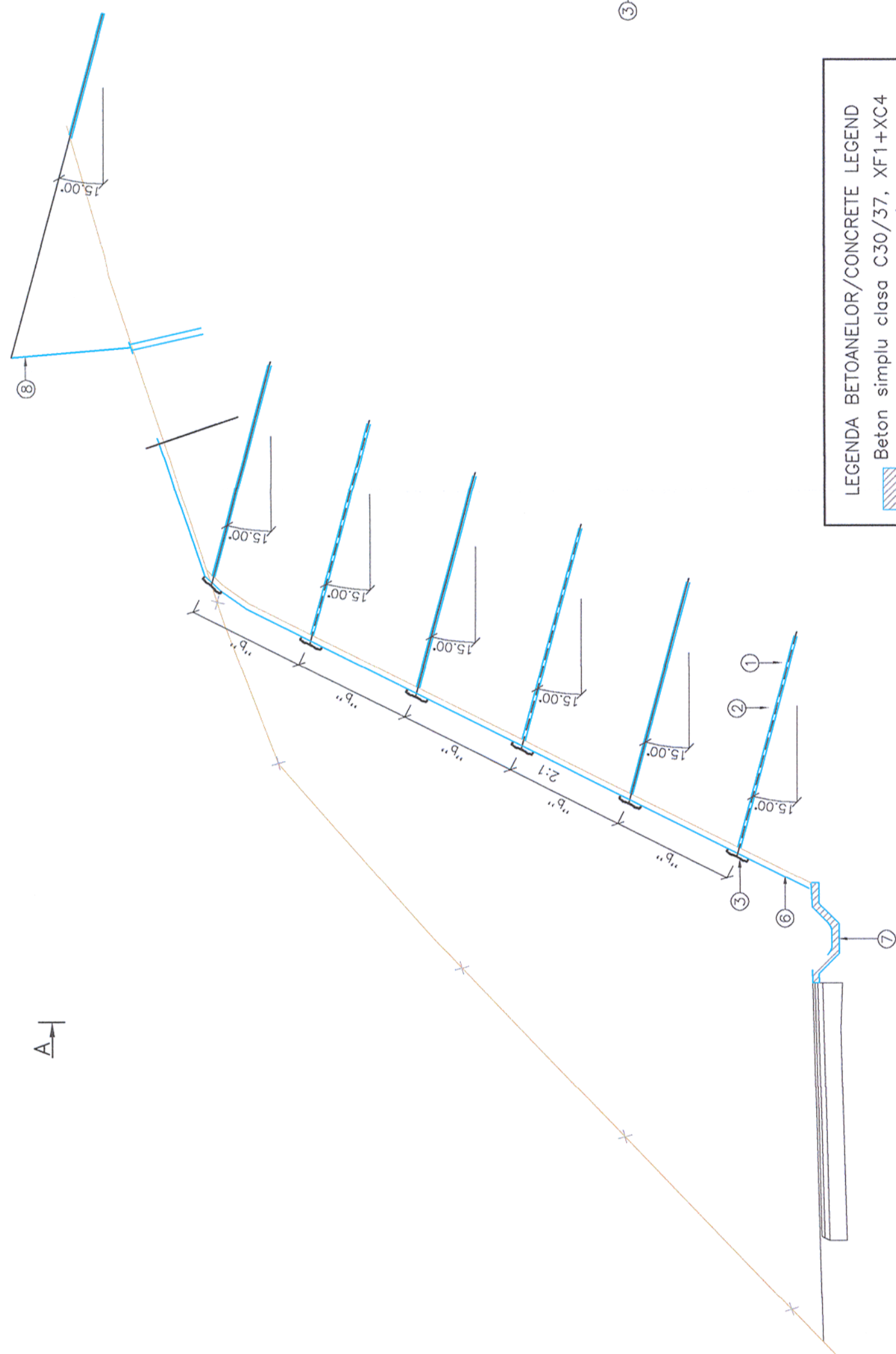


PROFIL TRANSVERSAL TIP 3 /CROSS SECTION TYPE 3

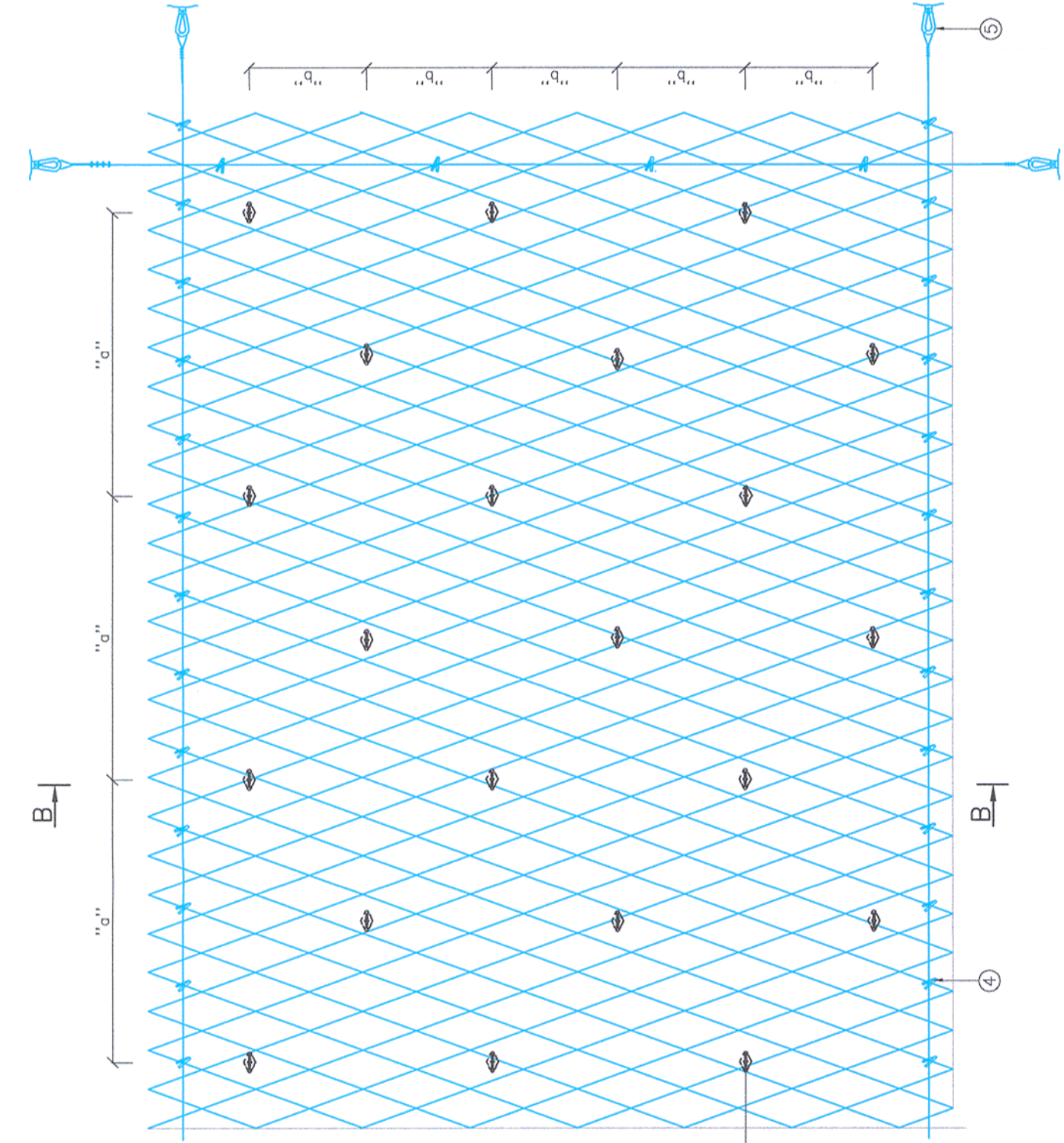
Protecție versant cu plasa ancorată /Protecting the versant with anchored mesh

km 523+750.00 – km 523+870.00, L=120m

SECTIUNEA TRANSVERSALA B-B / CROSS SECTION B-B



VEDEREA A-A / VIEW A-A



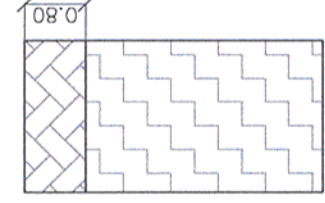
LEGENDA:

- 1. Tijă de ancoraj
- 2. Injectare cu mortar de ciment
- 3. Placă de ancoraj
- 4. Clip de conectare
- 5. Ancora din cablu spiralat
- 6. Plasa oțel de înaltă rezistență
- 7. Sant din beton
- 8. Barieră împotriva caderilor de pietre și/sau bariere de protecție împotriva torentelor

LEGENDA:

- 1. Anchorage bar
- 2. Cement mortar injection
- 3. Anchorage plate
- 4. Meshes connector
- 5. Anchor of spiral cable
- 6. Mesh made of high resistance steel
- 7. Concrete ditch
- 8. Barrier against rock falling and/ or protection barriers against debris flows.

FISA FORAJULUI (BOREHOLE LOG) nr. F1
cota forajului: conform plan
(drill elevation: according to plan)
km 523+450



Deluviu de apnă construit din praf argilos-nisipos, cafeiniu, plastic vartos
in amestec cu pragmente de roca/Slope sedimentary material made of
brown sandy-clayey dust, plastic stiff mixed with rock fragments

Roca in loc – gresie cenusie cu inseratii de cuaternar/
Rock – grey sandstone with quaternary

Caracteristici tehnice pentru plasa de inalta rezistenta:
-rezistenta minima la tractiune $f_t \geq 1770$ N/mm²
-rezistenta la tractiune plasa ≥ 150 kN/m
-rezistenta la stropungere ≥ 180 kN/m
-rezistenta la forfecare ≥ 90 kN/m
-protectie anticoroziva cu aliaj Aluminiu-Zinc

Technical features of the high resistance net:
-minimal resistance to traction $f_t \geq 1770$ N/mm²
-resistance to net traction ≥ 150 kN/m
-resistance to piercing ≥ 180 kN/m
-resistance to shredding ≥ 90 kN/m
-anticorrosive protection with Aluminium-Zinc alloy

NOTA:
1. Ancorele propuse sunt de tip bara plina, cu $\varnothing 28$ mm, dispuse in sah astfel $a=2.70$ m si $b=2.70$ m.

2. Ancorele trebuie sa patrunda minim 2.00–2.50m in stratul de roca nealterata.

3. Sistemul (plasa) trebuie sa treaca dincolo de coama cu minim 2.50m.

NOTE:

- 1. The proposed anchors are of solid bar type, with $\varnothing 28$ mm, cross placed, namely $a=2.70$ m and $b=2.70$ m
- 2. The anchors have to penetrate minimum 2.00–2.50m in the non-deteriorated layer of rock.
- 3. The (mesh) system has to exceed the crest with minimum 2.50m

Acest plan anuleaza si inlocuieste versiunea anterioara.
This plan cancels and replaces previous version.



Verificator / Expert Checker / Expert	Cerinta Requirement	Semnatura Signature	Referat / Expertiza Report / Expertise		
		MINISTERUL TRANSPORTURILOR			
		BENEFICIAR / BENEFICIARY : 			
PROIECTANT / DESIGNER:		COMPANIA NAȚIONALĂ DE CĂI FERATE "CFR" SA			
Aprobat Approved		Sef de echipa Team leader	C. Teodorescu	01.2013	Semnatura Signature
Verificat Checked		Expert Cheile Key Expert	L. Marculescu	01.2013	
Subcontractant / Subcontractor 					
Aprobat Approved		Adjunct Sef de echipa Deputy Team leader	A.M. Baicu	01.2013	
Proiectat Designed		Proiectant Designer	I. Osiac	01.2013	
"Reabilitarea liniei c.f. Frontieră - Simeria, parte componentă a coridorului IV Pan - European pentru circulația trenurilor cu viteză maximă de 160 km/h"				Project 9i 35311.1	
"Rehabilitation of the Railway Line Border - Curtici - Simeria, component Part of the IV Pan - European Corridor for the Trains Circulation with maximum speed of 160 km/h"				Faza / Phase: PTh +CS / TD + TS	
Denumire desen / Drawing Title : INTERVAL ILTEU - CAMPURI SURDUC Profil transversal tip 3 / Cross section type 3					
Scara / Scale 1:50	Revizia / Revision 1/16.05.2013	Cod desen / Drawing Code PT.02.01.17.CO.205		Nr. / No 06/10	