



Regular Cross
Section H = 15.00 m - 19.00 m
M=1:50

Fir II / Track II

Legend:

1. Leveling concrete, class C12/15
2. Retaining wall foundation made of reinforced concrete, class C 30/37; XA1, XC4, XF2, watertight (WU)
3. Header shell reinforced concrete, class C 30/37; XA1, XC4, XF2, watertight (WU)
4. Weeper made of PVC Ø50mm
5. Drain foundation made of plain concrete, class 16/20
6. PEHD tube Ø150mm, slitted or drilled at the upper part (120°)
7. Corner region filling made of gravel sort 7/31
8. 2-Layers Hydraway 2000, width 18"
9. Geotextile with separation role (1000g/m²)
10. weeper made of PVC Ø110mm
11. Shotcrete shell made of reinforced concrete C25/30, XF1
12. Boreholes for drainage shotcrete shell, Ø50mm, 2pieces/m², arrangement in vertical lines
13. Permanent rocknails, BST 500S, GEWI, boreholediameter 150mm, a=1.50m, b=1.50m (micropiles)
14. Even bed of shotcrete beside Hydraway
15. Railing made of steel with corrosion protection
16. Drainage trough, precast concrete, install in mortar bed
17. Vegetation layer dz10cm
18. Coconut mat with grass seed and wooden dowels
19. Concealed joint placed at a height of 6m

MINISTERUL TRANSPORTURILOR
BENEFICIAR / BENEFICIARY:
COMPANIA NATIONALA DE CAI FERATE "CFR" SA

PROIECTANT / DESIGNER:		Semnatura / Signature		Referat / Expertiza / Report / Expertise	
Aprobat / Approved	Sef de echipa / Team leader	C. Teodorescu		Data / Date	06/2013
Verificat / Checked	Expert Cheie / Key Expert	M. Diegmann			06/2013
Aprobat / Approved	Adjunct Sef de echipa / Deputy Team leader	J. Werfling			06/2013
Proiectat / Designed	Inginer / Engineer	D. Ciotarnel			06/2013

Scara / Scale: 1:50
Cod desen / Drawing Code: RWC 4

Nr / No: RWC 4

Denumire desen / Drawing name:
RETAINING WALLS, REGULAR CROSS
SECTION H = 15.00 m to 19.00 m

"Reabilitarea liniei c.f. Frontiera - Curtici - Simeria, parte componenta a coridorului IV Pan - European pentru circulatia trenurilor cu viteza maxima de 160 km/h"
"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"
Section 2 : km 614-Gurasada