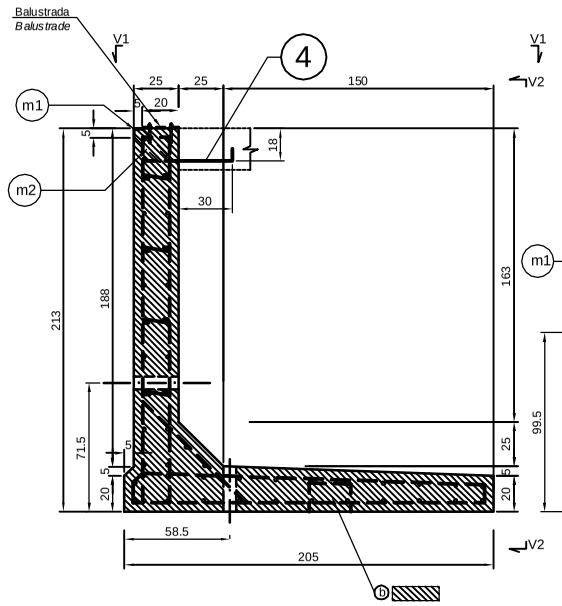
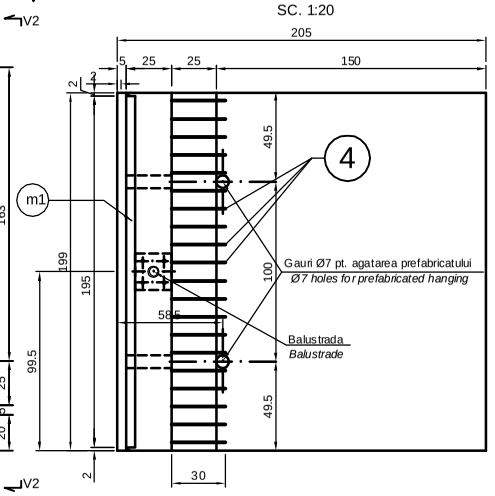
COFRAJ ELEMENT PREFABRICAT ZR2
ENCASING PRECAST CONCRETE UNIT ZR2

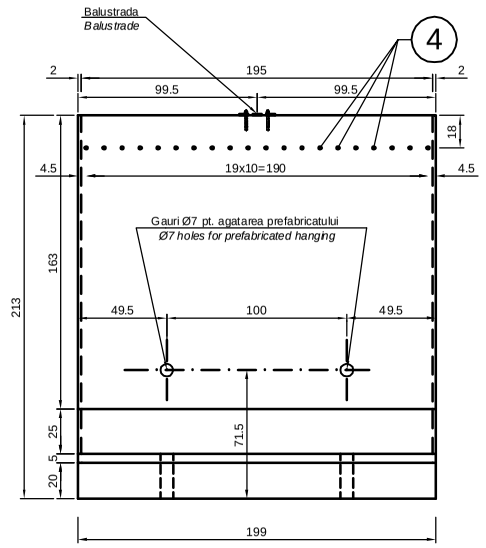
SC. 1:20



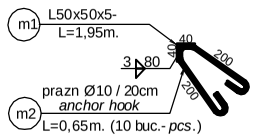
VEDERE V1 - V1
V1 - V1 VIEW
SC. 1:20



VEDERE V2 - V2
V2 - V2 VIEW
SC. 1:20



SC. 1:10 cote/ *dimensions* in mm



m1 - L50x50x5 - 1buc. x 1,95m. x 3,77kg/m. = 7,57kg.
m2 - Ø10 OB37 - 10buc. x 0,65m. = 6,50m. x 0,617kg/m. = 4,13kg.

OTEL / STEEL : S235J2G3 (OL37) TOTAL = 11,7kg.

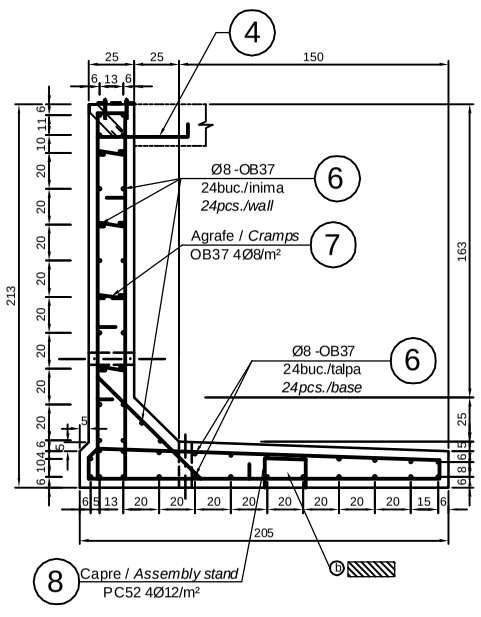
CARACTERISTICI PREFABRICAT ZR2 - 1buc.
ZR2 PREFABRICATED UNIT CHARACTERISTICS - 1pcs.

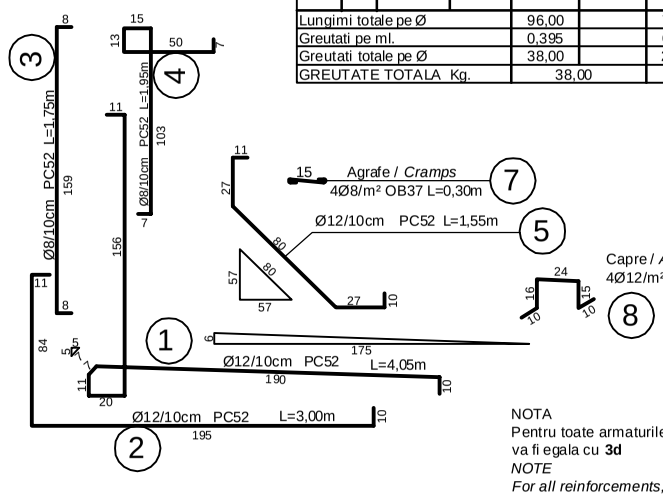
TIP PREFABRICAT PRECAST ELEM. TYPE	BUC. PCS.	VOLUM BETON CONCRETE VOL. C25/30 (m³)	MASA (to) WEIGHT ELEMENT	COFRAJ FORMWORK (m²)	MASA OTEL / STEEL WEIGHT (kg)			
					OTEL BETON / REINFORCEMENT			LAMINATE
					OB37	PC52	TOTAL	OL37
ZR2	28	1.93	4.88	10.50	38.00	192.80	230.80	11.70

- ⓑ BETON ARMAT, vibrat : C 25/30 –P4–T3–IIA 32,5/ 0...16
  OTEL BETON : OB37; PC52
  LAMINATE : S235J2G3 (OL37)
- ⓑ REINFORCED CONCRETE, vibrated : C 25/30 –P4–T3–IIA 32,5/ 0...16
  REINFORCEMENT : OB37; PC52
  ROLLED STEEL : S235J2G3 (OL37)

ARMARE ELEMENT PREFABRICAT ZR2
REINFORCING PRECAST CONCRETE UNIT ZR2

SC. 1:20





NOTA
Pentru toate armaturile, raza dornului de indoire va fi egala cu **3d**
NOTE
For all reinforcements, the radius of mandrel for bending is equal to ***3d***

EXTRAS ARMATURA *BILL OF REINFORCEMENT*

Marca Mark	Ø	Lungimea unei bare Bar length	Nr. Bare No. pcs.	Lungimi pe diametre / Lengths onto diameters			
				OB37		PC52	
				Ø8		Ø8	Ø12
1	12	4,05	20				81,00
2	12	3,00	20				60,00
3	8	1,75	20			35,00	
4	8	1,95	20			39,00	
5	12	1,55	20				31,00
6	8	1,90	48	91,20			
7	8	0,30	16	4,80			
8	12	0,75	16				12,00
Lungimi totale pe Ø				96,00		74,00	184,00
Greutati pe ml.				0,395		0,395	0,888
Greutati totale pe Ø				38,00		29,30	163,50
GREUTATE TOTALA Kg.				38,00		192,80	

D					
C					
B					
A					
Indice Index	Data Date	Modificare Modification/Revision	Proiectant Designer	Aprobat Consultant Approved Consultant	Aprobat CFR Approved CFR

GUVERNUL ROMANIEI
ROMANIAN GOVERNMENT

PROIECT FINANŢAT DE UNIUNEA EUROPEANĂ
EUROPEAN UNION FINANCED PROJECT

CLIENT / CLIENT — **C.N.C.F. "C.F.R." - S.A.**

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	12.2011	
Aprobat Approved	Coordonator Secţiune 1 Section 1 Coordinator	C. Gambelli	12.2011	
Verificat Checked	Verificator Verifier	Giuseppe Fioravanti	12.2011	

SUBCONTRACTANT / SUBCONTRACTOR

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible	A.Stanciu - Dinulescu	12.2011	
Întocmit Elaborated	Proiectant Designer	Popescu Remus Dan	12.2011	

Reabilitarea liniei de cale ferata Braşov - Simeria, parte component a a coridorului IV Pan European, pentru circula ţia trenurilor cu viteza maxim a 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 :

STATIA APATA - RAMPA - ZID DE SPRIJIN ZR2 - COFRAJ SI ARMARE /
APATA RAILWAY STATION - LOADING LEDGE-
RETAINING WALL ZR2 TYPE - FORMWORK AND REINFORCEMENT DETAILS

Codificare / Codification System	Scara / Scale	LOT / LOT	Nr. / No
	1 : 20		01 / 01

E A 5 1 | 0 1 | E | 0 9 | B C | A C | 0 0 | 5 | X | 0 0 4 | 0

1½A2(630x594)=0,37m²

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