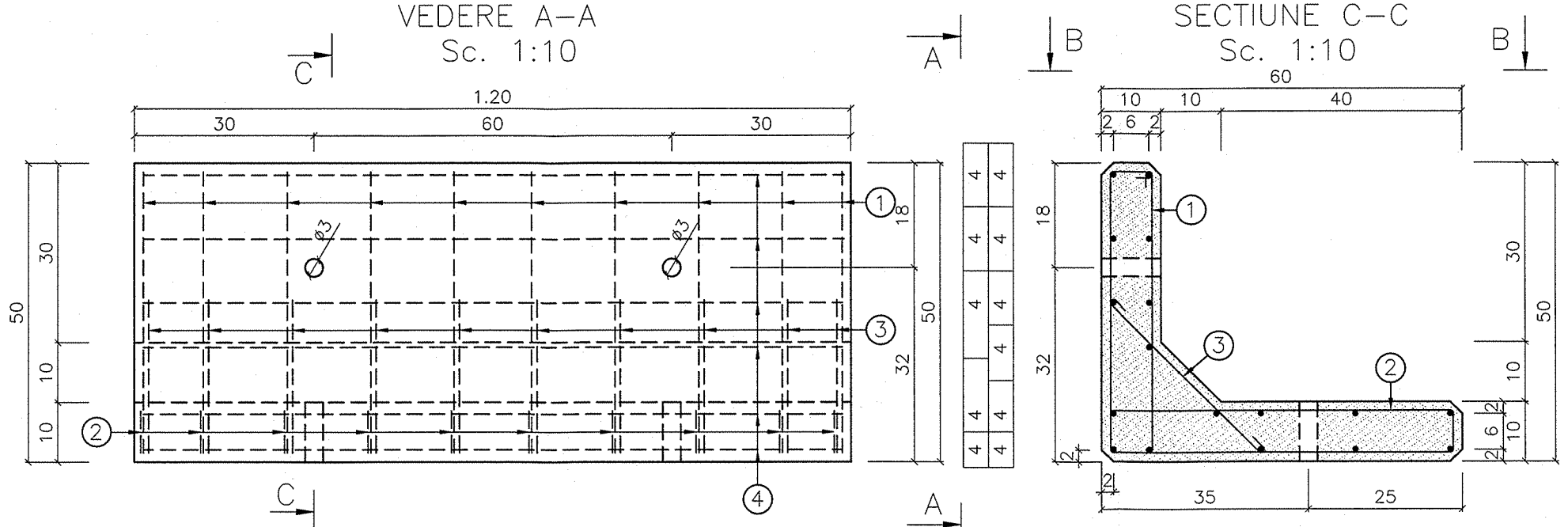

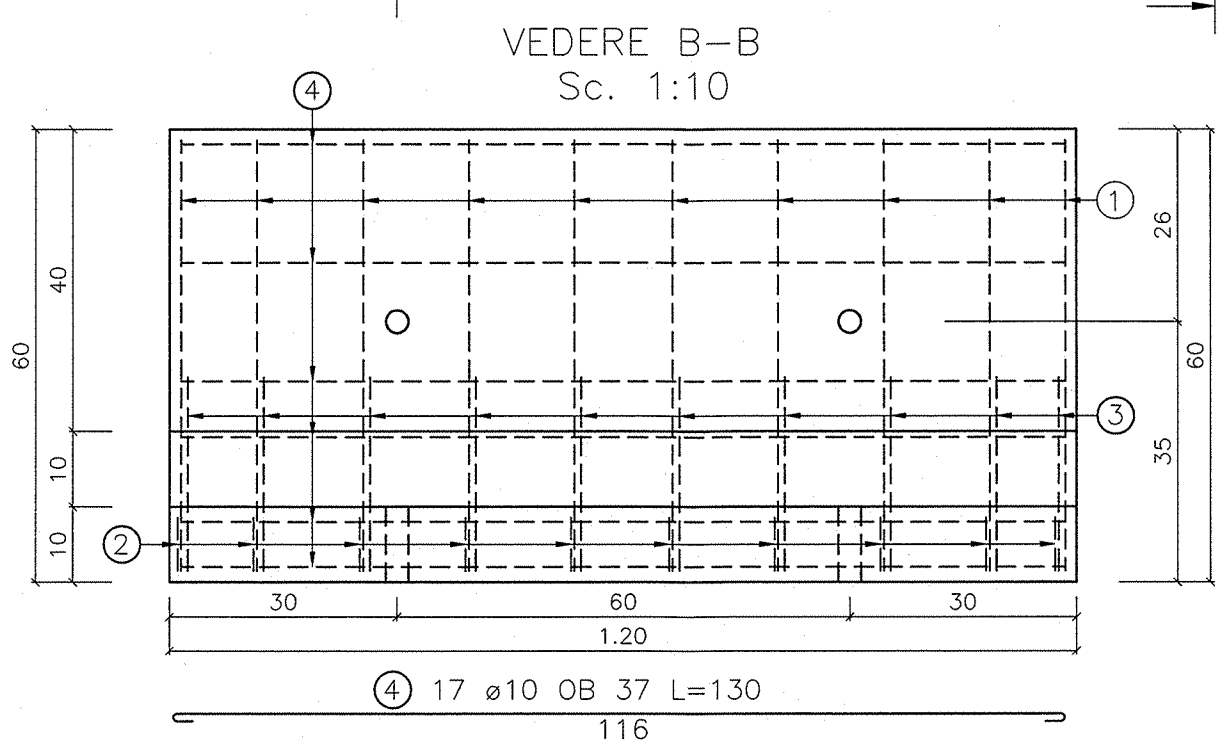

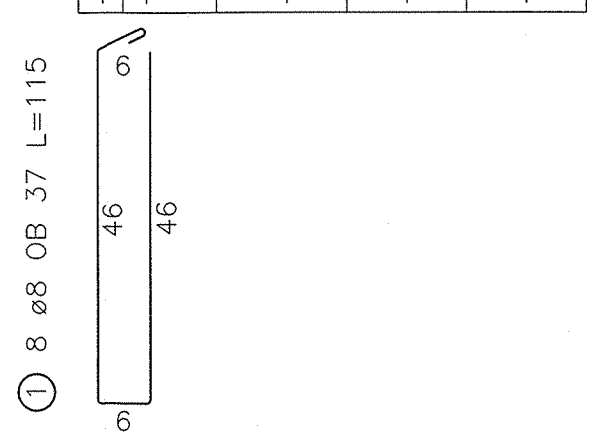

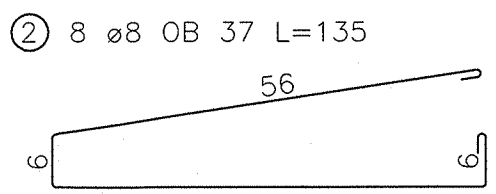

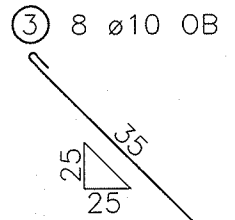

BETON C20/25 *C20/25 CONCRETE*	0,14mc
COFRAJ *CONCRETE FORM*	2,50mp
STRAT DE ACOPERIRE *CONCRETE COVER LAYER*	2,0cm
ARMATURI OB 37 *REINFORCEMENT TYPE OB37*	27,0 kg
GREUTATE ELEMENT *ELEMENT WEIGHT*	300,0 kg

EXTRAS DE ARMATURA PENTRU UN ELEMENT PREFABRICAT TIP "L"

Element: Denumirea si bucati asemenea	Marca	Diametrul (mm)	Nr.barelor asemenea: Intr-un element	Nr.barelor asemenea: In toate elementele	Lungimea unei bare (m)	Otel OB 37 / Steel type OB37: Lungimi in m pe diametre pentru barele din toate elementele: ø8	ø10
1	2	3	4	5	6	7	8
Element tip "L"	1	8	10	10	1.150	11.50	
	2	8	10	10	1.350	13.50	
	3	10	10	10	0.500		5.00
	4	10	17	17	1.300		22.10
TOTAL LUNGIMI PE DIAMETRE						25.0	27.1
MASA PE METRU						0.395	0.617
MASA PE DIAMETRE						9.9	16.80
MASA TOTALA PE TIPURI DE OTEL						10.0	17.0
TOTAL ARMATURA						27	

REINFORCEMENT TABLE FOR ONE PREFABRICATED ELEMENT TYPE "L"

Element: Name and no. of the same elemnt	Marca	Diameter (mm)	No. for the same bars: Per element	No. for the same bars: For all elements	Lenght for a single bar (m)	Steel type OB37: Lenght by diameter measure in meter for all the bars: ø8	ø10
1	2	3	4	5	6	11750	8
Element type "L"	1	8	10	10	1.150	13.50	
	2	8	10	10	1.350		5.00
	3	10	10	10	0.500		22.10
	4	10	17	17	1.300	25.0	27.1
TOTAL LENGHTS PER DIAMETER						0.395	0.617
WEIGHT PER METER						9.9	16.80
WEIGHT PER DIAMETER						10.0	17.0
TOTAL WEIGHT PER TYPE OF STEEL						27	
TOTAL REINFORCEMENT							

1. Conform H.G. 766/1997 lucrarea se incadreaza in categoria "B" a constructiilor de importanta deosebita.
2. Proiectul va fi verificat de verificatori atestati MLPAT la exigentele A.4, B.2 si D.2.

1. Complying with H.G. 766/1997 this structure belongs to category "B" of importance.
2. The project will be verified at A.4, B.2 and D.2 requirements.

DOMENIU DE APLICARE / *FIELD OF APPLICATION*

Elementele prefabricate din beton armat de tip "L" vor fi folosite pentru sustinerea prismei caii pe firul aflat in circulatie atunci cand pe firul adiacent se executa lucrari la infrastructura sau suprastructura lucrarilor de arta.

Acolo unde este necesara utilizarea elementelor prefabricate de tip "L", se va face referire la prezentul plan, acesta fiind "plan detaliu" pentru lucrarea respectiva.

Elementele prefabricate se vor aseza joantiv pe suprafete plane (astfel incat rezemarea sa se faca pe toata suprafata talpii inferioare), iar numarul lor va fi stabilit functie de lungimea minima de sustinere a prismei caii pentru fiecare lucrare in parte.

Reinforced concrete prefabricated unit type "L" will be used for supporting the track prism of the line used for traffic when substructure or superstructure works of the culvert or bridges are performed on the adjacent line.

If prefabricated units type "L" are required, there will be made reference to the present drawing and which will be, the "detailed drawing" of the respective work.

Prefabricated units will be placed along the line without joints on plane surfaces (so that the propping might be performed on the entire lower boom area), and their number will be established according to the minimum support length of the track prism for each work.

NOTA:
1. La executie se vor respecta cu strictete prevederile din "Codul de practica pentru executarea lucrarilor din beton, beton armat si beton precomprimat'', indicativ NE 012–99, din "Instructiunile tehnice privind procedeele de remediere a defectelor pentru elementele de beton si beton armat" indicativ C149–87, din "Normativul pentru verificarea calitatii si receptia lucrarilor de constructii aferente" indicativ C56–85 si a Caietului de Sarcini.
2. Daca in timpul lucrarilor se vor constata anumite neconcordante intre datele avute in vedere la proiectare si situatia de pe teren, va fi convocat proiectantul pentru adaptarea proiectului la noua situatie.

NOTE:
1. There will be strictly respected the provisions from "Practice code for plain concrete, reinforced concrete and prestressed concrete works execution" ind. NE012–99, "Technicall instructions regarding remedial procedures of plain concrete and reinforced concrete" ind. C149–87, from "Normative for quality checking and works reception for afferent construction" ind. C56–85 and Technical Specifications of this project.
2. If unconformities between the designed data and the site situation are found out during works execution, the designer will be convened to adjust the design according to the new situation.

B			
A			
	Data / *Date*	Modificare / *Modification / Revision*	

BENEFICIAR/ BENEFICIARY : ROMANIAN RAILWAY NATIONAL COMPANY — AUTORITATEA DE IMPLEMENTARE/ IMPLEMENTUNG AUTHORITY: Ministerul Transporturilor / Ministry of Transports

AUTORITATEA CONTRACTANTA / CONTRACTING AUTHORITY: Ministerul Economiei si Finantelor Oficiul de Plati si Contractare Phare / Ministry of Economy and Finances Phare Payments &Contracting Office — CFCU — Contract / Contract: 1303/2007

prointec — CONSIS PROIECT

Proiect finantat de UNIUNEA EUROPEANA / Project financed by EUROPEAN UNION — POS Transport 2007- 2013 — Faza / Phase: *PTH*

Intocmit / *Designed*	Ing.Viorel ALDESCU	Scara / Scale :	1:10	PORTOFOLIU DE PROIECTE PHARE CES 2005 / PHARE CES 2005 PROJECTS PORTFOLIO LOT 1 Asistenta tehnica pentru pregatirea unor lucrari de reabilitare pentru tuneluri si poduri de cale ferata / Technical assistance for preparing rehabilitation works required by railway tunnels and bridges
Verificat / *Checked*	Ing. Bogdan SANDU	Data / Date :	05.2009	Denumire desen / Drawing Title : Sucursala RCF/Railway district BUCURESTI. Linia cf/Railway line Bucuresti-Videle. Pod / Bridge km 21+084. PREFABRICAT TIP "L" / "L" TYPE PREFABRICATED
Sef echipa / *Team leader*	Ing. Stelian Vara-Oros			Cod desen / Drawing Code: PD 5 — Nr. / No: 15