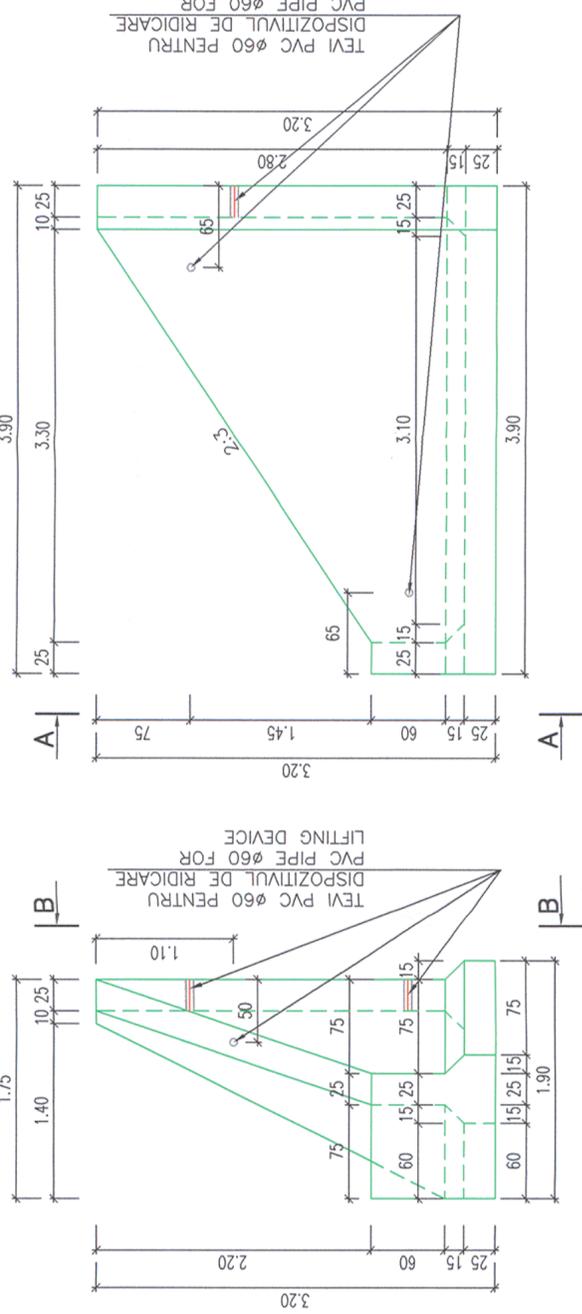


PLAN COFRAJ
FORMWORK PLAN

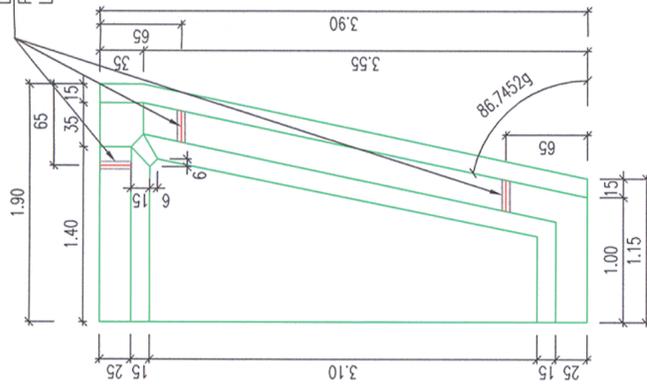
VEDERE B-B
B-B VIEW

Sc 1:50



PLAN ARIPI A3 STANGA
LEFT WING A3 PLAN

TEVI PVC Ø60 PENTRU
DISPOZITIVUL DE RIDICARE
LIFTING DEVICE



CARACTERISTICILE UNEI ARIPI
ONE WING CHARACTERISTICS

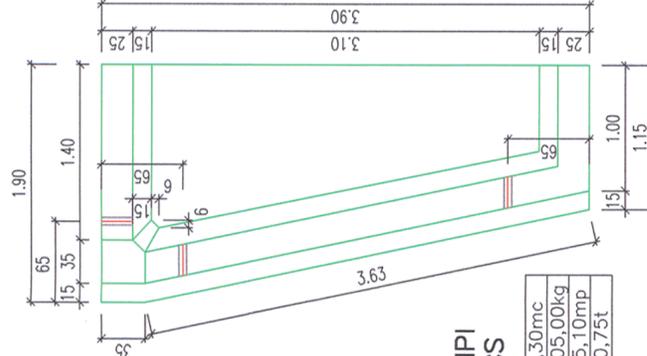
1	Volumul de beton / V concrete	4,30mc
2	Otel PC 60 / Steel PC60	405,00kg
3	Cofraje / Formwork	35,10mp
4	Greutate / Weight	10,75t

NOTA / NOTE

Acest plan este valabil pentru zone seismice cu acceleratie orizontala de varf $a_{g0} \leq 0,16g$.
This plan applies to seismic zones with top horizontal acceleration $a_{g0} \leq 0,16g$.

PLAN ARIPI A3 DREAPTA
RIGHT WING A3 PLAN

CONVOI DE CALCUL LM71
CALCULATION CONVOY LM71



ATENTIUNE !

-Prezentul plan contine planul de cofraj pentru aripa A3 stanga;
-Pentru perechea ei din dreapta se vor pastra aceleasi dimensiuni;
-Aripile prefabricate se vor amplasa pe blocurile de fundatie monolitice prin intermediul unui strat de mortar de ciment care va fi alicatuit din;-un strat de nivelare de 2cm
-un strat de 1 cm de fixare pe blocul monolit
-inaintea aplicarii mortarului, suprafata blocului se va curata bine de toate impuritatile;
-La executie se vor respecta cu strictete prevederile din prescriptia tehnica NE 013-99 "Cod de practica pentru executia elementelor prefabricate din beton, beton armat si beton precomprimat" si din Caietul de Sarcini.
-Compactarea pamantului de umplutura in interiorul aripii se face cu placa vibratoare.

NOTA:

1 -Aripa prefabricata se va confectiona din beton clasa C35/45 si otel PC60;
2 -Dupa decolarea, fetele interioare ale peretilor si fata superioara a placi de baza se vopsesc cu suspensie de bitum fierzizat in dublu strat;
3 -Pentru manevrarea prefabricatului se vor lasa orificii amplasate conform planului. Dupa montarea definitiva in amplasament a transoanelor, se vor umple cu mortar.
4 -Aripile prefabricate se vor amplasa pe blocurile de fundatie monolitice prin intermediul unui strat de mortar de ciment care va fi alicatuit din;5 -La executie se vor respecta cu strictete prevederile din prescriptia tehnica NE 013-99 "Cod de practica pentru executia elementelor prefabricate din beton, beton armat si beton precomprimat" si din Caietul de Sarcini.
6 -Compactarea pamantului de umplutura in interiorul aripii se face cu placa vibratoare.

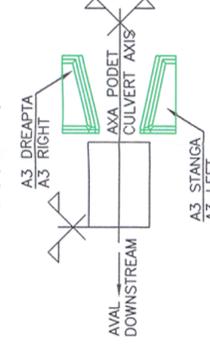
ATENTIUNE !
-This drawing represents the formwork plan for the left A3 wing;
-For the right A3 wing, there will be maintained the same dimensions but the formwork will be placed in mirror;
-To be seen the figure no. 1.

NOTE:
1 -The prefabricated wing will be executed of concrete class C35/45 and PC 60 steel;
2 -After removing the formwork, the interior sides of the walls and the upper side of the bottom plate are pointed with filler bitumen suspension in double layers;
3 -To operate the prefabricated element will be provided holes located acc. to plan. After the definitive mounting of the section in location, the holes will be filled with mortar.
4 -The prefabricated wings will be placed on the monolith foundation blocks by a cement mortar layer composed by :
-a levelling layer of 2 cm. thickness
-a layer of 1 cm. to fix on the monolith block.
Before mortar laying, the foundation block surface will be well cleaned by all the impurities.
5 -During work construction there will be strictly applied the provisions of the technical prescription NE 013-99 "Practice code for the precast elements execution, reinforced and prestressed concrete" and Technical Specifications of this project.
6 -Compaction of filling earth from inside the wings is done with vibrating plate.

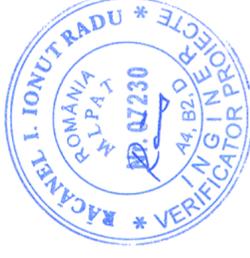
CARACTERISTICILE BETONULUI

C 35/45, expunere XC4+XF3+XA1 (R0), Cl 0.2, agregate D_{max} 22, densitate D 2.5, consistenta S3
C 35/45, expunere XC4+XF3+XA1 (R0), Cl 0.2, agregate D_{max} 22, densitate D 2.5, consistenta S3

FIGURA 1
FIGURE 1



BETON C35/45 OTEL PC60 ACOPERIRE 4cm
CONCRETE C35/45 PC60 STEEL COVERING 4cm



Prezentul plan anuleaza si inlocuieste versiunea anterioara
This plan cancels and replaces previous version

Verificator / Expert Checker / Expert	Cerinta Requirement	Semnatura Signature	Referat / Expertiza Report / Expertise
European Investment Bank	MINISTERUL TRANSPORTURILOR BENEFICIAR / BENEFICIARY:	COMPANIA NATIONALA DE CAI FERATE "CFR" SA	
PROIECTANT / DESIGNER:			
PROIECTANT / DESIGNER:			
Aprobat Approved	Sef de echipa Team leader	C. Teodorescu	Data Date
Verificat Checked	Expert Cheie Key Expert	R. Tudorascu	01.2013
Subcontractant / Subcontractor			
Aprobat Approved	Adjunct Sef de echipa Deputy Team leader	A.M. Baicu	01.2013
Proiectat Designed	Inginer Engineer	F. Ioanidi	01.2013
"Reabilitarea liniei c.f. Frontiera - Curtici - Simeria, parte componenta a coridorului IV Pan - European pentru circulatia trenurilor cu viteza maxima de 160 km/h"			
"Rehabilitation of the Railway Line Border - Curtici - Simeria, component Part of the IV Pan - European Corridor for the Trains Circulation with maximum speed of 160 km/h"			
Section 2 : km 614 - Gurasada			
Denumire desen / Drawing name:			
PLAN COFRAJ ARIPI TIP A3EN SHUTTERING PLAN WING A3EN TYPE			
Scara / Scale	Revizia / Revision	Cod desen / Drawing Code	Nr / No
1:20	1/05.2013	PT-02.02.00.PO.015	15