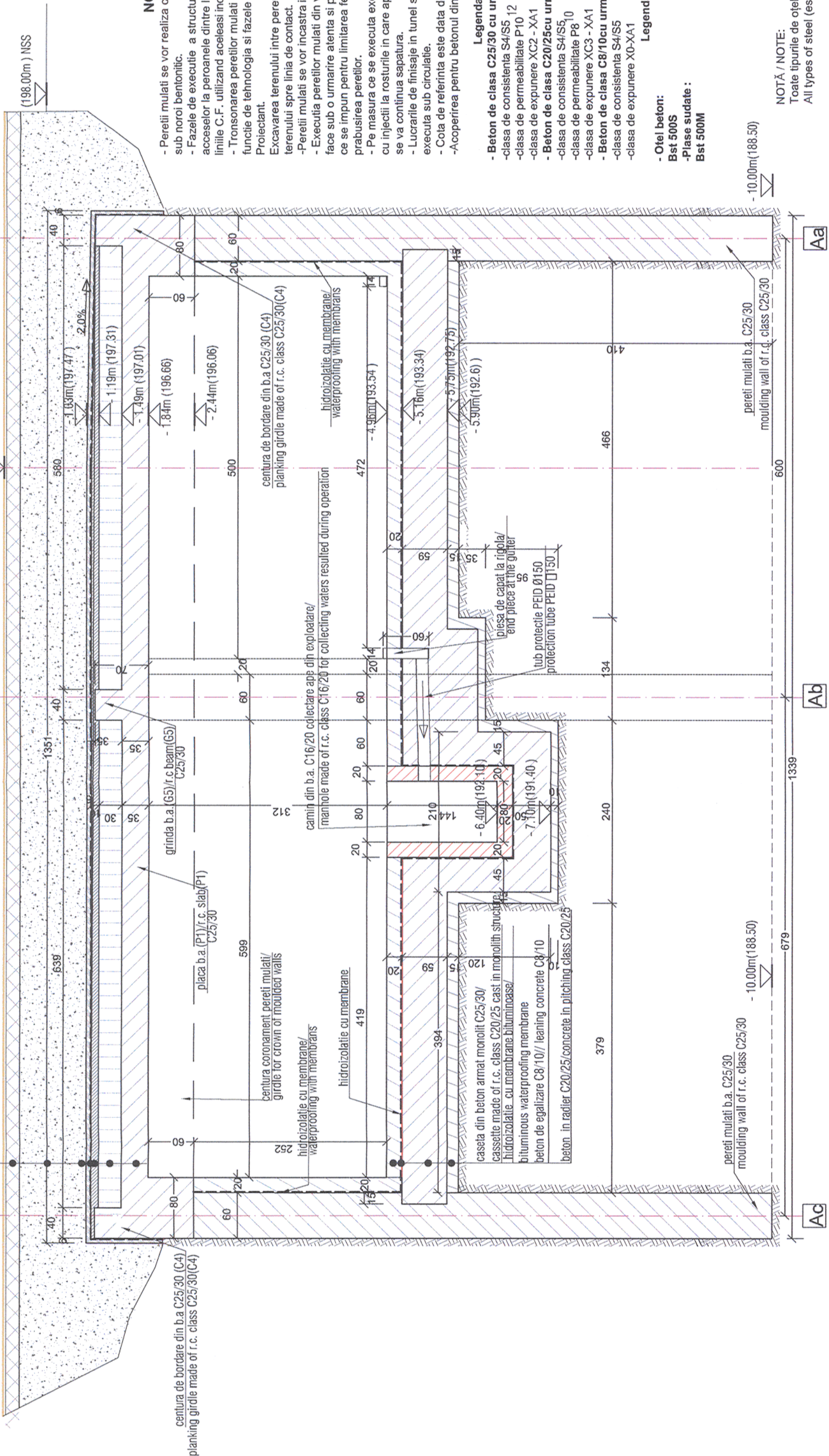


SECTIUNE E-E/SECTION E-E
Sc:1:50

prefabricate date peronane(DP)/precast slabs for platforms (DP)
 umplutura din material granular(balast)/filling made of granular material (ballast, pos)
 beton C25/30 de protectie hidroizolatie/concrete class C25/30 for waterproofing protection
 hidroizolatie din membrane bituminose/bituminous waterproofing membrane
 beton C20/25 de monolitizare, strat suport hidroizolatie si panta (p=2%)
 umplutura usorata din BCA cu rol termoozolatant si fonoabsorbant/light filling made of BCA having thermal-insulating and sound-absorbent role
 placa (P1) din beton C25/30 /concrete slab(P1) class C25/30



NOTA:

- Peretii mularii se vor realiza cu o instalatie cu cupa de 60 cm, sub noroi beniontic.
- Fazele de executie a structurii tunelului pietonal si ale acceselor la peronanele dintre linii, se vor corela cu lucrarile la liniile C.F. utilizand aceleasi inchidori.
- Tronsonarea peretilor mularii se va stabili de Constructor functie de tehnologia si fazele de executie si va fi aprobata de Proiectant.
- Excavarea terenului intre peretii mularii se va face cu asigurarea terenului spre linia de contact.
- Peretii mularii se vor incadra in mama minim 1.5 m.
- Executia peretilor mularii din vecinatatea cladirii de calatori se face sub o urmarire atenta si permanenta luand toate masurile ce se impun pentru limitarea fenomenului de sufozie si prabusirea peretilor.
- Pe masura ce se executa excavarea, se va interveni imediat cu injectii la rosturile in care apar infiltratii si numai dupa aceea se va continua sapatura.
- Lucrarile de finisaje in tunel si montarea instalatiilor se pot executa sub circulatie.
- Cota de referinta este data de cota 0 a cladirii de calatori.
- Acoperirea pentru betonul din peretii mularii va fi de 8 cm.

Legenda betoane:

- Beton de clasa C25/30 cu urmatoarele caracteristici:
- clasa de consistenta S4/S5 12
- clasa de permeabilitate P10
- clasa de expunere XC2 - XA1
- Beton de clasa C20/25cu urmatoarele caracteristici:
- clasa de consistenta S4/S5,
- clasa de permeabilitate P8 10
- clasa de expunere XC3 - XA1
- Beton de clasa C8/10cu urmatoarele caracteristici:
- clasa de consistenta S4/S5
- clasa de expunere X0-XA1

Legenda oteluri:

- Otel beton:
- Bst 500S
- Plase sudate:
- Bst 500M

NOTA:

- The moulding walls will be executed with a installation with a ditcher of 60 cm, under beniontic mud;
- The execution phases of the pedestrian tunnel structure and of the accesses to the platforms between lines will be correlated with the works to the railway lines, using the same closures;
- The division of moulding walls will be established by the Constructor function of the execution technology and phases and will be approved by the Designer;
- The field excavation between the bulkhead walls will be made by assuring the field toward under circulation line;
- The moulding walls will be embedded into matt minimum 1.5 m;
- The moulding execution near the passengers building will be made under a careful and permanent attention, taking all the measures imposed for the suffusion phenomenon and walls crushing limitation;
- During the excavation execution will be immediately intervene with injections for the gaps where appear infiltrations and only after that the excavation will be continued;
- Finishing works into the tunnel and the installations moulding can be executed under circulation.
- Reference quota is applied from 0 quota of passenger building
- The cover for the moulding concrete walls will be 8 cm.

Concretes legend:

- Class concrete C25/30 with next proprieties:
- consistence class S4/S5
- permeability class P10 12
- exposure XC2 - XA1
- Beton de clasa C20/25cu urmatoarele caracteristici:
- consistence class S4/S5
- permeability class P8 10
- exposure class XC3 - XA1
- Beton de clasa C8/10cu urmatoarele caracteristici:
- consistence class S4/S5
- exposure class X0-XA1

Steel legend:

- Steel concrete
- Bst 500S
- Welded mesh
- Bst 500M

NOTĂ / NOTE:
 Toate tipurile de oțel (în special Bst 500) vor avea obligatoriu clasa de ductilitate C.
 All types of steel (especially Bst 500) will mandatory have the ductility class C.

Acest plan anuleaza si inlocuieste planul nr. PT.03.03.28.RE.15.006 elaborat la data 01.2013.

This layout plan canceled and replaced layout plan no. PT.03.03.28.RE.15.006 prepared on 01.2013.

Professional stamps and signatures of the project engineer and checker.

Verificator / Expert Checker / Expert
 Cerinta Requirement
 Semnătura Signature
 Referat / Expertiză Report / Expertise

Logos of European Investment Bank, Romanian Ministry of Transport, and CFR.

European Investment Bank

MINISTERUL TRANSPORTURILOR

BENEFICIAR / BENEFICIARY :
 COMPANIA NAȚIONALĂ DE CĂI FERATE "CFR" SA



PROIECTANT / DESIGNER:



Aprobat Approved	Sef de echipă Team leader	C. Teodorescu	01.2013	Semnătura Signature
Verificat Checked	Expert Cheie Key Expert	R. Witan	01.2013	

Subcontractant / Subcontractor

Aprobat Approved	Adjunct Șef de echipă Deputy Team leader	A.M. Baicu	01.2013
Proiectat Designed	Inginer Engineer	A. Chirita	01.2013

"Reabilitarea liniei c.f. Frontieră - Curtici - Simeria, parte componentă a coridorului IV Pan - European pentru circulația trenurilor cu viteză maximă 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"

Denumire desen / Drawing name: Section 3: Gurasada - Simeria

Section E-E - Tunel pietonal - Stația Simeria / Section E-E - Pedestrian tunnel - Simeria Station

Scara / Scale	Revizia / Revision	Cod desen / Drawing Code	Nr / No
1:50	1/05.2013	PT.03.03.28.RE.15.006	06/09