PARDOSEALA ASFALT - PAVING ASPHALT
SUPORT PARDOSEALA BETON SLAB ARMAT - SUPORT LA YER OF THE PAVING FROM PLAIN CONCRETE
STRAT DE REPARTITIE DIN BALAST - DISTRIBUTION LAYER FROM BALLAST
UMPLUTURA PAMANT - EARTH GRATING
SAPA PROTECTIE DIN MORTAR DE CIMENT ARMAT - REINFORCED CEMENT MORTAR PROTECTION LAYER
HIDROIZOLATIE POLIETILENA tip matlia dendafate cu suport GEOTEXTIL si protectie FOLIE ALUMINIU
WATERPROOFING MEMBRANE high density POLYETHYLENE with GEOTEXTILE support & protection ALUMINUM FOIL
SAPA DE NIVELARE DIN MORTAR DE CIMENT M100 - M100 MORTAR LAYER EQUALIZER
BETON ARMAT - REINFORCED CONCRETE
TENCUIALA - PLASTER
VOPSEA LAVABILA - WASHABLE PAINT

SECT. C-C
SECT. B-B
SECT. D-D
AX LINIA 2 PROIECTATA DESCHISA PE LINIA 2 TRACK 2 OPEN
AX LINIA 3 PROIECTATA DESCHISA PE LINIA 3 TRACK 3 OPEN
AX LINIA 4 PROIECTATA DESCHISA PE LINIA 4 TRACK 4 OPEN
CAROU PROTECTIE PROTECTION FRAME

BALUSTRADA OTEL INOX - STAINLESS STEEL HANDRAIL
PLACAJ GRESIE - CERAMIC TILES PLATTING
PARAPET DIN BETON ARMAT 20CM - GUARD RAIL OF REINFORCED CONCRETE 20CM

PERON 1 PASAJ 1 - 4 8 7 TRACK PLATFORM
PERON 2 PASAJ 2 - 3 5 6 TRACK PLATFORM
PERON 3 PASAJ 4 - 2 1 4 TRACK PLATFORM
PERONUL LINIA 1 FIRST TRACK PLATFORM
+0.30 Superior level of the railway track 300.871 Superior level of the railway track - 300.871

UMPLUTURA PAMANT - EARTH GRATING
ZIDARIE PROTECTIE CARAMIDA12 SCM - PROTECTION MASONRY WALL 12.5
HIDROIZOLATIE POLIETILENA tip matlia dendafate cu suport GEOTEXTIL si protectie FOLIE ALUMINIU
WATERPROOFING MEMBRANE high density POLYETHYLENE with GEOTEXTILE support & protection ALUMINUM FOIL
SAPA DE NIVELARE DIN MORTAR DE CIMENT M100 - M100 CEMENT MORTAR LAYER EQUALIZER
PERETE BETON ARMAT - REINFORCED CONCRETE WALL
TENCUIALA - PLASTER
PLACAJ GRESIE - CERAMIC TILES PLATTING

T 02 CAMERA TEHNICA 3.30MP
T 02 TEHNICAL ROOM 3.30MP

BASA 60x60x135CM CU GRILAJ METALIC
DRAINAGE 60x60x135CM & METALLIC GRILLAGE

CORP ILUMINAT FLUORESCENT 1x36W
LIGHTING FLUORESCENT 1x36W

+0.15 Beton NSS
-0.70 Trel NSS
-4.90 Beton NSS

SECTIUNE A - A 1/50
A - A SECTION 1/50

GRESIE ANTIDERAPANTA – ANTISKID SANDSTONE TILES
SAPA MORTAR DE PANTA – DOWNHILL MORTAR
SAPA BETON 20CM - CONCRETE LAYER 20 CM - 15x15cm/ Ø8mm
BETON ARMAT - REINFORCED CONCRETE
HIDROIZOLATIE POLIETILENA tip matlia dendafate cu suport GEOTEXTIL si protectie FOLIE ALUMINIU
WATERPROOFING MEMBRANE high density POLYETHYLENE with GEOTEXTILE support & protection ALUMINUM FOIL
SAPA DE NIVELARE DIN MORTAR DE CIMENT - CEMENT MORTAR LAYER EQUALIZER
FUNDATIE DE BETON - CONCRETE FOUNDATION
STRAT DIN BALAST STABILIZAT (realizat dupa o compactare suplimentara a fundului sapaturii)
LAYER FROM STABILIZED BALAST (done after compaction of the excavation bottom)
LINIE SAPATURA - DIGGING LINE
TEREN NATURAL – NATURAL TERRAIN

BALUSTRADA OTEL INOX - STAINLESS STEEL HANDRAIL

PARDOSEALA ASFALT - PAVING ASPHALT
SUPORT PARDOSEALA BETON SLAB ARMAT - SUPORT LAYER OF THE PAVING FROM PLAIN CONCRETE
STRAT DE REPARTITIE DIN BALAST - DISTRIBUTION LAYER FROM BALLAST
UMPLUTURA PAMANT - EARTH GRATING
SAPA PROTECTIE DIN MORTAR DE CIMENT ARMAT - REINFORCED CEMENT MORTAR PROTECTION LAYER
HIDROIZOLATIE POLIETILENA tip matlia dendafate cu suport GEOTEXTIL si protectie FOLIE ALUMINIU
WATERPROOFING MEMBRANE high density POLYETHYLENE with GEOTEXTILE support & protection ALUMINUM FOIL
SAPA DE NIVELARE DIN MORTAR DE CIMENT M100 - M100 MORTAR LAYER EQUALIZER
BETON ARMAT - REINFORCED CONCRETE
TENCUIALA - PLASTER
VOPSEA LAVABILA – WASHABLE PAINT

SECT. A-A
ETANSARE CU MASTIC DE BITUM - BUTUMINOS MASTIC SEALING
BALUSTRADA OTEL INOX - STAINLESS STEEL HANDRAIL
PLACAJ GRESIE - CERAMIC TILES PLATTING
PARAPET DIN BETON ARMAT 20CM - GUARD RAIL OF REINFORCED CONCRETE 20CM
ETANSARE CU MASTIC DE BITUM - BUTUMINOS MASTIC SEALING
+0.30 NSS Pratorul=300.871 Superior level of the railway track = 300.871
+0.30 NSS Pratorul=300.871 Superior level of the railway track = 300.867
CORP ILUMINAT FLUORESCENT 1x36W
LIGHTING FLUORESCENT 1x36W
-0.15 Beton NSS
-0.70 Trel NSS
-4.90 Beton NSS
GRESIE ANTIDERAPANTA – ANTISKID SANDSTONE TILES
SAPA MORTAR DE PANTA – DOWNHILL MORTAR
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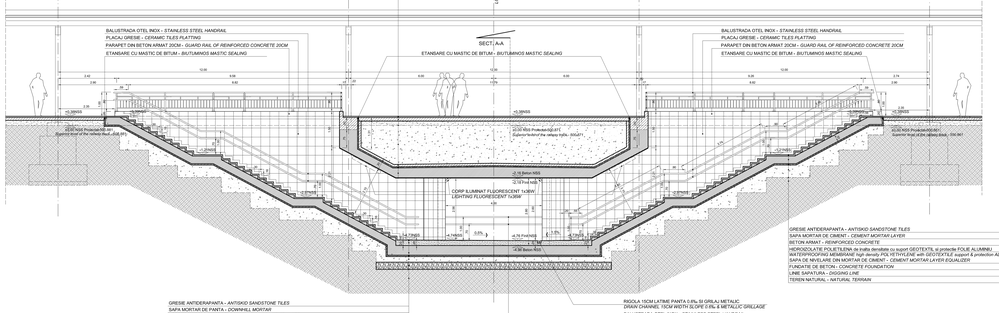
WATERPROOFING MEMBRANE high density POLYETHYLENE with GEOTEXTILE support & protection ALUMINUM FOIL
SAPA DE NIVELARE DIN MORTAR DE CIMENT - CEMENT MORTAR LAYER EQUALIZER
FUNDATIE DE BETON - CONCRETE FOUNDATION
STRAT DIN BALAST STABILIZAT (realizat dupa o compactare suplimentara a fundului sapaturii)
LAYER FROM STABILIZED BALAST (done after compaction of the excavation bottom)
LINIE SAPATURA - DIGGING LINE
TEREN NATURAL – NATURAL TERRAIN
RIGOLA 150CM LATIME PANTA 0.6% SI GRILAJ METALIC
DRAIN CHANNEL 150CM WIDTH SLOPE 0.6% & METALLIC GRILLAGE
BALUSTRADA OTEL INOX – STAINLESS STEEL HANDRAIL

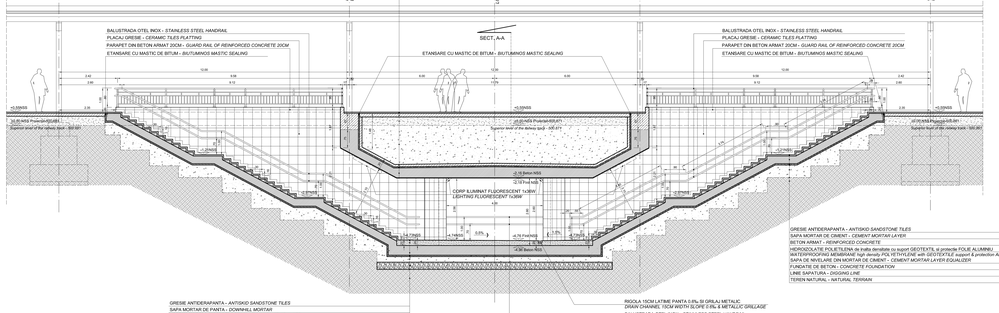
SECTIUNE D - D 1/50
D - D SECTION 1/50

AX LINIA 1 PROIECTATA DESCHISA PE LINIA 1 TRACK 1 OPEN
AX LINIA 2 PROIECTATA DESCHISA PE LINIA 2 TRACK 2 OPEN
AX LINIA 3 PROIECTATA DESCHISA PE LINIA 3 TRACK 3 OPEN
AX LINIA 4 PROIECTATA DESCHISA PE LINIA 4 TRACK 4 OPEN
AX LINIA 1 PROIECTATA DESCHISA PE LINIA 1 TRACK 1 OPEN
AX LINIA 2 PROIECTATA DESCHISA PE LINIA 2 TRACK 2 OPEN
AX LINIA 3 PROIECTATA DESCHISA PE LINIA 3 TRACK 3 OPEN
AX LINIA 4 PROIECTATA DESCHISA PE LINIA 4 TRACK 4 OPEN
AX STALP CONSTRUCTIE DOME COLUMN AXIS
AX STALP CONSTRUCTIE DOME COLUMN AXIS
AX LONGITUDINAL TUNEL PIETONAL LONGITUDINAL AXIS OF THE PEDESTRIAN TUNNEL
AX STALP CONSTRUCTIE DOME COLUMN AXIS
AX STALP CONSTRUCTIE DOME COLUMN AXIS
AX STALP CONSTRUCTIE DOME COLUMN AXIS
AX STALP CONSTRUCTIE DOME COLUMN AXIS
AX LONGITUDINAL TUNEL PIETONAL LONGITUDINAL AXIS OF THE PEDESTRIAN TUNNEL
AX STALP CONSTRUCTIE DOME COLUMN AXIS
AX STALP CONSTRUCTIE DOME COLUMN AXIS



GRESIE ANTIDERAPANTA – ANTISKID SANDSTONE TILES
SAPA MORTAR DE CIMENT - CEMENT MORTAR LAYER
BETON ARMAT - REINFORCED CONCRETE
HIDROIZOLATIE POLIETILENA tip matlia dendafate cu suport GEOTEXTIL si protectie FOLIE ALUMINIU
WATERPROOFING MEMBRANE high density POLYETHYLENE with GEOTEXTILE support & protection ALUMINUM FOIL
SAPA DE NIVELARE DIN MORTAR DE CIMENT - CEMENT MORTAR LAYER EQUALIZER
FUNDATIE DE BETON - CONCRETE FOUNDATION
STRAT DIN BALAST STABILIZAT (realizat dupa o compactare suplimentara a fundului sapaturii)
LAYER FROM STABILIZED BALAST (done after compaction of the excavation bottom)
LINIE SAPATURA - DIGGING LINE
TEREN NATURAL – NATURAL TERRAIN

SECTIUNE B - B 1/50
B - B SECTION 1/50



GRESIE ANTIDERAPANTA – ANTISKID SANDSTONE TILES
SAPA MORTAR DE PANTA – DOWNHILL MORTAR
SAPA BETON 20CM - CONCRETE LAYER 20 CM - 15x15cm / Ø8mm
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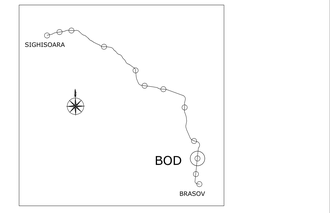
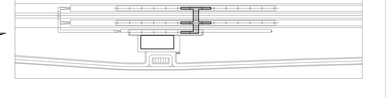
WATERPROOFING MEMBRANE high density POLYETHYLENE with GEOTEXTILE support & protection ALUMINUM FOIL
SAPA DE NIVELARE DIN MORTAR DE CIMENT - CEMENT MORTAR LAYER EQUALIZER
FUNDATIE DE BETON - CONCRETE FOUNDATION
STRAT DIN BALAST STABILIZAT (realizat dupa o compactare suplimentara a fundului sapaturii)
LAYER FROM STABILIZED BALAST (done after compaction of the excavation bottom)
LINIE SAPATURA - DIGGING LINE
TEREN NATURAL – NATURAL TERRAIN
RIGOLA 150CM LATIME PANTA 0.6% SI GRILAJ METALIC
DRAIN CHANNEL 150CM WIDTH SLOPE 0.6% & METALLIC GRILLAGE
BALUSTRADA OTEL INOX – STAINLESS STEEL HANDRAIL

SECTIUNE C - C 1/50
C - C SECTION 1/50



TUNEL PIETONAL NOU STATIA CF BOD
NEW PEDESTRIAN TUNNEL BOD RAILWAY STATION



D						
C						
B						
A						
Index / Index	Data / Date	Modificare / Modification/Revision		Proiectat / Designed	Nr.Aprobare Consultant / Approval Consultant	Nr.Aprobare CFR / Approval CFR

GUVERNUL ROMANIEI / ROMANIAN GOVERNMENT
PROIECT FINANTAT DE UNIUNEA EUROPEANA / EUROPEAN UNION FINANCED PROJECT

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

CONSULTANT / CONSULTANT

			Data / Date	Semnatura / Signature
Numar/ Number	Nr. persoane / Number of persons	R. Ilaicia	12. 2011	
Numar/ Number	Coordonator Sectiune / Section Coordinator	C. Gertrudi	12. 2011	
Numar/ Number	Coordonator / Coordinator	Giuseppe Fioravanti	12. 2011	

SUBCONTRACTANT / SUBCONTRACTOR

Numar/ Number	Responsabil Subcontractor / Subcontractor Responsible	A.Stanciu - Dinulescu	12. 2011
Numar/ Number	Responsabil / Designer	Andrei Milz	12. 2011

Reabilitarea liniei de cale ferata Brasov - Simeria, parte componenta a coridorului IV Pan European, pentru circulatia trenurilor cu viteza maxima de 160 km/h, Sectiunea - Brasov - Bughiasa
Rehabilitation of the railway line Brasov - Simeria, component Part of the IV Pan-European Corridor, for the trains circulation with maximum speed of 160 km/h, Section - Brasov - Bughiasa

Project/Proiect: 2004/RO/16/P/PA/003

Faza / Phase: P-Te. / T.D.

Denumire desen / Drawing Title:
SECTIUNE LONGITUDINALA A-A TUNEL PIETONAL STATIA CF BOD – LONGITUDINAL SECTION A-A PEDESTRIAN TUNNEL BOD RAILWAY STATION
SECTIUNE TRANSVERSALA B-B TUNEL PIETONAL STATIA CF BOD – TRANSVERSAL SECTION B-B PEDESTRIAN TUNNEL BOD RAILWAY STATION
SECTIUNE TRANSVERSALA C-C TUNEL PIETONAL STATIA CF BOD – TRANSVERSAL SECTION C-C PEDESTRIAN TUNNEL BOD RAILWAY STATION

Codificare / Codification System: RAST 01 C 016 P0 CC 010 2 4 0012 2

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