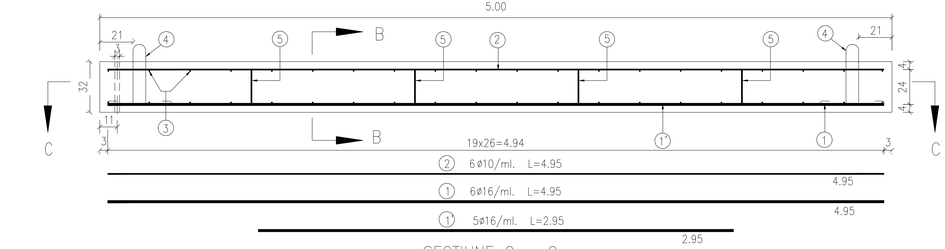
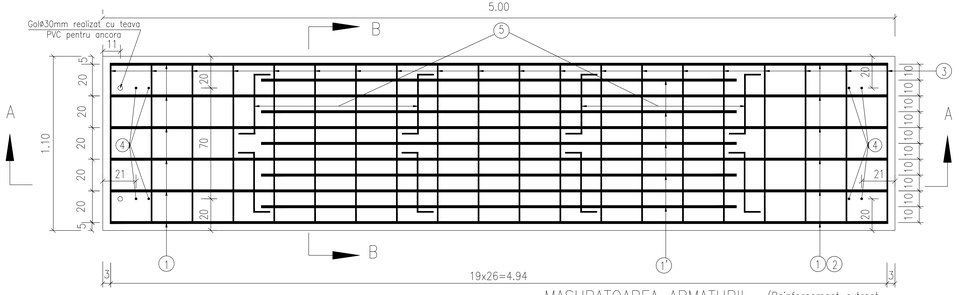
PLACA DE RACORDARE PREFABRICATA — PRECAST TRANSITION SLABS

Sc. 1:20

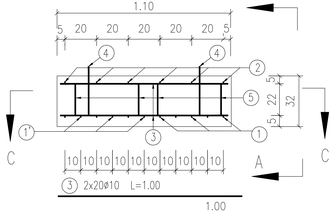
SECTIUNE A – A / SECTION A – A



SECTIUNE C – C



SECTIUNE B – B / SECTION B – B



MASURATOAREA ARMATURII PENTRU O PLACA L=5.00m

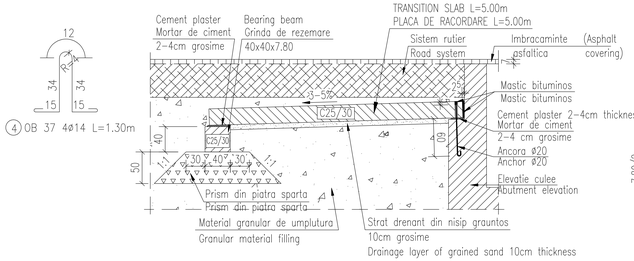
(Reinforcement extract for a slab L=5.00m)

M	ø mm	n buc	L ml	PC52 ø16	OB37 ø10	OB37 ø14
1	16	6	4.95	29.70		
1'	16	5	2.95	14.75		
2	10	6	4.95		29.70	
3	10	40	1.00		40.00	
4	14	4	1.30			5.20
5	10	8	1.10		8.80	
LUNGIMI/ø LENGTHS/ø				44.45	78.50	5.20
MASA WEIGHT (kg/m)				1.579	0.617	1.208
MASA/ø WEIGHT (kg)				70.20	48.50	6.30

TOTAL : PC 52 70.20kgx14buc.=985kg
OB 37 54.80kgx14buc.=7672kg

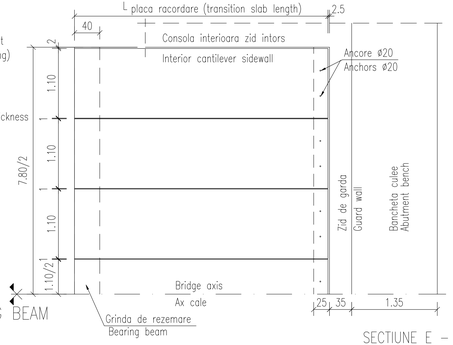
DETALIU ASEZARE PLACI DE RACORDARE

Sc. 1:50



DETALIU DISPUNERE PLACI DE RACORDARE

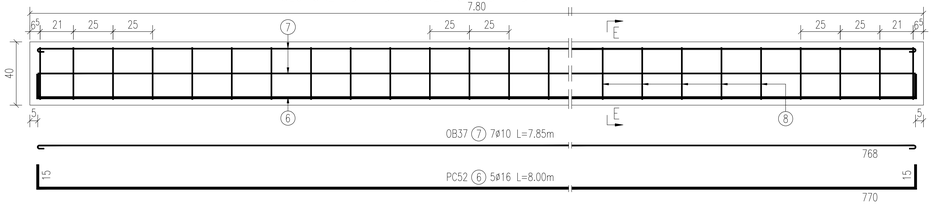
Sc. 1:50



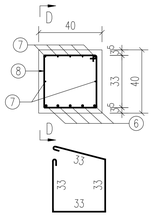
GRINDA DE REZEMARE MONOLITA — CAST IN PLACE BEARING BEAM

Sc. 1:20

SECTIUNE D – D / SECTION D – D



SECTIUNE E – E



MASURATOAREA ARMATURII PENTRU O GRINDA DE REZEMARE

(Reinforcement extract for a bearing beam)

M	ø [mm]	n [buc.]	L [m]	PC52 ø16	OB37 ø10
6	16	5	8.00	40.00	
7	10	7	7.85		54.95
8	10	32	1.45		46.40
Total lungimi pe diametru				40.00	101.35
Masa pe metru				1.578	0.617
Masa pe diametru				64.00	62.50
TOTAL [kg]				64.00	62.50

TOTAL : PC 52 64.00kgx2buc.=128kg
OB 37 62.50kgx2buc.=125kg

Tolerante admise la dimensiunile de baza :

Lungime placa:	±50mm
Latime placa:	±12.5mm
Grosime placa:	±6mm
Planeitate placa:	±10mm

Admited tolerances to the given dimension :

Slab length:	±50mm
Slab width:	±12.5mm
Slab thickness:	±6mm
Plane slab:	+10mm

Clasa beton:	C25/30
Clasa de expunere:	XC1
Impermeabilitate:	P^{10}_{8}
Gelivitate:	G100
Ciment:	CEM II A–S 32.5R
Dimensiune maxima agregate:	16mm
Valoare maxima A/C:	0.50
Clasa de tasare:	S2
Armaturi:	OB37; PC52

Concrete class:	C25/30
Exposure class:	XC1
Impermeability:	P^{10}_{8}
Frost clettness:	G100
Cement:	CEM II A–S 32.5R
Maximun aggregate dimension:	16mm
Maximum value A/C:	0.50
Settling class:	S2
Reinforcement:	OB37; PC52

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Indice Index	Data Date	Modificare Modification/Revision	Proiectant Designer	Aprobat Consultant Approved Consultant	Aprobat CFR Approved CFR
D					
C					
B					
A	11.2011	Revizia 1	Ionela Ungureanu		

GUVERNUL ROMANIEI
ROMANIAN GOVERNMENT

PROIECT FINANTAT DE UNIUNEA EUROPEANA
EUROPEAN UNION FINANCED PROJECT

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

ITALFERR Grupo Ferrovial Agroman Italy — Joint Venture leader
Scott Wilson
OBERMEYER PLANEN + BERATEN GMBH
TECNIC Consulting Engineers

CONSULTANT / CONSULTANT

			Data Date	Semnatura Signature
Aprobat Approved	Sef proiect Project Manager	R. Liuzza		
Aprobat Approved	Coordonator Sectiune 5 Section 5 Coordinator	C. Gambelli		
Verificat Checked	Expert Check Checking Expert	V.Kalliontzitis		

SUBCONTRACTANT / SUBCONTRACTOR: AMCO

Aprobat Approved	Responsabil Subconsultant Responsible Subconsultant	A. Dinulescu Stanciu	11.2011	
Intocmit Elaborated	Proiectant Designer	Ionela Ungureanu	11.2011	

Reabilitarea liniei de cale ferata Brasov - Simeria, parte componenta a coridorului IV Pan European, pentru circulatia trenurilor cu viteza maxima de 160 km/h,
Tronsonul : Brasov - Bighioara
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 - Bighioara

Proiect/Project: 2004/RO/16/P/PA/003
Faza / Phase: P.Th. / T.D.

Denumire desen / Drawing Title :

STATIA BOD

PASAJ SUPERIOR / OVER PASS - Km 182+913.85 L=172.30m

PLAN PLACA DE RACORDARE L=5.00m /CONNECTION BOARD PLAN

Codificare / Codification System	Scara / Scale 1:50; 1:20	LOT / LOT	Nr. / No. 01 / 01
E A 5 1 0 1 E 0 5 B B P A 0 0 1 1 0 1 0 1			