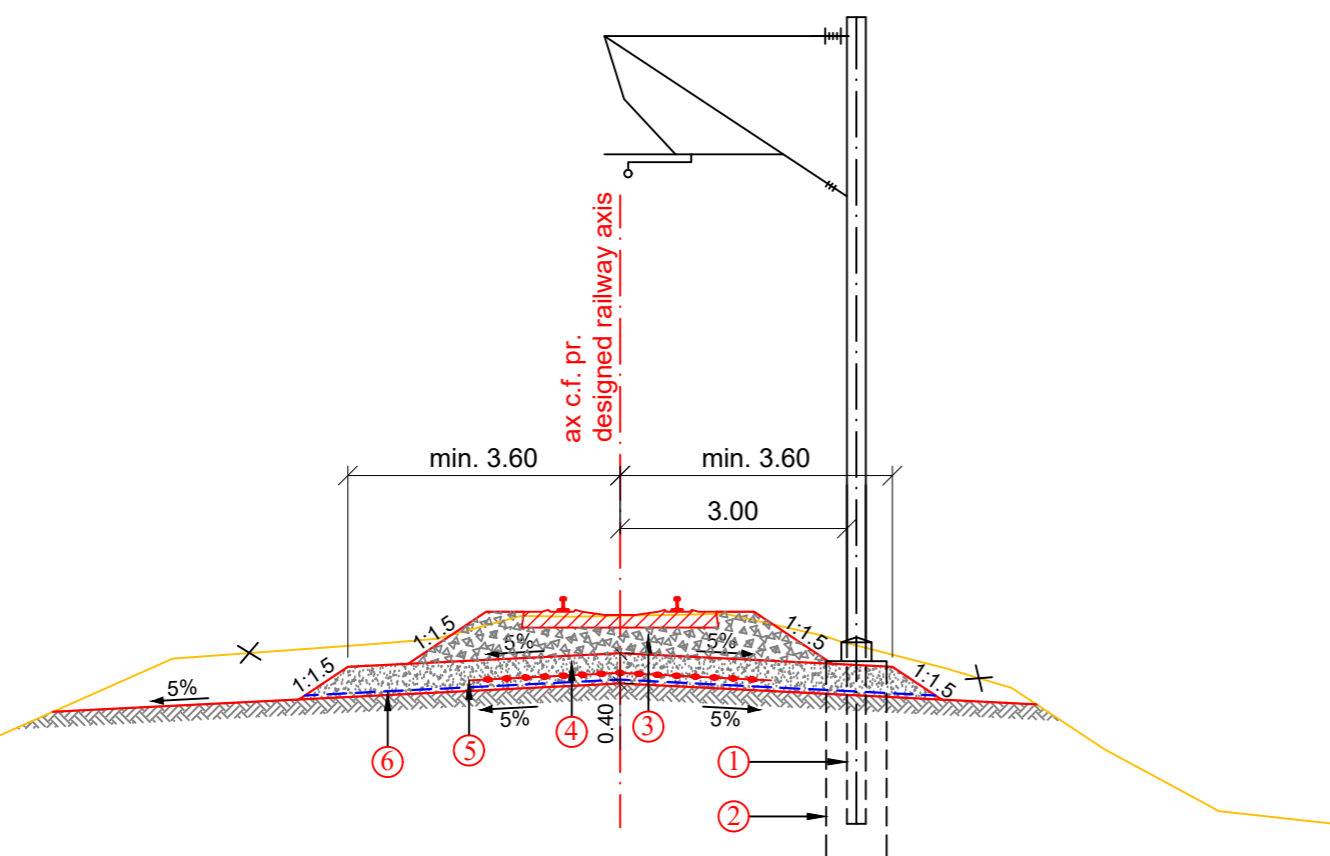


PROFIL TRANSVERSAL TIP CALE SIMPLA, ZONELE CU MIC RAMBLEU  
 TYPICAL CROSS PROFILE FOR SINGLE TRACK, AREAS WITH SMALL EMBANKMENT  
 SCARA / SCALE 1:100



INTERVALE KILOMETRICE / KILOMETER INTERVALS

DROBETA TURNU SEVERIN EST- DROBETA TURNU SEVERIN

km 359+400.00 - km 359+691.00

km 359+773.00 - km 359+845.00

DROBETA TURNU SEVERIN - GURA VĂII

km 369+450.00 - km 369+550.00

TOPLET - BAILE HERCULANE

km 398+550.00 - km 398+650.00

km 398+750.00 - km 398+850.00

km 401+150.00 - km 401+250.00

TEREGOVA - ARMENIS

km 443+450.00 - km 443+480.00

km 447+272.00 - km 447+350.00

ARMENIS -SLATINA TIMIS

km 449+550.00 - km 449+650.00

km 452+950.00 - km 452+970.00

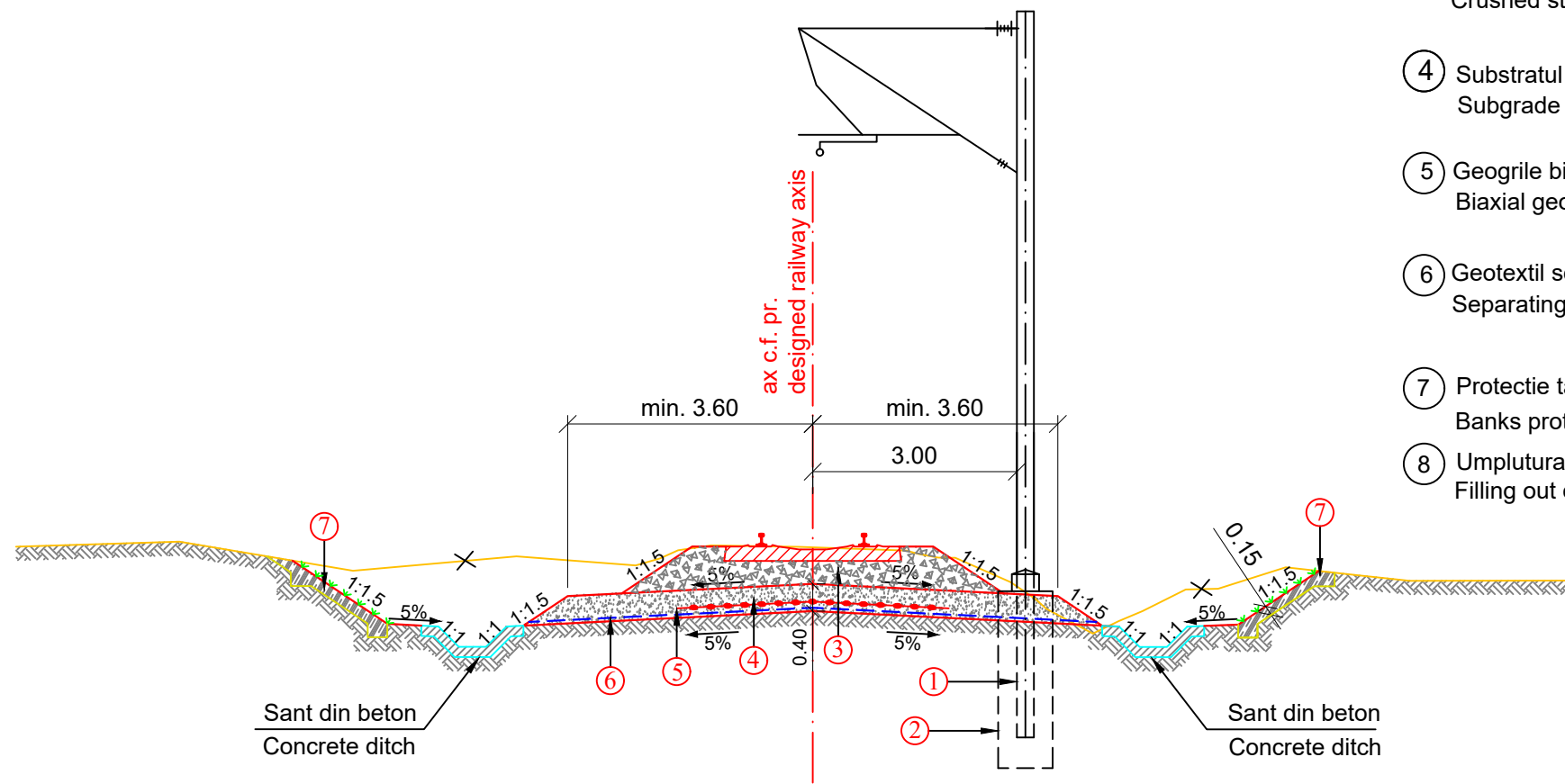
km 453+250.00 - km 453+270.00

LEGENDA/LEGEND

- ① Stalp electrificare  
Electrification pole
- ② Fundatie stalp electrificare  
Electrification pole foundation
- ③ Piatra sparta  
Crushed stone
- ④ Substratul caii  
Subgrade
- ⑤ Geogridurile biaxiale  
Biaxial geogrids
- ⑥ Geotextil separatie  
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal  
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv  
Filling out of non-cohesive material

<b>CLIENT / CLIENT</b> C.N.C.F. "C.F.R." - S.A.																			
<b>CONSULTANT / CONSULTANT</b>																			
<i>Faza</i> Phase	<i>Positia</i> Position	<i>Nume</i> Name	<i>Data</i> Date	<i>Semnatura</i> Signature															
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020																
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020																
Întocmit Elaborated	Proiectant Designer	Doina ZINCULESCU	09.2020																
<b>SUBCONSULTANT / SUBCONSULTANT</b>																			
Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible																		
Întocmit Elaborated	Proiectant Designer																		
<i>Studiu de Fezabilitate pentru Reabilitarea liniei feroviare Craiova - Drobeta Turnu Severin - Caransebes, parte a Coridorului Orient/Est Mediteranean - Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes</i>				<i>Proiect/Project</i> 74 / 2018 <i>Faza/Phase</i> S.F.															
<b>Denumire / Title :</b>																			
PROFIL TRANSVERSAL TIP CALE SIMPLA, ZONELE CU MIC RAMBLEU TYPICAL CROSS PROFILE FOR SINGLE TRACK, AREAS WITH SMALL EMBANKMENT																			
<b>Codificare / Codification System</b>																			
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<b>Istoricul reviziilor / Revision History</b>																			
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PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION  
DEBLEU, CALE SIMPLA CU SANTURI BETON  
CUTTING, SINGLE TRACK WITH CONCRETE DITCHES  
SCARA / SCALE 1:100



INTERVALE KILOMETRICE / KILOMETER INTERVALS

DROBETA TR. SEVERIN EST- DROBETA TR. SEVERIN

km 362+250.00 - km 362+450.00

DROBETA TURNU SEVERIN - GURA VĂII

km 368+350.00 - km 368+550.00

km 368+750.00 - km 368+850.00

ORSOVA - VALEA CERNEI

km 387+974.00 - km 388+115.00

km 390+550.00 - km 390+650.00

km 391+050.00 - km 391+750.00

km 392+250.00 - km 392+500.00

VALEA CERNEI - TOPLET

km 393+650.00 - km 395+850.00

km 396+150.00 - km 396+250.00

km 396+350.00 - km 396+450.00

km 397+050.00 - km 397+150.00

km 397+280.00 - km 397+300.00

km 397+325.00 - km 397+400.00

TOPLET - BAILE HERCULANE

km 398+515.00 - km 398+550.00

km 399+250.00 - km 399+320.00

km 399+610.00 - km 399+650.00

km 400+450.00 - km 400+850.00

km 402+150.00 - km 402+550.00

km 403+450.00 - km 403+750.00

BAILE HERCULANE - MEHADIA NOUA

km 405+280.00 - km 406+150.00

MEHADIA VECHIE - IABLANITA

km 413+373.00 - km 413+450.00

km 413+696.00 - km 413+880.00

km 414+061.00 - km 414+091.00

km 414+266.00 - km 414+280.00

km 414+950.00 - km 415+050.00

TEREGOVA - ARMENIS

km 443+480.00 - km 443+550.00

km 445+650.00 - km 445+820.00

km 447+150.00 - km 447+193.00

ARMENIS - SLATINA TIMIS

km 449+270.00 - km 449+450.00

km 450+350.00 - km 450+500.00

km 452+850.00 - km 452+950.00

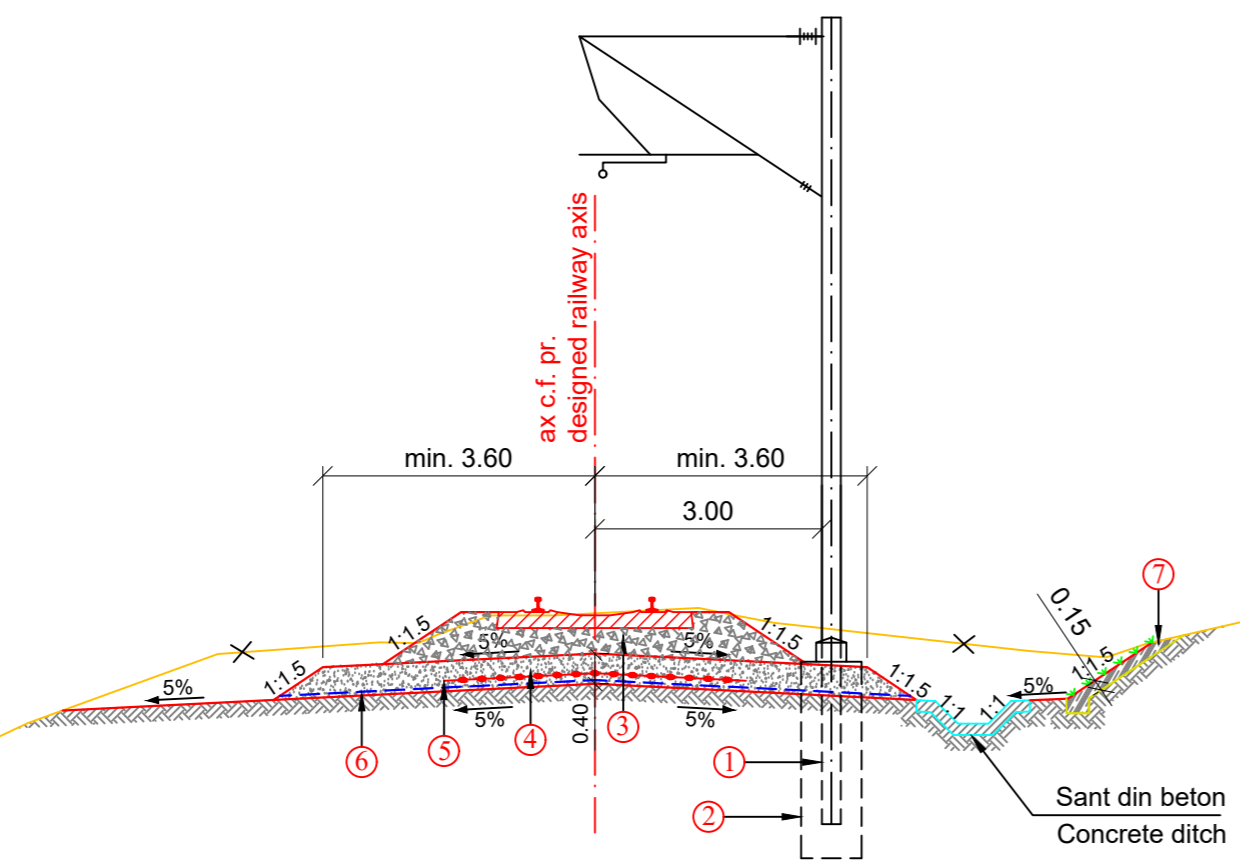
km 453+270.00 - km 453+310.00

LEGENDA/LEGEND

- ① Stalp electrificare  
Electrification pole
- ② Fundatie stalp electrificare  
Electrification pole foundation
- ③ Piatra sparta  
Crushed stone
- ④ Substratul caii  
Subgrade
- ⑤ Geogriile biaxiale  
Biaxial geogrids
- ⑥ Geotextil separatie  
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal  
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv  
Filling out of non-cohesive material

<b>CLIENT / CLIENT</b> C.N.C.F. "C.F.R." - S.A.				
<b>CONSULTANT / CONSULTANT</b>				
<b>CONSULTANT / CONSULTANT</b>				
<i>Faza</i> Phase	<i>Positia</i> Position	<i>Nume</i> Name	<i>Data</i> Date	<i>Semnatura</i> Signature
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020	
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020	
Întocmit Elaborated	Proiectant Designer	Doina ZINCULESCU	09.2020	
<b>SUBCONSULTANT / SUBCONSULTANT</b>				
Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible			
Întocmit Elaborated	Proiectant Designer			
<i>Studiu de Fezabilitate pentru Reabilitarea liniei feroviare Craiova - Drobeta Turnu Severin - Caransebes, parte a Coridorului Orient/Est Mediteranean - Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes</i>				<i>Proiect/Project</i> 74 / 2018 <i>Faza/Phase</i> S.F.
<b>Denumire / Title :</b> PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION DEBLEU, CALE SIMPLA CU SANTURI BETON CUTTING, SINGLE TRACK WITH CONCRETE DITCHES				
<i>Codificare / Codification System</i> E 2 1 8 0 S F 0 0 W A T R X 0 0 0 3 4 1				
<i>Istoricul reviziilor / Revision History</i>				
<i>Rev.</i>	<i>Data/Date</i>	<i>Descriere Modificare / Modification description</i>		
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PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION  
 PROFIL MIXT, CALE SIMPLA CU SANT BETON DREAPTA  
 MIXED PROFILE, SINGLE TRACK WITH RIGHT-SIDE CONCRETE DITCH  
 SCARA / SCALE 1:100



LEGENDA/LEGEND

- ① Stalp electrificare  
Electrification pole
- ② Fundatie stalp electrificare  
Electrification pole foundation
- ③ Piatra sparta  
Crushed stone
- ④ Substratul caii  
Subgrade
- ⑤ Geogriile biaxiale  
Biaxial geogrids
- ⑥ Geotextil separatie  
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal  
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv  
Filling out of non-cohesive material

INTERVALE KILOMETRICE / KILOMETER INTERVALS  
 DROBETA TURNU SEVERIN EST- DROBETA TURNU SEVERIN

km 360+700.00 - km 360+730.00



DROBETA TURNU SEVERIN - GURA VĂII


km 368+250.00 - km 368+350.00  
 km 369+550.00 - km 369+750.00  
 km 369+850.00 - km 370+150.00  
 km 370+250.00 - km 370+550.00  
 km 370+750.00 - km 370+850.00

GURA VAI - VARCIOROVA  
 km 372+450.00 - km 372+577.00




ORSOVA - VALEA CERNEI  
 km 389+650.00 - km 389+750.00

TEREGOVA - ARMENIS  
 km 446+550.00 - km 446+850.00



**CLIENT / CLIENT** C.N.C.F. "C.F.R." - S.A.

**CONSULTANT / CONSULTANT**

Faza / Phase	Positia / Position	Nume / Name	Data / Date	Semnatura / Signature
Aprobat / Approved	Manager de Proiect / Project Manager	Sergio MENICHINI	09.2020	
Verificat / Checked	Expert Cheie / Key Expert	Sergio MENICHINI	09.2020	
Întocmit / Elaborated	Proiectant / Designer	Doina ZINCULESCU	09.2020	

**SUBCONSULTANT / SUBCONSULTANT**

Aprobat / Approved	Responsabil Subconsultant / Subconsultant Responsible			
Întocmit / Elaborated	Proiectant / Designer			

**Studiu de Fezabilitate pentru Reabilitarea liniei feroviare Craiova - Drobeta Turnu Severin - Caransebes, parte a Coridorului Orient/Est Mediteranean - Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes**

Denumire / Title :  
 PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION  
 PROFIL MIXT, CALE SIMPLA CU SANT BETON DREAPTA  
 MIXED PROFILE, SINGLE TRACK WITH RIGHT-SIDE CONCRETE DITCH

Proiect/Project  
74 / 2018

Faza/Phase  
S.F.

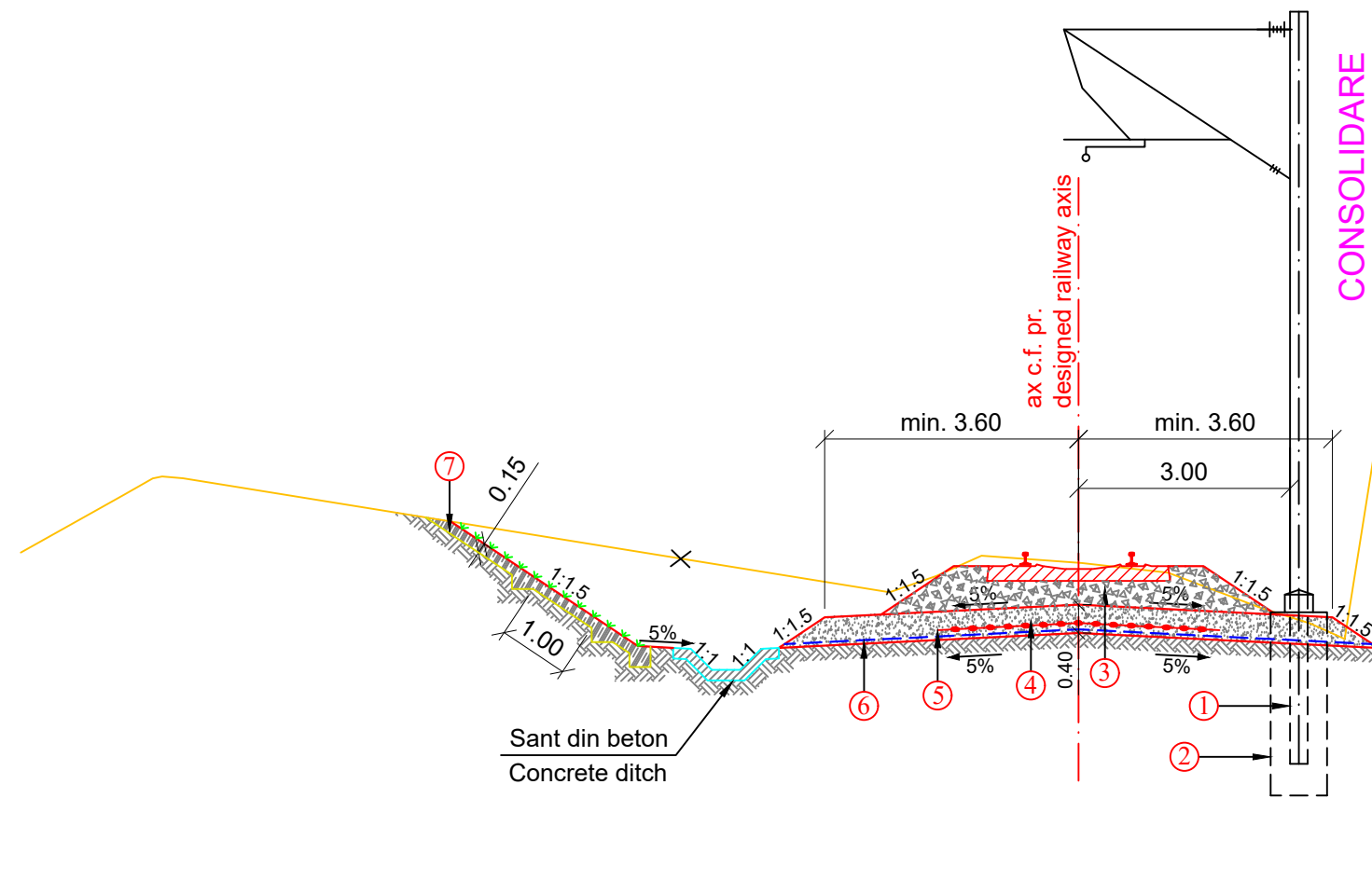
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PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION  
 DEBLEU, CALE SIMPLA CU SANT BETON STANGA SI CONSOLIDARE DREAPTA  
 FOR SINGLE TRACK, CUTTING WITH LEFT-SIDE CONCRETE DITCH AND RIGHT-SIDE CONSOLIDATION  
 SCARA / SCALE 1:100



INTERVALE KILOMETRICE / KILOMETER INTERVALS  
 DROBETA TURNU SEVERIN EST-DROBETA TURNU SEVERIN

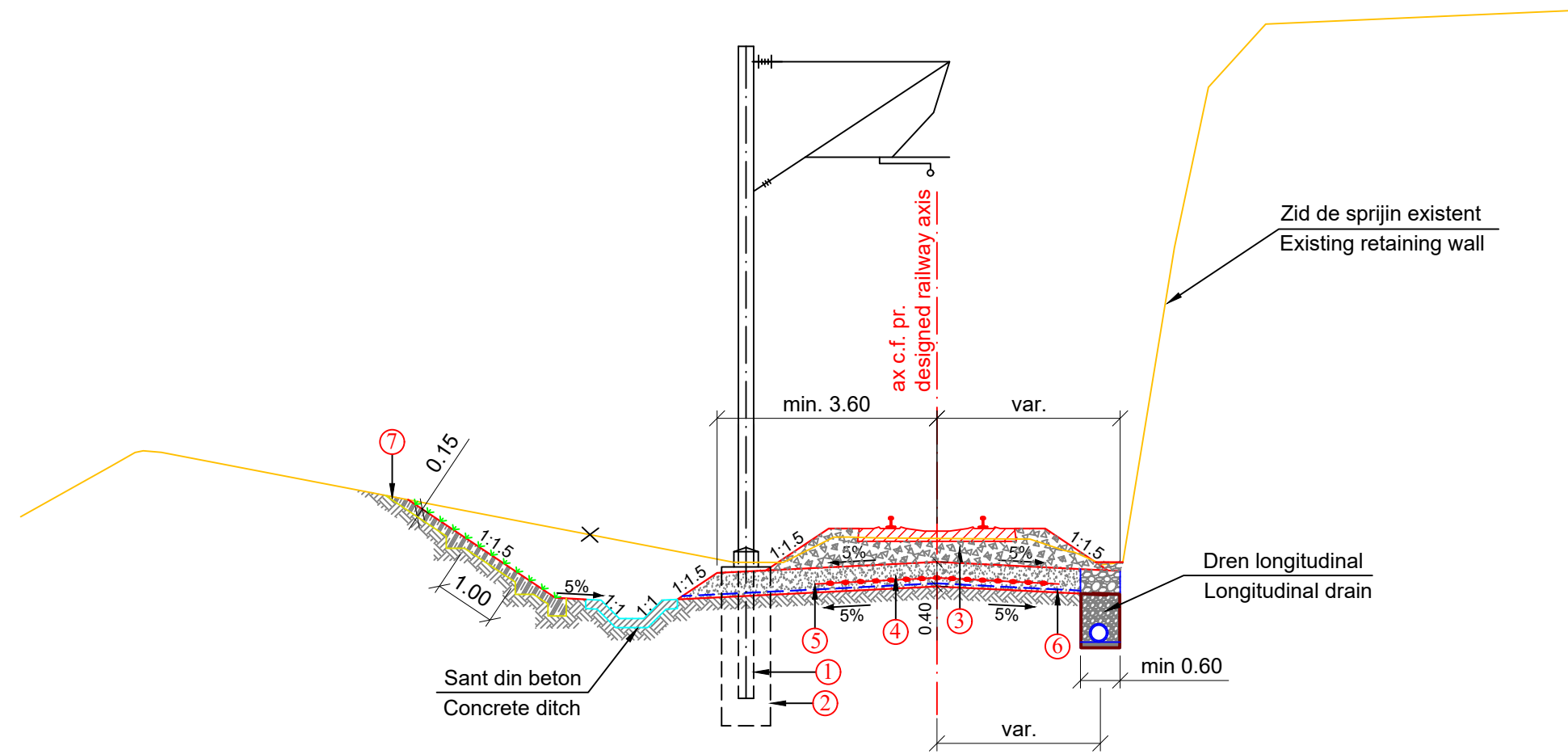
km 359+325.00 - km 359+400.00
ORSOVA - VALEA CERNEI
km 389+091.00 - km 389+150.00
km 390+650.00 - km 390+788.00
VALEA CERNEI - TOPLET
km 397+150.00 - km 397+280.00
MEHADIA VECHIE - IABLANITA
km 413+550.00 - km 413+639.00
km 414+091.00 - km 414+266.00

LEGENDA/LEGEND

- ① Stalp electrificare  
Electrification pole
- ② Fundatie stalp electrificare  
Electrification pole foundation
- ③ Piatra sparta  
Crushed stone
- ④ Substratul caii  
Subgrade
- ⑤ Geogriile biaxiale  
Biaxial geogrids
- ⑥ Geotextil separatie  
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal  
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv  
Filling out of non-cohesive material

<b>CLIENT / CLIENT</b> C.N.C.F. "C.F.R." - S.A.																							
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<b>Denumire / Title :</b> PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION DEBLEU, CALE SIMPLA CU SANT BETON STANGA SI CONSOLIDARE DREAPTA FOR SINGLE TRACK, CUTTING WITH LEFT-SIDE CONCRETE DITCH AND RIGHT-SIDE CONSOLIDATION																							
Codificare / Codification System <table style="margin: auto;"><tr><td>E</td><td>2</td><td>1</td><td>8</td><td>0</td><td>S</td><td>F</td><td>0</td><td>0</td><td>W</td><td>A</td><td>T</td><td>R</td><td>X</td><td>0</td><td>0</td><td>0</td><td>3</td><td>6</td><td>1</td></tr></table>				E	2	1	8	0	S	F	0	0	W	A	T	R	X	0	0	0	3	6	1
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PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION  
 DEBLEU, CALE SIMPLA CU SANT BETON STANGA SI CONSOLIDARE EXISTENTA DREAPTA  
 FOR SINGLE TRACK, CUTTING WITH LEFT-SIDE CONCRETE DITCH AND RIGHT-SIDE EXISTING CONSOLIDATION  
 SCARA / SCALE 1:100



INTERVALE KILOMETRICE / KILOMETER INTERVALS

ORSOVA - VALEA CERNEI  
 km 391+750.00 - km 391+850.00

DROBETA TURNU SEVERIN EST-DROBETA TURNU SEVERIN  
 km 361+550.00 - km 361+850.00

TEREGOVA - ARMENIS  
 km 446+201.00 - km 446+250.00  
 km 446+850.00 - km 447+150.00

LEGENDA/LEGEND

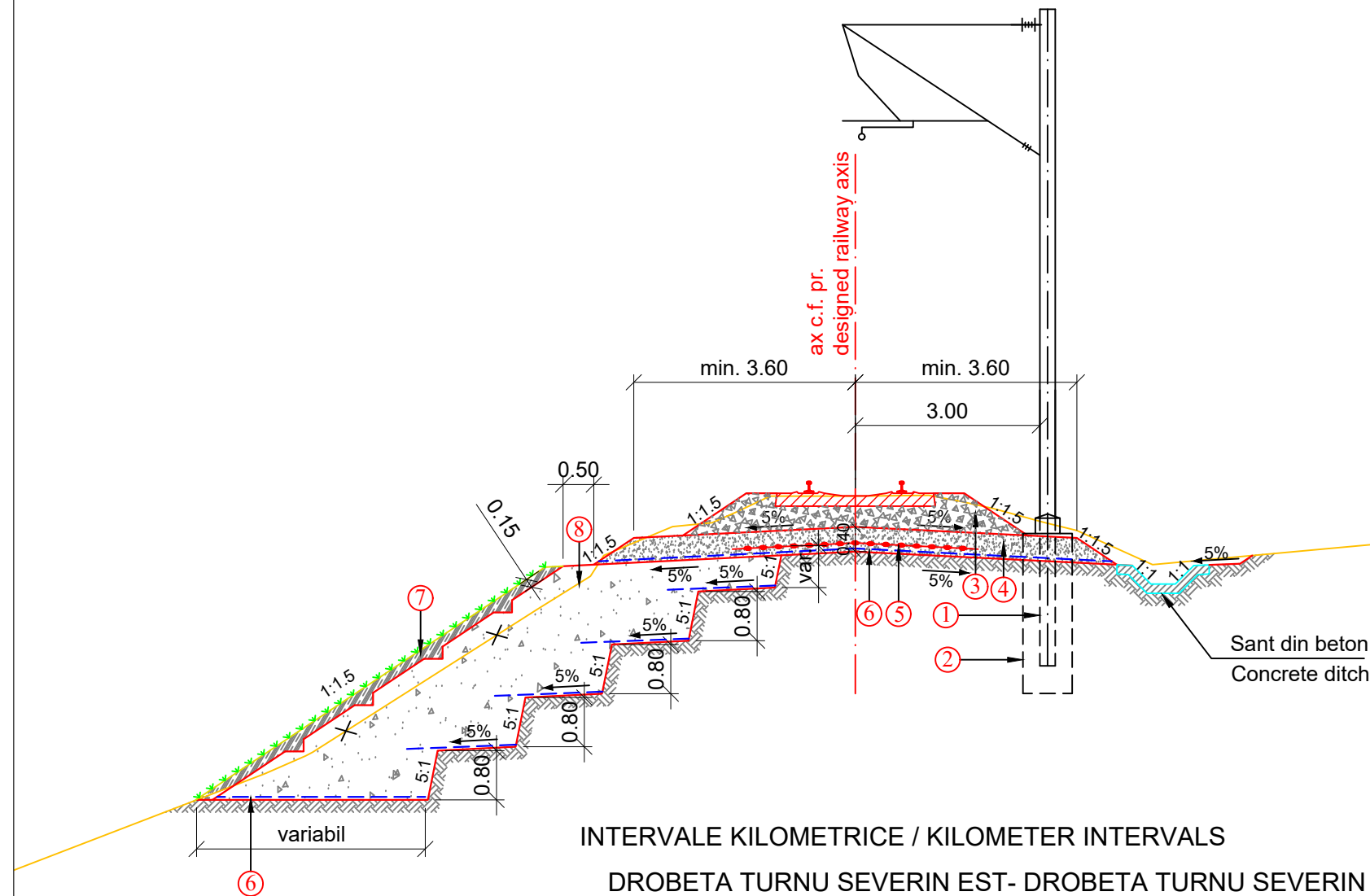
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Separating geotextile
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Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv  
Filling out of non-cohesive material

<b>CLIENT / CLIENT</b> C.N.C.F. "C.F.R." - S.A.																			
<b>CONSULTANT / CONSULTANT</b>																			
Faza Phase	Positia Position	Nume Name	Data Date	Semnatura Signature															
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020																
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Intocmit Elaborated	Proiectant Designer	Doina ZINCULESCU	09.2020																
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<b>Denumire / Title :</b>																			
PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION DEBLEU, CALE SIMPLA CU SANT BETON STANGA SI CONSOLIDARE EXISTENTA DREAPTA FOR SINGLE TRACK, CUTTING WITH LEFT-SIDE CONCRETE DITCH AND RIGHT-SIDE EXISTING CONSOLIDATION																			
<b>Codificare / Codification System</b>																			
E	2	1	8	0	S	F	0	0	W	A	T	R	X	0	0	0	3	6	1
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LEGENDA/LEGEND

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Electrification pole
- ② Fundatie stalp electrificare  
Electrification pole foundation
- ③ Piatra sparta  
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Filling out of non-cohesive material

PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION  
 PROFIL MIXT, CALE SIMPLA CU SANT BETON DREAPTA SI EXTINDERE STANGA  
 MIXED PROFILE, SINGLE TRACK WITH RIGHT-SIDE CONCRETE DITCH AND LEFT-SIDE EXTENSION  
 SCARA / SCALE 1:100



INTERVALE KILOMETRICE / KILOMETER INTERVALS

DROBETA TURNU SEVERIN EST- DROBETA TURNU SEVERIN

km 361+850.00 - km 362+070.00

DROBETA TURNU SEVERIN - GURA VĂII

km 370+150.00 - km 370+250.00

km 370+550.00 - km 370+750.00

km 370+850.00 - km 370+950.00

GURA VAI - VARCIOROVA

km 373+350.00 - km 373+450.00

TOPLET - BAILE HERCULANE

km 402+650.00 - km 403+250.00

MEHADIA VECHE - IABLANITA

km 414+280.00 - km 414+950.00

TEREGOVA - ARMENIS

km 442+820.00 - km 442+850.00



CLIENT / CLIENT **C.N.C.F. "C.F.R." - S.A.**

CONSULTANT / CONSULTANT

Faza Phase	Positia Position	Nume Name	Data Date	Semnatura Signature
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020	<i>[Signature]</i>
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020	<i>[Signature]</i>
Întocmit Elaborated	Proiectant Designer	Doina ZINCULESCU	09.2020	<i>[Signature]</i>

SUBCONSULTANT / SUBCONSULTANT				
Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible			
Întocmit Elaborated	Proiectant Designer			

**Studiu de Fezabilitate pentru Reabilitarea liniei feroviare Craiova - Drobeta Turnu Severin - Caransebes, parte a Coridorului Orient/Est Mediteranean - Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes**

Project/Project 74 / 2018  
Faza/Phase S.F.

Denumire / Title :  
 PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION  
 PROFIL MIXT, CALE SIMPLA CU SANT BETON DREAPTA SI EXTINDERE STANGA  
 MIXED PROFILE, SINGLE TRACK WITH RIGHT-SIDE CONCRETE DITCH AND LEFT-SIDE EXTENSION

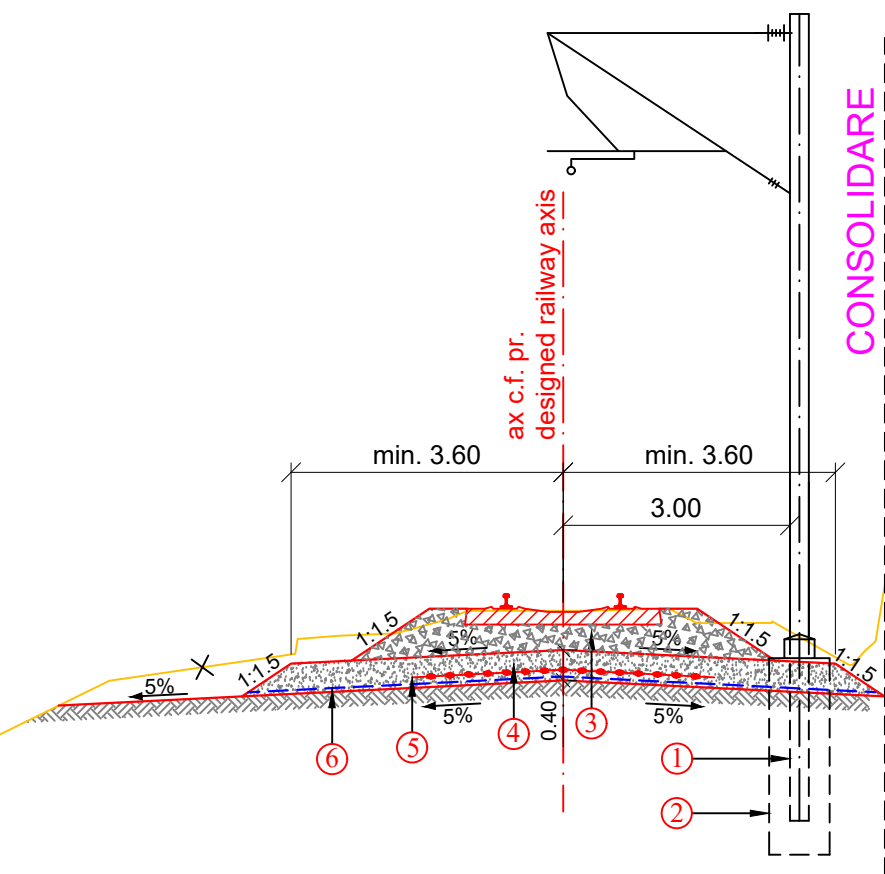
Codificare / Codification System  
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Istoricul reviziilor / Revision History

Rev.	Data/Date	Descriere Modificare / Modification description
1	09.2020	Modificari conform adresa nr.11/2/504/2020
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PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION  
 PROFIL MIXT, CALE SIMPLA CU CONSOLIDARE DREAPTA  
 MIXED PROFILE, SINGLE TRACK WITH RIGHT-SIDE CONSOLIDATION  
 SCARA / SCALE 1:100



LEGENDA/LEGEND

- ① Stalp electrificare  
Electrification pole
- ② Fundatie stalp electrificare  
Electrification pole foundation
- ③ Piatra sparta  
Crushed stone
- ④ Substratul caii  
Subgrade
- ⑤ Geogriile biaxiale  
Biaxial geogrids
- ⑥ Geotextil separatie  
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal  
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv  
Filling out of non-cohesive material

INTERVALE KILOMETRICE / KILOMETER INTERVALS

DROBETA TURNU SEVERIN - GURA VĂII

km 368+650.00 - km 368+750.00
km 369+050.00 - km 369+450.00
km 369+750.00 - km 369+850.00
km 370+950.00 - km 371+180.00

GURA VĂII - VARCIOROVA

km 372+312.00 - km 372+450.00
km 372+827.00 - km 373+350.00
km 373+450.00 - km 374+100.00
km 374+130.00 - km 374+856.00
km 375+000.00 - km 375+350.00
km 375+405.00 - km 375+783.00
km 375+866.00 - km 376+977.00
km 377+070.00 - km 378+053.00
km 378+176.00 - km 379+157.00
km 379+249.00 - km 379+300.00

VARCIOROVA - ORSOVA

km 380+618.00 - km 380+976.00
km 381+209.00 - km 381+378.00
km 381+575.00 - km 381+607.00
km 383+348.00 - km 383+620.00
km 383+689.00 - km 383+755.00
km 383+828.00 - km 384+100.00
km 385+504.00 - km 385+800.00

ORSOVA - VALEA CERNEI

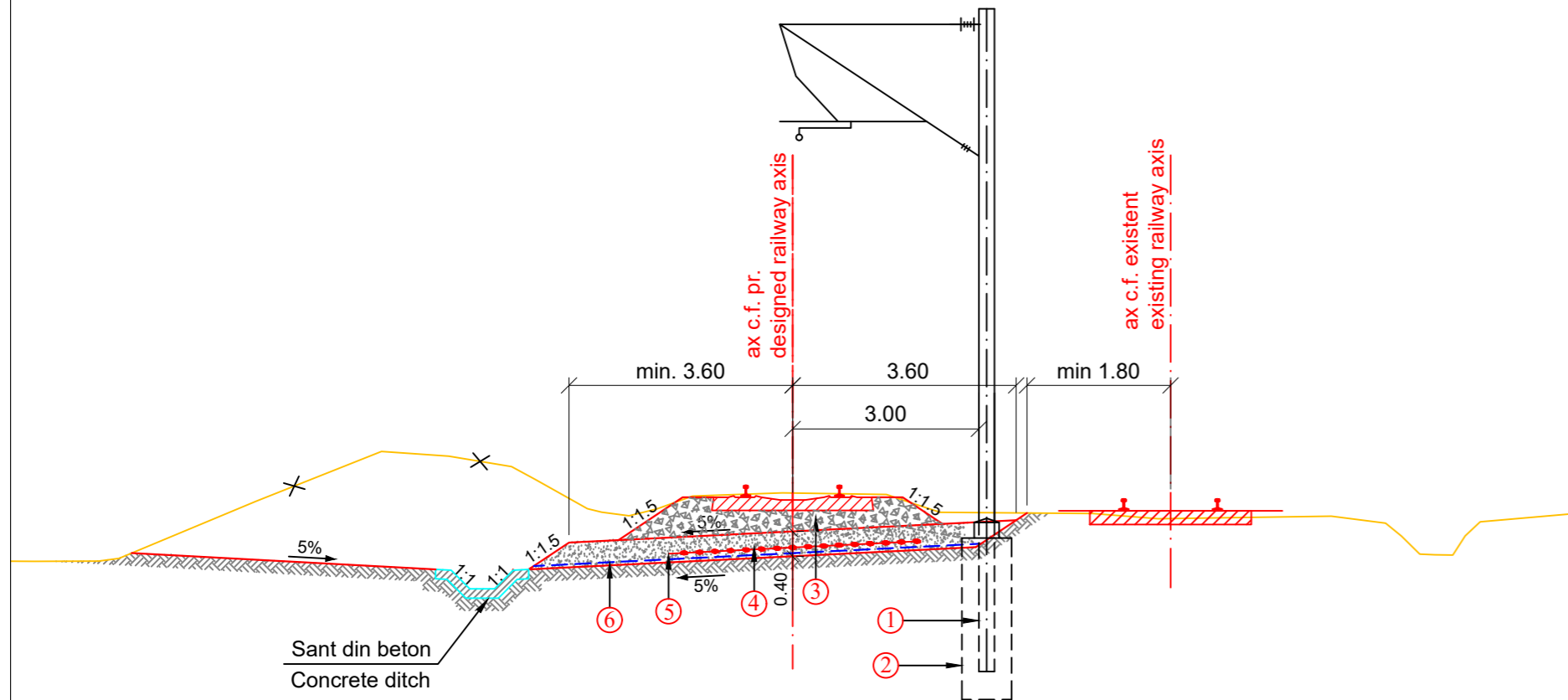
km 388+610.00 - km 388+797.00
km 388+942.00 - km 389+091.00

TEREGOVA - ARMENIS

km 446+250.00 - km 446+550.00
-------------------------------

<b>CLIENT / CLIENT</b> C.N.C.F. "C.F.R." - S.A.				
<b>CONSULTANT / CONSULTANT</b>				
<i>Faza</i> Phase	<i>Positia</i> Position	<i>Nume</i> Name	<i>Data</i> Date	<i>Semnatura</i> Signature
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020	
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020	
Întocmit Elaborated	Proiectant Designer	Doina ZINCULESCU	09.2020	
<b>SUBCONSULTANT / SUBCONSULTANT</b>				
Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible			
Întocmit Elaborated	Proiectant Designer			
<i>Studiu de Fezabilitate pentru Reabilitarea liniei feroviare Craiova - Drobeta Turnu Severin - Caransebes, parte a Coridorului Orient/Est Mediteranean - Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes</i>				<i>Proiect/Project</i> 74 / 2018 <i>Faza/Phase</i> S.F.
<b>Denumire / Title :</b> PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION PROFIL MIXT, CALE SIMPLA CU CONSOLIDARE DREAPTA MIXED PROFILE, SINGLE TRACK WITH RIGHT-SIDE CONSOLIDATION				
<b>Codificare / Codification System</b> E 2 1 8 0 S F 0 0 W A T R X 0 0 0 3 8 1				
<b>Istoricul reviziilor / Revision History</b>				
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PROFIL TRANSVERSAL TIP CALE SIMPLA  
 AFLAT LANGA LINIA EXISTENTA NEAFECTATA DE PROIECT  
 TYPICAL CROSS SECTION FOR SINGLE TRACK SITUATED NEAR THE EXISTING LINE  
 NOT AFFECTED BY THE PROJECT DESIGN  
 SCARA / SCALE 1:100



INTERVALE KILOMETRICE / KILOMETER INTERVALS

MEHADIA NOUA - MEHADIA VECHIE

km 407+300.00 - km 407+450.00

MEHADIA VECHIE - IABLANITA

km 409+200.00 - km 409+310.00

LEGENDA/LEGEND

- ① Stalp electrificare  
Electrification pole
- ② Fundatie stalp electrificare  
Electrification pole foundation
- ③ Piatra sparta  
Crushed stone
- ④ Substratul caii  
Subgrade
- ⑤ Geogriile biaxiale  
Biaxial geogrids
- ⑥ Geotextil separatie  
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal  
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv  
Filling out of non-cohesive material



CLIENT / CLIENT

C.N.C.F. "C.F.R." - S.A.



CONSULTANT / CONSULTANT

Faza Phase	Positia Position	Nume Name	Data Date	Semnatura Signature
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020	
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020	
Intocmit Elaborated	Proiectant Designer	Doina ZINCULESCU	09.2020	

SUBCONSULTANT / SUBCONSULTANT

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible			
Intocmit Elaborated	Proiectant Designer			

Studiu de Fezabilitate pentru Reabilitarea liniei feroviare  
 Craiova - Drobeta Turnu Severin - Caransebes,  
 parte a Coridorului Orient/Est Mediteranean -  
 Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes

Proiect/Project  
 74 / 2018  
 Faza/Phase  
 S.F.

Denumire / Title :

PROFIL TRANSVERSAL TIP CALE SIMPLA  
 AFLAT LANGA LINIA EXISTENTA NEAFECTATA DE PROIECT  
 TYPICAL CROSS SECTION FOR SINGLE TRACK SITUATED NEAR THE EXISTING LINE NOT  
 AFFECTED BY THE PROJECT DESIGN

Codificare / Codification System

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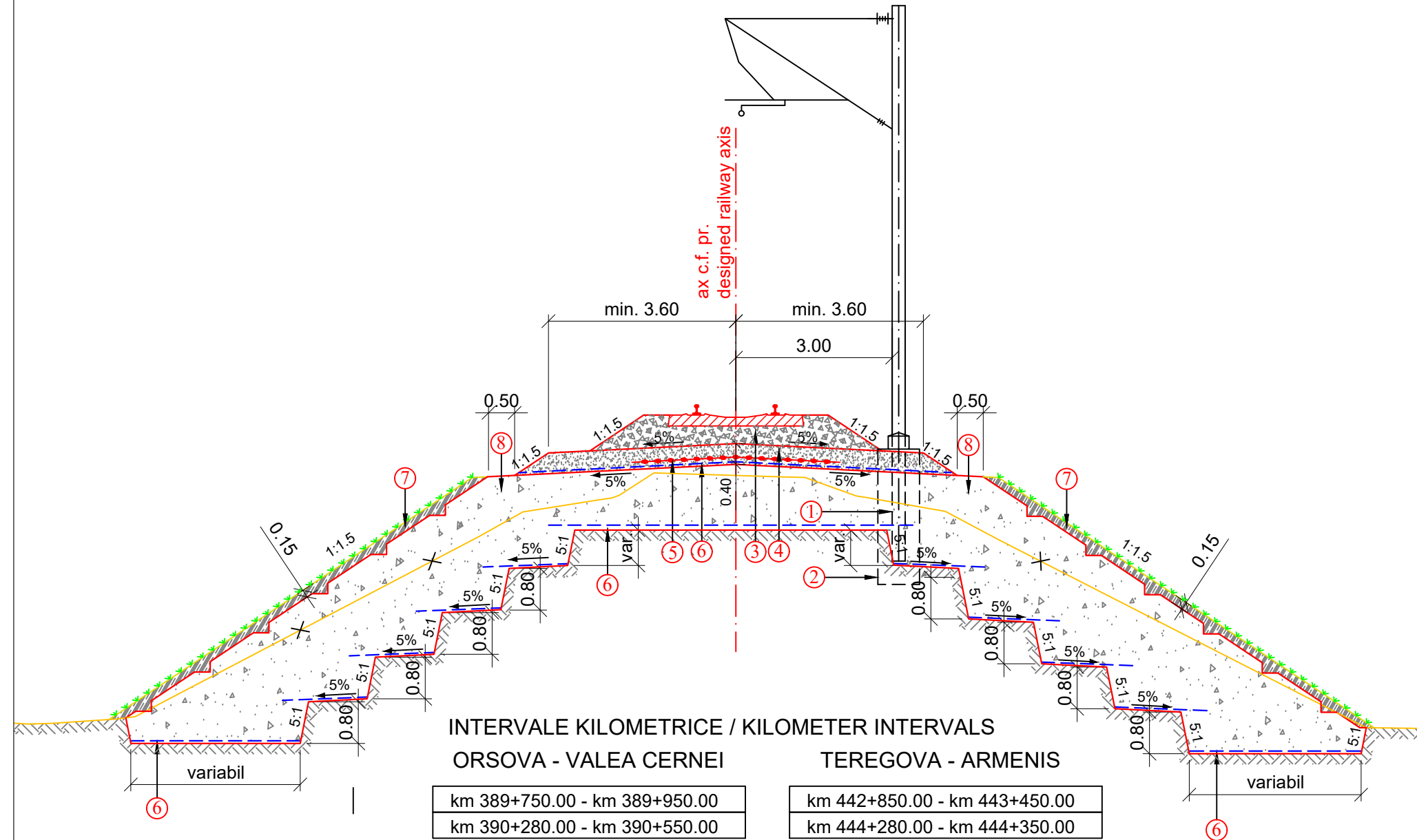
Istoricul reviziilor / Revision History

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PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION  
 RAMBLEU, CALE SIMPLA CU EXTINDERE PE AMBELE PARTI  
 FILLING, SINGLE TRACK WITH EXTENSIONS ON BOTH SIDES  
 SCARA / SCALE 1:100



INTERVALE KILOMETRICE / KILOMETER INTERVALS

ORSOVA - VALEA CERNEI

km 389+750.00 - km 389+950.00
km 390+280.00 - km 390+550.00

TOPLET - BAILE HERCULANE

km 398+850.00 - km 399+250.00
km 399+650.00 - km 399+695.00
km 399+706.00 - km 399+750.00
km 401+750.00 - km 402+150.00
km 402+550.00 - km 402+650.00
km 403+250.00 - km 403+450.00
km 403+750.00 - km 403+850.00
km 404+250.00 - km 404+350.00

TEREGOVA - ARMENIS

km 442+850.00 - km 443+450.00
km 444+280.00 - km 444+350.00

ARMENIS - SLATINA TIMIS

km 450+650.00 - km 450+750.00
-------------------------------

LEGENDA/LEGEND

- ① Stalp electrificare  
Electrification pole
- ② Fundatie stalp electrificare  
Electrification pole foundation
- ③ Piatra sparta  
Crushed stone
- ④ Substratul caii  
Subgrade
- ⑤ Geogriile biaxiale  
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Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv  
Filling out of non-cohesive material



CLIENT / CLIENT

C.N.C.F. "C.F.R." - S.A.



CONSULTANT / CONSULTANT

Faza Phase	Positia Position	Nume Name	Data Date	Semnatura Signature
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020	<i>[Signature]</i>
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020	<i>[Signature]</i>
Intocmit Elaborated	Proiectant Designer	Doina ZINCULESCU	09.2020	<i>[Signature]</i>

SUBCONSULTANT / SUBCONSULTANT

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible			
Intocmit Elaborated	Proiectant Designer			

Studiu de Fezabilitate pentru Reabilitarea liniei feroviare Craiova - Drobeta Turnu Severin - Caransebes, parte a Coridorului Orient/Est Mediteranean - Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes

Proiect/Project  
74 / 2018  
Faza/Phase  
S.F.

Denumire / Title :

PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION  
 RAMBLEU, CALE SIMPLA CU EXTINDERE PE AMBELE PARTI  
 FILLING, SINGLE TRACK WITH EXTENSIONS ON BOTH SIDES

Codificare / Codification System

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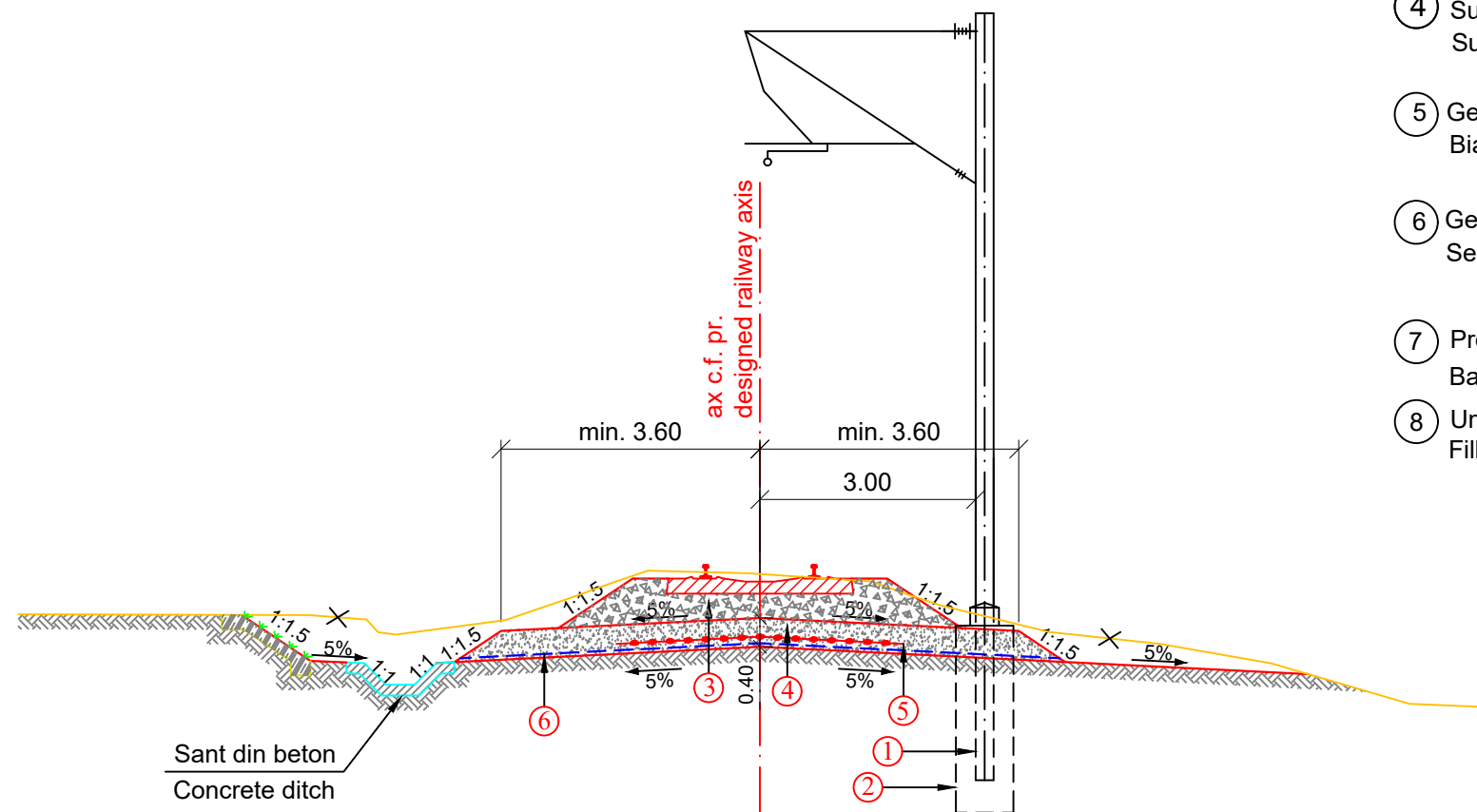
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PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION  
 PROFIL MIXT, CALE SIMPLA CU SANT BETON STANGA  
 MIXED PROFILE, SINGLE TRACK WITH LEFT-SIDE CONCRETE DITCH  
 SCARA / SCALE 1:100



INTERVALE KILOMETRICE / KILOMETER INTERVALS

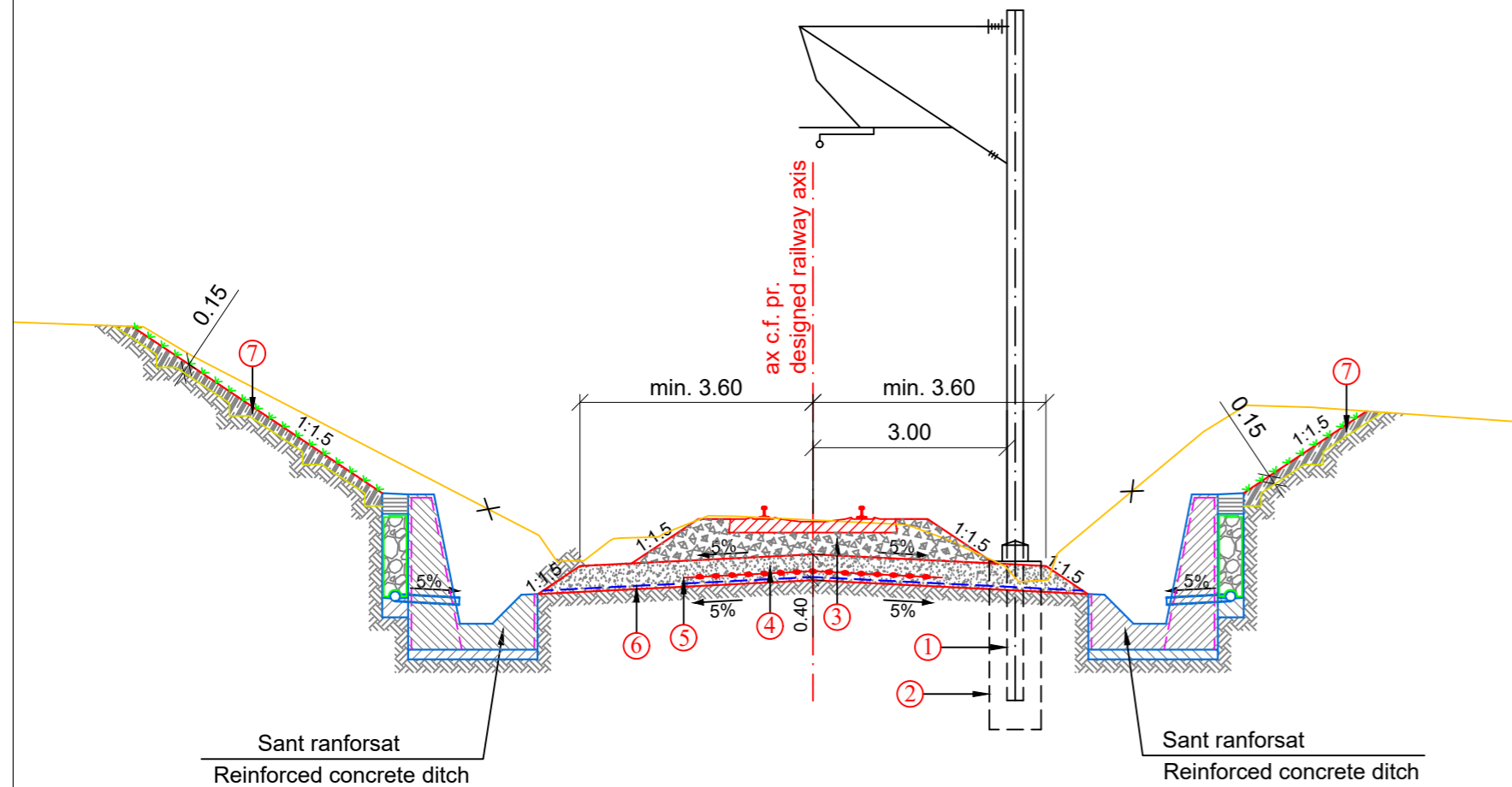
<b>TOPLET - BAILE HERCULANE</b>
km 404+150.00 - km 404+250.00
<b>MEHADIA VECHIE - MEHADIA NOUA</b>
km 408+540.00 - km 408+579.00
<b>TEREGOVA - ARMENIS</b>
km 444+250.00 - km 444+280.00
km 444+350.00 - km 444+450.00
<b>ARMENIS - SLATINA TIMIS</b>
km 448+460.00 - km 448+560.00
km 448+980.00 - km 449+270.00
km 449+450.00 - km 449+550.00
km 450+550.00 - km 450+650.00
km 450+750.00 - km 450+820.00
km 451+150.00 - km 451+850.00
km 451+950.00 - km 452+050.00

LEGENDA/LEGEND

- ① Stalp electrificare  
Electrification pole
- ② Fundatie stalp electrificare  
Electrification pole foundation
- ③ Piatra sparta  
Crushed stone
- ④ Substratul caii  
Subgrade
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- ⑦ Protectie taluz cu pamint vegetal  
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv  
Filling out of non-cohesive material

 <b>CLIENT / CLIENT</b> <b>C.N.C.F. "C.F.R." - S.A.</b>				
<b>CONSULTANT / CONSULTANT</b>				
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Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020	
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020	
Întocmit Elaborated	Proiectant Designer	Doina ZINCULESCU	09.2020	
<b>SUBCONSULTANT / SUBCONSULTANT</b>				
Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible			
Întocmit Elaborated	Proiectant Designer			
<b>Studiu de Fezabilitate pentru Reabilitarea liniei feroviare                  Craiova - Drobeta Turnu Severin - Caransebes,                  parte a Coridorului Orient/Est Mediteranean -                  Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes</b>				<i>Proiect/Project</i> 74 / 2018 <i>Faza/Phase</i> S.F.
<b>Denumire / Title :</b>				
PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION PROFIL MIXT, CALE SIMPLA CU SANT BETON STANGA MIXED PROFILE, SINGLE TRACK WITH LEFT-SIDE CONCRETE DITCH				
<b>Codificare / Codification System</b>				
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<b>Istoricul reviziilor / Revision History</b>				
<i>Rev.</i>	<i>Data/Date</i>	<i>Descriere Modificare / Modification description</i>		
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PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION  
 DEBLEU, CALE SIMPLA CU SANT RANFORSAT STANGA SI DREAPTA  
 CUTTING, SINGLE TRACK LEFT-SIDE AND RIGHT-SIDE REINFORCED DITCH  
 SCARA / SCALE 1:100



INTERVALE KILOMETRICE / KILOMETER INTERVALS

DROBETA TURNU SEVERIN - GURA VĂII

km 368+550.00 - km 368+650.00

TOPLET - BAILE HERCULANE

km 403+850.00 - km 403+950.00

TEREGOVA - ARMENIS

km 442+750.00 - km 442+820.00

km 443+550.00 - km 443+750.00

km 445+820.00 - km 445+850.00

ARMENIS - SLATINA TIMIS

km 452+350.00 - km 452+850.00

LEGENDA/LEGEND

- ① Stalp electrificare  
Electrification pole
- ② Fundatie stalp electrificare  
Electrification pole foundation
- ③ Piatra sparta  
Crushed stone
- ④ Substratul caii  
Subgrade
- ⑤ Geogriile biaxiale  
Biaxial geogrids
- ⑥ Geotextil separatie  
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal  
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv  
Filling out of non-cohesive material



CLIENT / CLIENT

C.N.C.F. "C.F.R." - S.A.



CONSULTANT / CONSULTANT

Faza Phase	Positia Position	Nume Name	Data Date	Semnatura Signature
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020	<i>[Signature]</i>
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020	<i>[Signature]</i>
Întocmit Elaborated	Proiectant Designer	Doina ZINCULESCU	09.2020	<i>[Signature]</i>

SUBCONSULTANT / SUBCONSULTANT

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible			
Întocmit Elaborated	Proiectant Designer			

Studiu de Fezabilitate pentru Reabilitarea liniei feroviare  
 Craiova - Drobeta Turnu Severin - Caransebes,  
 parte a Coridorului Orient/Est Mediteranean -  
 Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes

Proiect/Project  
74 / 2018  
Faza/Phase  
S.F.

Denumire / Title :

PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION  
 DEBLEU, CALE SIMPLA CU SANT RANFORSAT STANGA SI DREAPTA  
 CUTTING, SINGLE TRACK LEFT-SIDE AND RIGHT-SIDE REINFORCED DITCH

Codificare / Codification System

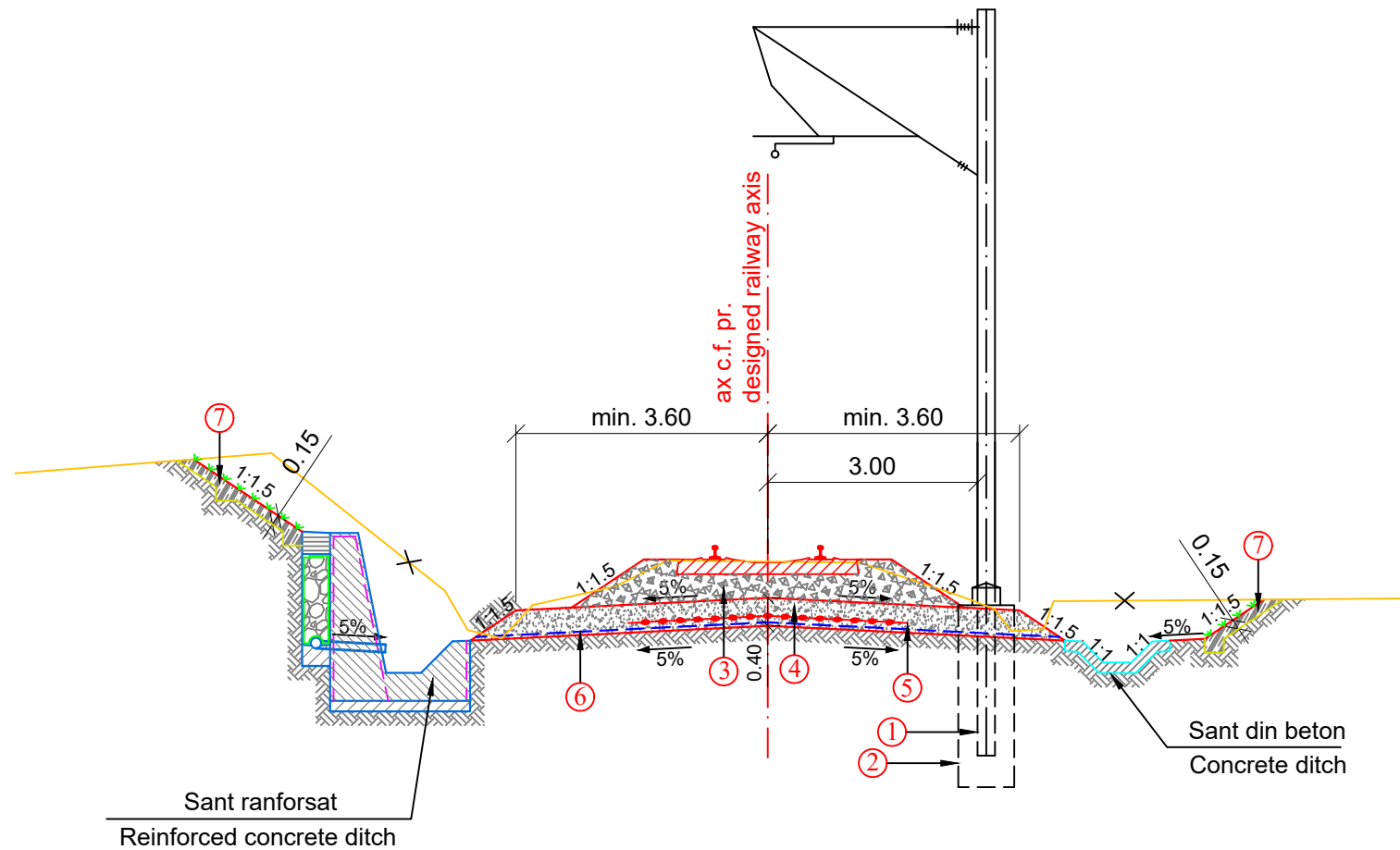
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PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION  
 DEBLEU, CALE SIMPLA CU SANT BETON DREAPTA SI SANT RANFORSAT STANGA  
 CUTTING, SINGLE TRACK WITH RIGHT-SIDE CONCRETE DITCH  
 AND LEFT-SIDE REINFORCED DITCH  
 SCARA / SCALE 1:100



INTERVALE KILOMETRICE / KILOMETER INTERVALS

TOPLET - BAILE HERCULANE

km 399+950.00 - km 400+050.00

MEHADIA NOUA - MEHADIA VECHIE

km 407+850.00 - km 407+950.00

km 408+350.00 - km 408+450.00

TEREGOVA - ARMENIS

km 443+850.00 - km 444+050.00

km 444+150.00 - km 444+250.00

km 444+750.00 - km 444+850.00

km 447+350.00 - km 447+430.00

ARMENIS - SLATINA TIMIS

km 452+050.00 - km 452+350.00

LEGENDA/LEGEND

- ① Stalp electrificare  
Electrification pole
- ② Fundatie stalp electrificare  
Electrification pole foundation
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Crushed stone
- ④ Substratul caii  
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Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal  
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv  
Filling out of non-cohesive material



CLIENT / CLIENT

C.N.C.F. "C.F.R." - S.A.



CONSULTANT / CONSULTANT

Faza Phase	Positia Position	Nume Name	Data Date	Semnatura Signature
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020	
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020	
Întocmit Elaborated	Proiectant Designer	Doina ZINCULESCU	09.2020	

SUBCONSULTANT / SUBCONSULTANT

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible			
Întocmit Elaborated	Proiectant Designer			

Studiu de Fezabilitate pentru Reabilitarea liniei feroviare  
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 Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes

Proiect/Project  
74 / 2018  
Faza/Phase  
S.F.

Denumire / Title :

PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION  
 DEBLEU, CALE SIMPLA CU SANT BETON DREAPTA SI SANT RANFORSAT STANGA  
 CUTTING, SINGLE TRACK WITH RIGHT-SIDE CONCRETE DITCH  
 AND LEFT-SIDE REINFORCED DITCH

Codificare / Codification System

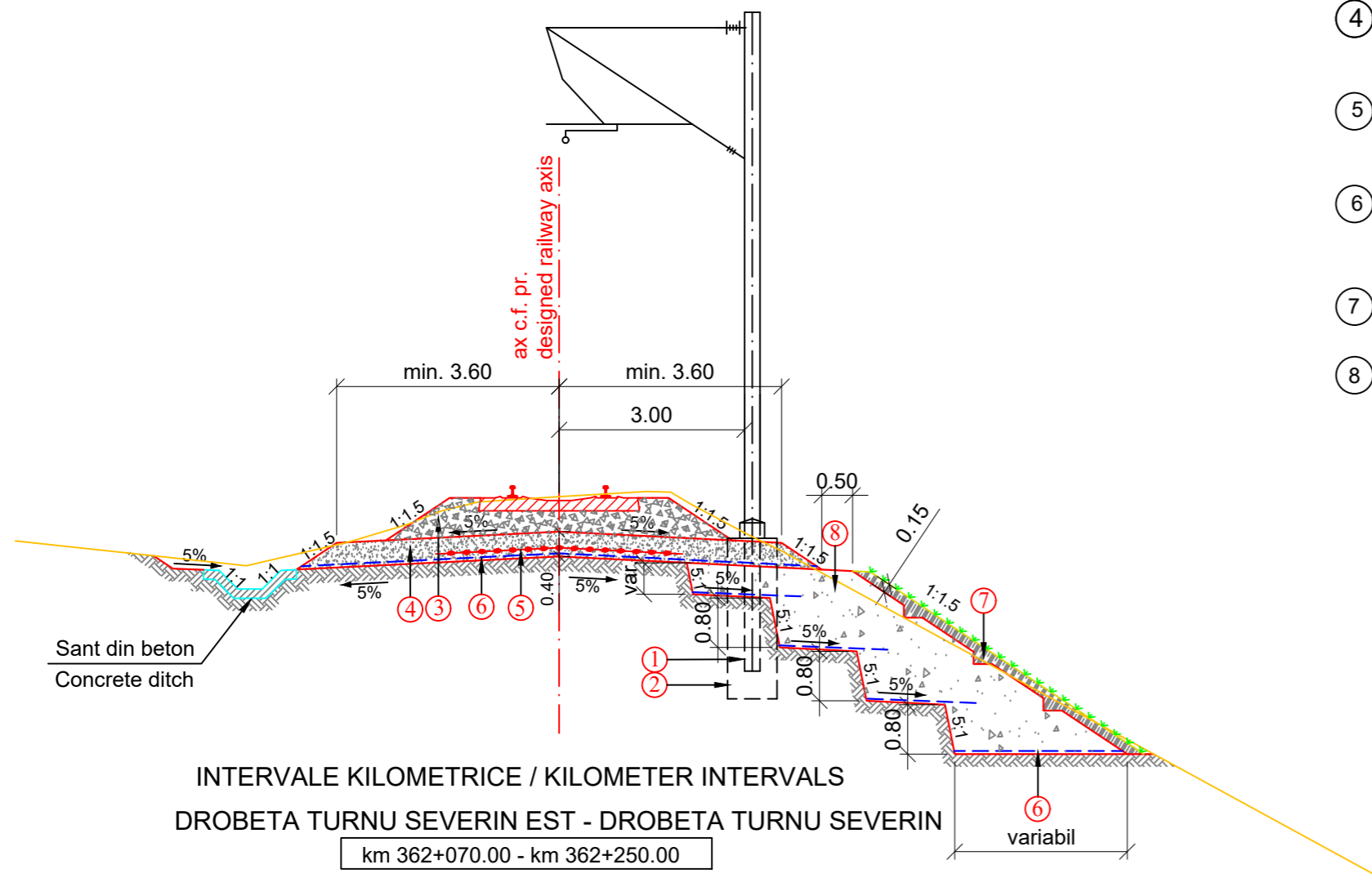
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PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION  
 RAMBLEU, CALE SIMPLA CU SANT STANGA SI EXTINDERE RAMBLEU DREAPTA  
 FILLING, SINGLE TRACK WITH LEFT-SIDE DITCH AND EXTENSION OF RIGHT-SIDE FILLING  
 SCARA / SCALE 1:100



INTERVALE KILOMETRICE / KILOMETER INTERVALS  
 DROBETA TURNU SEVERIN EST - DROBETA TURNU SEVERIN

km 362+070.00 - km 362+250.00
TOPLET - BAILE HERCULANE
km 400+250.00 - km 400+450.00
km 400+850.00 - km 401+150.00
km 401+350.00 - km 401+750.00
km 404+350.00 - km 404+390.00

MEHADIA NOUA - MEHADIA VECHIE

km 408+050.00 - km 408+250.00
-------------------------------

MEHADIA VECHIE - IABLANITA

km 412+150.00 - km 412+250.00
-------------------------------

TEREGOVA - ARMENIS

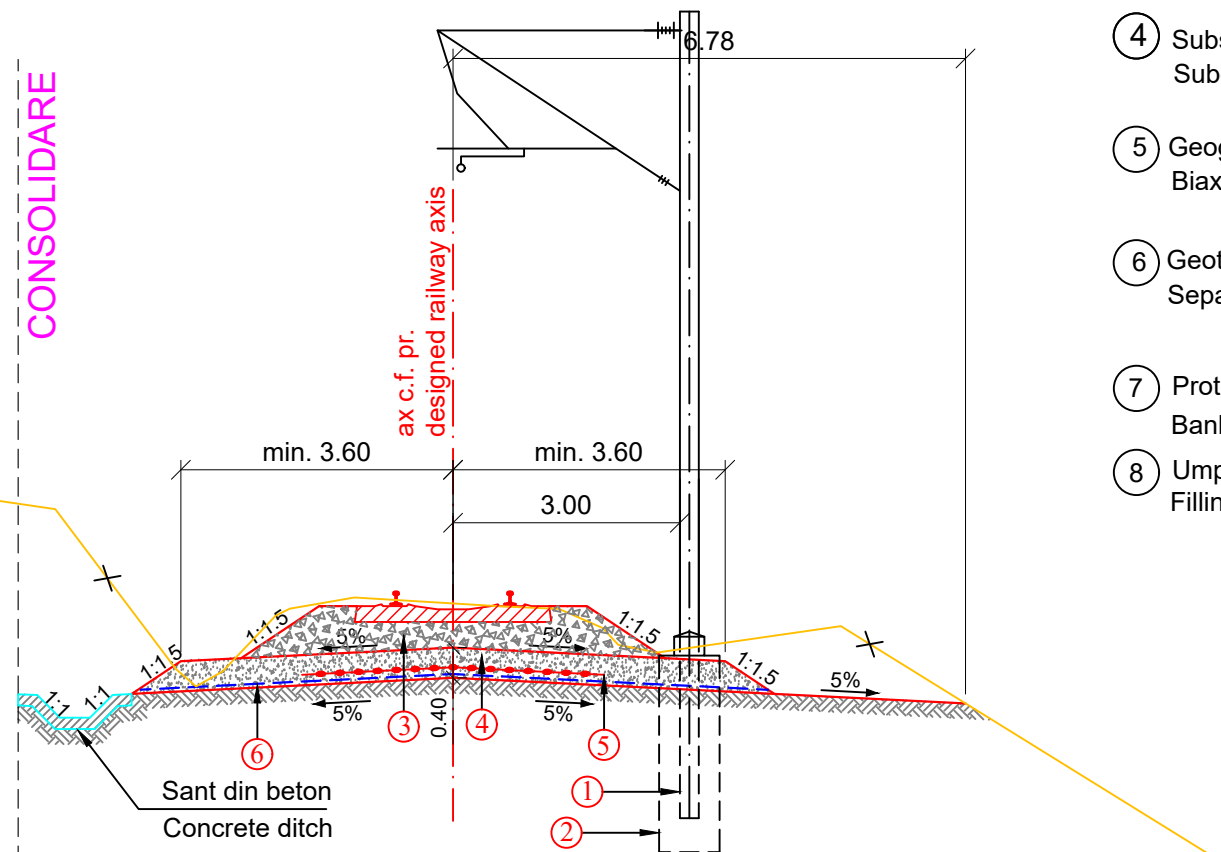
km 443+750.00 - km 443+850.00
km 444+050.00 - km 444+150.00

LEGENDA/LEGEND

- ① Stalp electrificare  
Electrification pole
- ② Fundatie stalp electrificare  
Electrification pole foundation
- ③ Piatra sparta  
Crushed stone
- ④ Substratul caii  
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Filling out of non-cohesive material

<b>CLIENT / CLIENT</b> C.N.C.F. "C.F.R." - S.A.																			
<b>CONSULTANT / CONSULTANT</b>																			
<i>Faza</i> Phase	<i>Positia</i> Position	<i>Nume</i> Name	<i>Data</i> Date	<i>Semnatura</i> Signature															
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020																
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020																
Întocmit Elaborated	Proiectant Designer	Doina ZINCULESCU	09.2020																
<b>SUBCONSULTANT / SUBCONSULTANT</b>																			
Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible																		
Întocmit Elaborated	Proiectant Designer																		
<i>Studiu de Fezabilitate pentru Reabilitarea liniei feroviare Craiova - Drobeta Turnu Severin - Caransebes, parte a Coridorului Orient/Est Mediteranean - Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes</i>				<i>Proiect/Project</i> 74 / 2018 <i>Faza/Phase</i> S.F.															
<b>Denumire / Title :</b>																			
PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION RAMBLEU, CALE SIMPLA CU SANT STANGA SI EXTINDERE RAMBLEU DREAPTA FILLING, SINGLE TRACK WITH LEFT-SIDE DITCH AND EXTENSION OF RIGHT-SIDE FILLING																			
<b>Codificare / Codification System</b>																			
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<b>Istoricul reviziilor / Revision History</b>																			
Rev.	Data/Date	Descriere Modificare / Modification description																	
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PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION  
 CALE SIMPLA CU CONSOLIDARE DEBLEU STANGA  
 SINGLE TRACK WITH CONSOLIDATION ON THE LEFT-SIDE OF CUTTING  
 SCARA / SCALE 1:100



INTERVALE KILOMETRICE / KILOMETER INTERVALS

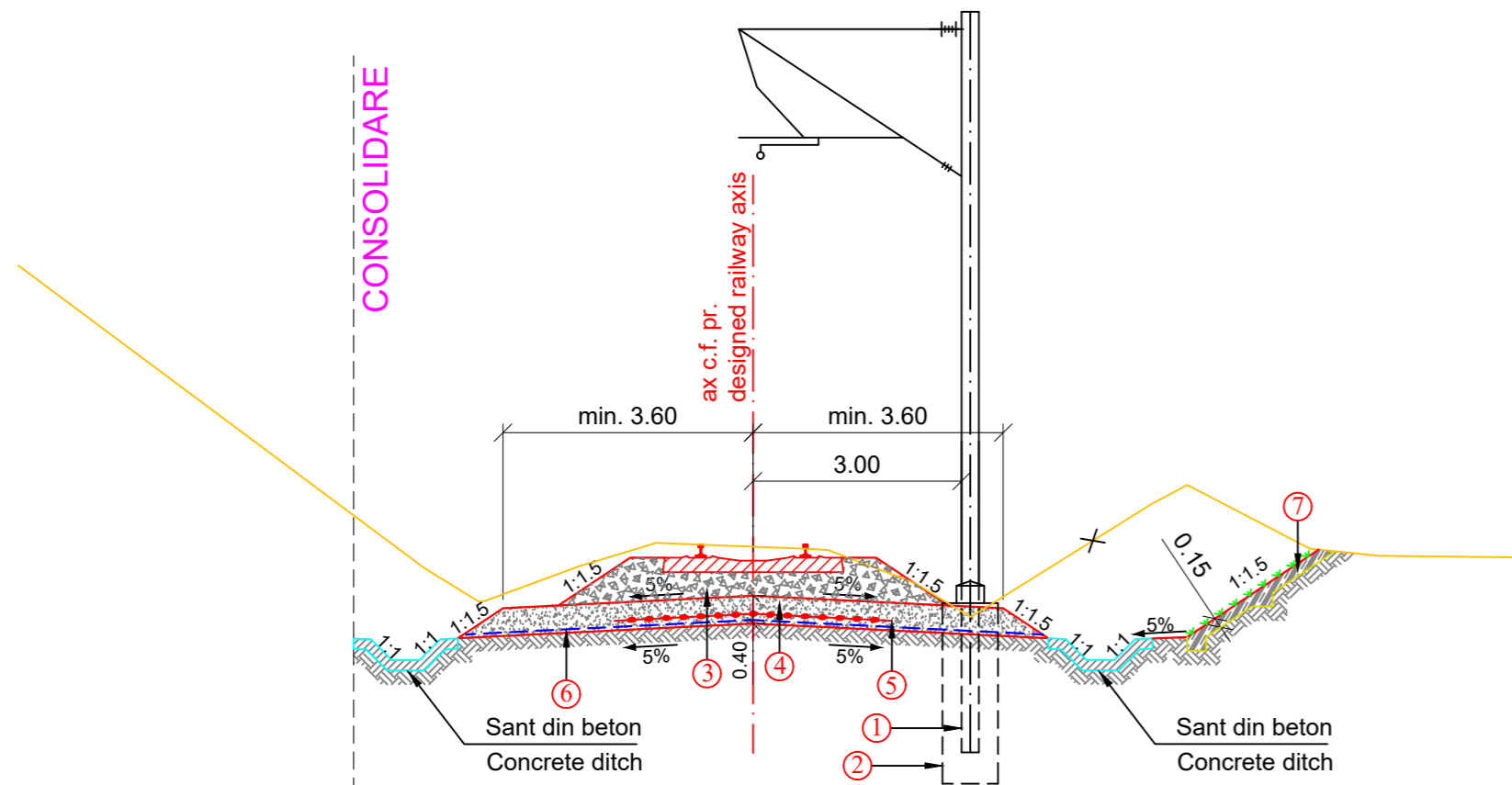
TOPLET - BAILE HERCULANE	km 404+390.00 - km 404+570.00
MEHADIA NOUA - MEHADIA VECHIE	km 408+450.00 - km 408+540.00
TEREGOVA - ARMENIS	km 445+250.00 - km 445+550.00
ARMENIS - SLATINA TIMIS	km 448+560.00 - km 448+850.00
	km 450+820.00 - km 450+950.00

LEGENDA/LEGEND

- ① Stalp electrificare  
Electrification pole
- ② Fundatie stalp electrificare  
Electrification pole foundation
- ③ Piatra sparta  
Crushed stone
- ④ Substratul caii  
Subgrade
- ⑤ Geogriile biaxiale  
Biaxial geogrids
- ⑥ Geotextil separatie  
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal  
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv  
Filling out of non-cohesive material

<b>CLIENT / CLIENT</b> C.N.C.F. "C.F.R." - S.A.				
<b>CONSULTANT / CONSULTANT</b>				
Faza Phase	Positia Position	Nume Name	Data Date	Semnatura Signature
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020	
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020	
Întocmit Elaborated	Proiectant Designer	Doina ZINCULESCU	09.2020	
<b>SUBCONSULTANT / SUBCONSULTANT</b>				
Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible			
Întocmit Elaborated	Proiectant Designer			
<b>Studiu de Fezabilitate pentru Reabilitarea liniei feroviare                  Craiova - Drobeta Turnu Severin - Caransebes,                  parte a Coridorului Orient/Est Mediteranean -                  Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes</b>				Proiect/Project 74 / 2018 Faza/Phase S.F.
Denumire / Title :				
PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION CALE SIMPLA CU CONSOLIDARE DEBLEU STANGA SINGLE TRACK WITH CONSOLIDATION ON THE LEFT-SIDE OF CUTTING				
Codificare / Codification System				
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PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION  
 DEBLEU, CALE SIMPLA CU CONSOLIDARE STANGA SI SANT DREAPTA  
 CUTTING, SINGLE TRACK WITH LEFT-SIDE CONSOLIDATION AND RIGHT-SIDE DITCH  
 SCARA / SCALE 1:100



INTERVALE KILOMETRICE / KILOMETER INTERVALS

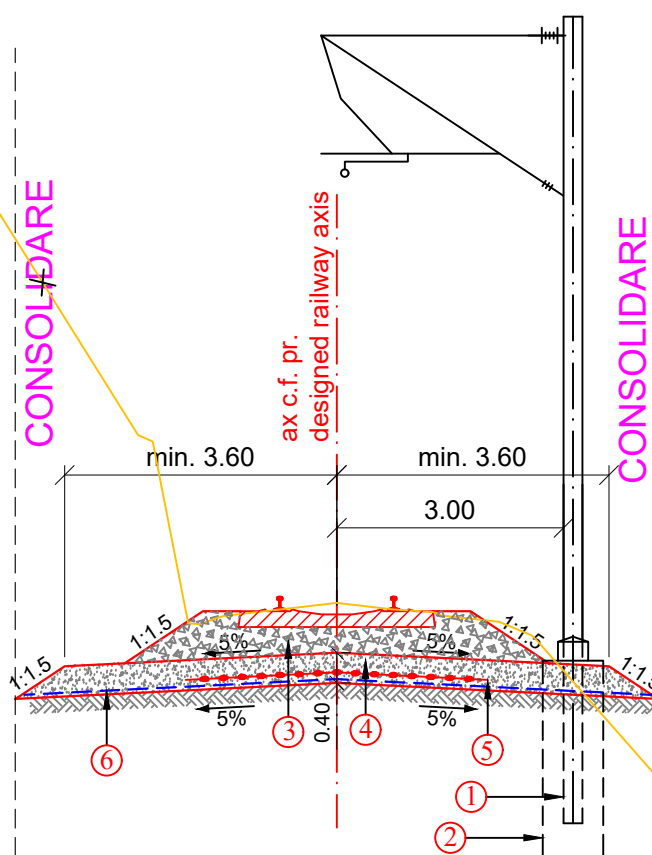
<b>ORSOVA - VALEA CERNEI</b>	<b>TEREGOVA - ARMENIS</b>
km 389+350.00 - km 389+450.00	km 445+550.00 - km 445+650.00
km 391+950.00 - km 392+150.00	
<b>VALEA CERNEI - TOPLET</b>	<b>ARMENIS - SLATINA TIMIS</b>
km 396+250.00 - km 396+350.00	km 448+850.00 - km 448+880.00
<b>TOPLET - BAILE HERCULANE</b>	km 448+950.00 - km 448+980.00
km 399+320.00 - km 399+610.00	km 449+650.00 - km 449+957.00
km 399+750.00 - km 399+950.00	km 450+950.00 - km 451+150.00
<b>BAILE HERCULANE - MEHADIA NOUA</b>	km 451+850.00 - km 451+950.00
km 405+020.00 - km 405+110.00	
<b>MEHADIA VECHIE- IABLANITA</b>	
km 412+250.00 - km 412+827.00	
km 413+880.00 - km 414+009.00	

LEGENDA/LEGEND

- ① Stalp electrificare  
Electrification pole
- ② Fundatie stalp electrificare  
Electrification pole foundation
- ③ Piatra sparta  
Crushed stone
- ④ Substratul caii  
Subgrade
- ⑤ Geogriile biaxiale  
Biaxial geogrids
- ⑥ Geotextil separatie  
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal  
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv  
Filling out of non-cohesive material

<b>CLIENT / CLIENT</b> C.N.C.F. "C.F.R." - S.A.				
<b>CONSULTANT / CONSULTANT</b>				
<b>CONSULTANT / CONSULTANT</b>				
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Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020	
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020	
Întocmit Elaborated	Proiectant Designer	Doina ZINCULESCU	09.2020	
<b>SUBCONSULTANT / SUBCONSULTANT</b>				
Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible			
Întocmit Elaborated	Proiectant Designer			
<b>Studiu de Fezabilitate pentru Reabilitarea liniei feroviare Craiova - Drobeta Turnu Severin - Caransebes, parte a Coridorului Orient/Est Mediteranean - Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes</b>				Proiect/Project 74 / 2018 Faza/Phase S.F.
<b>Denumire / Title :</b> PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION DEBLEU, CALE SIMPLA CU CONSOLIDARE STANGA SI SANT DREAPTA CUTTING, SINGLE TRACK WITH LEFT-SIDE CONSOLIDATION AND RIGHT-SIDE DITCH				
<b>Codificare / Codification System</b> E 2 1 8 0 S F 0 0 W A T R X 0 0 0 4 6 1				
<b>Istoricul reviziilor / Revision History</b>				
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PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION  
 PROFIL MIXT, CALE SIMPLA CU CONSOLIDARE STANGA SI DREAPTA  
 MIXED PROFILE, SINGLE TRACK WITH LEFT-SIDE AND RIGHT-SIDE CONSOLIDATION  
 SCARA / SCALE 1:100



INTERVALE KILOMETRICE / KILOMETER INTERVALS

VALEA CERNEI - TOPLET	
km 395+950.00 - km 396+150.00	
km 396+450.00 - km 397+050.00	
TEREGOVA - ARMENIS	
km 444+850.00 - km 445+250.00	
ARMENIS - SLATINA TIMIS	
km 448+360.00 - km 448+460.00	

LEGENDA/LEGEND

- ① Stalp electrificare  
Electrification pole
- ② Fundatie stalp electrificare  
Electrification pole foundation
- ③ Piatra sparta  
Crushed stone
- ④ Substratul caii  
Subgrade
- ⑤ Geogridurile biaxiale  
Biaxial geogrids
- ⑥ Geotextil separatie  
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal  
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv  
Filling out of non-cohesive material



CLIENT / CLIENT

C.N.C.F. "C.F.R." - S.A.



CONSULTANT / CONSULTANT

Faza Phase	Positia Position	Nume Name	Data Date	Semnatura Signature
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020	
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020	
Întocmit Elaborated	Proiectant Designer	Doina ZINCULESCU	09.2020	

SUBCONSULTANT / SUBCONSULTANT

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible			
Întocmit Elaborated	Proiectant Designer			

Studiu de Fezabilitate pentru Reabilitarea liniei feroviare  
 Craiova - Drobeta Turnu Severin - Caransebes,  
 parte a Coridorului Orient/Est Mediteranean -  
 Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes

Proiect/Project  
74 / 2018  
Faza/Phase  
S.F.

Denumire / Title :

PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION  
 PROFIL MIXT, CALE SIMPLA CU CONSOLIDARE STANGA SI DREAPTA  
 MIXED PROFILE, SINGLE TRACK WITH LEFT-SIDE AND RIGHT-SIDE CONSOLIDATION

Codificare / Codification System

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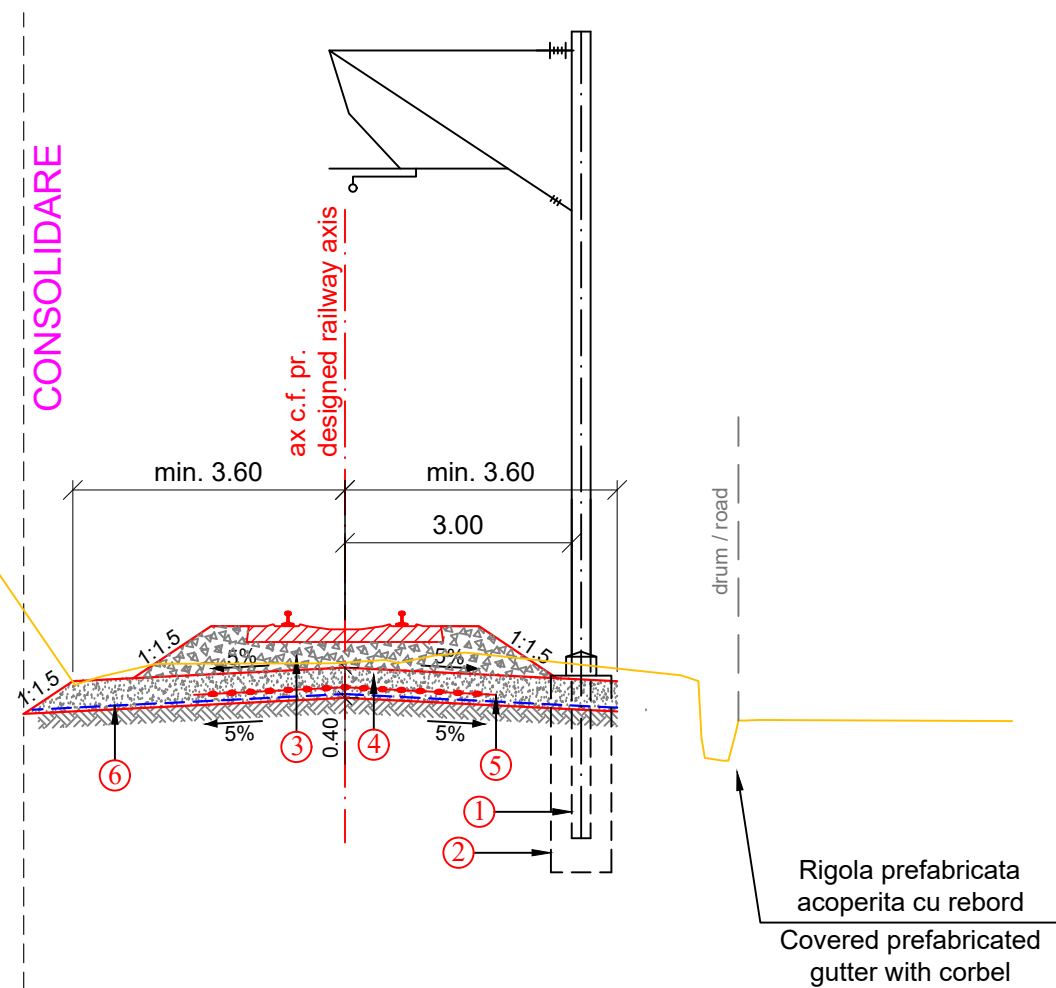
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PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION  
 PROFIL MIXT, CALE SIMPLA CU CONSOLIDARE STANGA SI  
 RIGOLA PREFABRICATA DREAPTA  
 MIXED PROFILE, SINGLE TRACK WITH LEFT-SIDE CONSOLIDATION AND  
 PREFABRICATED GUTTER ON RIGHT-SIDE  
 SCARA / SCALE 1:100



INTERVALE KILOMETRICE / KILOMETER INTERVALS  
 BAILE HERCULANE - MEHADIA NOUA  
 km 405+110.00 - km 405+280.00

LEGENDA/LEGEND

- ① Stalp electrificare  
Electrification pole
- ② Fundatie stalp electrificare  
Electrification pole foundation
- ③ Piatra sparta  
Crushed stone
- ④ Substratul caii  
Subgrade
- ⑤ Geogriile biaxiale  
Biaxial geogrids
- ⑥ Geotextil separatie  
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal  
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv  
Filling out of non-cohesive material



CLIENT / CLIENT

C.N.C.F. "C.F.R." - S.A.



CONSULTANT / CONSULTANT

Faza Phase	Positia Position	Nume Name	Data Date	Semnatura Signature
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020	<i>[Signature]</i>
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020	<i>[Signature]</i>
Întocmit Elaborated	Proiectant Designer	Doina ZINCULESCU	09.2020	<i>[Signature]</i>

SUBCONSULTANT / SUBCONSULTANT

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible			
Întocmit Elaborated	Proiectant Designer			

<p><i>Studiu de Fezabilitate pentru Reabilitarea liniei feroviare Craiova - Drobeta Turnu Severin - Caransebes, parte a Coridorului Orient/Est Mediteranean - Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes</i></p>			Proiect/Project 74 / 2018
			Faza/Phase S.F.

Denumire / Title : PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION  
 PROFIL MIXT, CALE SIMPLA CU CONSOLIDARE STANGA SI  
 RIGOLA PREFABRICATA DREAPTA  
 MIXED PROFILE, SINGLE TRACK WITH LEFT-SIDE CONSOLIDATION AND  
 PREFABRICATED GUTTER ON RIGHT-SIDE

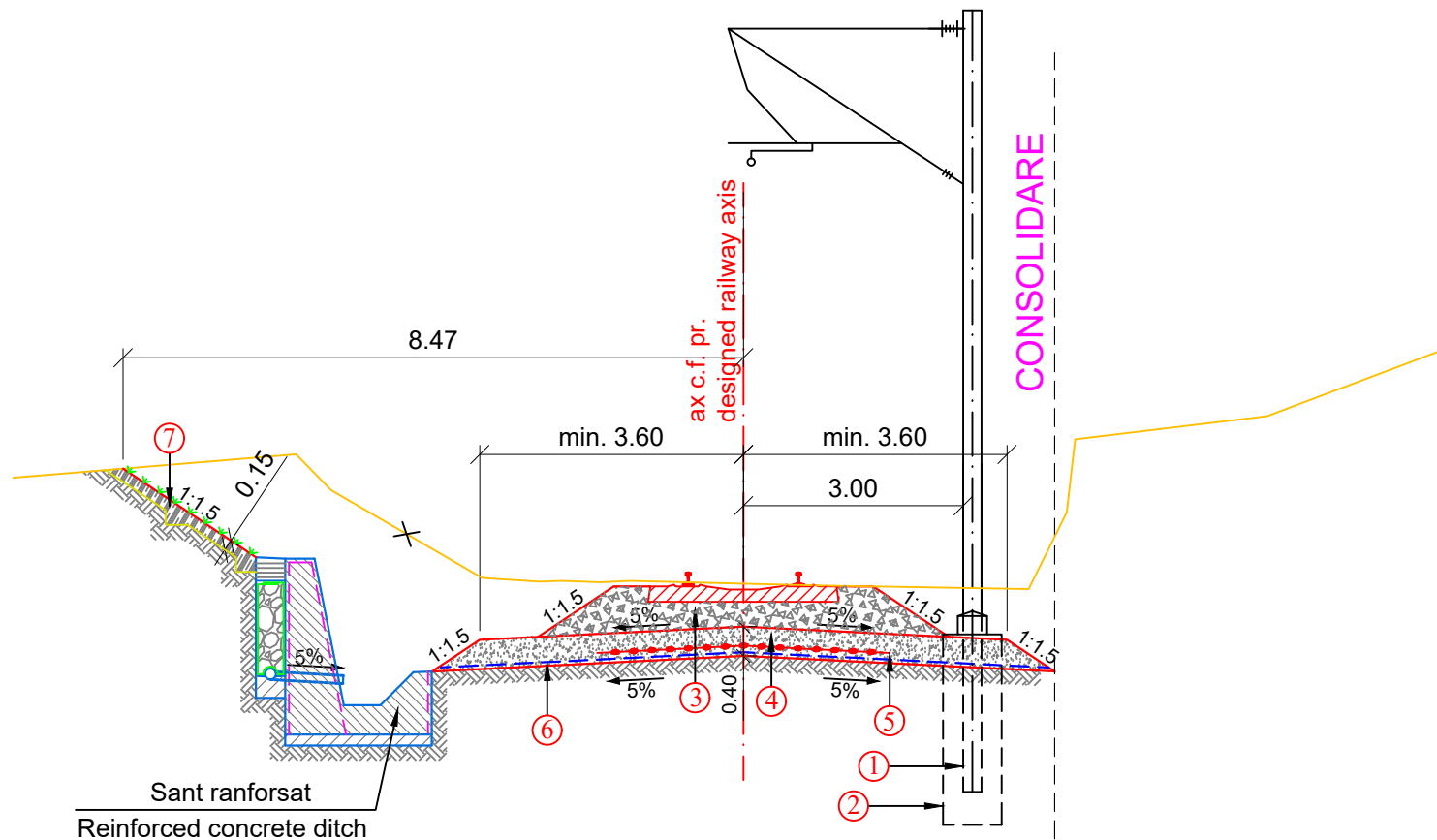
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Istoricul reviziilor / Revision History

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PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION  
 DEBLEU, CALE SIMPLA CU CONSOLIDARE DREAPTA SI SANT RANFORSAT STANGA  
 CUTTING, SINGLE TRACK WITH RIGHT-SIDE CONSOLIDATION  
 AND LEFT-SIDE REINFORCED DITCH  
 SCARA / SCALE 1:100



INTERVALE KILOMETRICE / KILOMETER INTERVALS  
 DROBETA TURNU SEVERIN - GURA VĂII

km 368+850.00 - km 369+050.00  
 TEREGOVA - ARMENIS  
 km 445+850.00 - km 445+930.00

LEGENDA/LEGEND

- ① Stalp electrificare  
Electrification pole
- ② Fundatie stalp electrificare  
Electrification pole foundation
- ③ Piatra sparta  
Crushed stone
- ④ Substratul caii  
Subgrade
- ⑤ Geogrilile biaxiale  
Biaxial geogrids
- ⑥ Geotextil separatie  
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal  
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv  
Filling out of non-cohesive material



CLIENT / CLIENT

C.N.C.F. "C.F.R." - S.A.



CONSULTANT / CONSULTANT

Faza Phase	Positia Position	Nume Name	Data Date	Semnatura Signature
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020	
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020	
Întocmit Elaborated	Proiectant Designer	Doina ZINCULESCU	09.2020	

SUBCONSULTANT / SUBCONSULTANT

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible			
Întocmit Elaborated	Proiectant Designer			

Studiu de Fezabilitate pentru Reabilitarea liniei feroviare  
 Craiova - Drobeta Turnu Severin - Caransebes,  
 parte a Coridorului Orient/Est Mediteranean -  
 Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes

Proiect/Project  
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Faza/Phase  
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Denumire / Title :

PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION  
 DEBLEU, CALE SIMPLA CU CONSOLIDARE DREAPTA SI SANT RANFORSAT STANGA  
 CUTTING, SINGLE TRACK WITH RIGHT-SIDE CONSOLIDATION  
 AND LEFT-SIDE REINFORCED DITCH

Codificare / Codification System

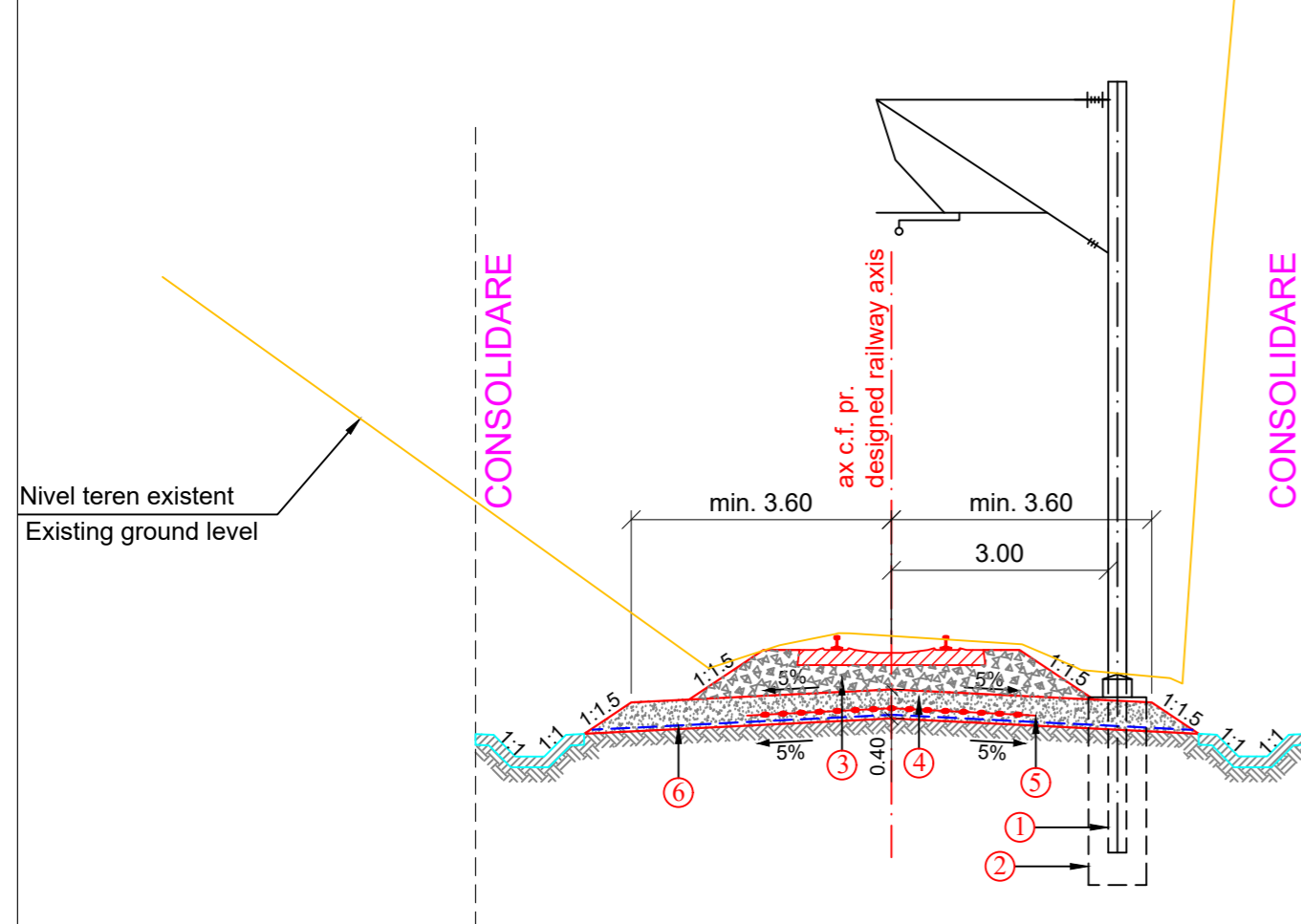
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PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION  
 DEBLEU, CALE SIMPLA CU CONSOLIDARE STANGA SI DREAPTA  
 CUTTING, SINGLE TRACK WITH LEFT-SIDE AND RIGHT-SIDE CONSOLIDATION  
 SCARA / SCALE 1:100



INTERVALE KILOMETRICE / KILOMETER INTERVALS

<b>VARCIOROVA - ORSOVA</b>
km 381+493.00 - km 381+540.00
<b>ORSOVA - VALEA CERNEI</b>
km 388+180.00 - km 388+211.00
km 389+150.00 - km 389+350.00
km 391+850.00 - km 391+950.00
km 392+150.00 - km 392+250.00
<b>MEHADIA VECHE - IABLANITA</b>
km 413+450.00 - km 413+550.00
<b>ARMENIS - SLATINA TIMIS</b>
km 448+880.00 - km 448+950.00
km 450+285.00 - km 450+350.00

LEGENDA/LEGEND

- ① Stalp electrificare  
Electrification pole
- ② Fundatie stalp electrificare  
Electrification pole foundation
- ③ Piatra sparta  
Crushed stone
- ④ Substratul caii  
Subgrade
- ⑤ Geogriile biaxiale  
Biaxial geogrids
- ⑥ Geotextil separatie  
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal  
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv  
Filling out of non-cohesive material



CLIENT / CLIENT

C.N.C.F. "C.F.R." - S.A.



CONSULTANT / CONSULTANT

Faza / Phase	Positia / Position	Nume / Name	Data / Date	Semnatura / Signature
Aprobat / Approved	Manager de Proiect / Project Manager	Sergio MENICHINI	09.2020	<i>[Signature]</i>
Verificat / Checked	Expert Cheie / Key Expert	Sergio MENICHINI	09.2020	<i>[Signature]</i>
Întocmit / Elaborated	Proiectant / Designer	Doina ZINCULESCU	09.2020	<i>[Signature]</i>

SUBCONSULTANT / SUBCONSULTANT

Aprobat / Approved	Responsabil Subconsultant / Subconsultant Responsible			
Întocmit / Elaborated	Proiectant / Designer			

*Studiu de Fezabilitate pentru Reabilitarea liniei feroviare Craiova - Drobeta Turnu Severin - Caransebes, parte a Coridorului Orient/Est Mediteranean - Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes*

Proiect/Project  
74 / 2018  
Faza/Phase  
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Denumire / Title :

PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION  
 DEBLEU, CALE SIMPLA CU CONSOLIDARE STANGA SI DREAPTA  
 CUTTING, SINGLE TRACK WITH LEFT-SIDE AND RIGHT-SIDE CONSOLIDATION

Codificare / Codification System

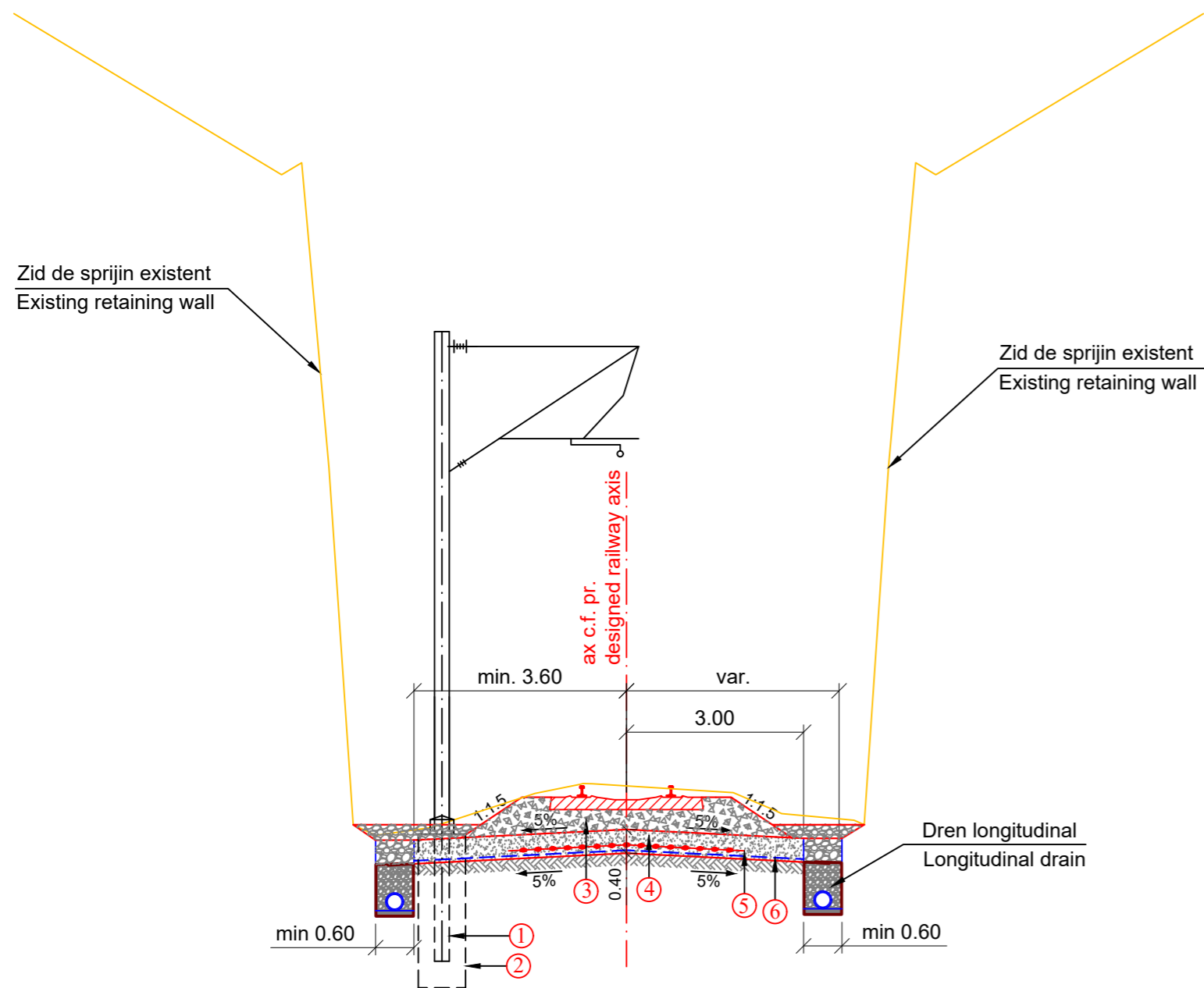
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PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION  
 DEBLEU, CALE SIMPLA CU ZIDURI DE SPRIJIN EXISTENTE STANGA SI DREAPTA  
 CUTTING, SINGLE TRACK WITH EXISTING RETAINING WALLS ON LEFT-SIDE AND RIGHT-SIDE  
 SCARA / SCALE 1:100



INTERVALE KILOMETRICE / KILOMETER INTERVALS

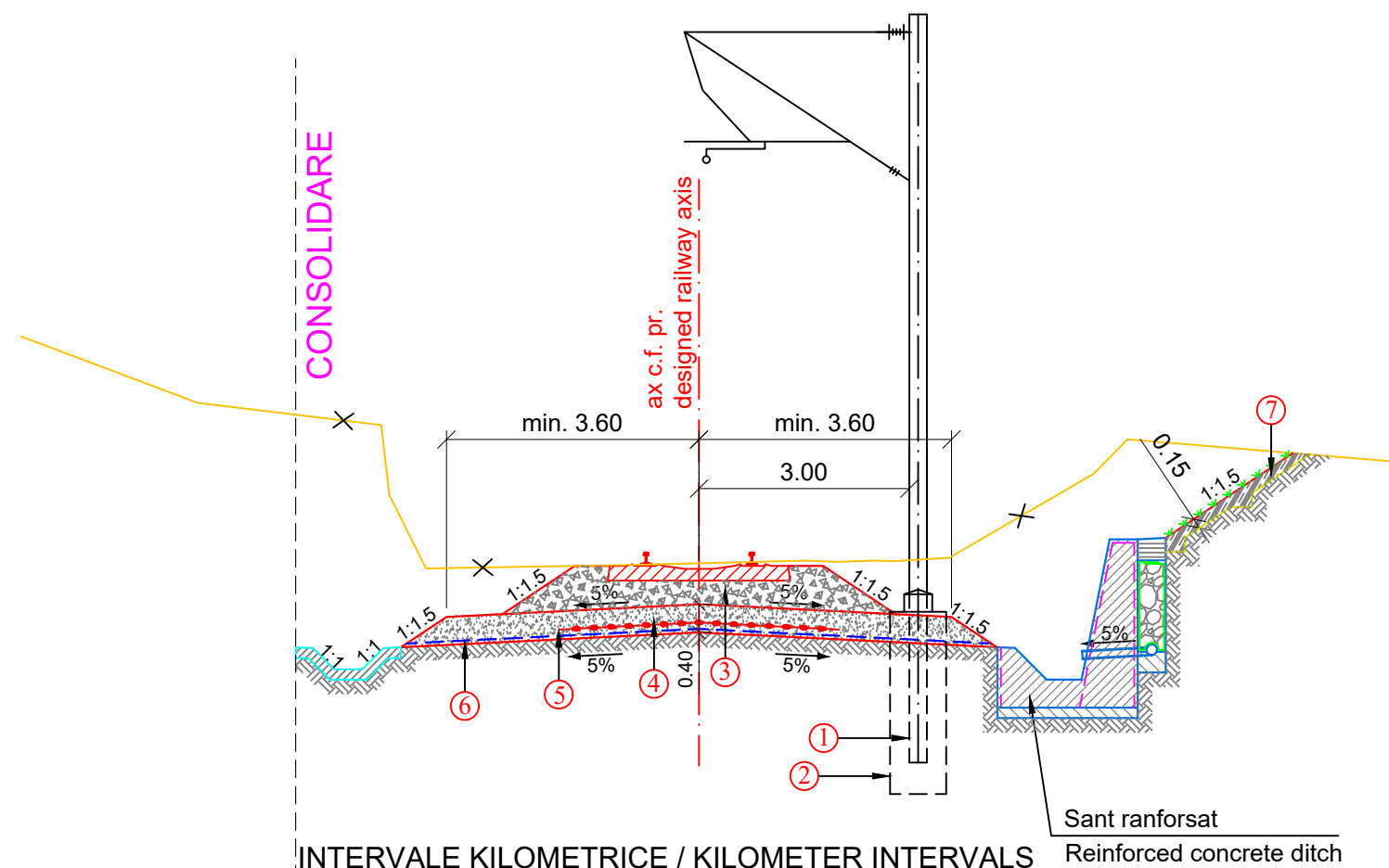
- VARCIOROVA - ORSOVA  
km 385+250.00 - km 385+305.00
- MEHADIA VECHIE - IABLANITA  
km 413+323.00 - km 413+337.00

LEGENDA/LEGEND

- ① Stalp electrificare  
Electrification pole
- ② Fundatie stalp electrificare  
Electrification pole foundation
- ③ Piatra sparta  
Crushed stone
- ④ Substratul caii  
Subgrade
- ⑤ Geogriile biaxiale  
Biaxial geogrids
- ⑥ Geotextil separatie  
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal  
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv  
Filling out of non-cohesive material

<b>CLIENT / CLIENT</b> C.N.C.F. "C.F.R." - S.A.				
<b>CONSULTANT / CONSULTANT</b>				
<b>SUBCONSULTANT / SUBCONSULTANT</b>				
Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible			
Întocmit Elaborated	Proiectant Designer			
<p><i>Studiu de Fezabilitate pentru Reabilitarea liniei feroviare Craiova - Drobeta Turnu Severin - Caransebes, parte a Coridorului Orient/Est Mediteranean - Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes</i></p>				Proiect/Project 74 / 2018 Faza/Phase S.F.
<p>Denumire / Title :</p> <p>PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION                  DEBLEU, CALE SIMPLA CU ZIDURI DE SPRIJIN EXISTENTE STANGA SI DREAPTA                  CUTTING, SINGLE TRACK WITH EXISTING RETAINING WALLS ON LEFT-SIDE AND RIGHT-SIDE</p>				
Codificare / Codification System E 2 1 8 0 S F 0 0 W A T R X 0 0 0 4 9 ' 1				
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PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION  
 DEBLEU, CALE SIMPLA CU CONSOLIDARE STANGA  
 SI SANT RANFORSAT DREAPTA  
 CUTTING, SINGLE TRACK WITH LEFT-SIDE CONSOLIDATION  
 AND RIGHT-SIDE REINFORCED DITCH  
 SCARA / SCALE 1:100



INTERVALE KILOMETRICE / KILOMETER INTERVALS

VALEA CERNEI - TOPLET

km 395+850.00 - km 395+950.00

TOPLET - BAILE HERCULANE

km 403+950.00 - km 404+150.00

LEGENDA/LEGEND

- ① Stalp electrificare  
Electrification pole
- ② Fundatie stalp electrificare  
Electrification pole foundation
- ③ Piatra sparta  
Crushed stone
- ④ Substratul caii  
Subgrade
- ⑤ Geogriile biaxiale  
Biaxial geogrids
- ⑥ Geotextil separatie  
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal  
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv  
Filling out of non-cohesive material



CLIENT / CLIENT

C.N.C.F. "C.F.R." - S.A.



CONSULTANT / CONSULTANT

Faza Phase	Positia Position	Nume Name	Data Date	Semnatura Signature
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020	
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020	
Întocmit Elaborated	Proiectant Designer	Doina ZINCULESCU	09.2020	

SUBCONSULTANT / SUBCONSULTANT

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible			
Întocmit Elaborated	Proiectant Designer			

Studiu de Fezabilitate pentru Reabilitarea liniei feroviare  
 Craiova - Drobeta Turnu Severin - Caransebes,  
 parte a Coridorului Orient/Est Mediteranean -  
 Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes

Proiect/Project  
74 / 2018  
Faza/Phase  
S.F.

Denumire / Title :  
 PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION  
 DEBLEU, CALE SIMPLA CU CONSOLIDARE STANGA  
 SI SANT RANFORSAT DREAPTA  
 CUTTING, SINGLE TRACK WITH LEFT-SIDE CONSOLIDATION  
 AND RIGHT-SIDE REINFORCED DITCH

Codificare / Codification System

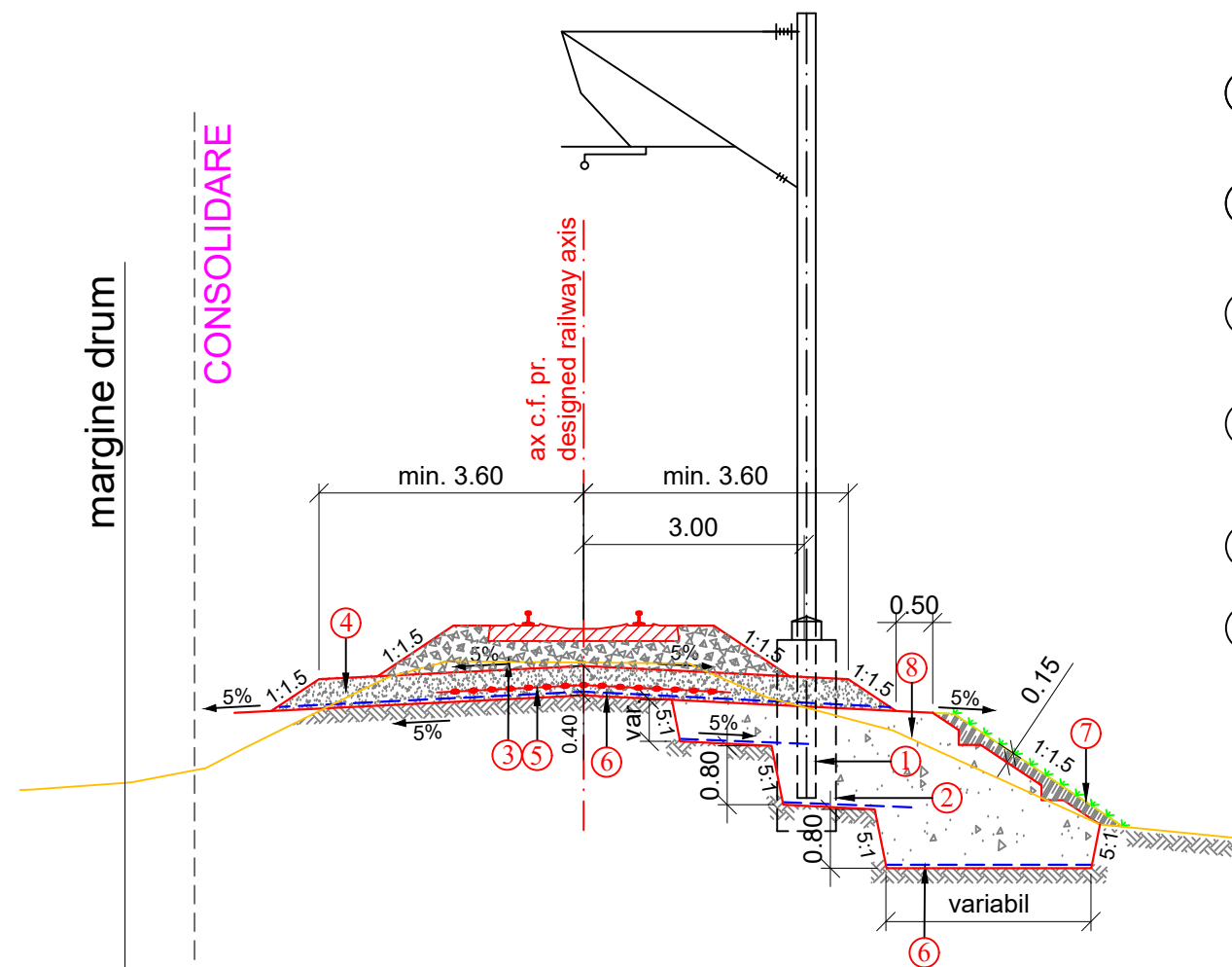
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Istoricul reviziilor / Revision History

Rev.	Data/Date	Descriere Modificare / Modification description
1	09.2020	Modificari conform adresa nr.11/2/504/2020
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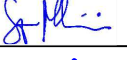

PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION  
 RAMBLEU CALE SIMPLA, CONSOLIDARE RAMBLEU STANGA CU  
 EXTINDERE RAMBLEU PE AMBELE PARTI  
 FILLING SINGLE TRACK, WITH EXTENSIONS ON BOTH SIDES  
 SCARA / SCALE 1:100



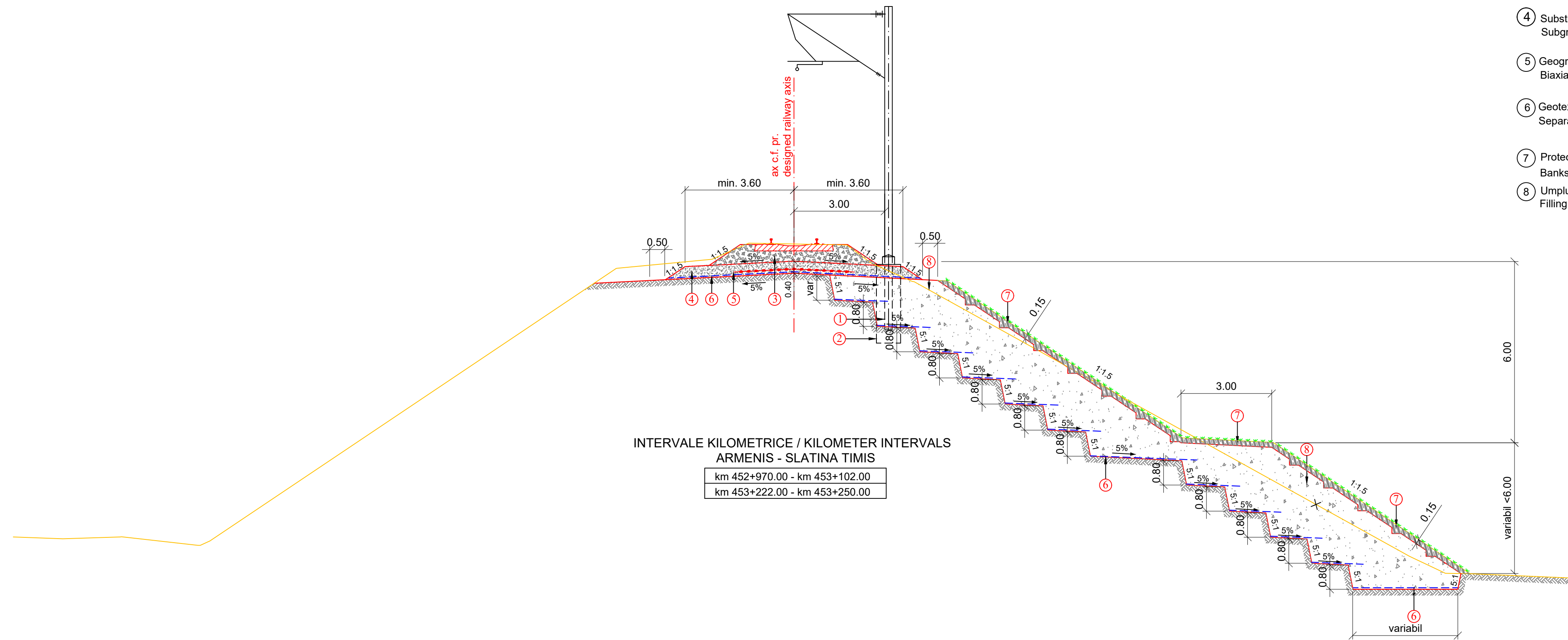
INTERVALE KILOMETRICE / KILOMETER INTERVALS  
 TOPLET - BAILE HERCULANE  
 km 400+050.00 - km 400+250.00

LEGENDA/LEGEND

- ① Stalp electrificare  
Electrification pole
- ② Fundatie stalp electrificare  
Electrification pole foundation
- ③ Piatra sparta  
Crushed stone
- ④ Substratul caii  
Subgrade
- ⑤ Geogriile biaxiale  
Biaxial geogrids
- ⑥ Geotextil separatie  
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal  
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv  
Filling out of non-cohesive material

 <small>Cofinanțat de Mecanismul pentru Interconectarea Europei și Uniunii Europene</small>		 GUVERNUL ROMÂNIEI		
 <b>CLIENT / CLIENT</b> C.N.C.F. "C.F.R." - S.A.				
 GRUPPO FERROVIE DELLO STATO ITALIANE Lider Asocierea		 Fondat in 1947		 INGINERIE INTERNACIONALA S.r.l.
<b>CONSULTANT / CONSULTANT</b>				
<i>Faza</i> Phase	<i>Positia</i> Position	<i>Nume</i> Name	<i>Data</i> Date	<i>Semnatura</i> Signature
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020	
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020	
Întocmit Elaborated	Proiectant Designer	Doina ZINCULESCU	09.2020	
<b>SUBCONSULTANT / SUBCONSULTANT</b>				
Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible			
Întocmit Elaborated	Proiectant Designer			
<b>Studiu de Fezabilitate pentru Reabilitarea liniei feroviare</b> <b>Craiova - Drobeta Turnu Severin - Caransebes,</b> <b>parte a Coridorului Orient/Est Mediteranean -</b> <b>Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes</b>			Proiect/Project 74 / 2018 Faza/Phase S.F.	
Denumire / Title : PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION RAMBLEU CALE SIMPLA, CONSOLIDARE RAMBLEU STANGA CU EXTINDERE RAMBLEU PE AMBELE PARTI FILLING SINGLE TRACK, WITH EXTENSIONS ON BOTH SIDES				
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PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION  
 RAMBLEU, CALE SIMPLA CU CONTRABANCHETA DREAPTA  
 FILLING, SINGLE TRACK WITH RIGHT-SIDE COUNTERBERMS  
 SCARA / SCALE 1:100



LEGENDA/LEGEND

- ① Stalp electrificare  
Electrification pole
- ② Fundatie stalp electrificare  
Electrification pole foundation
- ③ Piatra sparta  
Crushed stone
- ④ Substratul caii  
Subgrade
- ⑤ Geogriile biaxiale  
Biaxial geogrids
- ⑥ Geotextil separatie  
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal  
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv  
Filling out of non-cohesive material



CLIENT / CLIENT

C.N.C.F. "C.F.R." - S.A.



CONSULTANT / CONSULTANT

Faza Phase	Positia Position	Nume Name	Data Date	Semnatura Signature
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020	<i>[Signature]</i>
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020	<i>[Signature]</i>
Intocmit Elaborated	Proiectant Designer	Doina ZINCULESCU	09.2020	<i>[Signature]</i>

SUBCONSULTANT / SUBCONSULTANT

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible			
Intocmit Elaborated	Proiectant Designer			

<p>Studiu de Fezabilitate pentru Reabilitarea liniei feroviare Craiova - Drobeta Turnu Severin - Caransebes, parte a Coridorului Orient/Est Mediteranean - Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes</p>				<p>Proiect/Project 74 / 2018 Faza/Phase S.F.</p>
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Denumire / Title :

PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION  
 RAMBLEU, CALE SIMPLA CU CONTRABANCHETA DREAPTA  
 FILLING, SINGLE TRACK WITH RIGHT-SIDE COUNTERBERMS

Codificare / Codification System

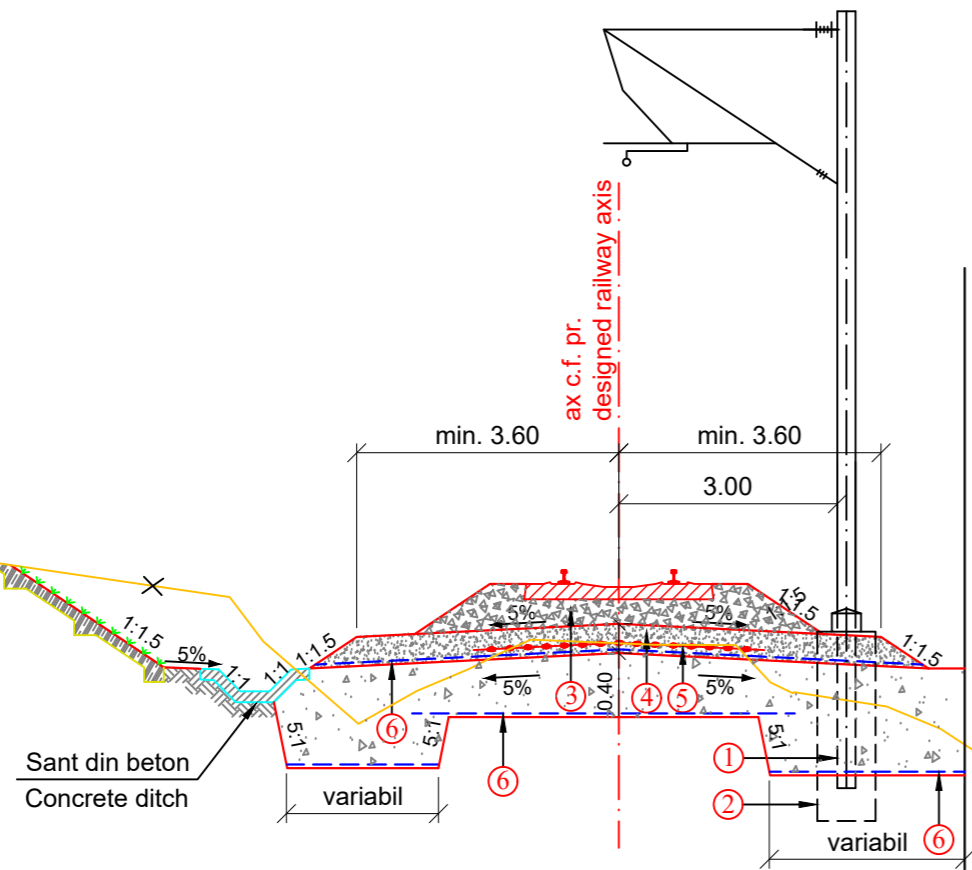
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PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION  
 PROFIL MIXT, CALE SIMPLA CU SANT BETON STANGA SI CONSOLIDARE DREAPTA  
 MIXED PROFILE, SINGLE TRACK WITH LEFT-SIDE CONCRETE DITCH AND WITH  
 RIGHT-SIDE CONSOLIDATION  
 SCARA / SCALE 1:100



INTERVALE KILOMETRICE / KILOMETER INTERVALS

MEHADIA NOUA - MEHADIA VECHЕ

km 408+250.00 - km 408+350.00

MEHADIA VECHЕ - IABLANITA

km 411+250.00 - km 411+480.00

TEREGOVA - ARMENIS

km 444+450.00 - km 444+550.00

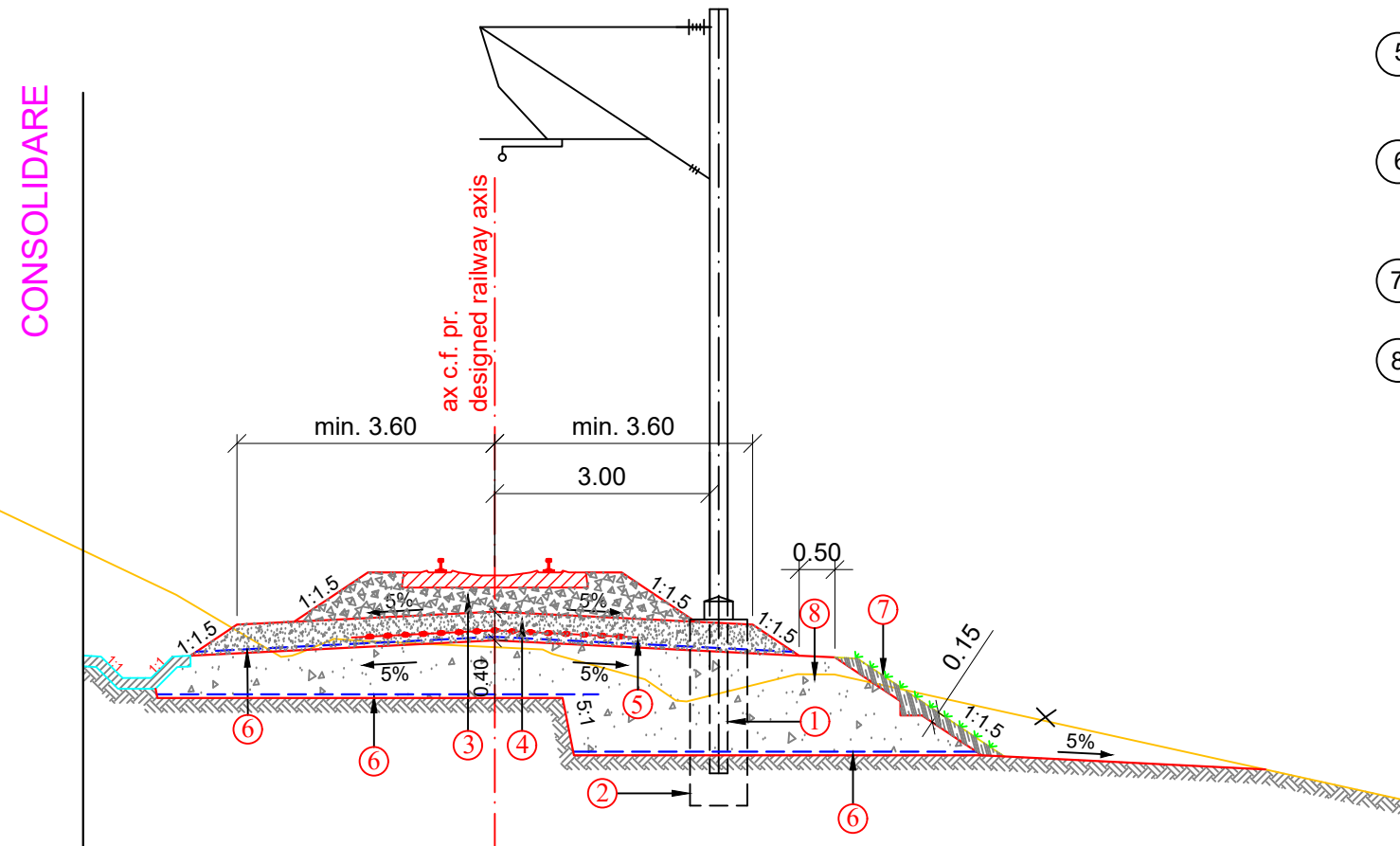
LEGENDA/LEGEND

- ① Stalp electrificare  
Electrification pole
- ② Fundatie stalp electrificare  
Electrification pole foundation
- ③ Piatra sparta  
Crushed stone
- ④ Substratul caii  
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- ⑤ Geogriile biaxiale  
Biaxial geogrids
- ⑥ Geotextil separatie  
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal  
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv  
Filling out of non-cohesive material

<b>CLIENT / CLIENT</b> C.N.C.F. "C.F.R." - S.A.																			
<b>CONSULTANT / CONSULTANT</b>																			
<i>Faza</i> Phase	<i>Positia</i> Position	<i>Nume</i> Name	<i>Data</i> Date	<i>Semnatura</i> Signature															
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020																
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020																
Intocmit Elaborated	Proiectant Designer	Doina ZINCULESCU	09.2020																
<b>SUBCONSULTANT / SUBCONSULTANT</b>																			
Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible																		
Intocmit Elaborated	Proiectant Designer																		
<i>Studiu de Fezabilitate pentru Reabilitarea liniei feroviare Craiova - Drobeta Turnu Severin - Caransebes, parte a Coridorului Orient/Est Mediteranean - Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes</i>				<i>Proiect/Project</i> 74 / 2018 <i>Faza/Phase</i> S.F.															
<b>Denumire / Title :</b> PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION PROFIL MIXT, CALE SIMPLA CU SANT BETON STANGA SI CONSOLIDARE DREAPTA MIXED PROFILE, SINGLE TRACK WITH LEFT-SIDE CONCRETE DITCH AND WITH RIGHT-SIDE CONSOLIDATION																			
<i>Codificare / Codification System</i>																			
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PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION  
 PROFIL MIXT, CALE SIMPLA, CU LUCRARI DE CONSOLIDARE STANGA SI EXTINDERE RAMBLEU DREAPTA  
 MIXED PROFILE, SINGLE TRACK, WITH CONSOLIDATION WORKS ON THE LEFT SIDE  
 AND EXTENSION OF RIGHT-SIDE FILLING  
 SCARA / SCALE 1:100



INTERVALE KILOMETRICE / KILOMETER INTERVALS

MEHADIA VECHĂ - IABLANITA

km 411+580.00 - km 412+150.00

TEREGOVA - ARMENIS

km 444+550.00 - km 444+750.00

LEGENDA/LEGEND

- ① Stalp electrificare  
Electrification pole
- ② Fundatie stalp electrificare  
Electrification pole foundation
- ③ Piatra sparta  
Crushed stone
- ④ Substratul caii  
Subgrade
- ⑤ Geogrilă biaxială  
Biaxial geogrids
- ⑥ Geotextil separatie  
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal  
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv  
Filling out of non-cohesive material



CLIENT / CLIENT

C.N.C.F. "C.F.R." - S.A.



CONSULTANT / CONSULTANT

Faza Phase	Positia Position	Nume Name	Data Date	Semnatura Signature
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020	<i>[Signature]</i>
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020	<i>[Signature]</i>
Întocmit Elaborated	Proiectant Designer	Doina ZINCULESCU	09.2020	<i>[Signature]</i>

SUBCONSULTANT / SUBCONSULTANT

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible			
Întocmit Elaborated	Proiectant Designer			

Studiu de Fezabilitate pentru Reabilitarea liniei feroviare Craiova - Drobeta Turnu Severin - Caransebes, parte a Coridorului Orient/Est Mediteranean - Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes

Project/Project  
74 / 2018  
Faza/Phase  
S.F.

Denumire / Title : PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION  
 PROFIL MIXT, CALE SIMPLA, CU LUCRARI DE CONSOLIDARE STANGA SI EXTINDERE  
 RAMBLEU DREAPTA  
 MIXED PROFILE, SINGLE TRACK, WITH CONSOLIDATION WORKS ON THE LEFT SIDE  
 AND EXTENSION OF RIGHT-SIDE FILLING

Codificare / Codification System

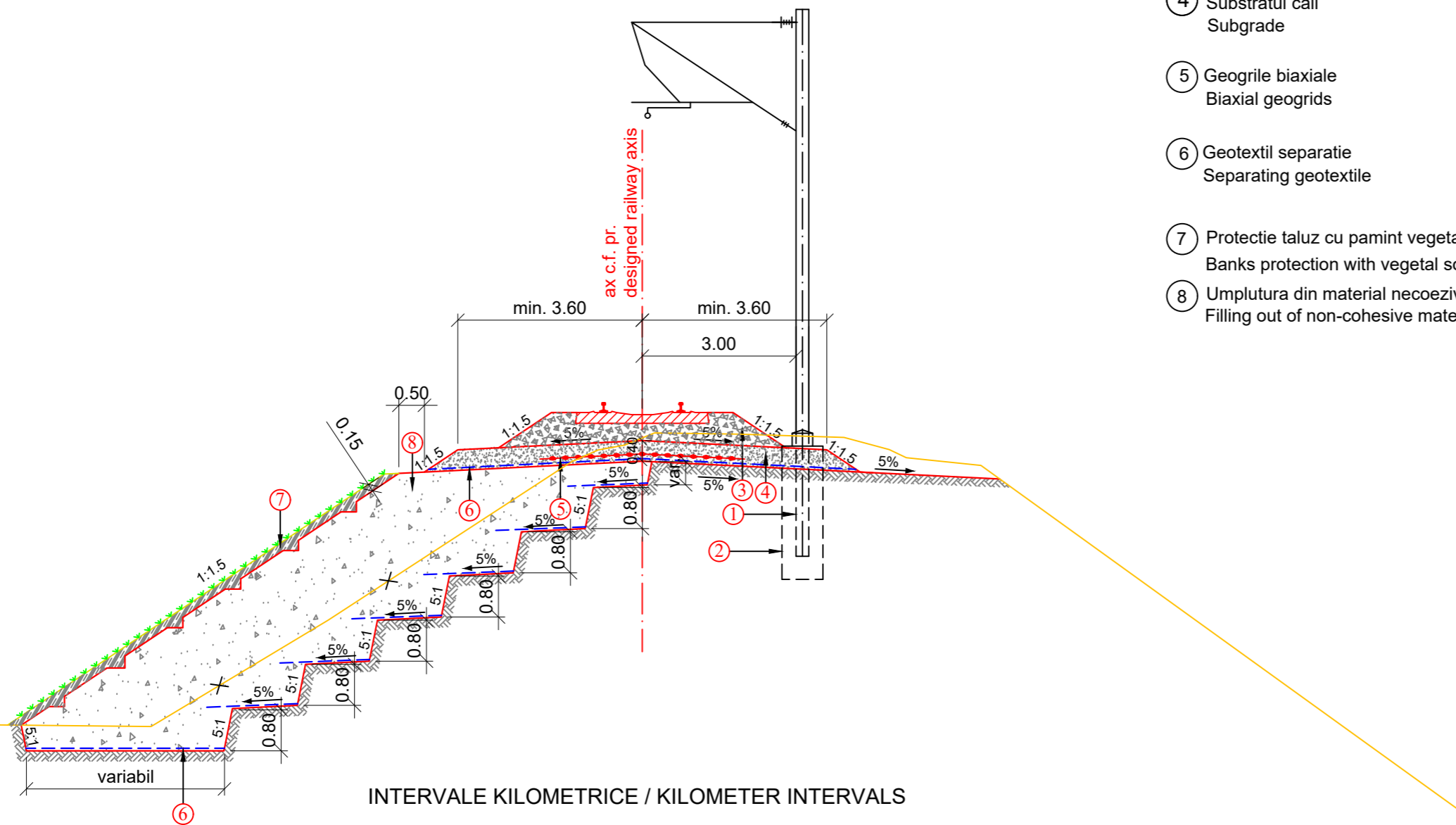
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Istoricul reviziilor / Revision History

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PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION  
 PROFIL RAMBLEU, CALE SIMPLA CU EXTINDERE RAMBLEU STANGA  
 FILLING PROFILE, SINGLE TRACK WITH LEFT-SIDE EXTENSION  
 SCARA / SCALE 1:100

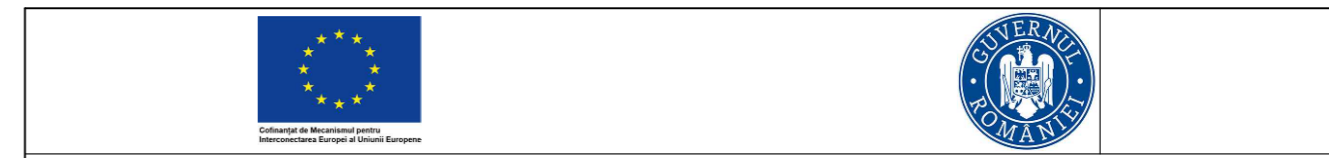


INTERVALE KILOMETRICE / KILOMETER INTERVALS

- TOPLET - BAILE HERCULANE
  - km 398+650.00 - km 398+750.00
  - km 401+250.00 - km 401+350.00
- MEHADIA NOUA - MEHADIA VECHЕ
  - km 407+450.00 - km 407+750.00
- MEHADIA VECHЕ - IABLANITA
  - km 411+480.00 - km 411+580.00

LEGENDA/LEGEND

- ① Stalp electrificare  
Electrification pole
- ② Fundatie stalp electrificare  
Electrification pole foundation
- ③ Piatra sparta  
Crushed stone
- ④ Substratul caii  
Subgrade
- ⑤ Geogrilе biaxiale  
Biaxial geogrids
- ⑥ Geotextil separatie  
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal  
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv  
Filling out of non-cohesive material



CLIENT / CLIENT

C.N.C.F. "C.F.R." - S.A.



CONSULTANT / CONSULTANT

Faza Phase	Positia Position	Nume Name	Data Date	Semnatura Signature
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020	
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020	
Intocmit Elaborated	Proiectant Designer	Doina ZINCULESCU	09.2020	

SUBCONSULTANT / SUBCONSULTANT

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible			
Intocmit Elaborated	Proiectant Designer			

Studiu de Fezabilitate pentru Reabilitarea liniei feroviare Craiova - Drobeta Turnu Severin - Caransebes, parte a Coridorului Orient/Est Mediteranean - Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes

Proiect/Project  
74 / 2018  
Faza/Phase  
S.F.

Denumire / Title :

PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION  
 PROFIL RAMBLEU, CALE SIMPLA CU EXTINDERE RAMBLEU STANGA  
 FILLING PROFILE, SINGLE TRACK WITH LEFT-SIDE EXTENSION

Codificare / Codification System

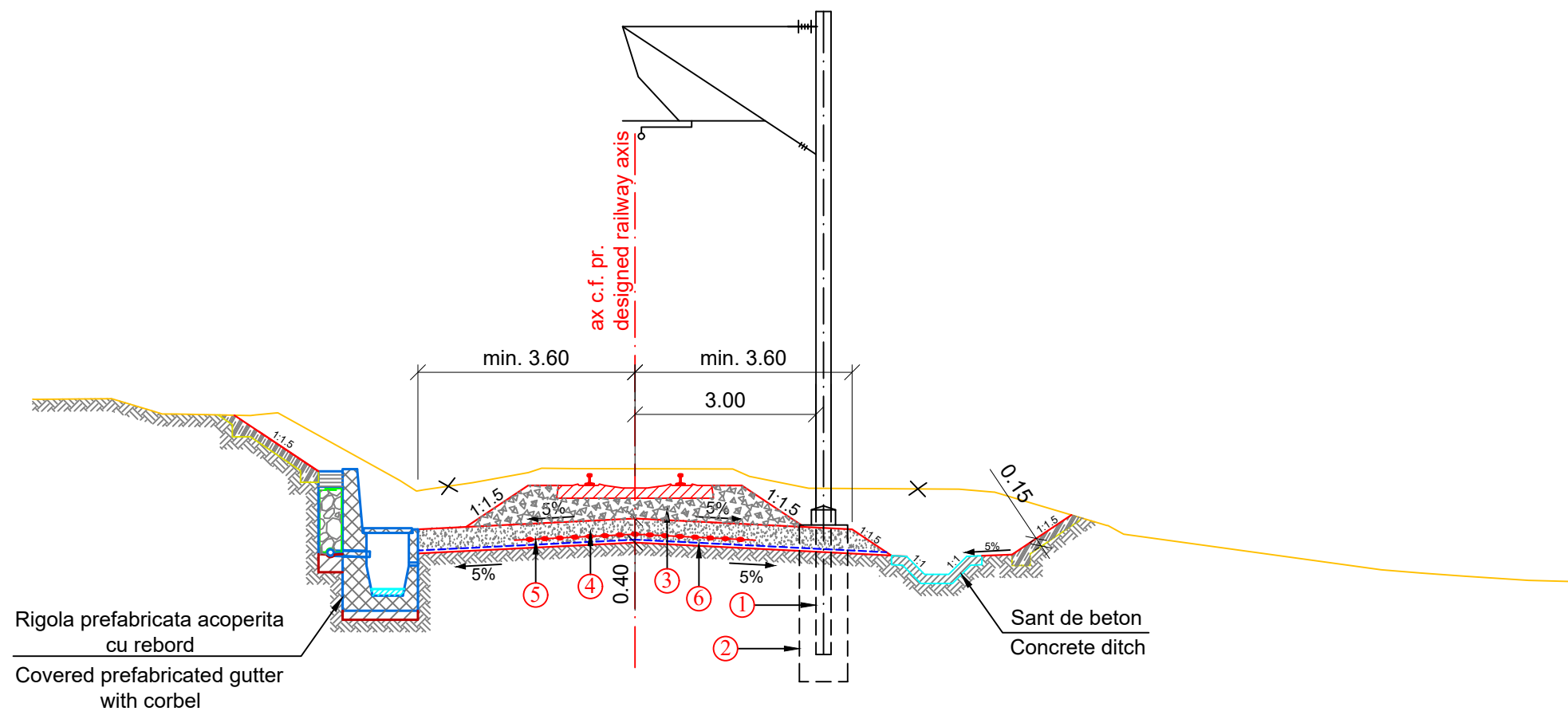
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PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION  
 DEBLEU CALE SIMPLA, CU RIGOLA PREFABRICATA ACOPERITA CU REBORD STANGA SI SANT BETON DREAPTA C.F.  
 CUTTING SINGLE TRACK, WITH COVERED PREFABRICATED GUTTER WITH CORBEL ON THE LEFT SIDE AND CONCRETE  
 DITCH ON THE RIGHT SIDE OF THE RAILWAY LINE  
 SCARA / SCALE 1:100



INTERVALE KILOMETRICE / KILOMETER INTERVALS

ORSOVA - VALEA CERNEI

km 388+135.00 - km 388+180.00
km 389+450.00 - km 389+550.00
km 390+871.00 - km 391+050.00

MEHADIA VECHE - IABLANITA

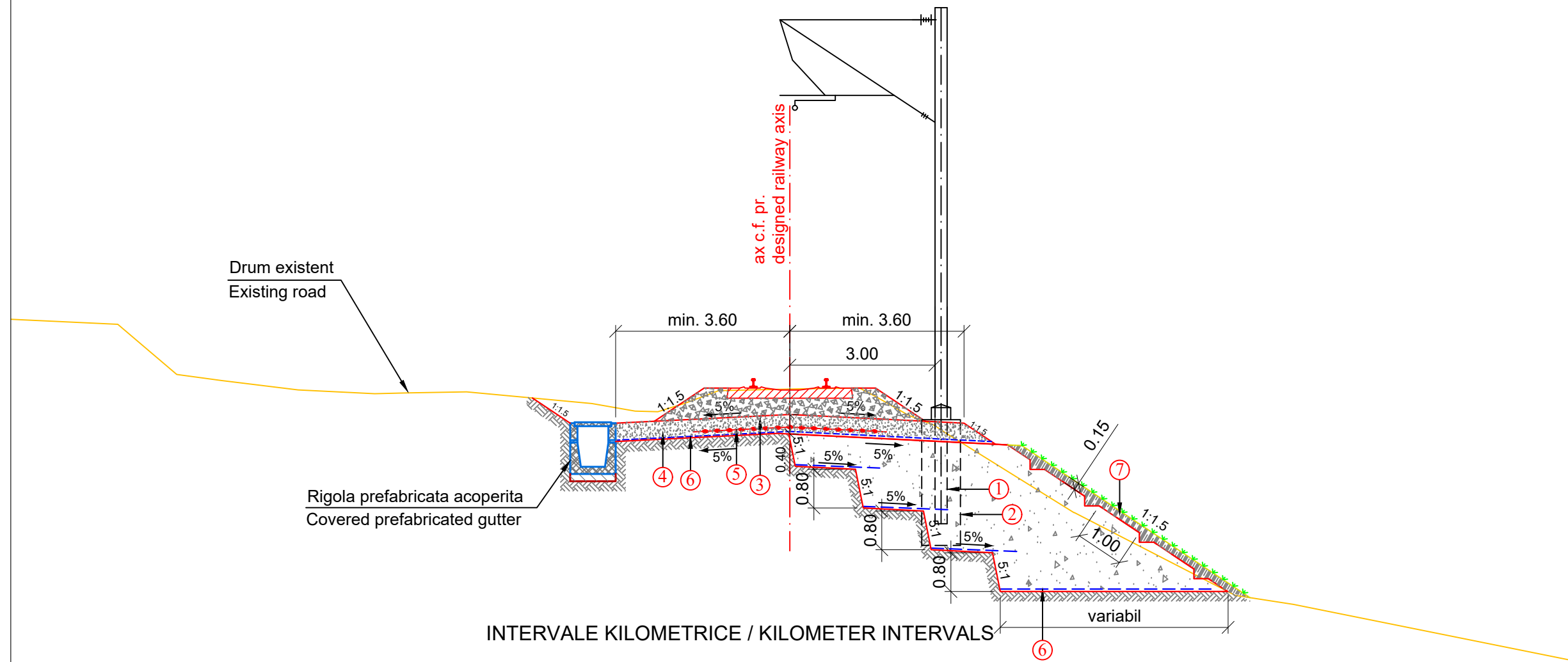
km 410+150.00 - km 410+950.00
km 411+050.00 - km 411+250.00

LEGENDA/LEGEND

- ① Stalp electrificare  
Electrification pole
- ② Fundatie stalp electrificare  
Electrification pole foundation
- ③ Piatra sparta  
Crushed stone
- ④ Substratul caii  
Subgrade
- ⑤ Geogriile biaxiale  
Biaxial geogrids
- ⑥ Geotextil separatie  
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal  
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv  
Filling out of non-cohesive material

<b>CLIENT / CLIENT</b> C.N.C.F. "C.F.R." - S.A.																			
<b>CONSULTANT / CONSULTANT</b>																			
<b>CONSULTANT / CONSULTANT</b>																			
<b>Faza</b> Phase	<b>Positia</b> Position	<b>Nume</b> Name	<b>Data</b> Date	<b>Semnatura</b> Signature															
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020																
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020																
Intocmit Elaborated	Proiectant Designer	Doina ZINCULESCU	09.2020																
<b>SUBCONSULTANT / SUBCONSULTANT</b>																			
Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible																		
Intocmit Elaborated	Proiectant Designer																		
<b>Studiu de Fezabilitate pentru Reabilitarea liniei feroviare Craiova - Drobeta Turnu Severin - Caransebes, parte a Coridorului Orient/Est Mediteranean - Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes</b>				Proiect/Project 74 / 2018 Faza/Phase S.F.															
<b>Denumire / Title :</b>																			
PROFIL TRANSVERSAL TIP/TYPICAL CROSS SECTION DEBLEU CALE SIMPLA, CU RIGOLA PREFABRICATA ACOPERITA CU REBORD STANGA SI SANT BETON DREAPTA C.F. CUTTING SINGLE TRACK, WITH COVERED PREFABRICATED GUTTER WITH CORBEL ON THE LEFT SIDE AND CONCRETE DITCH ON THE RIGHT SIDE OF THE RAILWAY LINE																			
<b>Codificare / Codification System</b>																			
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PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION  
 CALE SIMPLA, CU RIGOLA PREFABRICATA ACOPERITA STANGA SI EXTINDERE RANBLEU DREAPTA C.F.  
 SINGLE TRACK, WITH COVERED PREFABRICATED GUTTER ON THE LEFT-SIDE AND EXTENSION OF RIGHT-SIDE FILLING  
 SCARA / SCALE 1:100



INTERVALE KILOMETRICE / KILOMETER INTERVALS

ORSOVA - VALEA CERNEI

km 389+950.00 - km 390+280.00

MEHADIA VECHIE - IABLANITA

km 410+950.00 - km 411+050.00

LEGENDA/LEGEND

- ① Stalp electrificare  
Electrification pole
- ② Fundatie stalp electrificare  
Electrification pole foundation
- ③ Piatra sparta  
Crushed stone
- ④ Substratul caii  
Subgrade
- ⑤ Geogriile biaxiale  
Biaxial geogrids
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Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal  
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv  
Filling out of non-cohesive material



CLIENT / CLIENT

C.N.C.F. "C.F.R." - S.A.



CONSULTANT / CONSULTANT

Faza Phase	Positia Position	Nume Name	Data Date	Semnatura Signature
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020	<i>[Signature]</i>
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020	<i>[Signature]</i>
Întocmit Elaborated	Proiectant Designer	Doina ZINCULESCU	09.2020	<i>[Signature]</i>

SUBCONSULTANT / SUBCONSULTANT

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible	Data Date	Semnatura Signature
Întocmit Elaborated	Proiectant Designer		

<p>Studiu de Fezabilitate pentru Reabilitarea liniei feroviare Craiova - Drobeta Turnu Severin - Caransebes, parte a Coridorului Orient/Est Mediteranean - Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes</p>			<p>Proiect/Project 74 / 2018 Faza/Phase S.F.</p>
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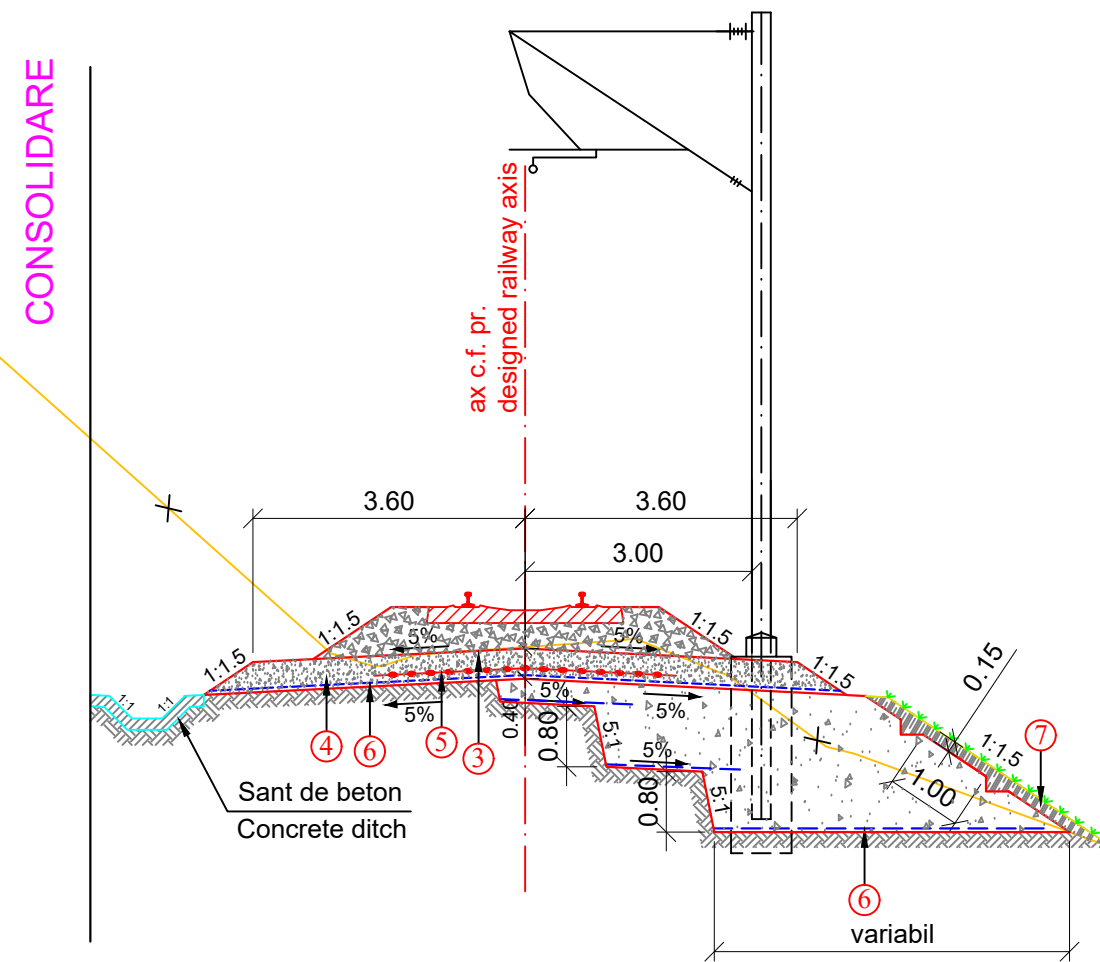
Denumire / Title :  
 PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION  
 CALE SIMPLA, CU RIGOLA PREFABRICATA ACOPERITA STANGA SI EXTINDERE RANBLEU DREAPTA C.F.  
 SINGLE TRACK, WITH COVERED PREFABRICATED GUTTER ON THE LEFT-SIDE AND EXTENSION OF RIGHT-SIDE FILLING

Codificare / Codification System  
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PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION  
 PROFIL MIXT CALE SIMPLA, CU CONSOLIDARE DEBLEU STANGA SI EXTINDERE RAMBLEU DREAPTA C.F.  
 MIXED PROFILE SINGLE TRACK, WITH CONSOLIDATION ON THE LEFT-SIDE OF CUTTING AND  
 EXTENSION OF RIGHT-SIDE FILLING  
 SCARA / SCALE 1:100



INTERVALE KILOMETRICE / KILOMETER INTERVALS

MEHADIA NOUA - MEHADIA VECHIE

km 407+750.00 - km 407+850.00

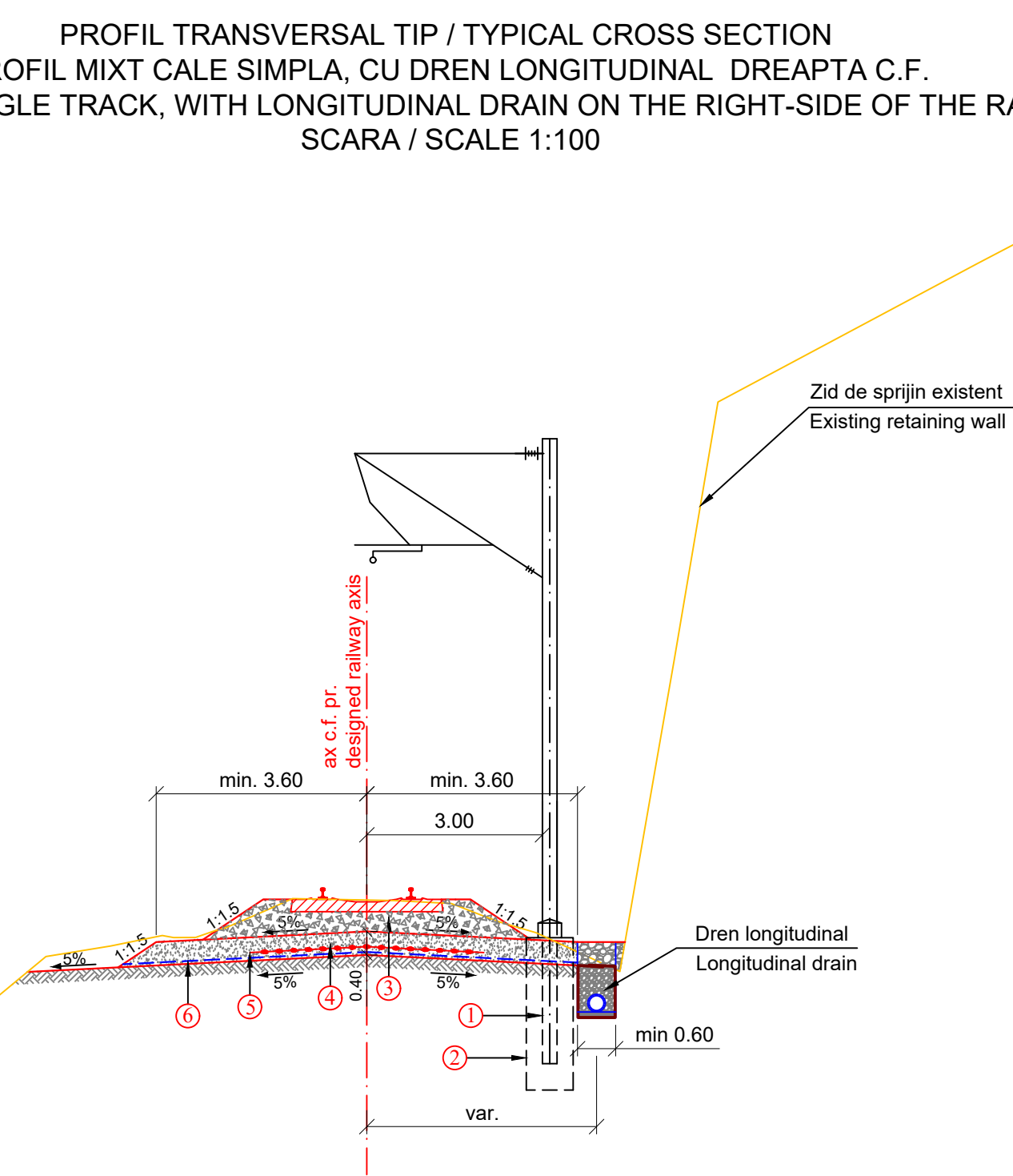
km 407+950.00 - km 408+050.00

LEGENDA/LEGEND

- ① Stalp electrificare  
Electrification pole
- ② Fundatie stalp electrificare  
Electrification pole fundation
- ③ Piatra sparta  
Crushed stone
- ④ Substratul caii  
Subgrade
- ⑤ Geogridle biaxiale  
Biaxial geogrids
- ⑥ Geotextil separatie  
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal  
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv  
Filling out of non-cohesive material

<b>CLIENT / CLIENT</b> C.N.C.F. "C.F.R." - S.A.																						
<b>CONSULTANT / CONSULTANT</b>																						
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<b>Denumire / Title :</b> PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION PROFIL MIXT CALE SIMPLA, CU CONSOLIDARE DEBLEU STANGA SI EXTINDERE RAMBLEU DREAPTA C.F. MIXED PROFILE SINGLE TRACK, WITH CONSOLIDATION ON THE LEFT-SIDE OF CUTTING AND EXTENSION OF RIGHT-SIDE FILLING																						
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PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION  
 PROFIL MIXT CALE SIMPLA, CU DREN LONGITUDINAL DREAPTA C.F.  
 MIXED PROFILE SINGLE TRACK, WITH LONGITUDINAL DRAIN ON THE RIGHT-SIDE OF THE RAILWAY LINE  
 SCARA / SCALE 1:100



INTERVALE KILOMETRICE / KILOMETER INTERVALS  
 DROBETA TURNU SEVERIN EST - DROBETA TURNU SEVERIN

km 360+730.00 - km 361+550.00
VARCIOROVA - ORSOVA
km 380+375.00 - km 380+557.00
km 381+822.00 - km 382+432.00
km 382+524.00 - km 382+760.00
km 382+805.00 - km 382+825.00
km 382+860.00 - km 383+239.00
km 384+100.00 - km 385+250.00

LEGENDA/LEGEND

- ① Stalp electrificare  
Electrification pole
- ② Fundatie stalp electrificare  
Electrification pole foundation
- ③ Piatra sparta  
Crushed stone
- ④ Substratul caii  
Subgrade
- ⑤ Geogriile biaxiale  
Biaxial geogrids
- ⑥ Geotextil separatie  
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal  
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv  
Filling out of non-cohesive material



CLIENT / CLIENT **C.N.C.F. "C.F.R." - S.A.**



CONSULTANT / CONSULTANT

Faza Phase	Positia Position	Nume Name	Data Date	Semnatura Signature
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020	<i>[Signature]</i>
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020	<i>[Signature]</i>
Intocmit Elaborated	Proiectant Designer	Doina ZINCULESCU	09.2020	<i>[Signature]</i>

SUBCONSULTANT / SUBCONSULTANT

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible			
Intocmit Elaborated	Proiectant Designer			

**Studiu de Fezabilitate pentru Reabilitarea liniei feroviare Craiova - Drobeta Turnu Severin - Caransebes, parte a Coridorului Orient/Est Mediteranean - Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes**

Proiect/Project 74 / 2018  
Faza/Phase S.F.

Denumire / Title :  
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Codificare / Codification System

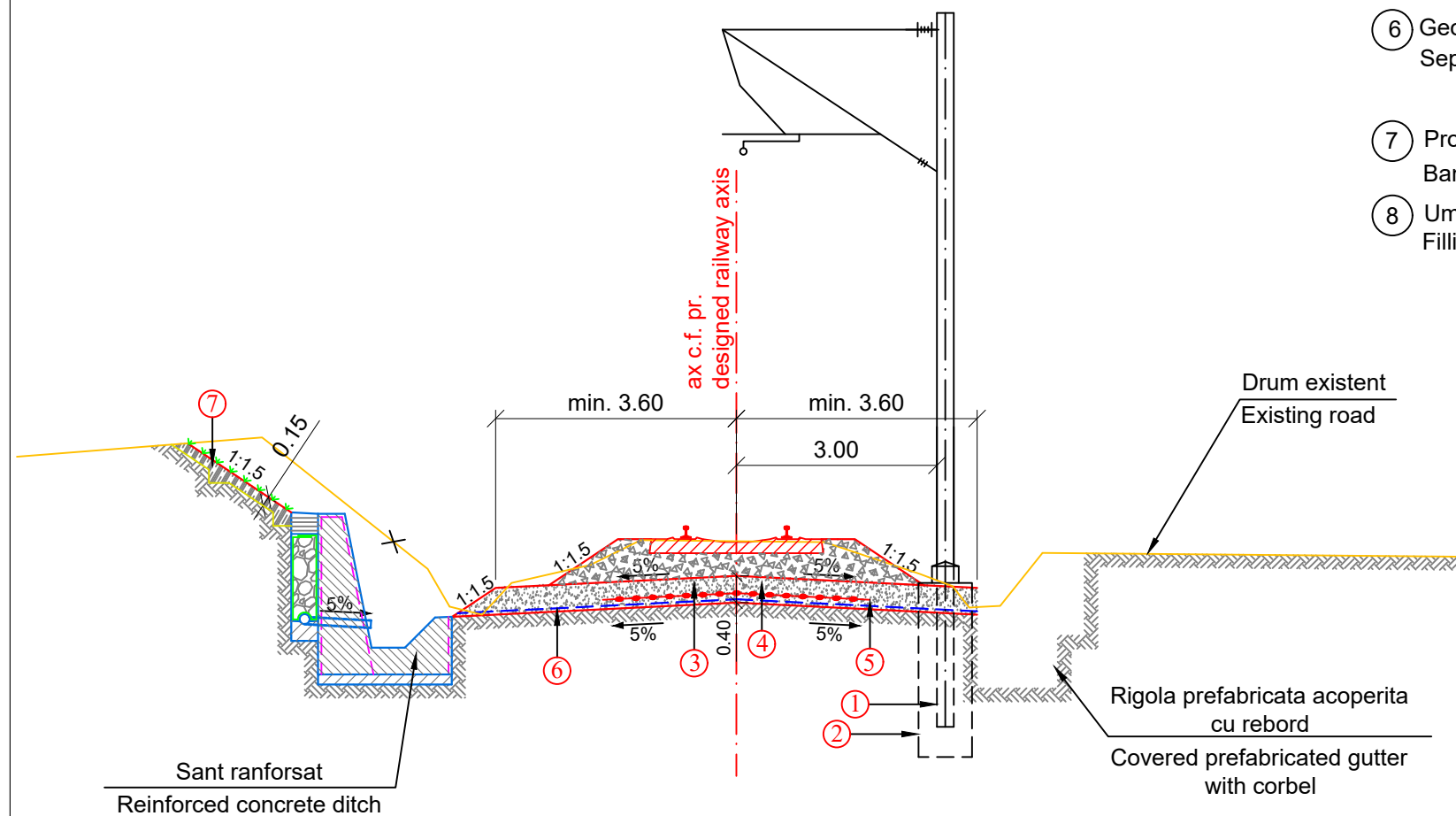
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PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION  
 DEBLEU, CALE SIMPLA CU SANT RANFORSAT STANGA SI  
 RIGOLA PREFABRICATA CU REBORD DREAPTA  
 CUTTING, SINGLE TRACK WITH LEFT-SIDE REINFORCED DITCH  
 AND AT RIGHT-SIDE PREFABRICATED GUTTER WITH CORBEL  
 SCARA / SCALE 1:100



INTERVALE KILOMETRICE / KILOMETER INTERVALS

DROBETA TURNU SEVERIN - GURA VĂII

km 366+050.00 - km 367+050.00

MEHADIA VECHĂ - IABLANITA

km 409+310.00 - km 410+150.00

LEGENDA/LEGEND

- ① Stalp electrificare  
Electrification pole
- ② Fundatie stalp electrificare  
Electrification pole foundation
- ③ Piatra sparta  
Crushed stone
- ④ Substratul caii  
Subgrade
- ⑤ Geogriile biaxiale  
Biaxial geogrids
- ⑥ Geotextil separatie  
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal  
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv  
Filling out of non-cohesive material



CLIENT / CLIENT

C.N.C.F. "C.F.R." - S.A.



CONSULTANT / CONSULTANT

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Întocmit Elaborated	Proiectant Designer	Doina ZINCULESCU	09.2020	

SUBCONSULTANT / SUBCONSULTANT

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Studiu de Fezabilitate pentru Reabilitarea liniei feroviare  
 Craiova - Drobeta Turnu Severin - Caransebes,  
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 Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes

Proiect/Project  
74 / 2018  
Faza/Phase  
S.F.

Denumire / Title :

PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION  
 DEBLEU, CALE SIMPLA CU SANT RANFORSAT STANGA SI  
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 AND AT RIGHT-SIDE PREFABRICATED GUTTER WITH CORBEL

Codificare / Codification System

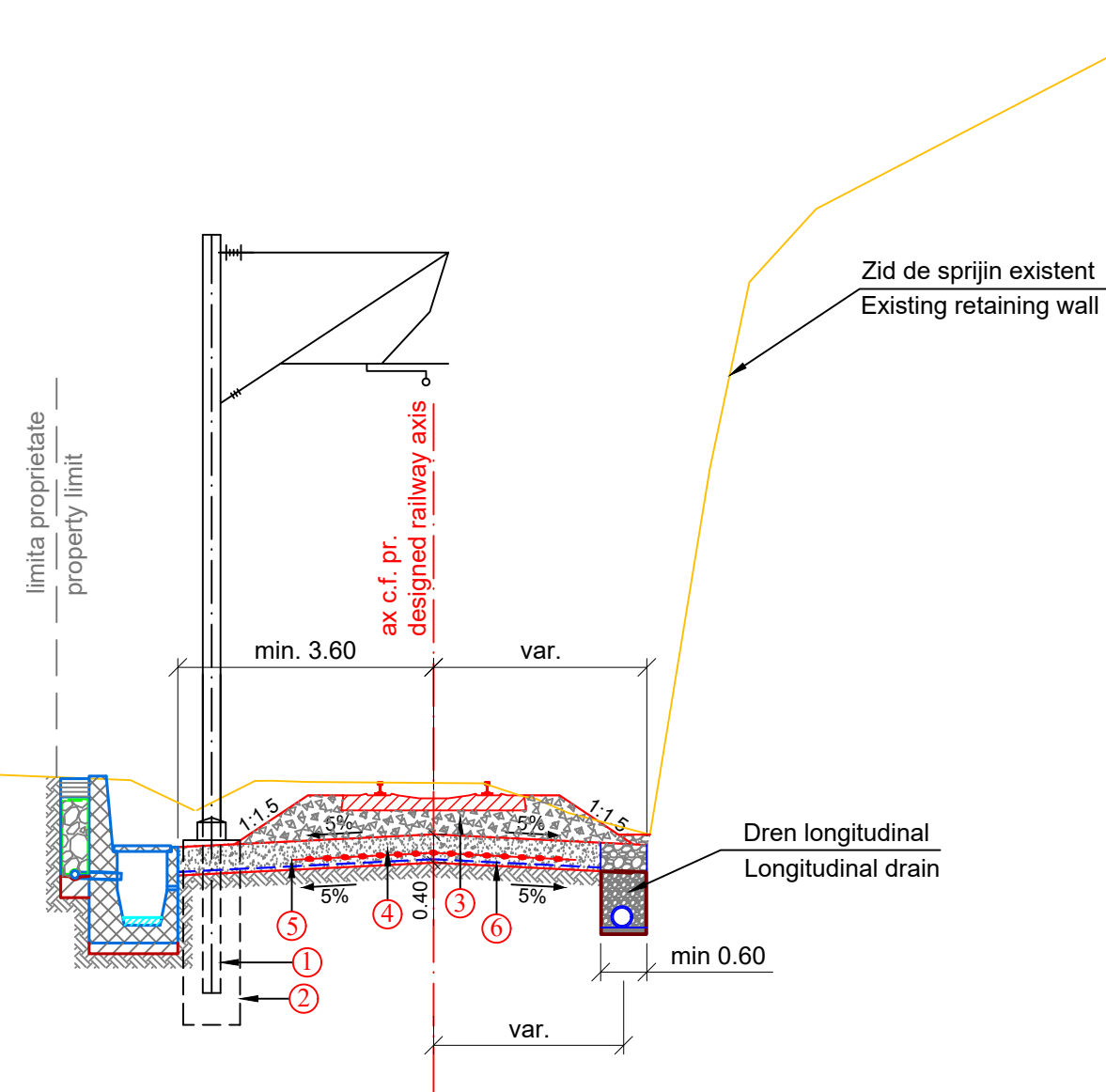
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PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION  
 DEBLEU, CALE SIMPLA CU RIGOLA PREFABRICATA CU REBORD  
 STANGA SI DREN LONGITUDINAL DREAPTA  
 CUTTING, SINGLE TRACK WITH LEFT-SIDE PREFABRICATED GUTTER WITH CORBEL  
 AND AT RIGHT-SIDE LONGITUDINAL DRAIN  
 SCARA / SCALE 1:100



INTERVALE KILOMETRICE / KILOMETER INTERVALS

- VARCIOROVA - ORSOVA  
km 385+800.00 - km 385+975.00
- ORSOVA - VALEA CERNEI  
km 389+550.00 - km 389+650.00

LEGENDA/LEGEND

- 1 Stalp electrificare  
Electrification pole
- 2 Fundatie stalp electrificare  
Electrification pole foundation
- 3 Piatra sparta  
Crushed stone
- 4 Substratul caii  
Subgrade
- 5 Geogriile biaxiale  
Biaxial geogrids
- 6 Geotextil separatie  
Separating geotextile
- 7 Protectie taluz cu pamint vegetal  
Banks protection with vegetal soil
- 8 Umplutura din material necoeziv  
Filling out of non-cohesive material



CLIENT / CLIENT

C.N.C.F. "C.F.R." - S.A.



CONSULTANT / CONSULTANT

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Intocmit Elaborated	Proiectant Designer	Doina ZINCULESCU	09.2020	<i>[Signature]</i>

SUBCONSULTANT / SUBCONSULTANT

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Proiect/Project  
74 / 2018  
Faza/Phase  
S.F.

Denumire / Title : PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION DEBLEU, CALE SIMPLA CU RIGOLA PREFABRICATA CU REBORD STANGA SI DREN LONGITUDINAL DREAPTA CUTTING, SINGLE TRACK WITH LEFT-SIDE PREFABRICATED GUTTER WITH CORBEL AND AT RIGHT-SIDE LONGITUDINAL DRAIN

Codificare / Codification System

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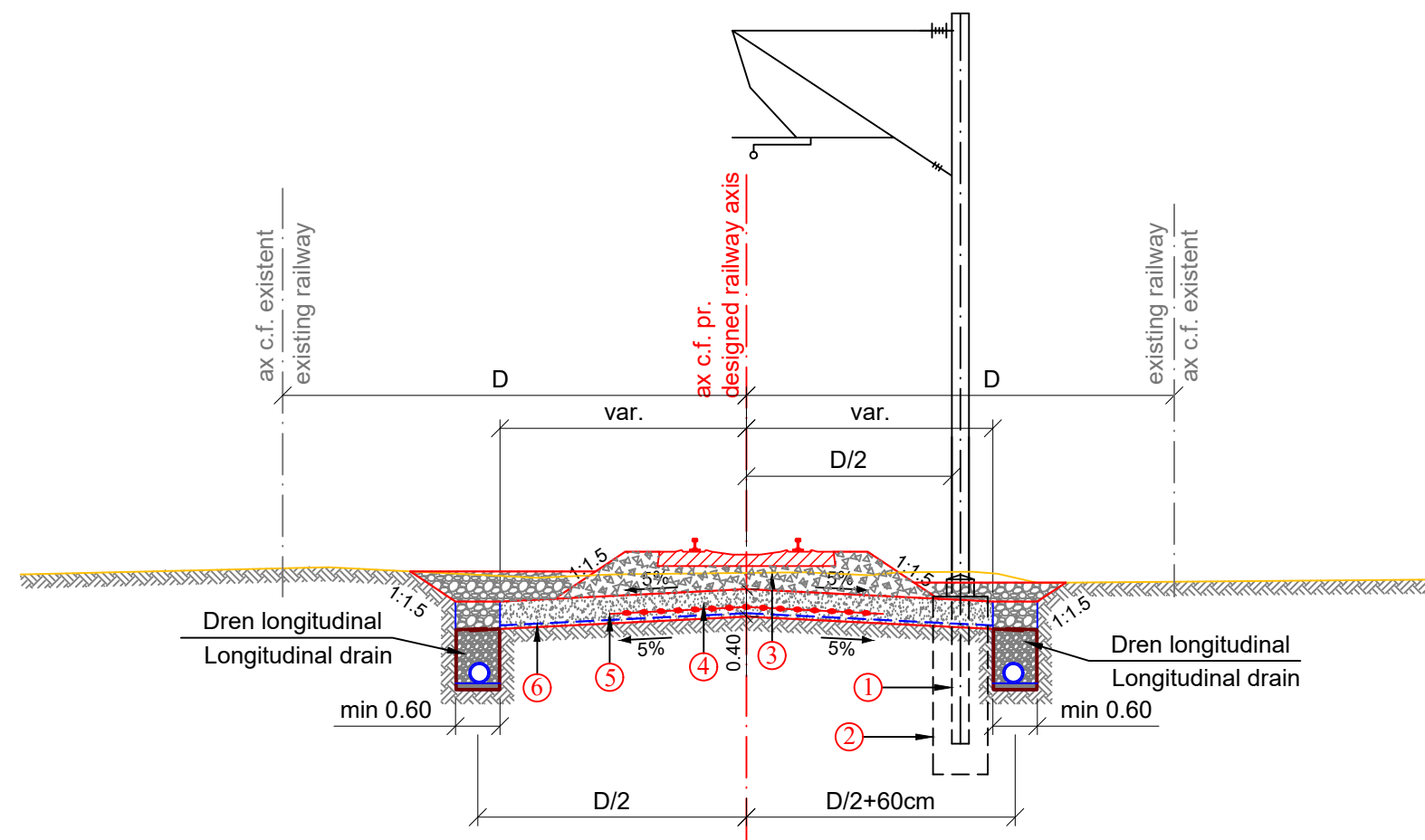
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PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION  
 CALE SIMPLA, DRENURI LONGITUDINALE STANGA SI DREAPTA C.F.  
 SINGLE TRACK, LONGITUDINAL DRAINS ON THE LEFT-SIDE AND THE RIGHT-SIDE OF THE RAILWAY LINE  
 SCARA / SCALE 1:100



INTERVALE KILOMETRICE / KILOMETER INTERVALS  
 DROBETA TURNU SEVERIN - GURA VĂII  
 km 364+387.00 - km 364+450.00

LEGENDA/LEGEND

- ① Stalp electrificare  
Electrification pole
- ② Fundatie stalp electrificare  
Electrification pole foundation
- ③ Piatra sparta  
Crushed stone
- ④ Substratul caii  
Subgrade
- ⑤ Geogrilă biaxială  
Biaxial geogrids
- ⑥ Geotextil separatie  
Separating geotextile
- ⑦ Protecție taluz cu pământ vegetal  
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv  
Filling out of non-cohesive material



CLIENT / CLIENT

C.N.C.F. "C.F.R." - S.A.



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Întocmit Elaborated	Proiectant Designer	Doina ZINCULESCU	09.2020	<i>[Signature]</i>

SUBCONSULTANT / SUBCONSULTANT

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Întocmit Elaborated	Proiectant Designer			

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Proiect/Project  
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Denumire / Title :

PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION  
 CALE SIMPLA, DRENURI LONGITUDINALE STANGA SI DREAPTA C.F.  
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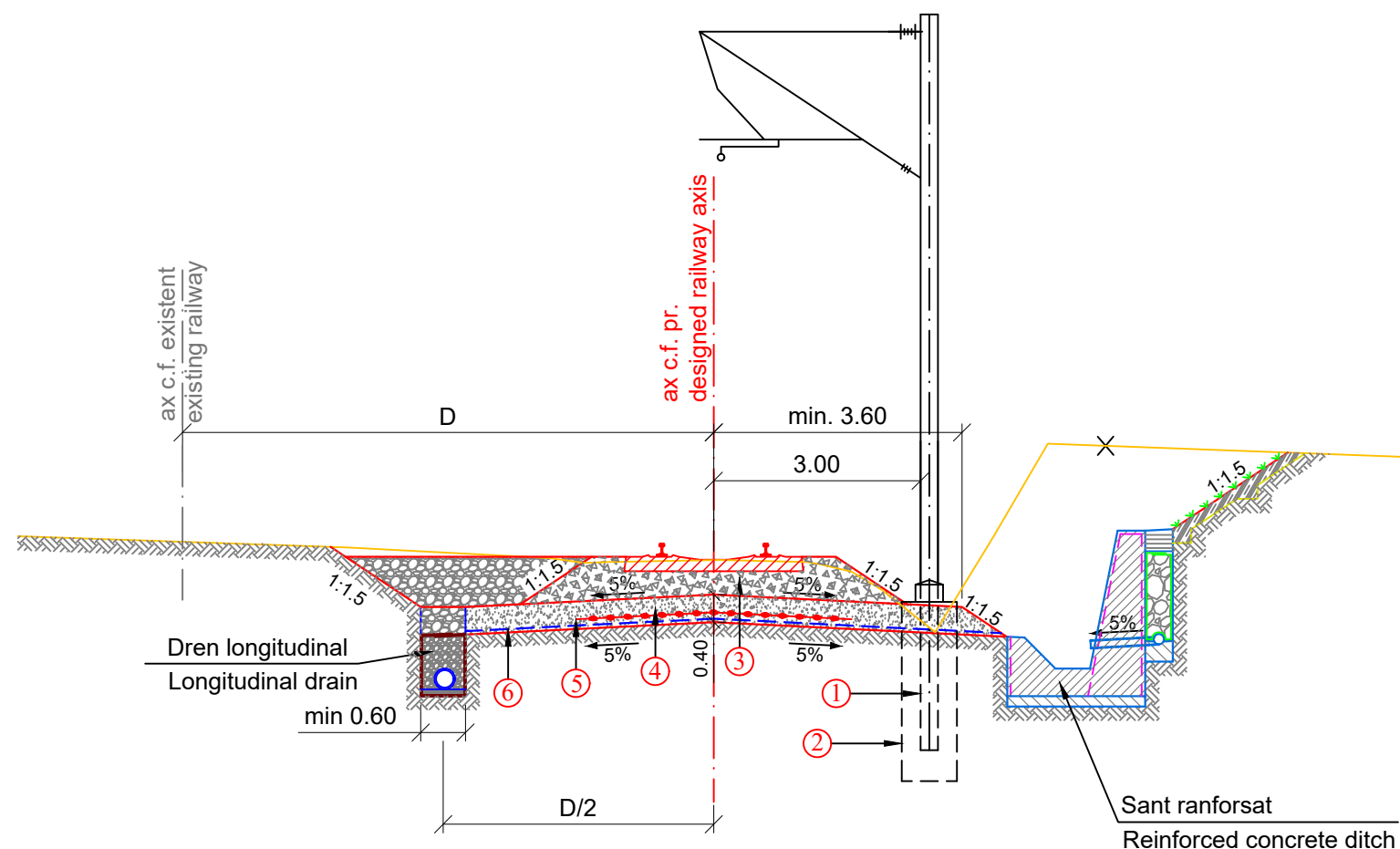
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 CUTTING, SINGLE TRACK WITH LEFT-SIDE LONGITUDINAL DRAIN AND RIGHT-SIDE REINFORCED DITCH  
 SCARA / SCALE 1:100



INTERVALE KILOMETRICE / KILOMETER INTERVALS  
 DROBETA TURNU SEVERIN EST-DROBETA TURNU SEVERIN



- km 360+170.00 - km 360+300.00
- km 362+850.00 - km 362+950.00


DROBETA TURNU SEVERIN - GURA VĂII

- km 364+450.00 - km 365+050.00
- km 365+750.00 - km 365+950.00
- km 371+180.00 - km 371+300.00




LEGENDA/LEGEND

- ① Stalp electrificare  
Electrification pole
- ② Fundatie stalp electrificare  
Electrification pole foundation
- ③ Piatra sparta  
Crushed stone
- ④ Substratul caii  
Subgrade
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Biaxial geogrids
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Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal  
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Filling out of non-cohesive material

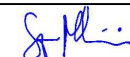
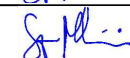
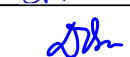





**CLIENT / CLIENT** C.N.C.F. "C.F.R." - S.A.

**CONSULTANT / CONSULTANT**

Faza Phase	Positia Position	Nume Name	Data Date	Semnatura Signature
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020	
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020	
Intocmit Elaborated	Proiectant Designer	Doina ZINCULESCU	09.2020	

**SUBCONSULTANT / SUBCONSULTANT**

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible			
Intocmit Elaborated	Proiectant Designer			

**Studiu de Fezabilitate pentru Reabilitarea liniei feroviare Craiova - Drobeta Turnu Severin - Caransebes, parte a Coridorului Orient/Est Mediteranean - Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes**

Proiect/Project  
74 / 2018  
Faza/Phase  
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**Denumire / Title :**  
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 DEBLEU, CALE SIMPLA CU DREN LONGITUDINAL STANGA SI SANT RANFORSAT DREAPTA  
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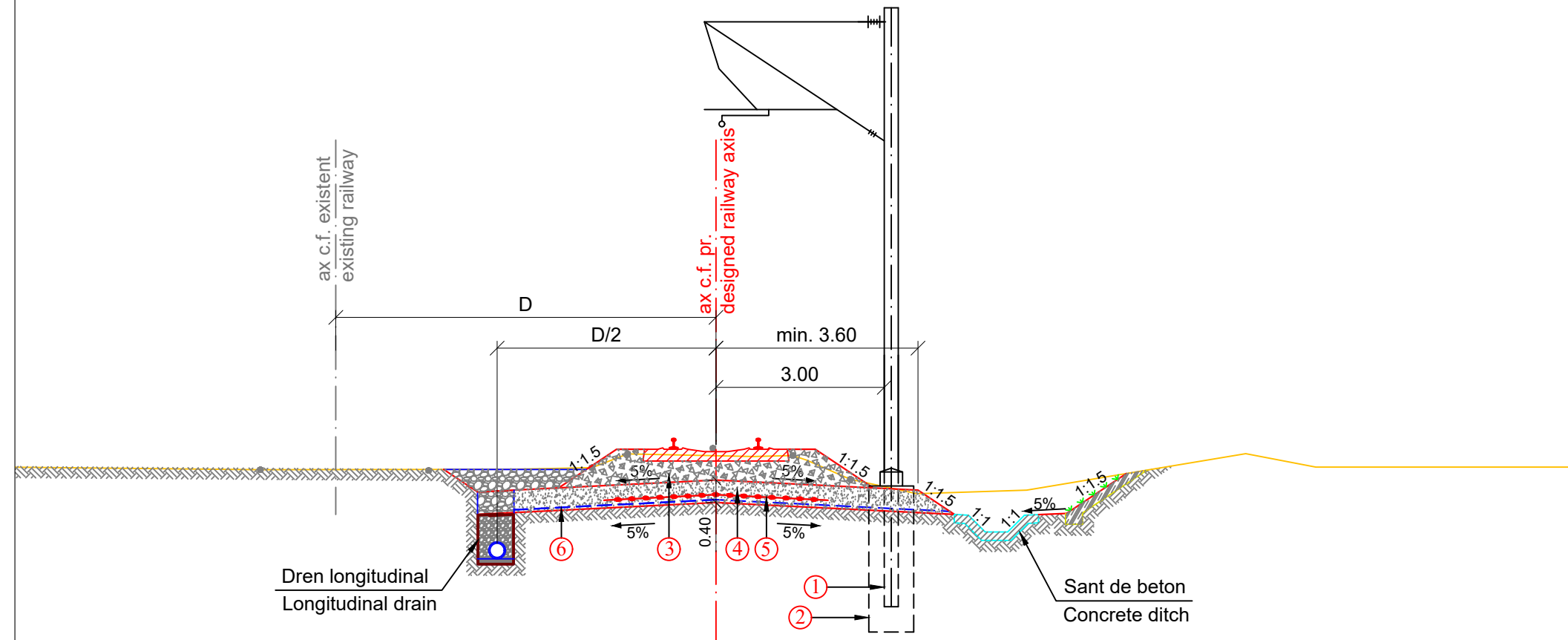
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PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION  
 CALE SIMPLA, CU DREN LONGITUDINAL STANGA SI SANT DE BETON DREAPTA  
 SINGLE TRACK, WITH LEFT-SIDE LONGITUDINAL DRAIN  
 AND AT RIGHT-SIDE CONCRETE DITCH  
 SCARA / SCALE 1:100



INTERVALE KILOMETRICE / KILOMETER INTERVALS  
 DROBETA TURNU SEVERIN EST- DROBETA TURNU SEVERIN

km 359+845.00 - km 360+170.00
km 360+300.00 - km 360+700.00
km 362+450.00 - km 362+850.00

DROBETA TURNU SEVERIN - GURA VĂII



km 365+050.00 - km 365+750.00
km 365+950.00 - km 366+050.00


VARCIOROVA - ORSOVA

km 385+975.00 - km 386+600.00
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LEGENDA/LEGEND

- ① Stalp electrificare  
Electrification pole
- ② Fundatie stalp electrificare  
Electrification pole foundation
- ③ Piatra sparta  
Crushed stone
- ④ Substratul caii  
Subgrade
- ⑤ Geogrilile biaxiale  
Biaxial geogrids
- ⑥ Geotextilii separatie  
Separating geotextiles
- ⑦ Protectie taluz cu pamint vegetal  
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv  
Filling out of non-cohesive material

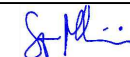







**CLIENT / CLIENT** C.N.C.F. "C.F.R." - S.A.

**CONSULTANT / CONSULTANT**

Faza Phase	Positia Position	Nume Name	Data Date	Semnatura Signature
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Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020	
Intocmit Elaborated	Proiectant Designer	Doina ZINCULESCU	09.2020	

**SUBCONSULTANT / SUBCONSULTANT**

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible			
Intocmit Elaborated	Proiectant Designer			

*Studiu de Fezabilitate pentru Reabilitarea liniei feroviare Craiova - Drobeta Turnu Severin - Caransebes, parte a Coridorului Orient/Est Mediteranean - Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes*

Proiect/Project  
74 / 2018  
Faza/Phase  
S.F.

**Denumire / Title :**  
 PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION  
 CALE SIMPLA, CU DREN LONGITUDINAL STANGA SI SANT DE BETON DREAPTA  
 SINGLE TRACK, WITH LEFT-SIDE LONGITUDINAL DRAIN  
 AND AT RIGHT-SIDE CONCRETE DITCH

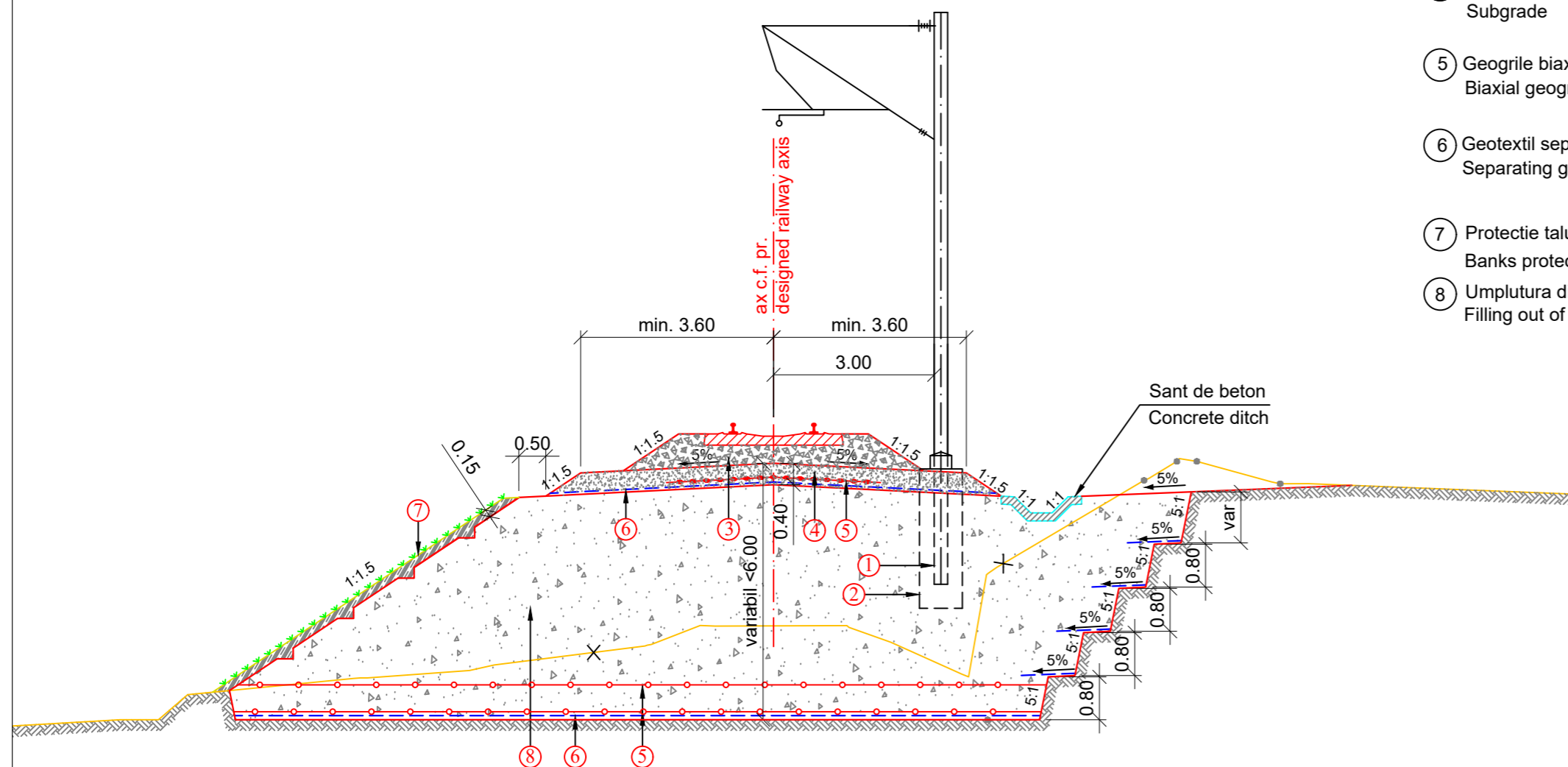
**Codificare / Codification System**  
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**Istoricul reviziilor / Revision History**

Rev.	Data/Date	Descriere Modificare / Modification description
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3		
4		

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PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION  
 CALE SIMPLA, RIDICARE DE NIVELETA PE ZONE INUNDABILE SI SANT DE BETON DREAPTA  
 SINGLE TRACK, LEVEL RISE ON THE FLOODABLE AREAS AND CONCRETE DITCH ON THE  
 RIGHT SIDE  
 SCARA / SCALE 1:100



INTERVALE KILOMETRICE / KILOMETER INTERVALS  
 DROBETA TURNU SEVERIN - GURA VĂII  
 km 367+050.00 - km 368+250.00

LEGENDA/LEGEND

- ① Stalp electrificare  
Electrification pole
- ② Fundatie stalp electrificare  
Electrification pole foundation
- ③ Piatra sparta  
Crushed stone
- ④ Substratul caii  
Subgrade
- ⑤ Geogriile biaxiale  
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Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal  
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv  
Filling out of non-cohesive material

<b>CLIENT / CLIENT</b> C.N.C.F. "C.F.R." - S.A.																			
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