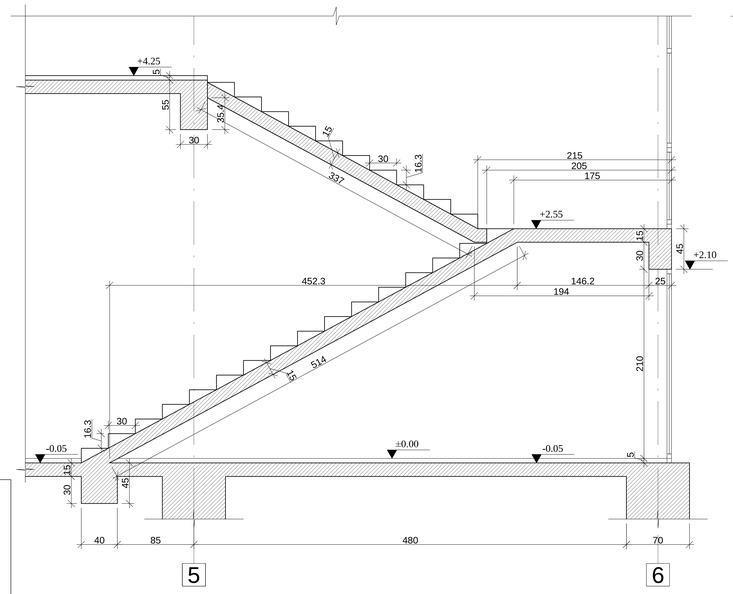
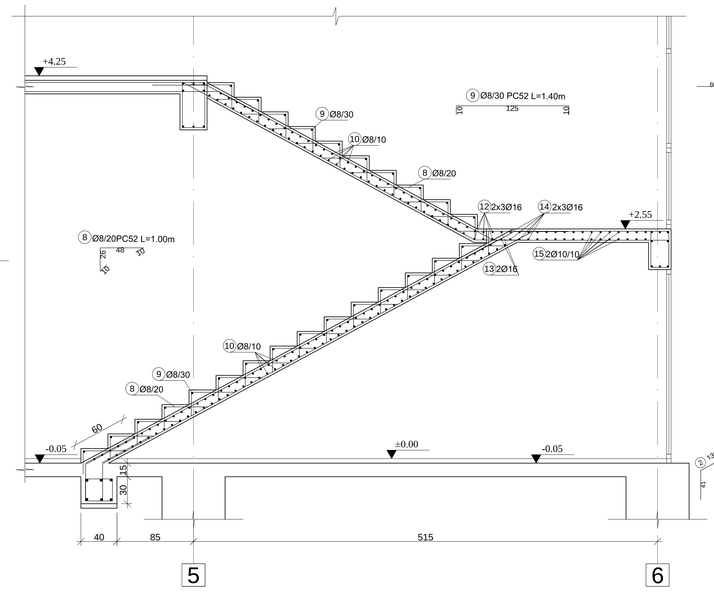
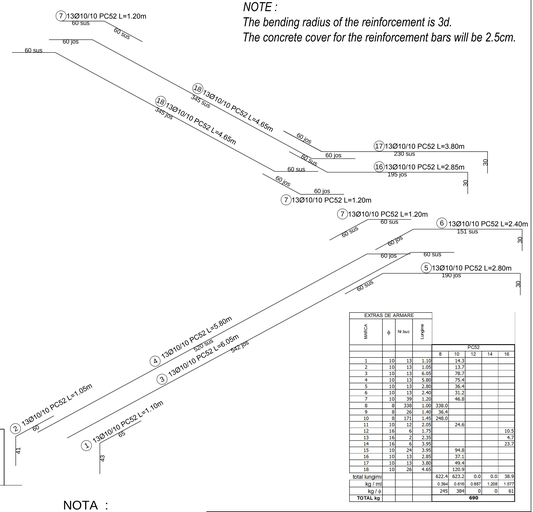


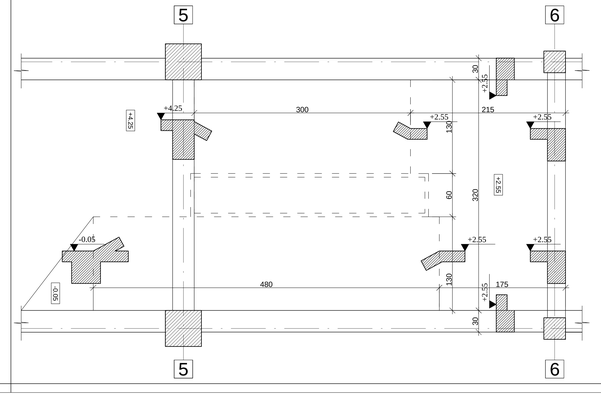


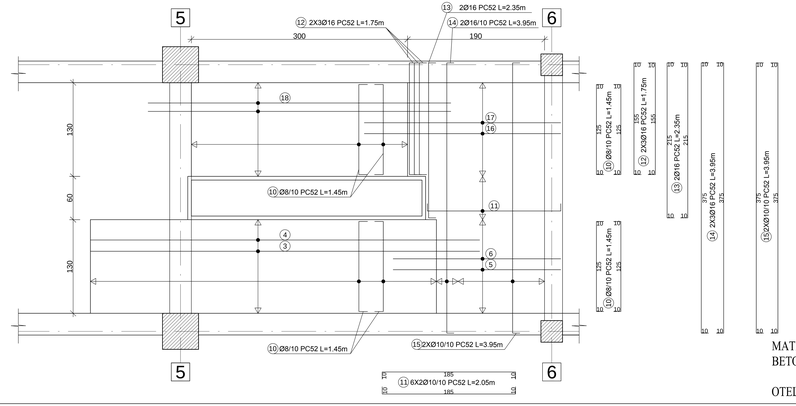


NOTA :
Raza de indoire a armaturilor este de 3d.
Acoperirea armaturilor de rezistenta c=2.5cm .
NOTE :
The bending radius of the reinforcement is 3d.
The concrete cover for the reinforcement bars will be 2.5cm.

EXTRAS DE ARMARE

MARCA	Ø	Nr buc	LUNGIME	PC52				
				8	10	12	14	16
1	10	13	1.10		14.3			
2	10	13	1.05		13.7			
3	10	13	6.05		78.7			
4	10	13	5.80		75.4			
5	10	13	2.80		36.4			
6	10	13	2.40		31.2			
7	10	39	1.20		46.8			
8	8	208	1.00	166.0				
9	8	26	1.40	36.4				
10	8	171	1.45	246.0				
11	10	12	2.05		24.6			
12	16	6	1.75					10.5
13	16	2	2.35					4.7
14	16	6	3.95					23.7
15	10	24	3.95		94.8			
16	10	26	2.85		74.1			
17	10	13	3.80		49.4			
18	10	26	4.65		120.9			
Mlal lungime				422.4	623.2	0.0	0.0	33.5
kg / ml				0.394	0.616	0.887	1.208	1.577
kg / d				243	384	0	0	81
TOTAL kg				690				





NOTA :
Acest plan se va citi impreuna cu plan cofraj placa peste etajul I si cu planul cofraj placa peste parter si plan armare si cofraj grinzi.

NOTE
This plan will be read with the plan "Racos Railway station building formwork plan of slab over first floor" and"Racos Railway station buildin formwork plan of slab over groundfloor" and "Racos Railway station building beams formwork and reinforcement plan".

MATERIALE / MATERIALS :
BETON ARMAT / REINFORCED CONCRETE : C25/30- P4 - T3 - IIA - SR32.5;
OTEL BETON/ REINFORCEMENT :PC52;

Aprobat CFR
Approved CFR

GUVERNUL ROMANIEI
ROMANIAN GOVERNMENT

PROIECT FINANTAT DE UNIUNEA EUROPEANA
EUROPEAN UNION FINANCED PROJECT

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

CLIENT / CLIENT

ITALFERR
GRUPPO FERROVIE DELLO STATO
Joint Venture leader

Scott Wilson

OBERMEYER PLANEN + BERATEN GMBH

TECNIC Consulting Engineers

CONSULTANT / CONSULTANT

			Data / Date	Semnătură / Signature
Aprobat / Approved	Şef proiect / Project manager	R. Liuzza		
Aprobat / Approved	Coordonator Secţiune 1 / Section 1 Coordinator	C. Gambelli		
Verificat / Checked	Verificator / Verifier	Giuseppe Fioravanti		

SUBCONTRACTANT / SUBCONTRACTOR

ANEX

Aprobat / Approved	Responsabil Subconsultant / Subconsultant Responsible	A.Stanciu - Dinulescu		
Întocmit / Elaborated	Proiectant / Designer	Georgescu Georgiana Adina	10.2011	

Reabilitarea liniei de cale ferata Braşov - Simeria, parte componentă a coridorului IV Pan European, pentru circulaţia trenurilor cu viteza maximă de 160 km/h,
Tronsonul : Braşov - Sighişoara
Rehabilitation of the railway line Braşov - Simeria, component Part of the IV Pan-European Corridor, for the trains circulation with maximum speed of 160 km/h,
Section : Braşov - Sighişoara

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

Denumire desen / Drawing Title :

CLADIRE OCC BRASOV PLAN COFRAJ SI ARMARE SCARA
BRASOV OCC BUILDING STAIRCASE FORMWORK AND REINFORCEMENT PLAN

Codificare / Codification System	Scara / Scale 1 : 20	LOT / LOT	Nr. / No. 01 / 01
E A 5 1 0 1 E 0 1 B C C 0 0 1 9 0 2 1 1			