



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 I/II-AP 42.5
- dozaj minim de ciment (kg/mc) = 400
- clasa de lasare = S2
- dimensiunea maxima a agregatelor = 32mm
- grad de impermeabilitate = min. P12
- grad de gelivitate = G100

Cerinte minime pentru asigurarea durabilitatii betonului Beton In radiere :

- clasa de expunere = XC2+XC4
- clasa de rezistenta = C25/30
- raportul maxim A/C = 0.50
- tipul de ciment = SR I/II-AP 42.5 N
- dozaj minim de ciment (kg/mc) = 300
- clasa de lasare = S2
- dimensiunea maxima a agregatelor = 32mm
- grad de impermeabilitate = min. P8
- grad de gelivitate = G100

Cerinte minime pentru asigurarea durabilitatii betonului Beton In elevalte:

- clasa de expunere = XC4+XF1
- clasa de rezistenta = C25/30
- raportul maxim A/C = 0.50
- tipul de ciment = SR I/II-AP 42.5 N
- dozaj minim de ciment (kg/mc) = 300
- clasa de lasare = S2
- dimensiunea maxima a agregatelor = 32mm
- grad de impermeabilitate = min. P8
- grad de gelivitate = G100

C25/30 - substructure elevations

- XC2+XC4 expose class
- F80 frost resistance degree
- G100 frost resistance degree
- SR I/II-AP 42.5N cement type
- 300 W/C maximum value
- 300 minimum cement ratio
- 32mm maximum dimension of the aggregates

C25/30 - substructure foundation

- XC2+XC4 expose class
- F80 frost resistance degree
- G100 frost resistance degree
- SR I/II-AP 42.5N cement type
- 0.50 W/C maximum value
- 300 minimum cement ratio
- 32mm maximum dimension of the aggregates

C25/30 - concrete in columns

- XC2+XC4 expose class
- F80 frost resistance degree
- G100 frost resistance degree
- SR I/II-AP 42.5N cement type
- 0.50 W/C maximum value
- 300 minimum cement ratio
- 32mm maximum dimension of the aggregates

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COFRAJ CULEE C2

D				
C				
B				
A	11.2011	Revizua 1	Ionel Ungureanu Projector / Designer	Armand CFR Approver / Consultant
Index	Date	Modificare / Revision	Projector / Designer	Approver / Consultant

CLIENT / CLIENT

GOVERNUL ROMANIEI
ROMANIAN GOVERNMENT

PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ
EUROPEAN UNION FINANCED PROJECT

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

Approved	Self project	R. Luizza	
Approved	Coordinator Section 1	C. Gambelli	
Approved	Senior Engineer	V.Kalidromitis	
Checked	Checking Expert		

Approved	Responsible Subcontractor	A. Dinulescu Standu	11.2011	
Approved	Subcontractor Representative			
Elaborated	Designer	Ionel Ungureanu	11.2011	

Restabilirea liniei de cale ferata Brasov - Sibiu, parte componenta a coridorului IV Pan European, pentru decizia de proiectare si construire a liniei de cale ferata Sibiu - Sighisheara Part of the IV Pan-European Corridor, for the trails of collation with maximum speed of 160 km/h.

Section : Brasov - Sighisheara

Denumire desen / Drawing Title : INTERVAL RACOS - CATI PASAU SUPERIOR / OVER PASS- KM 225+068,122 L=116,20m PLAN COFRAJ CULEI / ABUTMENT FORMWORK PLAN

Stara / Scale 1:100, 1:20

Lot / LOT

Nr. / No 01/01

E	A	5	1	0	1	E	1	2	B	A	P	A	0	0	3	1	0	0	5	1
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