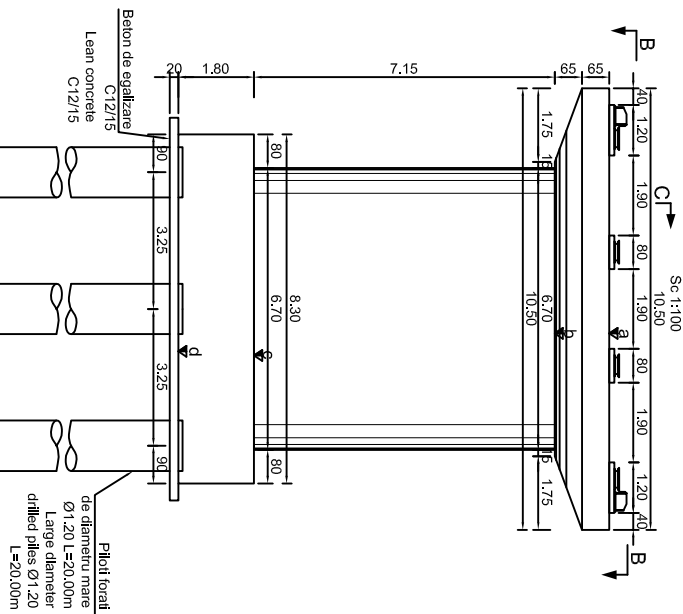
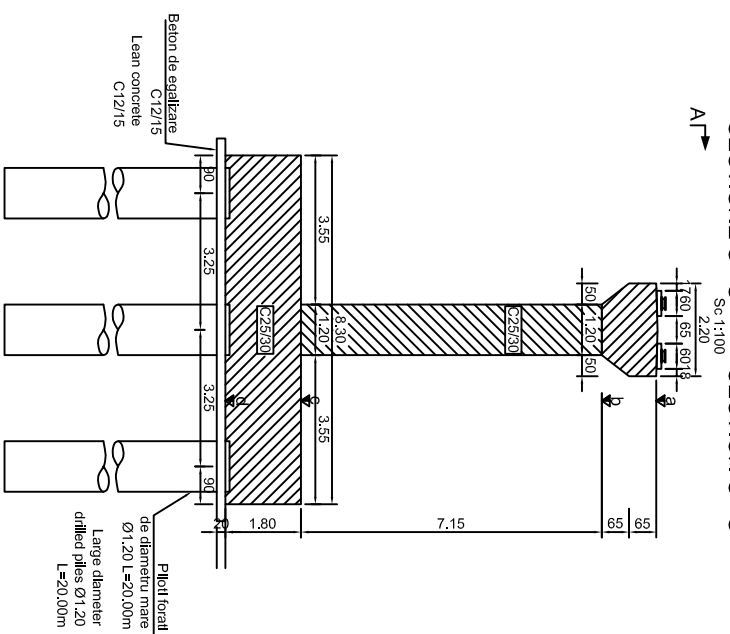


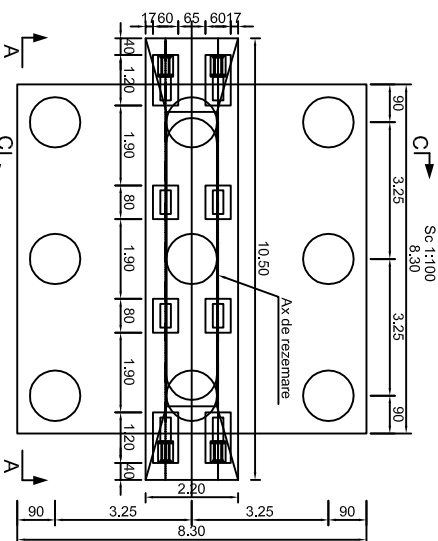
VEDERE A - A VIEW A - A



SECTIUNE C - C SECTION C - C



VEDERE PLANA B - B PLAN VIEW B - B



Pila (Pier)	C.L.R.	a	b	c	d
P 1	482.823	480.503	479.303	473.453	471.653
P 2	482.821	480.501	479.301	473.451	471.651

Cerinte minime pentru asigurarea durabilitatii betonului

- Beton in elevarie:**
- clasa de expunere = XC4+XF1
 - clasa de rezistenta = C25/30
 - raportul maxim A/C = 0.50
 - tipul de ciment = SR1 42.5 N
 - dozaj minim de ciment (kg/mc) = 300
 - clasa de tasare = S2
 - dimensiunea maxima a agregatelor = 32mm
 - grad de impermeabilitate = nrl. P8
 - grad de gelivitate = G100

Cerinte minime pentru asigurarea durabilitatii betonului

- Beton in radiera :**
- clasa de expunere = XC2+XC4
 - clasa de rezistenta = C25/30
 - raportul maxim A/C = 0.50
 - tipul de ciment = SR1 42.5 N
 - dozaj minim de ciment (kg/mc) = 300
 - clasa de tasare = S2
 - dimensiunea maxima a agregatelor = 32mm
 - grad de impermeabilitate = nrl. P8
 - grad de gelivitate = G100

Cerinte minime pentru asigurarea durabilitatii betonului

- Beton in coloane :**
- clasa de expunere = XC2+XC4
 - clasa de rezistenta = C25/30
 - raportul maxim A/C = 0.50
 - tipul de ciment = SR IIIA-P 42.5
 - dozaj minim de ciment (kg/mc) = 400
 - clasa de tasare = S2
 - dimensiunea maxima a agregatelor = 32mm
 - grad de impermeabilitate = nrl. P12
 - grad de gelivitate = G100

C25/30 - substructure elevations

- XC4+XF1 expose class
- P8 Impermeability degree
- G100 frost resistance degree
- SR1 42.5N cement type
- 0.55 W/C maximum value
- 300 minimum cement ratio
- S2 settlement class
- 32mm maximum dimension of the aggregates

C25/30 - substructure foundation

- XC2+XC4 expose class
- P8 Impermeability degree
- G100 frost resistance degree
- SR1 42.5N cement type
- 0.50 W/C maximum value
- 300 minimum cement ratio
- S2 settlement class
- 32mm maximum dimension of the aggregates

C25/30 - concrete in columns

- XC2+XC4 expose class
- P12 Impermeability degree
- G100 frost resistance degree
- SR IIIA P 42.5 cement type
- 0.50 W/C maximum value
- 300 minimum cement ratio
- S2 settlement class
- 32mm maximum dimension of the aggregates

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Index	Date	Modification/Revision	Productant Designer	Approved Consultant	Approved CFR
A	11.2011	Revizia 1	Ionela Ungureanu		
B					
C					
D					

GUVERNUL ROMANIEI ROMANIAN GOVERNMENT

PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ EUROPEAN UNION FINANCED PROJECT

CLIENT / CLIENT

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

CONSULTANT / CONSULTANT

R. Lutzza

C. Gambelli

V. Kalitronitis

ARKX

A. Dinulescu Stancliu

11.2011

Subcontractant / Subcontractor	Date	Signature
ARKX	11.2011	

Reabilitarea liniei de cale ferata Brasov - Simeiza, parte componentă a coridorului IV Pan European, pentru circulația trenurilor cu viteză maximă de 160 km/h.

Tronsonul : Brasov - Sighisova

Rehabilitation of the railway/ line Brasov - Simeiza, component Part of the IV Pan-European Corridor, for the trains circulation with maximum speed of 160 km/h.

Section : Brasov - Sighisova

Denumire desen / Drawing Title :

INTERVAL APATA - RACOS

PASAJ SUPERIOR / OVER PASS - KM 208+405.181

PLAN COFRAJ PILE / PIER FORMWORK PLAN

Codificare / Codification System	Scara / Scale	LOT / LOT	Nr./No
E A S 1	1:100	01	01/01
01		E	
10		BA	
PA		00	
2		1	
006		1	