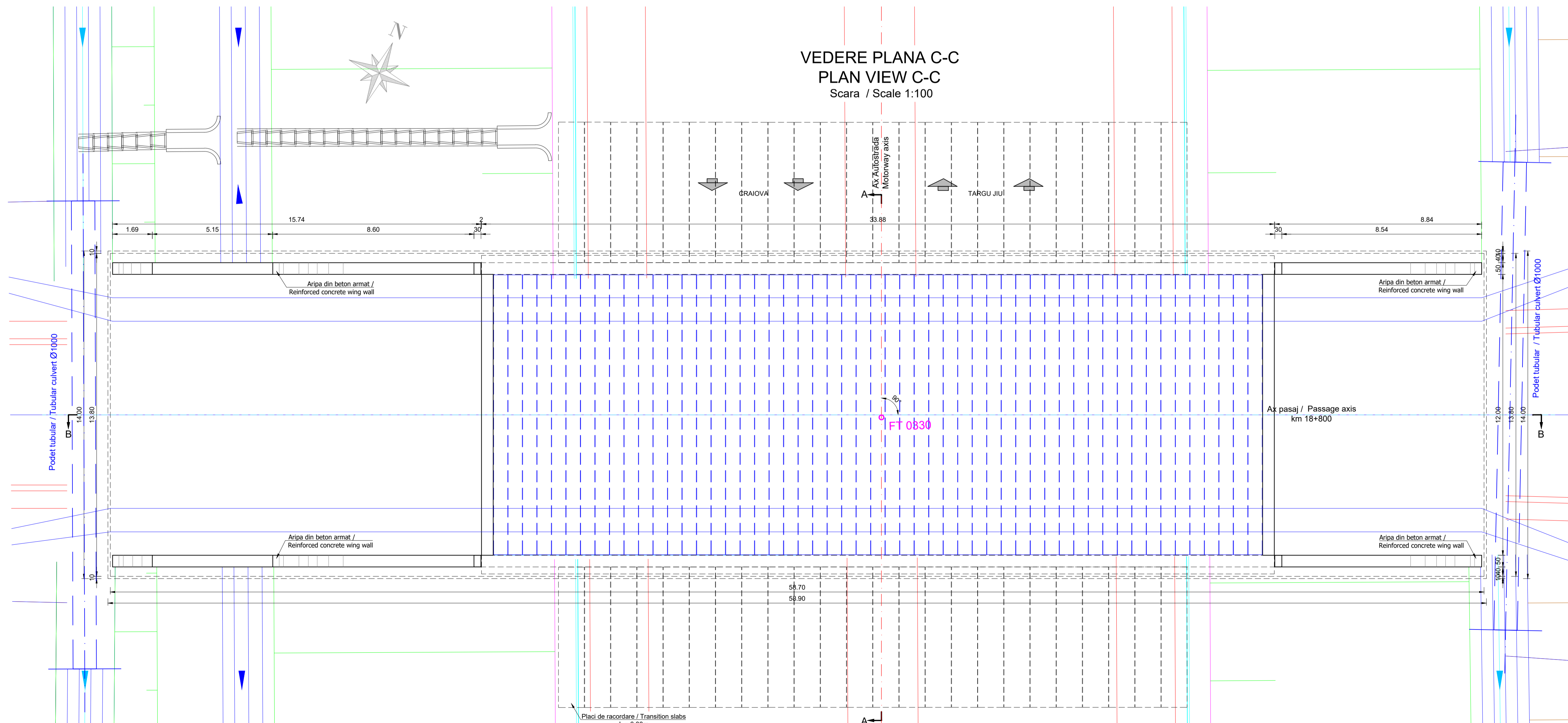
ELEVATIE B-B  
ELEVATION B-B  
Scara 1:100 / Scale 1:100



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

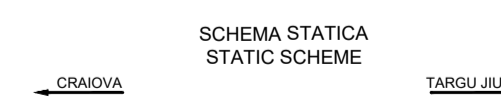


VEDERE PLANA C-C  
PLAN VIEW C-C  
Scara / Scale 1:100



**CENTRALIZATOR CLASE DE BETON  
CONCRETE CLASS SUMMARY**

Element / Element	Clasa de beton / Concrete class	Clase de expunere / Exposure classes
Beton de egalizare / Leveling concrete	C12/15	X0
Piloti forati / Drilled piles	C30/37	XC4
Rastare / 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 pereti / Riprap foundations	C30/37	XC4
Aripi / Wing Walls	C35/45	XC4 XD3 XF4
Grinda prefabricata / Prefabricated beams	C50/60	XC3 XF1 XF3
Predale / Prestabs	C35/45	XC3 XF1 XF3



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

Durata de viata: 120 ani  
Convale 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>=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 11100/1-93  
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 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 volume Roadworks.
- 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  
EGIS ROMANIA SA

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

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

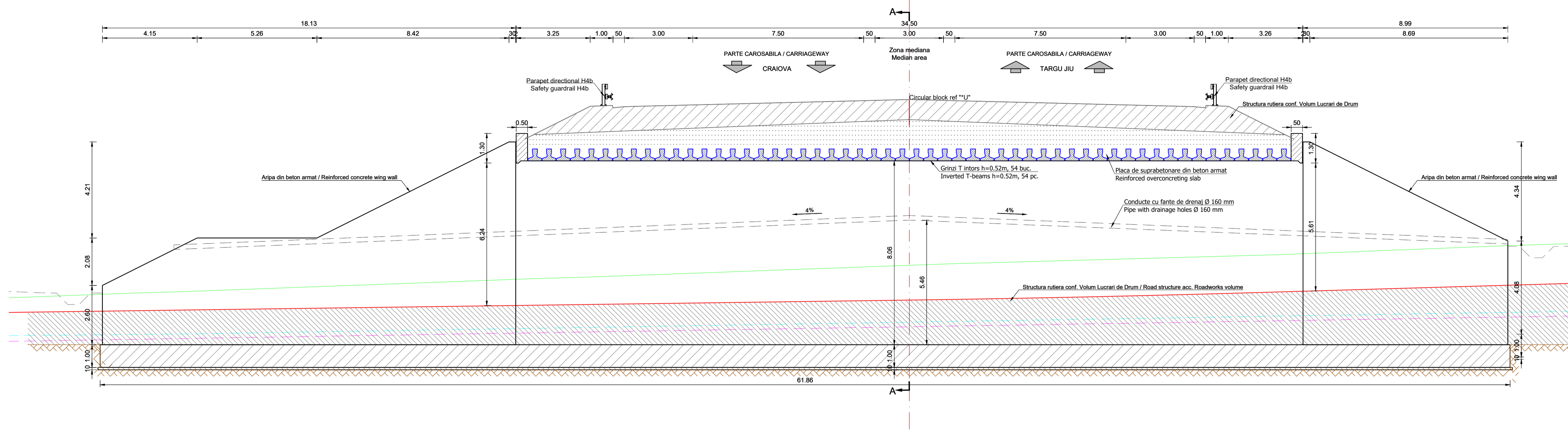
**DISPOZITIE GENERALA  
GENERAL LAYOUT**  
Faza de Autostrada  
km 18+794 peste Drum local 6 /  
Passage on Motorway  
pk 18+794 over Local road 6

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

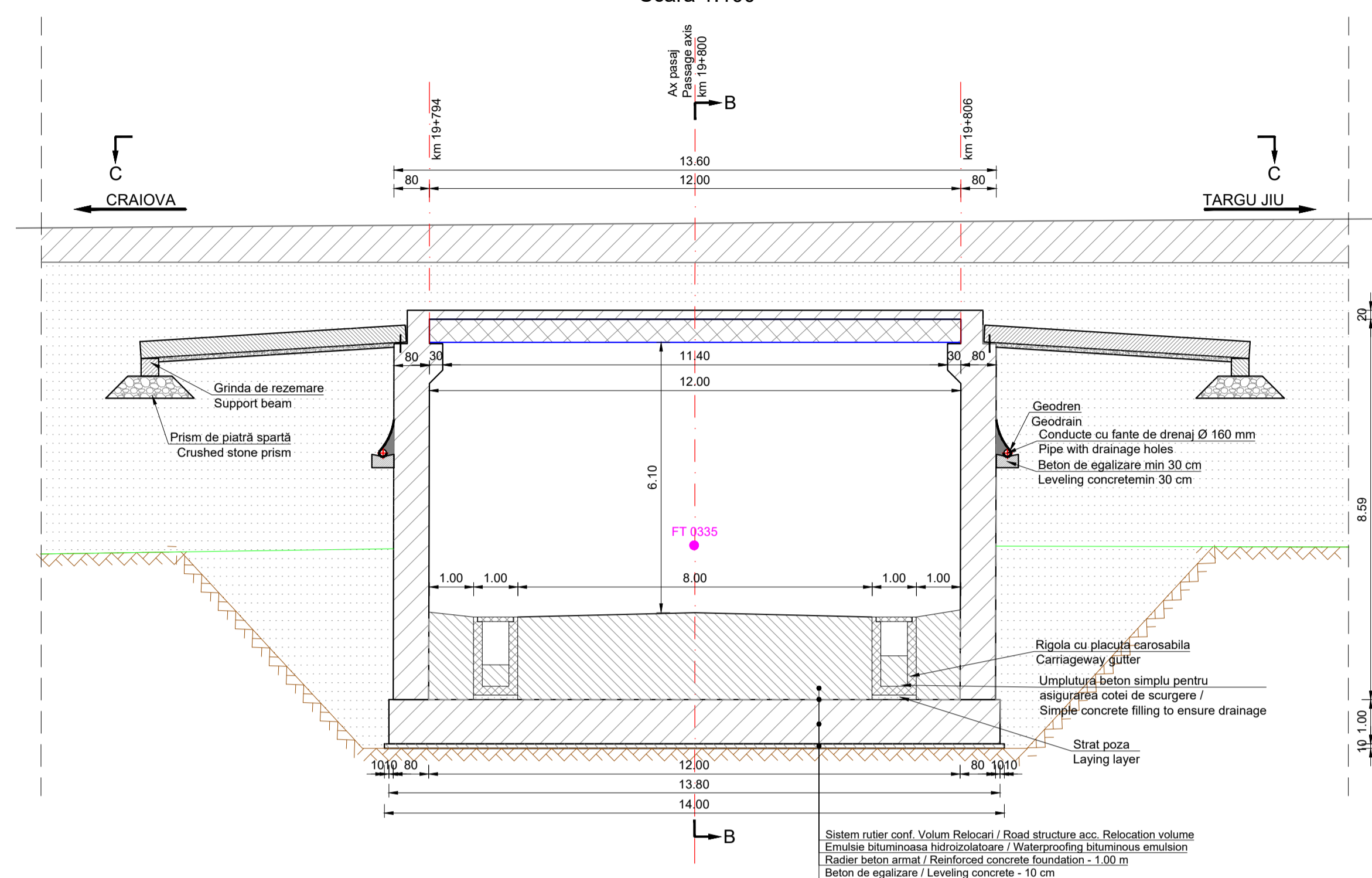
Contract nr. 92/2579  
Contract no. 92/2579  
Date: 10/2023  
Date: 10/2023  
Cod desen: 2023-GT-18-2A-3-3-DG8\_07-00  
Drawing number:



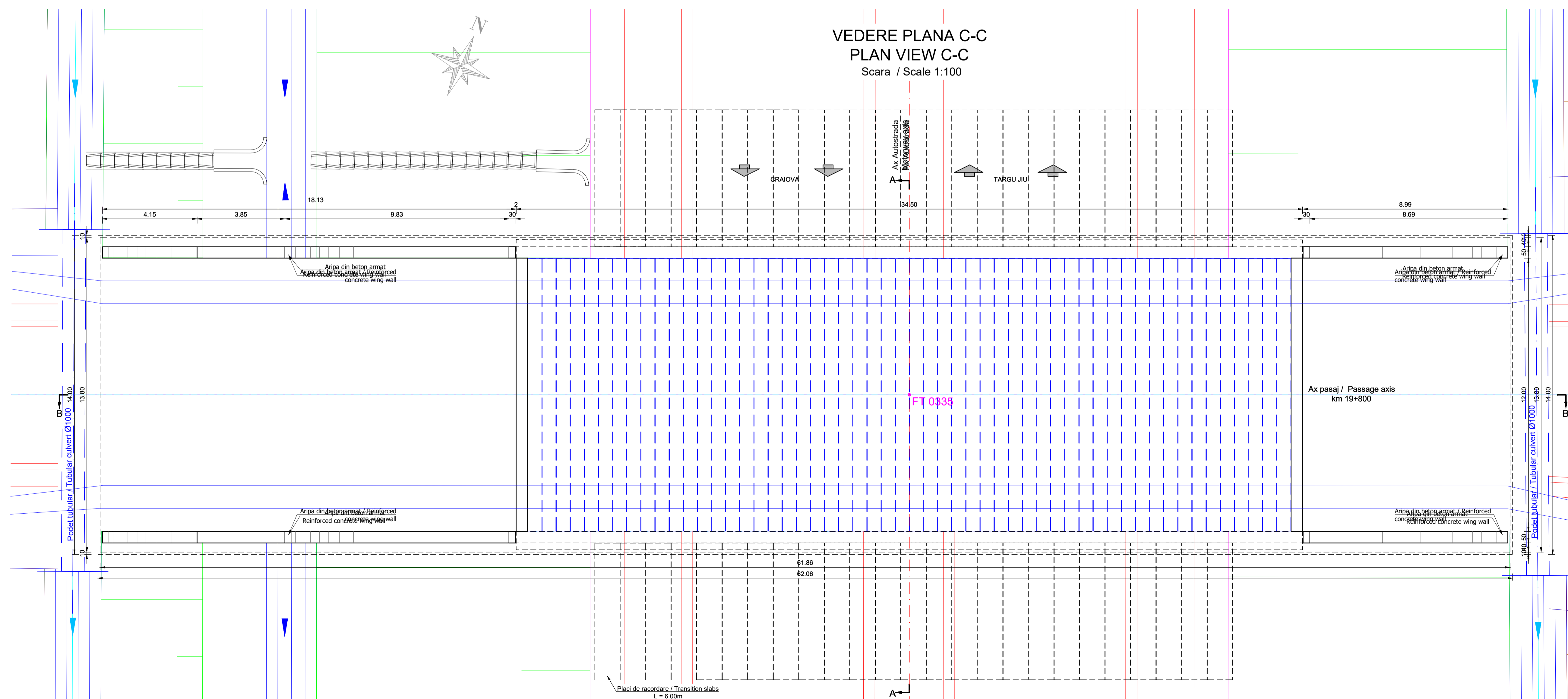
ELEVATIE B-B  
ELEVATION B-B  
Scara 1:100 / Scale 1:100



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

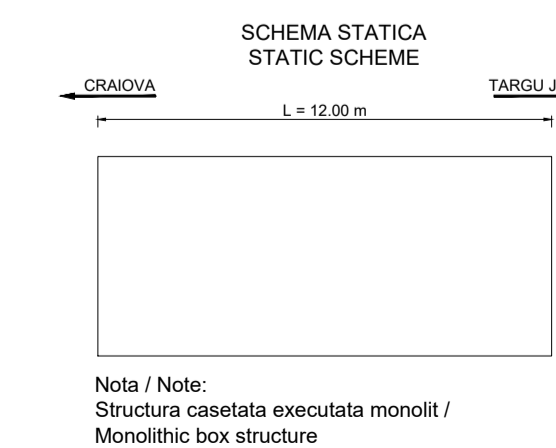


VEDERE PLANA C-C  
PLAN VIEW C-C  
Scara / Scale 1:100



**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
Antrebraze / 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
Prezale / Prestabs	C35/45	XC3 XF1 XF3



**Durata de viata: 120 ani**  
Convloaie 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  
 $a_s=0.20g$ ,  $T_c=1.0s$  conf. P100-1:2013  
Exigente de verificare faza PT: A4, B2, D Af

**Lifespan: 120 years**  
Loading convovys 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  
 $a_s=0.20g$ ,  $T_c=1.0s$  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 volume Roadworks.**

**• Possible improvements of the foundation ground will be executed according to recommendations of the Geotechnical Study.**

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

**PROIECTANT / ASSOCIATION / DESIGNER ASSOCIATION:** EGIS ROMANIA SA

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

**DISPOZITIE GENERALA GENERAL LAYOUT**  
Pasaj de Autostrada / Passage on Motorway  
pk 19+794 peste Drum local 7 / pk 19+794 over Local road 7

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

**INGINER PROIECTANT DE PROIECT / BRIDGE DESIGN ENGINEER:** G. PERICOLE

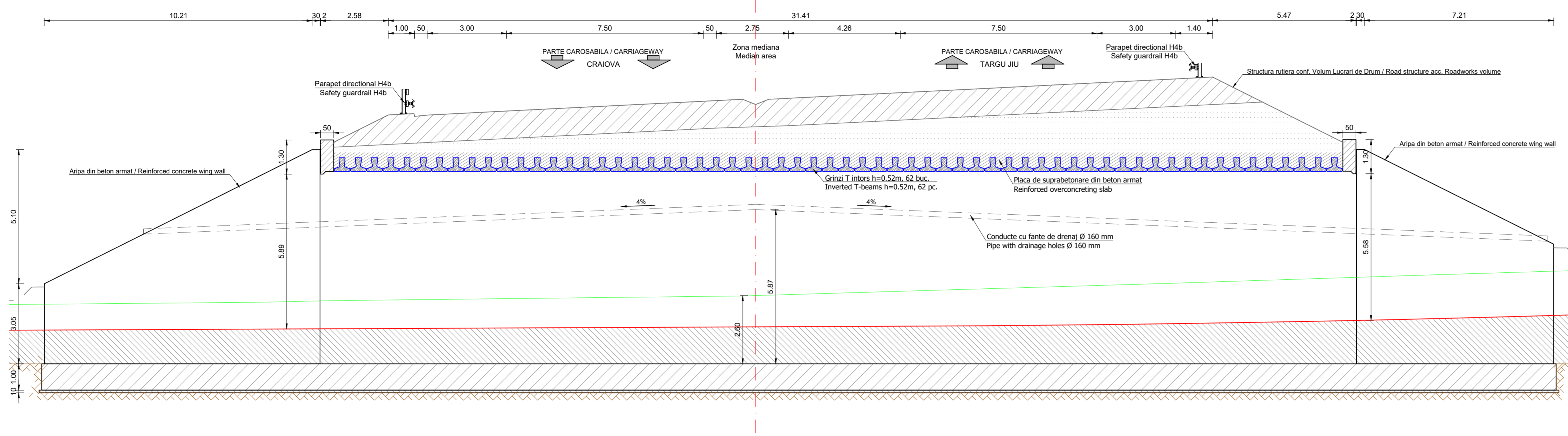
**INGINER PROIECTANT DE PODURI / BRIDGE DESIGN ENGINEER:** G. BARONCEA

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

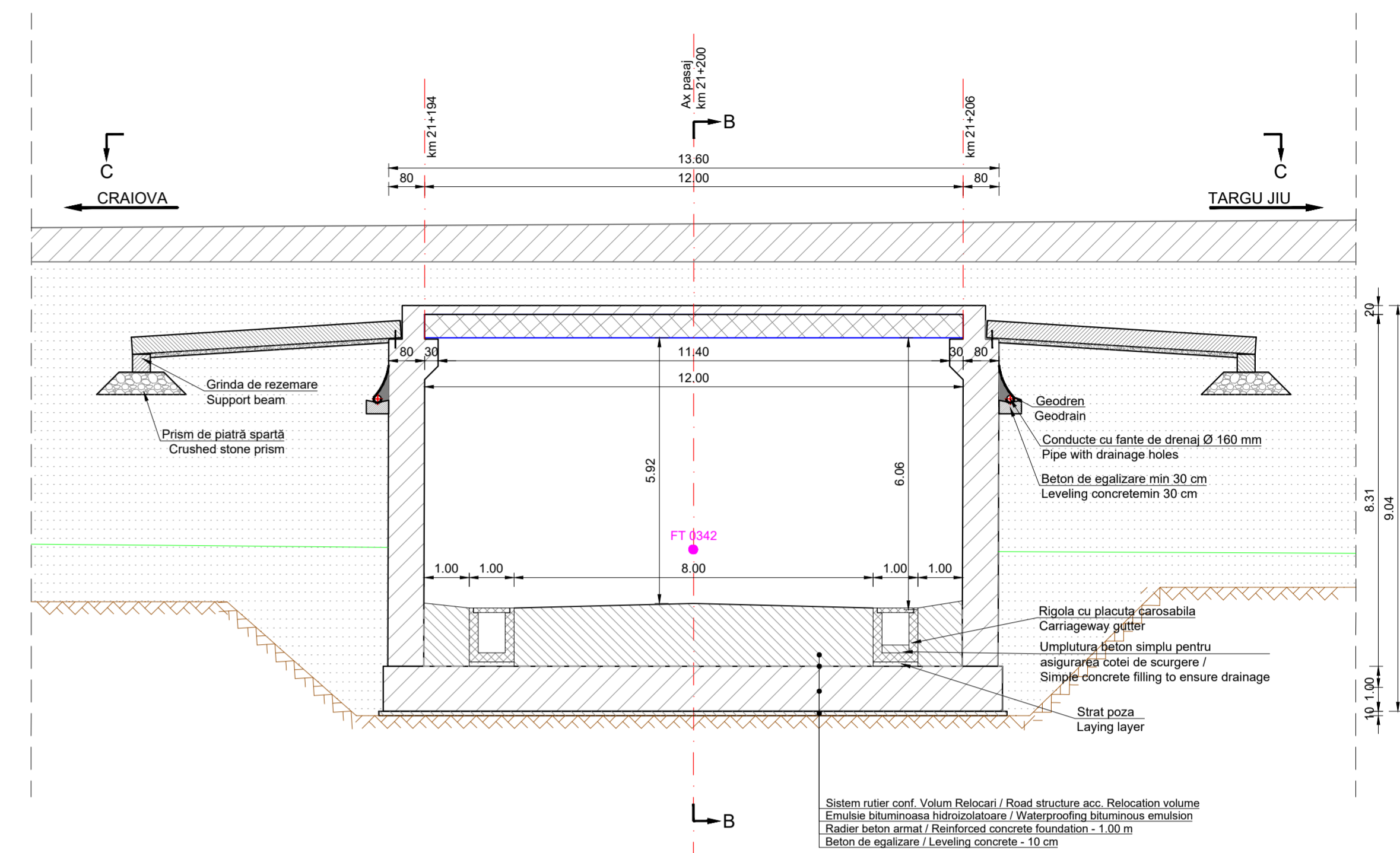
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**Contract nr. / Contract no.:** 92/2579  
**Data / Date:** 19/02/23  
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**Cod desen / Drawing number:** 2079-DT-SF-2A-3-3-DG-8\_07-00

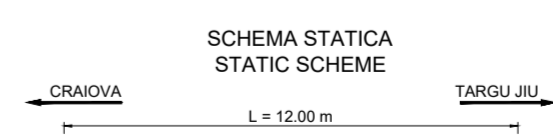
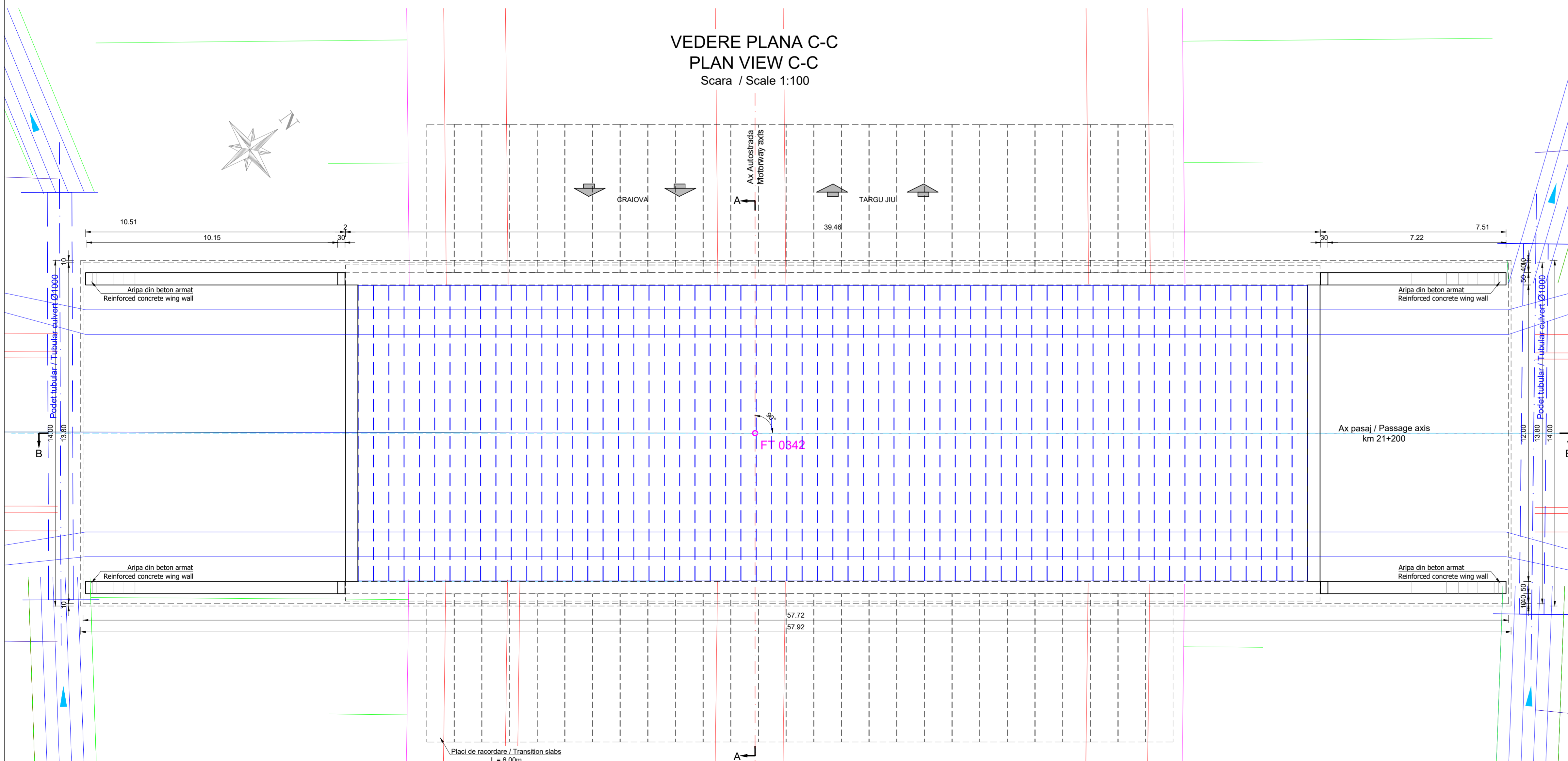
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ELEVATION B-B  
Scara 1:100 / Scale 1:100



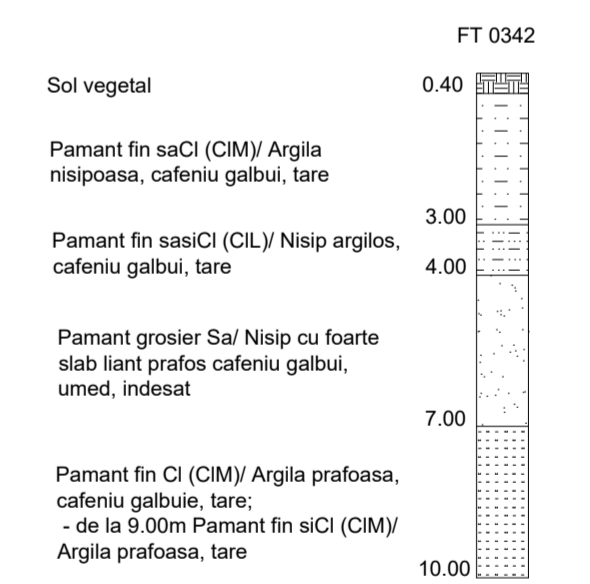
SECTIUNE A-A  
CROSS SECTION A-A  
Scara 1:100



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



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
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
Pereteu / 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  
Convoale 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>=1.0s 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", conf. 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: 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 volume Roadworks.
- 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 ADMINISTRATIVE COMPANY OF ROAD INFRASTRUCTURE

PROIECTANT ASOCIATA / DESIGNER ASSOCIATION: egis / SEARCH CORPORATION SRL

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

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

DISPOZITIE GENERALA GENERAL LAYOUT  
Pasaj pe Autostrada / Passage on Motorway  
km 21+194 peste Drum local B / Passage on Local road B

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

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

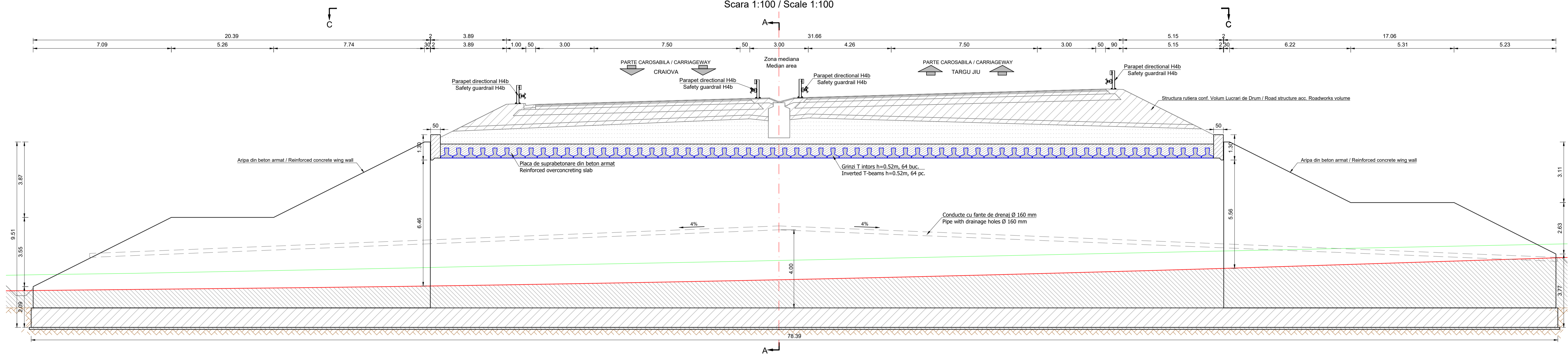
INGINER PROIECTANT DE PODURI / BRIDGE DESIGN ENGINEER: G. BARONCEA

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

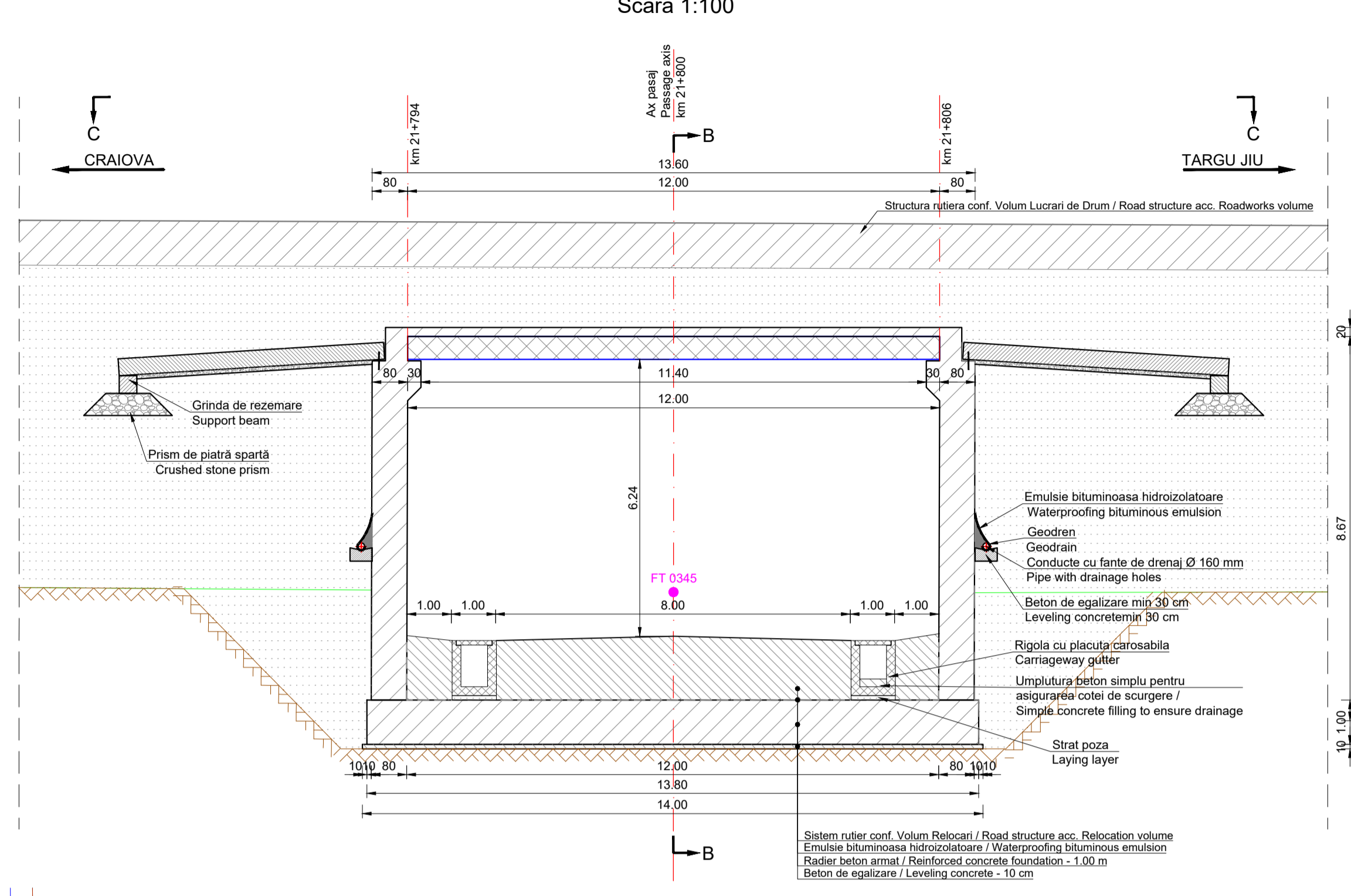
VERIFICATOR INTERN / INTERNAL CHECKER: A. PRODAN

Contract nr. g2/22579 / Contract no. / Revision no. / Date: 10/2023 / Scale: 1:100 / Desene: 2579/01-0F-2A.3.3.0C-9\_08/00 / Drawing number:

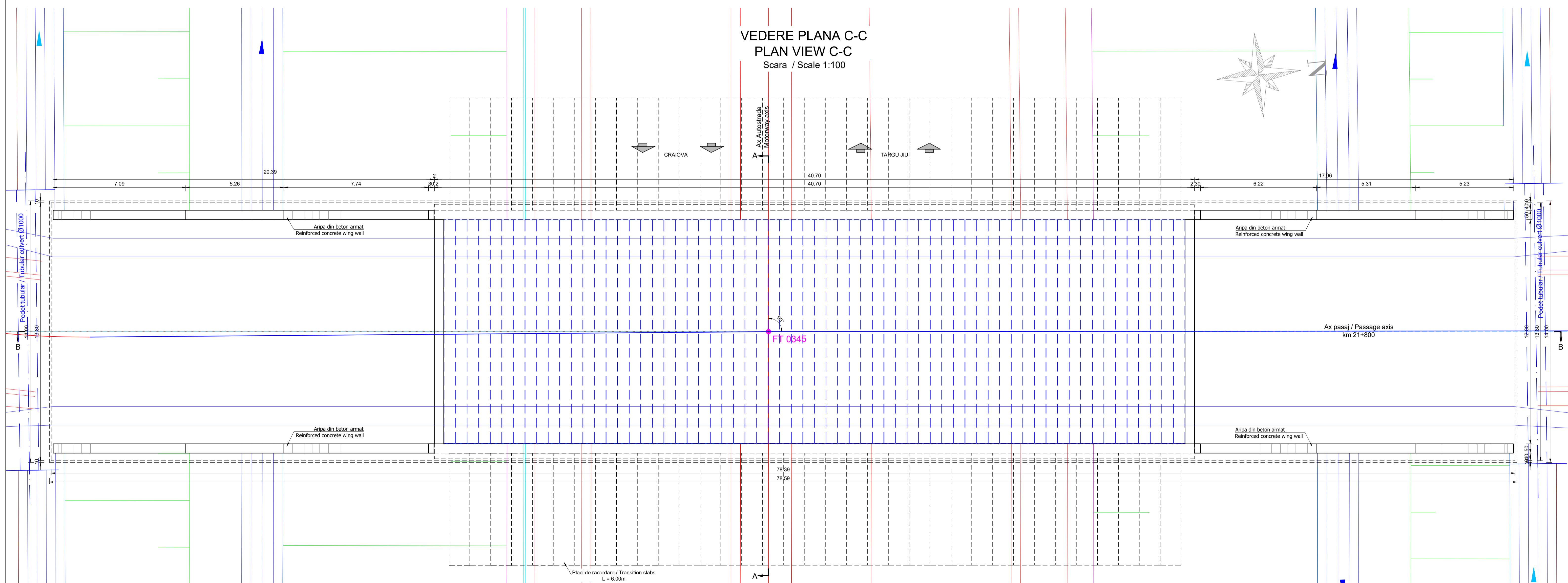
ELEVATIE B-B  
ELEVATION B-B  
Scara 1:100 / Scale 1:100



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

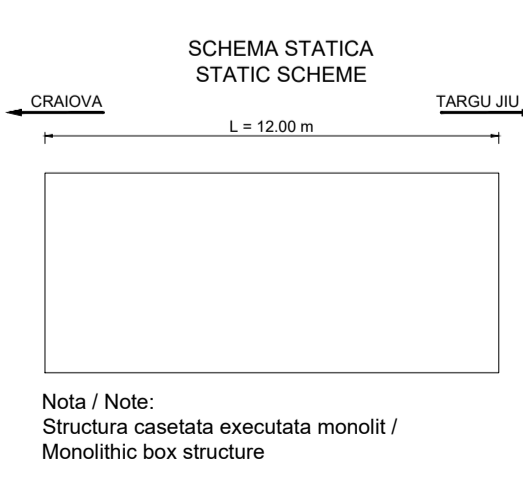


VEDERE PLANA C-C  
PLAN VIEW C-C  
Scara / Scale 1:100



CENTRALIZATOR CLASE DE BETON  
CONCRETE CLASS SUMMARY

Element / Element	Clasa de beton / Concrete class	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
Antelevatii / 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 / Preabsas	C35/45	XC3 XF1 XF3



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

Durata de viata: 120 ani  
Convnoia de calcul  
LM1 - conf. SR EN 1991-2:2005  
LM2 - conf. SR EN 1991-2:2005  
Categorioia de importanța: "B"  
Grad de seismicitate:  
77, 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  
A1

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:  
77, 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: A4, B2, D  
A1

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 volume Roadworks.
- Possible improvements of the foundation ground will be executed according to recommendations of the Geotechnical Study.

BENEFICIAR / CLIENT: COMPANIA NATIONALA DE CONSTRUCȚII INFRASTRUCTURĂ RUTIERE  
NATIONAL ADMINISTRATION COMPANY OF ROAD INFRASTRUCTURE

PROIECTANT / ASSOCIATED DESIGNER ASSOCIATION: EGIS ROMANIA SA  
CORPORATION SRL

ELABORARE STUDIUL DE FEZABILITATE SI PROIECT TERIC SI DRUM EXPRESS  
PREPARATION OF FEASIBILITY STUDY AND TECHNICAL DESIGN FOR CARRIAGEWAY AND MOTORWAY AND FLAG TARGU JIU EXPRESS ROAD.

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

DISPOZITIE GENERALA  
GENERAL LAYOUT  
Pasaj pe Autostrada  
Km 21+784 peste Drum local 9 /  
Passage on Motorway  
pk 21+784 over Local road 9

COORDONATOR PROIECT DE PROIECT: R. THADANI  
PROIECT COORDINATOR DEPUȘI: R. THADANI  
INGINER PROIECTANT DE PODURI: G. PERCICU  
INGINER PROIECTANT DE PODURI: G. BĂRCEA  
INGINER PROIECTANT DE PODURI: M. ANDREI  
VERIFICATOR INTERN: A. PRODAN

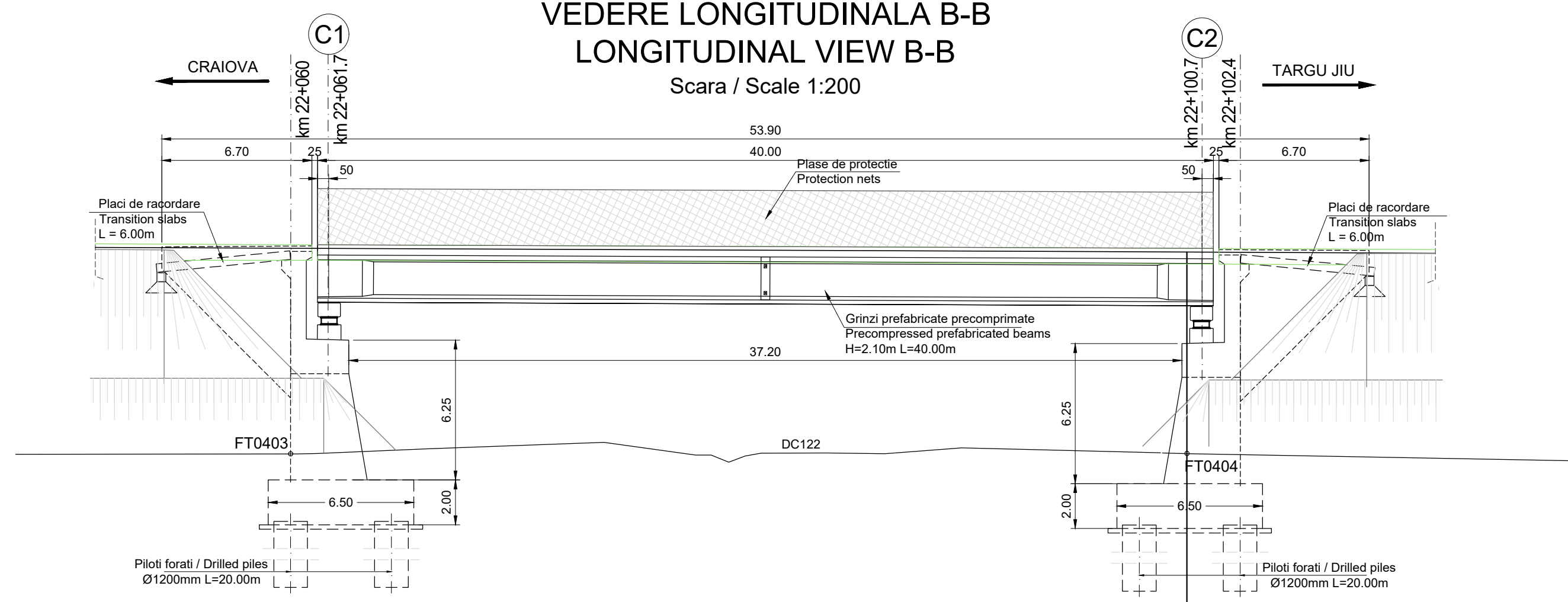
CONTRACT NR. 62/2023  
Date: 10/2023  
Cod desen: 2579-G17-RF-21-A-3-504-S-10-R00

SECTIUNE TRANSVERSALA CULEI C1  
CROSS SECTION ABUTMENT C1

Scara / Scale 1:100

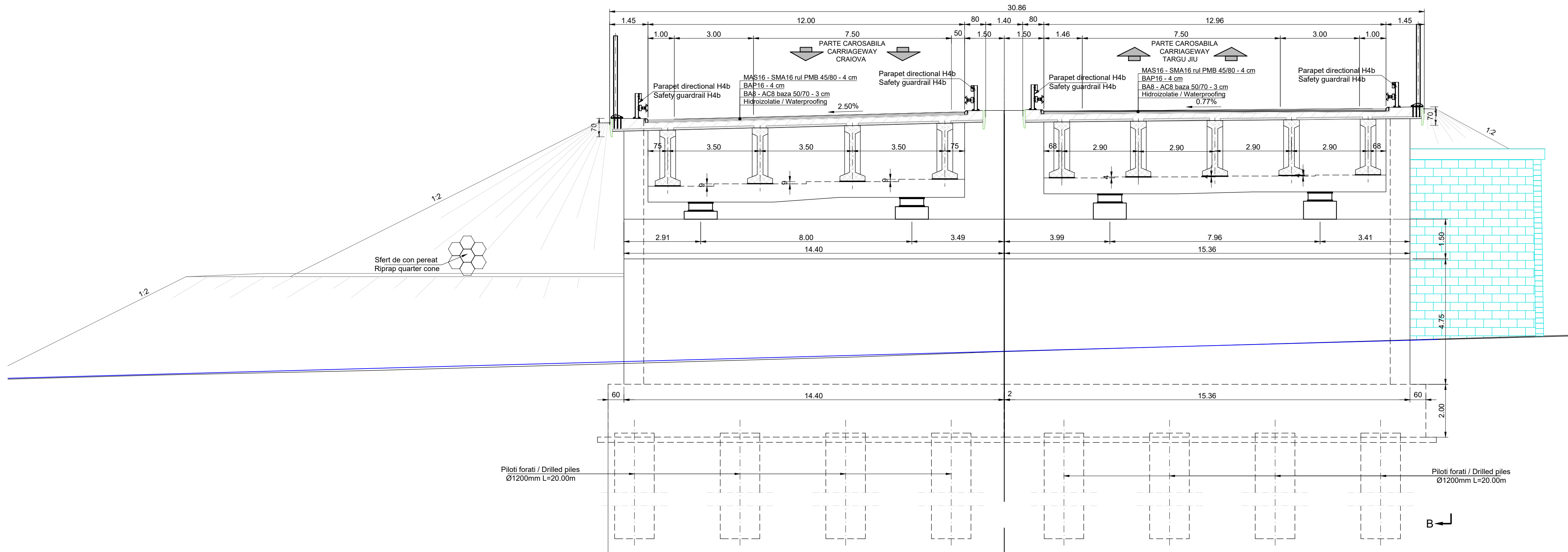
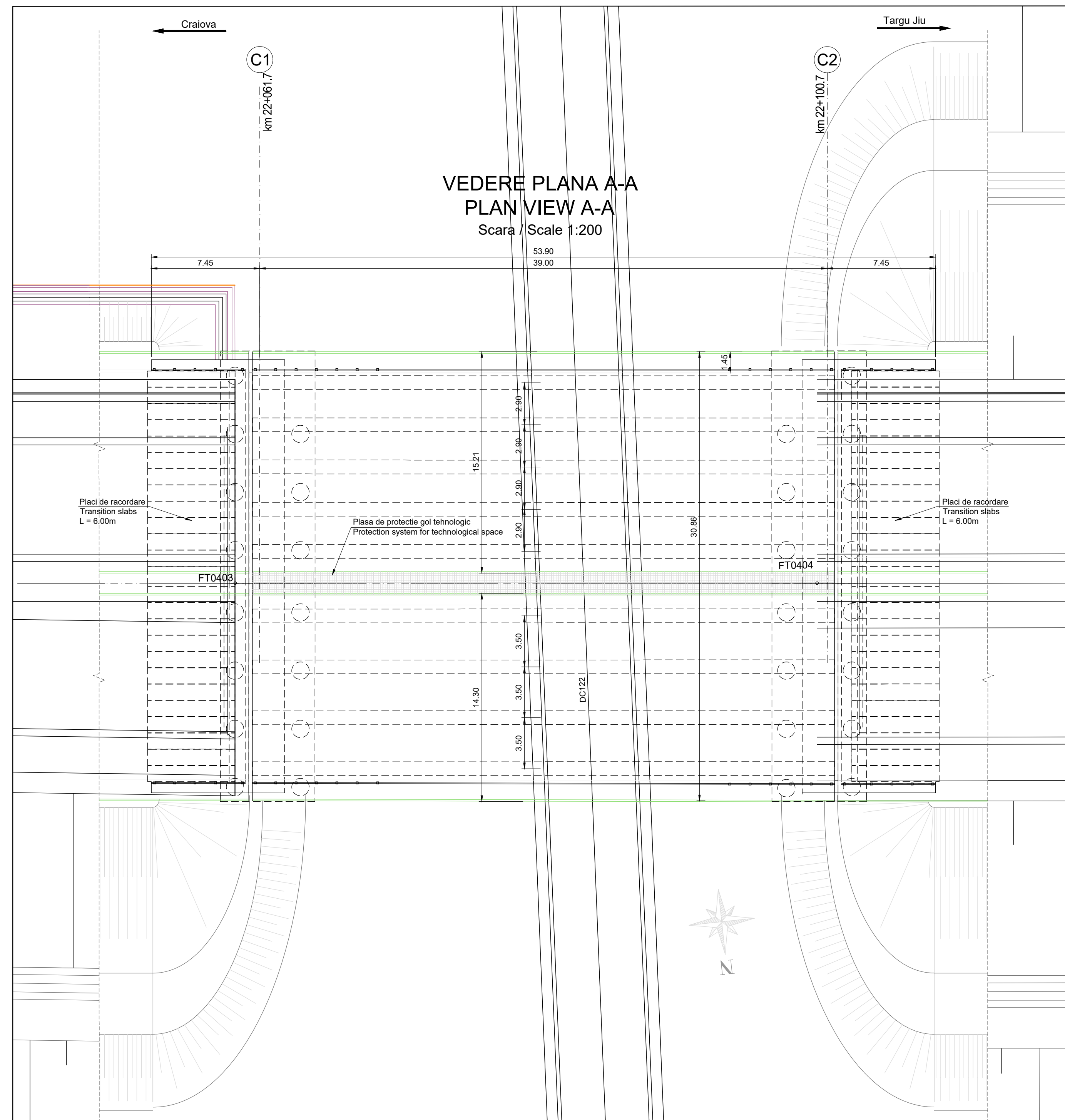
VEDERE LONGITUDINALA B-B  
LONGITUDINAL VIEW B-B

Scara / Scale 1:200

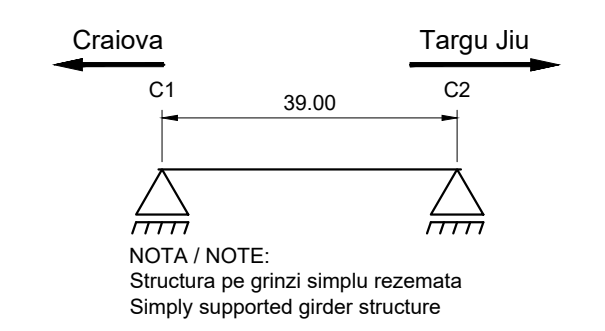


VEDERE PLANA A-A  
PLAN VIEW A-A

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 / Levelling 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
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 / Pre-slabs	C35/45	XC3 XF1 XF3

Element / Element	Clasa de beton / Concrete class	Clase de expunere / Exposure classes
Pământ vegetal	0.40	
Pământ fin sasi(CI) / Nisip argilos, cafeniu, plastic vartos cu plastificate mijlocie	3.50	
Pământ grosier Sa cu foarte rar pietris/Nisip cu foarte rar pietris si foarte slab liant prafos, cafeniu galbui, granulozitate foarte uniforma, cu indesare medie	5.00	
Pământ fin sasi(CI) / Nisip argilos, cafeniu galbui, plastic vartos cu plastificate mijlocie	8.00	
Pământ fin sasi(CI) / Nisip prafos, cafeniu galbui, granulozitate neuniforma, putin umed, cu indesare medie:	13.00	
- de la 9.00 m gabeni cafeniu;		
- de la 12.50 m saturat.		
Pământ fin CI (CIH) / Argila grasa, cenusie, cu concretini calcaroase, cu aspect marnos, plastic vartos cu plastificate foarte mare	17.00	
Pământ fin si(CI) / Argila prafosa, cenusie, cu concretini calcaroase, cu plastificate mare	22.00	
- de la 21.00 m cu lentile de nisip;		
- de la 25.00 m tare cu plastificate mare;		
- de la 29.00 m plastic vartos cu plastificate mare.		
Pământ fin sasi(CI) / Nisip nisipos, cenusiu, cu aspect marnos, granulozitate uniforma	19.00	
Pământ fin sasi(SI) / Nisip prafos, cenusiu, cu aspect marnos, granulozitate neuniforma, cu lentile de nisip argilos si cu concretini calcaroase	20.00	
Pământ fin si(CI) / Argila prafosa, cenusie, cu aspect marnos, plastic vartos cu plastificate mare, cu lentile de nisip argilos si cu concretini calcaroase	26.00	
Pământ fin si(SI) / Nisip argilos, cafeniu, plastic vartos cu plastificate mijlocie, granulozitate uniforma	30.00	

Durata de viata: 120 ani  
Lifespan: 120 years

Corvoaze de calcul  
Loading convoys

LM2 - conf. SR EN 1991-2:2005  
LM2 - acc. SR EN 1991-2:2005  
Importanta de importanta: "B"  
Categorie 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

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:**

- Reprzentarea 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 volume Roadworks.
- 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 / ASSOCIATION / DESIGNER ASSOCIATION:** egis CORPORATION SRL

**ELABORARE STUDIUL 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**

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

**DISPOZITIE GENERALA GENERAL LAYOUT**  
Pasaj pe Autostrada  
km 22+060 peste DC122 / Passage on Motorway pk 22+060 over DC122

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

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

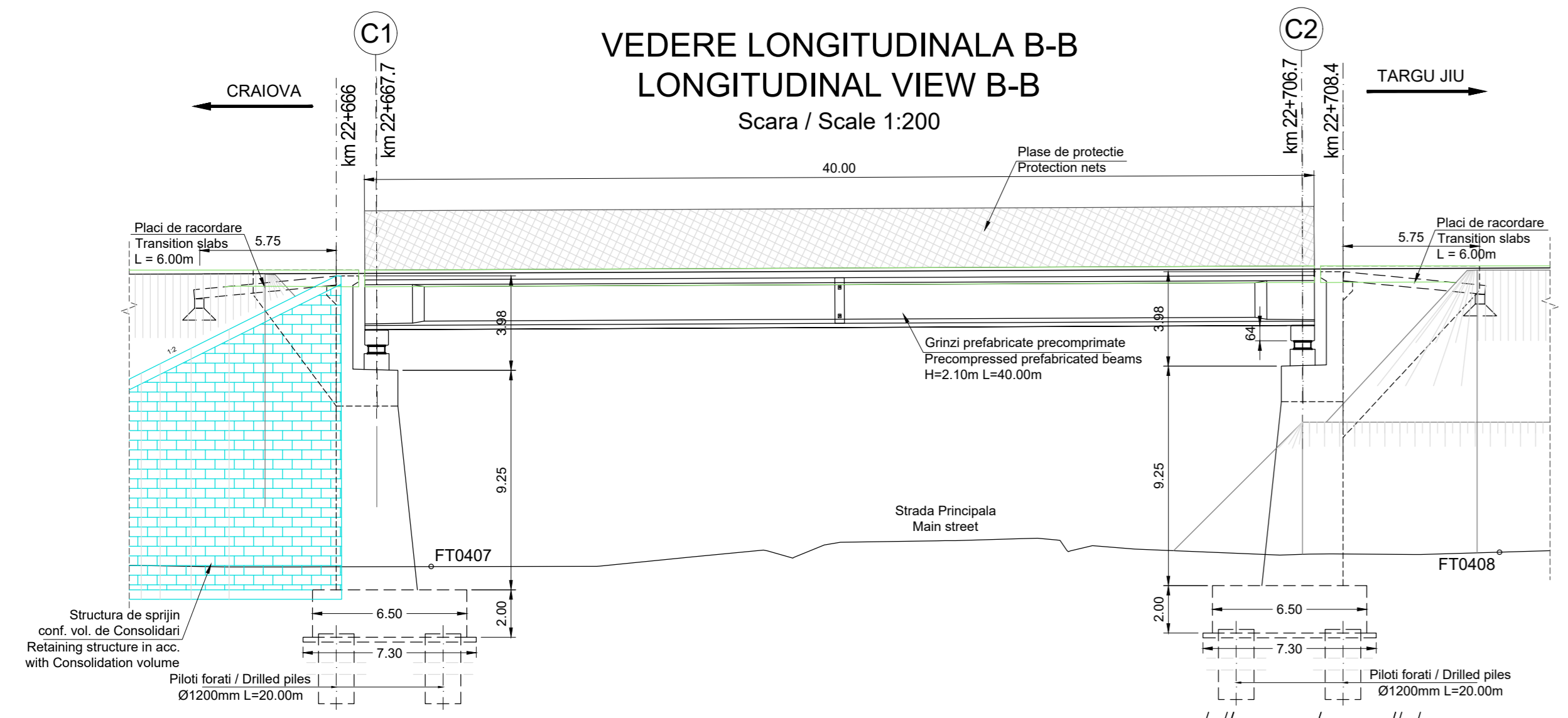
**INGINER PROIECTANT DE PODURI / BRIDGE DESIGN ENGINEER:** G. BARONCEA

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

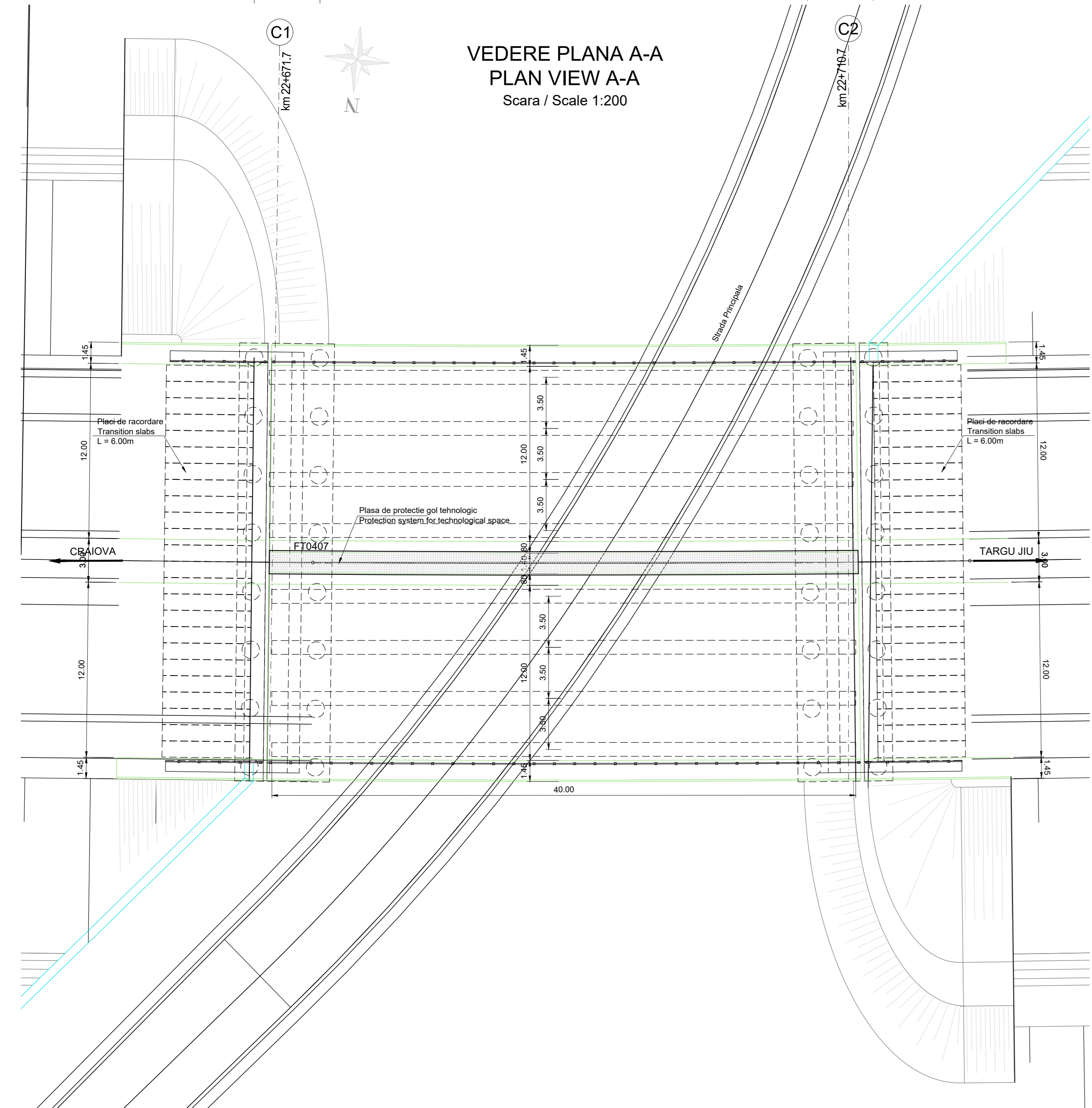
**VERIFICATOR INTERN / INTERNAL CHECKER:** A. PRODAN

Contract nr. 0222579 / Contract no. 0222579  
Data: 10/2023 / Date: 10/2023  
Scara: 1:200 / 1:100 / Scale: 1:200 / 1:100  
Cod desen: 2279-C75-9F-2-A.3.3.00-5.11-000 / Drawing number: 2279-C75-9F-2-A.3.3.00-5.11-000

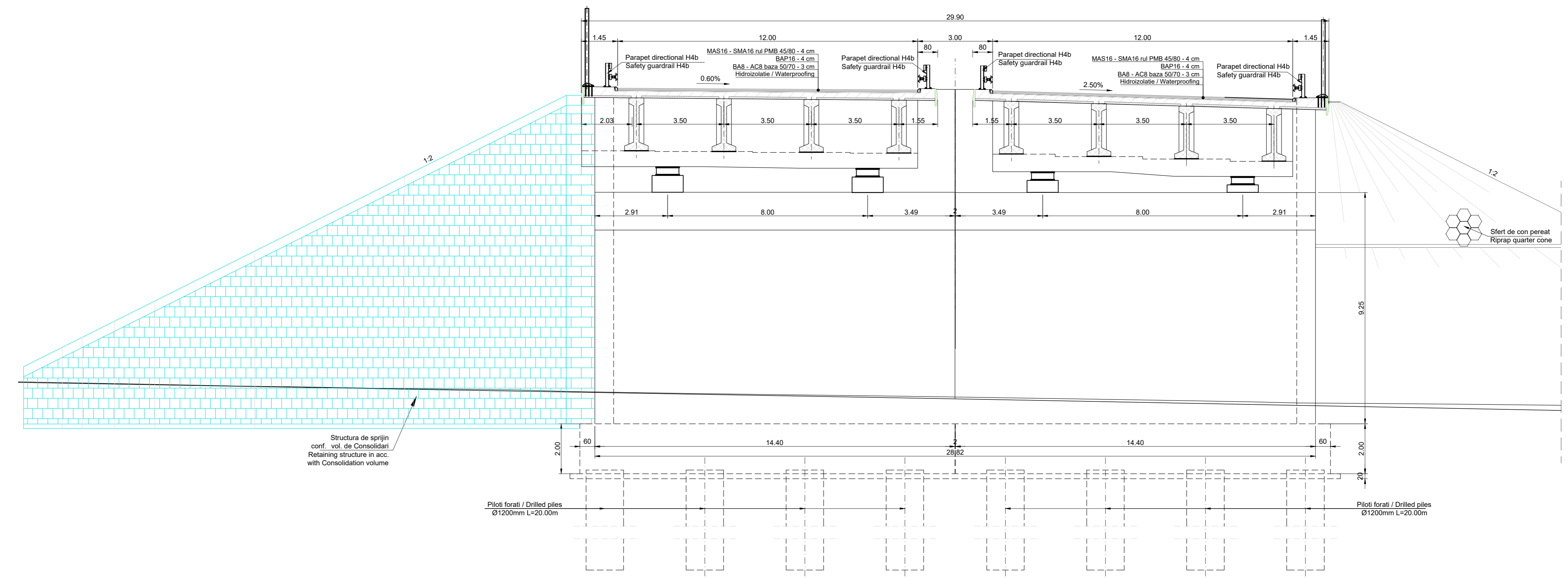
**VEDERE LONGITUDINALA B-B  
LONGITUDINAL VIEW B-B**  
Scara / Scale 1:200



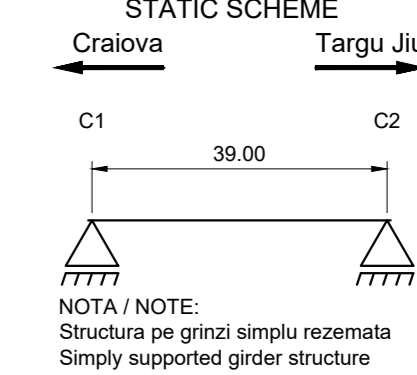
**VEDERE PLANA A-A  
PLAN VIEW A-A**  
Scara / Scale 1:200



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

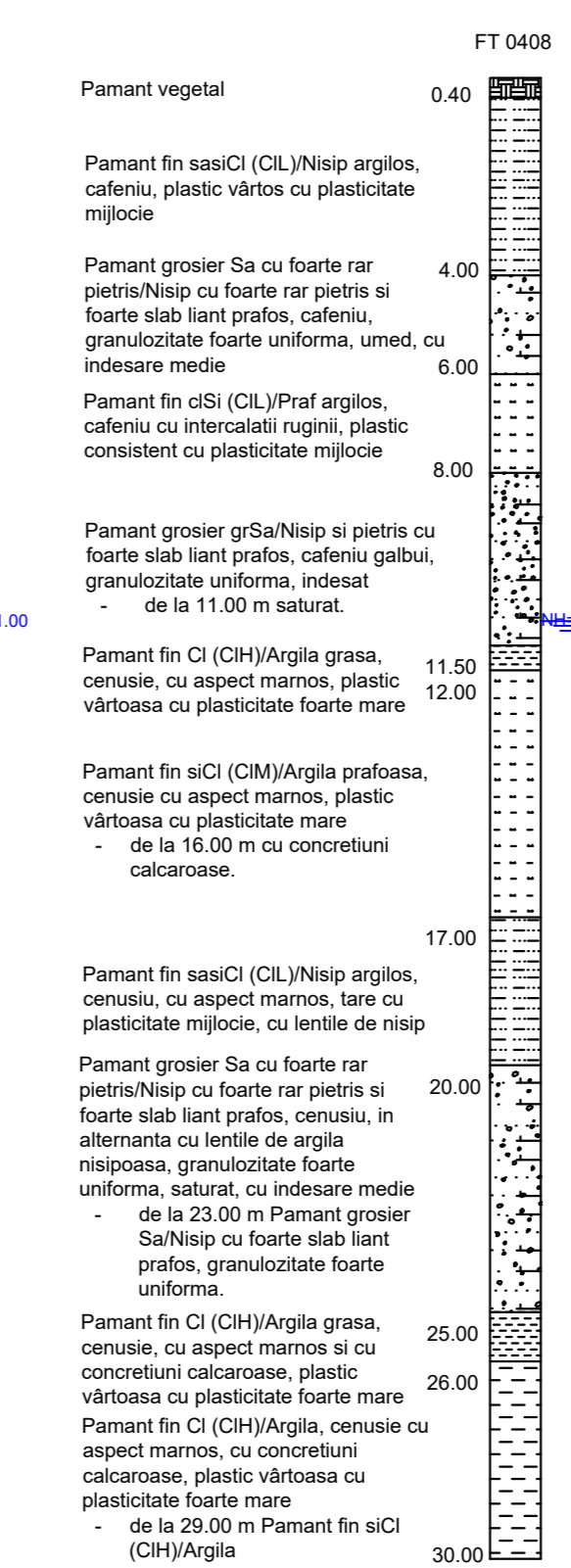
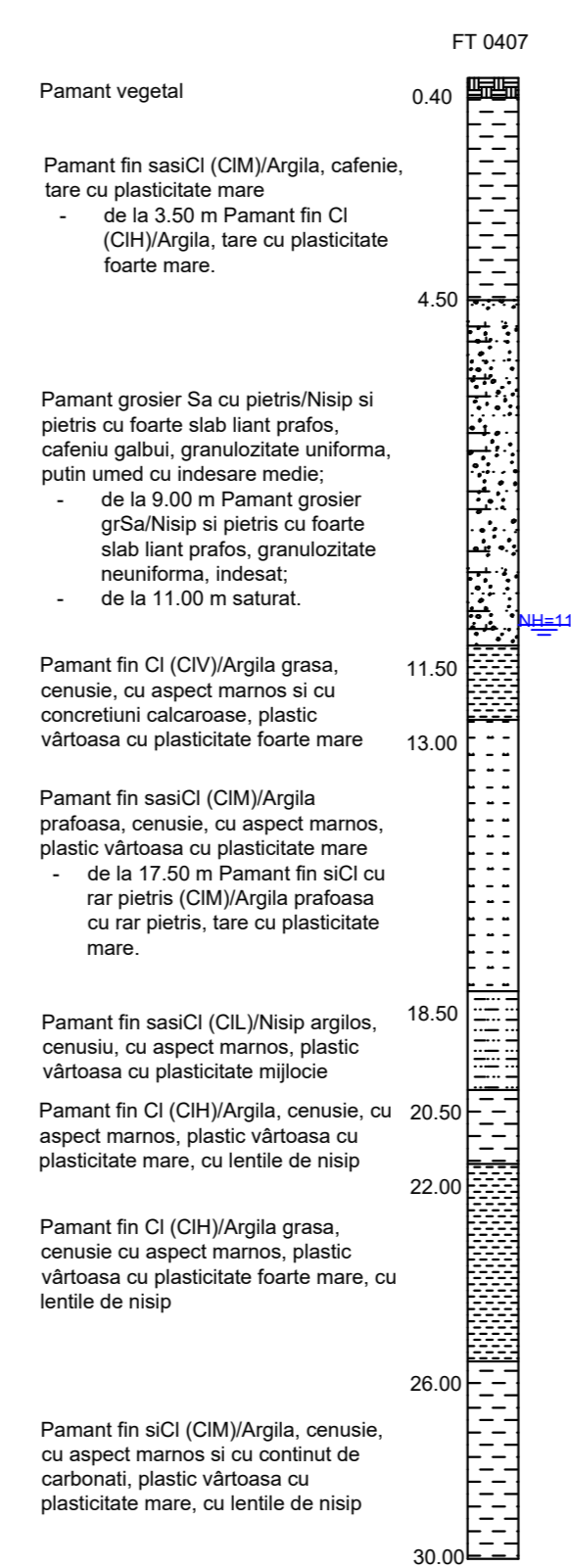


**SCHEMA STATICA  
STATIC SCHEME**



**CENTRALIZATOR CLASE DE BETON  
CONCRETE CLASS SUMMARY**

Element / Element	Clasa de beton / Concrete class	Clase de expunere / Exposure class
Beton de egalizare / Levelling 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 supraportare / Overconcreting slab	C35/45	XC1 XD3
Antretoaze / Cross beams	C35/45	XC1 XD3
Pereti / Riprap	C30/37	XC4 XF2
Fundatii pereți / 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



<b>Durata de viata: 120 ani</b> Convloaie 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>c</sub> =1.0s conf. P100-1.2013 Exigente de verificare faza PT: A4, B2, D Af	<b>Lifespan: 120 years</b> 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>c</sub> =1.0s 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 volume Roadworks.

• Possible improvements of the foundation ground will be executed according to recommendations of the Geotechnical Study.

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

**PROIECTANT / ASSOCIATION / DESIGNER ASSOCIATION:** egis SEARCH CORPORATION

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

LUCRARI DE POCUR, VADUCURI SI PASAJE  
BRIDGES, VAUCUTS AND PASSAGES WORKS

**DISPOZITIE GENERALA**  
GENERAL LAYOUT  
Pasaj pe Autostrada  
km 22+666 peste Strada Principala / Passage on Motorway  
pk 22+666 over Main street

**COORDINATOR / ADUCT OF PROJECT:** R. THADANI

**PROIECTANT / COORDINATOR DEPUY:** G. PERICOLLO

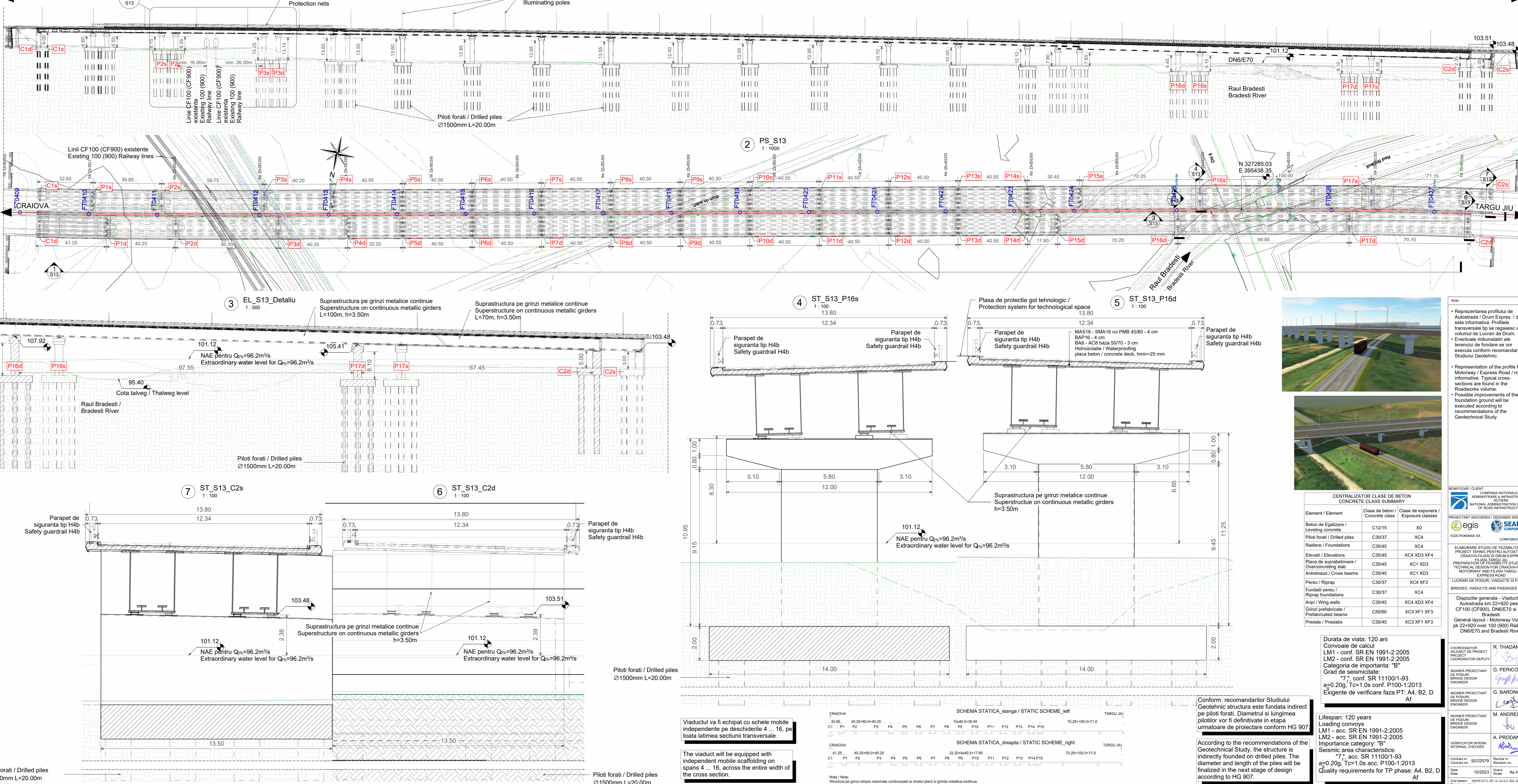
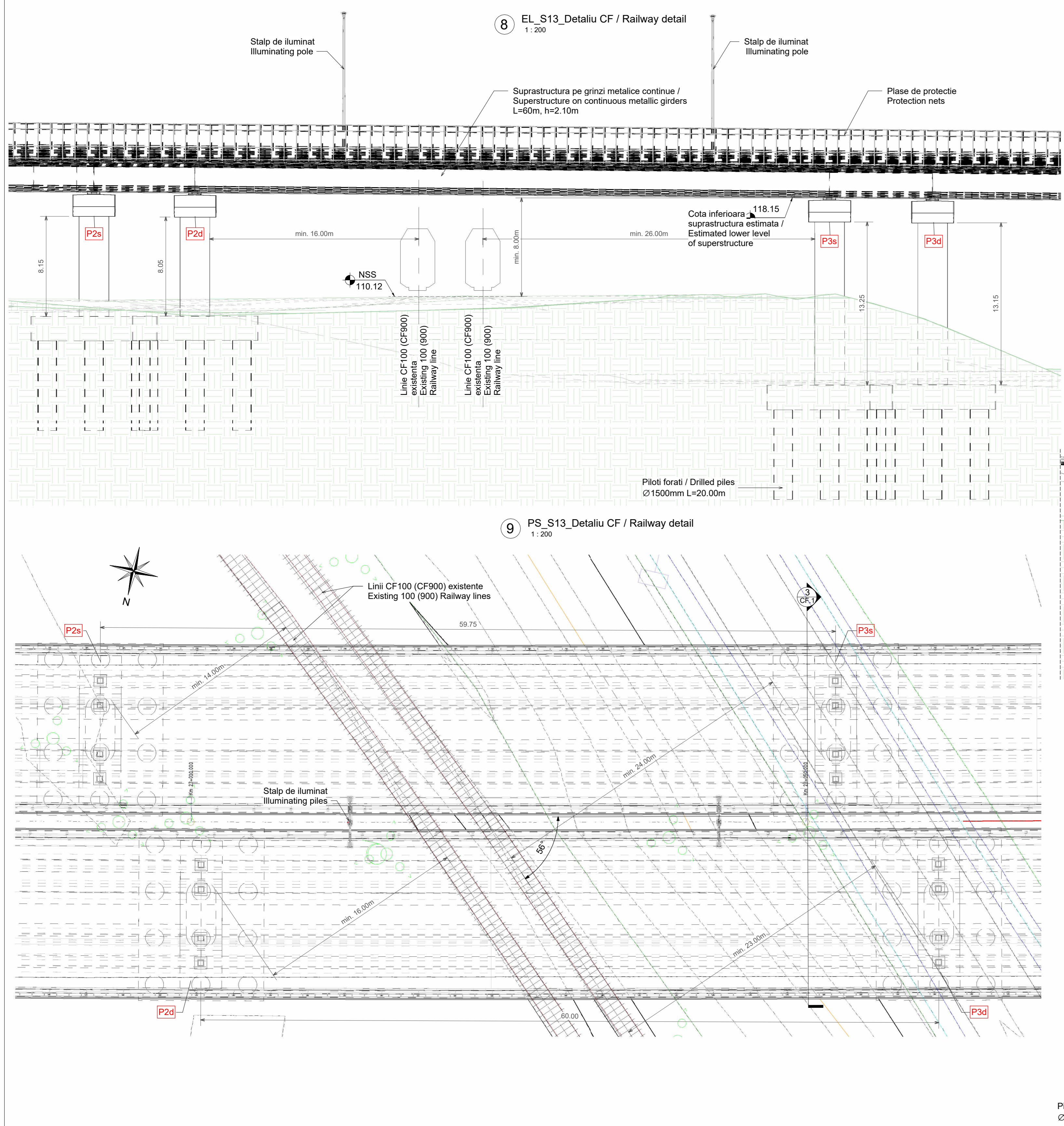
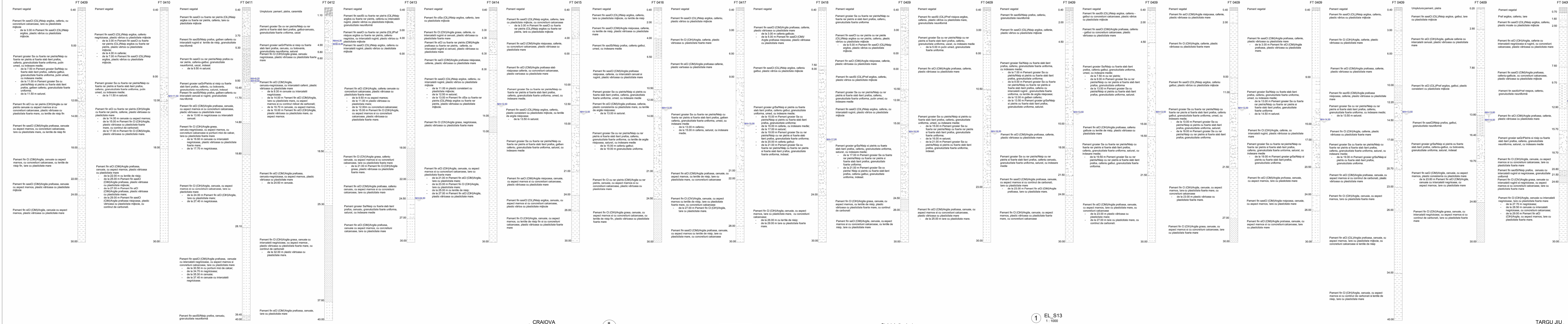
**INGINER PROIECTANT DE POCUR / BRIDGE DESIGN ENGINEER:** G. BARONCEA

**INGINER PROIECTANT DE POCUR / BRIDGE DESIGN ENGINEER:** M. ANDREI

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

Contract nr. 92/2579  
Contract no. 102023  
Date: 10/2023  
Cod desen: 2279-C17-SF-2LA3-3006-2400  
Drawing number:

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



Viaductul va fi echipat cu schele mobile independente pe deschiderile 4 - 16 pe toata latimea sectiunii transversale.

The viaduct will be equipped with independent mobile scaffolding on spans 4 - 16, across the entire width of the cross section.

Geotehnic structura este fundata independent pe piloni forati. Diametrii si lungimea pilonilor vor fi definitivate in etapa unitatea de proiectare conform HG 907.

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

Conform recomandarilor Studiului Geotehnic structura este fundata independent pe piloni forati. Diametrii si lungimea pilonilor vor fi definitivate in etapa unitatea de proiectare conform HG 907.

According to the recommendations of the Geotechnical Study, the structure is founded independently 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  
 Convolutie de calcul  
 LM1 - conf. SR EN 1991-2:2005  
 LM2 - conf. SR EN 1991-2:2005  
 Categorie de importanta: "B"  
 Grup de Seismicitate: I  
 aSp=20g, Tact 1b, conf. P100-1:2013  
 Exigente de verificare faza PT: A4, B2, D

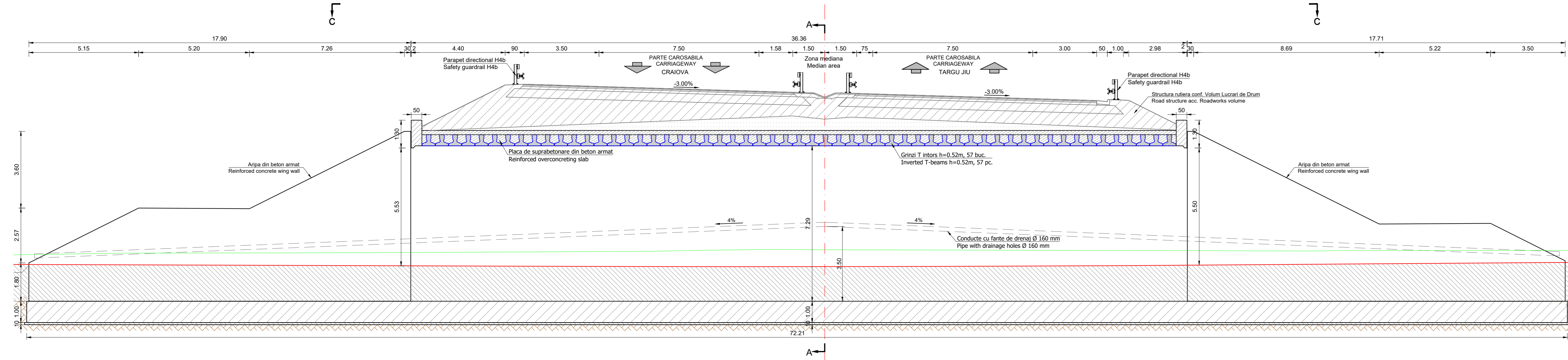
Life span: 120 years  
 Loading conditions  
 LM1 - acc. SR EN 1991-2:2005  
 LM2 - acc. SR EN 1991-2:2005  
 Importance category: "B"  
 Seismic area characteristics:  
 aSp=20g, Tact 1b, acc. P100-1:2013  
 Quality requirements for TP phase: A4, B2, D

Schema Statica, alinaja / STATIC SCHEME\_left  
 Schema Statica, etaj / STATIC SCHEME\_right

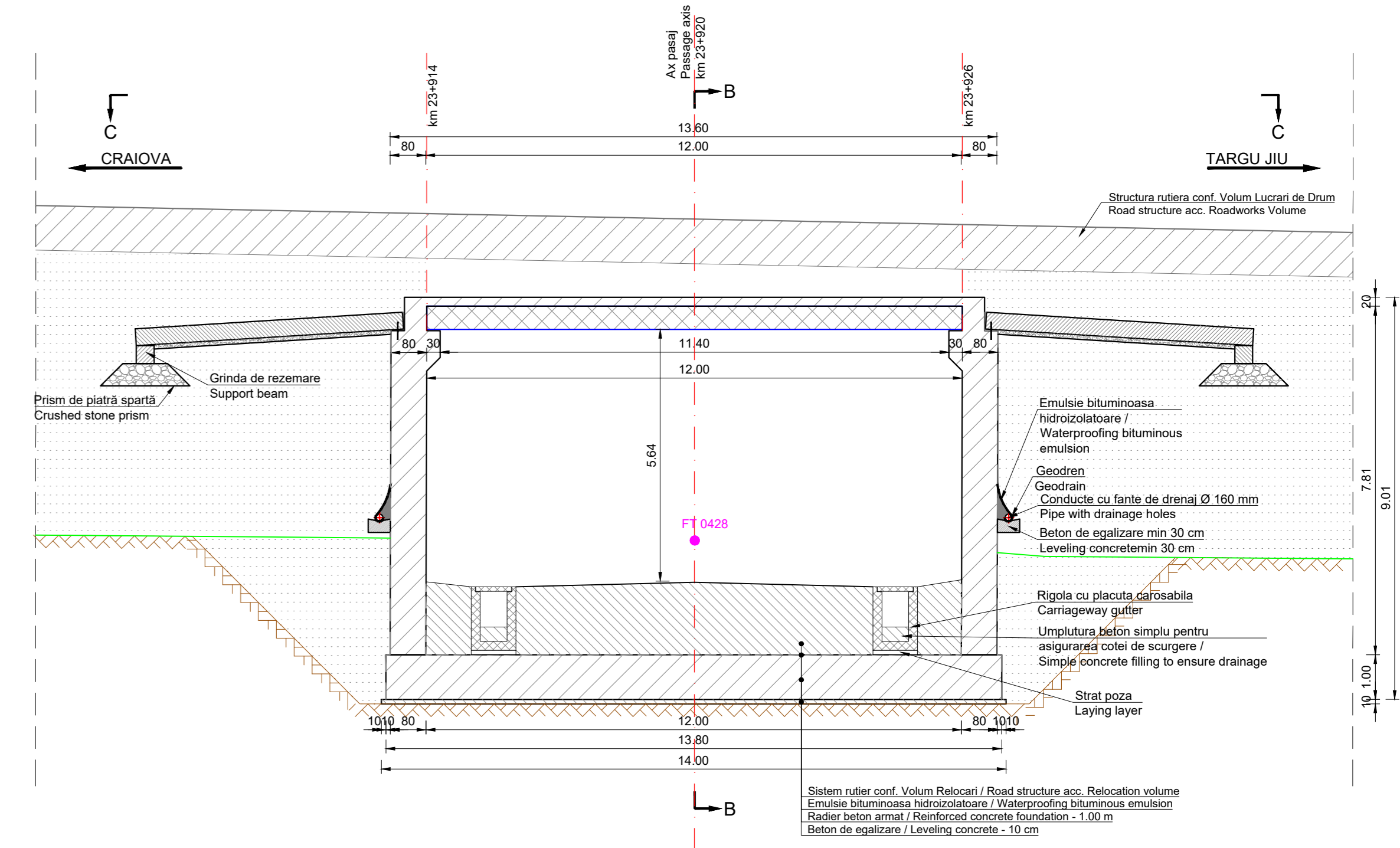
Element / Element Classa de beton / Concrete class Clase de expozitie / Exposure class  
 Beton de Echipare / Leaning concrete C1215 X0  
 Piloni forati / Drilled piles C30/37 XC4  
 Radiera / Foundations C35/45 XC4  
 Estanti / Elevations C25/30 XC4 XFD XF4  
 Plasa de Inapoiere / Overlapping mat C25/30 XC4 XFD  
 Anvelope / Crown beams C35/45 XC1 X03  
 Pereti / Riprap C30/37 XC4 XF2  
 Fundatii pereti / Riprap foundations C30/37 XC4  
 Arsi / Wing walls C35/45 XC4 XFD XF4  
 Grinzii prefabricate / Prefabricated beams C20/20 XC3 XF1 XF3  
 Placile / Slabs C35/45 XC3 XF1 XF3

Coordonate proiect: R. THADAN, M. ANDREI, A. PROCAN  
 Proiectant: G. PERICOLU, G. BARONCEA, M. ANDREI, A. PROCAN  
 Data: 10/2023  
 Scara: 1:1000  
 Descriere: Proiect de constructii pentru viaductul de cale ferata pe linia Craiova - Targu Jiu.

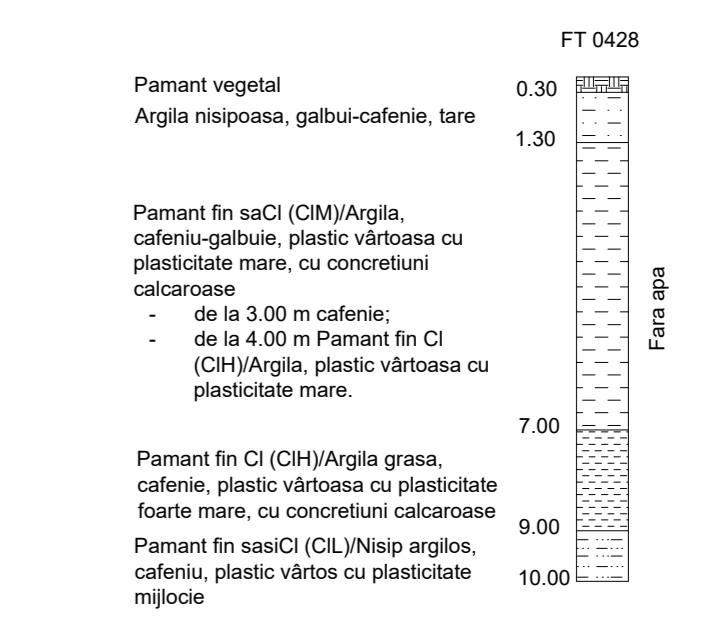
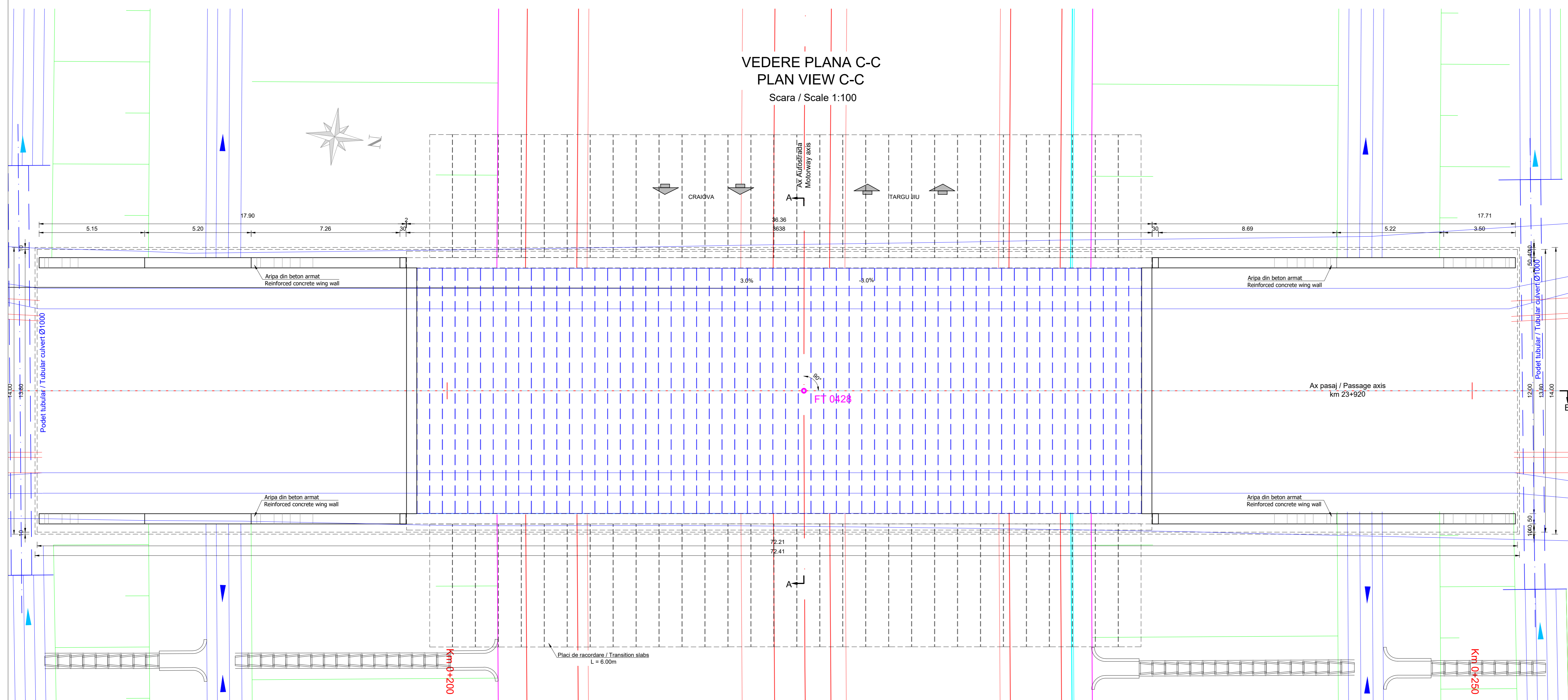
ELEVATIE B-B  
ELEVATION B-B  
Scara 1:100 / Scale 1:100



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
Piloli 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
Antebeaze / Cross beams	C35/45	XC1 XD3
Pereu / Riprap	C30/37	XC4 XF2
Fundatii peruu / Riprap foundations	C30/37	XC4
Arpa / 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  
Carnvale 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 111001-93  
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 conveyors  
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>=1.0s acc. P100-1:2013  
Quality requirements for TP phase: A4, B2, D  
AF

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 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 volume Roadworks.
- Possible improvements of the foundation ground will be executed according to recommendations of the Geotechnical Study.

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

PROIECTANT ASOCIEREA / DESIGNER ASSOCIATION: SEARCH CORPORATION SRL

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

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

DISPOZITIE GENERALA GENERAL LAYOUT  
Pasaj pe Autostrada km 23+914 peste Drum local 10 / Passage on Motorway pk 23+914 over Local road 10

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

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. 9222676 / Contract no. 9222676  
Data: 10/2023 / Date: 10/2023  
Scara: 1:100 / Scale: 1:100  
Cod desen: 2579-DTJ-SF-2A-3-EGS-1400 / Drawing number: