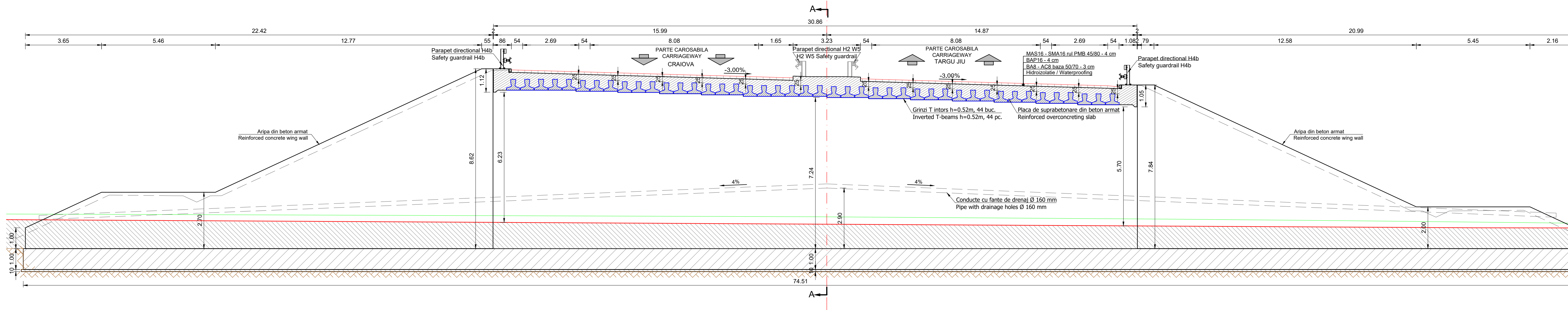
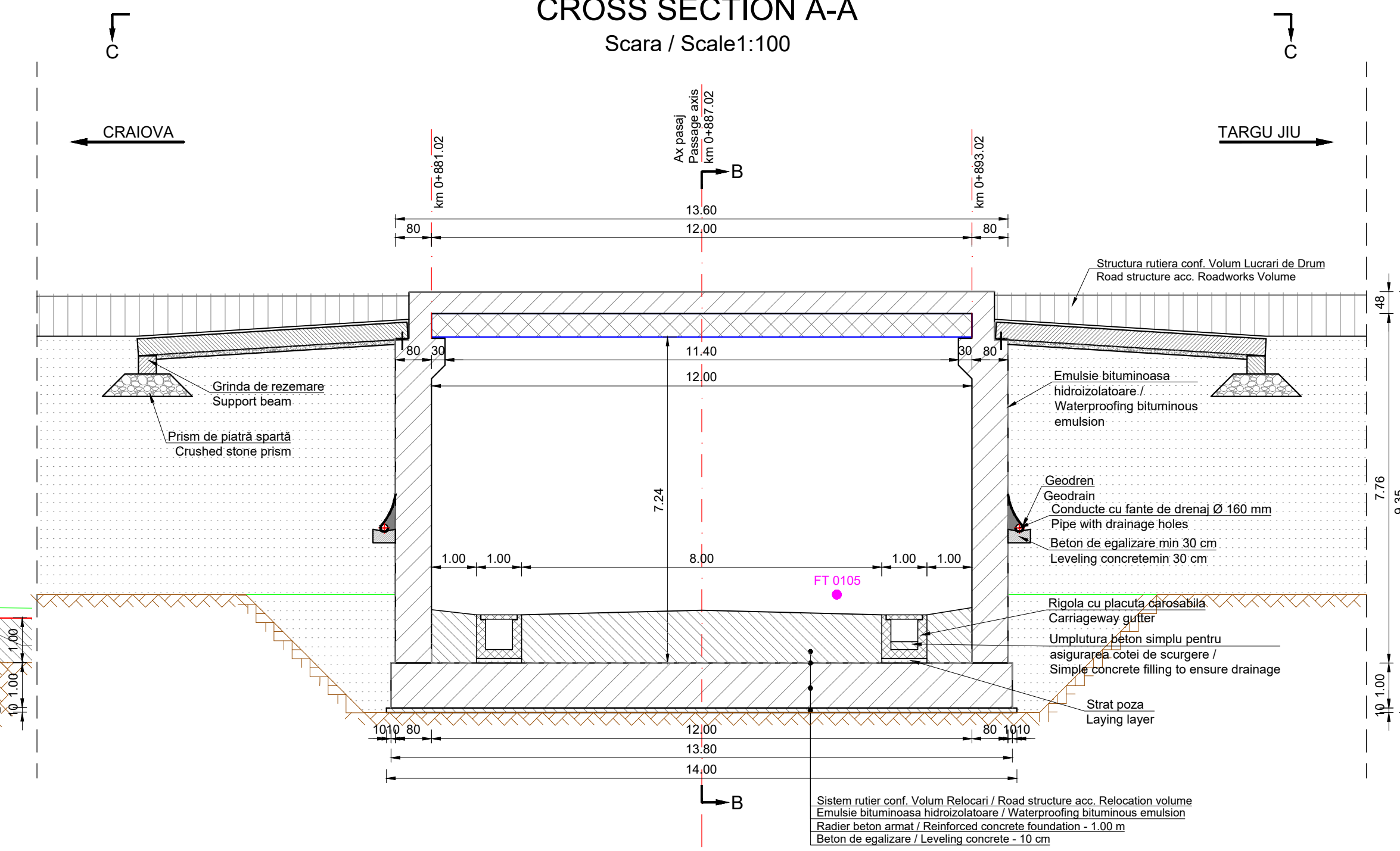


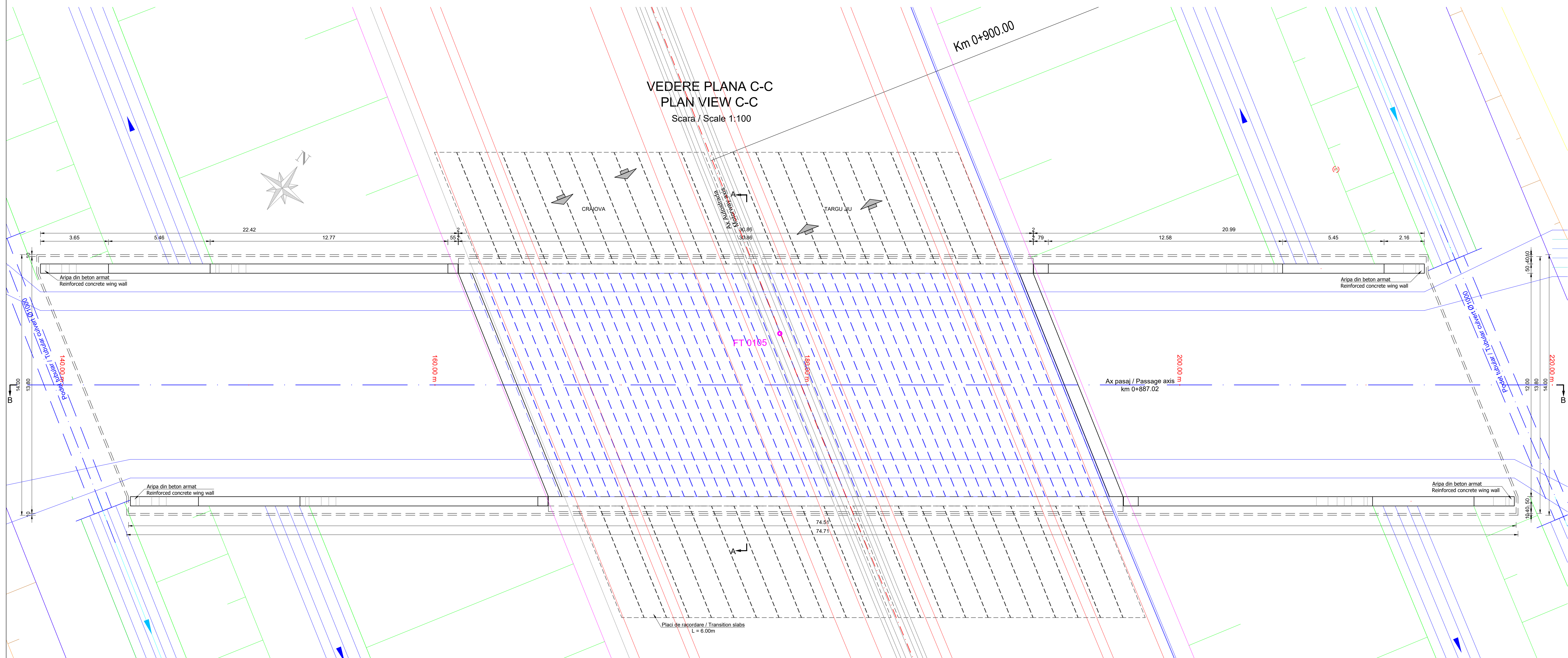
ELEVATIE B-B
ELEVATION B-B
Scara 1:100 / Scale 1:100



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

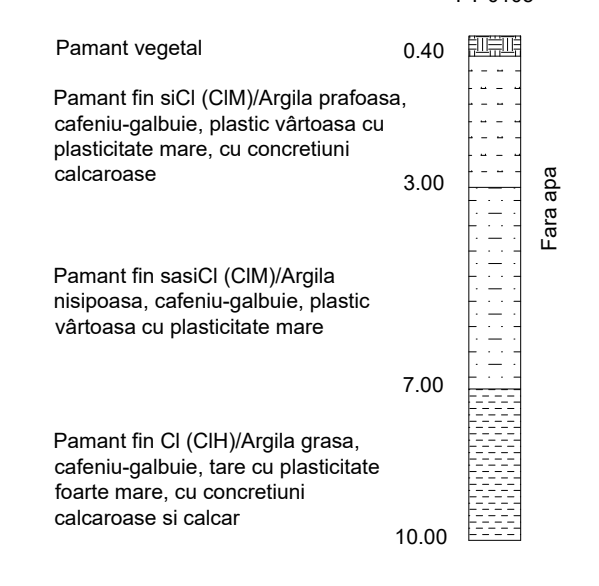


VEDERE PLANA C-C
PLAN VIEW C-C
Scara / Scale 1:100

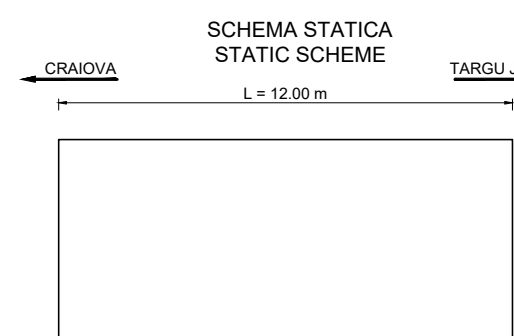


Note:

- 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.



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
Antrebrase / Cross beams	C35/45	XC1 XD3
Pereu / Riprap	C30/37	XC4 XF2
Fundatii periu / Riprap foundations	C30/37	XC4
Aripi / Wing Walls	C35/45	XC4 XD3 XF4
Grinzii prefabricate / Prefabricated beams	C50/60	XC3 XF1 XF3
Predate / Prestabs	C35/45	XC3 XF1 XF3



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

Durata de viata: 120 ani
Lifespan: 120 years

Convooia de calcul
Loading convovs

LM1 - conf. SR EN 1991-2:2005
LM2 - acc. SR EN 1991-2:2005

Categoria de importanta: "B"
Importance category: "B"

Grad de seismicitate: "2"
Seismic area characteristics:

a₀=0.20g, T_c=1.0s conf. P100-1:2013
a₀=0.20g, T_c=1.0s acc. P100-1:2013

Exigente de verificare faza PT: A4, B2, D
Quality requirements for TP phase: A4, B2, D

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

PROIECTANT ASOCIATA / DESIGNER ASSOCIATION
EGIS SEARCH CORPORATION SRL

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

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

DISPOZITIE GENERALA
GENERAL LAYOUT
Pasaj pe Autostrada
km 0+881 peste DJ643F /
Passage on Motorway
pk 0+881 over DJ643F

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

INGINER PROIECTANT DE PODOBURI / BRIDGE DESIGN ENGINEER: G. PERICOLO

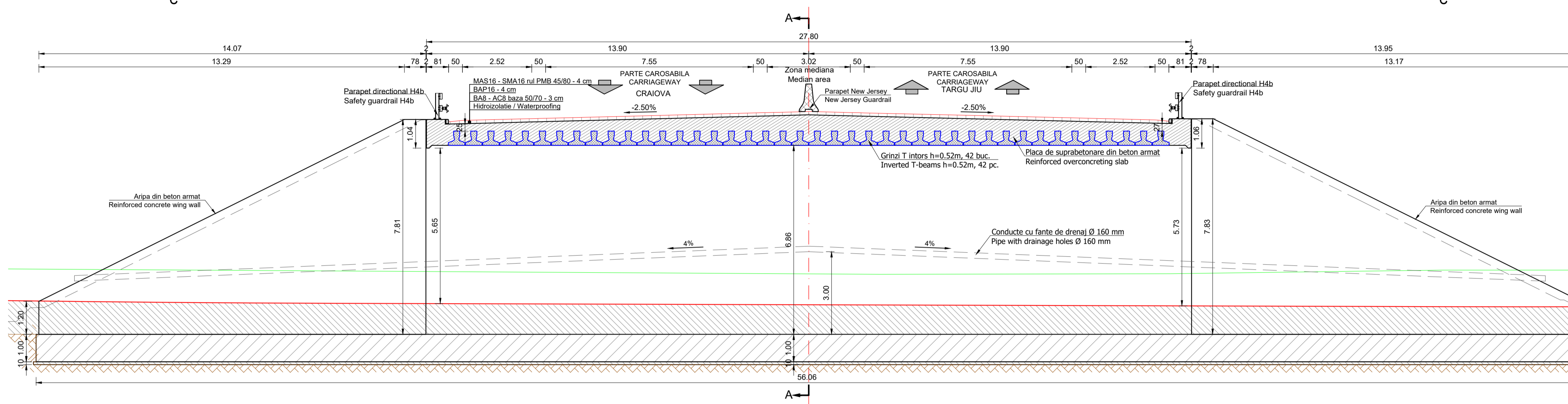
INGINER PROIECTANT DE PODOBURI / BRIDGE DESIGN ENGINEER: G. BARONCEA

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

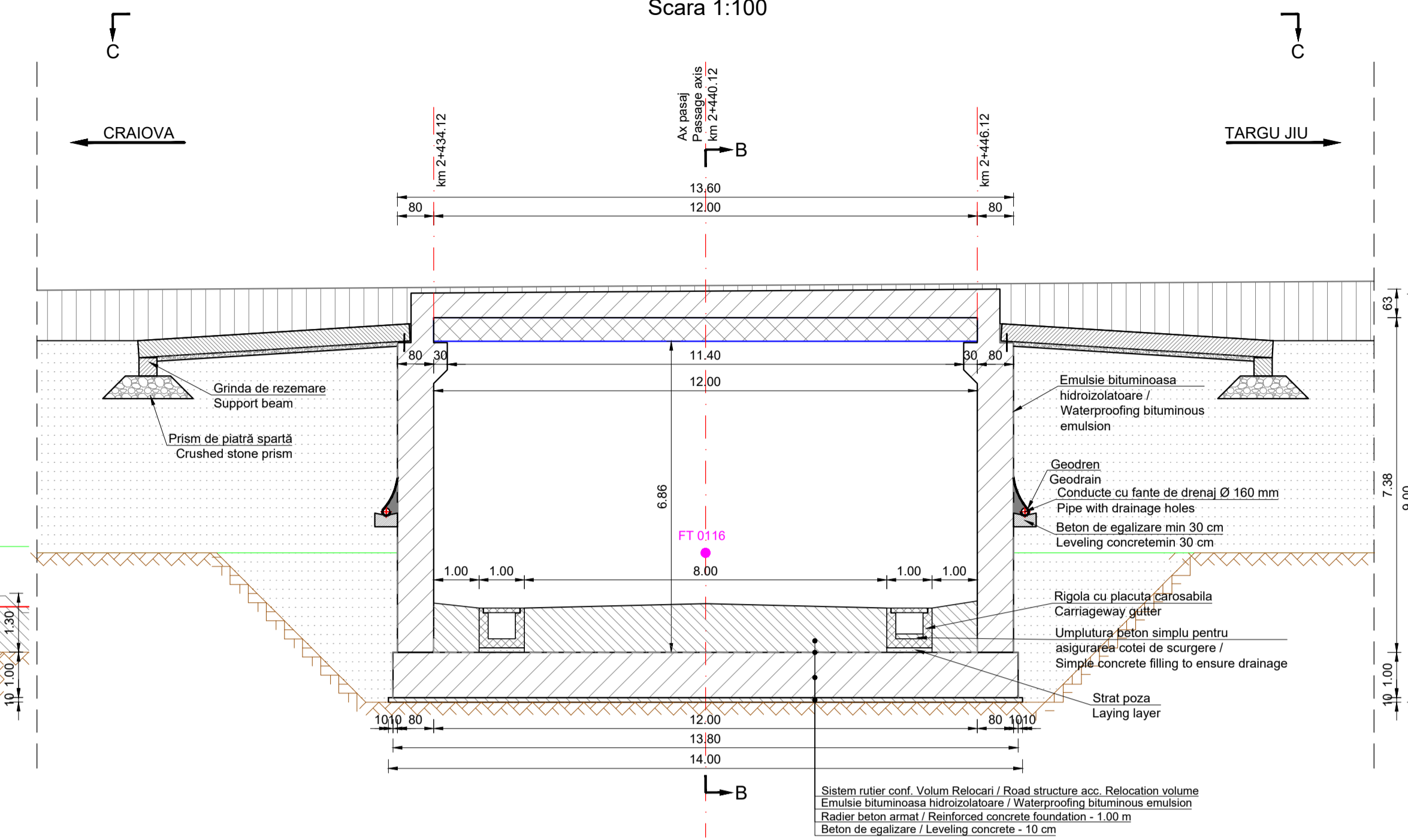
VERIFICAT INTERN / INTERNAL CHECKER: A. PRODAN

Contract nr. 2022579 / Contract no. 2022579
Date: 10/2023 / Date: 10/2023
Cod desen: 2579-C113-SF-LA-3-SD-8_51-80 / Drawing number:

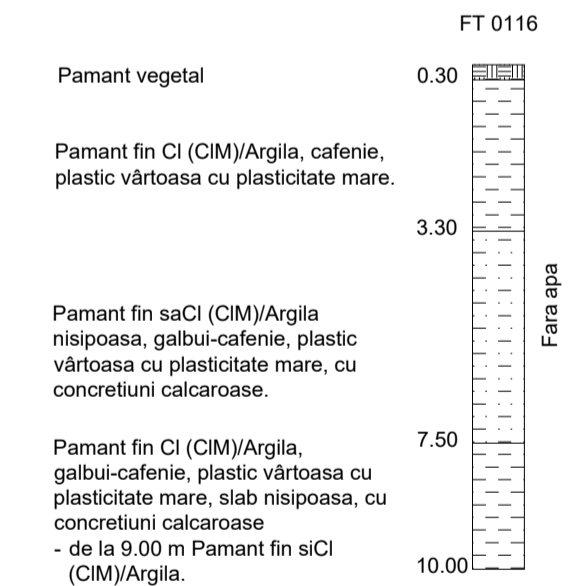
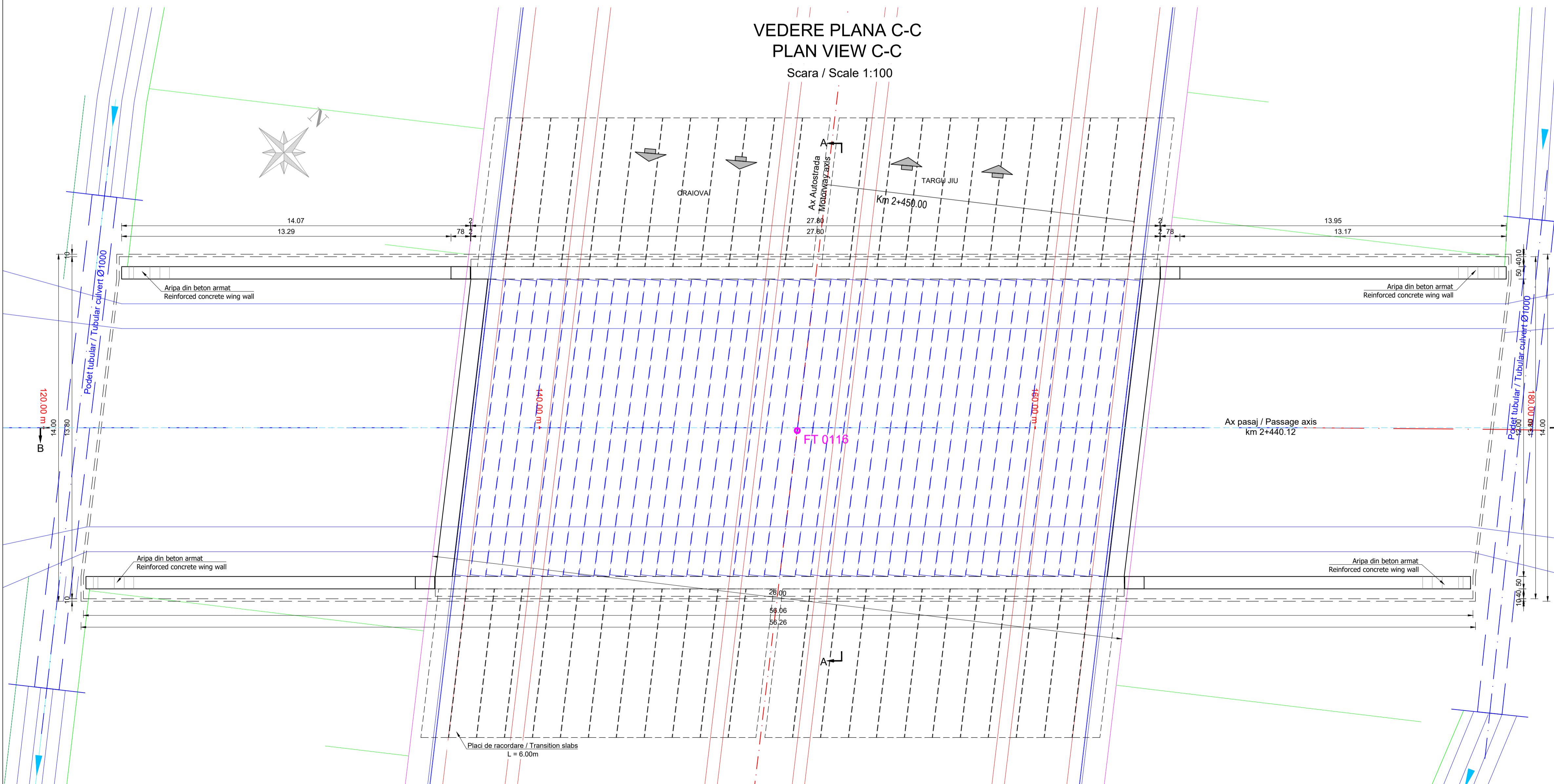
ELEVATIE B-B
ELEVATION B-B
Scara 1:100 / Scale 1:100



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

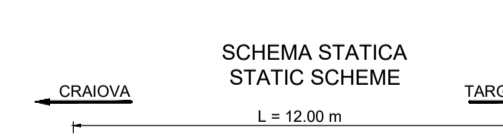


VEDERE PLANA C-C
PLAN VIEW C-C
Scara / Scale 1:100



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
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
Antrebrzoze / Cross beams	C35/45	XC1 XD3
Pereu / Riprap	C30/37	XC4 XF2
Fundatii pereu / Riprap foundations	C30/37	XC4
Aripi / Wing Walls	C35/45	XC4 XD3 XF4
Grinzi prefabricate / Prefabricated beams	C50/60	XC3 XF1 XF3
Predale / Pre-labs	C35/45	XC3 XF1 XF3



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: "B", acc. SR 111001-93
a₀=0.20g, T_{cr}=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", acc. SR 111001-93
a₀=0.20g, T_{cr}=1.0s acc. P100-1:2013
Quality requirements for TP phase: A4, B2, D Af

Note:

- Reprezentarea profilului de Autostrada / Drum Express / 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: C.M.P. ROMANIA NATIONALA DE ADMINISTRARE A INFRASTRUCTURII RUTIERE
NATIONAL ADMINISTRATION COMPANY OF ROAD INFRASTRUCTURE

Elaborator / Designer: EGIS ROMANIA SA

Coordonator / Coordinator: R. THADANI

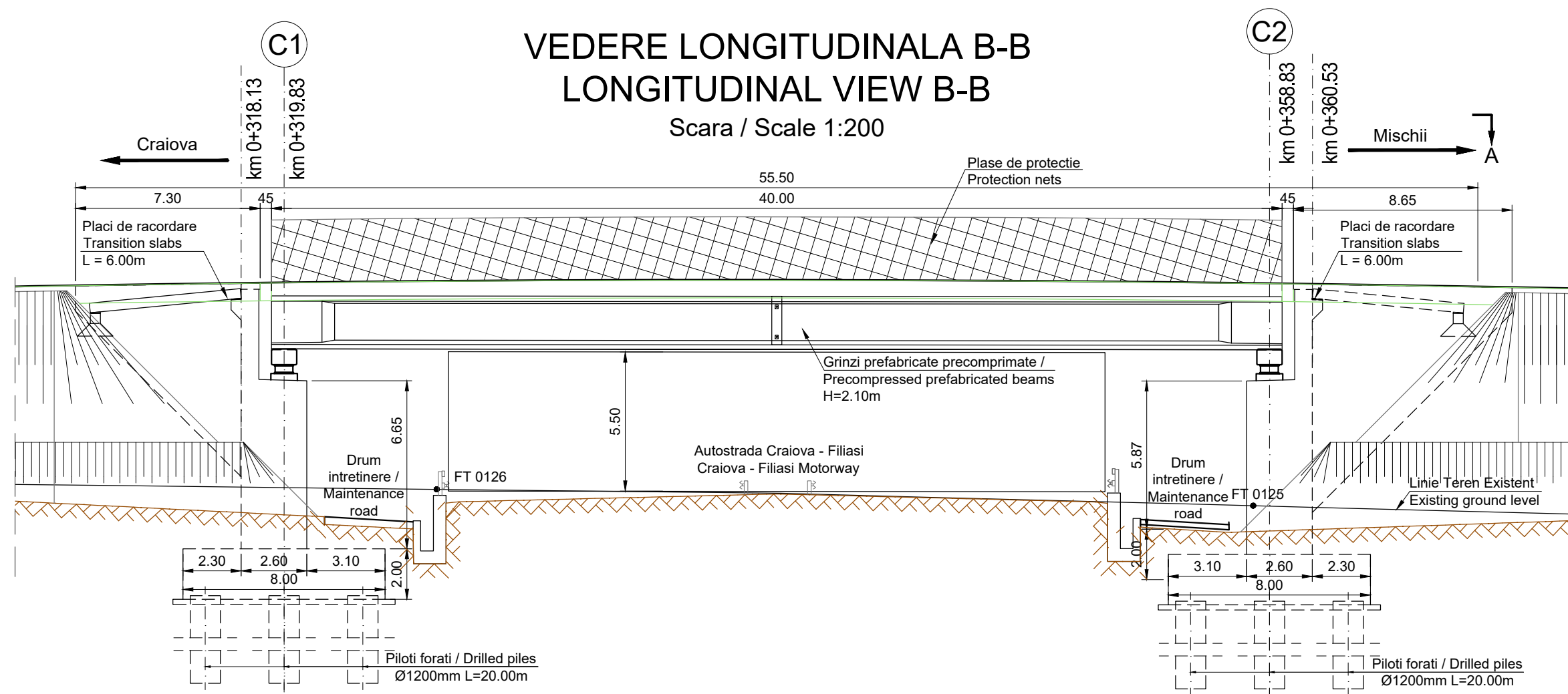
Proiectant / Designer: G. PERICOLU

Verificator intern / Internal checker: A. PRODAN

Contract no.: 92/22579
Data: 10/2023
Cod desen: 22579-01-98-F-1-A3-3-DG-3_02-002
Drawing number:

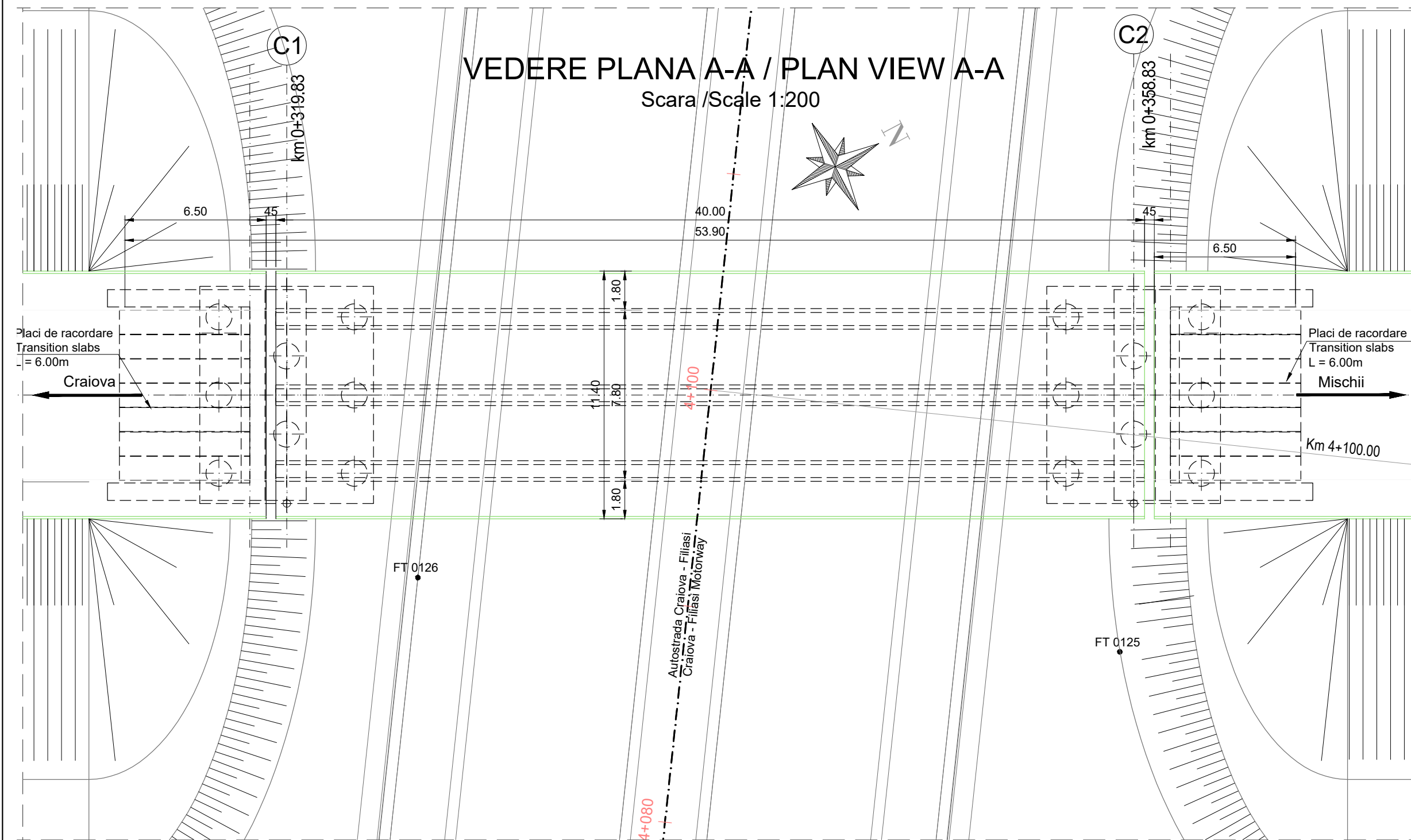
VEDERE LONGITUDINALA B-B LONGITUDINAL VIEW B-B

Scara / Scale 1:200



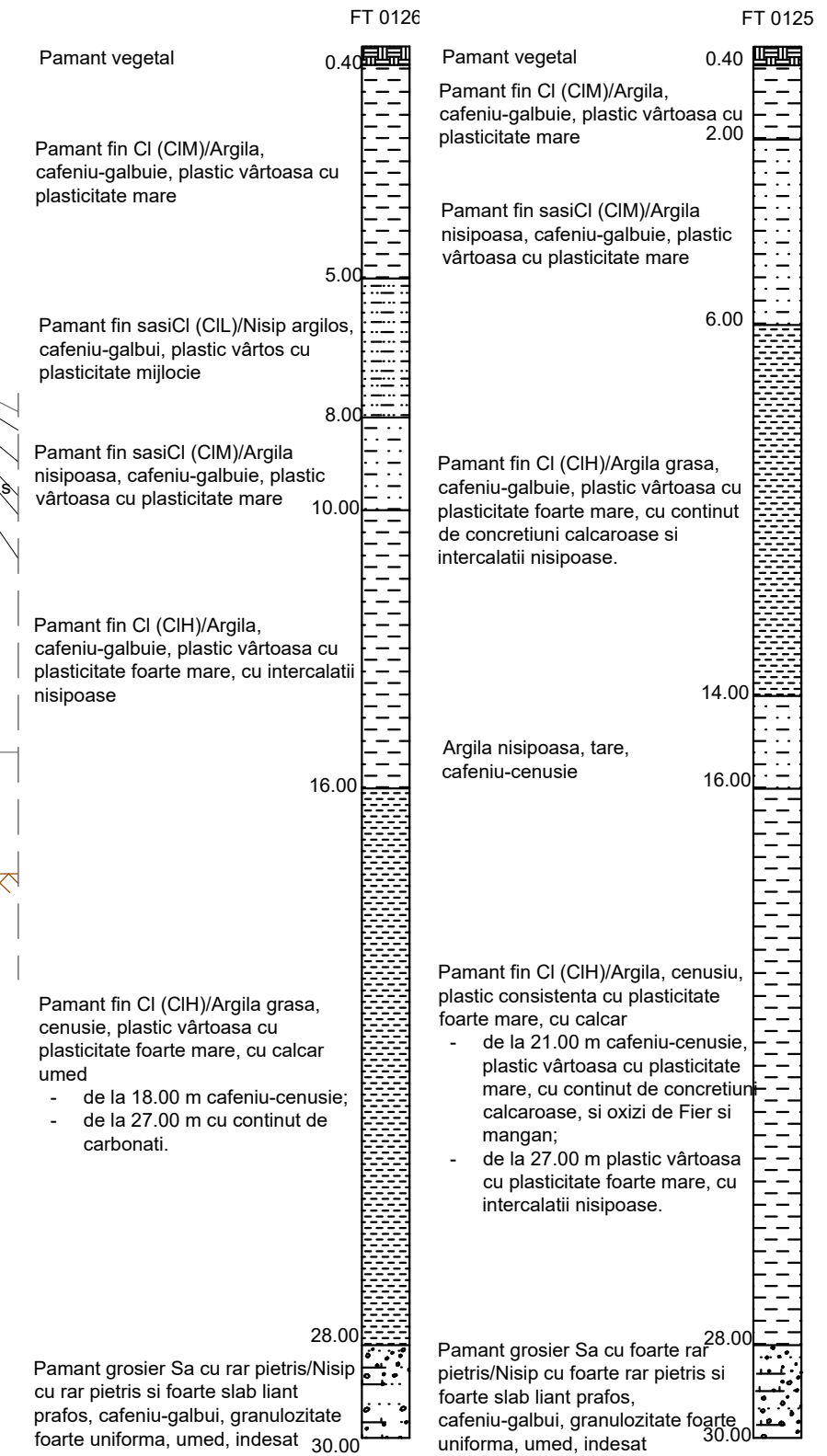
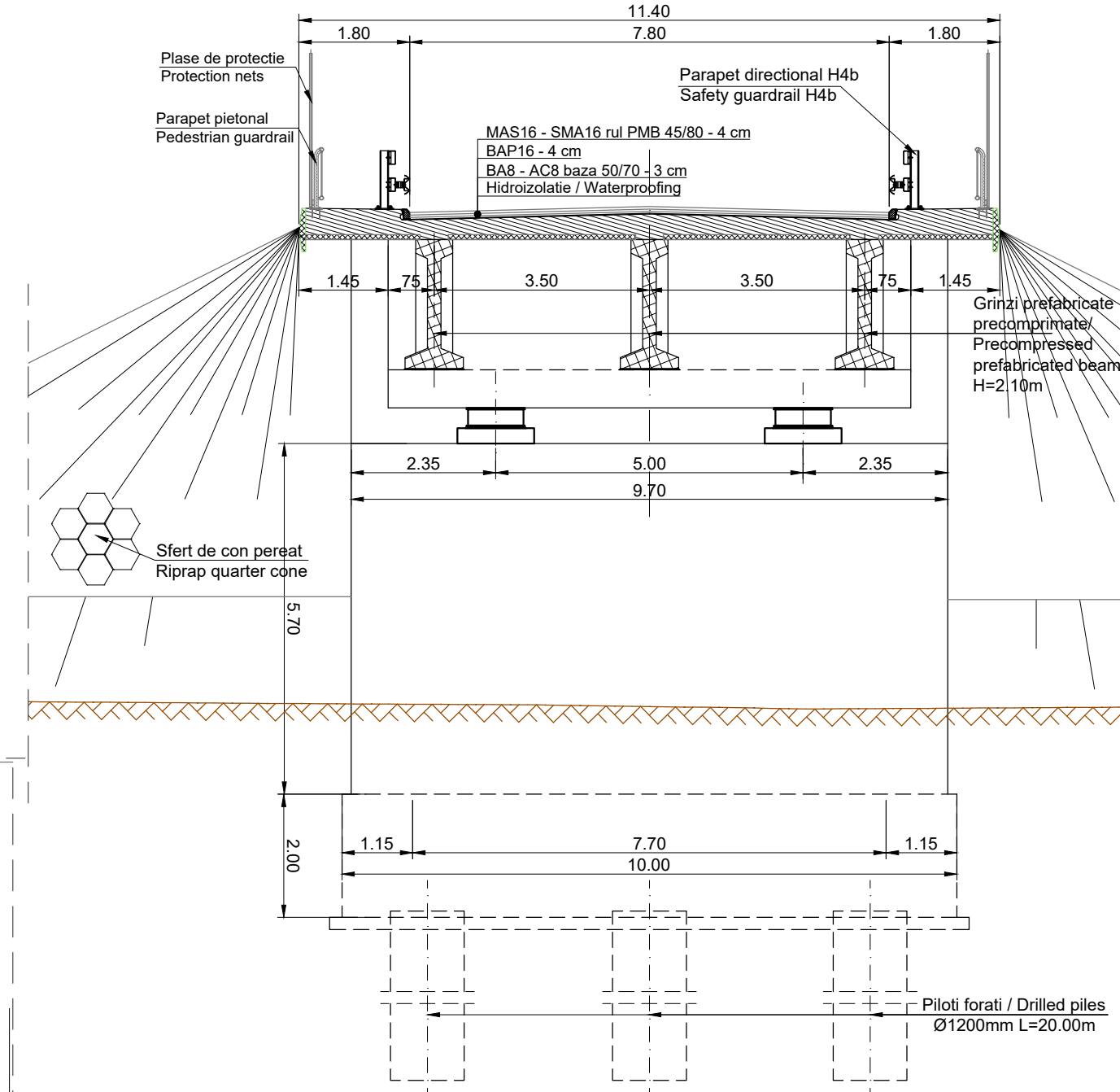
VEDERE PLANA A-A / PLAN VIEW A-A

Scara / Scale 1:200



SECTIUNE TRANSVERSALA CULEE C1 CROSS SECTION ABUTMENT C1

Scara / Scale 1:100



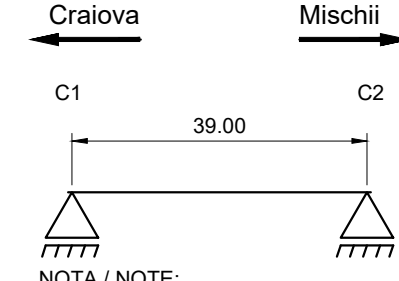
Note:

- 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.

CENTRALIZATOR CLASE DE BETON CONCRETE CLASS SUMMARY

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

SCHEMA STATICA STATIC SCHEME



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

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:
"8₂", conf. SR 11100/1-93
a₀=0.20g, T_c=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:
"8₂", acc. SR 11100/1-93
a₀=0.20g, T_c=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 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.

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

PROIECTANT / ASOCIEREA / DESIGNER ASSOCIATION: egis SEARCH CORPORATION SRL

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

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

DISPOZITIE GENERALA GENERAL LAYOUT
Pasaj pe DC165
km 4+099 peste Autostrada / Passage on DC165
pk 4+099 over Motorway

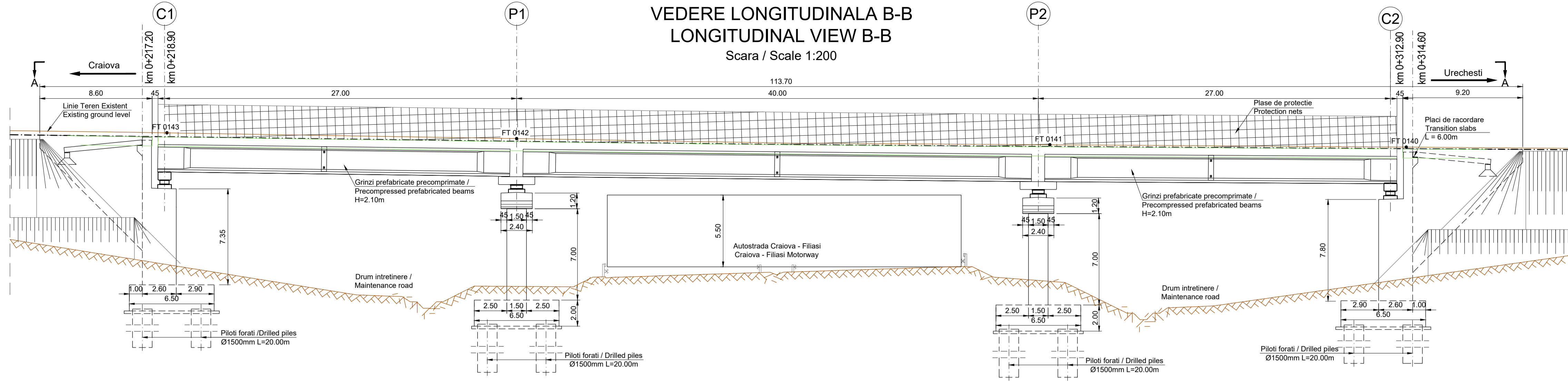
COORDONATOR ADJUNCT DE PROIECT PROJECT COORDINATOR DEPUTY	R. THADANI
INGINER PROIECTANT DE PODURI BRIDGE DESIGN ENGINEER	G. PERICOLO
INGINER PROIECTANT DE PODURI BRIDGE DESIGN ENGINEER	G. BARONCEA
INGINER PROIECTANT DE PODURI BRIDGE DESIGN ENGINEER	M. ANDREI
VERIFICAT INTERN INTERNAL CHECKER	A. PRODAN

Contract nr. 92/22579
Contract no. 10/2023
Date: 10/2023
Cod desen: 22579-CrJ-SF-1-LA-3.3-DG-S_03-R00
Drawing number:

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

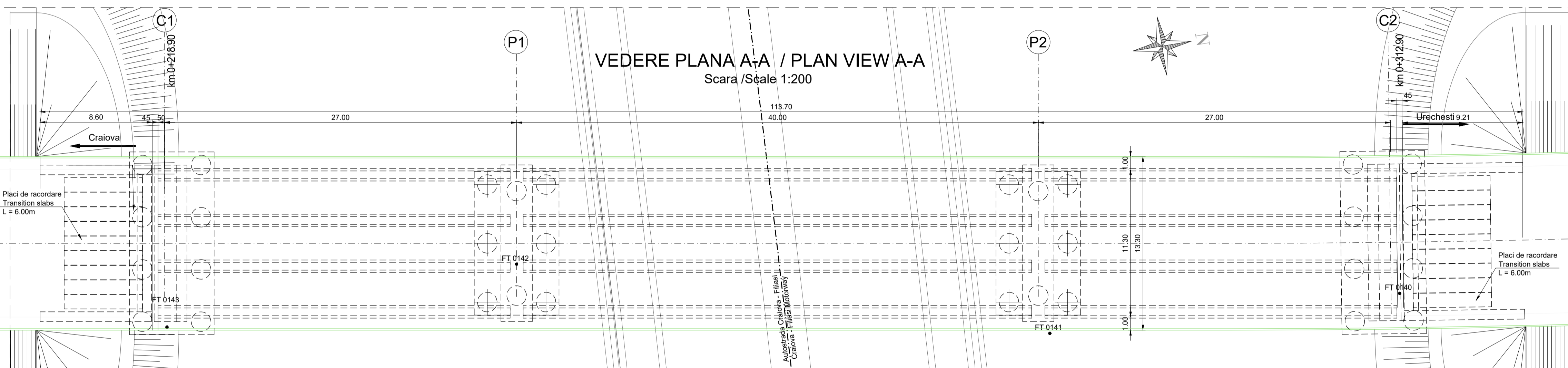
VEDERE LONGITUDINALA B-B LONGITUDINAL VIEW B-B

Scara / Scale 1:200



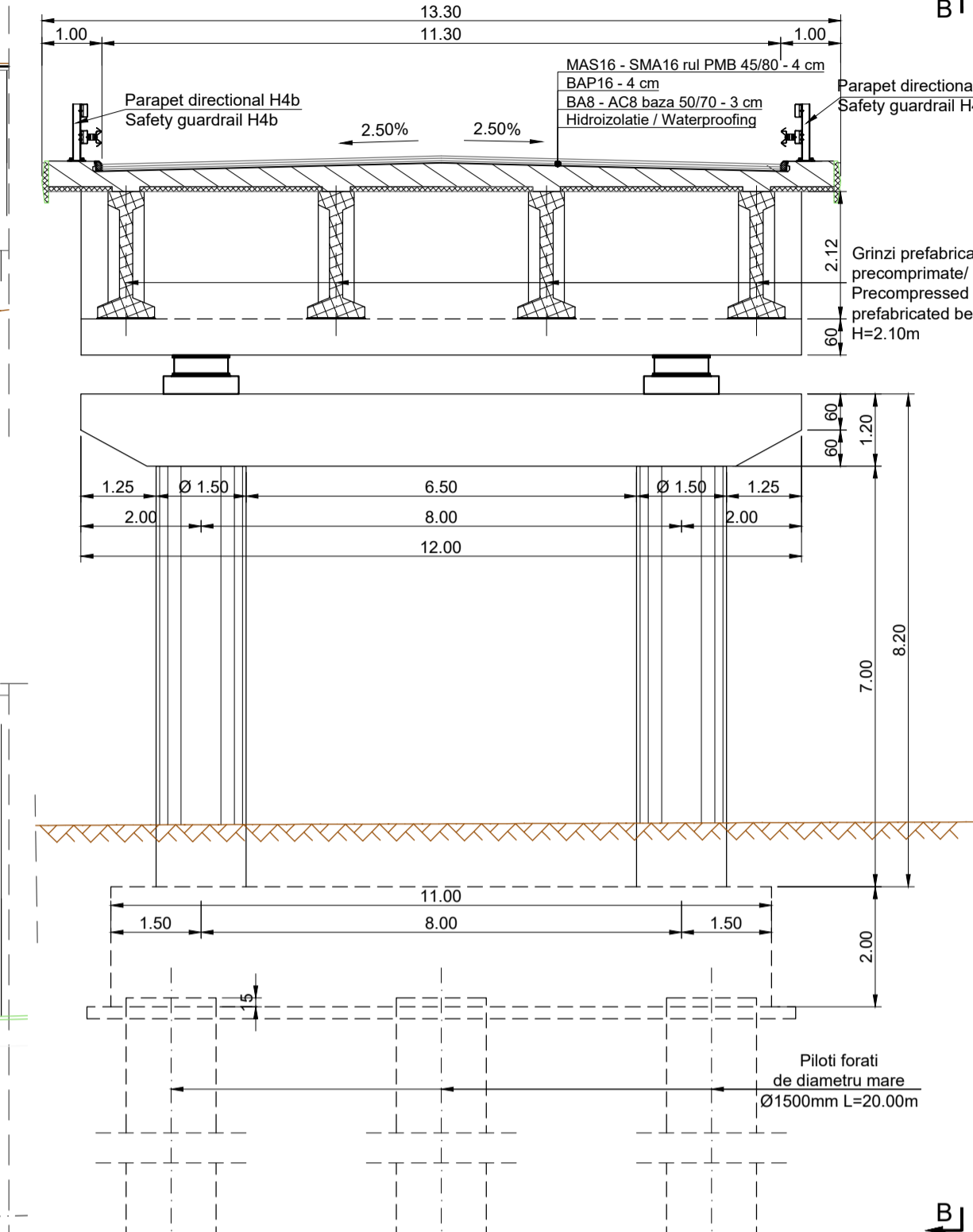
VEDERE PLANA A-A / PLAN VIEW A-A

Scara / Scale 1:200



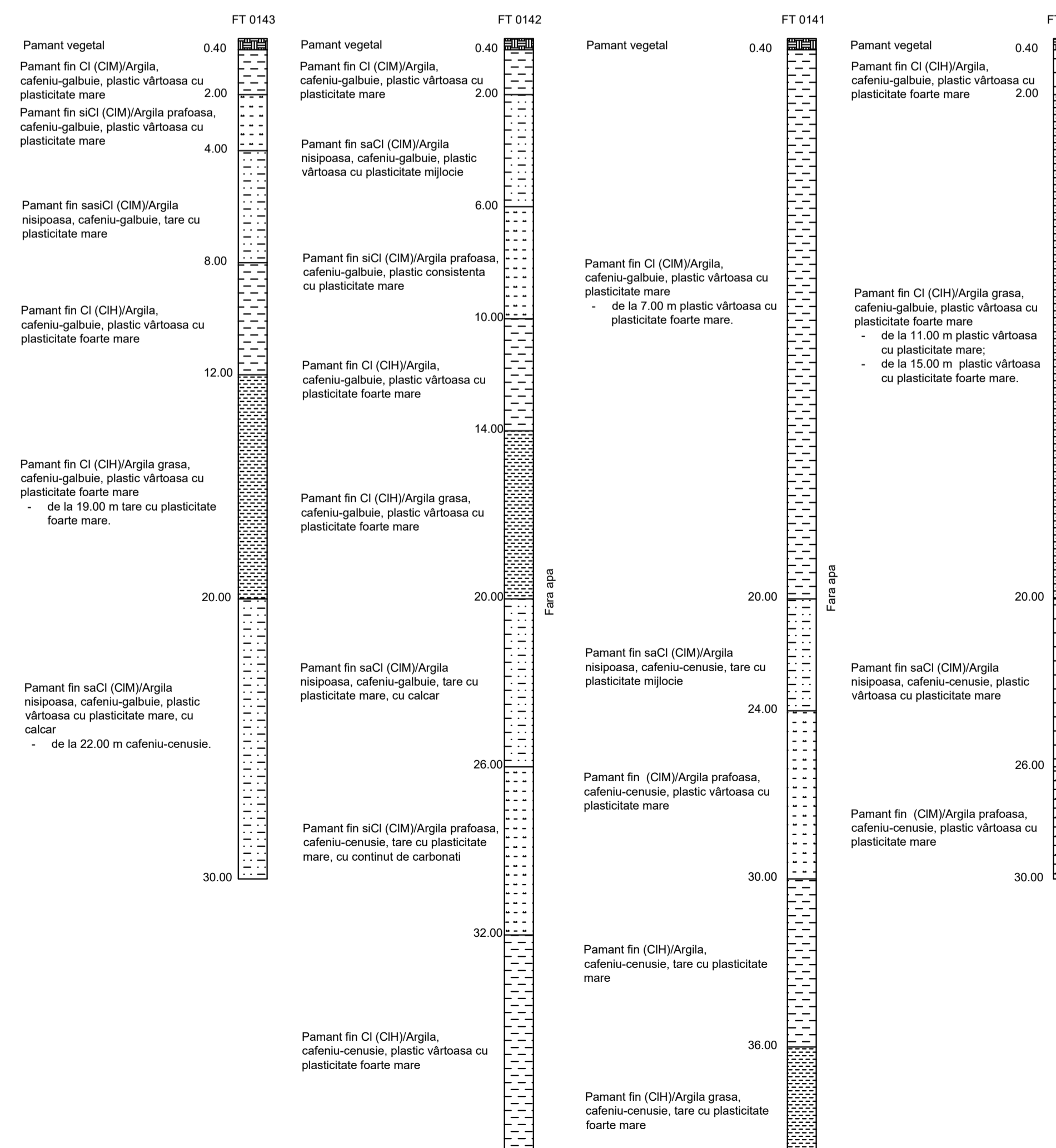
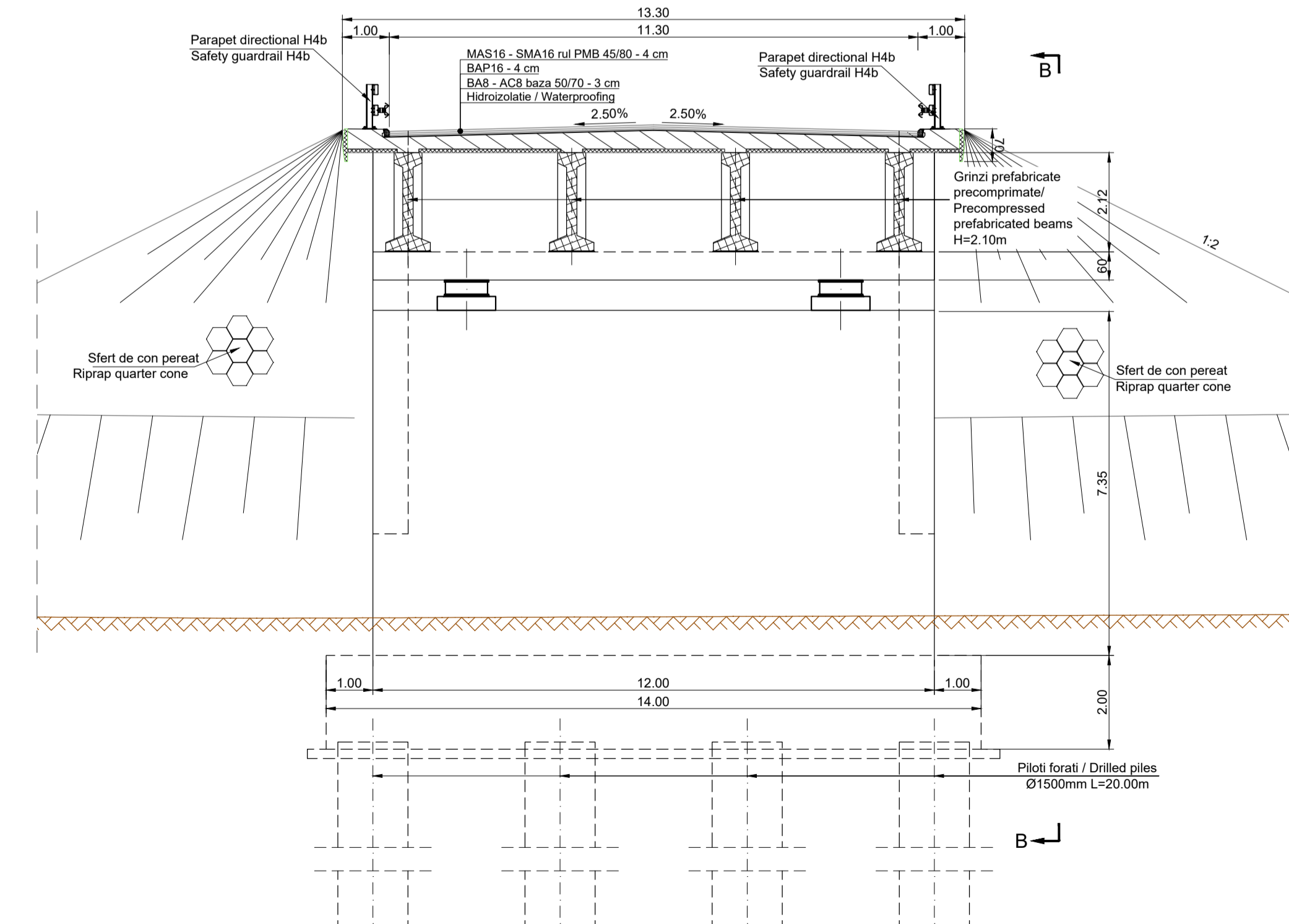
SECTIUNE TRANSVERSALA PILA P1 CROSS SECTION PIER P1

Scara / Scale 1:100

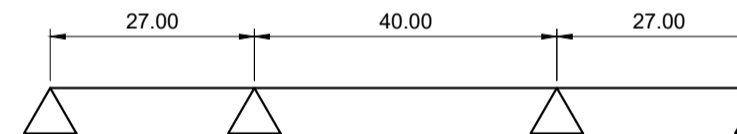


SECTIUNE TRANSVERSALA CULEE C1 CROSS SECTION ABUTMENT C1

Scara / Scale 1:100



SCHEMA STATICA STATIC SCHEME



NOTA / NOTE:
Structura pe grinzi continue
Continuous girder structure

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 / Prelabs	C35/45	XC3 XF1 XF3

Durata de viata: 120 ani
Convoaie de calcul
LM1 - conf. SR EN 1991-2:2005
LM2 - conf. SR EN 1991-2:2005
Categoria de importanta: "B"
Grad de seismicitate:
"8", 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

Conform recomandarilor Studiului Geotehnic structura este fundata indirect pe piloti forati. Diametrul si lungimea pilozilor vor fi definitivi 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:
"8", 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

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 esie 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 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

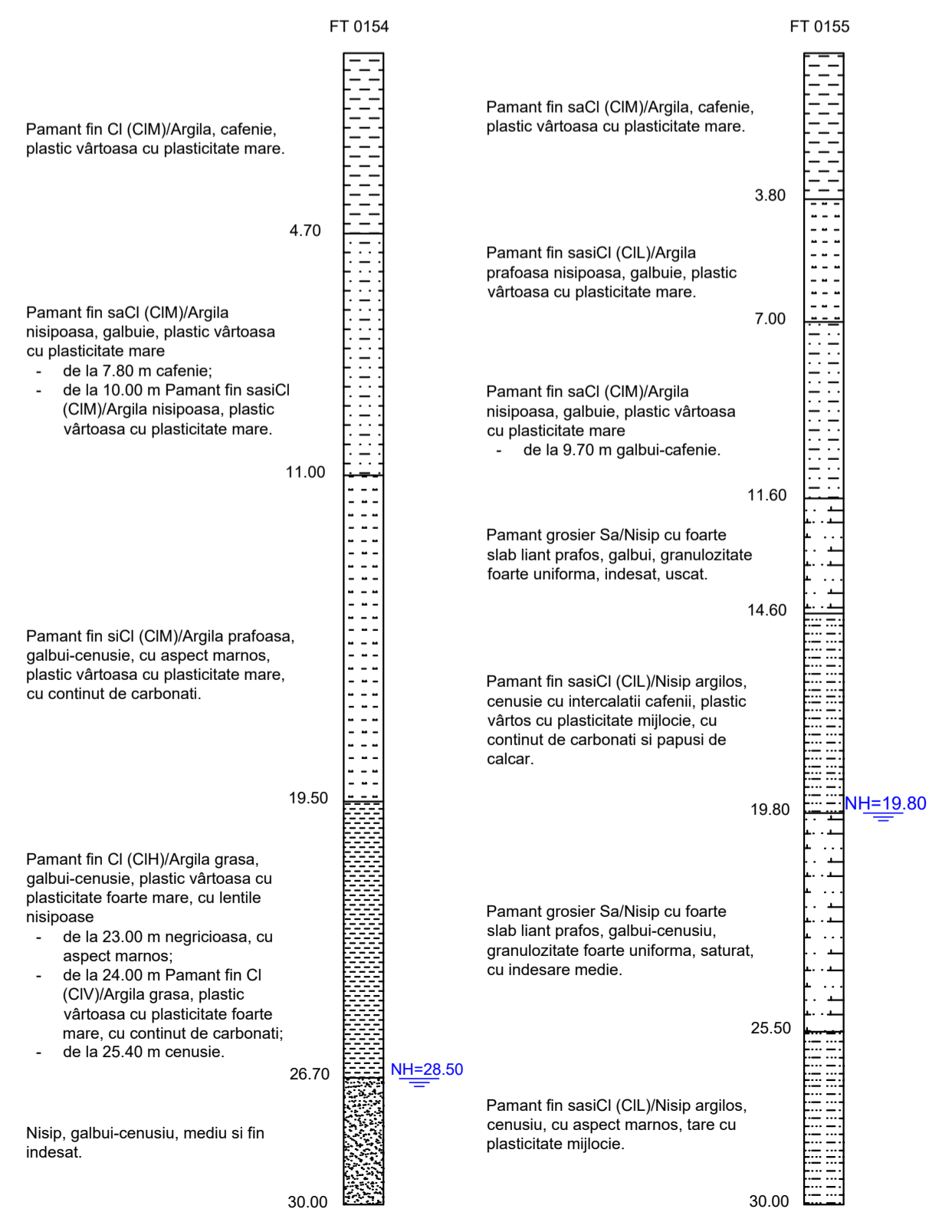
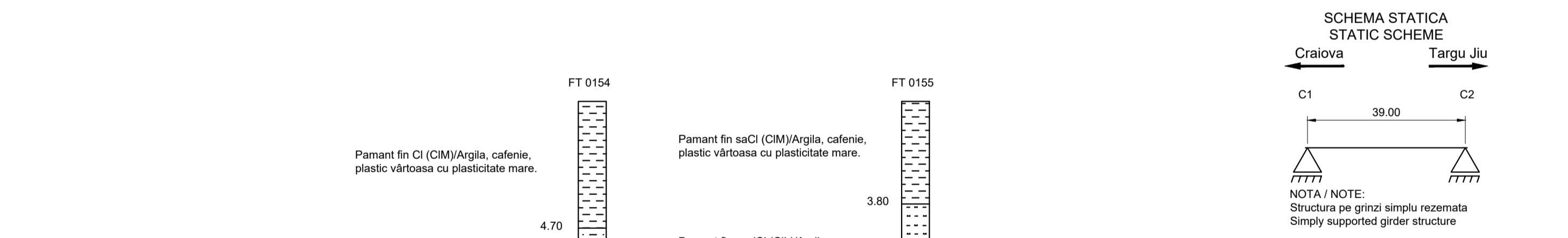
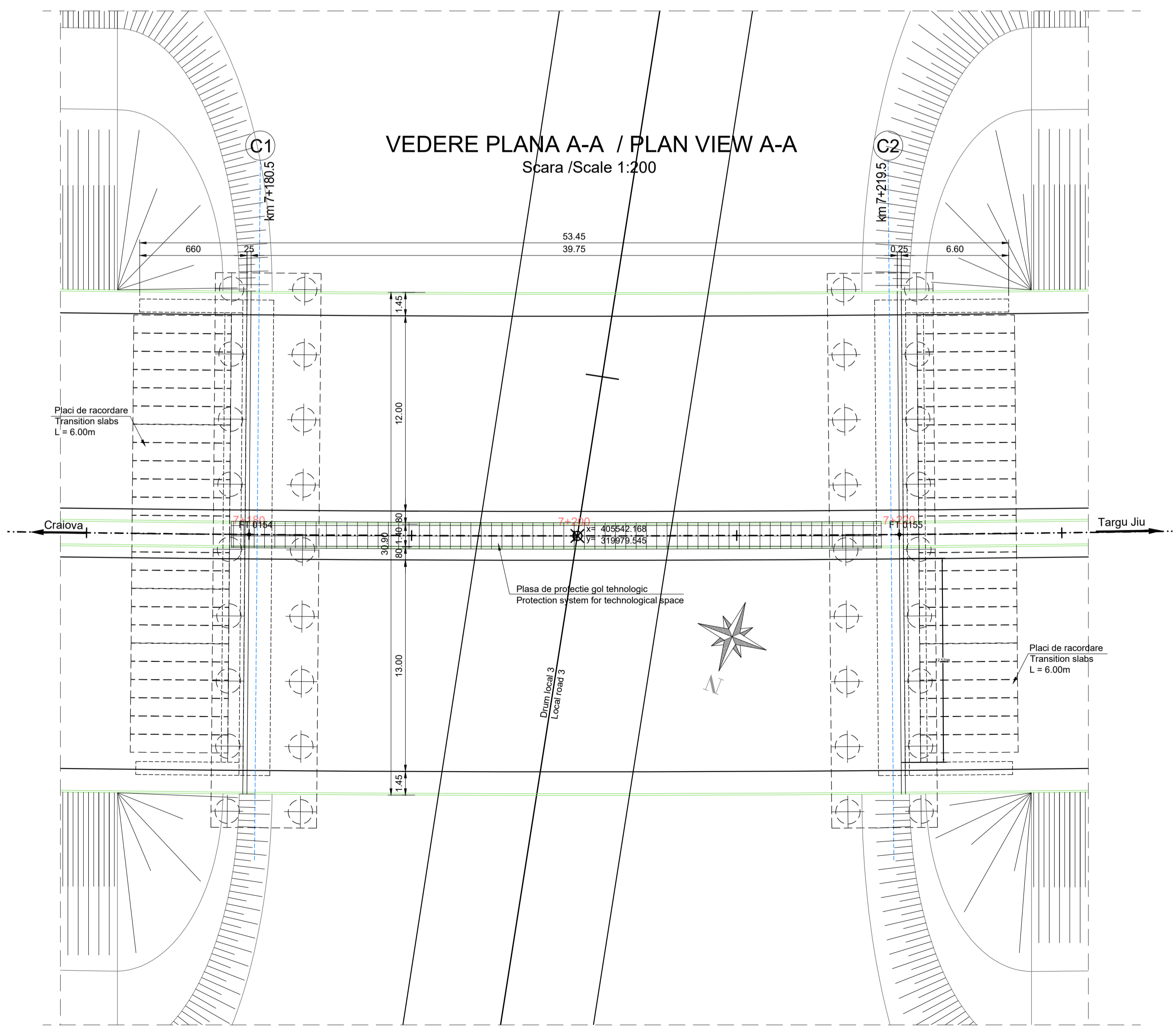
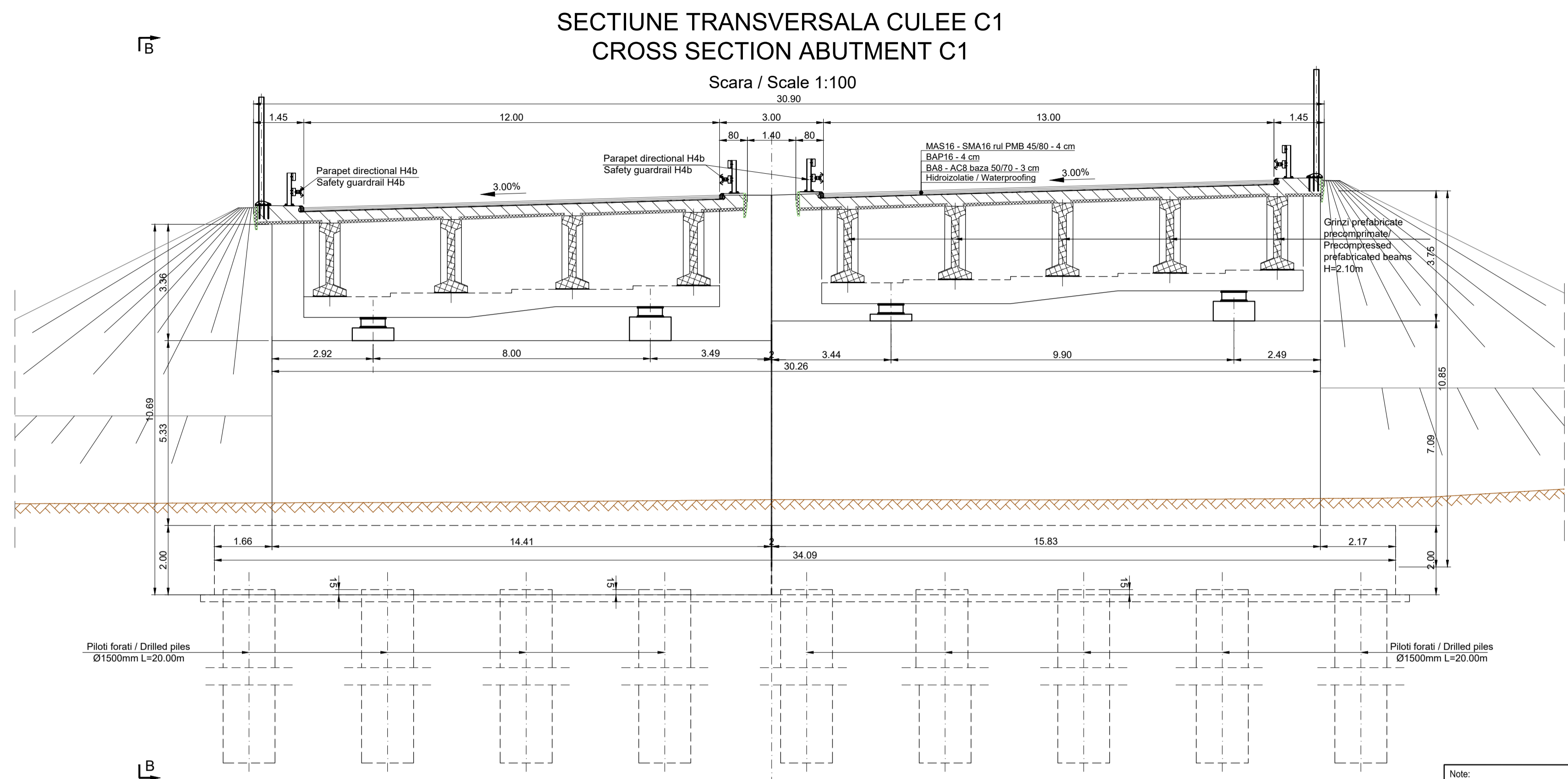
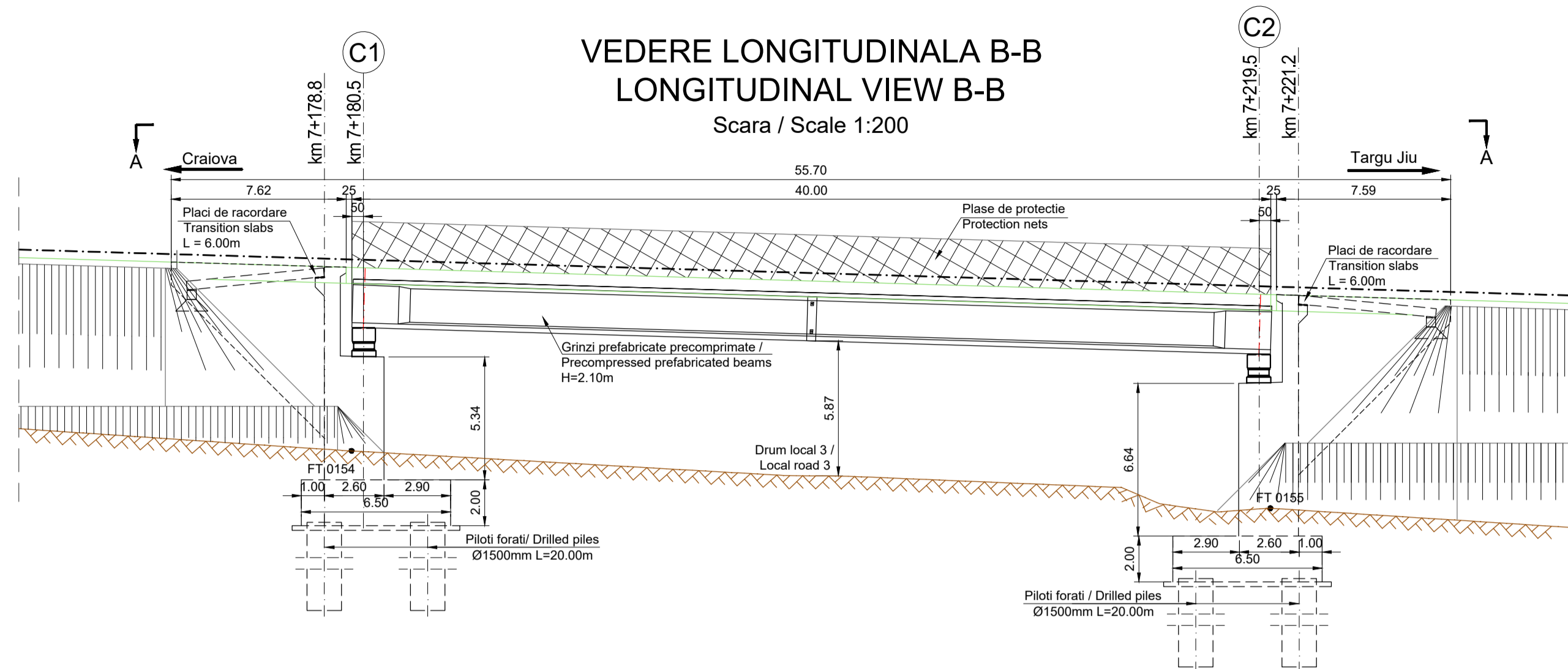
DISPOZITIE GENERALA GENERAL LAYOUT
Pasaj pe DN 55C
km 6+180 peste Autostrada / Passage on DN 55C pk 6+180 over Motorway

COORDONATOR ADUNCT DE PROIECT PROJECT COORDINATOR DEPUTY:
R. THADANI
G. PERICOLO
G. BARONCEA
M. ANDREI
A. PRODAN

INGINER PROIECTANT DE PODURI BRIDGE DESIGN ENGINEER:
G. PERICOLO
G. BARONCEA
M. ANDREI
A. PRODAN

VERIFICATOR INTERN INTERNAL CHECKER:
A. PRODAN

Contract nr. 92/2579
Revisia nr. 0
Data: 10/2023
Scara: 1:200 / 1:100
Cod desen: 22579-C7J-SF-1-A-3.3-DG-S-06-R00
Drawing number:



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
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
Lifespan: 120 years

Convoaie de calcul
Loading convoys

LM1 - conf. SR EN 1991-2:2005
LM2 - acc. SR EN 1991-2:2005

LM1 - acc. SR EN 1991-2:2005
LM2 - acc. SR EN 1991-2:2005

Categoria de importanta: "B"
Importance category: "B"

Grad de seismicitate:
"B_s", conf. SR 11100/1-93
a_s=0.20g, T_c=0.1s acc. P100-1:2013

Exigente de verificare faza PT: A4, B2, D Af

Seismic area characteristics:
"B_s", acc. SR 11100/1-93
a_s=0.20g, T_c=0.1s acc. P100-1:2013

Quality requirements for TP phase: A4, B2, D Af

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

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

Note:

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

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

PROIECTANT / ASOCIEREA / DESIGNER ASSOCIATION: egis SEARCH CORPORATION

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 Autostrada km 7+179 peste Drum local 3 / Passage on Motorway pk 7+179 over Local road 3

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

INGINER PROIECTANT DE PODURI / BRIDGE DESIGN ENGINEER: G. PERICCOLO, G. BARONCEA, M. ANDREI

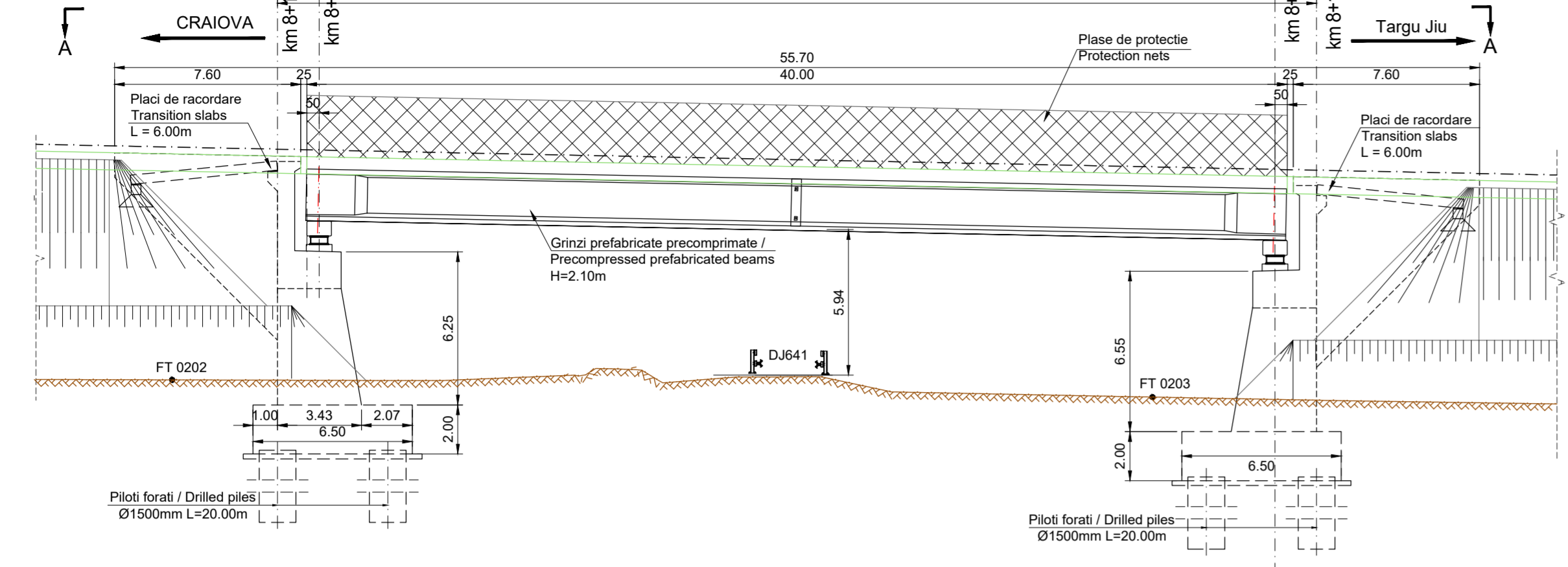
VERIFICATOR INTERN / INTERNAL CHECKER: A. PRODAN

Contract nr. 92/22579
Date: 10/2023
Cod desen: 22579-DT-SF-1-A-3.3-DG-S_06/00

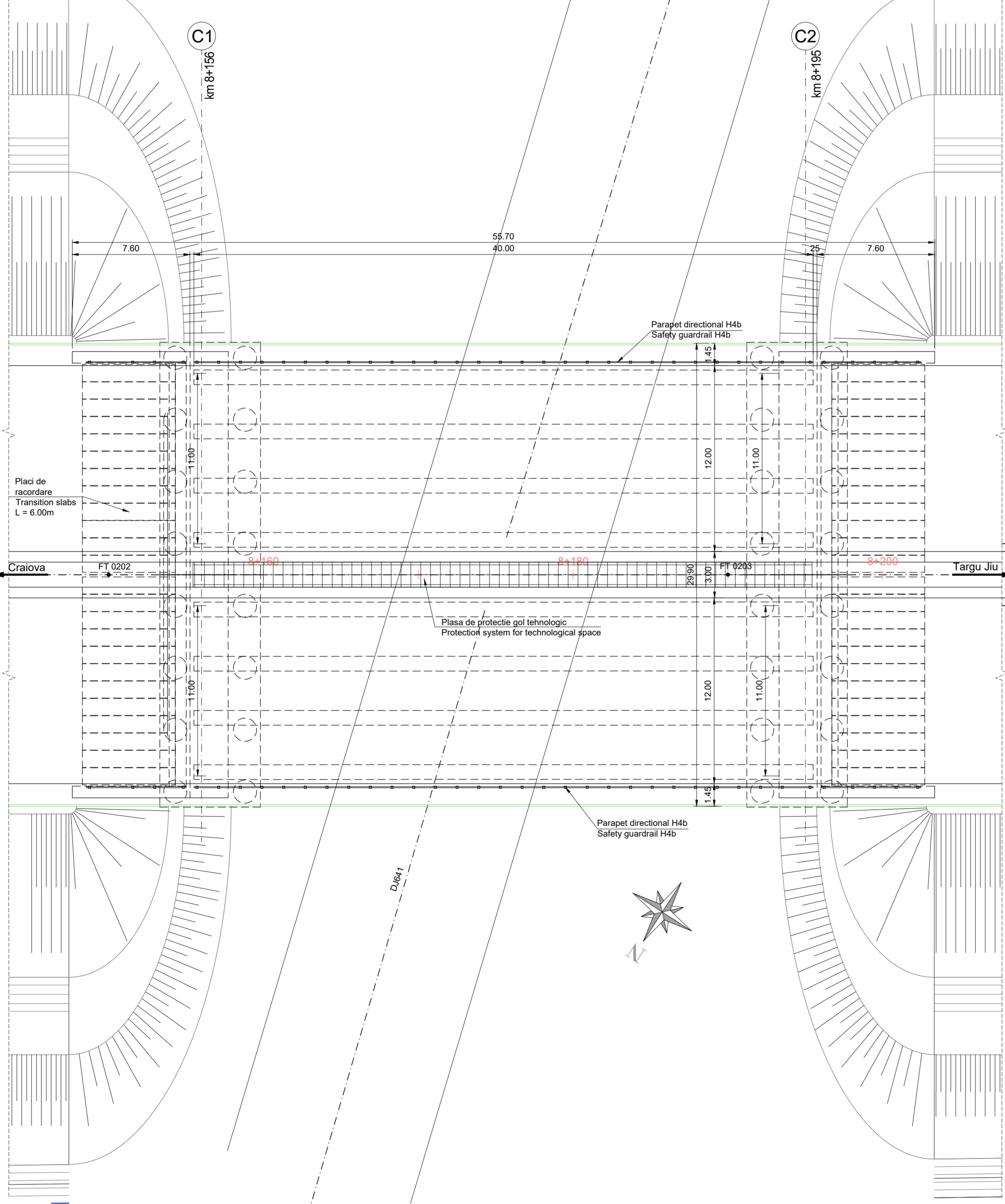
Revizita nr. 0
Scale: 1:200 / 1:100
Drawing number:

VEDERE LONGITUDINALA B-B
LONGITUDINAL VIEW B-B

Scara / Scale 1:200
42.40

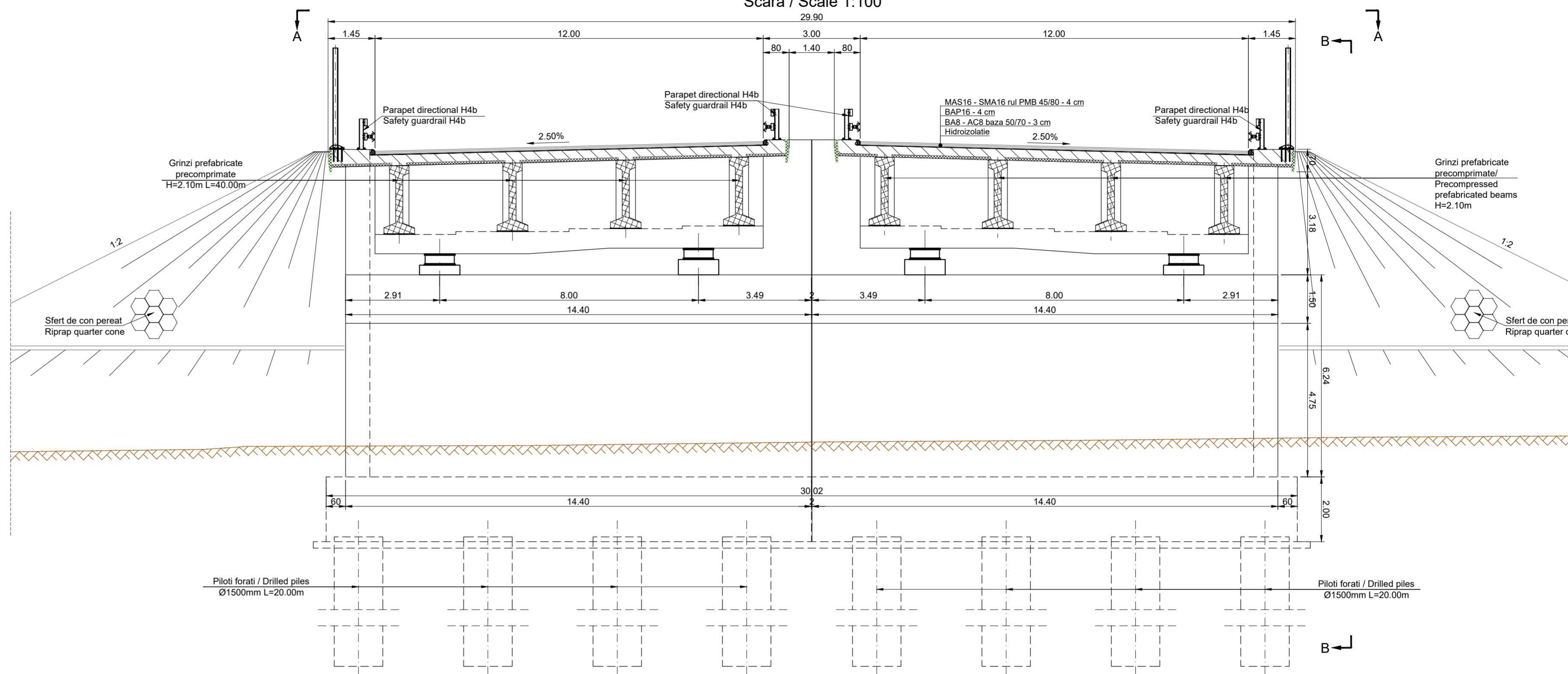


VEDERE PLANA A-A / PLAN VIEW A-A
Scara / Scale 1:200

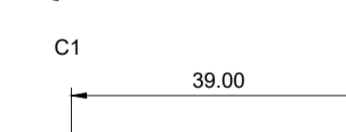


SECTIUNE TRANSVERSALA CULEE C1
CROSS SECTION ABUTMENT C1

Scara / Scale 1:100



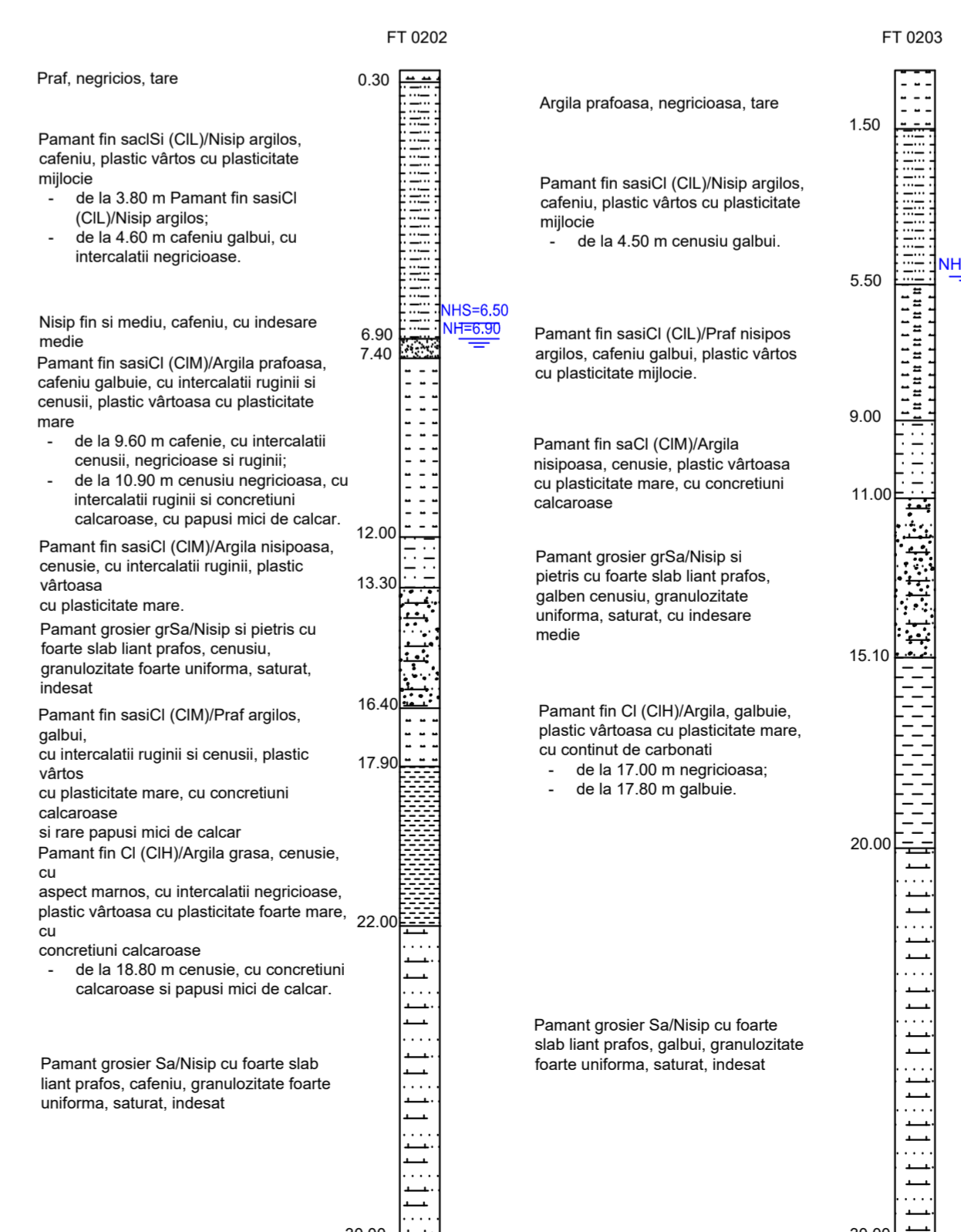
SCHEMA STATICA
STATIC SCHEME



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

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
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
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 / Pre-slabs	C35/45	XC3 XF1 XF3



Durata de viata: 120 ani
Convooise de calcul
LM1 - conf. SR EN 1991-2:2005
LM2 - conf. SR EN 1991-2:2005
Categorie de importanta: "B"
Grad de seismicitate:
a₀=0.20g, T_{cd}=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:
a₀=0.20g, T_{cd}=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 pilozilor vor fi definitivate in etapa urmatoare de proiectare conform HG 907.

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

Note:

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

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

PROIECTANT ASOCIEREA / DESIGNER ASSOCIATION:
egis SEARCH CORPORATION SRL

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

LUCRARI DE PODURI, VADUCUTE SI PASAJE BRIDGES, VADUCTS AND PASSAGES WORKS

DISPOZITIE GENERALA GENERAL LAYOUT
Faza pe Autostrada km 8+154 peste DJ641 / Passage on Motorway pk 8+154 over DJ641

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

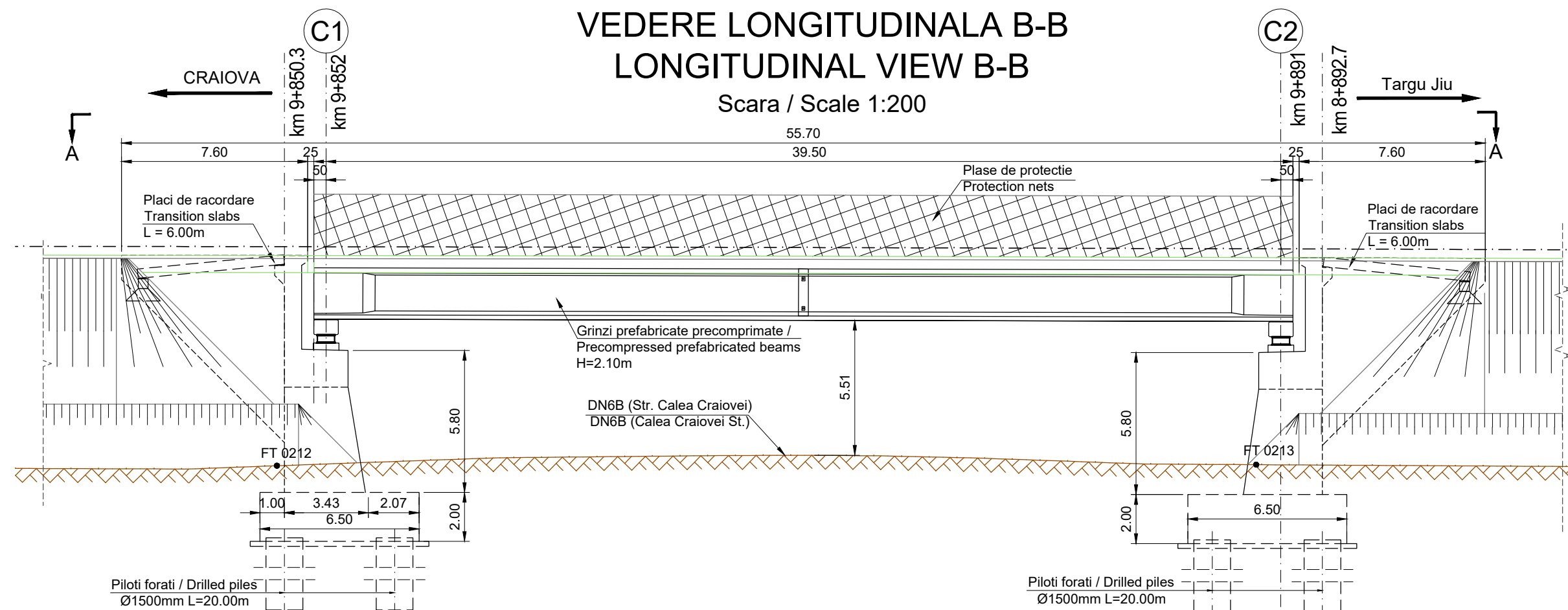
INGINER PROIECTANT DE PODURI BRIDGE DESIGN ENGINEER:
M. ANDREI

VERIFICATOR INTERN INTERNAL CHECKER:
A. PRODAN

Contract nr. 92/2579
Contract no.
Date: 10/2023
Cof. deoseit: 22579-C11-SP-1-A.3.DC-0-07.000
Drawing number.

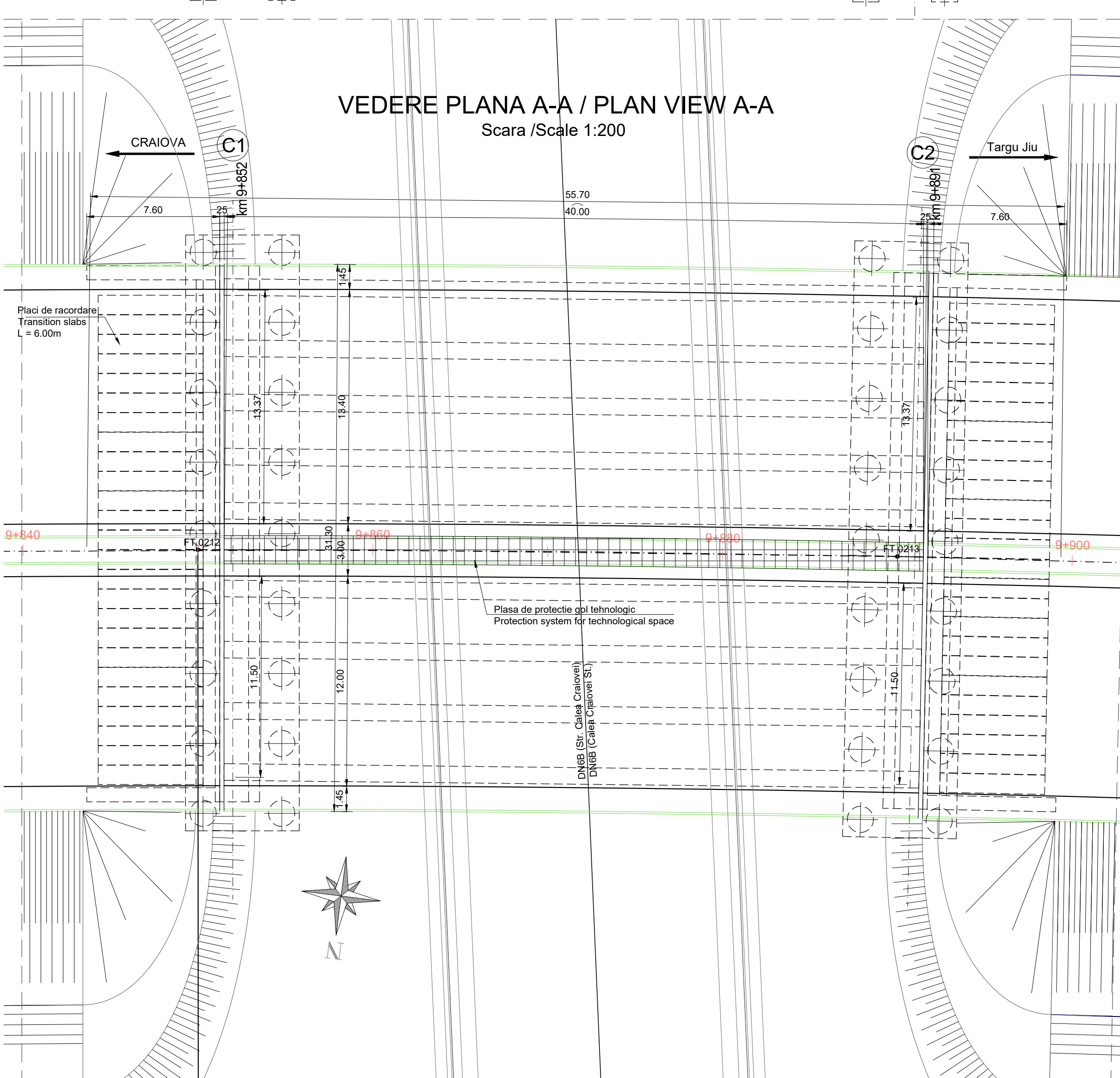
VEDERE LONGITUDINALA B-B
LONGITUDINAL VIEW B-B

Scara / Scale 1:200



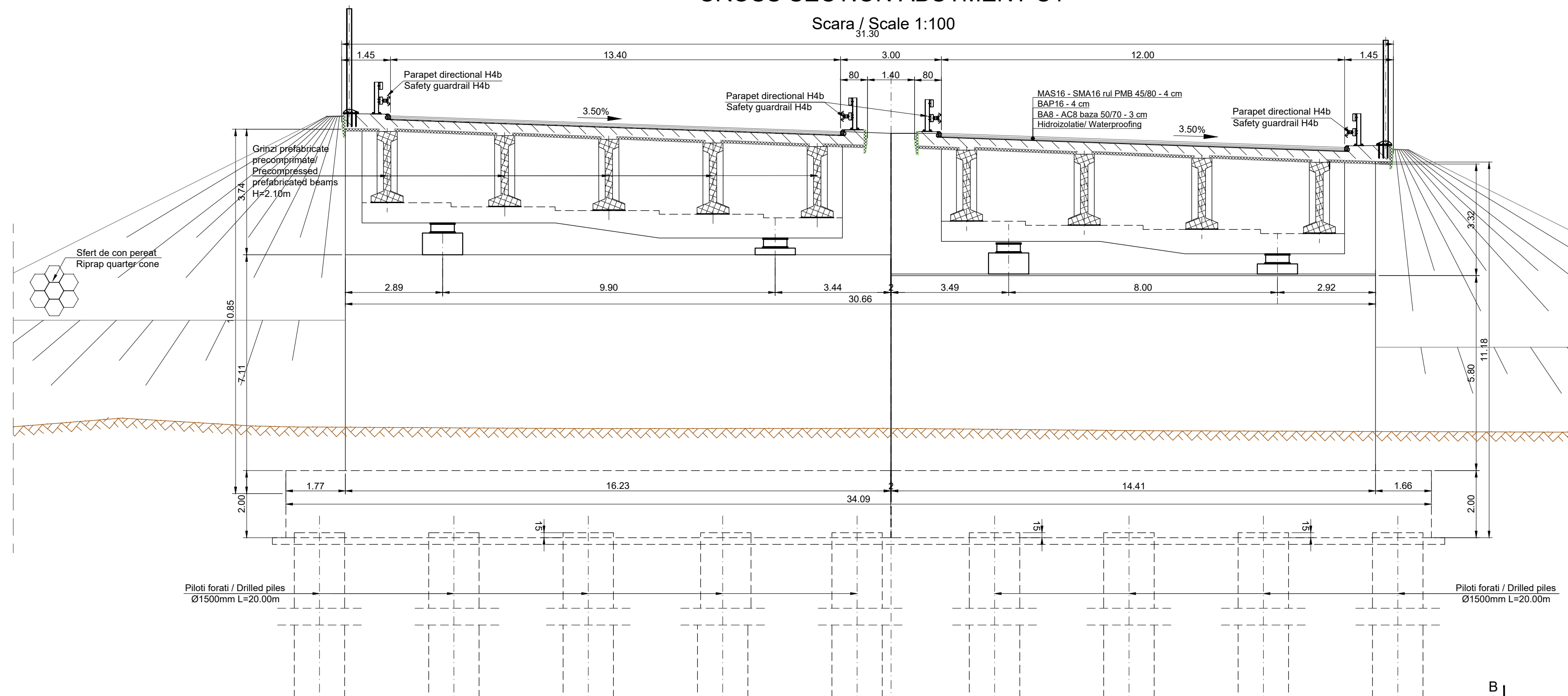
VEDERE PLANA A-A / PLAN VIEW A-A

Scara / Scale 1:200



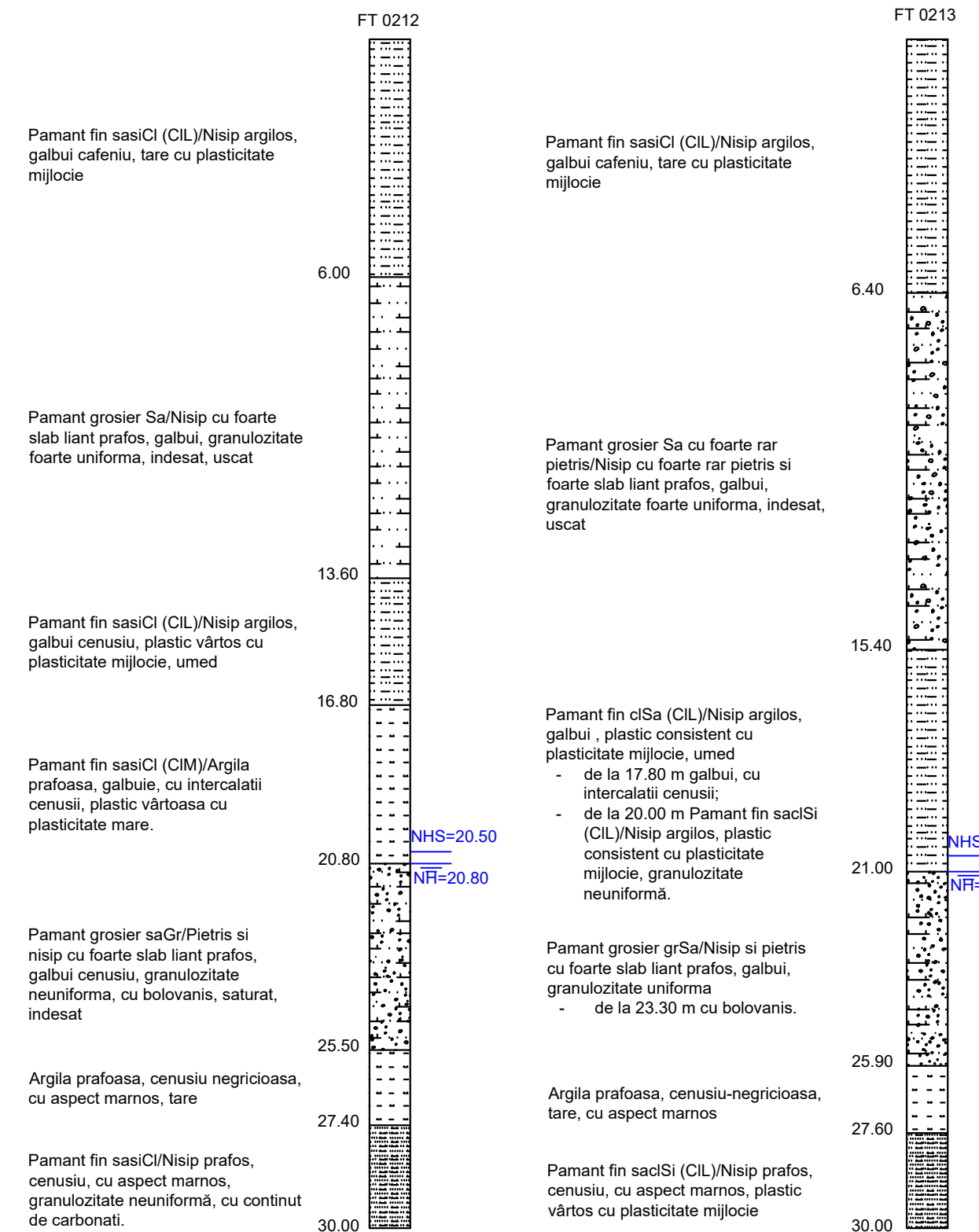
SECTIUNE TRANSVERSALA CULEE C1
CROSS SECTION ABUTMENT C1

Scara / Scale 1:100

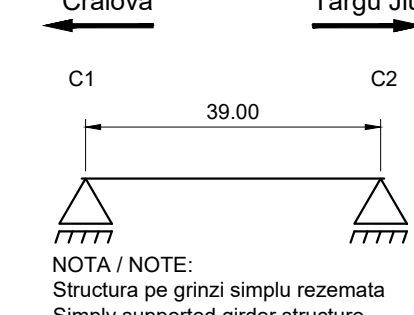


Note:

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



SCHEMA STATICA
STATIC SCHEME



CENTRALIZATOR CLASE DE BETON CONCRETE CLASS SUMMARY		
Element / Element	Clasa de beton / Concrete class	Clase de expunere / Exposure classes
Beton de egalizare / Leveling concrete	C12/15	X0
Piloti forati / Drilled piles	C30/37	XC4
Radiere / Foundations	C35/45	XC4
Elevatii / Elevations	C35/45	XC4 XD3 XF4
Placa de suprabetonare / Overconcreting slab	C35/45	XC1 XD3
Antretoaze / Cross beams	C35/45	XC1 XD3
Pereu / Riprap	C30/37	XC4 XF2
Fundatii peruu / 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

<p>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: "8", conf. SR 11100/1-93 a_s=0.20g, T_c=0.7s conf. P100-1:2013 Exigente de verificare faza PT: A4, B2, D Af</p>	<p>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: "8", acc. SR 11100/1-93 a_s=0.20g, T_c=0.7s acc. P100-1:2013 Quality requirements for TP phase: A4, B2, D Af</p>
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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.

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

PROIECTANT ASOCIEREA / DESIGNER ASSOCIATION: SEARCH CORPORATION SRL

ELABORARE STUDIU DE FEZABILITATE SI FILAS/TARGU JIU
CRAIOVA-FILAS SI 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
Pasaj pe Autostrada km 9+850 peste DN6B (strada Calea Craiovei) / Passage on Motorway pk 9+850 over DN6B (Calea Craiovei street)

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

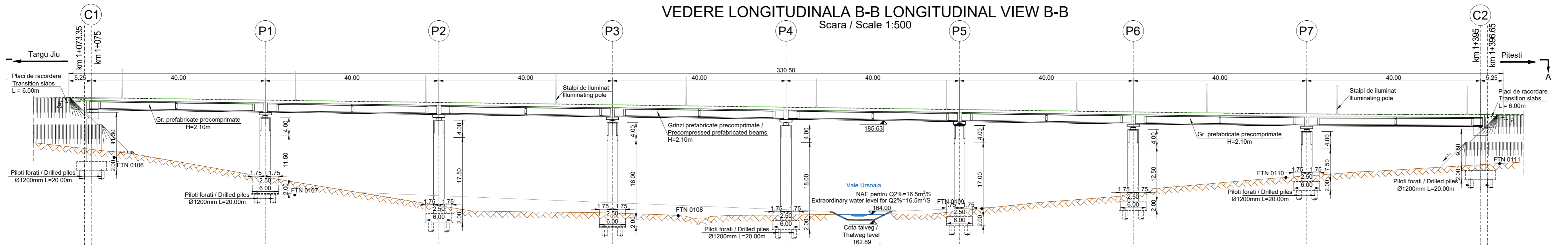
VERIFICAT INTERN / INTERNAL CHECKER: A. PRODAN

Contract nr. 92/22579 / Contract no. 92/22579

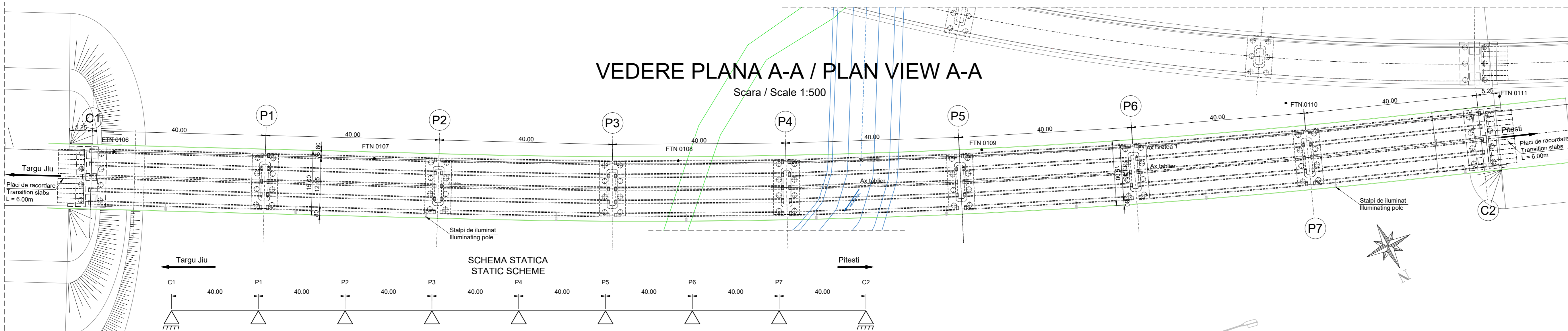
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Cod desen: 22579-C1-SF-1-A3-S-DG-S-08-R00 / Drawing number: 22579-C1-SF-1-A3-S-DG-S-08-R00

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



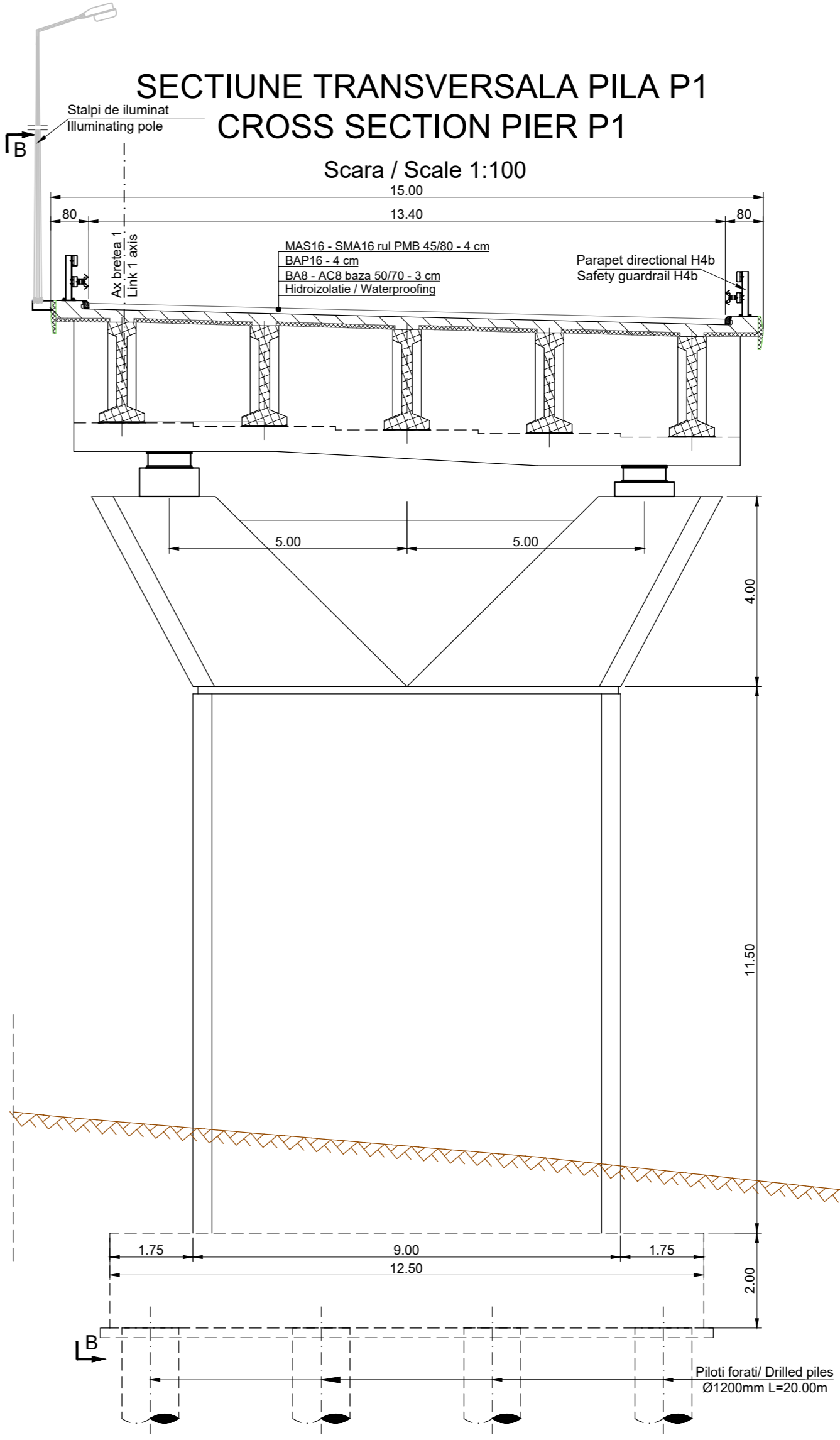
VEDERE PLANA A-A / PLAN VIEW A-A
Scara / Scale 1:500



SCHEMA STATICA
STATIC SCHEME



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 / Levelling 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 suprapunere / Overconcreting slab	C35/45	XC1 XD3
Antretoaze / Cross beams	C35/45	XC1 XD3
Pereți / Riprap	C30/37	XC4 XF2
Fundații pereți / 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 viață: 120 ani
Convoaie de calcul
LM1 - conf. SR EN 1991-2:2005
LM2 - conf. SR EN 1991-2:2005
Categorie de importanță: "B"
Grad de seismicitate:
"B", conf. SR 11100/1-93
 $a_s=0.20g, T_c=0.7s$ conf. P100-1:2013
Exigente de verificare faza PT: A4, B2, D
A1

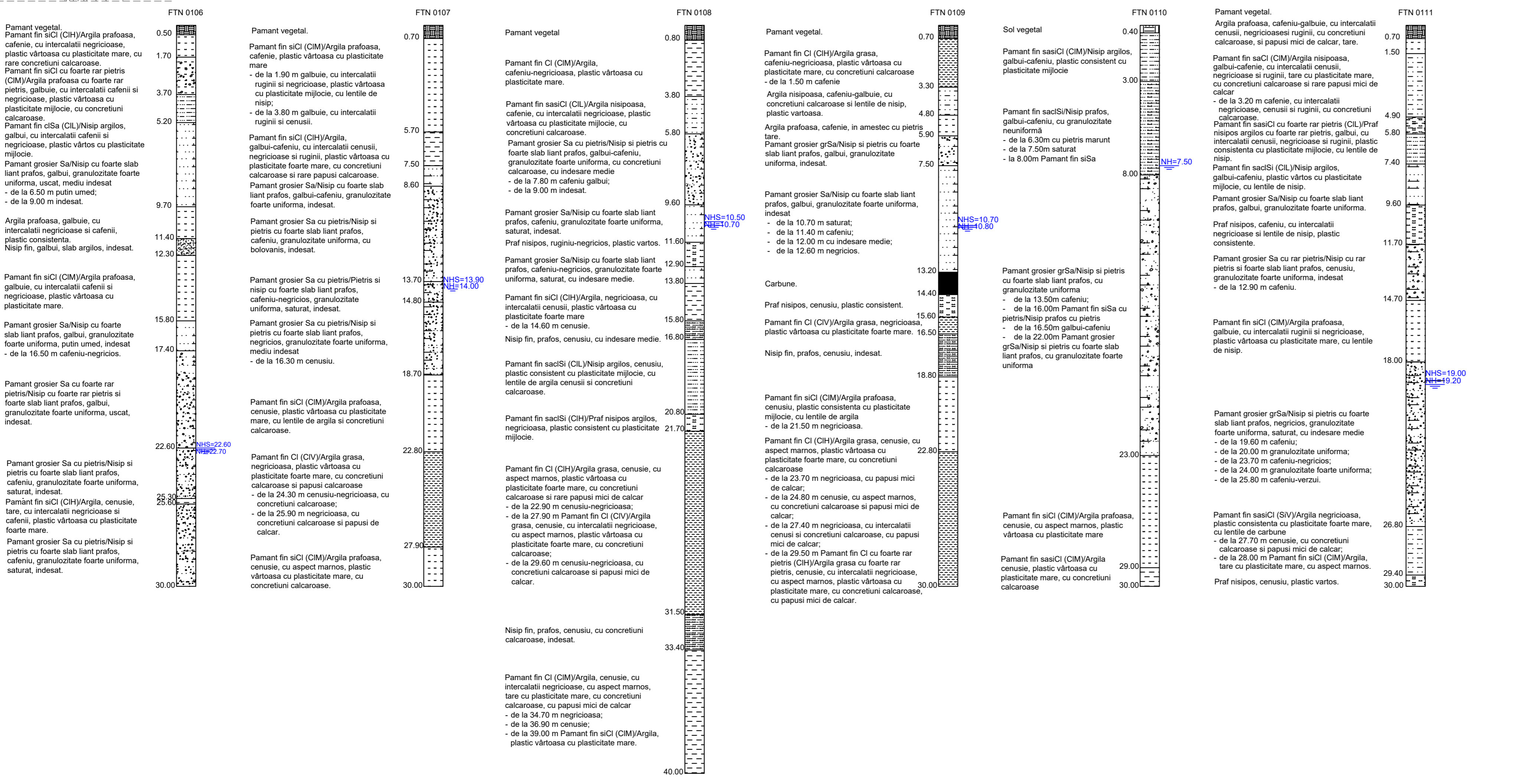
Conform recomandarilor Studiului Geotehnic structura este fundata indirect pe piloți forati. Diametrul și lungimea pilotelor vor fi definite în etapa următoare de proiectare conform HG 907.

Passajul va fi echipat cu schele mobile independente pe toate deschiderile și pe toată lățimea secțiunii 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:
"B", acc. SR 11100/1-93
 $a_s=0.20g, T_c=0.7s$ acc. P100-1:2013
Quality requirements for TP phase: A4, B2, D
A1

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 openings and across the entire width of the cross section.



Note:

- Reprezentarea profilului de Autostradă / Drum Express / drum este informativă. Profilele transversale tip se regăsesc în volumul de Lucrări de Drum.
- Eventualele îmbunătățiri ale terenului de fundare se vor executa conform recomandarilor Studiului Geotehnic.
- Reprezentarea 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.

ELABORARE STUDIULUI DE FEZABILITATE SI PROIECTAREA DE DETALIE A INFRASTRUCTURII
ELABORARE STUDIULUI DE FEZABILITATE SI PROIECTAREA DE DETALIE A INFRASTRUCTURII
PREPARATION OF FEASIBILITY STUDY AND DETAILED DESIGN OF ROAD INFRASTRUCTURE
MOTORWAY AND FILAS/TARGU JIU EXPRESS

ELABORARE STUDIULUI DE FEZABILITATE SI PROIECTAREA DE DETALIE A INFRASTRUCTURII
ELABORARE STUDIULUI DE FEZABILITATE SI PROIECTAREA DE DETALIE A INFRASTRUCTURII
PREPARATION OF FEASIBILITY STUDY AND DETAILED DESIGN OF ROAD INFRASTRUCTURE
MOTORWAY AND FILAS/TARGU JIU EXPRESS

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

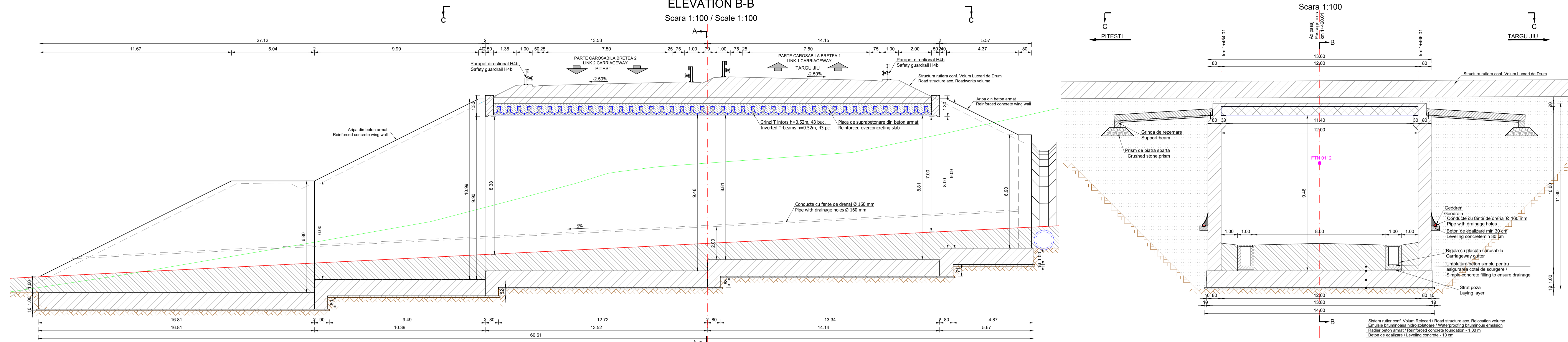
DISPOZITIE GENERALA
GENERAL LAYOUT
Passaj pe Brolia / Nod Ghicesti
km 1+083 peste Vale Ursosia
Varianta 2 /
Passage on Link / Ghicesti Interchange
pk 1+083 over Vale Ursosia
2nd version

COORDONATOR ADJUNCT DE PROIECT
PROJECT COORDINATOR DEPUTY
G. PERICOLU
INGINER PROIECTANT DE POZITIE
BRIDGE DESIGN ENGINEER
INGINER PROIECTANT DE POZITIE
BRIDGE DESIGN ENGINEER
INGINER PROIECTANT DE POZITIE
BRIDGE DESIGN ENGINEER
VERIFICATOR INTERN
INTERNAL CHECKER
A. PRODAN

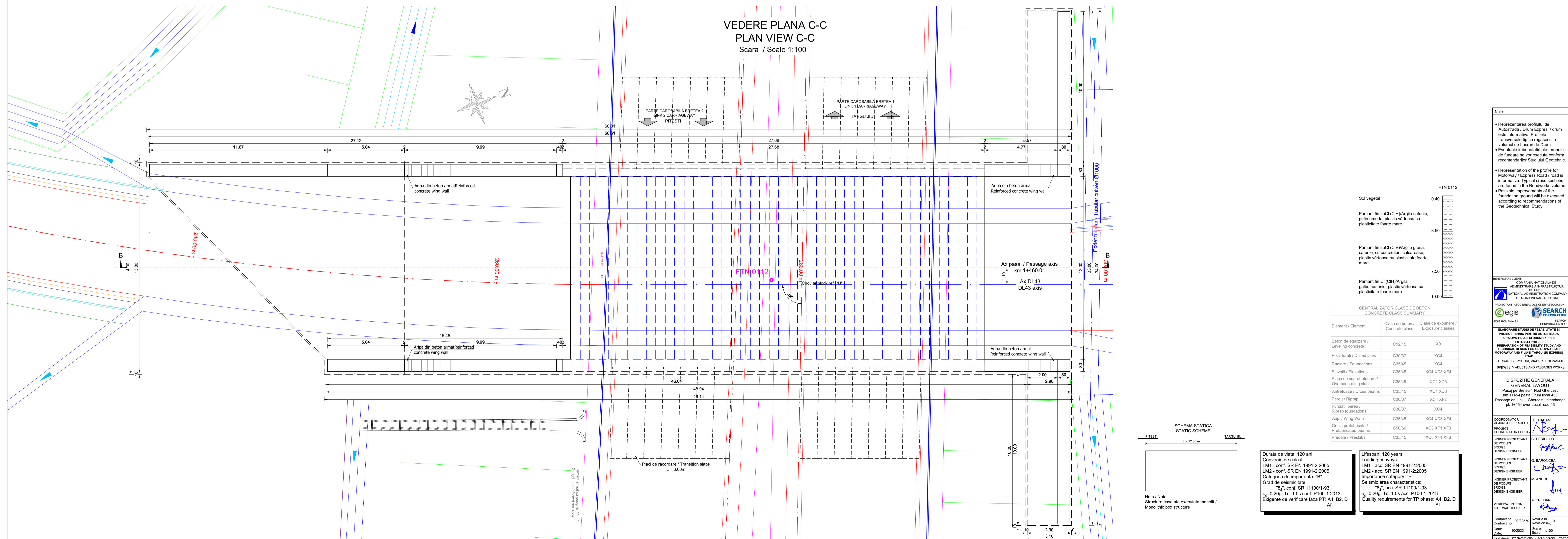
Contract nr. 8222578
Contract nr. 8222578
Data: 10/2023
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Scale: 1:500 / 1:100
Căsuță: 2023-07-07
Drawing number:

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

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

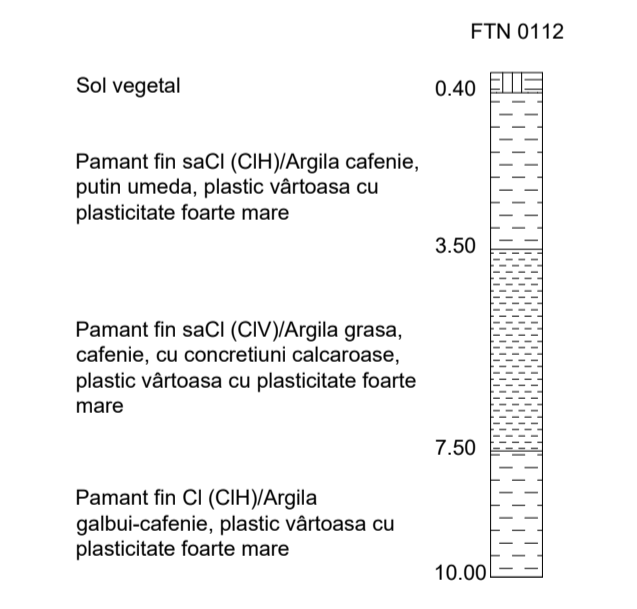


VEDERE PLANA C-C
PLAN VIEW C-C
Scara / Scale 1:100



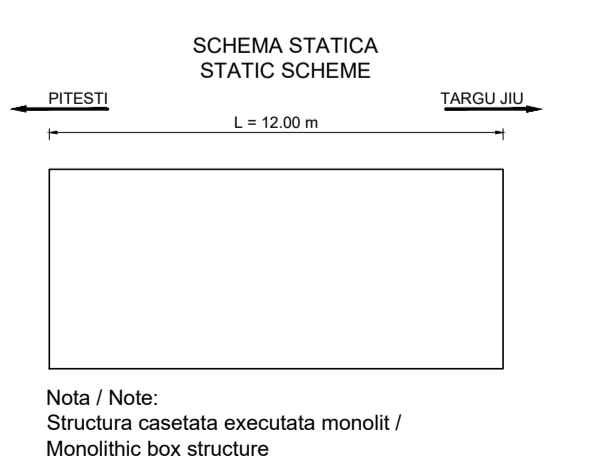
Note:

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



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
Antrebrase / Cross beams	C35/45	XC1 XD3
Pensu / Riprap	C30/37	XC4 XF2
Fundatii pensu / Riprap foundations	C30/37	XC4
Arpi / Wing Walls	C35/45	XC4 XD3 XF4
Grinzi prefabricate / Prefabricated beams	C50/60	XC3 XF1 XF3
Presale / 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
Categorie de importanta: "B"
Grad de seismicitate: "B_s", conf. SR 111001-93
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 convoys LM1 - acc. SR EN 1991-2:2005 LM2 - acc. SR EN 1991-2:2005
Importance category: "B"
Seismic area characteristics: "B_s", acc. SR 111001-93
a_s=0.20g, T_c=1.0s acc. P100-1:2013
Quality requirements for TP phase: A4, B2, D Af

Beneficiari / CLIENT: ROMANIA NATIONALA DE ADMINISTRARE A INFRASTRUCTURII NATIONALE NATIONAL ADMINISTRATION COMPANY OF ROAD INFRASTRUCTURE

Proiectant / DESIGNER ASSOCIATION: EGIS ROMANIA SA SEARCH CORPORATION SRL

ELABORARE STUDIULUI DE REALIZARE SI PROIECT TEHNIC PENTRU AUTOSTRADA "DRUMUL LIBER DE DRUMURI" FILIALA TARGU JIU PREPARAREA SI REALIZAREA STUDIULUI SI PROIECTULUI TEHNIC PENTRU GRADUA FIABILITATEI MOTORWAY AND LOCAL INFRASTRUCTURE ROAD

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

DISPOZITIE GENERALA GENERAL LAYOUT
Pasaj pe Bretea 1 Nord Gherseni km 1+454 peste Drum local 43 / Passage on Link 1 Gherseni interchange PK 1+454 over Local road 43

COORDONATOR ADJUNCT DE PROIECT / COORDINATOR DEPUTY: R. THADANI

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

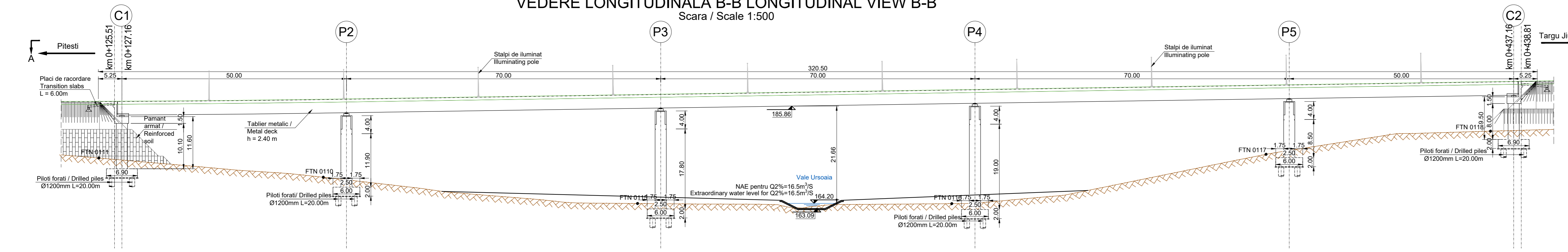
INGINER PROIECTANT DE PODURI / BRIDGE DESIGN ENGINEER: G. BARONICA

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

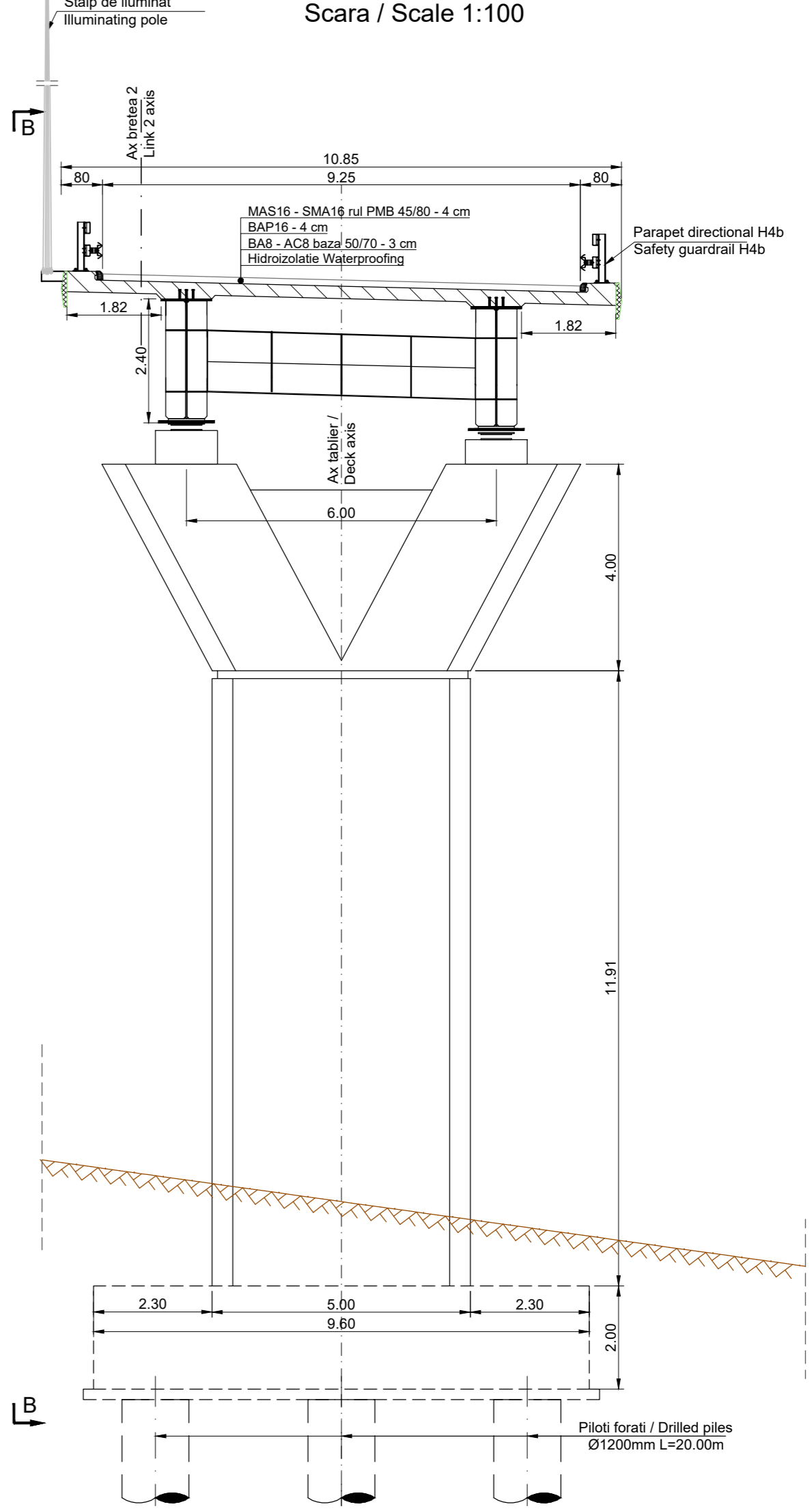
VERIFICAT INTERN / INTERNAL CHECKER: A. PRODIAN

Contract nr. 92/2579
Data: 10/2023
Date: 2023
Cod desen: 22/16/07/97-91-14.3.3-DG-SN_1/0480
Drawing number:

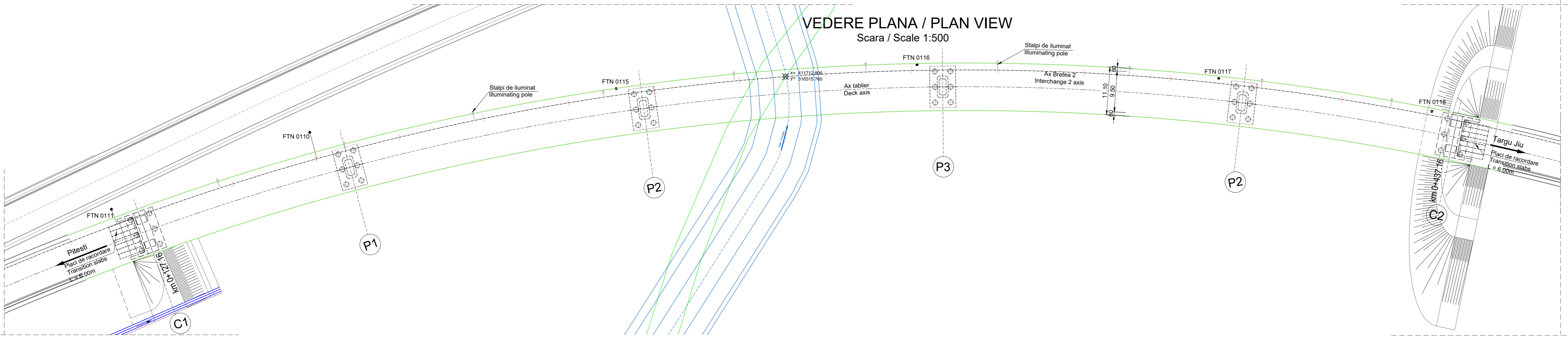
VEDERE LONGITUDINALA B-B LONGITUDINAL VIEW B-B
Scara / Scale 1:500



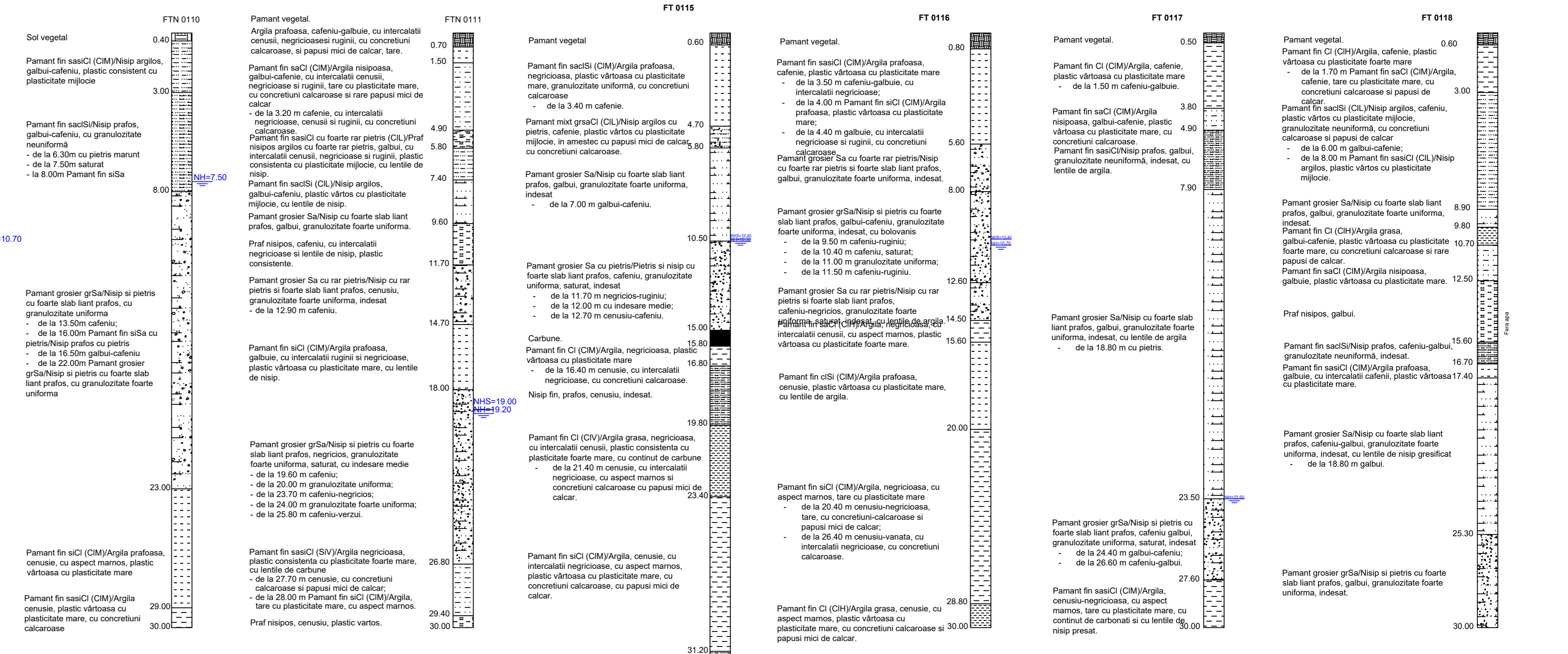
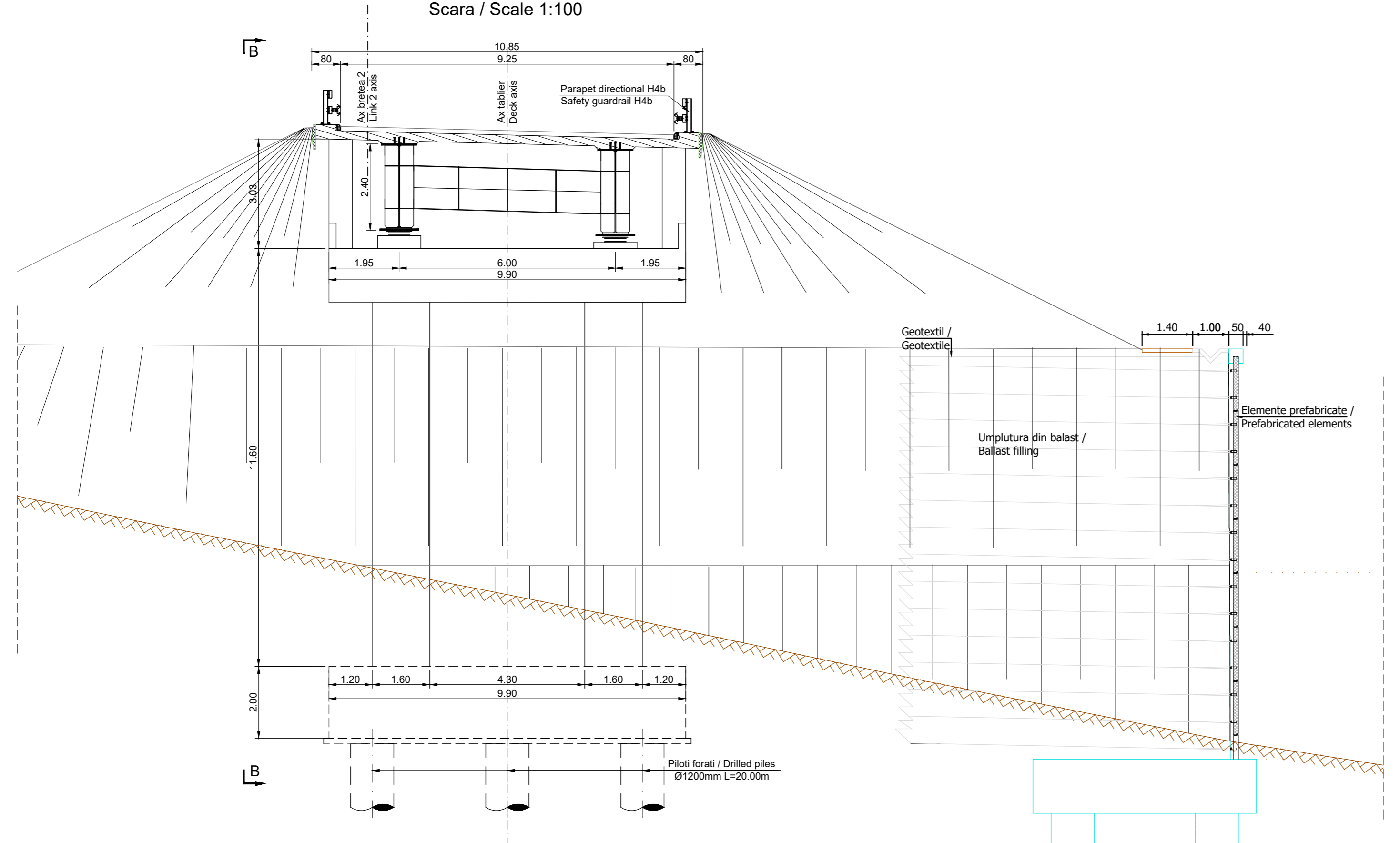
SECTIUNE TRANSVERSALA PILA P1
CROSS SECTION PIER P1
Scara / Scale 1:100



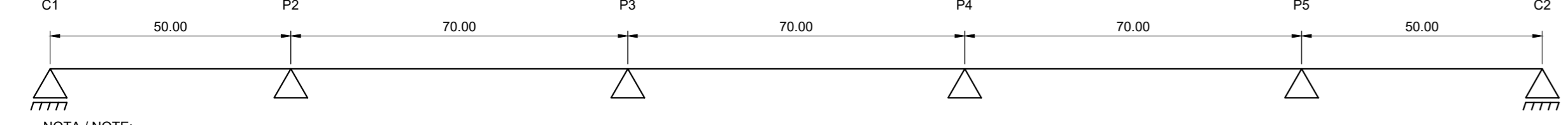
VEDERE PLANA / PLAN VIEW
Scara / Scale 1:500



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



SCHEMA STATICA
STATIC SCHEME



NOTA / NOTE:
Structura pe grinză continuă
Continuous girder structure

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

ELABORARE STUDIULUI DE FEZABILITATE SI PROIECTARE DETALIATA A AUTOSTRAZII SI DRUMULUI EXPRESS
GRANDVA-PLAS SI DRUMUL EXPRESS
PREPARATION OF FEASIBILITY STUDY AND TECHNICAL DESIGN FOR GRANDVA-PLAS MOTORWAY AND FLAG-TARGU JIU EXPRESS ROAD.

LUCRARI DE POZITIE, VADUCTE SI PASAJE
BRIDGES, VADUCTS AND PASSAGE WORKS

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
Rădăni / Foundations	C35/45	XC4
Elevații / Elevations	C35/45	XC4 XD3 XF4
Placa de suprastructură / Overconcreting slab	C35/45	XC1 XD3
Antrezoare / Cross beams	C35/45	XC1 XD3
Pereti / R/rap	C30/37	XC4 XF2
Fundații pereti / R/rap foundations	C30/37	XC4
Grinză prefabricată / Prefabricated beams	C50/60	XC3 XF1 XF3
Pretalca / Prestriabs	C35/45	XC3 XF1 XF3

Durata de viață: 120 ani
Loading convoys
LM1 - conf. SR EN 1991-2:2005
LM2 - conf. SR EN 1991-2:2005
Categorie de importanță: "B"
Grad de seismicitate: "B2", conf. SR 111001-1-03
a₀=0.20g, T_c=1.0s conf. P100-1:2013
Exigente de verificare fază 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: "B2", acc. SR 111001-1-03
a₀=0.20g, T_c=1.0s acc. P100-1:2013
Quality requirements for TP phase: A4, B2, D
AF

Conform recomandărilor Studiului Geotehnic, structura este indirectă pe piloți forati. Diametrul și lungimea și lungimea pilorilor vor fi finalizate în etapa următoare 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.

Pasajul va fi echipat cu schele mobile independente pe toată deschiderea și pe toată lățimea secțiunii transversale.

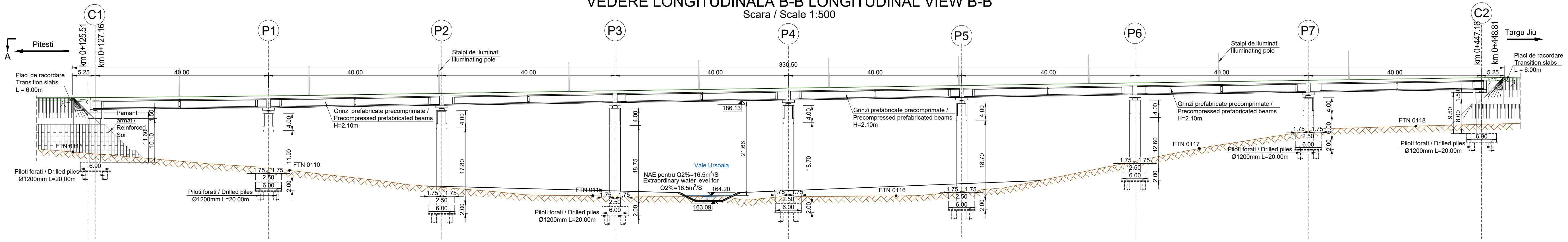
The passage will be equipped with independent mobile scaffolding on all openings and across the entire width of the cross section.

DISPOZIȚIE GENERALĂ
GENERAL LAYOUT
Vaduct pe Bretea 2 Nord Ghiorciți
km 0+125 peste Vale Ursoaia /
Viaduct on Link 2 Ghiorciți Interchange
JK 0+125 over Vale Ursoaia

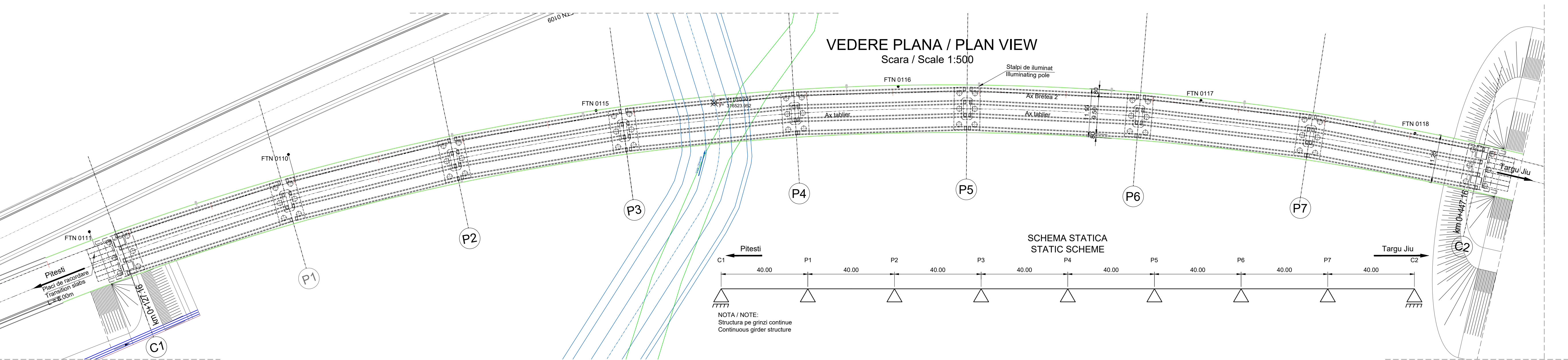
COORDONATOR ALIAT DE PROIECT
PROJECT COORDINATOR DEPUTY
INGINER PROIECTANT DE POZITIE
DESIGN ENGINEER
INGINER PROIECTANT DE BRIDGI
DESIGN ENGINEER
INGINER PROIECTANT DE POZITIE
DESIGN ENGINEER
INGINER PROIECTANT DE POZITIE
DESIGN ENGINEER
INGINER PROIECTANT DE POZITIE
DESIGN ENGINEER
INGINER PROIECTANT DE POZITIE
DESIGN ENGINEER

REVISOR Nr. 0
Revision no. 0
Scale: 1:500 / 1:100
Date: 10/2023
Scale: 1:500 / 1:100
Drawing number: 04-000

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

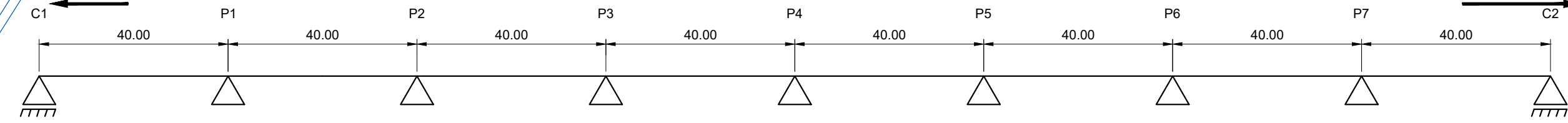


VEDERE PLANA / PLAN VIEW
Scara / Scale 1:500



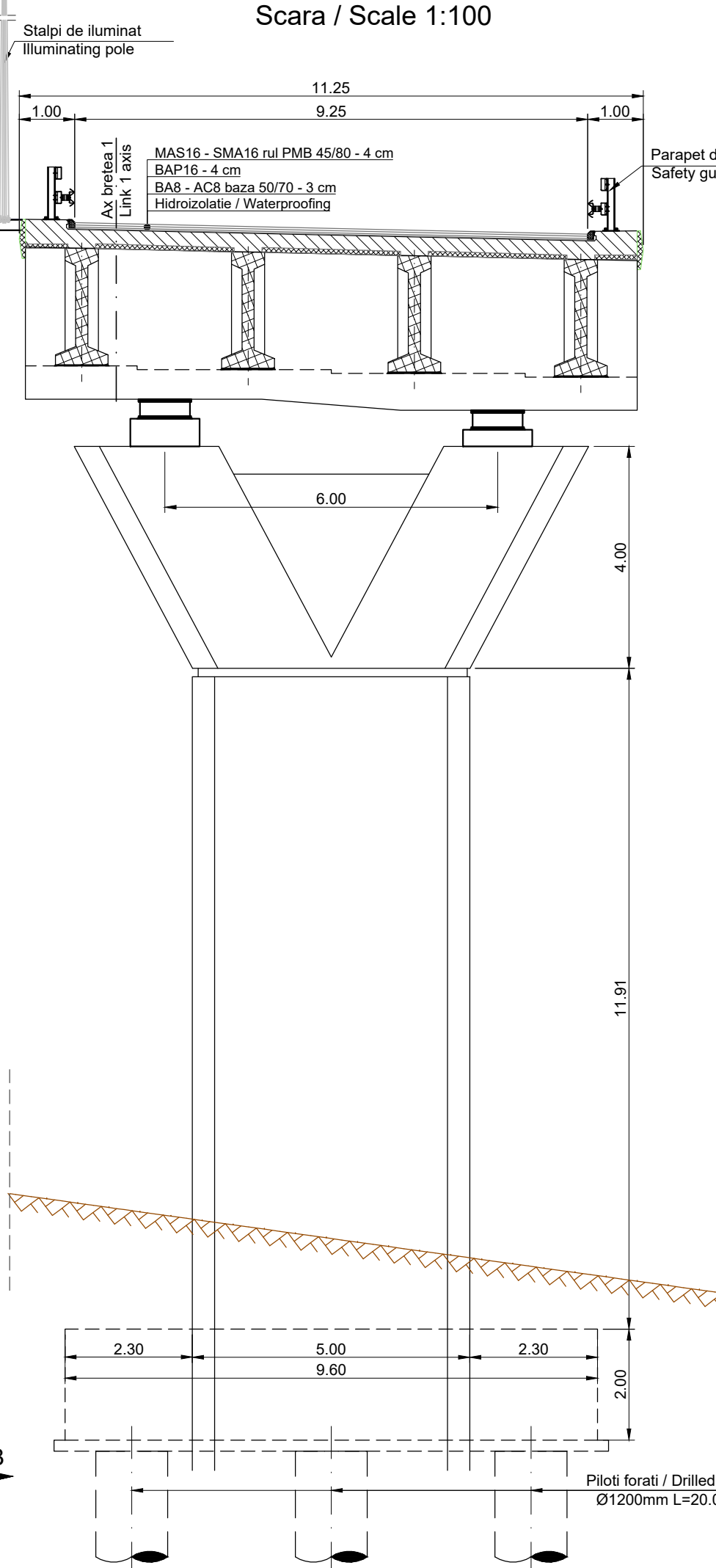
CENTRALIZATOR CLASE DE BETON CONCRETE CLASS SUMMARY		
Element / Element	Clasa de beton / Concrete class	Clasa de expunere / Exposure classes
Beton de egalizare / Leveling concrete	C12/15	X0
Piloți forati / Drilled piles	C30/37	XC4
Radiere / Foundations	C35/45	XC4
Elevatii / Elevations	C35/45	XC4 XD3 XF4
Placa de suprabetonare / Overconcreting slab	C35/45	XC1 XD3
Antrebrasa / Cross beams	C35/45	XC1 XD3
Peruu / Rrapp	C30/37	XC4 XF2
Fundatii peruu / Rrapp 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

SCHEMA STATICA
STATIC SCHEME



NOTA / NOTE:
Structura pe grinzi continue
Continuous girder structure

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



Durata de viata: 120 ani
Convooie de calca
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_s=0.20g, T_c=1.0s conf. P100-1:2013
Exigente de verificare faza PT: A4, B2, D
AF

Conform recomandarilor Studiului Geotehnic structurilor de drum este indirect pe piloti forati. Diametrii si lungimea pilotilor vor fi definitivi 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: "B", 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

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 openings and across the entire width of the cross section.

Notă:

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

BENEFICIAR / CLIENT: COMPANIA NATIONALA DE ADMINISTRARE SI INFRASTRUCTURA DE CALDRAVURI SI INFRASTRUCTURA DE CALDRAVURI
PROIECTANT / DESIGNER: EGIS ROMANIA SA
SEARCH CORPORATION SRL

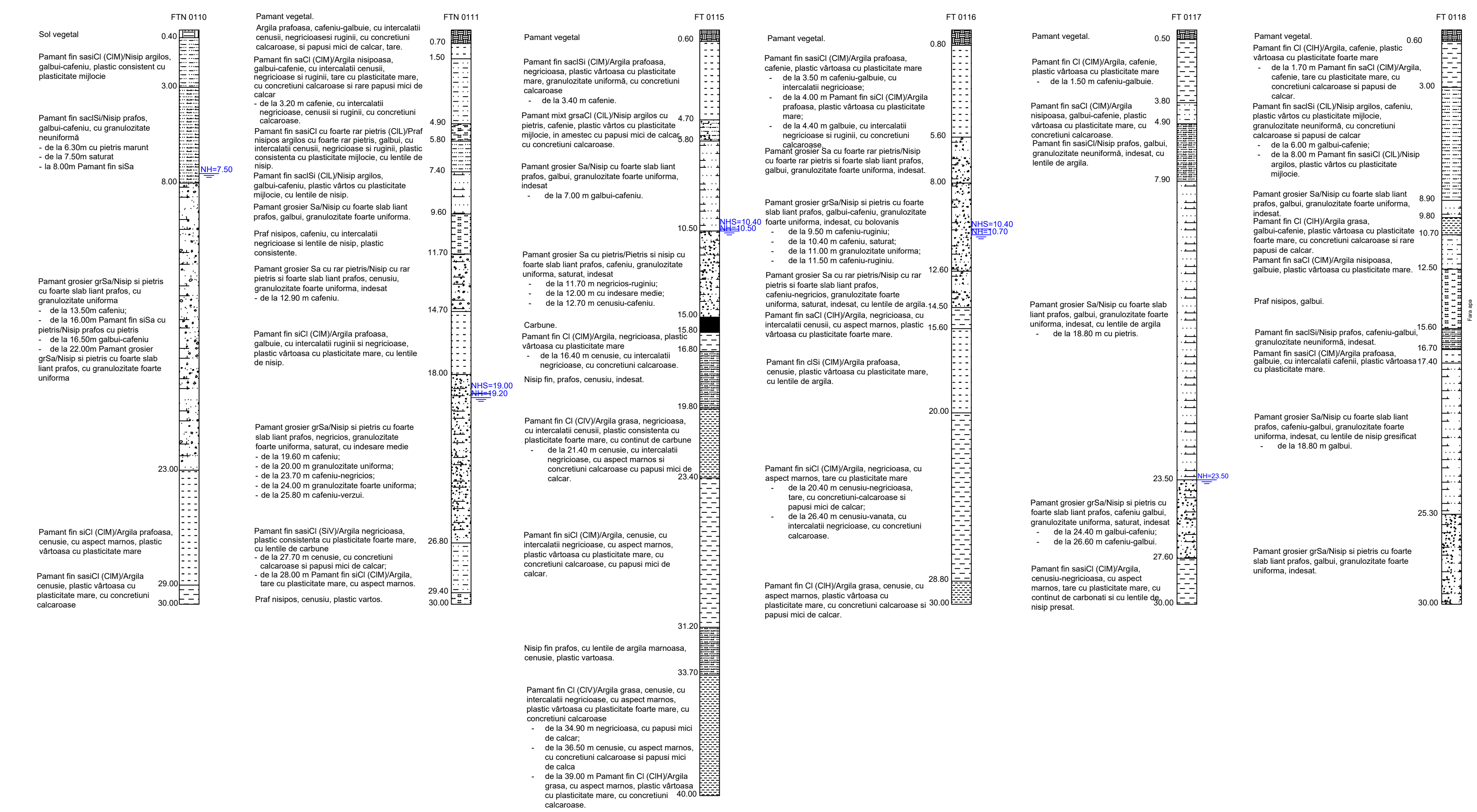
ELABORARE STUDIULUI DE FEZABILITATE SI PROIECTARE GENERALA A INFRASTRUCTURII DE CALDRAVURI SI INFRASTRUCTURA DE CALDRAVURI
PREPARATION OF FEASIBILITY STUDY AND TECHNICAL DESIGN FOR ROAD INFRASTRUCTURE
MOTORWAY AND EXPRESS ROAD

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

DISPOZITIE GENERALA
GENERAL LAYOUT
Viaduct pe Bulevardul 2 Mod Ghercesti km 0+125 peste Vale Ursoaia
Varianta 2 /
Viaduct on Link 2 Ghercesti Interchange pk 0+125 over Vale Ursoaia 2nd Version

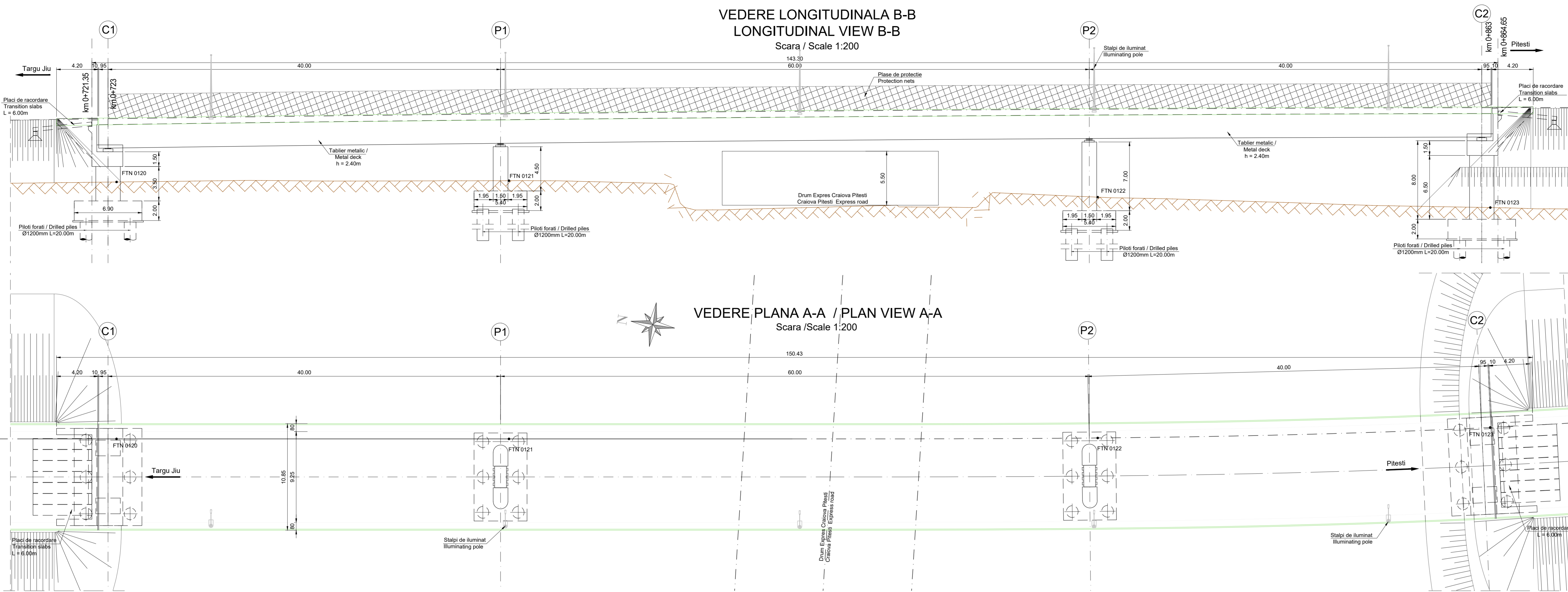
COORDINATOR DE PROIECT / PROJECT COORDINATOR DEPUTAT: R. TADANI
INGINER PROIECTANT DE PODURI / BRIDGE DESIGN ENGINEER: G. PERICOLU
INGINER PROIECTANT DE PODURI / BRIDGE DESIGN ENGINEER: G. BARONCEA
INGINER PROIECTANT DE PODURI / BRIDGE DESIGN ENGINEER: M. ANDREI
VERIFICATOR INTERN / INTERNAL CHECKER: A. PRODAN

Contract nr. 60/2579 / Revisia nr. 0
Data: 10/2023 / Scara: 1:500 / 1:100
Scale: 1:500 / 1:100
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Drawing number:

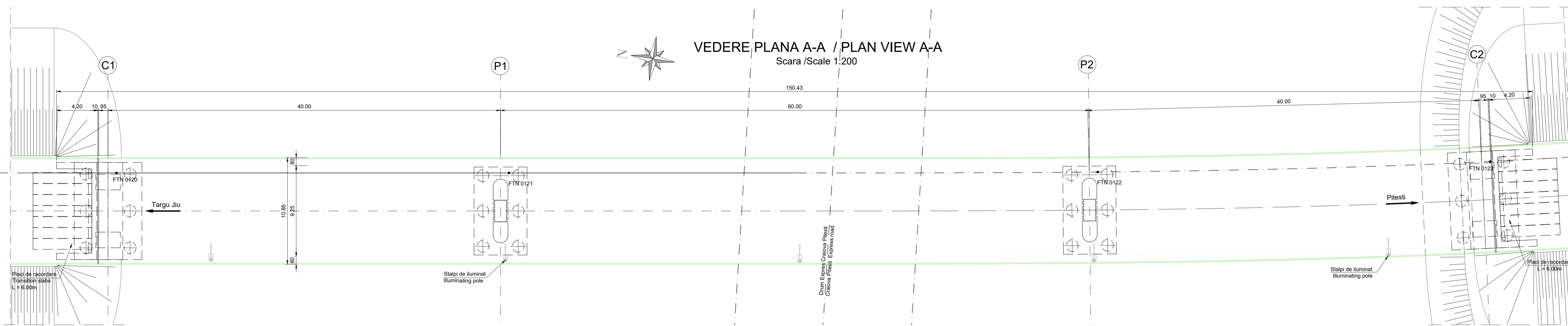


VEDERE LONGITUDINALA B-B
LONGITUDINAL VIEW B-B

Scara / Scale 1:200

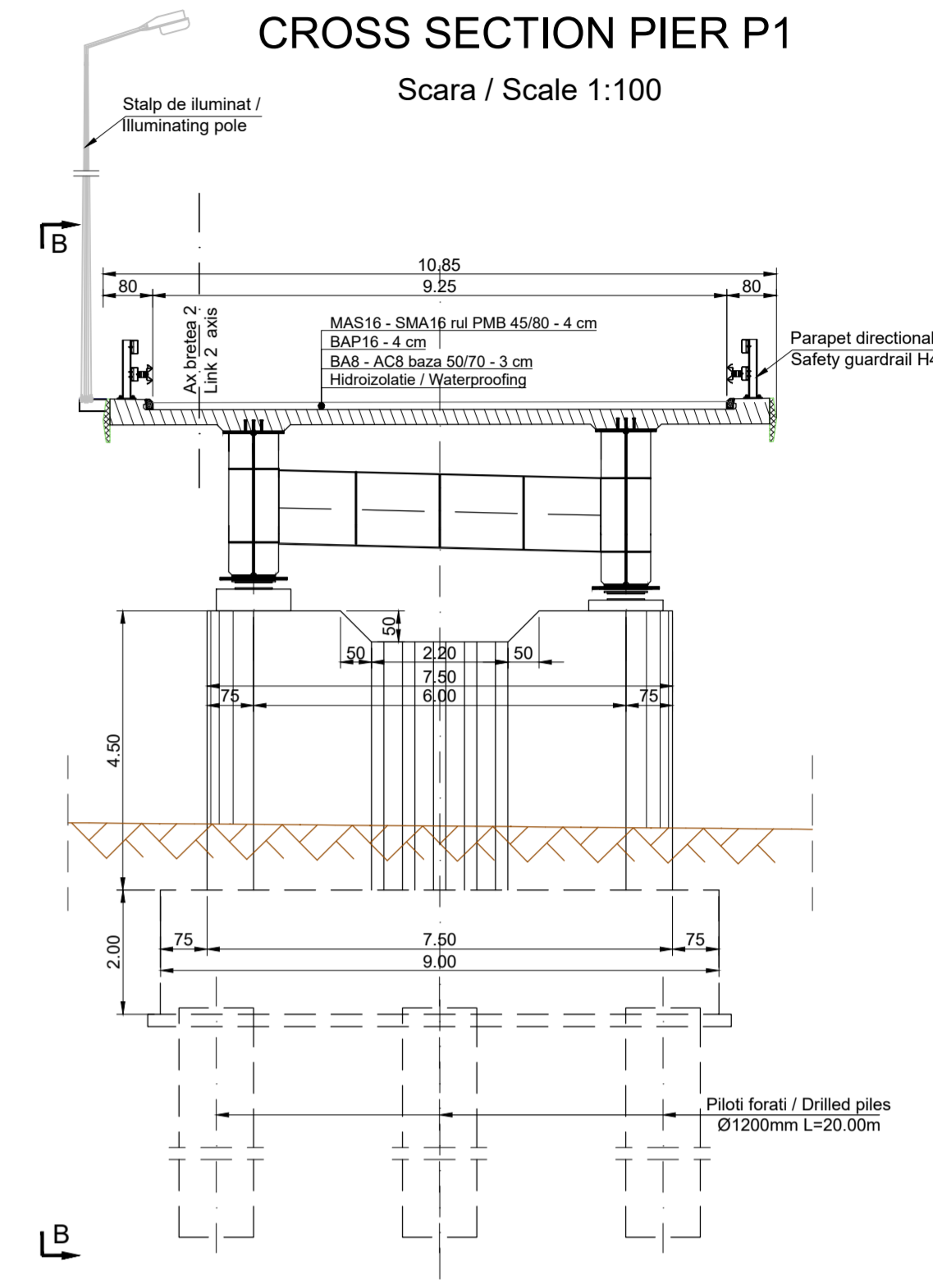


VEDERE PLANA A-A / PLAN VIEW A-A
Scara / Scale 1:200



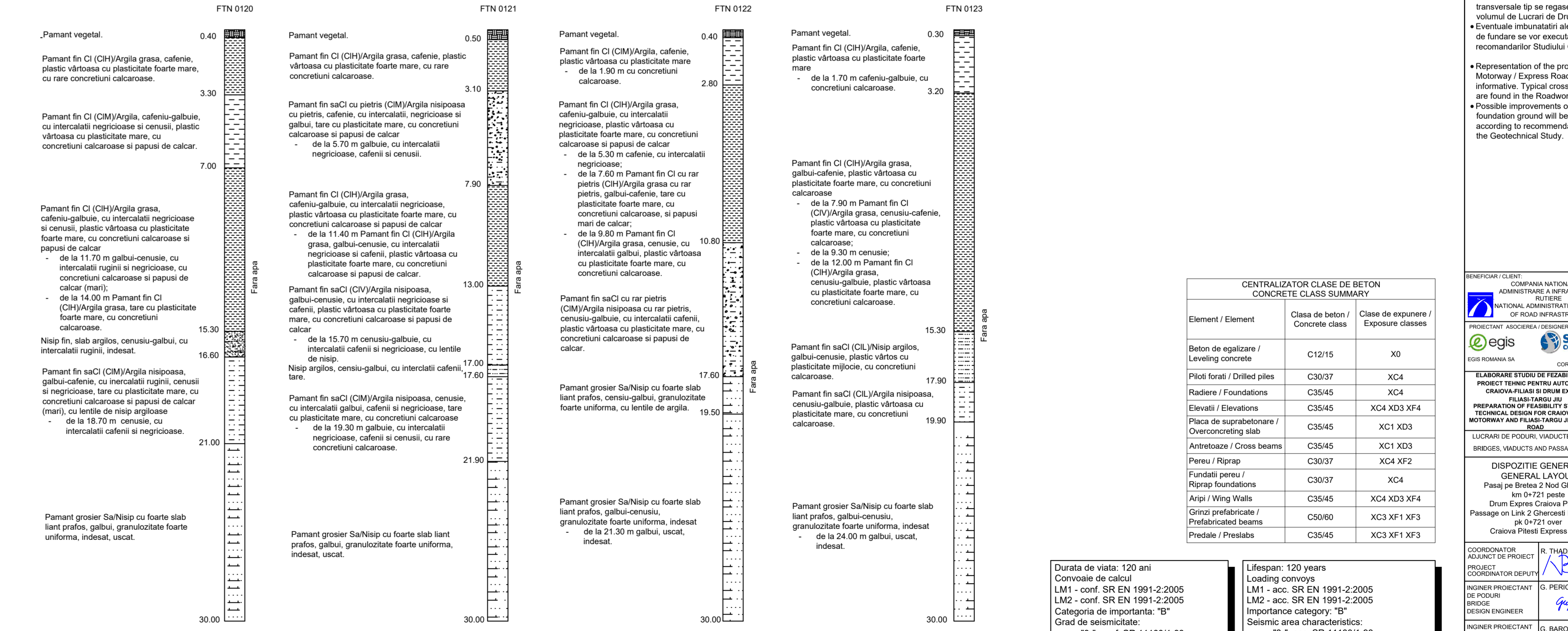
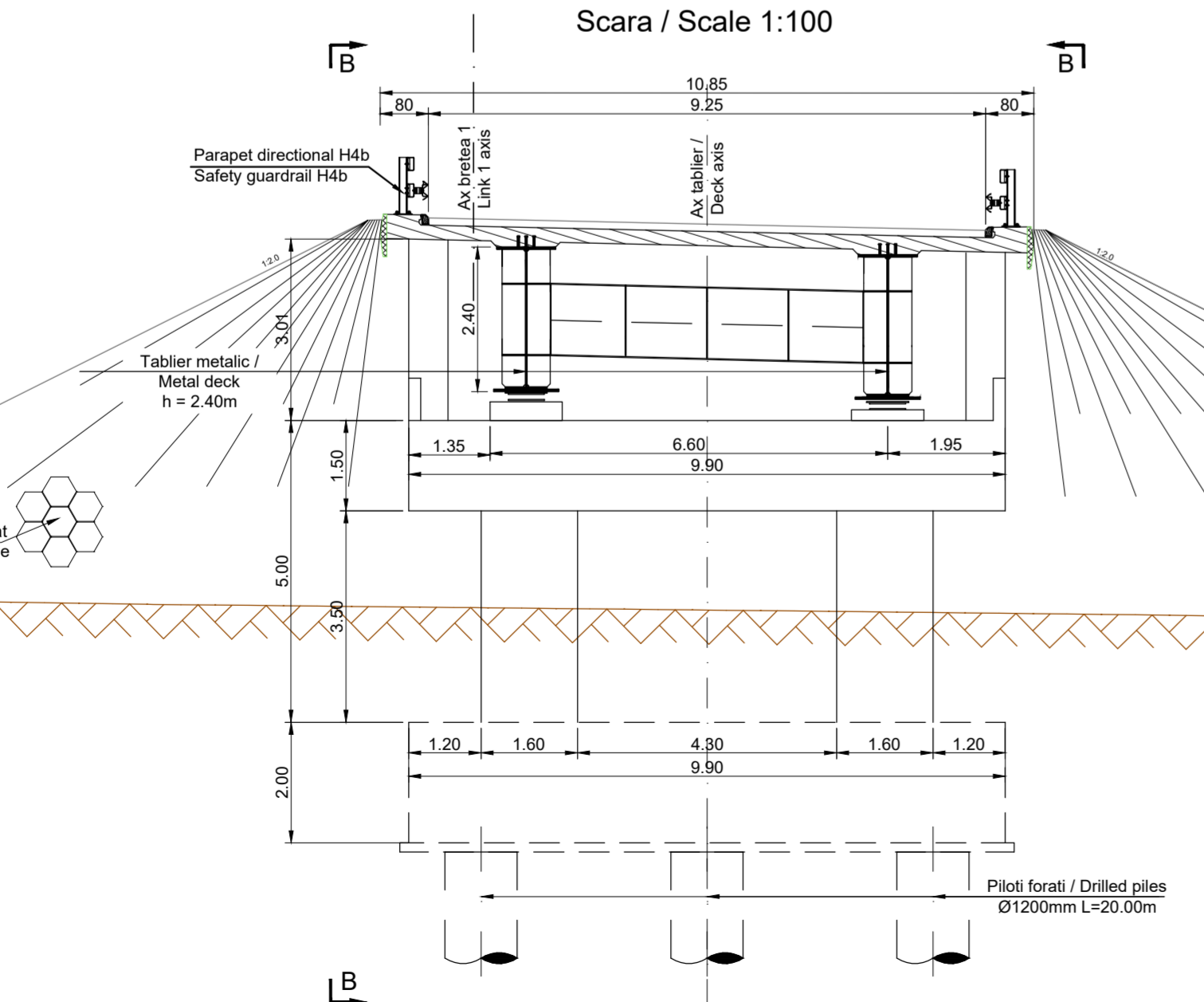
SECTIUNE TRANSVERSALA PILA P1
CROSS SECTION PIER P1

Scara / Scale 1:100



SECTIUNE TRANSVERSALA CULEE C1
CROSS SECTION ABUTMENT C1

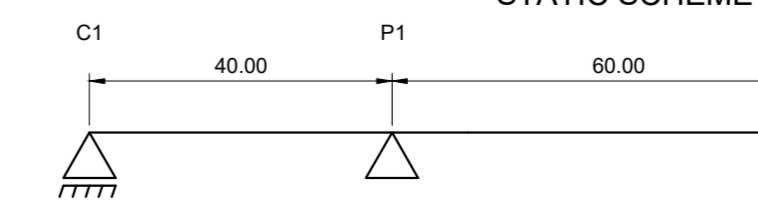
Scara / Scale 1:100



CENTRALIZATOR CLASE DE BETON
CONCRETE CLASS SUMMARY

Element / Element	Clasa de beton / Concrete class	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
Pereu / Riprap	C30/37	XC4 XF2
Fundatii pereu / Riprap foundations	C30/37	XC4
Arpi / Wing Walls	C35/45	XC4 XD3 XF4
Grinzii prefabricate / Prefabricated beams	C50/60	XC3 XF1 XF3
Predale / Preabs	C35/45	XC3 XF1 XF3

SCHEMA STATICA
STATIC SCHEME



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 11001-93
a₀=0.20g, Tc=1.0s 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: "B", conf. SR 11001-93
a₀=0.20g, Tc=1.0s conf. 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 pilozilor 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 Express / 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 ROTATIONALE
NATIONAL ADMINISTRATION COMPANY OF ROAD INFRASTRUCTURE

PROIECTANT / ASSOCIATE / DESIGNER/ASSOCIATE: EGIS ROMANIA SA

ELABORARE STUDIULUI DE FEZABILITATE SI PROIECTARE PENTRU AUTOSTRADA CROAVNA-FILAS SI DRUM EXPRESS TARGU JIU
PREPARATION OF FEASIBILITY STUDY AND TECHNICAL DESIGN FOR CROAVNA-FILAS MOTORWAY AND FILAS-TARGU JIU EXPRESS

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

DISPOZITIE GENERALA
GENERAL LAYOUT
Pasaj pe Bretea 2 Next Ghercesti km 0+721 peste
Drum Express Craiova Pitesti / Passage on Link 2 Ghercesti interchange pk 0+721 over Craiova Pitesti Express Road

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

INGINER PROIECTANT DE PODURI: G. GHIROLO
BRIDGE DESIGN ENGINEER: G. GHIROLO

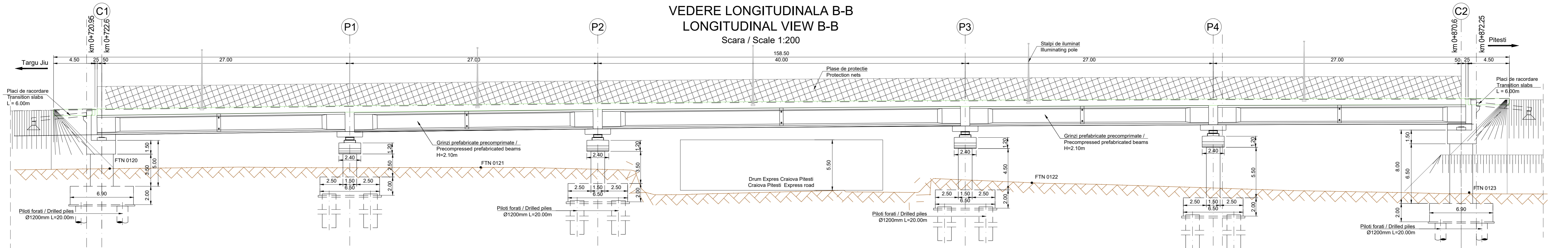
INGINER PROIECTANT DE PODURI: G. BARONCEA
BRIDGE DESIGN ENGINEER: G. BARONCEA

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

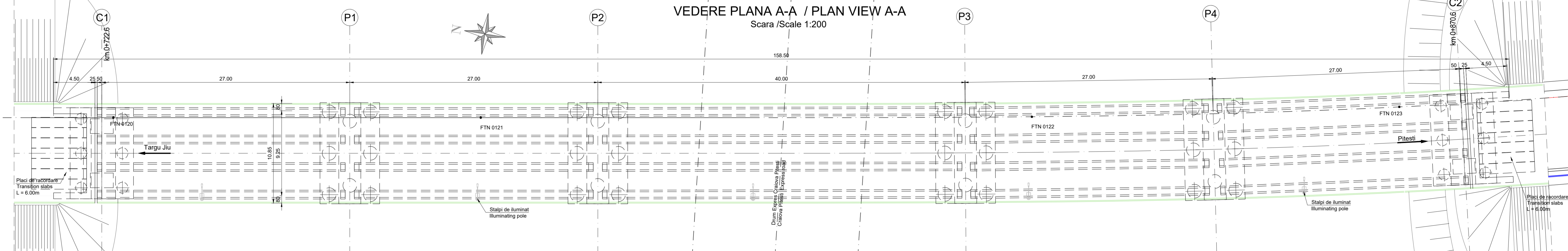
VERIFICAT INTERN / INTERNAL CHECKER: A. PRODAN

Contract nr. 92/2023
Contract no. 92/2023
Date: 19/02/23
Date: 19/02/23
Scale: 1:200 / 1:100
Scale: 1:200 / 1:100
Cod desen: 2023-078-078-F-1-A-3-00-SR / 165-R0
Drawing number:

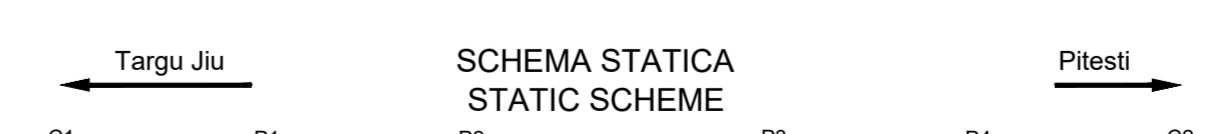
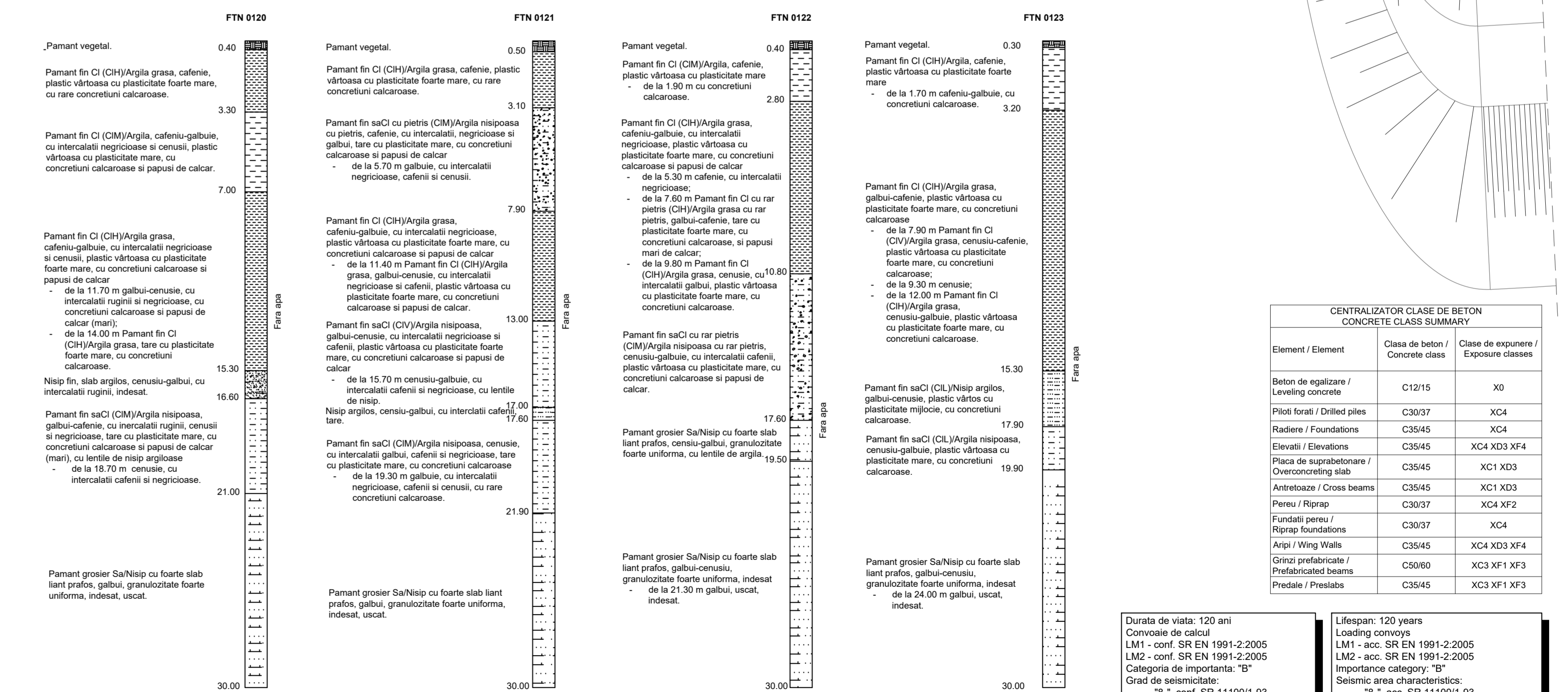
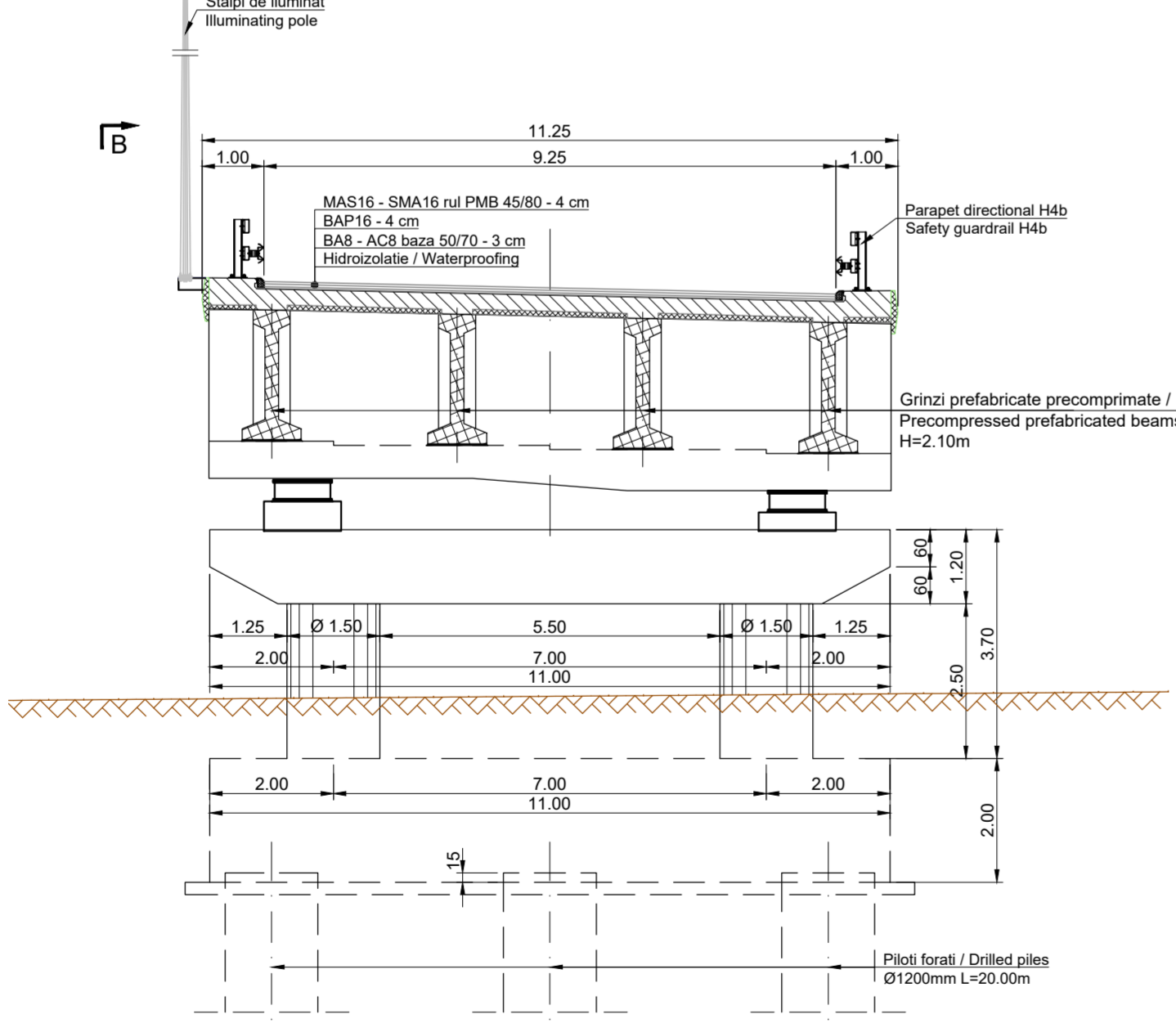
VEDERE LONGITUDINALA B-B
LONGITUDINAL VIEW B-B
Scara / Scale 1:200



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



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



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
Radier / Foundations	C35/45	XC4
Elevatii / Elevations	C35/45	XC4 XD3 XF4
Placa de suprapunetare / Overconcreting slab	C35/45	XC1 XD3
Antrezoare / 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:
"B2", 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 convoys:
LM1 - acc. SR EN 1991-2:2005
LM2 - acc. SR EN 1991-2:2005
Importance category: "B"
Seismic area characteristics:
"B2", acc. SR 11100/1-93
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 Express / drum este informativa. Profilele transversale tip se regasesc in volumul de Lucrar 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.

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

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

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

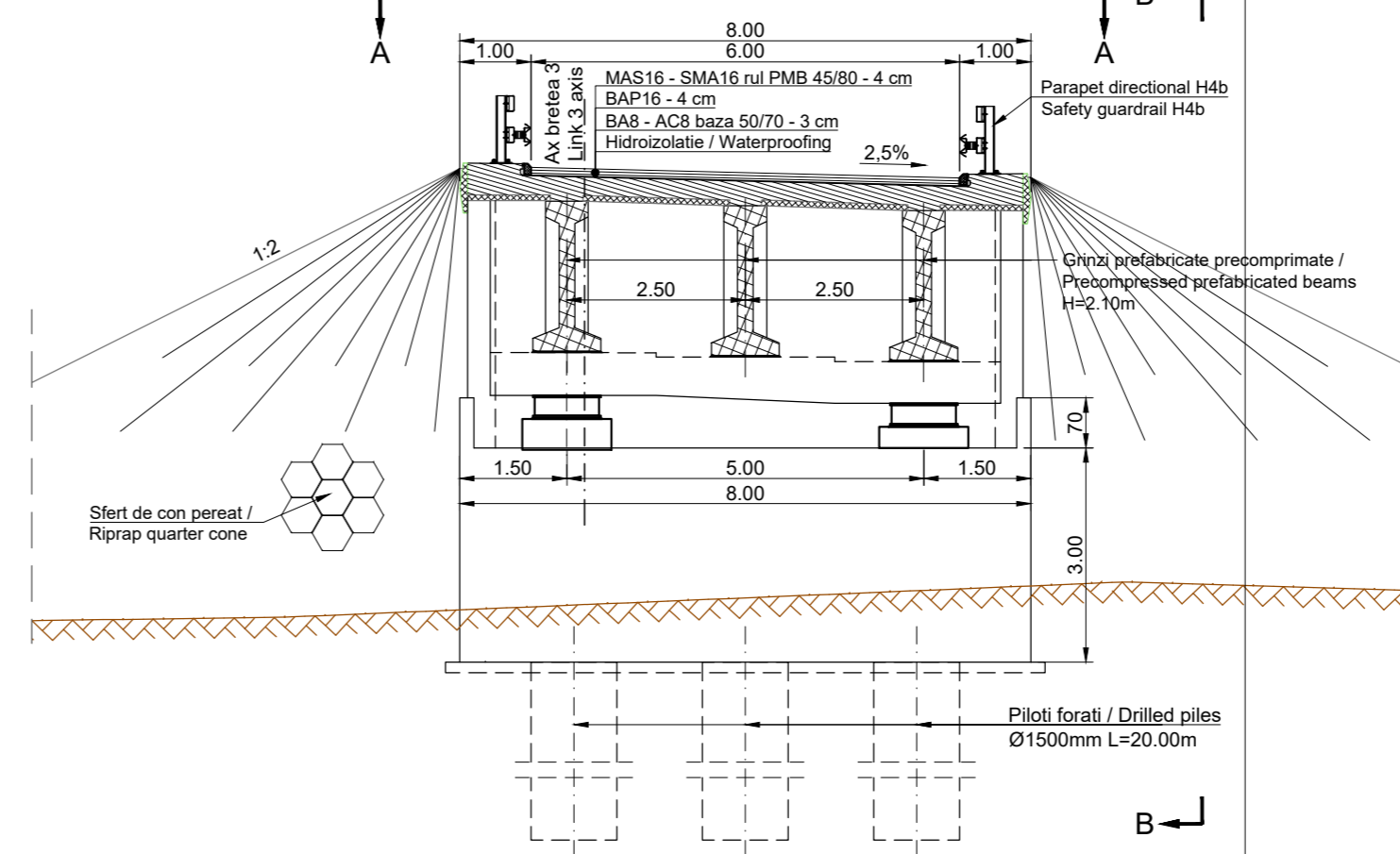
INGINER PROIECTANT DE POZITIE / BRIDGE DESIGN ENGINEER: M. ANDREI

VERIFICATOR INTERN / INTERNAL CHECKER: A. PRODAN

Contract nr. 62/2579 / 2023
Data: 10/2023
Scara: 1:200 / 1:100
Cod desen: 207N-C10P-FEA-3-00-SR-102.000
Drawing number:

SECTIUNE TRANSVERSALA CULEE C1 CROSS SECTION ABUTMENT C1

Scara / Scale 1:100



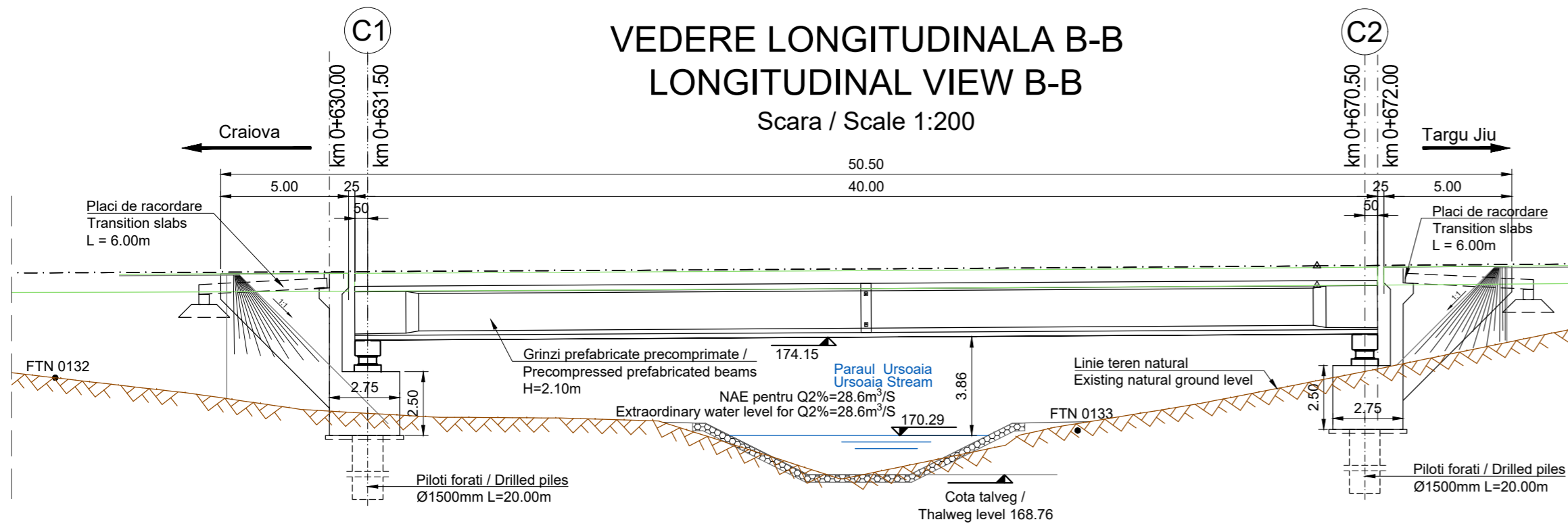
CENTRALIZATOR CLASE DE BETON CONCRETE CLASS SUMMARY		
Element / Element	Clasa de beton / Concrete class	Clase de expunere / Exposure classes
Beton de egalizare / Leveling concrete	C12/15	X0
Piloti forati / Drilled piles	C30/37	XC4
Radiere / Foundations	C35/45	XC4
Elevatii / Elevations	C35/45	XC4 XD3 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

Note:

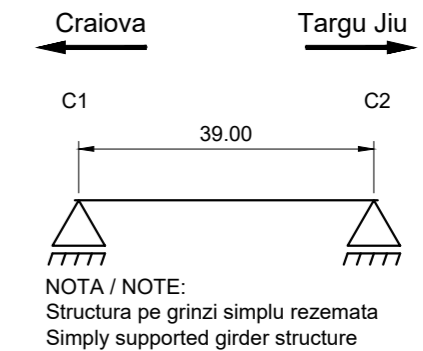
- Reprezentarea profilului de Autostrada / Drum Expres / drum este informativa. Profilele transversale tip se regasesc in volumul de Lucrari de Drum.
- Eventuale imbunatatiri ale terenului de fundare se vor executa conform recomandarilor Studiului Geotehnic.
- Representation of the profile for Motorway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

VEDERE LONGITUDINALA B-B LONGITUDINAL VIEW B-B

Scara / Scale 1:200

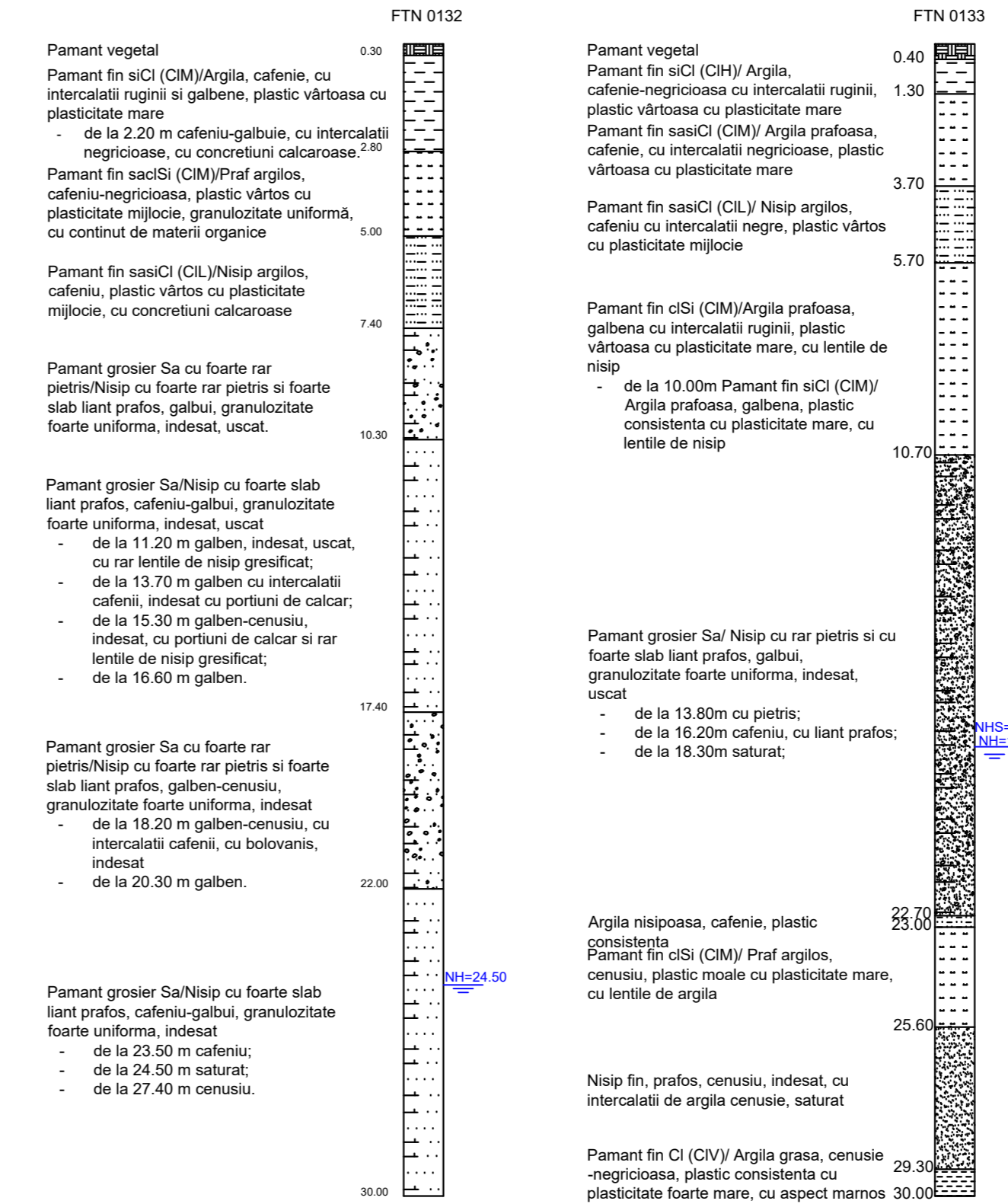
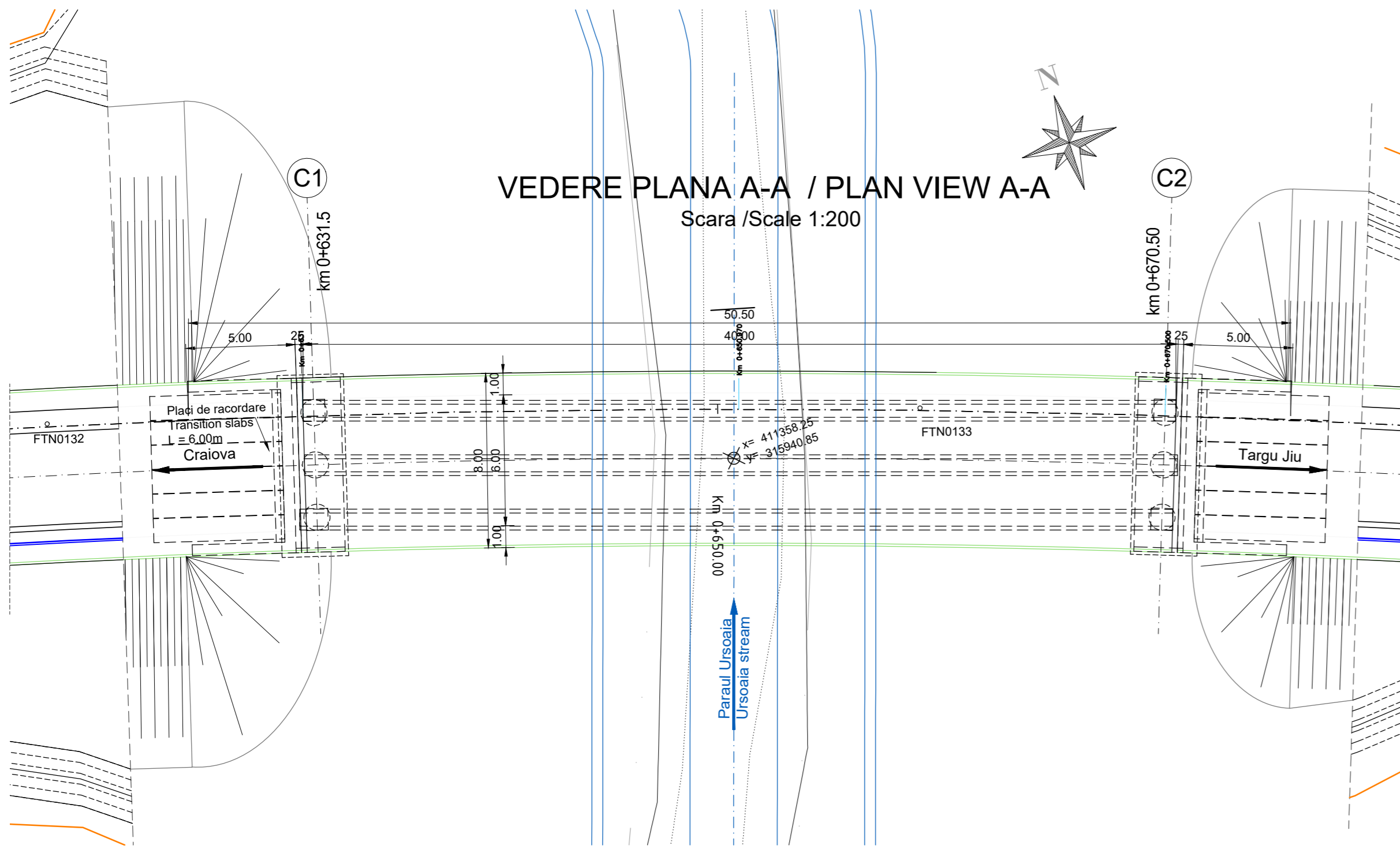


SCHEMA STATICA STATIC SCHEME



VEDERE PLANA A-A / PLAN VIEW A-A

Scara / Scale 1:200



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: "8₂", conf. SR 11100/1-93
a₀=0.20g, Tc=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 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: "8₂", acc. SR 11100/1-93
a₀=0.20g, Tc=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.

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

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

ELABORARE 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
Pod pe Bretea 3 Nod Ghercesti km 0+630 peste Paraul Ursoaia / Bridge on Link 3 Ghercesti Interchange pk 0+630 over Ursoaia Stream

COORDONATOR ADJUNCT DE PROIECT R. THADANI
PROJECT COORDINATOR DEPUTY

INGINER PROIECTANT DE PODURI G. PERICOLO
BRIDGE DESIGN ENGINEER

INGINER PROIECTANT DE PODURI G. BARONCEA
BRIDGE DESIGN ENGINEER

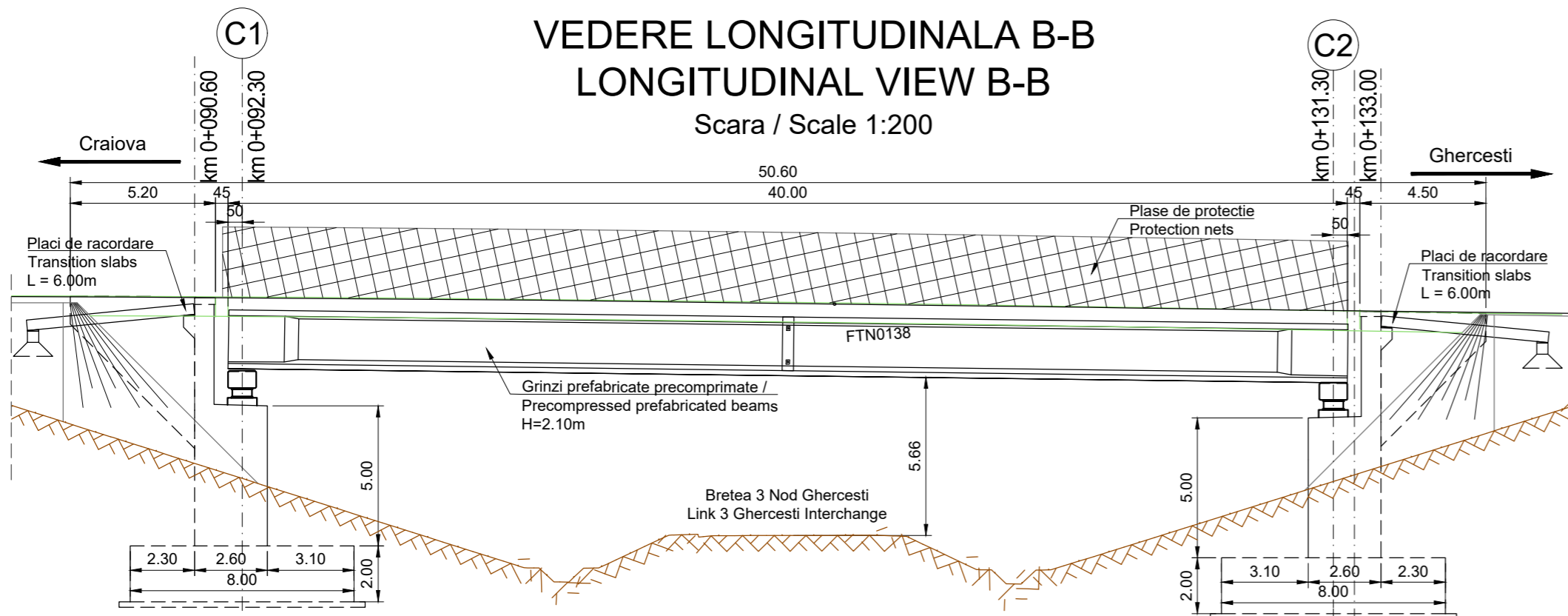
INGINER PROIECTANT DE PODURI M. ANDREI
BRIDGE DESIGN ENGINEER

VERIFICAT INTERN INTERNAL CHECKER A. PRODAN

Contract nr. 92/22579 Contract no. 0
Date: 10/2023 Date: 10/2023
Scara: 1:200 / 1:100 Scale: 1:200 / 1:100
Cod desen: 22579-C7J-SF-1-LA-3-3-DG-SN_1.06-R00 Drawing number:

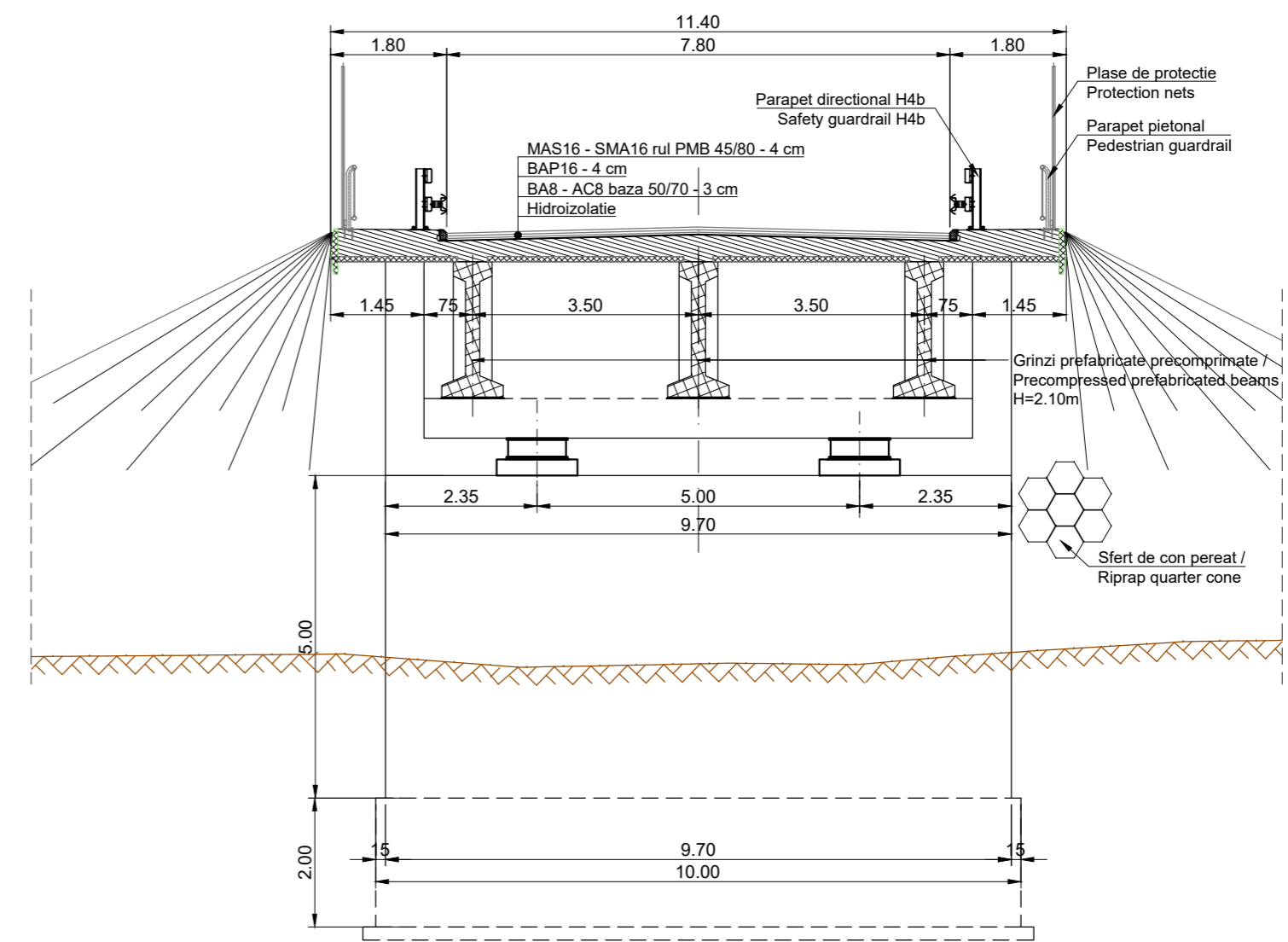
VEDERE LONGITUDINALA B-B LONGITUDINAL VIEW B-B

Scara / Scale 1:200



SECTIUNE TRANSVERSALA CULEE C1 CROSS SECTION ABUTMENT C1

Scara / Scale 1:100

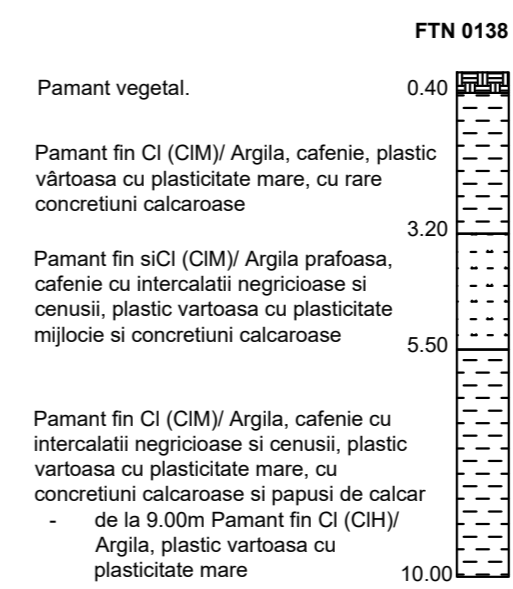
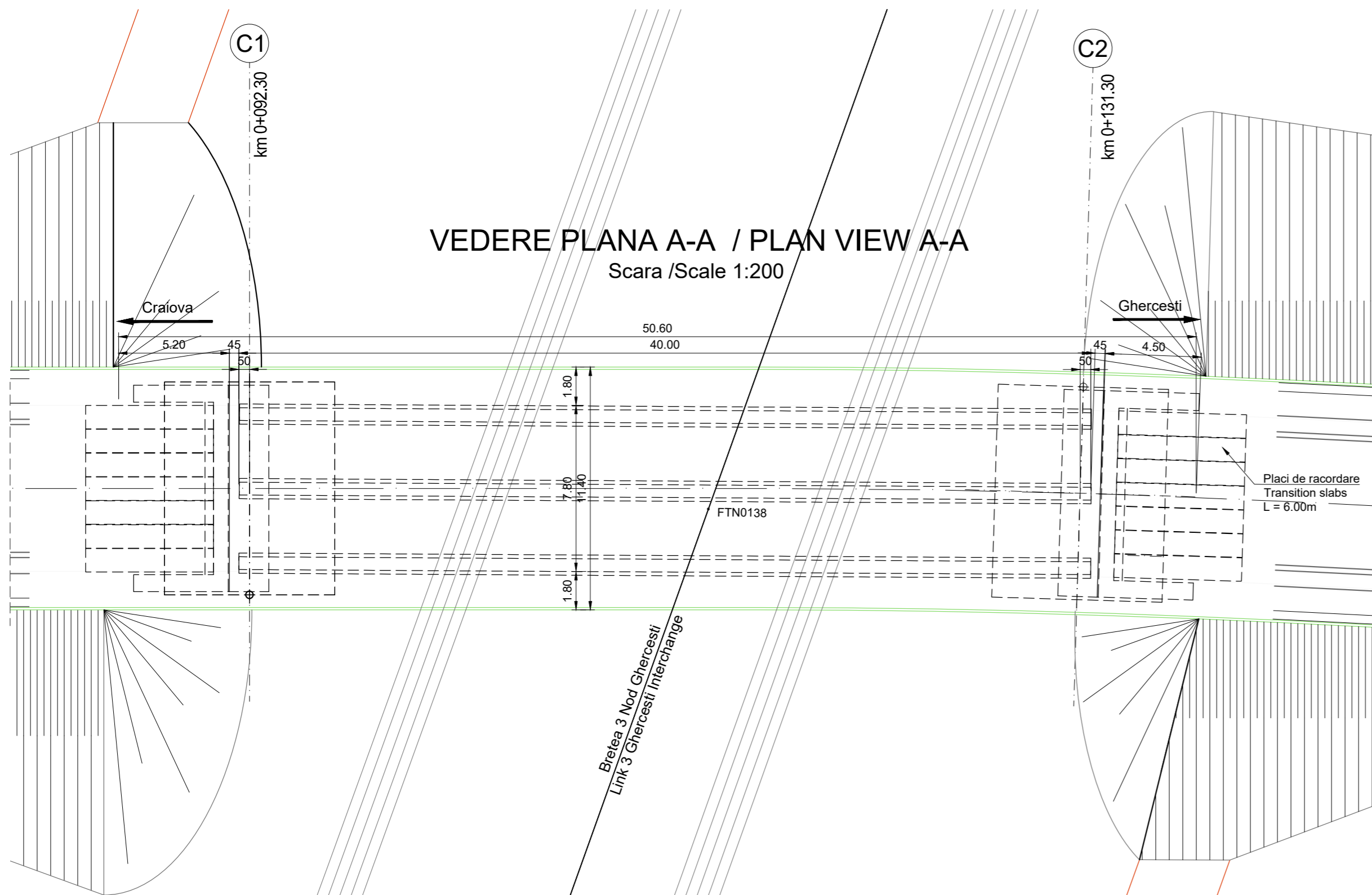


Note:

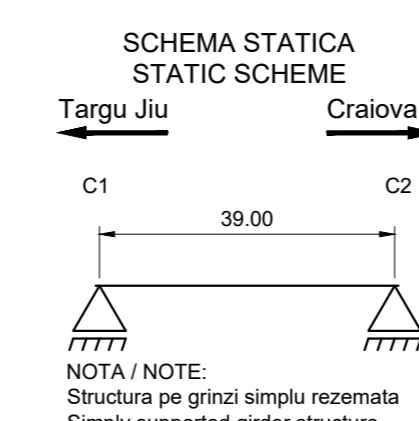
- Reprezentarea profilului de Autostrada / Drum Expres / drum este informativa. Profilele transversale tip se regasesc in volumul de Lucrari de Drum.
- Eventuale imbunatatiri ale terenului de fundare se vor executa conform recomandarilor Studiului Geotehnic.
- Representation of the profile for Motorway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

VEDERE PLANA A-A / PLAN VIEW A-A

Scara / Scale 1:200



CENTRALIZATOR CLASE DE BETON CONCRETE CLASS SUMMARY		
Element / Element	Clasa de beton / Concrete class	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



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

Durata de viata: 120 ani
Convoaie de calcul
LM1 - conf. SR EN 1991-2:2005
LM2 - conf. SR EN 1991-2:2005
Categorija de importanta: "B"
Grad de seismicitate:
"8₂", conf. SR 11100/1-93
a_g=0.20g, Tc=1.0s conf. P100-1:2013
Exigente de verificare faza PT: A4, B2, D
Af

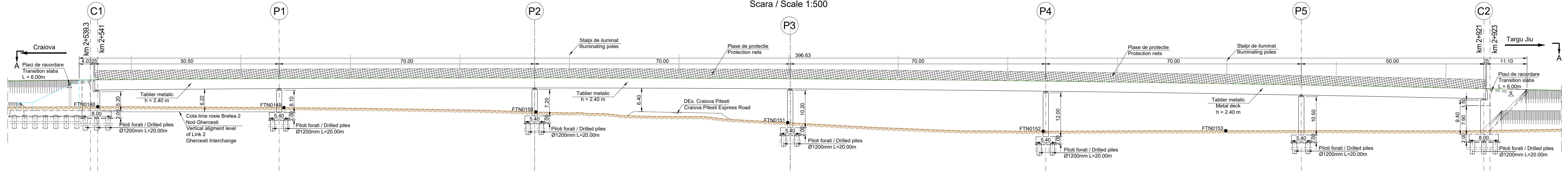
Lifespan: 120 years
Loading convoys
LM1 - acc. SR EN 1991-2:2005
LM2 - acc. SR EN 1991-2:2005
Importance category: "B"
Seismic area characteristics:
"8₂", acc. SR 11100/1-93
a_g=0.20g, Tc=1.0s acc. P100-1:2013
Quality requirements for TP phase: A4, B2, D
Af

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

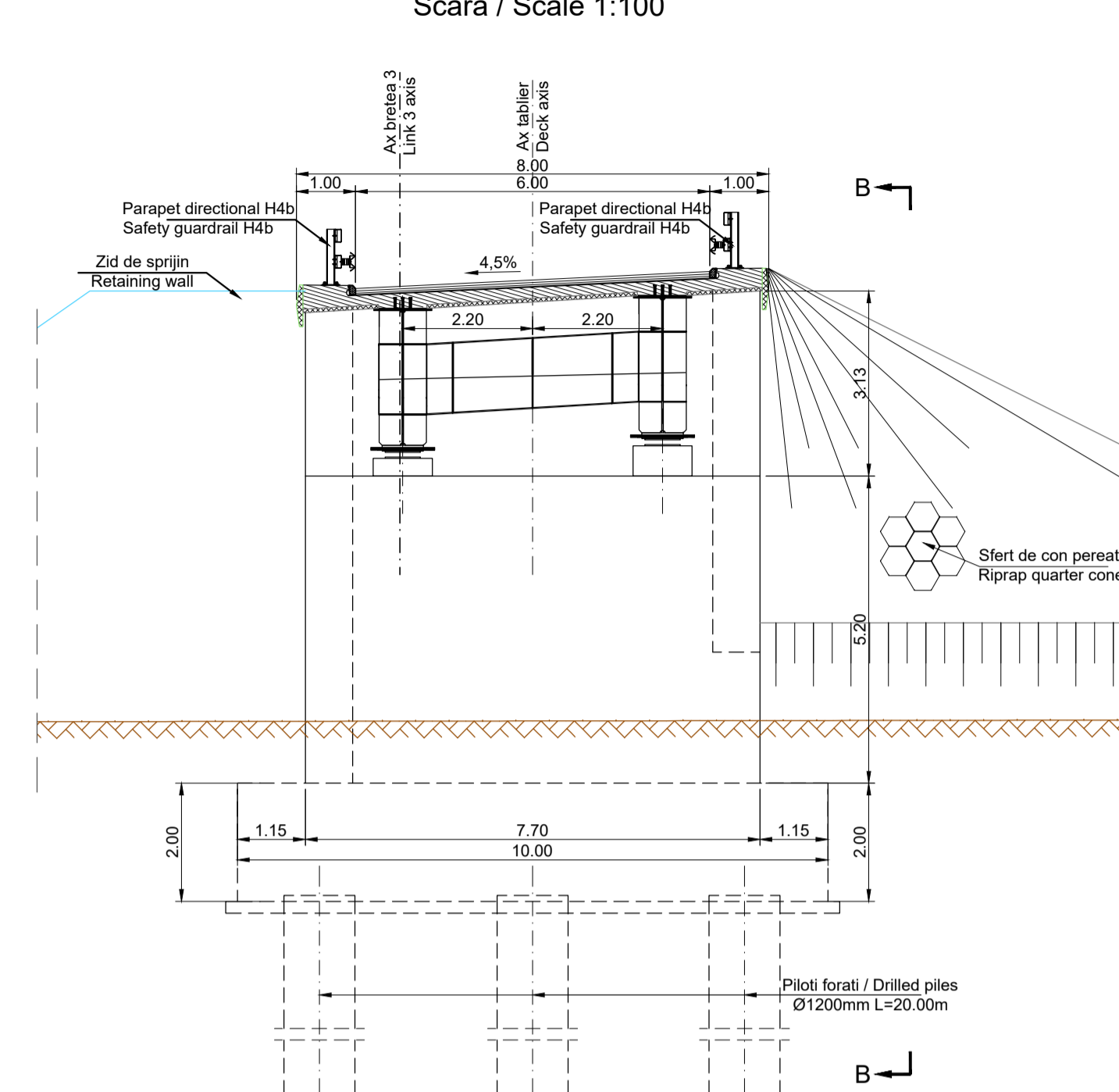
According to the recommendations of the Geotechnical Study, the structure is indirectly founded on drilled piles. The diameter and length of the piles will be finalized in the next stage of design according to HG 907.

BENEFICIAR / CLIENT: COMPANIA NATIONALA DE ADMINISTRARE A INFRASTRUCTURII RUTIERE NATIONAL ADMINISTRATION COMPANY OF ROAD INFRASTRUCTURE	
PROIECTANT ASOCIAREA / DESIGNER ASSOCIATION: egis CORPORATION 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 Drum local 49 km 0+091 peste Bretea 3 Nod Ghercesti / Passage on Local road 49 pk 0+091 over Link 3 Ghercesti Interchange	
COORDONATOR ADJUNCT DE PROIECT PROJECT COORDINATOR DEPUTY	R. THADANI
INGINER PROIECTANT DE PODURI BRIDGE DESIGN ENGINEER	G. PERICOLO
INGINER PROIECTANT DE PODURI BRIDGE DESIGN ENGINEER	G. BARONCEA
INGINER PROIECTANT DE PODURI BRIDGE DESIGN ENGINEER	M. ANDREI
VERIFICAT INTERN INTERNAL CHECKER	A. PRODAN
Contract nr. 92/22579	Revizia nr. 0
Date: 10/2023	Scara: 1:200 / 1:100
Cod desen: 22579-C7J-SF-1-LA-3-3-DG-SN_1_07-R00 Drawing number:	

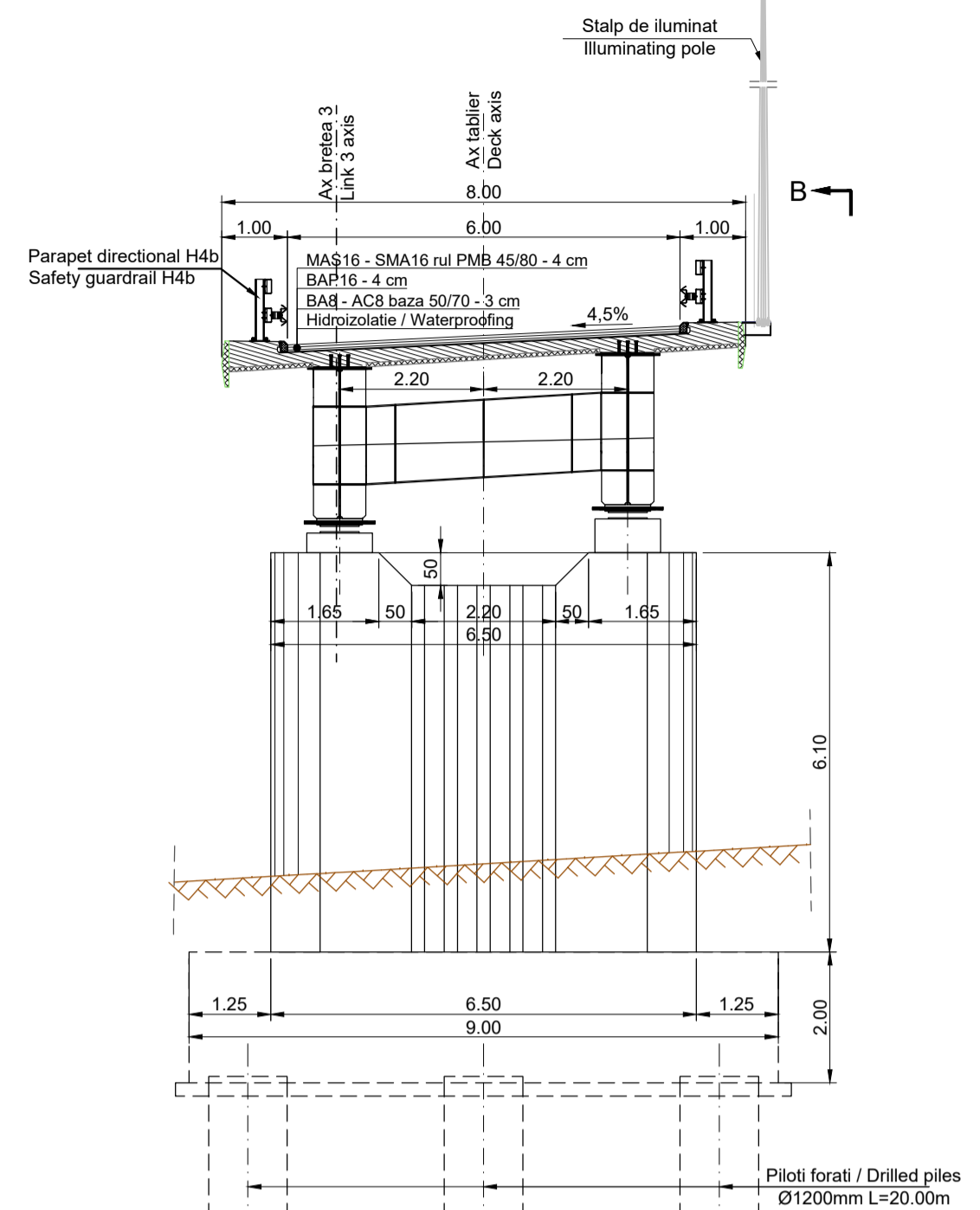
VEDERE LONGITUDINALA B-B
LONGITUDINAL VIEW
Scara / Scale 1:500



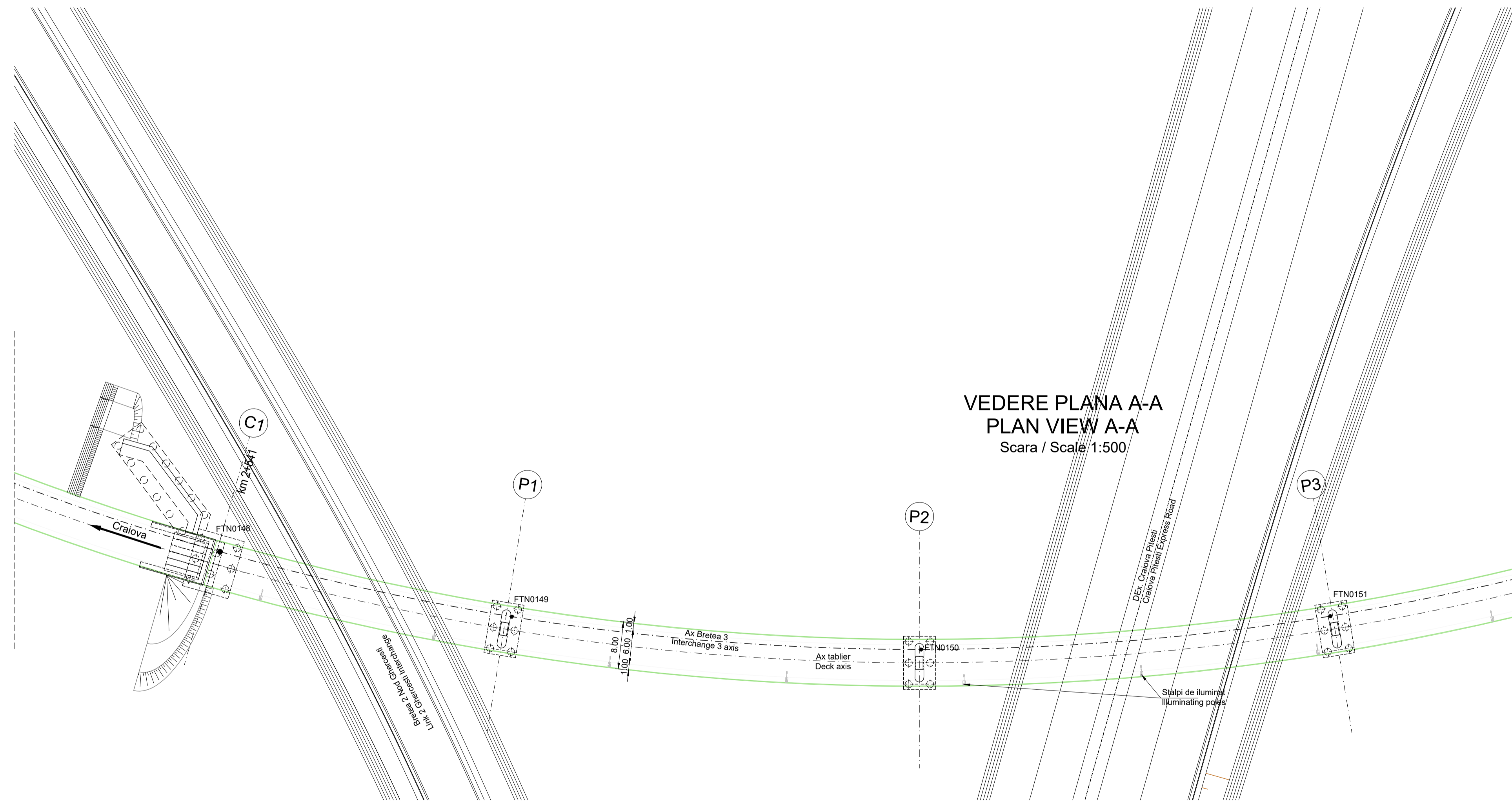
SECTIUNE TRANSVERSALA CULEE C1
CROSS SECTION ABUTMENT C1
Scara / Scale 1:100



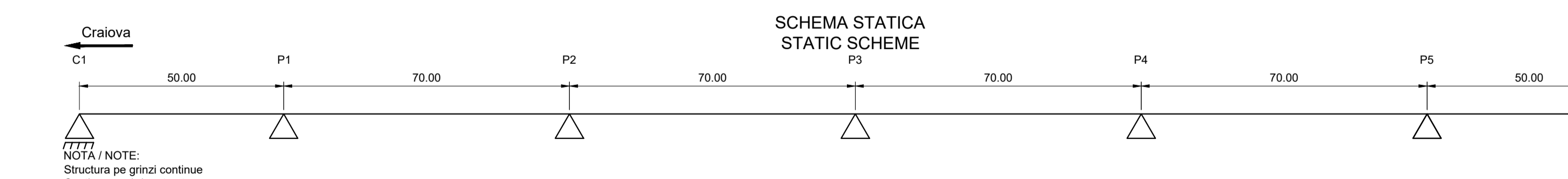
SECTIUNE TRANSVERSALA PILA P1
CROSS SECTION PIER P1
Scara / Scale 1:100



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



SCHEMA STATICA
STATIC SCHEME



NOTA / NOTE
Structura pe grinzii continue
Continuous girder structure

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
Radarii / Foundations	C35/45	XC4
Elevati / Elevations	C35/45	XC4 XD3 XF4
Placa de suprastructura / Overconcreting slab	C35/45	XC1 XD3
Antrebrase / Cross beams	C35/45	XC4 XD3
Pereu / Riprap	C30/37	XC4 XF2
Fundatii pereu / Riprap foundations	C30/37	XC4
Arpi / Wing Walls	C35/45	XC4 XD3 XF4
Fundatii pereu / Riprap foundations	C50/60	XC3 XF1 XF3
Predale / Prestabs	C35/45	XC3 XF1 XF3

FTN	Descriere	Spesificatii
FTN 0148	Pământ vegetal	0.40
FTN 0149	Pământ fin si CI (CM) Argila profusa, cafeleie, plastic vârtosă cu plasticitate mare	5.00 / 6.50
FTN 0150	Pământ fin si CI (CM) Argila profusa, cafeleie, plastic vârtosă cu plasticitate mare, cu concretuni calcaroase	7.00 / 10.00
FTN 0151	Pământ fin si CI (CM) Argila profusa, cafeleie, plastic vârtosă cu plasticitate mare, cu concretuni calcaroase	11.00 / 14.00
FTN 0152	Pământ fin si CI (CM) Argila profusa, cafeleie, plastic vârtosă cu plasticitate mare, cu concretuni calcaroase	17.00 / 21.00
FTN 0153	Pământ fin si CI (CM) Argila profusa, cafeleie, plastic vârtosă cu plasticitate mare, cu concretuni calcaroase	24.60 / 30.00

Clasa de beton / Concrete class	Clasa de expunere / Exposure classes
C12/15	X0
C30/37	XC4
C35/45	XC4 XD3 XF4
C35/45	XC1 XD3
C35/45	XC4 XD3
C30/37	XC4 XF2
C30/37	XC4
C35/45	XC4 XD3 XF4
C50/60	XC3 XF1 XF3
C35/45	XC3 XF1 XF3

Note:

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

Durata de viață: 120 ani
Convulsie de calcul: LM1 - conf. SR EN 1991-2:2005
LM2 - conf. SR EN 1991-2:2005
Categorie de importanță: "B"
Grad de seismicitate: "S", conf. SR 111001-93
a₀=0.20g, Tom-1 în conf. P100-1:2013
Exigente de verificare fază PT: A4, B2, D
At

Conform recomandărilor Studiului Geotehnic structura este fundată indirect pe piloni forati. Diametrul și lungimea pilonilor vor fi definite în etapa următoare de proiectare conform HG 907.

Pasajul va fi echipat cu scheme mobile independente pe deschiderile 2.4.5.6, pe toată lățimea secțiunii transversale.

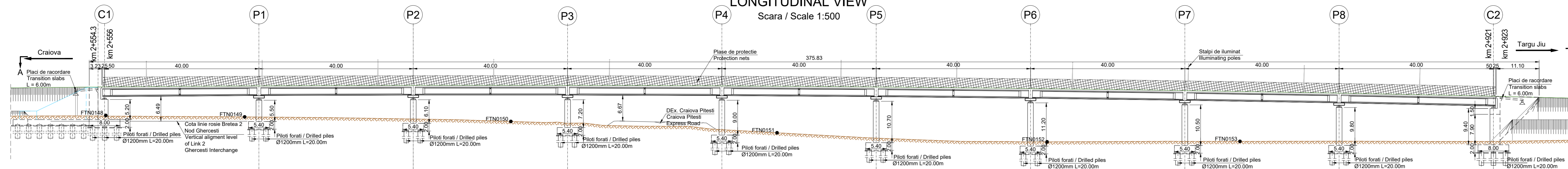
Lifespan: 120 years
Loading convoys: LM1 - acc. SR EN 1991-2:2005
LM2 - acc. SR EN 1991-2:2005
Importance category: "B"
Seismic area characteristics: "S", acc. SR 111001-93
a₀=0.20g, Tom-1 în conf. P100-1:2013
Quality requirements for TP phase: A4, B2, D
At

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 spans 2.4.5.6 and across the entire width of the cross section.

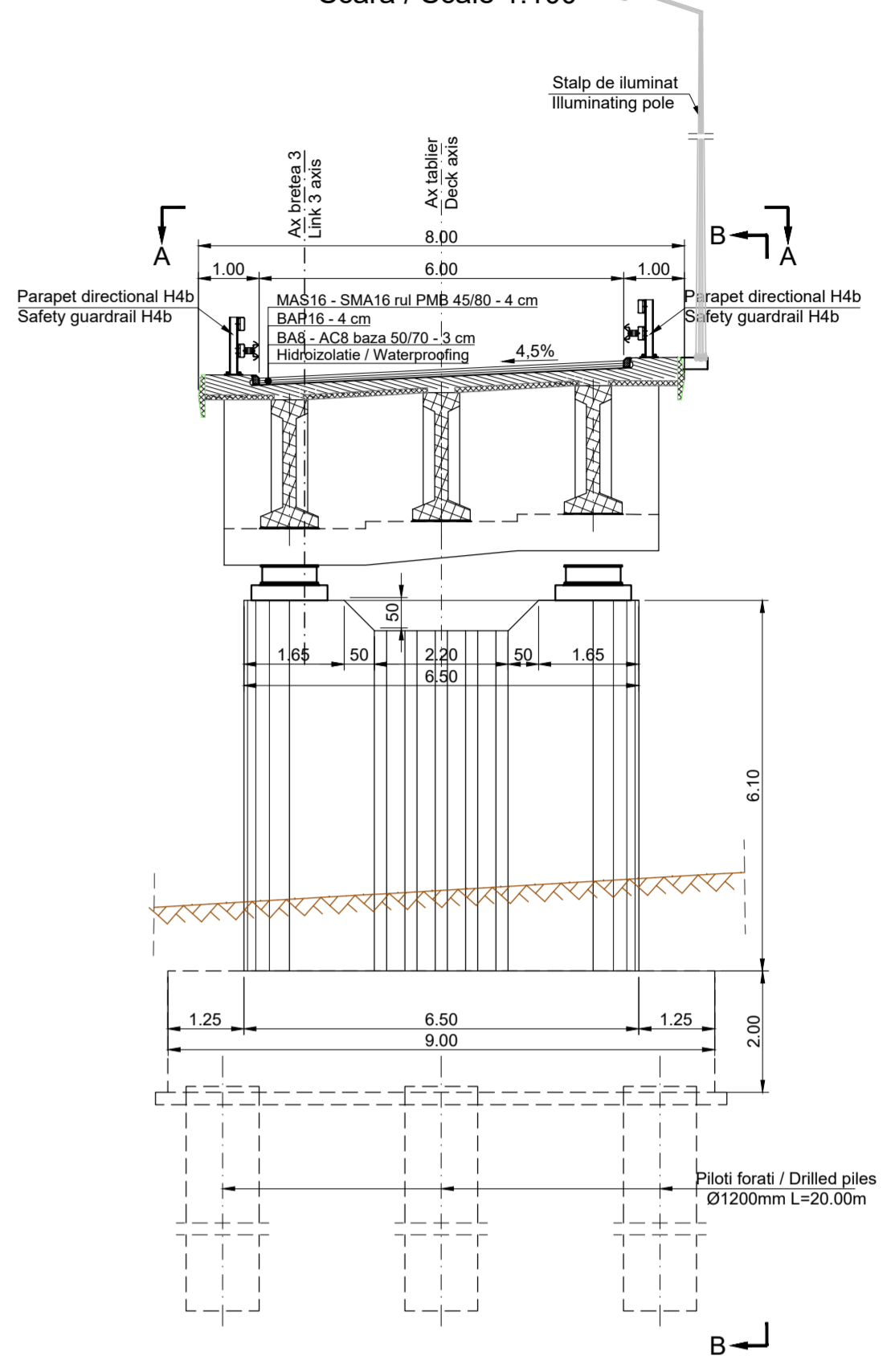
VEDERE LONGITUDINAL B-B
LONGITUDINAL VIEW

Scara / Scale 1:500



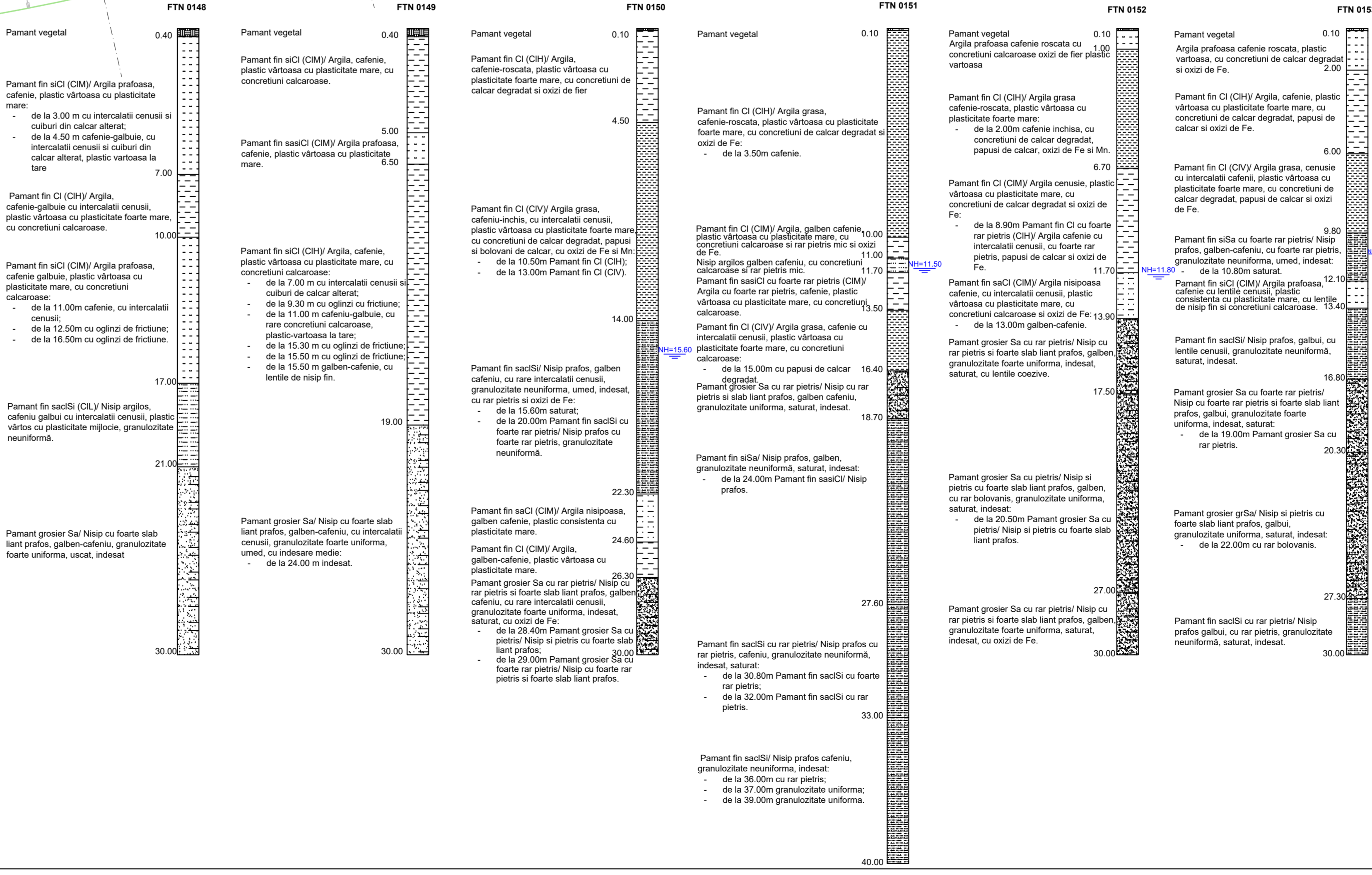
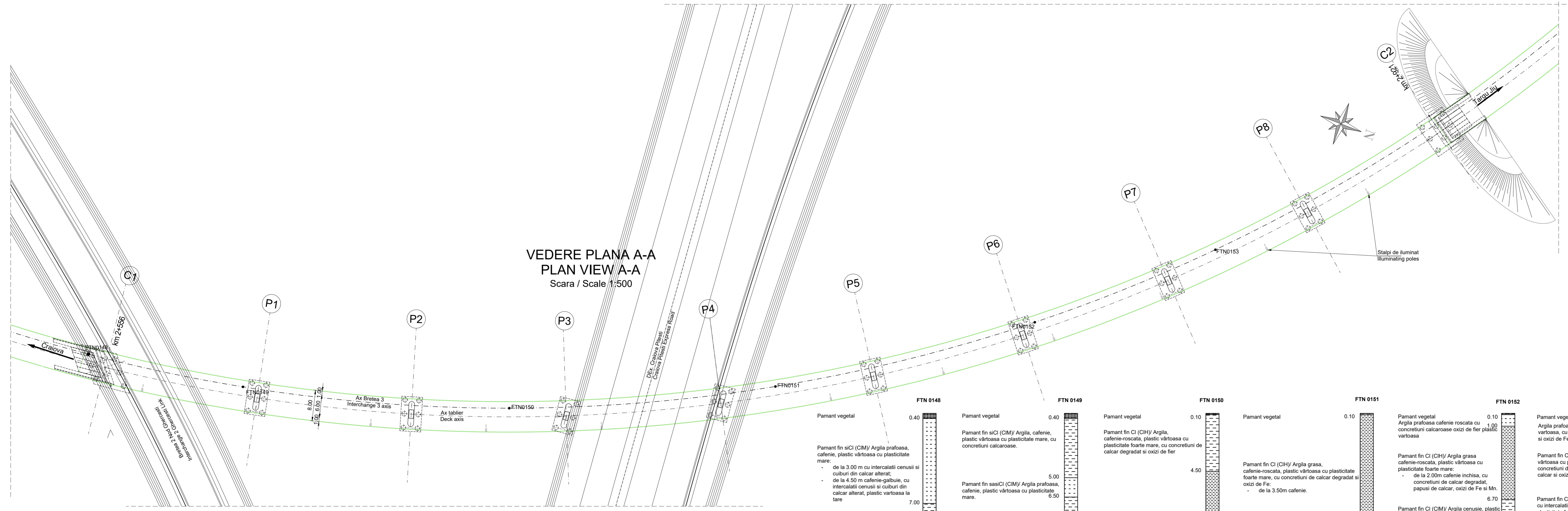
SECTIUNE TRANSVERSALA PILA P1
CROSS SECTION PIER P1

Scara / Scale 1:100

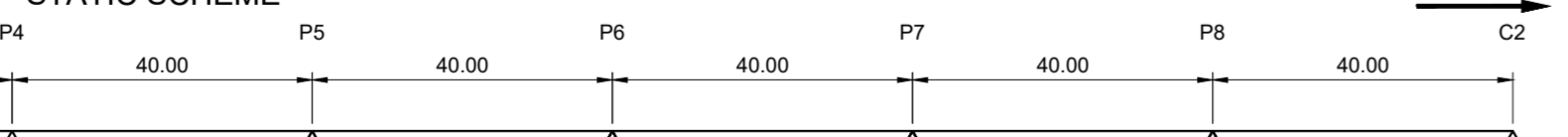


VEDERE PLANA A-A
PLAN VIEW A-A

Scara / Scale 1:500



SCHEMA STATICA
STATIC SCHEME



NOTA / NOTE:
Structura pe grinzii continue
Continuous girder structure

GENERALIZATOR CLASE DE BETON CONCRETE CLASS SUMMARY		
Element / Element	Clasa de beton / Concrete class	Clase de expunere / Exposure classes
Beton de egalizare / Leveling concrete	C12/15	X0
Piloți forati / Drilled piles	C30/37	XC4
Radieri / Foundations	C35/45	XC4
Elevați / Elevations	C35/45	XC4 XD3 XF4
Placa de suprapunare / 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
Grinzii prefabricate / Prefabricated beams	C50/60	XC3 XF1 XF3
Predale / Prestabs	C35/45	XC3 XF1 XF3

Durată de viață: 120 ani
Convulsie de calcul
LM1 - conf. SR EN 1991-2:2005
LM2 - conf. SR EN 1991-2:2005
Categoriile de importanță: "B"
Grad de seismicitate:
"B", conf. SR 11001/1-93
a₀=0.20g, T=1.0s conf. P100-1:2013
Exigente de verificare fața PT: A4, B2, D
AT

Conform recomandarilor Studiului Geotehnic structura este fundată indirect pe piloți forati. Diametrii și lungimile pilozilor vor fi definite în etapa următoare de proiectare conform HG 907.

Pașajul va fi echipat cu schele mobile independente pe deschiderile 5,6,7,8,9, pe lățile latimei secțiunii transversale.

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:
"B", acc. SR 11001-1-93
a₀=0.20g, T=1.0s acc. P100-1:2013
Quality requirements for TP phase: A4, B2, D
AT

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 spans 5,6,7,8,9 and across the entire width of the cross section.

Notes:

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

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

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

ELABORARE STUDIULUI DE FEZABILITATE SI PROIECT TEHNIC PENTRU AUTOSTRADA CRAIOVA-PILES SI DRUM EXPRESS PILES-TARGU JIU / PREPARATION OF FEASIBILITY STUDY AND TECHNICAL DESIGN FOR CRAIOVA-PILES MOTORWAY AND PILES-TARGU JIU EXPRESS ROAD - 2nd version

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

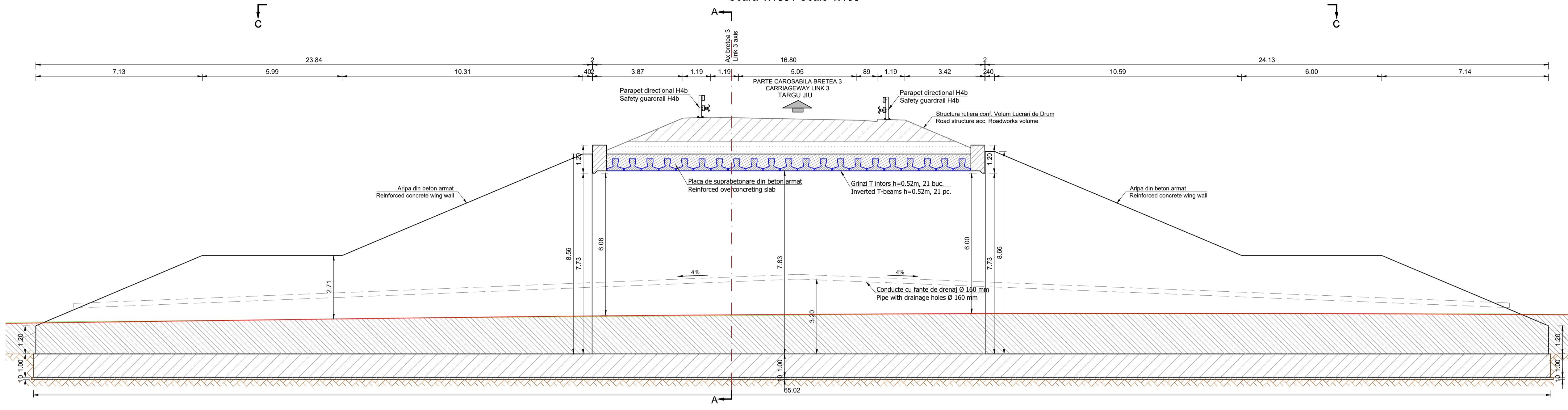
DISPOZITIE GENERALA GENERAL LAYOUT
Pașaj pe Bretea 3 Nord Gherchești km 2+554 peste Bretea 2 și Drum Express Craiova Pilești - Varianta 2 / Passage on Link 3 Gherchești Interchange pk 2+554 over Link 2 and Craiova Pilești Express Road - 2nd version

COORDONATOR DE PROIECT / PROJECT COORDINATOR: **R. HADIAN**
INGINER PROIECTANT DE PODURI / BRIDGE DESIGN ENGINEER: **A. BOCAN**
INGINER PROIECTANT DE PROIECTARE / BRIDGE DESIGN ENGINEER: **M. ANDREI**
INGINER PROIECTANT DE PROIECTARE / BRIDGE DESIGN ENGINEER: **A. PRODIAN**

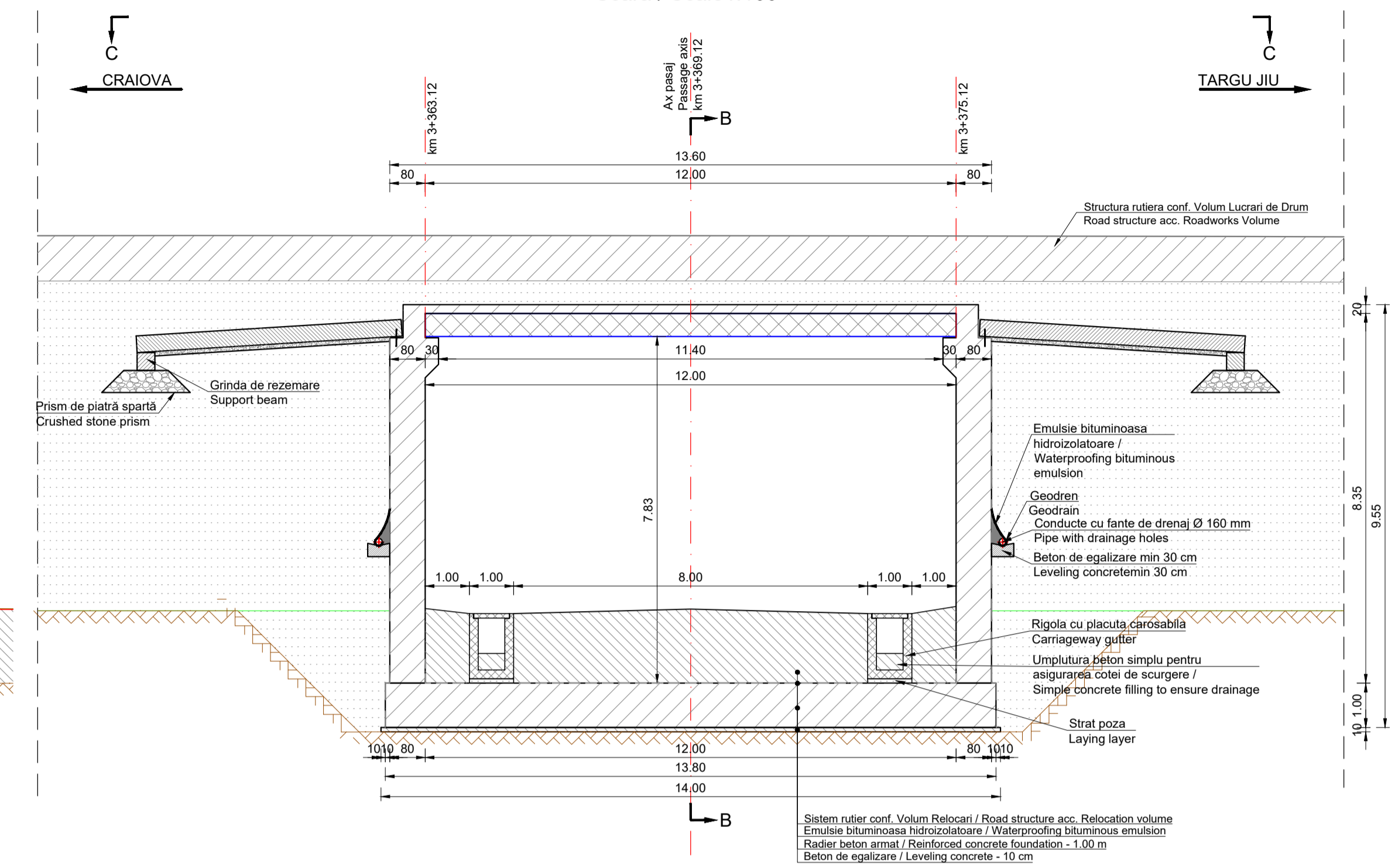
VERIFICATOR INTERN / INTERNAL CHECKER: **R. HADIAN**

Contract nr. 92/2579
Contract no.
Date: 10/2023
Cod desen: 22/76-C73-1-A-3.3-05-09_103/03
Drawing number:

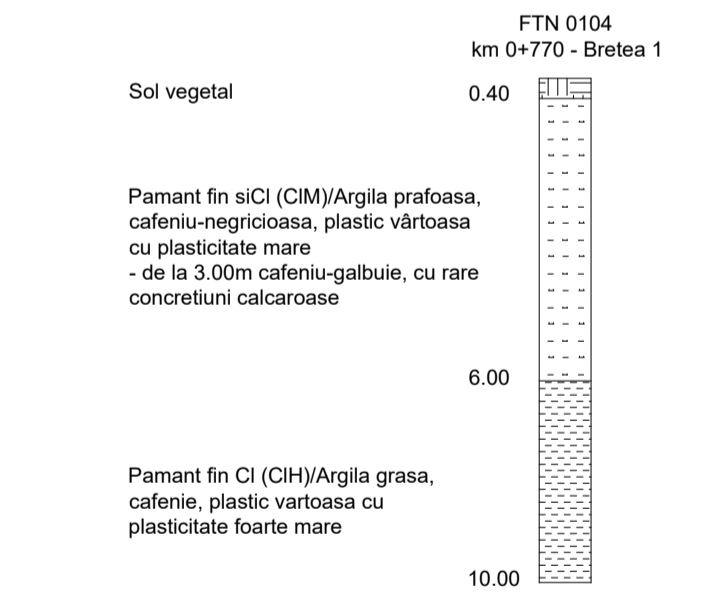
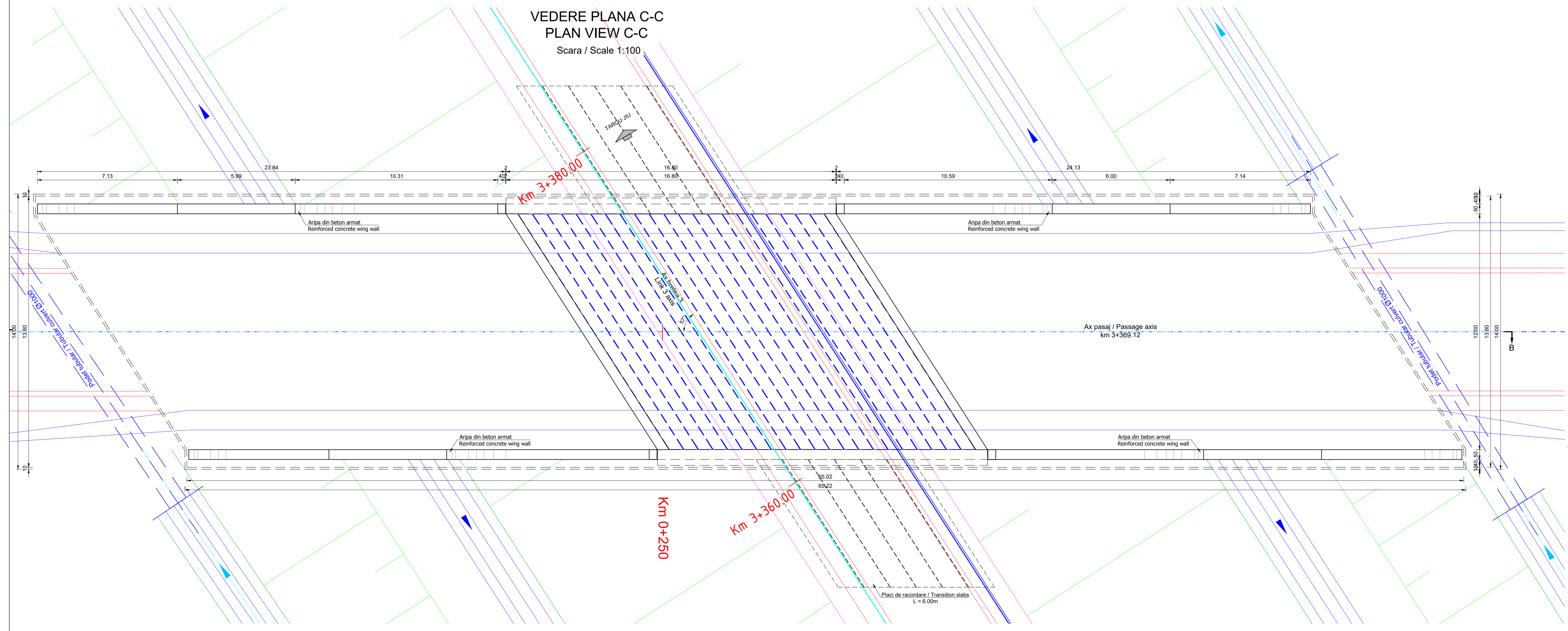
ELEVATIE B-B
ELEVATION B-B
Scara / Scale 1:100



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

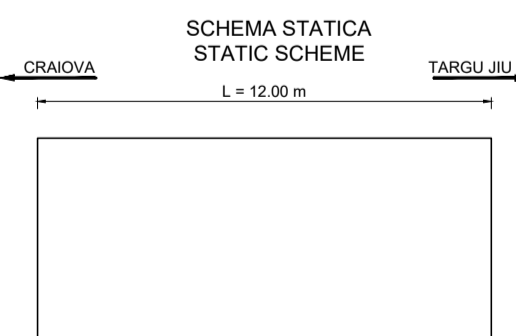


VEDERE PLANA C-C
PLAN VIEW C-C
Scara / Scale 1:100



CENTRALIZATOR CLASE DE BETON
CONCRETE CLASS SUMMARY

Element / Element	Clasa de beton / Concrete class	Clasa de expunere / Exposure classes
Beton de egalizare / Leveling concrete	C12/15	X0
Piloni forati / Drilled piles	C30/37	XC4
Radieri / Foundations	C35/45	XC4
Elevatii / Elevations	C35/45	XC4 XD3 XF4
Placa de suprabetonare / Overconcreting slab	C35/45	XC1 XD3
Antrefaze / Cross beams	C35/45	XC1 XD3
Penui / Riprap	C30/37	XC4 XF2
Fundatii penuri / 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 / 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 Categorie de importanta: "B" Grad de seismicitate: "B _s ", conf. SR 11100/1-93 a _s =0.20g, Tc=1.0s conf. P100-1:2013 Exigente de verificare faza PT: A4, B2, D Af	Lifespan: 120 years Loading convovs LM1 - acc. SR EN 1991-2:2005 LM2 - acc. SR EN 1991-2:2005 Importance category: "B" Seismic area characteristics: "B _s ", acc. SR 11100/1-93 a _s =0.20g, Tc=1.0s acc. P100-1:2013 Quality requirements for TP phase: A4, B2, D Af
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Note:

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

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

PROIECTANT ASOCIEREA / DESIGNER ASSOCIATION: egis SEARCH CORPORATION

EGS ROMANIA SA SEARCH CORPORATION SRL

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

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

DISPOZITIE GENERALA GENERAL LAYOUT
Pasaj pe Bretea 3 Nod Ghercesti km 3+363 peste Drum local 44 / Passage Link 3 Ghercesti Interchange pk 3+363 over Local road 44

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. BARONICA

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

VERIFICAT INTERN INTERNAL CHECKER: A. PRODAN

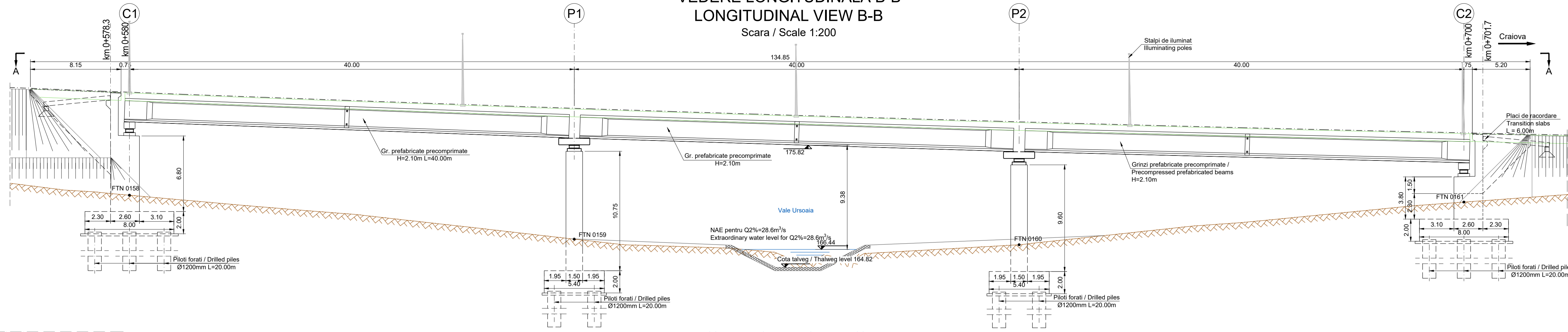
Contract nr. 92/25/79
Date: 10/2023
Date: 10/2023
Date: 10/2023
Date: 10/2023

Revizor nr. 0
Revision nr.:
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Drawing number:

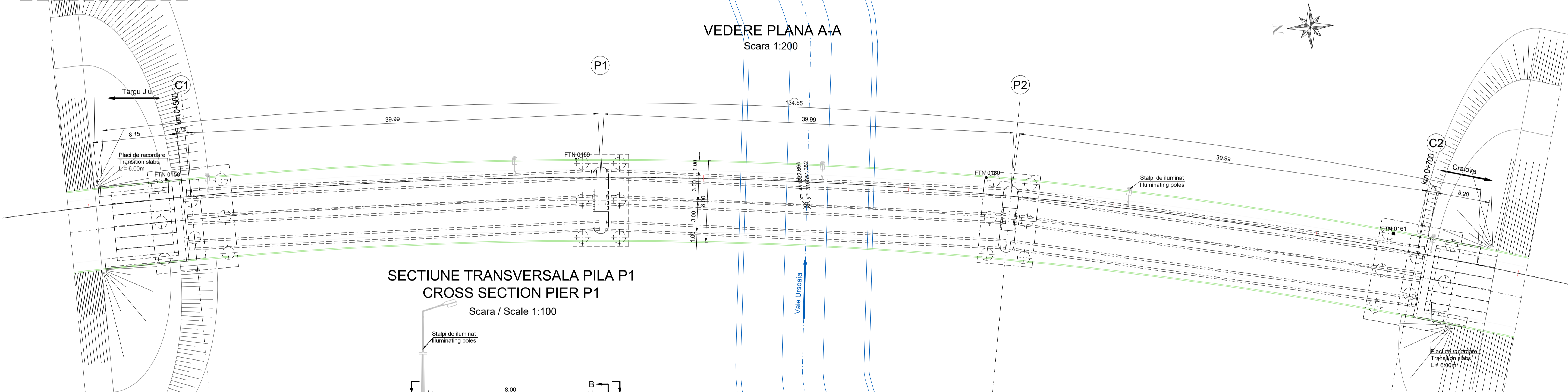
VEDERE LONGITUDINALA B-B
LONGITUDINAL VIEW B-B

Scara / Scale 1:200



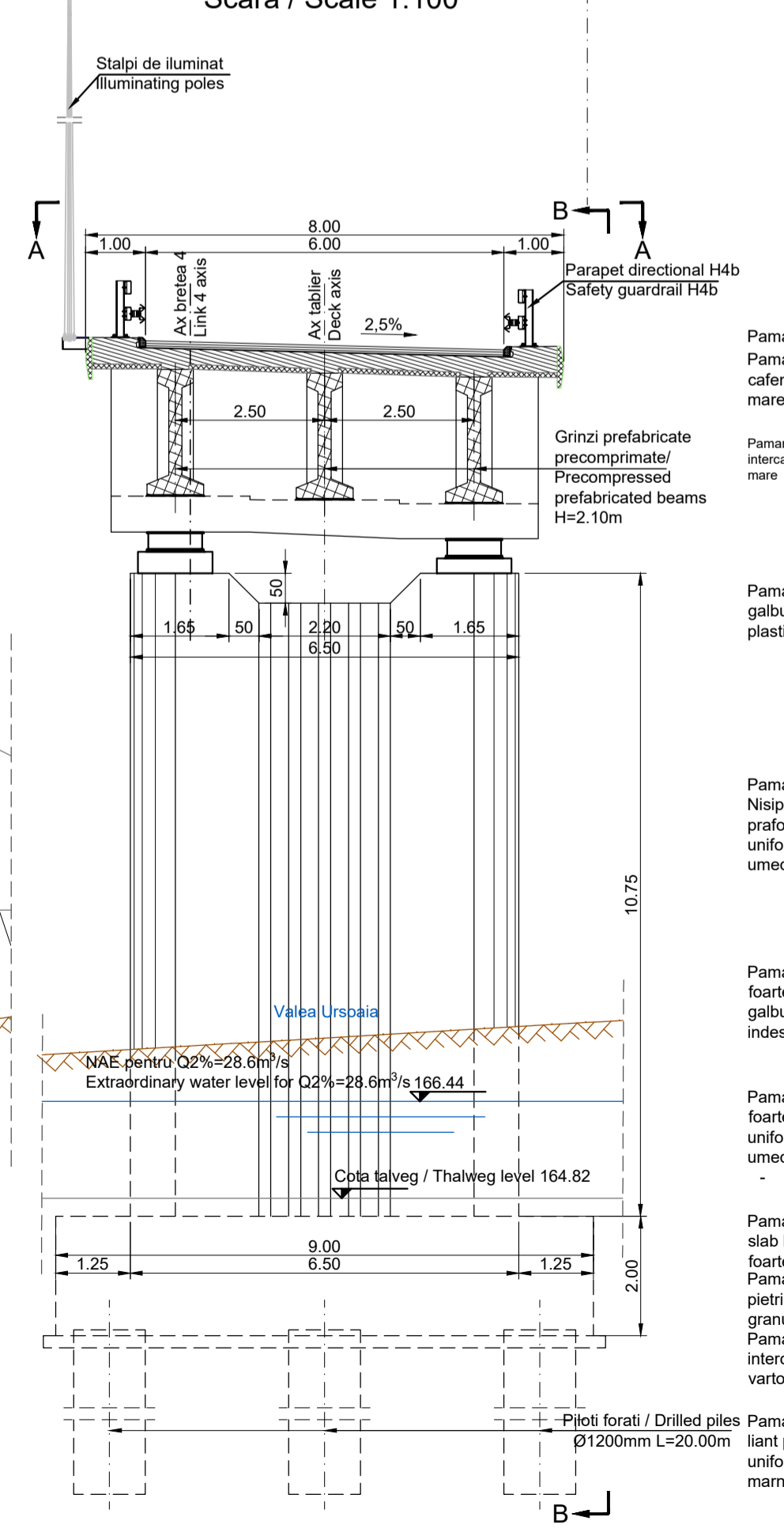
VEDERE PLANA A-A
PLAN VIEW A-A

Scara / Scale 1:200



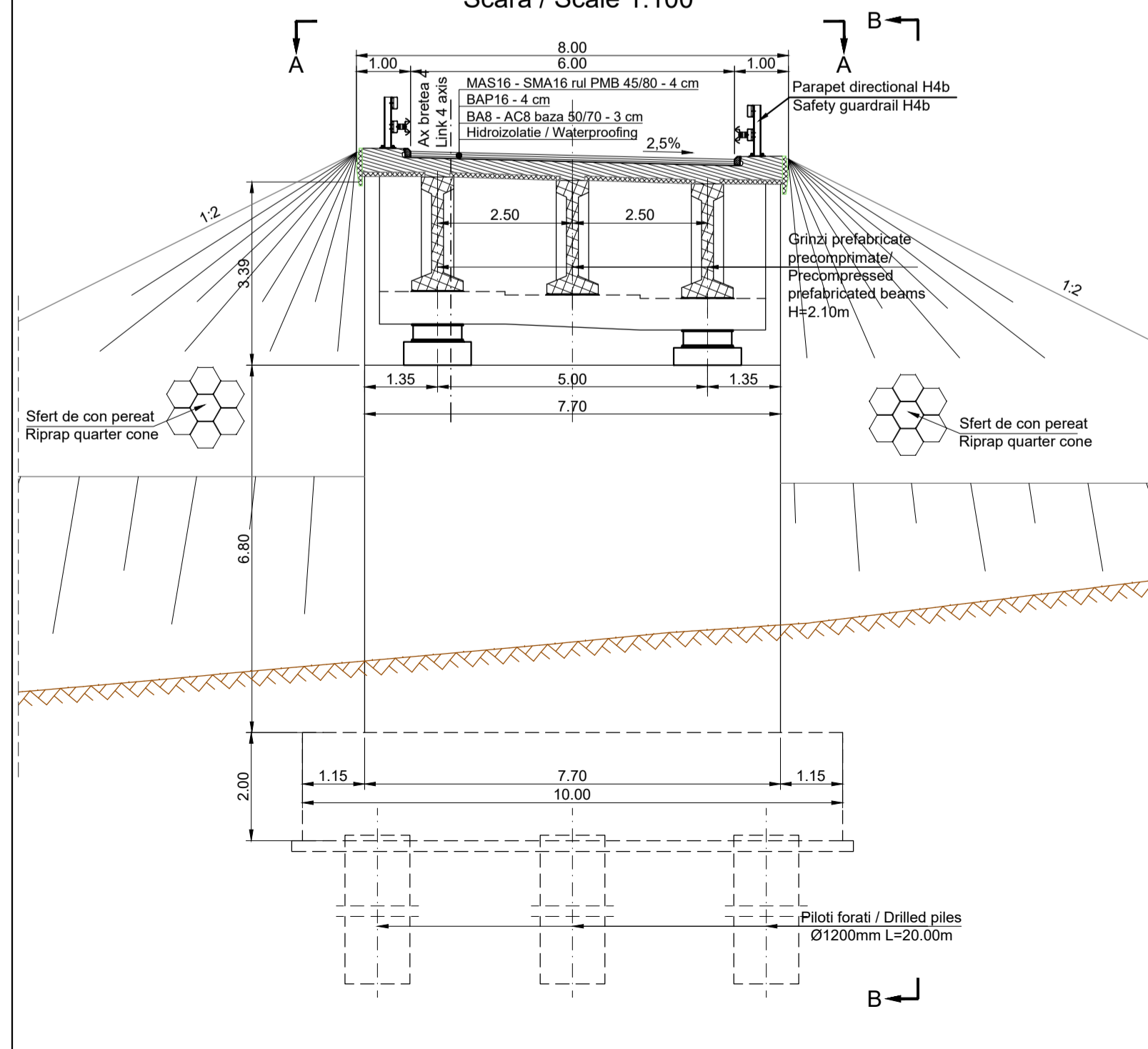
SECTIUNE TRANSVERSALA PILA P1
CROSS SECTION PIER P1

Scara / Scale 1:100



SECTIUNE TRANSVERSALA CULEE C1
CROSS SECTION ABUTMENT C1

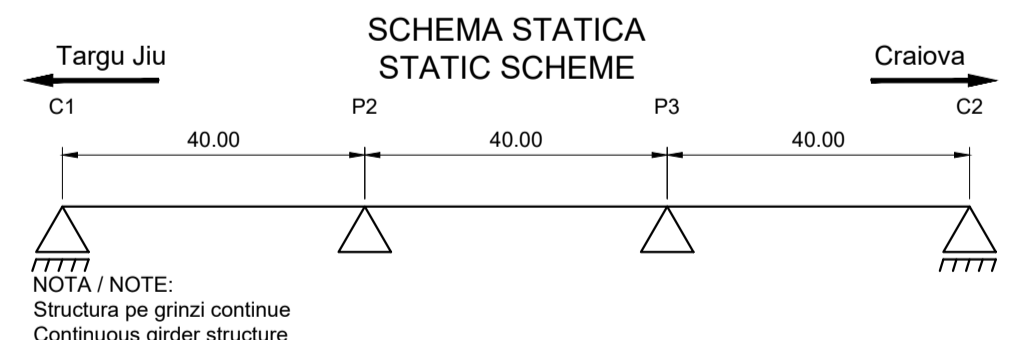
Scara / Scale 1:100



CENTRALIZATOR CLASE DE BETON CONCRETE CLASS SUMMARY		
Element / Element	Clasa de beton / Concrete class	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 XF3
Predale / Pre-slabs	C35/45	XC3 XF1 XF3

Note:

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



Durata de viata: 120 ani Convooie 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 ₀ =0.20g, T _c =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", acc. SR 11100/1-93 a ₀ =0.20g, T _c =1.0s acc. P100-1:2013 Quality requirements for TP phase: A4, B2, D Af
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Conform recomandarilor Studiului Geotehnic: structura este fundata indirect pe piloni forati. Diametrul si lungimea pilonilor vor fi definitivi in etapa urmatoare de proiectare conform HG 907.

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

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

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

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

PROIECTANT / ASOCIATIA / DESIGNER ASSOCIATION: egis SEARCH CORPORATION SRL

ELABORARE STUDIUL DE FEZABILITATE SI PROIECT TEHNIC PENTRU AUTOSTRADA CRAIOVA-FILAS SI DRUM EXPRESS FILAS-TARGU JIU

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

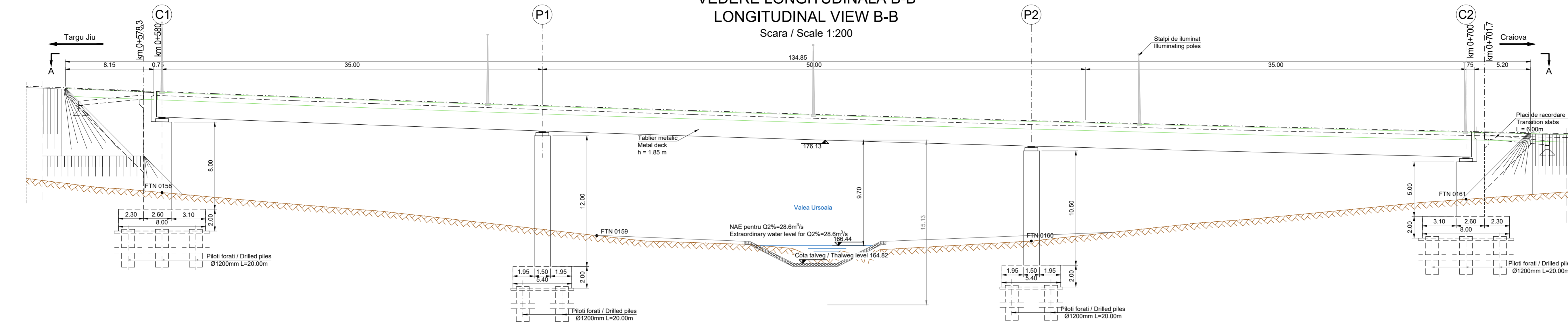
DISPOZITIE GENERALA GENERAL LAYOUT

Viaduct pe Bretea 4 Nod Cherești km 0+578 peste Vale Ursoaia / Viaduct on Link 4 Cherești Interchange pk 0+578 over Vale Ursoaia

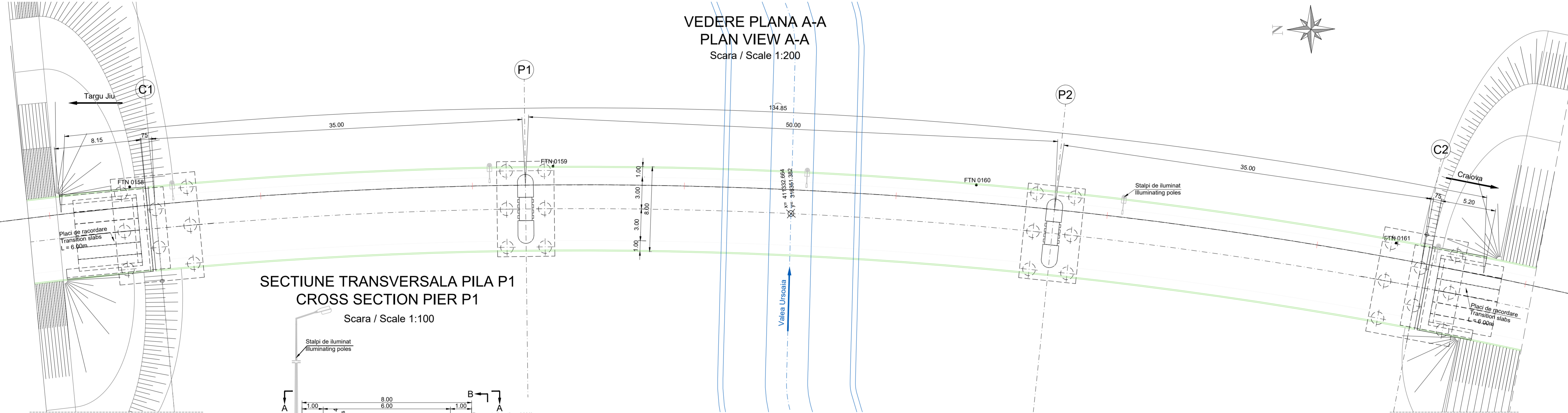
COORDONATOR ADJUNCT DE PROIECT / PROJECT COORDINATOR DEPUTY: R. THADANI	INGINER PROIECTANT DE PODURI / BRIDGE DESIGN ENGINEER: G. PERICLO
INGINER PROIECTANT DE PODURI / BRIDGE DESIGN ENGINEER: G. BARONCEA	INGINER PROIECTANT DE PODURI / BRIDGE DESIGN ENGINEER: M. ANDREI
VERIFICATOR INTERN / INTERNAL CHECKER: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

Contract nr. 9222579 / Contract no. 9222579
Data: 10/02/23 / Date: 10/02/23
Scara: 1:200 / 1:100 / Scale: 1:200 / 1:100
Cod desen: 23070-CU-TP-1-1-3-03-BN.1.1.002 / Drawing number:

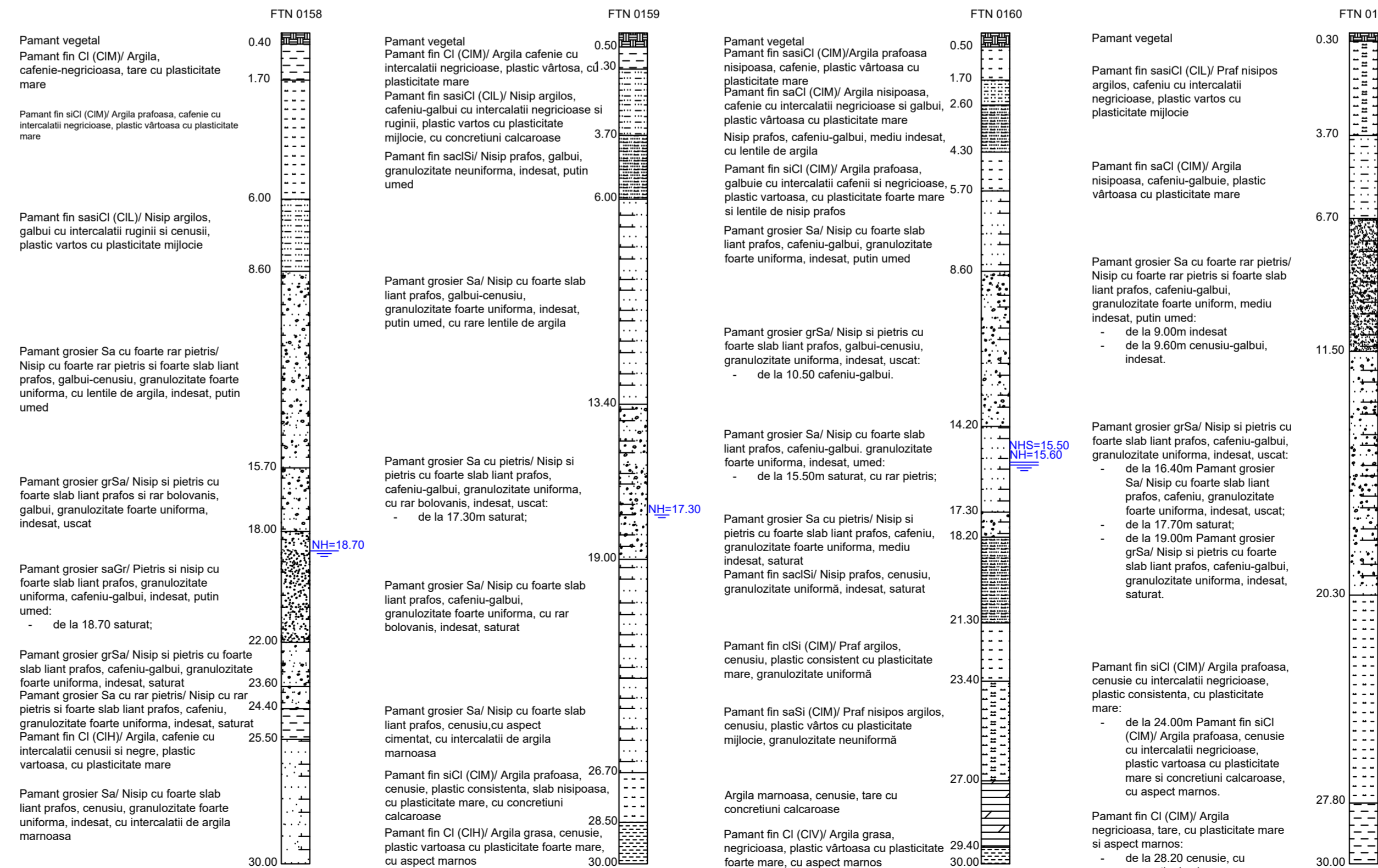
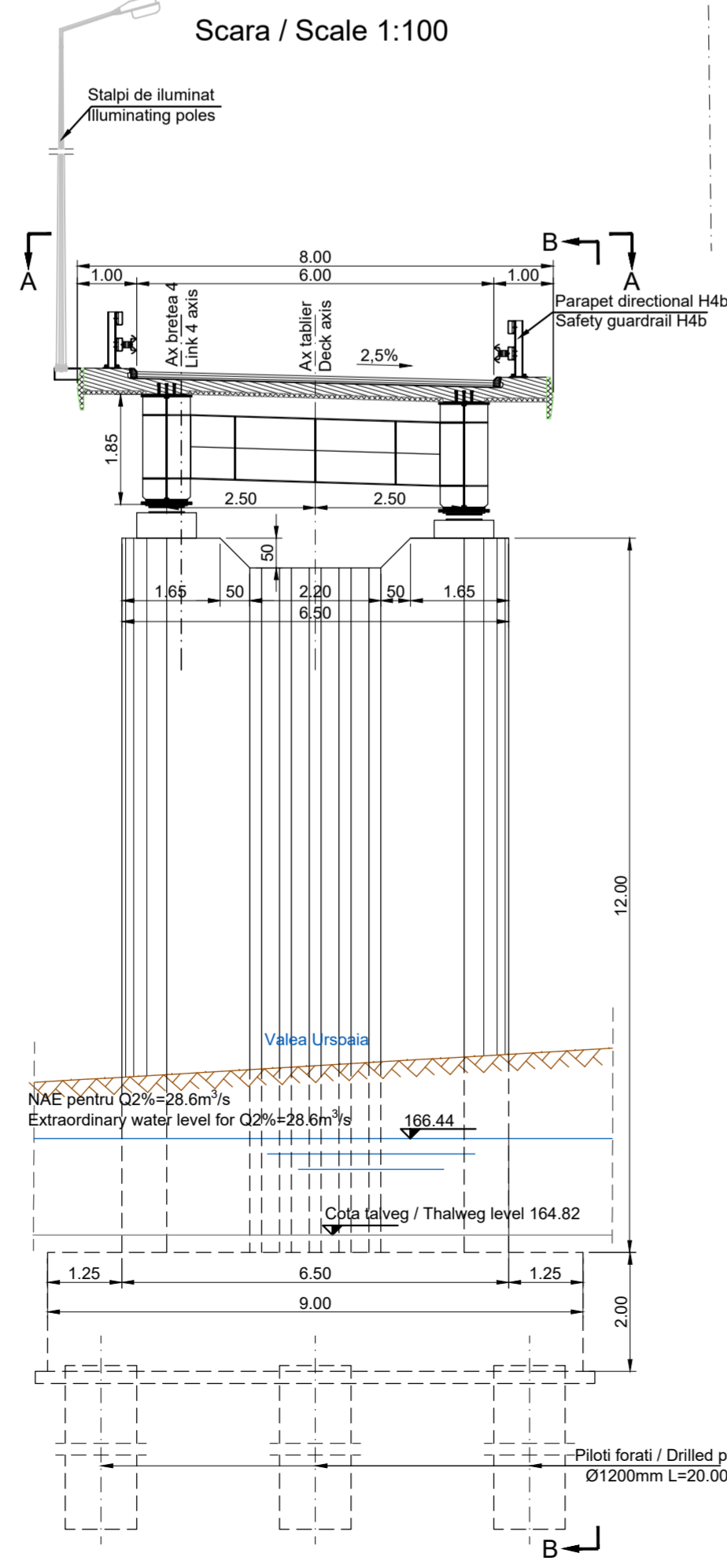
VEDERE LONGITUDINALA B-B
LONGITUDINAL VIEW B-B
Scara / Scale 1:200



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



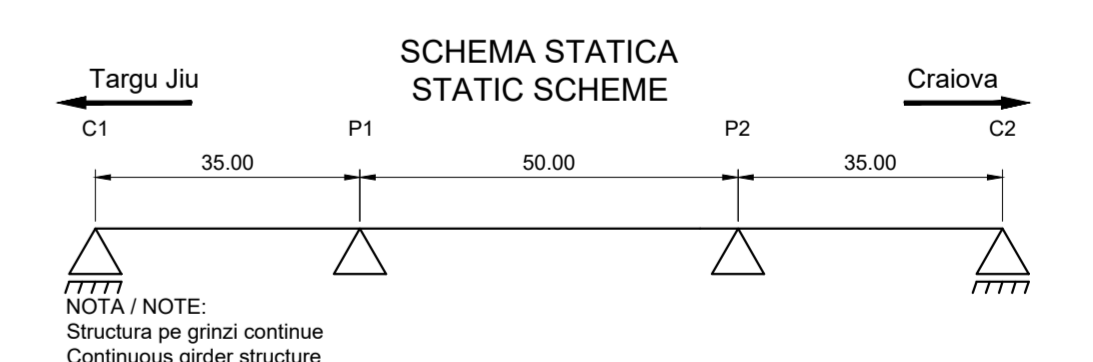
SECTIUNE TRANSVERSALA PILA P1
CROSS SECTION PIER P1
Scara / Scale 1:100



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
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
Grnzi prefabricate / Prefabricated beams	C50/60	XC3 XF1 XF3
Predale / Preslabs	C35/45	XC3 XF1 XF3

Note:

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



<p>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 111001-93 a₀=0.20g, T_c=1.0s conf. P100-1:2013 Exigente de verificare faza PT: A4, B2, D Af</p>	<p>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 111001-93 a₀=0.20g, T_c=1.0s acc. P100-1:2013 Quality requirements for TP phase: A4, B2, D Af</p>
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Conform recomandarilor Studiului Geotehnic structura este fundata indirect pe piloti forati. Diametrii 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.

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

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

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

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

ELABORARE STUDIUL DE FEZABILITATE SI PROIECTARE PENTRU AUTOSTRADA CRAIOVA - IALASI SI DRUM EXPRESS FILAS-TARGU JIU

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

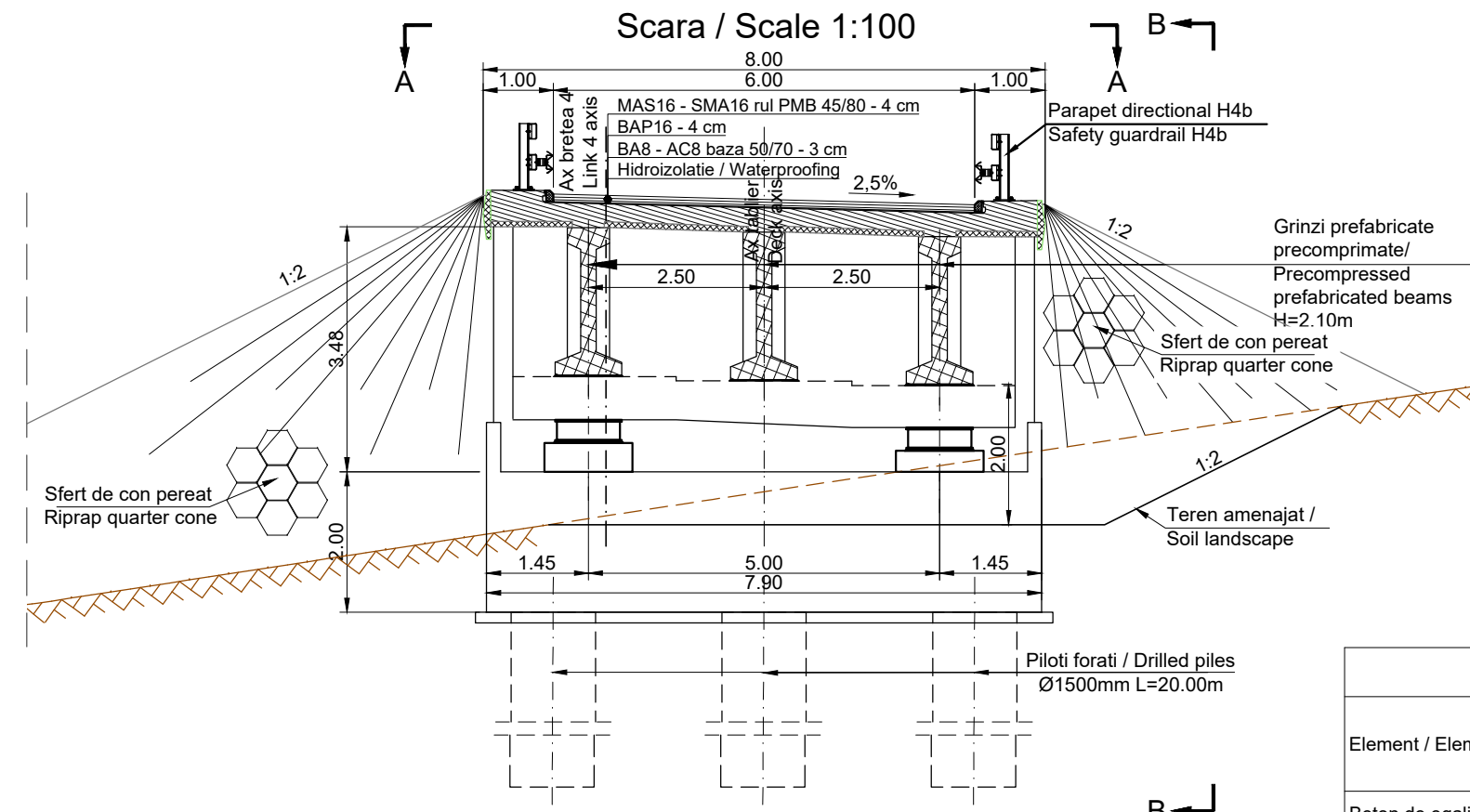
DISPOZITIE GENERALA GENERAL LAYOUT

Viaduct pe Bretea 4 Noi Ghiercesti km 0+578 peste Vale Ursosia Varianta 2 / Viaduct on Bretea 4 Ghiercesti Interchange pk 0+578 over Vale Ursosia 2nd version

COORDONATOR ADJUNCT DE PROIECT / PROJECT COORDINATOR DEPUTY: THADAN	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. 92/2579 / Revision no. 0
Date: 10/02/23 / Scale: 1:200 / 1:100
Cod de proiectare: C-1.3-F-1-C-3.3-00-SN-133.000 / Drawing number:

SECTIUNE TRANSVERSALA CULEE C1
CROSS SECTION ABUTMENT C1

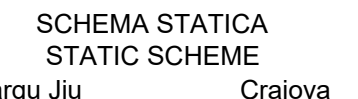
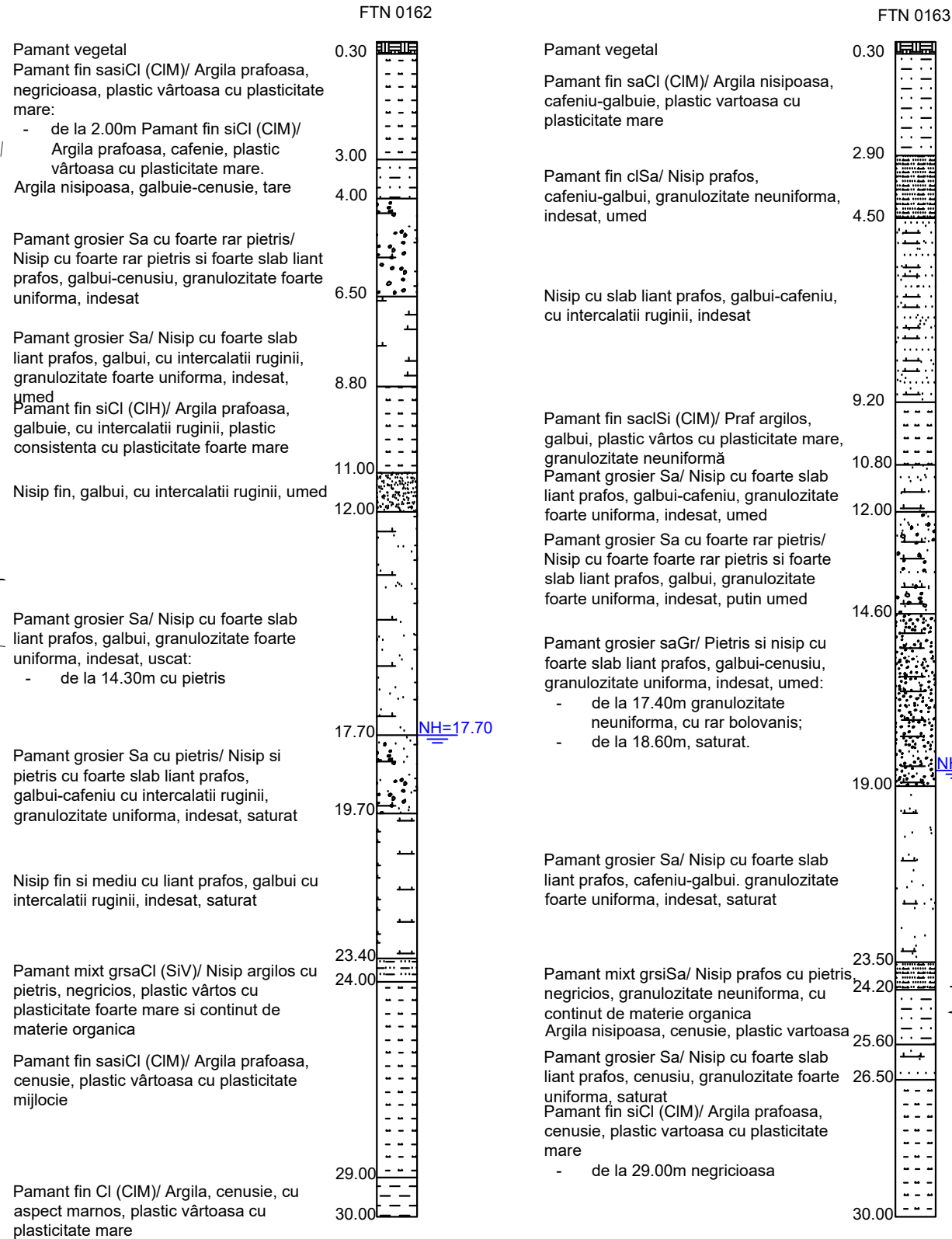
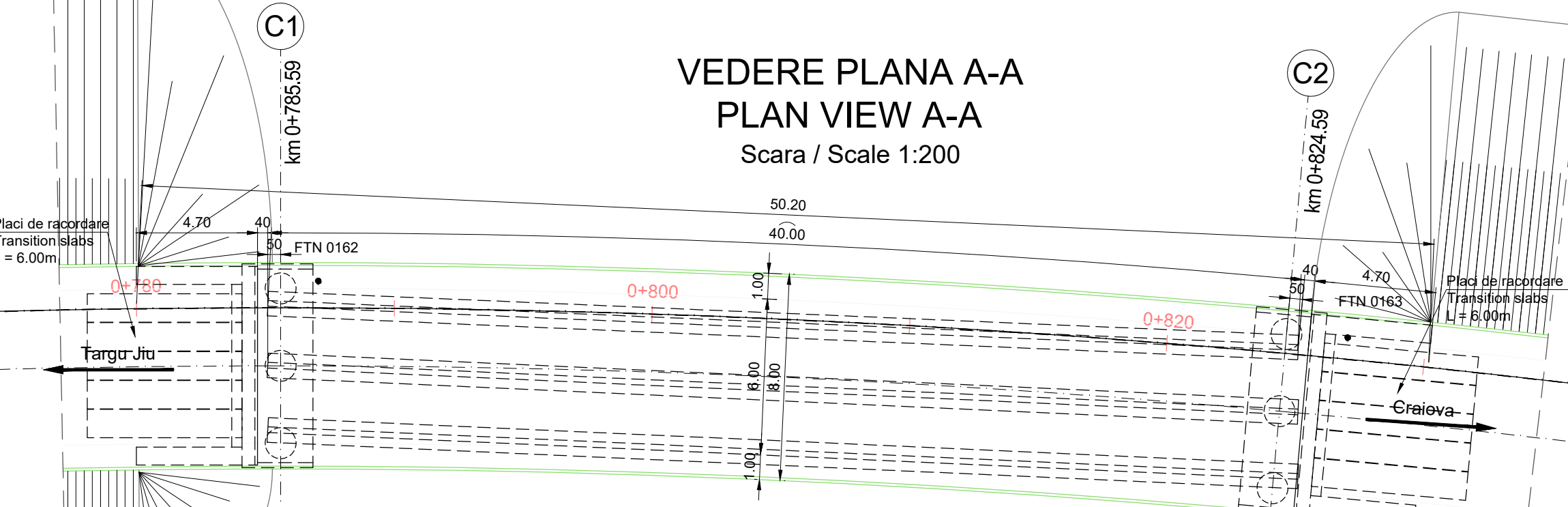
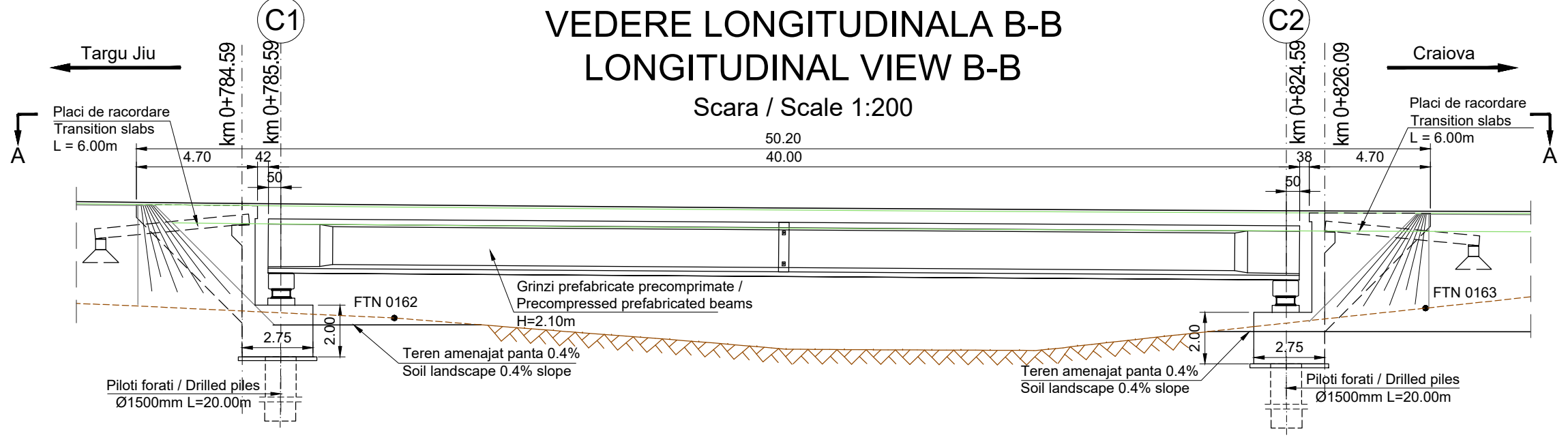


CENTRALIZATOR CLASE DE BETON
CONCRETE CLASS SUMMARY

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

Note:

- Re prezentarea 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.



Durata de viata: 120 ani
Convoaie de calcul
LM1 - conf. SR EN 1991-2:2005
LM2 - conf. SR EN 1991-2:2005
Categoriza de importanta: "B"
Grad de seismicitate:
"8₂", conf. SR 11100/1-93
a_g=0.20g, T_c=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 definitivi 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:
"8₂", acc. SR 11100/1-93
a_g=0.20g, T_c=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.

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

PROIECTANT / ASOCIEREA / DESIGNER ASSOCIATION: egis SEARCH CORPORATION

ELABORARE STUDIULUI DE FEZABILITATE SI PROIECT TEHNIC PENTRU AUTOSTRADA CRAIOVA-FILIASI SI DRUM 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
Viaduct pe Bretea 4 Nod Ghercesti km 0+784 peste Vale / Viaduct on Link 4 Ghercesti Interchange pk 0+784 over valley

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

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

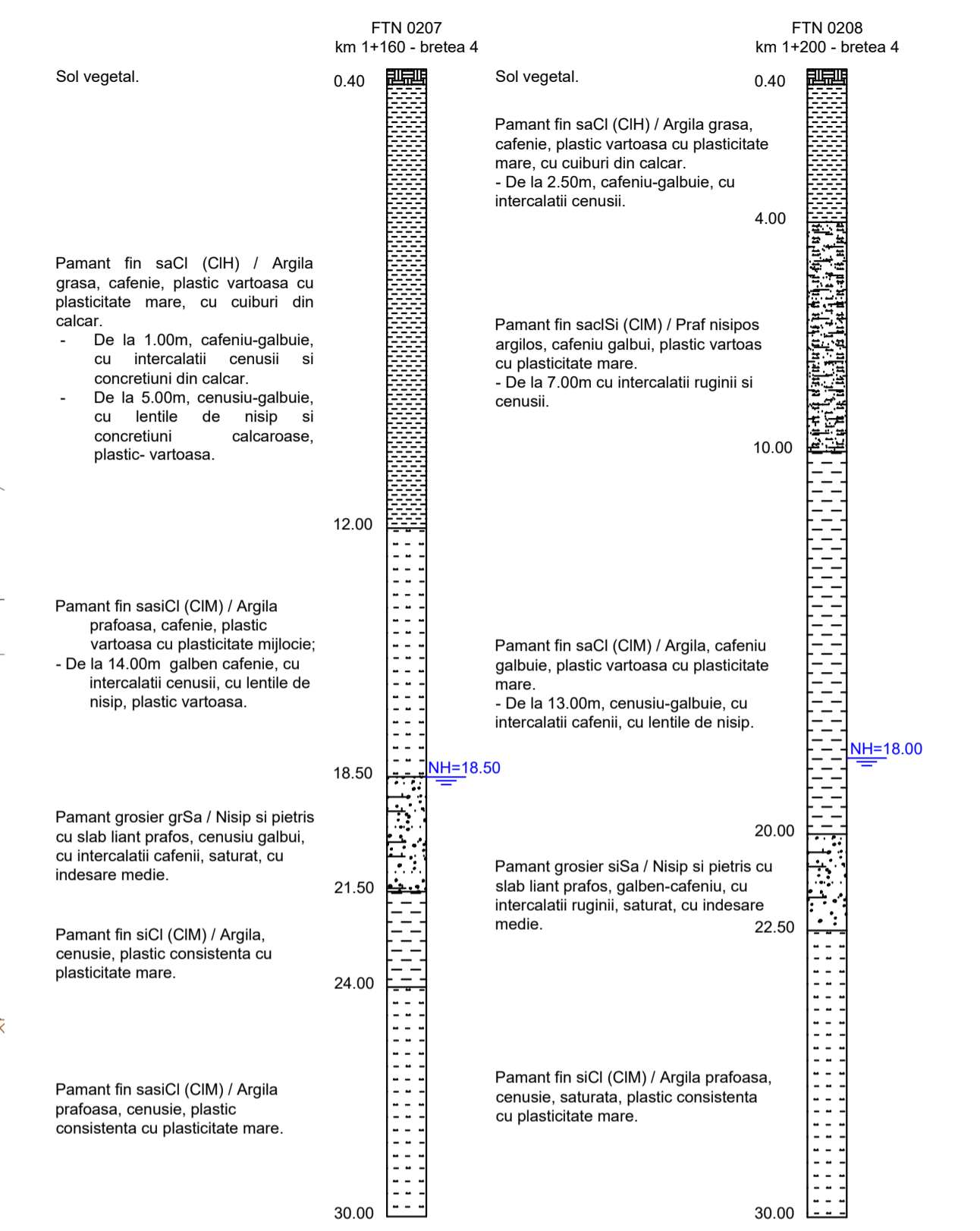
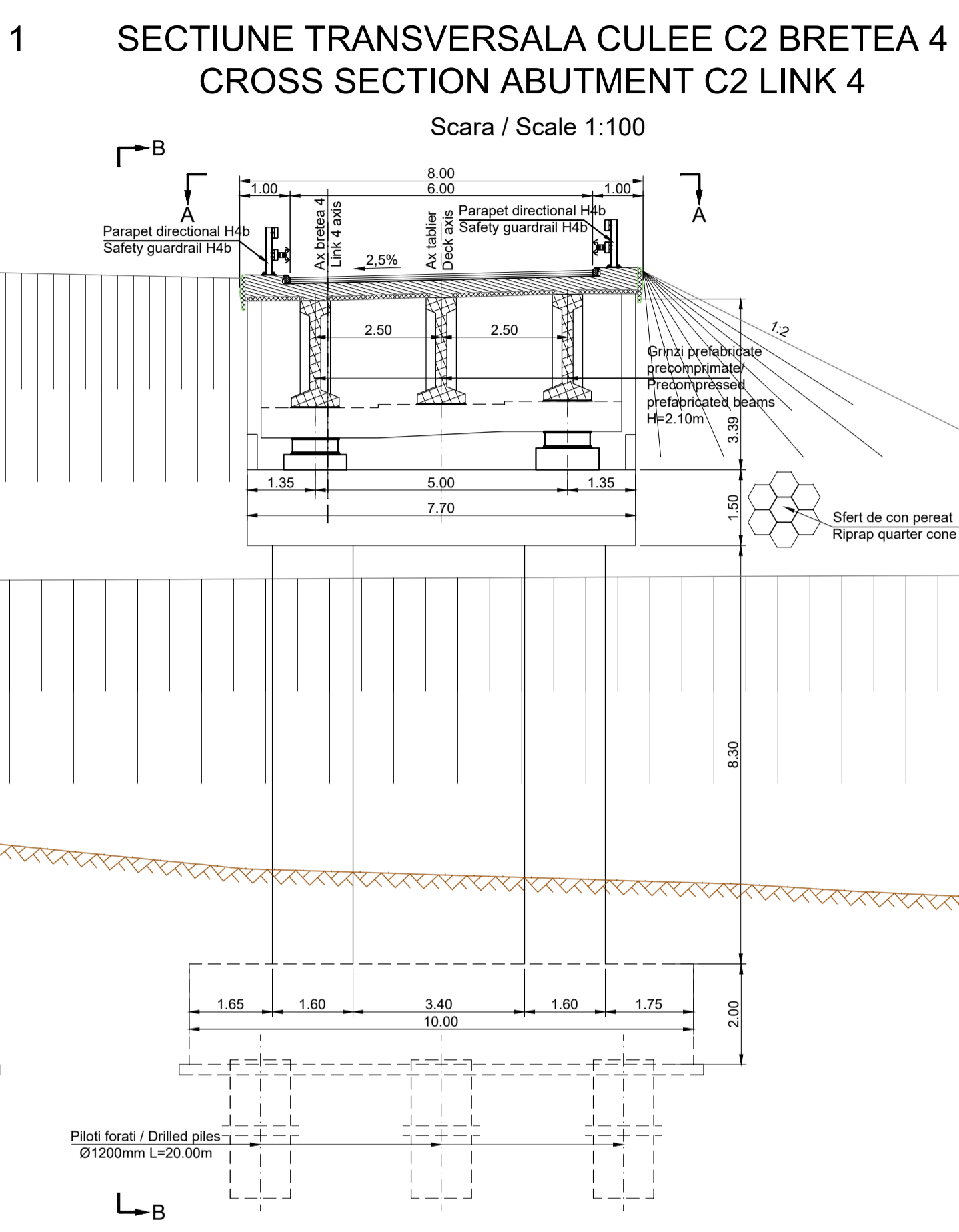
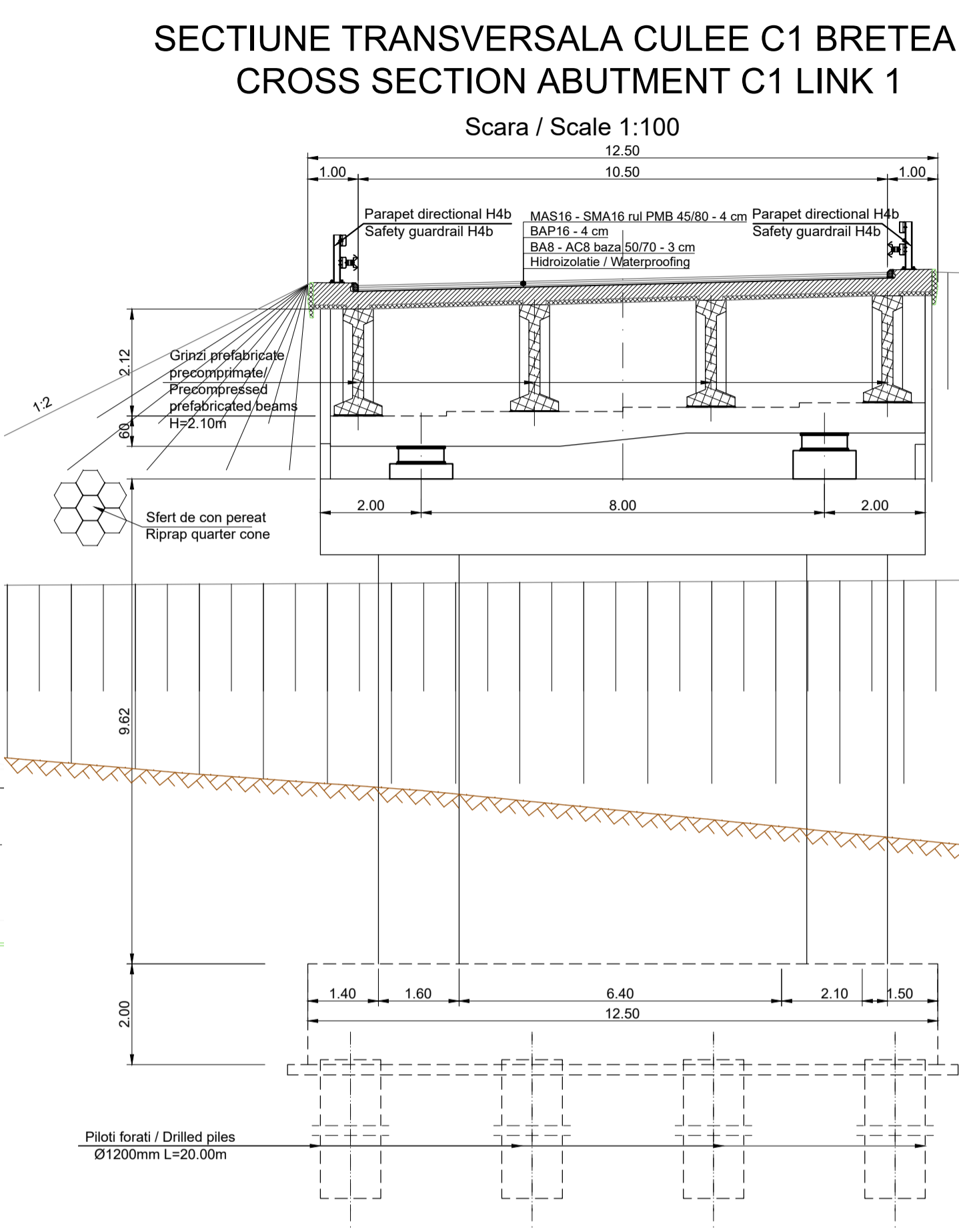
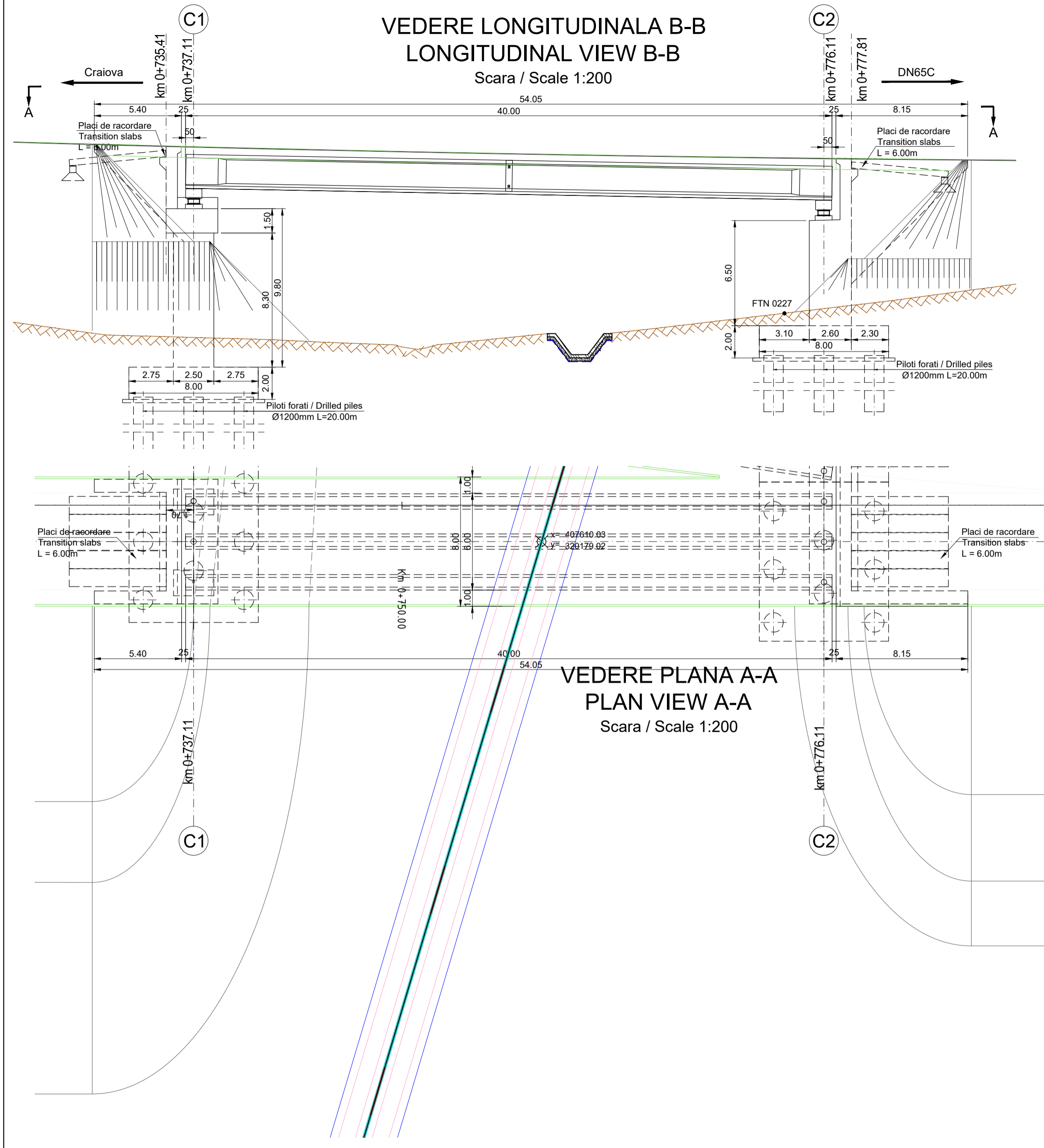
INGINIER PROIECTANT DE PODURI / BRIDGE DESIGN ENGINEER: G. BARONCEA

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

VERIFICAT INTERN / INTERNAL CHECKER: A. PRODAN

Contract nr. / Contract no.: 92/22579
Data: 10/2023
Cod desen: 22579-0TJ-SF-1-LA-3.3-DG-SN_1.11-RO0

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



CENTRALIZATOR CLASE DE BETON CONCRETE CLASS SUMMARY

Element / Element	Clasa de beton / Concrete class	Clase de expunere / Exposure classes
Beton de egalizare / Leveling concrete	C12/15	X0
Piloti forati / Drilled piles	C30/37	XC4
Radiere / Foundations	C35/45	XC4
Elevatii / Elevations	C35/45	XC4 XD3 XF4
Placa de suprabetonare / Overconcreting slab	C35/45	XC1 XD3
Antretoaze / Cross beams	C35/45	XC1 XD3
Pereu / Riprap	C30/37	XC4 XF2
Fundatii pereu / Riprap foundations	C30/37	XC4
Antipi / 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:
 "B₂", 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 convoys
 LM1 - acc. SR EN 1991-2:2005
 LM2 - acc. SR EN 1991-2:2005
 Importance category: "B"
 Seismic area characteristics:
 "B₂", 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

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

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

Note:

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

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

PROIECTANT ASOCIAREA / DESIGNER ASSOCIATION: SEARCH CORPORATION

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

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

DISPOZITIE GENERALA
 GENERAL LAYOUT
 Viaduct pe Bretea 1 Nod Mischii km 0+735 peste Vale / Viaduct on Link 1 Mischii Interchange pk 0+735 over valley

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

INGINER PROIECTANT DE PODURI G. PERICOLU
BRIDGE DESIGN ENGINEER *[Signature]*

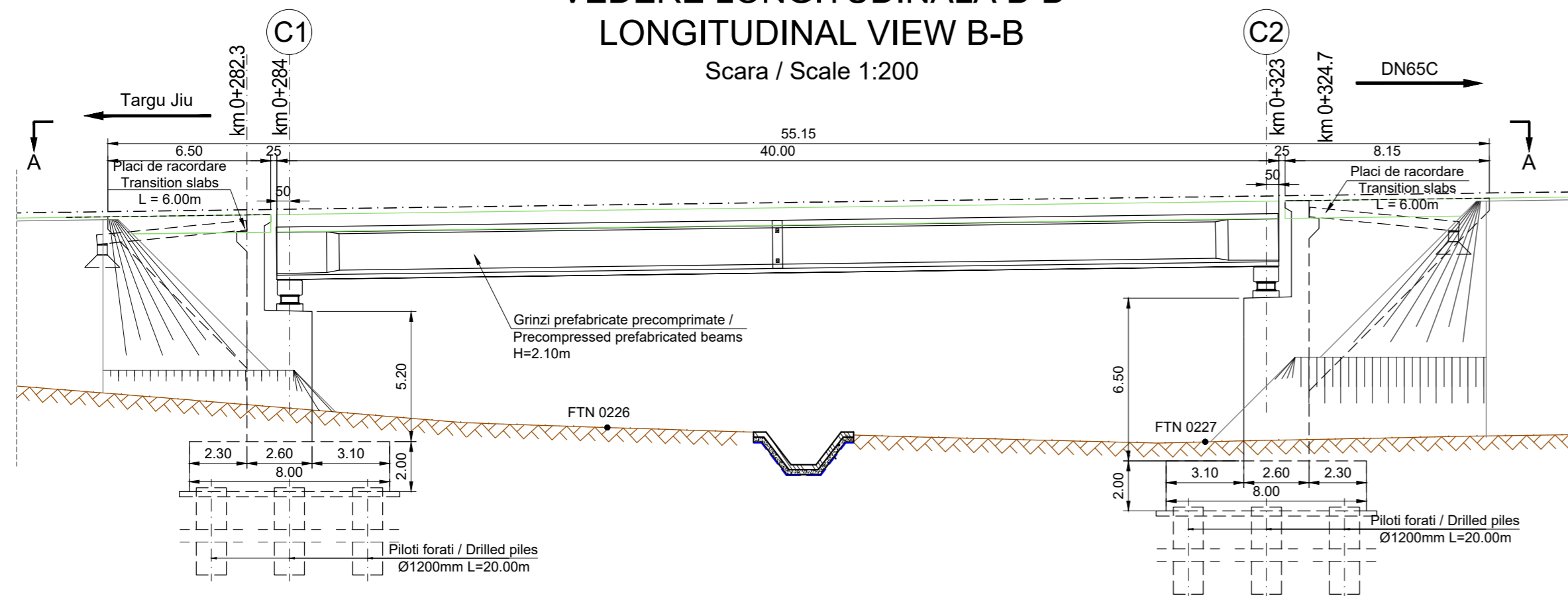
INGINER PROIECTANT DE PODURI G. BARONCEA
BRIDGE DESIGN ENGINEER *[Signature]*

INGINER PROIECTANT DE PODURI M. ANDREI
BRIDGE DESIGN ENGINEER *[Signature]*

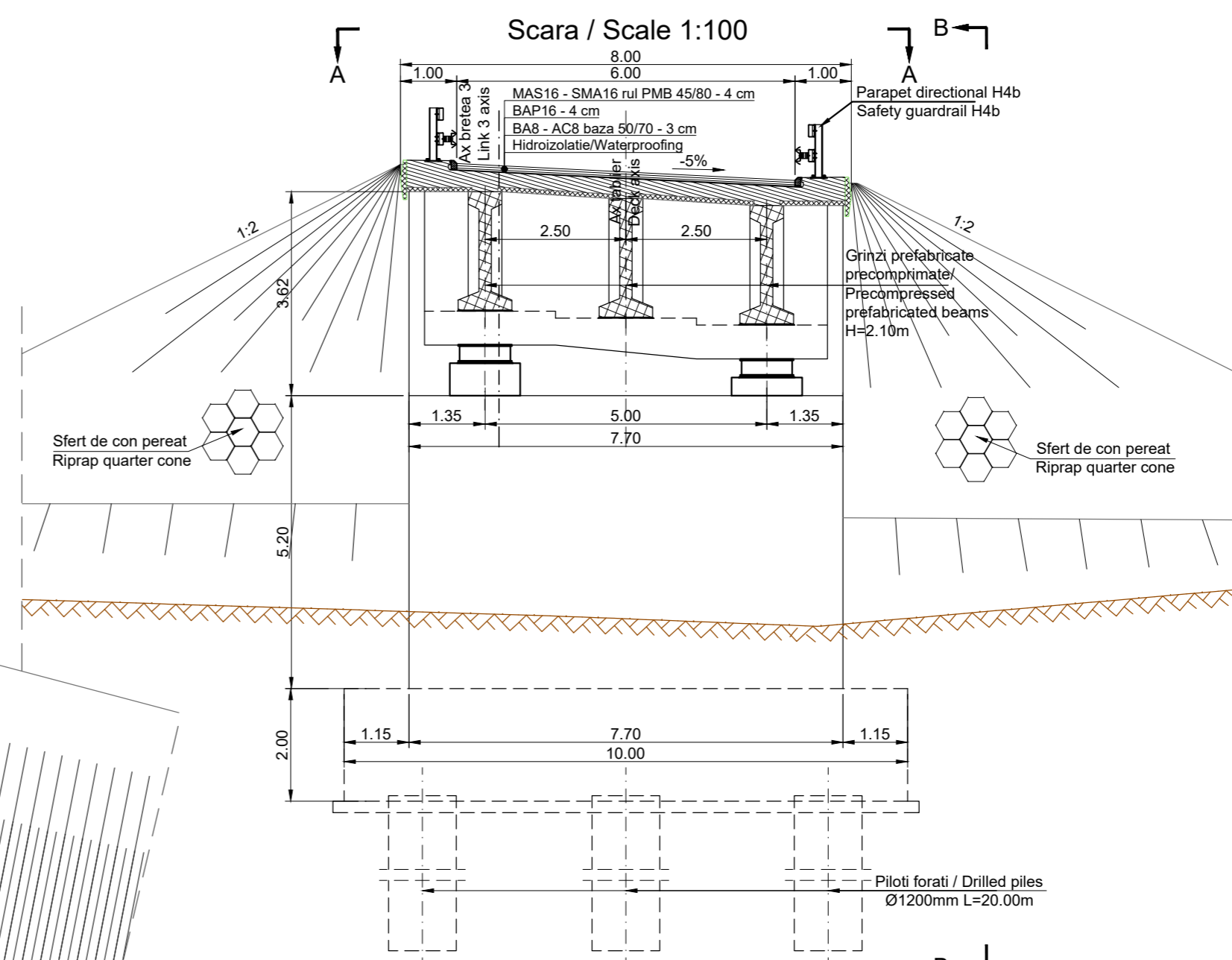
VERIFICAT INTERN A. PRODAN
INTERNAL CHECKER *[Signature]*

Contract nr. 92/22579
 Contract no. 0
 Data: 10/2023
 Date: 10/2023
 Cod desen 22579-C1-J-SF-1-LA-3-DG-SN_2.01400
 Drawing number:

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

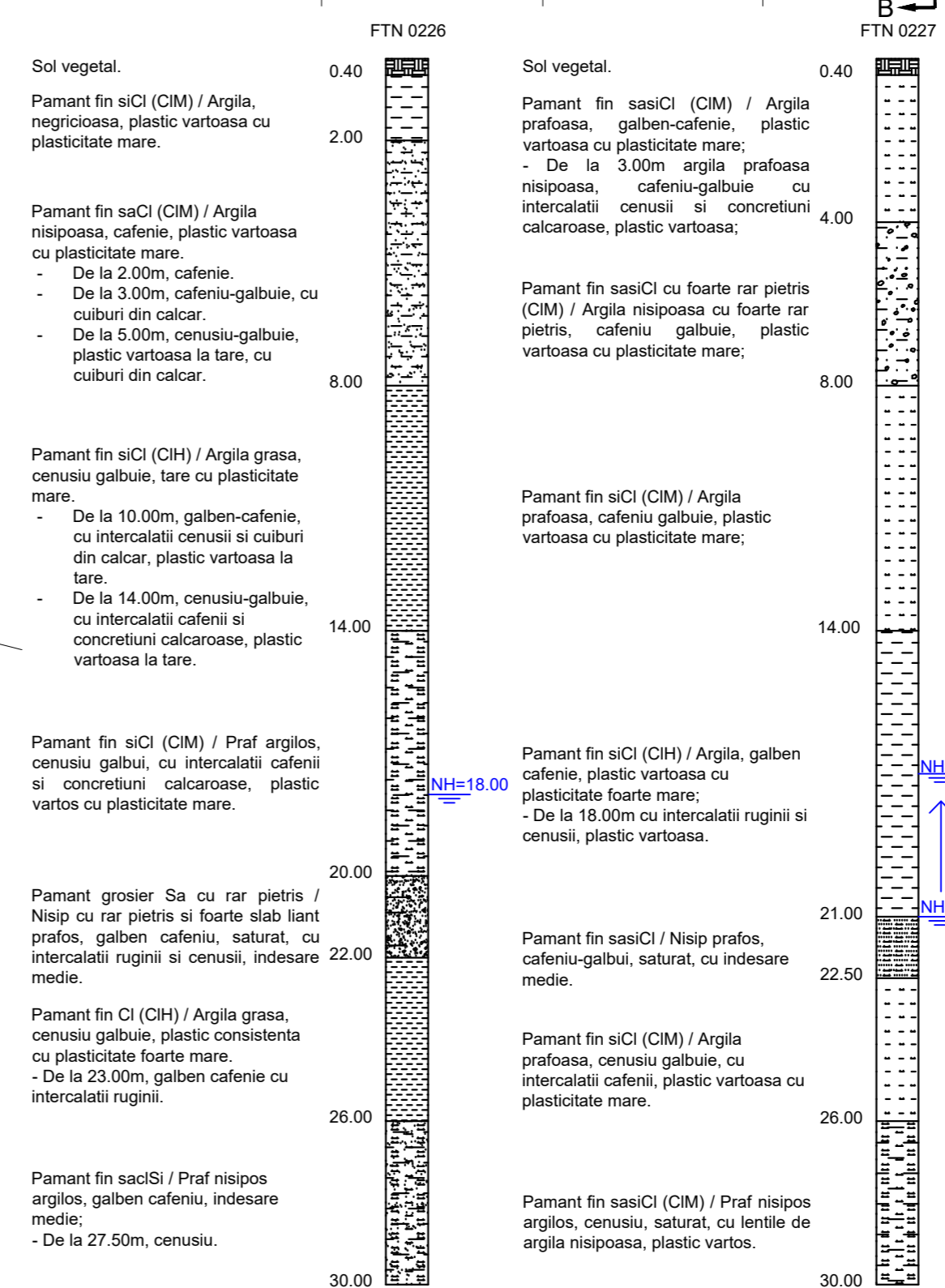
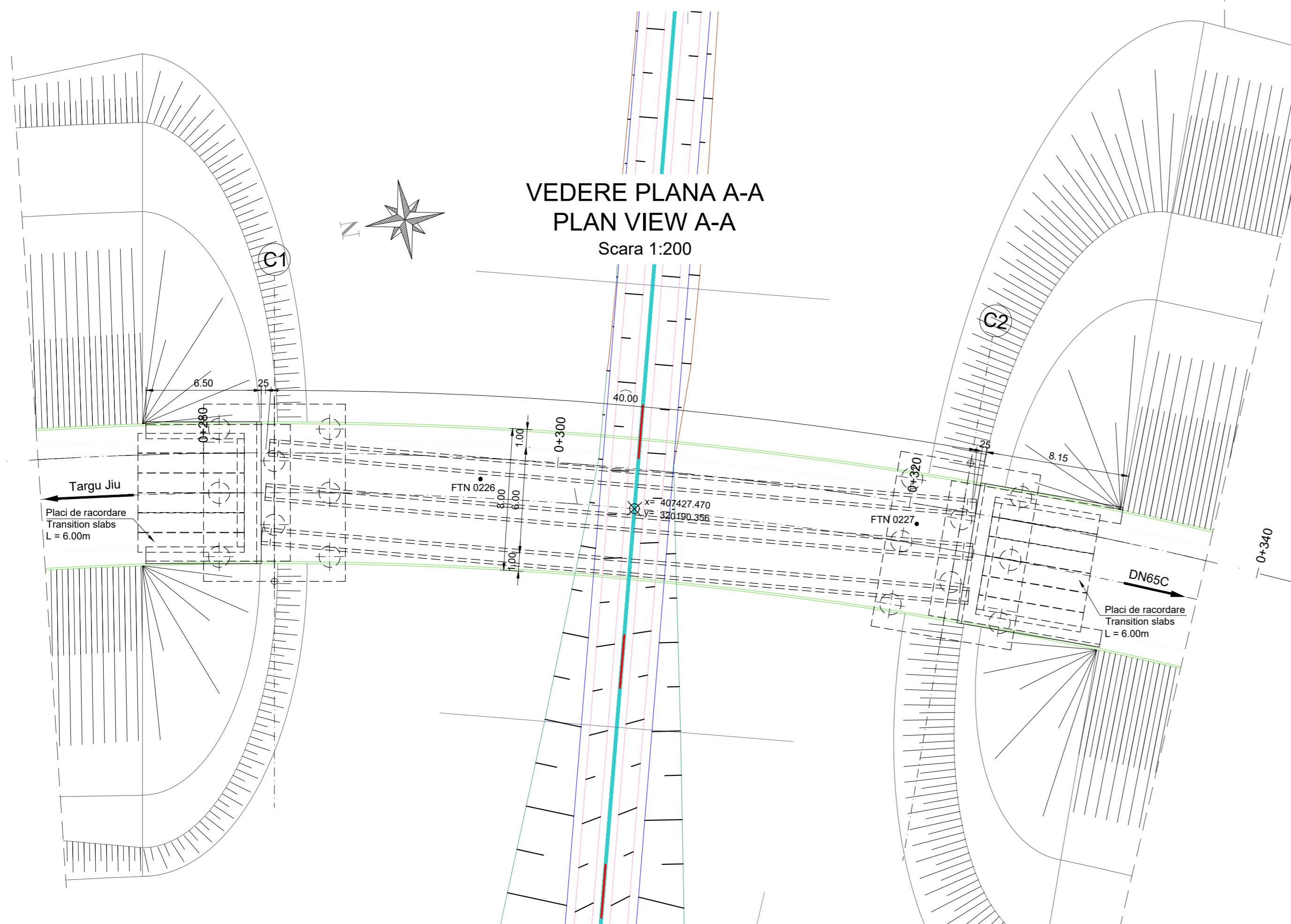


**SECTIUNE TRANSVERSALA CULEE C1
CROSS SECTION ABUTMENT C1**
Scara / Scale 1:100

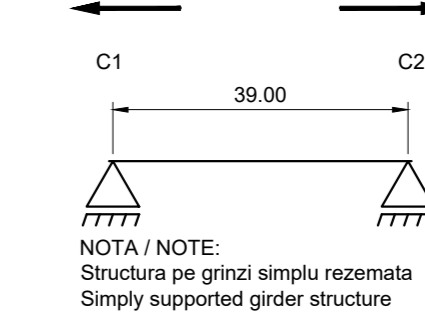


CENTRALIZATOR CLASE DE BETON CONCRETE CLASS SUMMARY		
Element / Element	Clasa de beton / Concrete class	Clase de expunere / Exposure classes
Beton de egalizare / Leveling concrete	C12/15	X0
Piloti forati / Drilled piles	C30/37	XC4
Radiere / Foundations	C35/45	XC4
Elevatii / Elevations	C35/45	XC4 XD3 XF4
Placa de suprabetonare / Overconcreting slab	C35/45	XC1 XD3
Antrezoaze / Cross beams	C35/45	XC1 XD3
Peruu / 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 / Preslabs	C35/45	XC3 XF1 XF3

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



**SCHEMA STATICA
STATIC SCHEME**



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: "8", 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

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.

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: "8", 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

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

Note:

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

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

PROIECTANT ASOCIEREA / DESIGNER ASSOCIATION: egis SEARCH CORPORATION

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

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

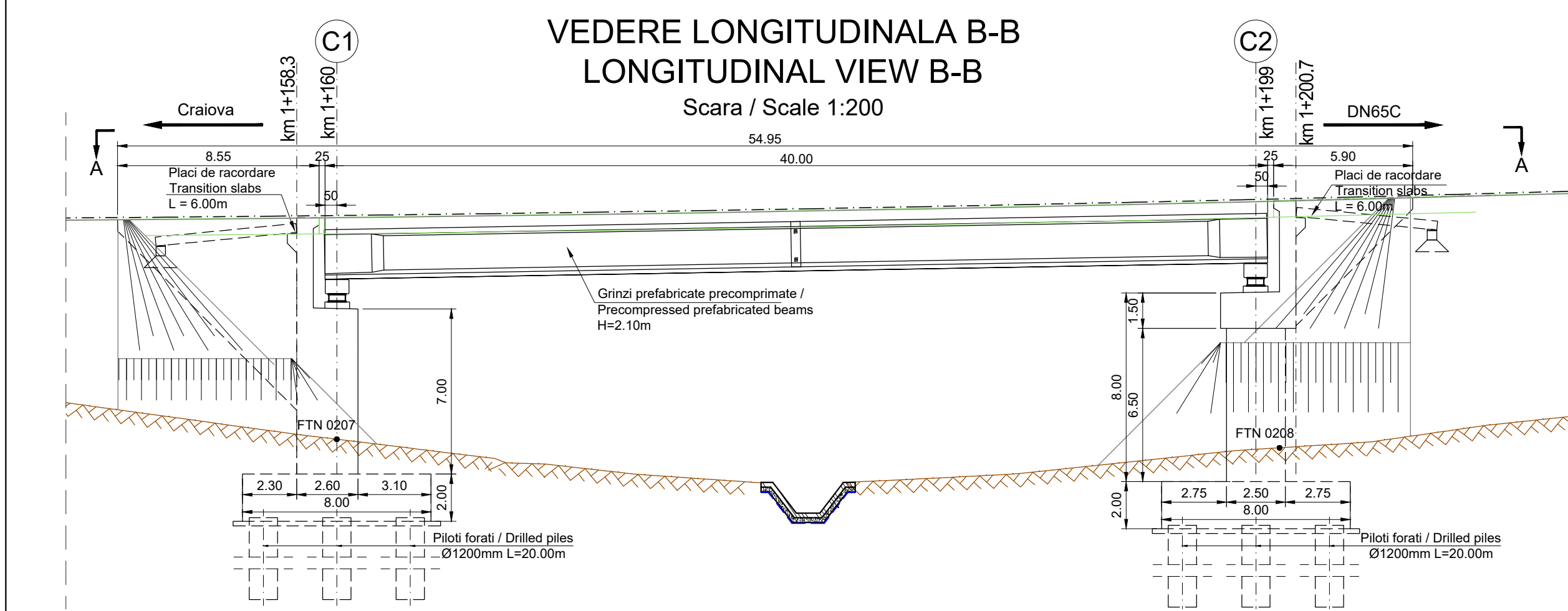
DISPOZITIE GENERALA GENERAL LAYOUT
Viaduct pe Bretea 3 Nod Mischii km 0+282 peste Vale / Viaduct on Link 3 Mischii Interchange pk 0+282 over valley

COORDONATOR ADJUNCT DE PROIECT	R. THADANI
PROJECT COORDINATOR DEPUTY	<i>[Signature]</i>
INGINER PROIECTANT DE PODURI BRIDGE DESIGN ENGINEER	G. PERICOLO
INGINER PROIECTANT DE PODURI BRIDGE DESIGN ENGINEER	G. BARONCEA
INGINER PROIECTANT DE PODURI BRIDGE DESIGN ENGINEER	M. ANDREI
VERIFICAT INTERN INTERNAL CHECKER	A. PRODAN

Contract nr. 92/22579
Contract no. 10/2023
Data: 10/2023
Revizia nr. 0
Revision no. 0
Scara: 1:200 / 1:100
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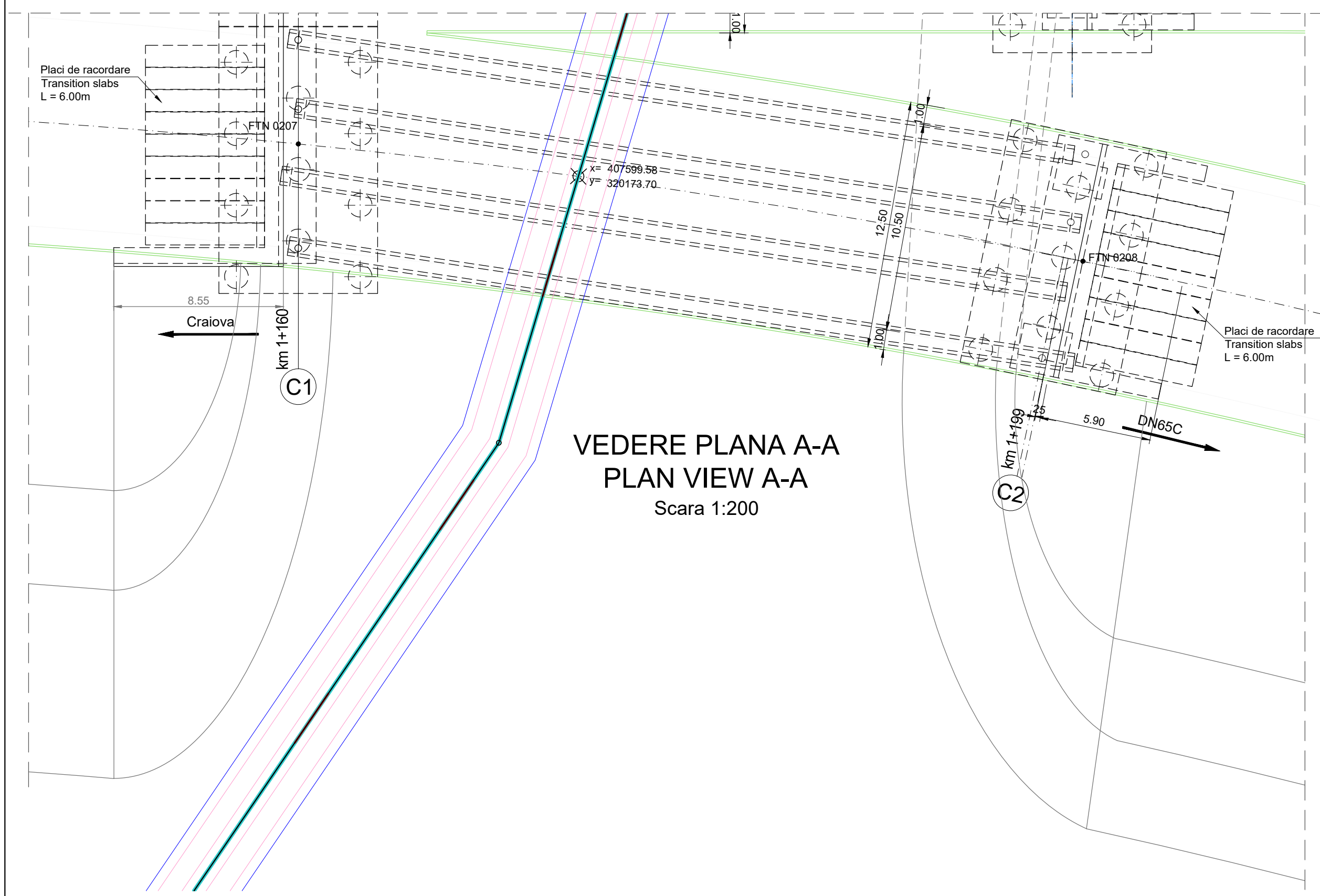
**VEDERE LONGITUDINALA B-B
LONGITUDINAL VIEW B-B**

Scara / Scale 1:200



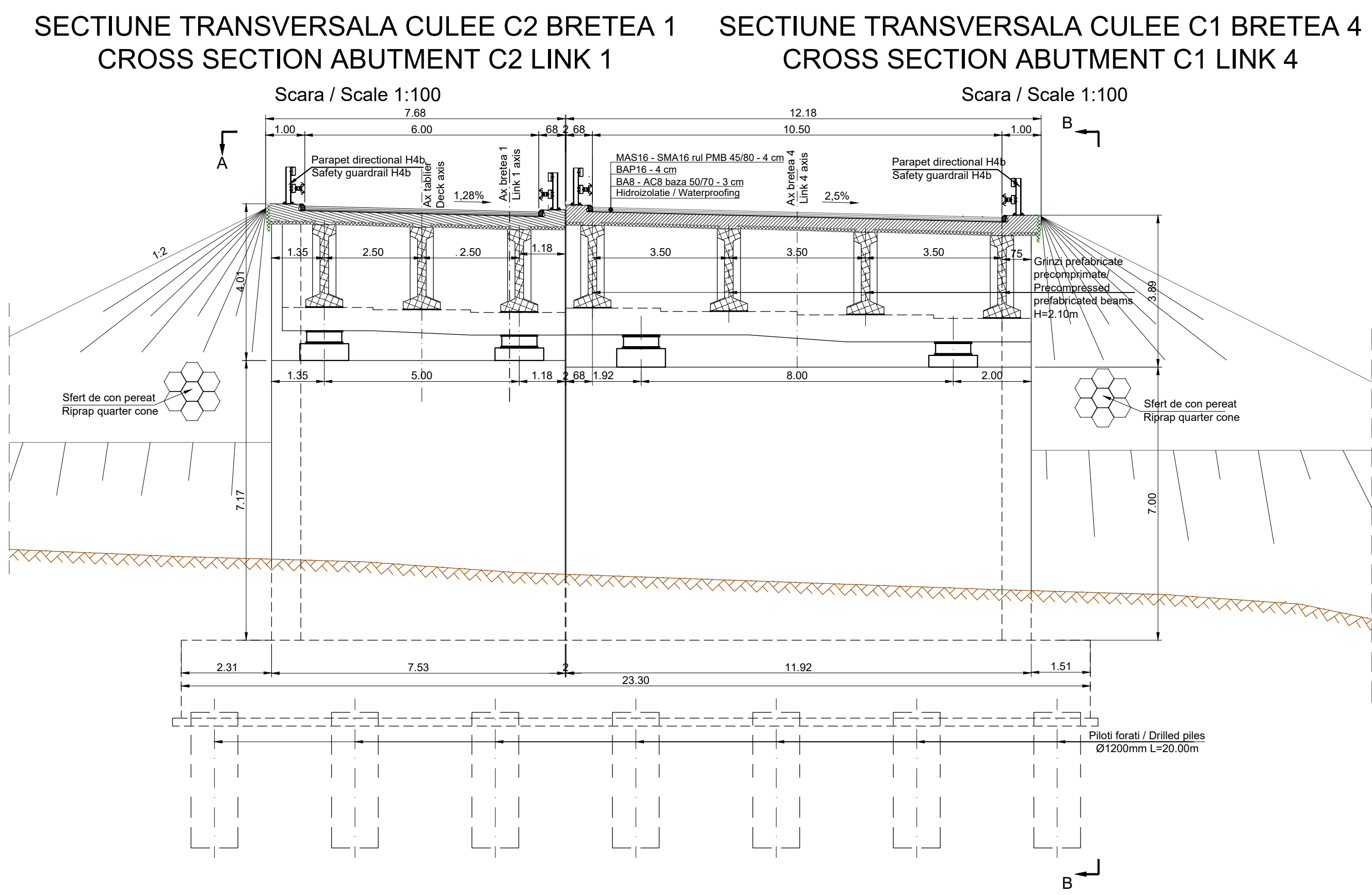
**VEDERE PLANA A-A
PLAN VIEW A-A**

Scara 1:200



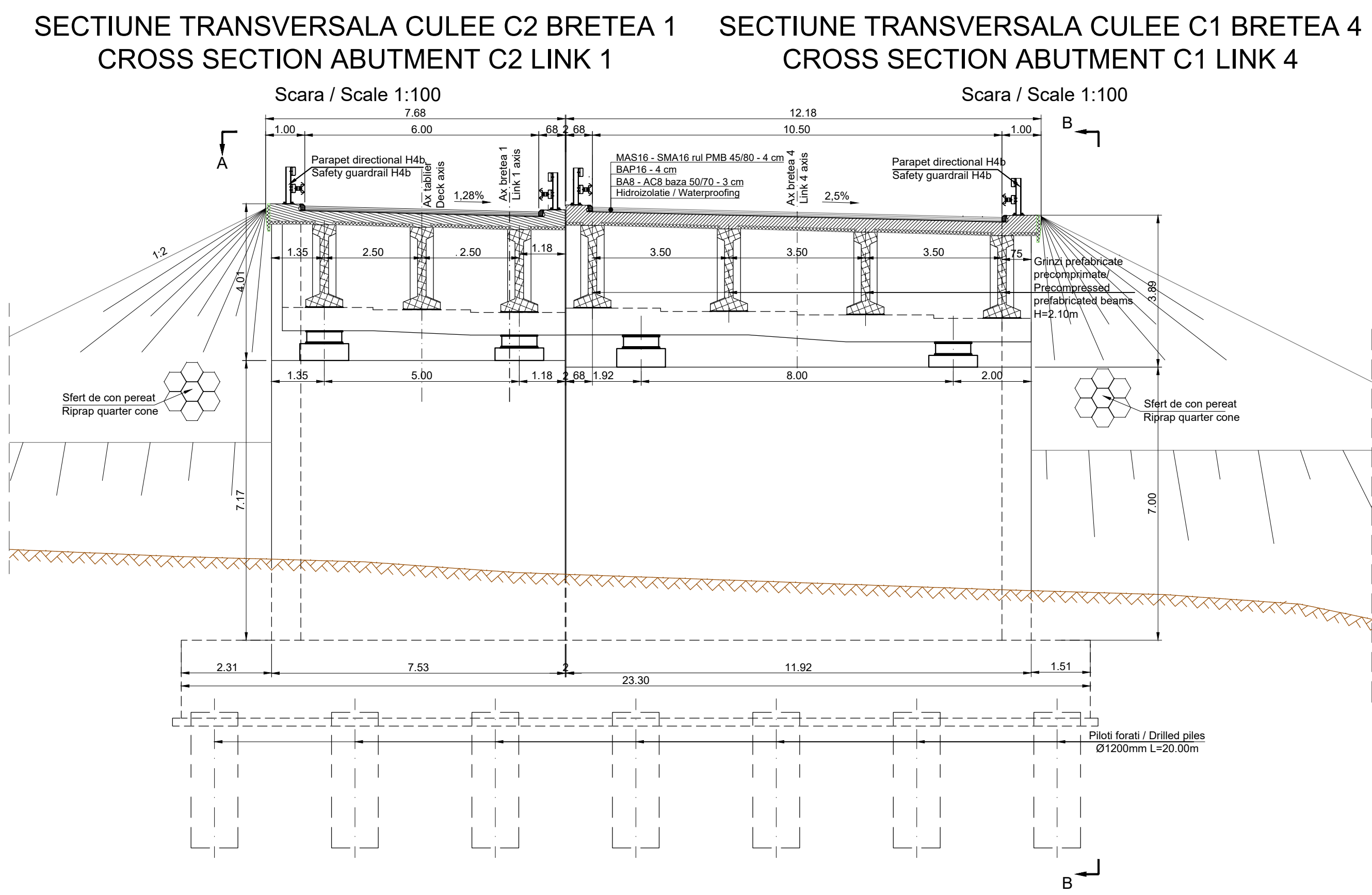
**SECTIUNE TRANSVERSALA CULEE C2 BRETEA 1
CROSS SECTION ABUTMENT C2 LINK 1**

Scara / Scale 1:100



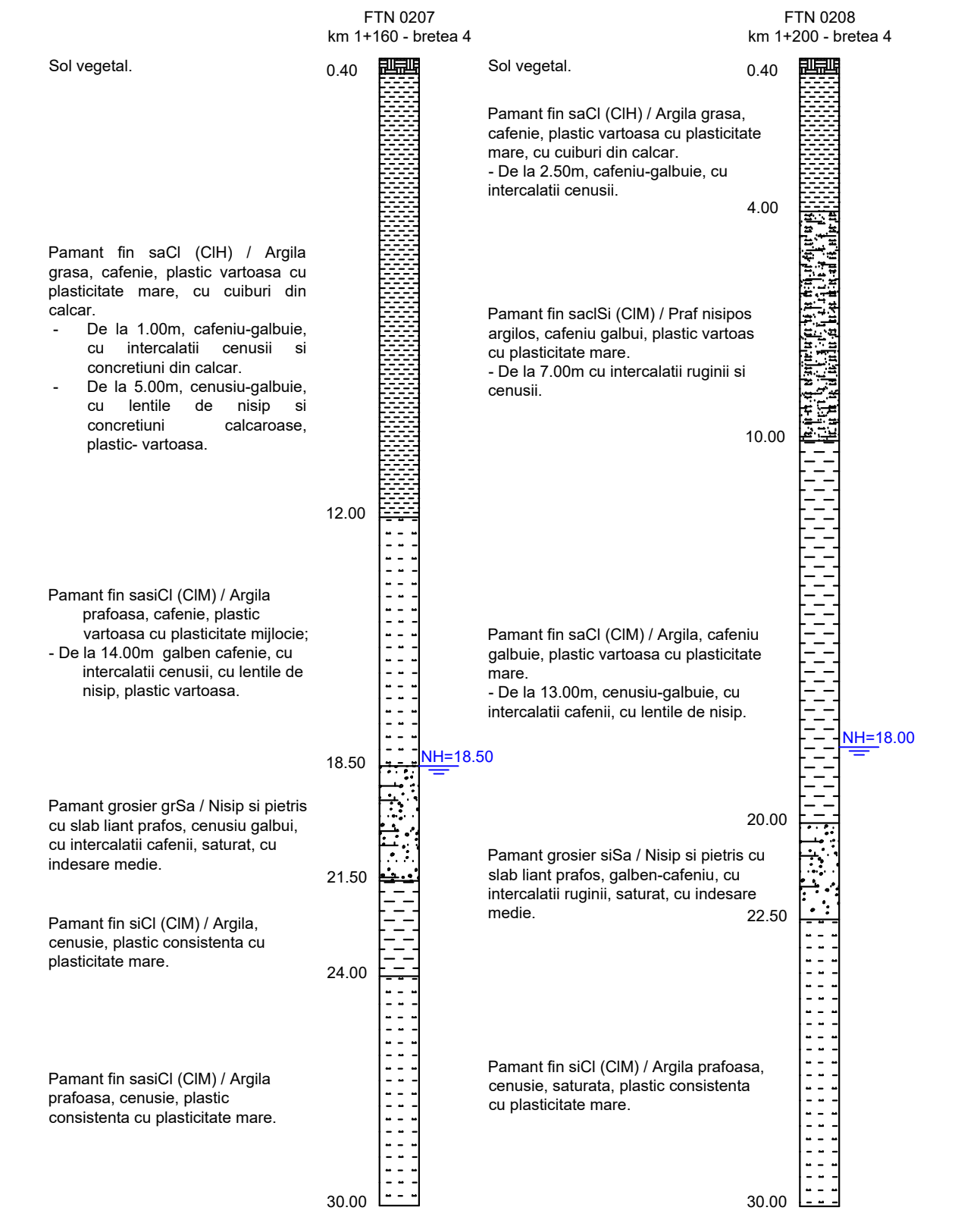
**SECTIUNE TRANSVERSALA CULEE C1 BRETEA 4
CROSS SECTION ABUTMENT C1 LINK 4**

Scara / Scale 1:100

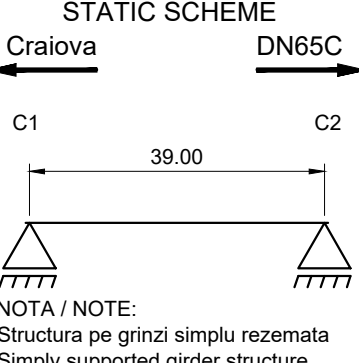


**CENTRALIZATOR CLASE DE BETON
CONCRETE CLASS SUMMARY**

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
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 / Preslabs	C35/45	XC3 XF1 XF3



**SCHEMA STATICA
STATIC SCHEME**



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

Durata de viata: 120 ani
Lifespan: 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"
Importance category: "B"

Grad de seismicitate:
Seismic area characteristics:

"B₂", conf. SR 11100/1-93
"B₂", acc. SR 11100/1-93

a_s=0.20g, Tc=1.0s conf. P100-1:2013
a_s=0.20g, Tc=1.0s acc. P100-1:2013

Exigente de verificare faza PT: A4, B2, D
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 ROTUNDIE
NATIONAL ADMINISTRATION COMPANY OF ROAD INFRASTRUCTURE

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

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

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

DISPOZITIE GENERALA GENERAL LAYOUT
Viaduct pe Bretea 4 Nod Mischii km 1+158 peste Vale / Viaduct on Link 4 Mischii Interchange pk 1+158 over valley

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. 92/22579
Contract no. 0

Data: 10/2023
Date: 10/2023

Scara: 1:200 / 1:100
Scale: 1:200 / 1:100

Cod desen 22579-C17-SF-1-LA-3-3-DG-SN, 2.03/R00
Drawing number: