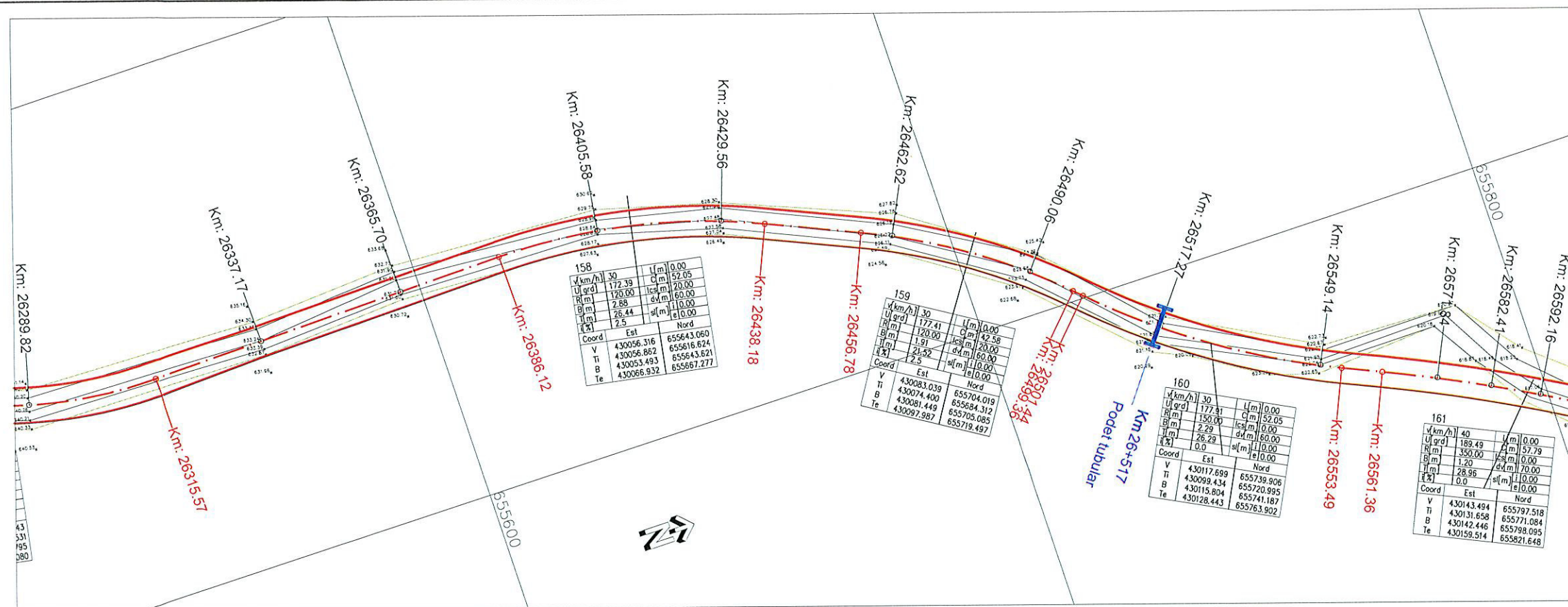
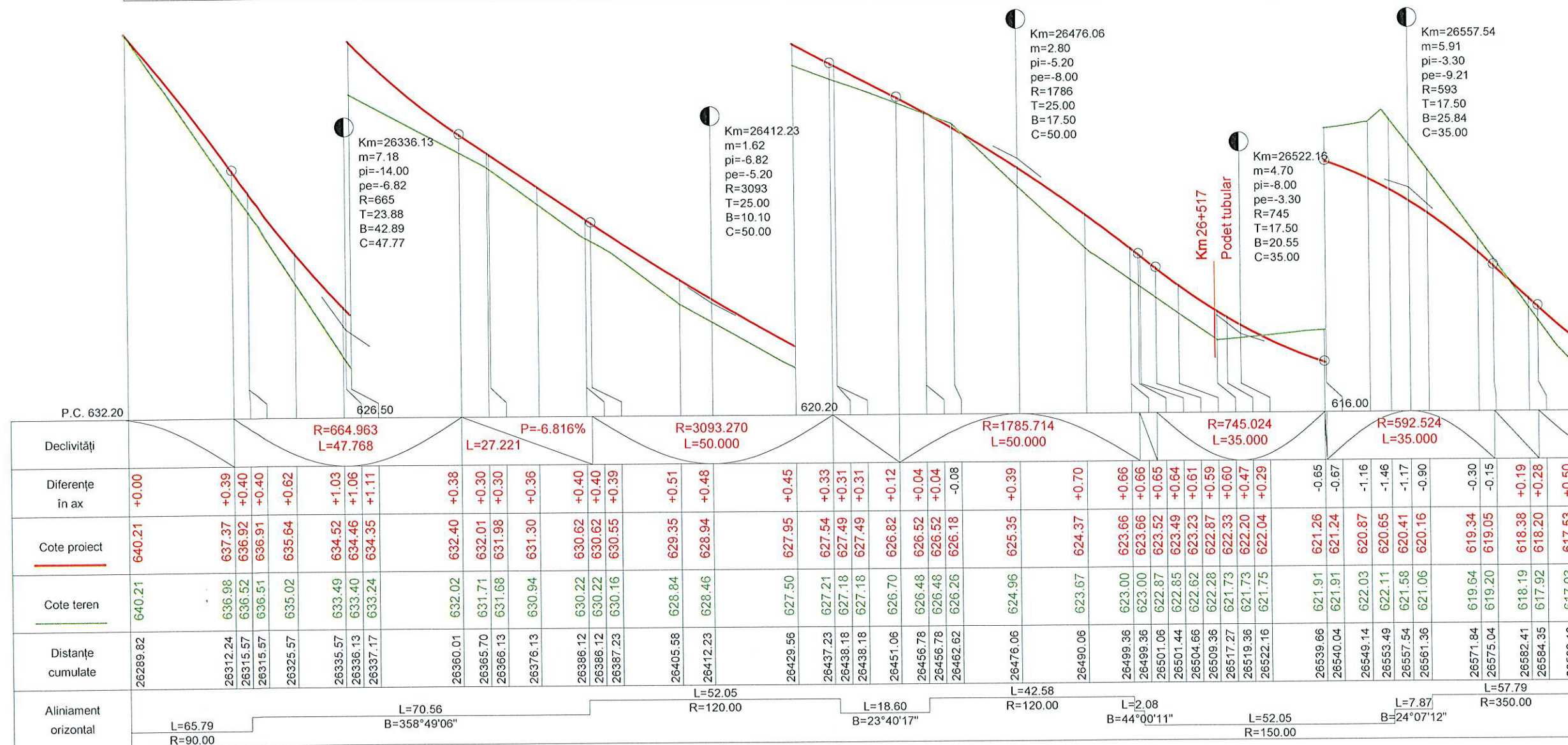




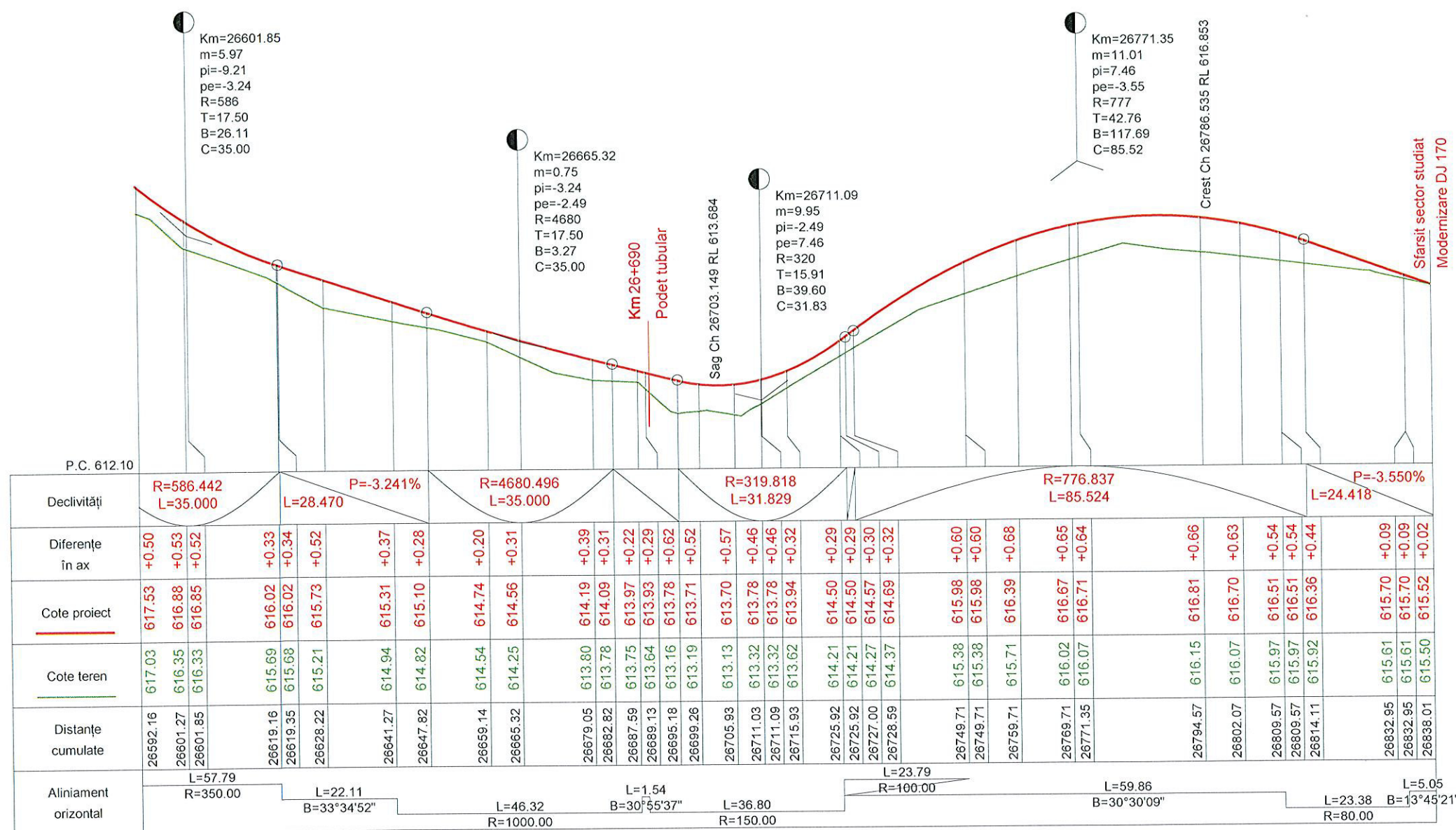
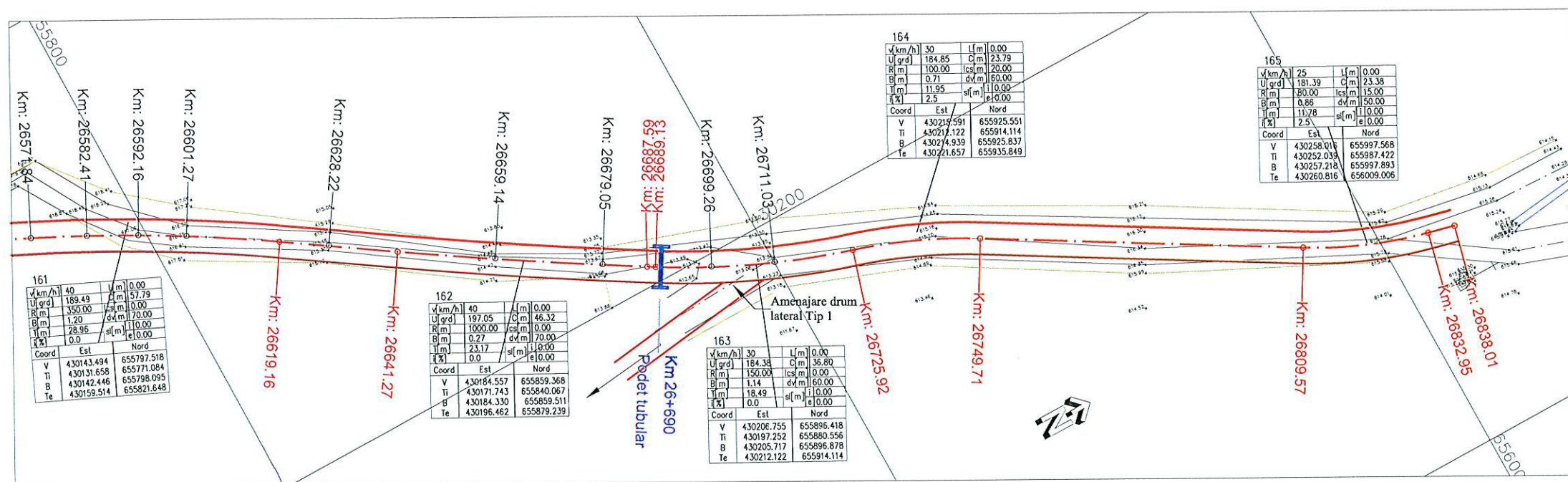
- Legenda:
- gard existent
 - carosabil existent
 - ax existent
 - fund sant existent
 - margine sant existent
 - constructie existenta
 - carosabil proiectat
 - statie
 - stalp
 - troita



PROFIL LONGITUDINAL Scara: H 1:1000 V 1:100



PROIECTANT : SC DRUMEX SRL	
BENEFICIAR: CONSILIUL JUDETEAN BISTRITA NASAUD	
TITLU PROIECT: " MODERNIZARE DJ170, KM 13+450 - 24+450, NEGRILESTI - BREAZA - LIMITA JUDET MARAMURES ", JUDETUL BISTRITA NASAUD	
PLAN DE SITUATIE SI PROFIL LONGITUDINAL	
SEF PROIECT	ing. C. Bodea
PROIECTANT	ing. S. Horon
DESENAT	ing. S. Horon
VERIFICATOR INTERN	ing. C. Bodea
Contract Nr.114/2014	Revizia Nr:
Faza:	D.A.L.I.
Data: Ianuarie 2015	Scara: 1:1000 1:100/1:100
Cod desen:	2015-DRU-PS+PL 41



PROFIL LONGITUDINAL Scara: H 1:1000 V 1:100



PROIECTANT :
SC DRUMEX SRL

BENEFICIAR:
CONSILIUL JUDETEAN
BISTRITA NASAUD

TITLU PROIECT:
" MODERNIZARE DJ170,
KM 13+450 - 24+450,
NEGRILESTI - BREAZA -
LIMITA JUDET MARAMURES ",
JUDETUL BISTRITA NASAUD

PLAN DE SITUATIE
SI PROFIL LONGITUDINAL

SEF PROIECT ing. C. Bodea

PROIECTANT ing. S. Horon

DESENAT ing. S. Horon

VERIFICATOR INTERN ing. C. Bodea

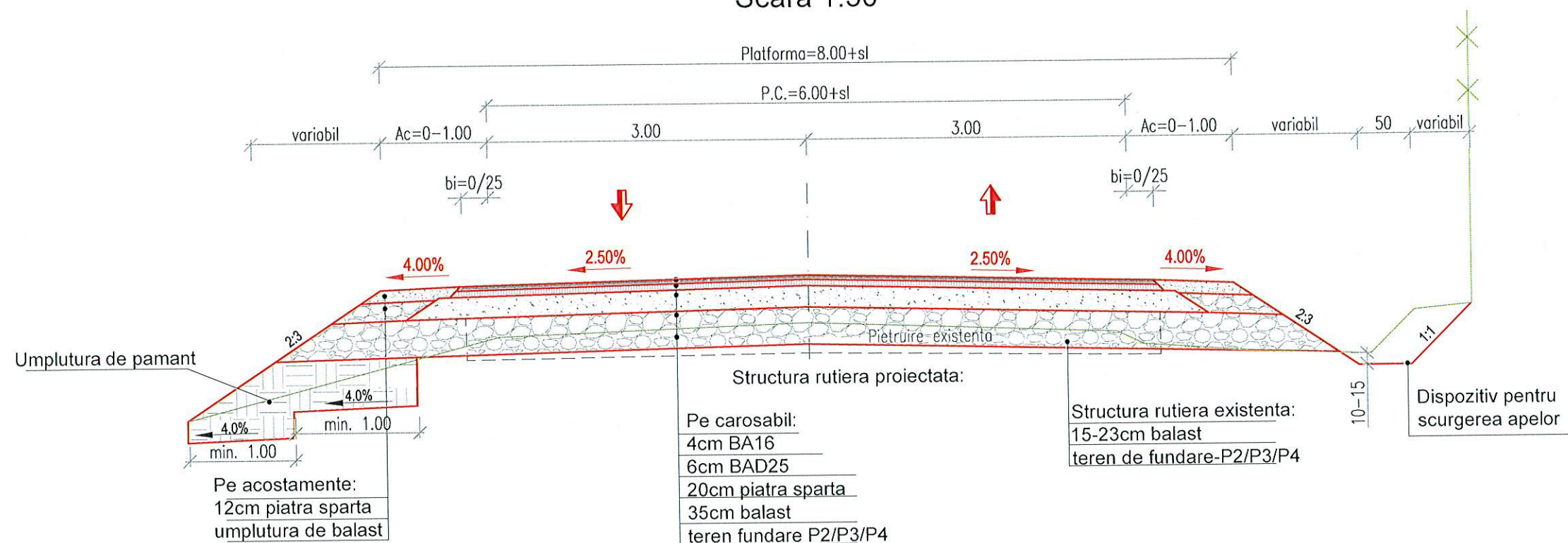
Contract Nr.114/2014 Revizia Nr:

Faza: D.A.L.I.

Data: Ianuarie 2015 Scara: 1:1000
1:100/1:100

Cod desen: 2015-DRU-PS+PL 42

DJ 170
Profil transversal tip 1
Sectoare in extravilan
Km: 14+470 - Km: 26+838
Scara 1:50



PROIECTANT :
SC DRUMEX SRL

BENEFICIAR:
CONSILIUL JUDETEAN
BISTRITA NASAUD

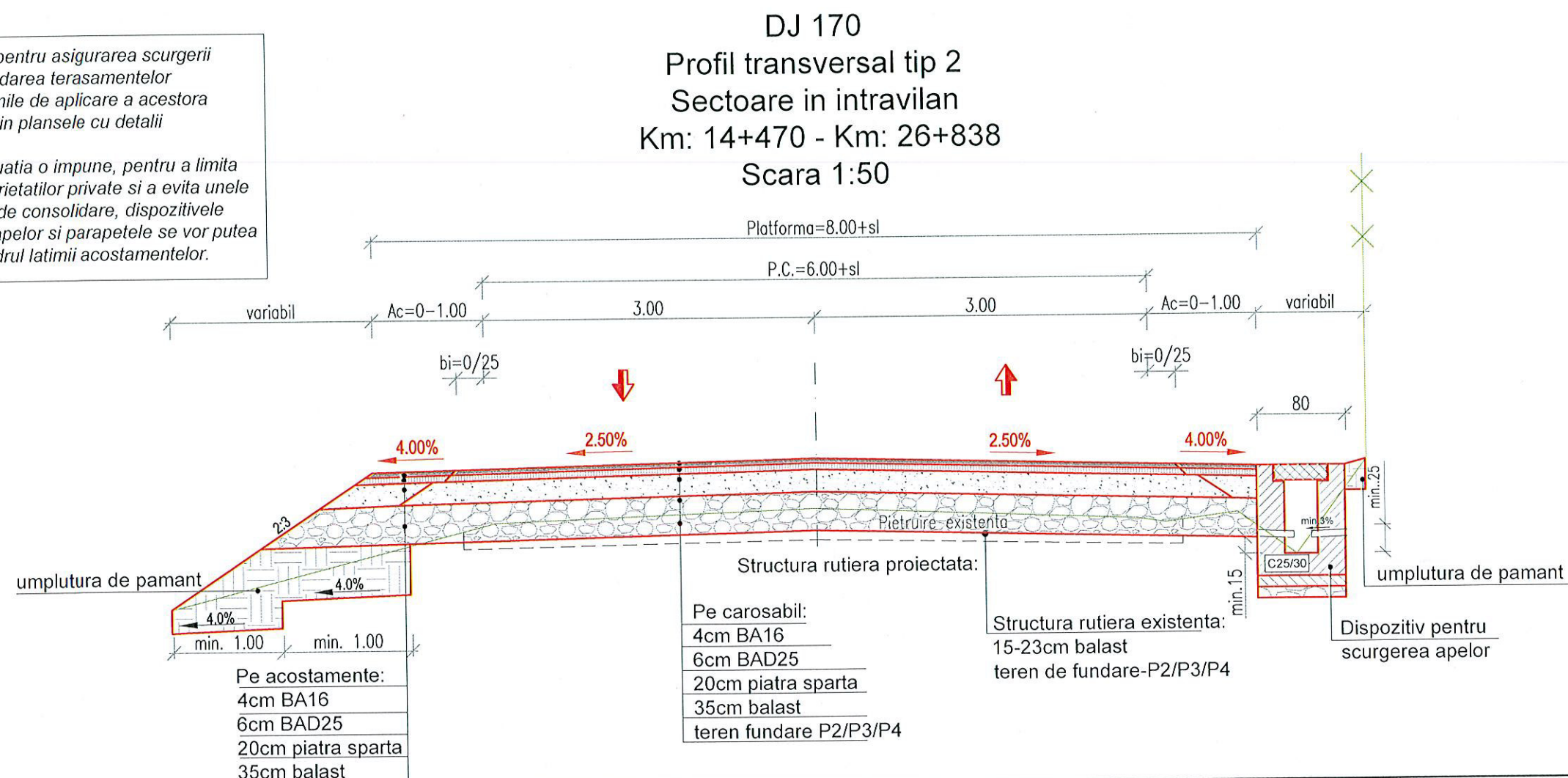
TITLU PROIECT:
" MODERNIZARE DJ170,
KM 13+450 - 24+450,
NEGRILESTI - BREAZA -
LIMITA JUDET MARAMURES ",
JUDETUL BISTRITA NASAUD

PROFILURI TRANSVERSALE TIP

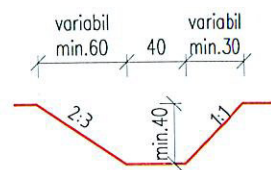
SEF PROIECT	ing. C. Bodea
PROIECTANT	ing. M. Csillag
DESENAT	ing. M. Csillag
VERIFICATOR INTERN	ing. S. Horon
Contract Nr.114/2014	Revizia Nr:
Faza:	D.A.L.I.
Data: Ianuarie 2015	Scara: 1:50
Cod desen:	2015-DRU-TIP

Nota: 1. Dispozitivele pentru asigurarea scurgerii apelor si consolidarea terasamentelor precum si lungimile de aplicare a acestora sunt prezentate in plansele cu detalii

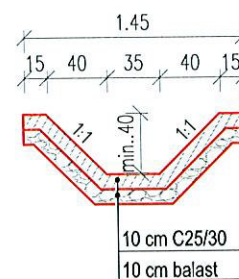
2. Acolo unde situatia o impune, pentru a limita afectarea proprietatilor private si a evita unele lucrari majore de consolidare, dispozitivele de scurgerea apelor si parapetele se vor putea amplasa in cadrul latimii acostamentelor.



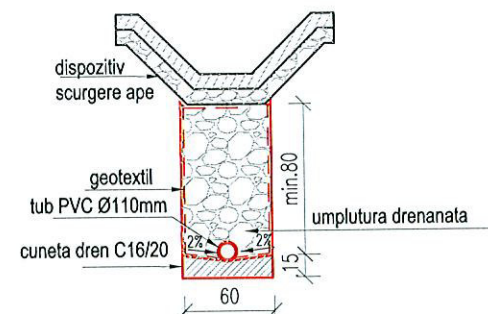
Sant pamant
-se aplica pe L=1731 ml



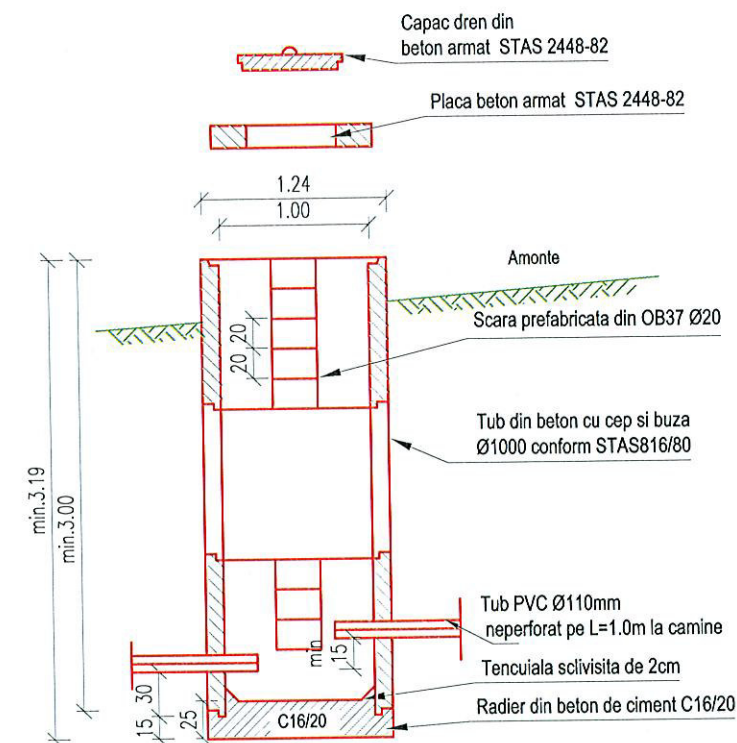
Sant pereat
-se aplica pe L=5589 ml



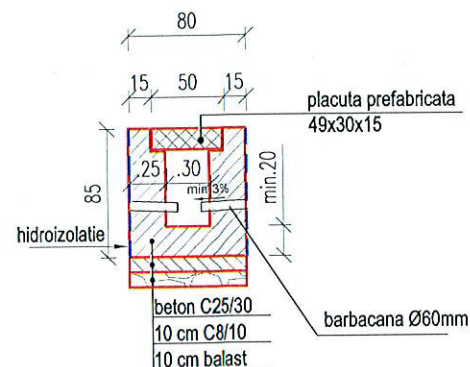
Dren longitudinal
-se aplica pe L=819 ml



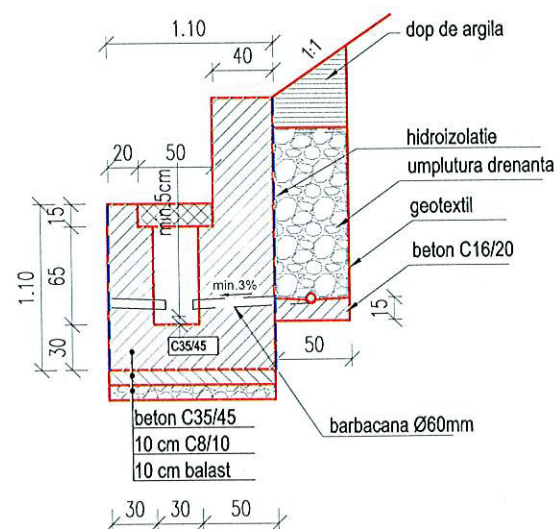
Detaliu camin de vizitare dren



Rigola carosabila
-se aplica pe L=6411ml

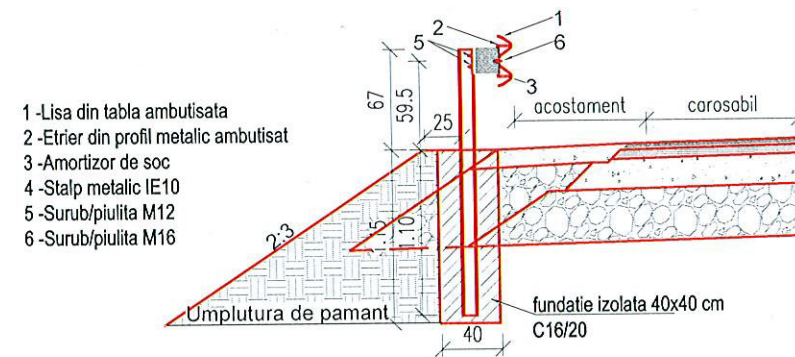


Rigola carosabila ranforsata
-se aplica pe L=3750ml

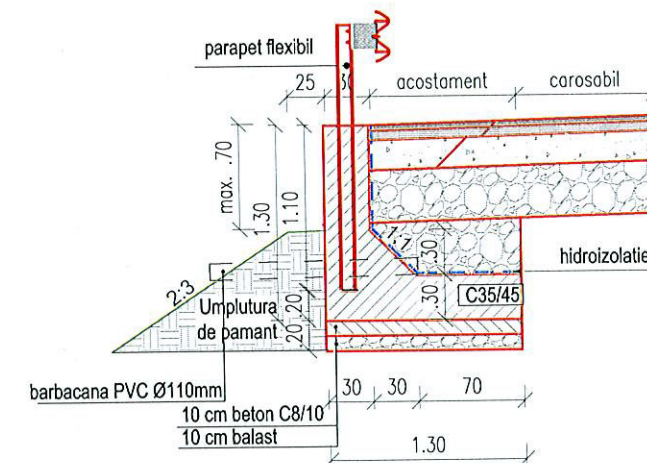


PROIECTANT : SC DRUMEX SRL		
BENEFICIAR: CONSILIUL JUDETEAN BISTRITA NASAUD		
TITLU PROIECT: " MODERNIZARE DJ170, KM 13+450 - 24+450, NEGRILESTI - BREAZA - LIMITA JUDET MARAMURES ", JUDETUL BISTRITA NASAUD		
DETALII SCURGAREA APELOR		
SEF PROIECT	ing. C. Bodea	
PROIECTANT	ing. M. Csillag	
DESENAT	ing. M. Csillag	
VERIFICATOR INTERN	ing. S. Horon	
Contract Nr.114/2014	Revizia Nr:	
Faza:	D.A.L.I.	
Data: Ianuarie 2015	Scara: 1:50	
Cod desen:	2015-DRU-DET 01	

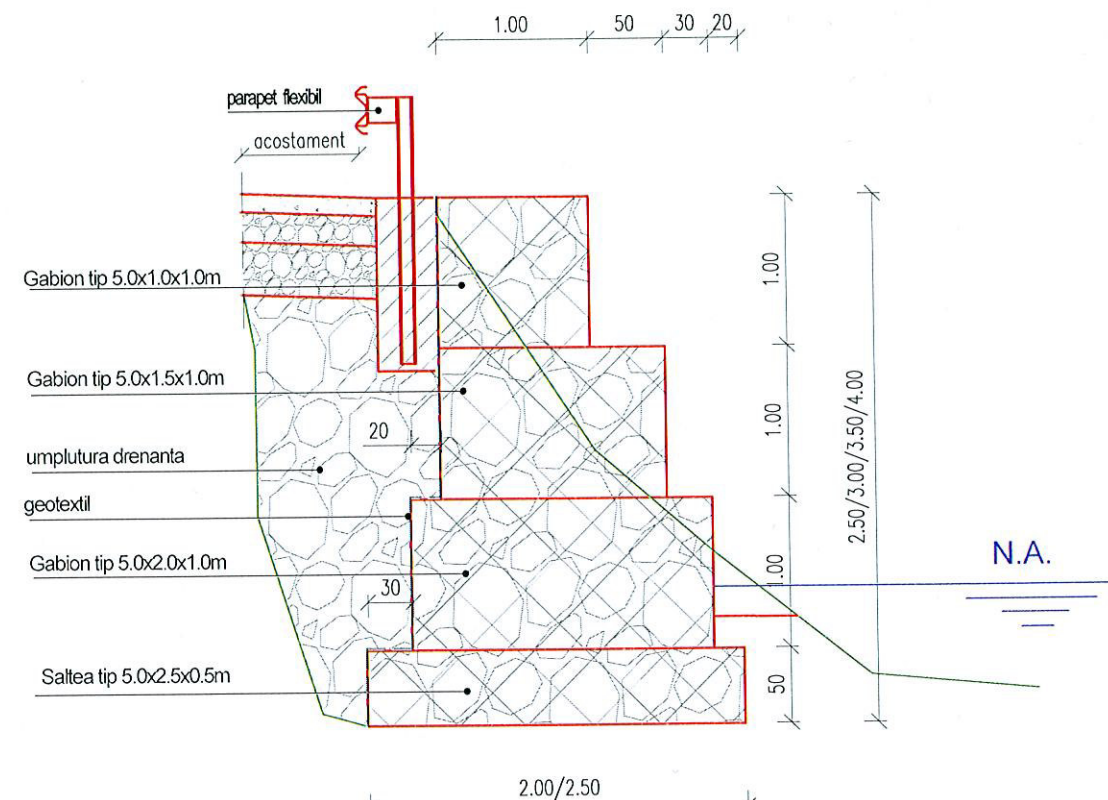
Parapet metalic tip semigreu
pe fundatii izolate
se aplica pe L=2120 ml



Parapet tip L He=1.3m
se aplica pe L=1110 ml



Gabion de rambleu He=2.5-4.0 m
-se aplica pe L= 907 ml



PROIECTANT : SC DRUMEX SRL		
BENEFICIAR: CONSILIUL JUDETEAN BISTRITA NASAUD		
TITLU PROIECT: " MODERNIZARE DJ170, KM 13+450 - 24+450, NEGRILESTI - BREAZA - LIMITA JUDET MARAMURES ", JUDETUL BISTRITA NASAUD		
DETALII PARAPETI DE SIGURANTA SI GABIOANE DE RAMBLEU		
SEF PROIECT	ing. C. Bodea	
PROIECTANT	ing. M. Csillag	
DESENAT	ing. M. Csillag	
VERIFICATOR INTERN	ing. S. Horon	
Contract Nr.114/2014	Revizia Nr:	
Faza:	D.A.L.I.	
Data: Ianuarie 2015	Scara: 1:50	
Cod desen:	2015-DRU-DET 02	

40-50

15-30 35

70-1.30

parapet flexibil

ocostament

carosabil

.50

structura rutiera proiectata

hidroizolatie

geotextil

umplutura drenanta

barbacana tub

PVC ϕ 110 mm

cuneta dren

10-1

C35/45

min.50

C16/20

C35/45

1:1

70-1.00

10 cm C8/10

10 cm balast

1.20-1.75

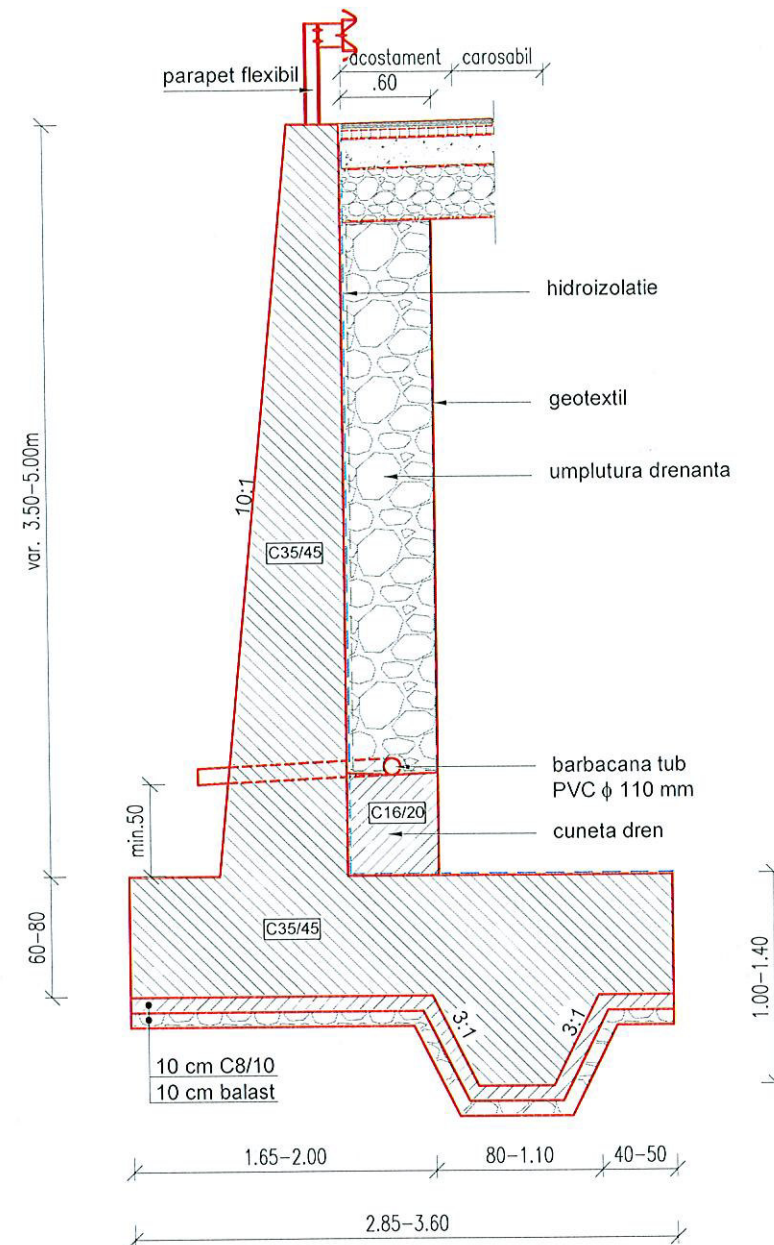
20-40

20-30

var. 1.50-3.00

50-60

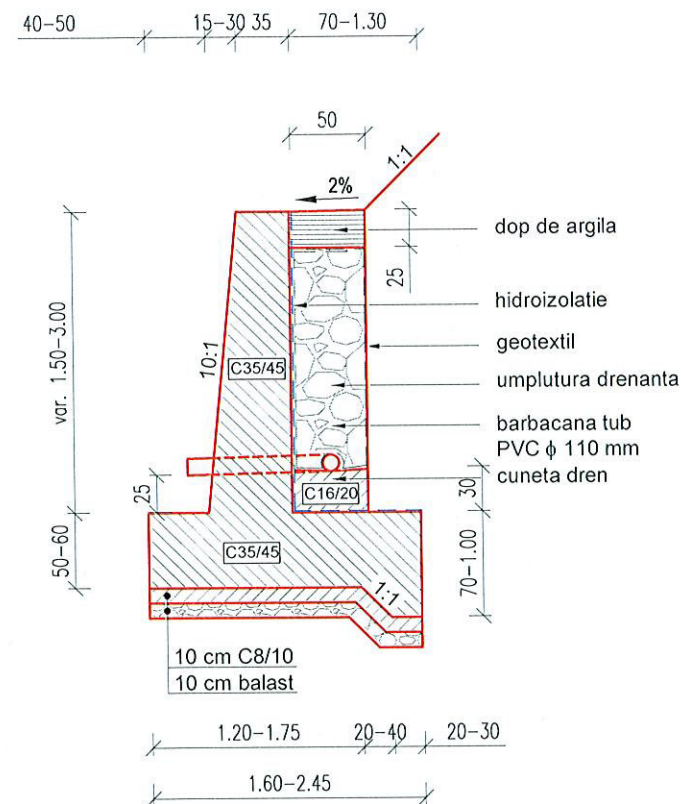
50-60 35-50 35 1.65-2.15



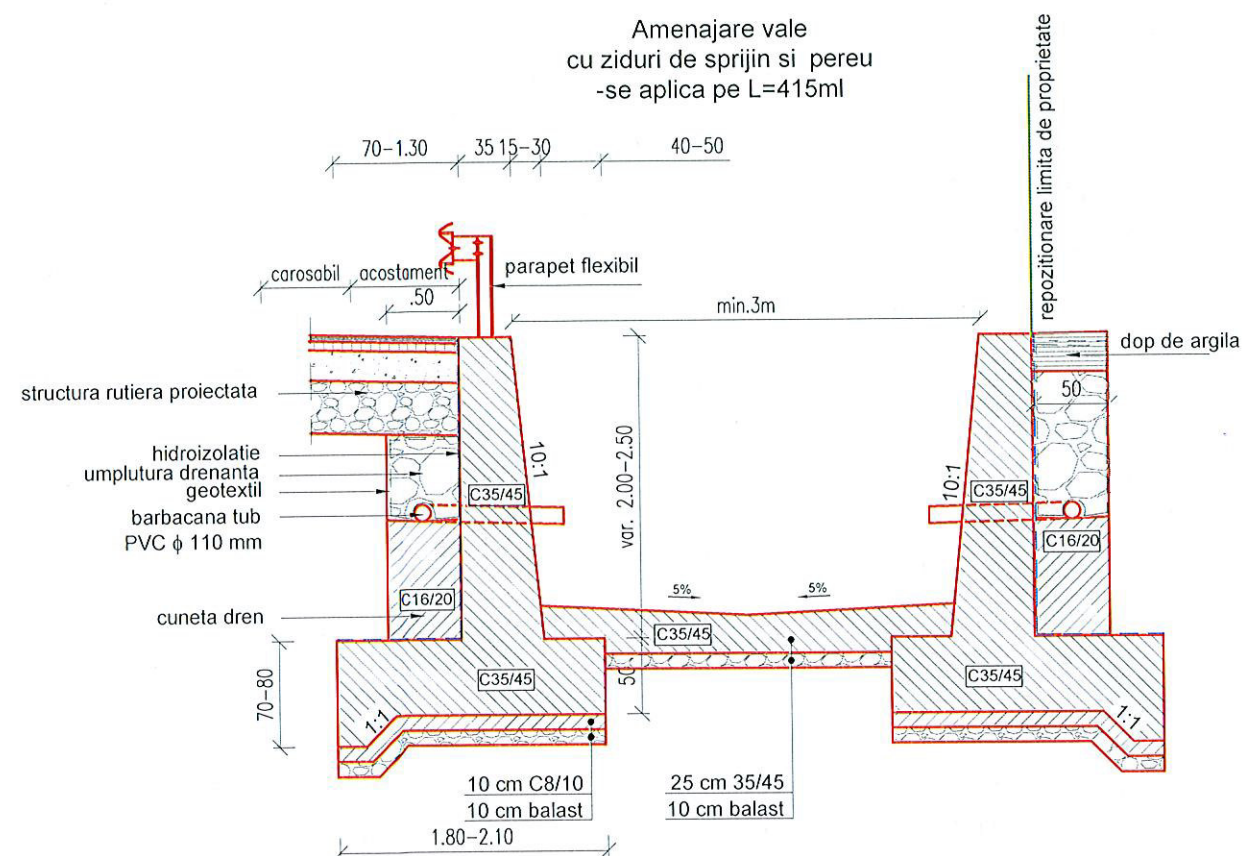
TITLU PROIECT:
" MODERNIZARE DJ170,
KM 13+450 - 24+450,
NEGRILESTI - BREAZA -
LIMITA JUDET MARAMURES ",
JUDETUL BISTRITA NASAUD

Cod desen:	2015-DRU-DET 03
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Zid de sprijin (armat) de debleu
He=1.50 - 3.00m
-se aplica pe L=1390ml

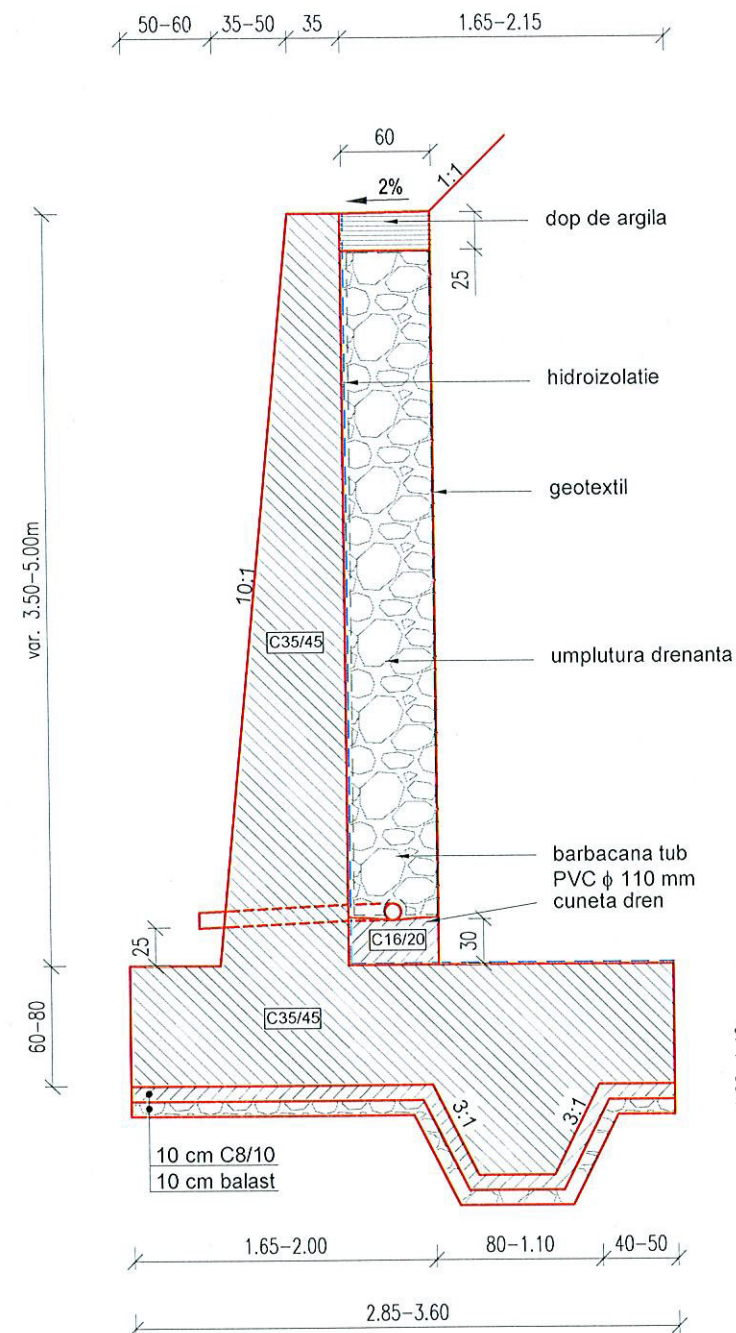


Amenajare vale
cu ziduri de sprijin si pereu
-se aplica pe L=415ml



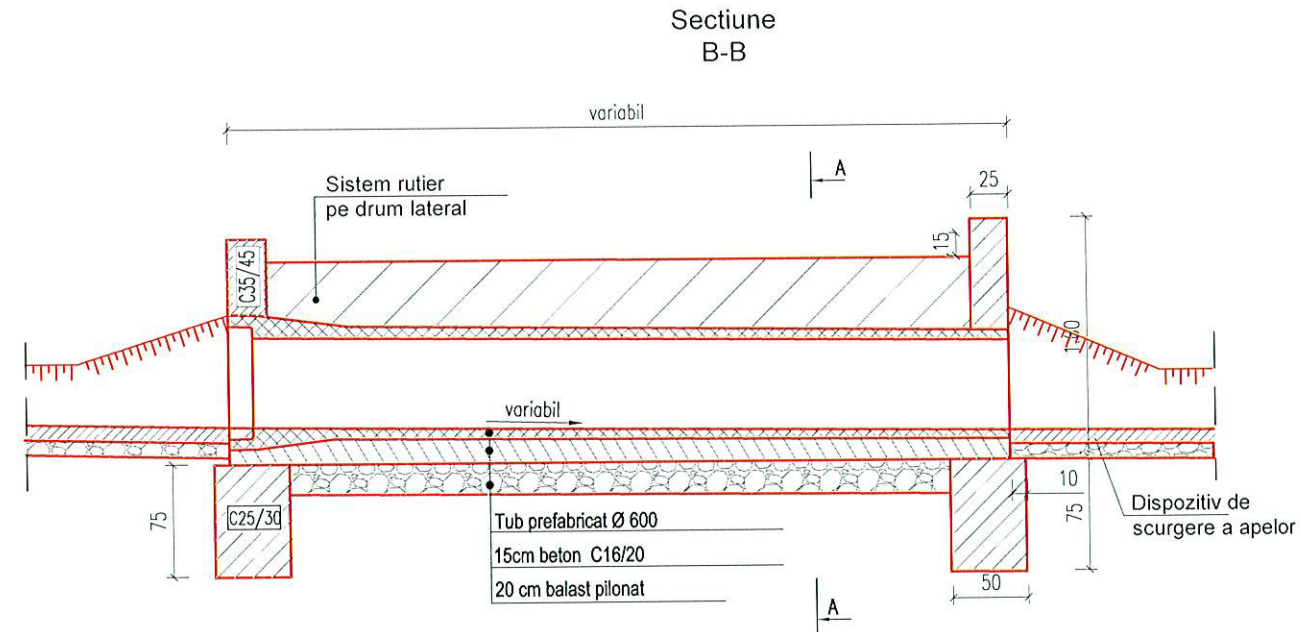
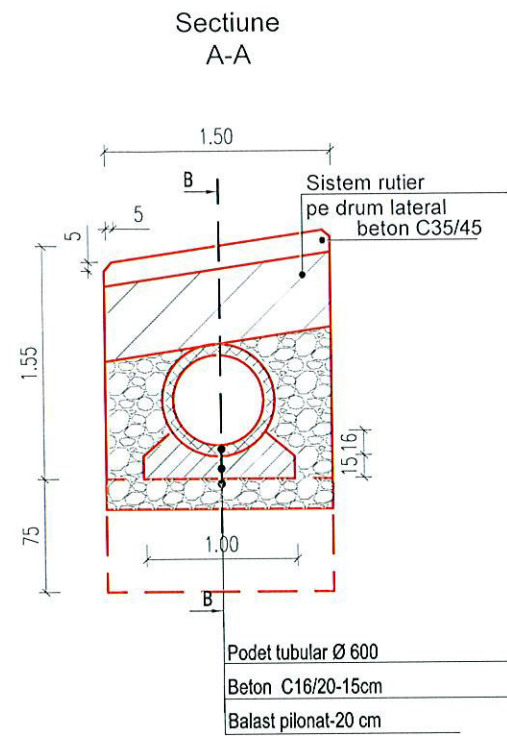
Nota: Cantitatile pentru lucrarile
corespunzatoare zidului adiacent drumului
sunt cuprinse la lucrarile de drum

Zid de sprijin (armat) de debleu
He= 3.50m - 5.00m
se aplica pe L=160ml

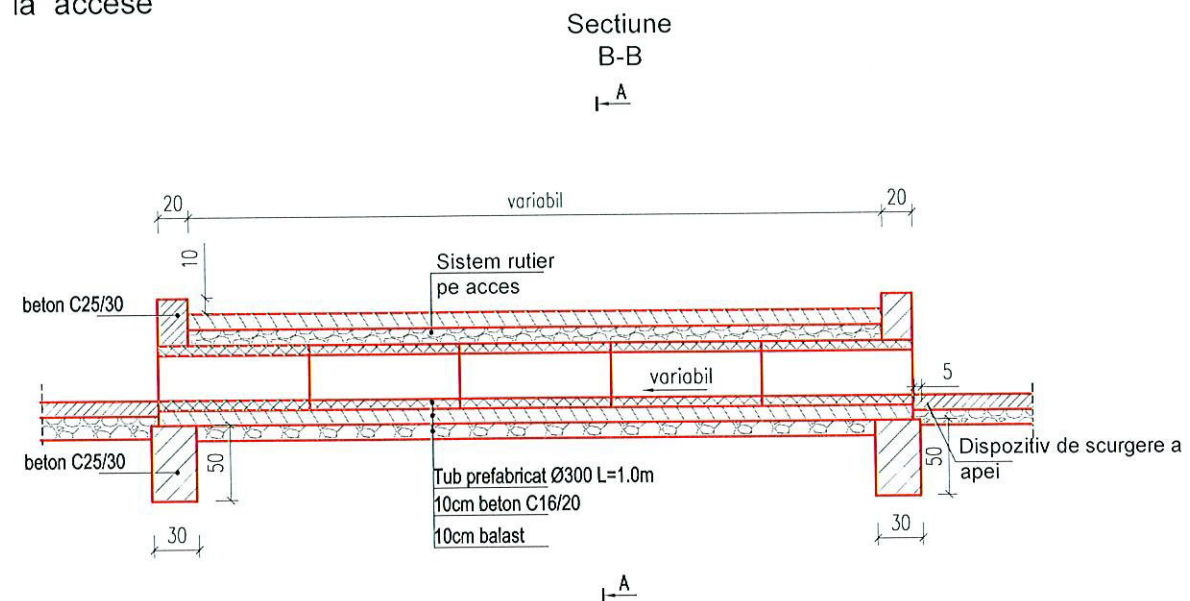
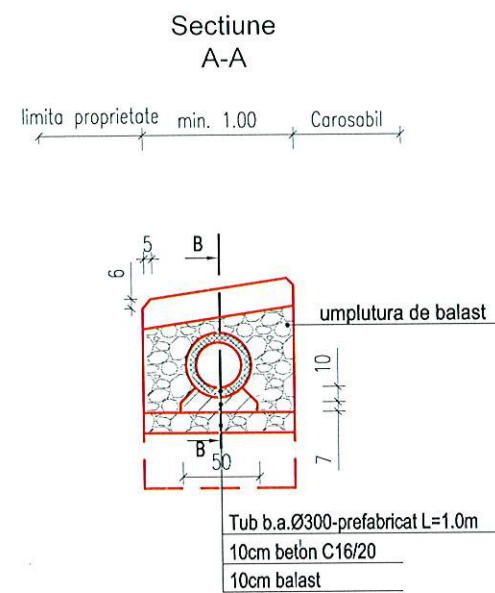


PROIECTANT : SC DRUMEX SRL	
BENEFICIAR: CONSILIUL JUDETEAN BISTRITA NASAUD	
TITLU PROIECT: " MODERNIZARE DJ170, KM 13+450 - 24+450, NEGRILESTI - BREAZA - LIMITA JUDET MARAMURES ", JUDETUL BISTRITA NASAUD	
DETALII ZIDURI DE SPRIJIN DE DEBLEU DETALII AMENAJARE ALBIE	
SEF PROIECT	ing. C. Bodea
PROIECTANT	ing. M. Csillag
DESENAT	ing. M. Csillag
VERIFICATOR INTERN	ing. S. Horon
Contract Nr.114/2014	Revizia Nr:
Faza:	D.A.L.I.
Data: Ianuarie 2015	Scara: 1:50
Cod desen:	2015-DRU-DET 04

Podet tubular Ø 600 la drumurile laterale
Sc. 1:50



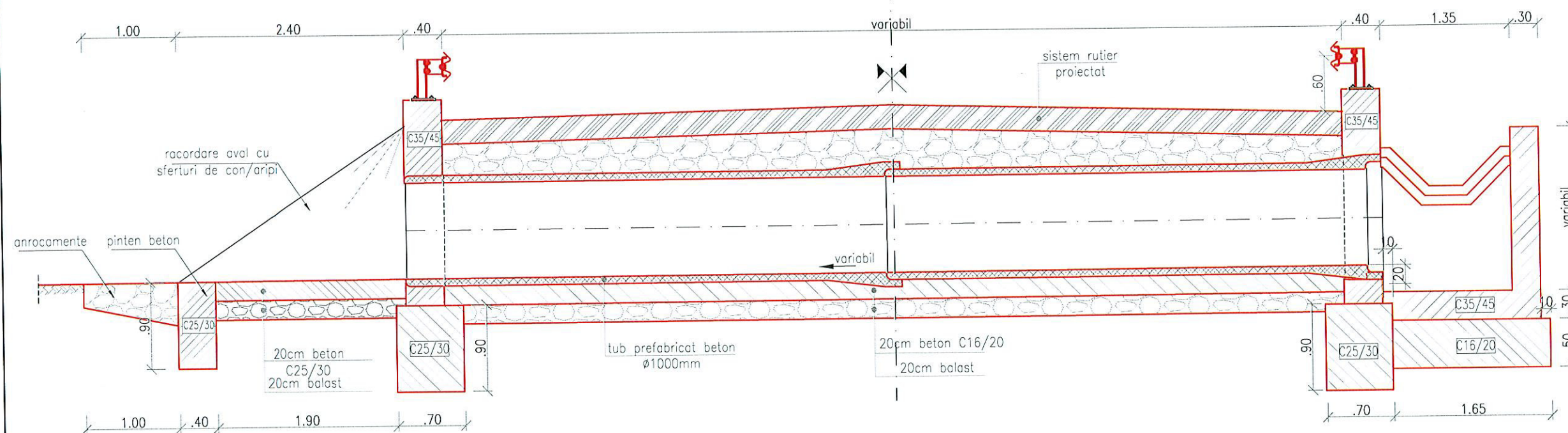
Podet tubular Ø 300 la accese
Sc. 1:50



PROIECTANT : SC DRUMEX SRL	
BENEFICIAR: CONSILIUL JUDETEAN BISTRITA NASEUD	
TITLU PROIECT: " MODERNIZARE DJ170, KM 13+450 - 24+450, NEGRILESTI - BREAZA - LIMITA JUDET MARAMURES ", JUDETUL BISTRITA NASEUD	
DETALII AMENAJARE PODETE LA ACCESE SI DRUMURI LATERALE	
SEF PROIECT	ing. C. Bodea
PROIECTANT	ing. M. Csillag
DESENAT	ing. M. Csillag
VERIFICATOR INTERN	ing. S. Horon
Contract Nr.114/2014	Revizia Nr:
Faza:	D.A.L.I.
Data: Ianuarie 2015	Scara: 1:50
Cod desen:	2015-DRU-DET 05

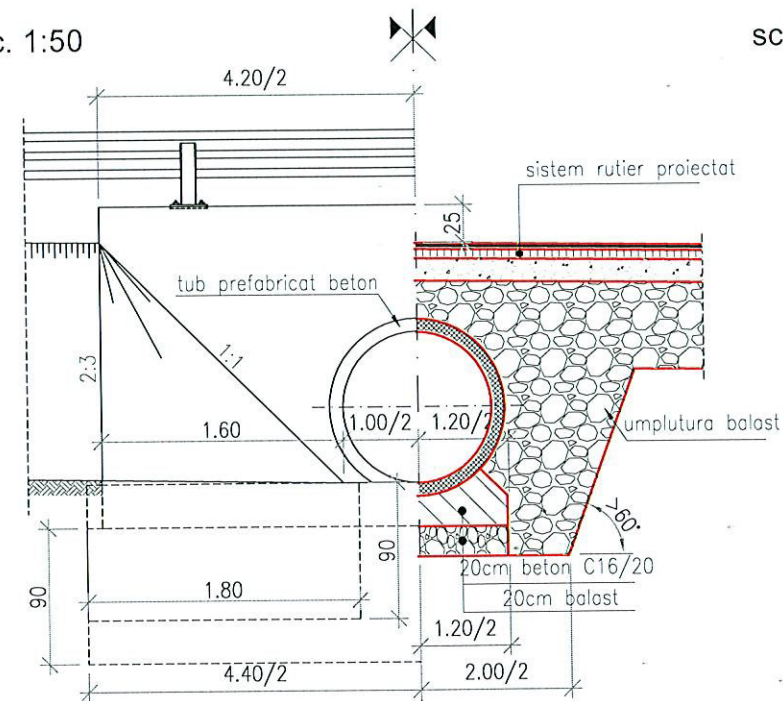
Sețiune longitudinalinala tip
podet tubular - tuburi prefabricate beton
Ø 1000mm

sc. 1:50



Vedere tip aval
podet tubular Ø1000mm - tuburi prefabricate beton

sc. 1:50



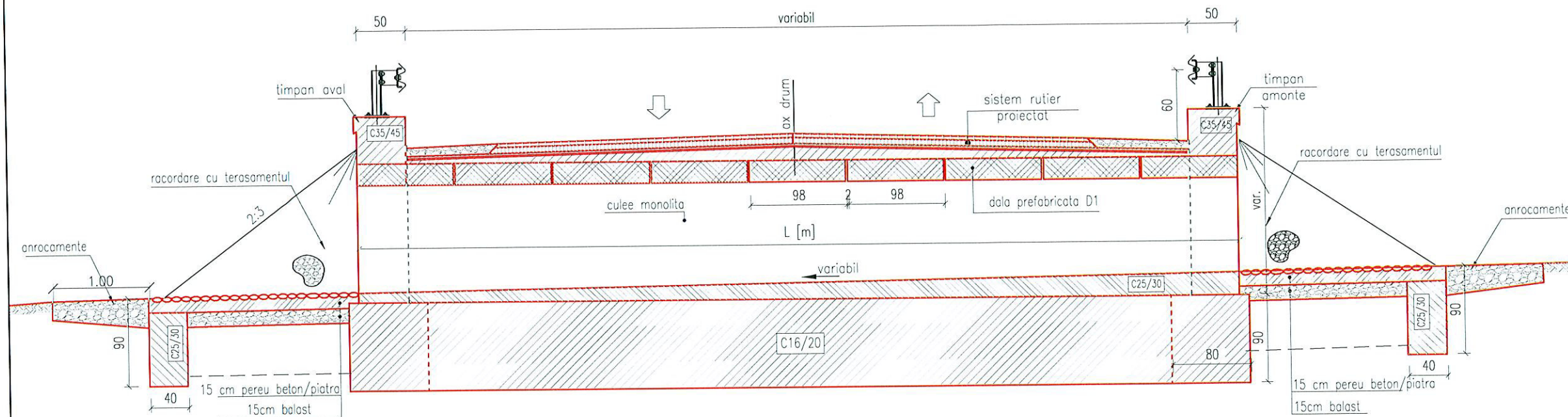
Sețiune transversala tip
podet tubular Ø1000mm - tuburi prefabricate beton

sc. 1:50

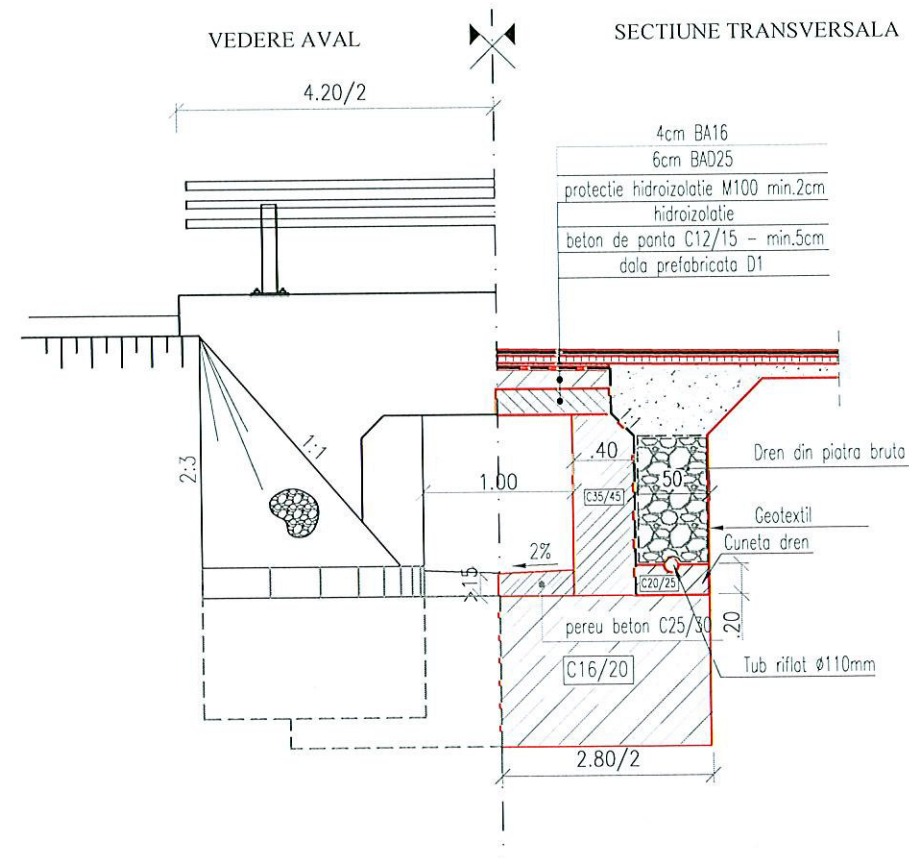
PROIECTANT : SC DRUMEX SRL	
BENEFICIAR: CONSILIUL JUDETEAN BISTRITA NASAUD	
TITLU PROIECT: " MODERNIZARE DJ170, KM 13+450 - 24+450, NEGRILESTI - BREAZA - LIMITA JUDET MARAMURES ", JUDETUL BISTRITA NASAUD	
DETALII PODET TUBULAR Ø1000	
SEF PROIECT	ing. C. Bodea
PROIECTANT	ing. M. Csillag
DESENAT	ing. M. Csillag
VERIFICATOR INTERN	ing. S. Horon
Contract Nr.114/2014	Revizia Nr:
Faza:	D.A.L.I.
Data: Ianuarie 2015	Scara: 1:50
Cod desen: 2015-PDT-DET 01	



SECTIUNE LONGITUDINALA TIP
PODET DALAT TIP D1 - DALE PREFABRICATE BETON ARMAT
sc. 1:50

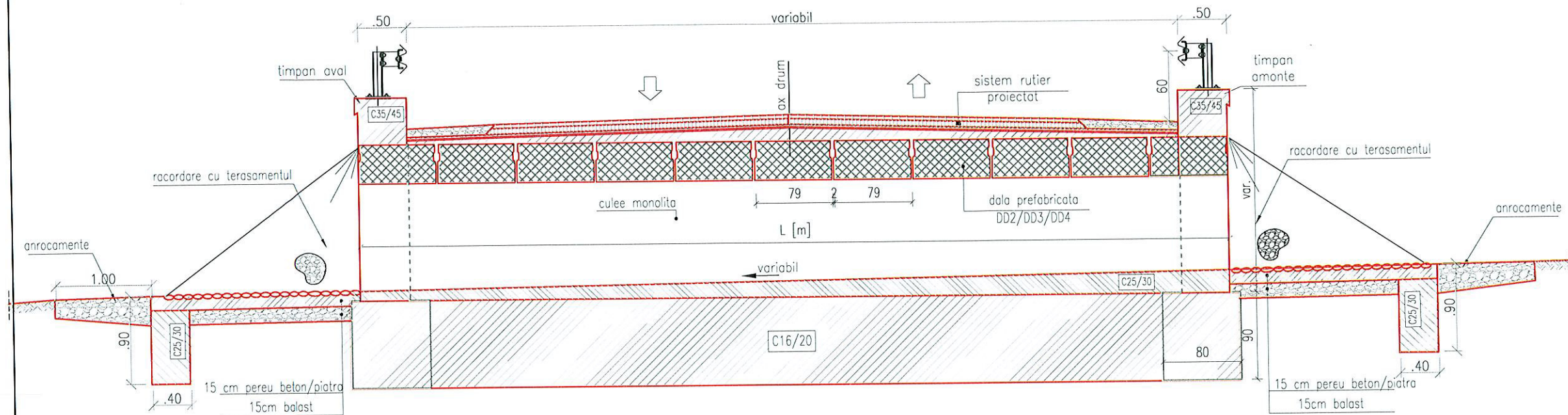


PODET DALAT D1
Scara 1:50

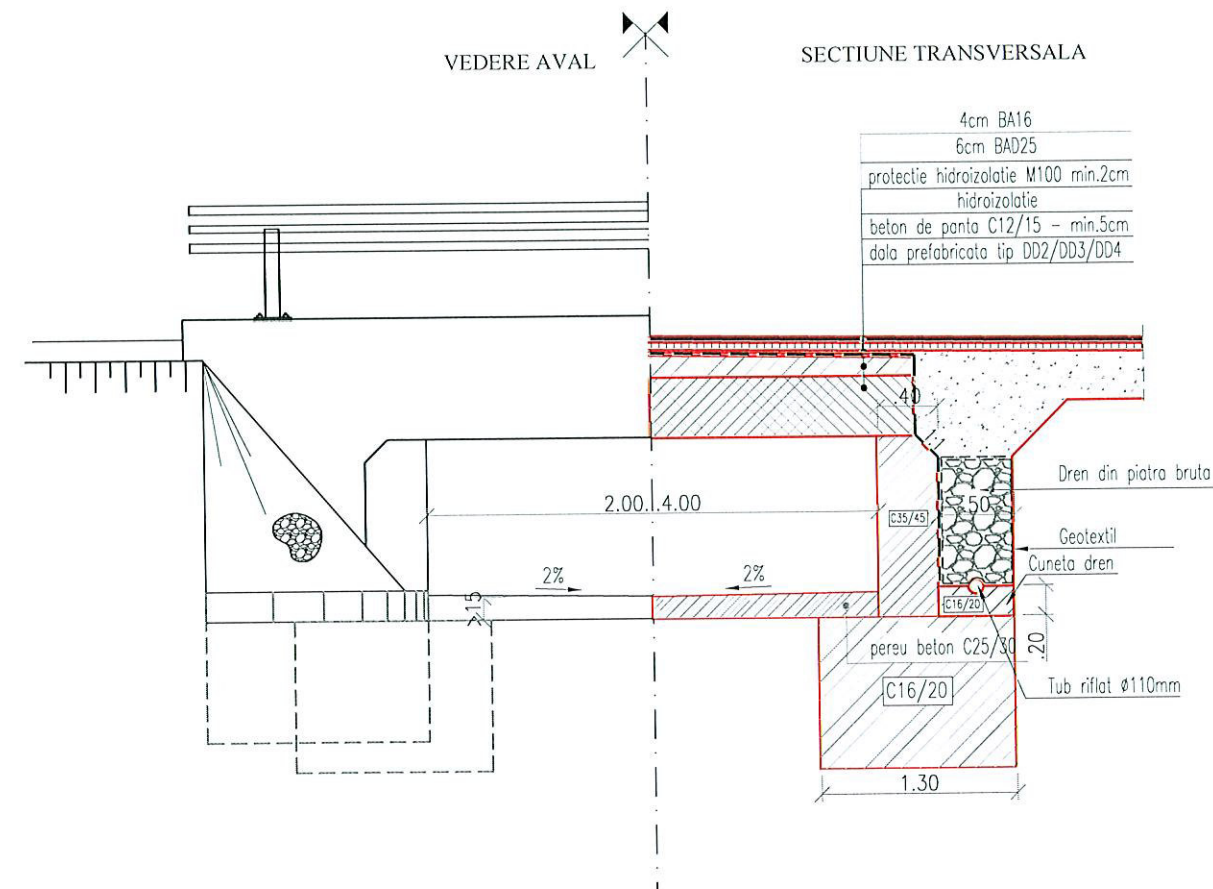


PROIECTANT : SC DRUMEX SRL	
BENEFICIAR: CONSILIUL JUDETEAN BISTRITA NASAUD	
TITLU PROIECT: " MODERNIZARE DJ170, KM 13+450 - 24+450, NEGRILESTI - BREAZA - LIMITA JUDET MARAMURES ", JUDETUL BISTRITA NASAUD	
DETALII PODET DALAT TIP D1	
SEF PROIECT	ing. C. Bodea
PROIECTANT	ing. M. Csillag
DESENAT	ing. M. Csillag
VERIFICATOR INTERN	ing. S. Horon
Contract Nr.114/2014	Revizia Nr:
Faza:	D.A.L.I.
Data: Ianuarie 2015	Scara: 1:50
Cod desen: 2015-PDT-DET 02	

SECTIUNE LONGITUDINALA TIP
PODET DALAT TIP DD2/DD3/DD4
DALE PREFABRICATE BETON PRECOMPRIMAT
sc. 1:50



PODET DALAT TIP DD2/DD3/DD4
Scara 1:50



PROIECTANT : SC DRUMEX SRL	
BENEFICIAR: CONSILIUL JUDETEAN BISTRITA NASHUD	
TITLU PROIECT: " MODERNIZARE DJ170, KM 13+450 - 24+450, NEGRILESTI - BREAZA - LIMITA JUDET MARAMURES ", JUDETUL BISTRITA NASHUD	
DETALII PODET DALAT TIP DD2/DD3/DD4	
SEF PROIECT	ing. C. Bodea
PROIECTANT	ing. M. Csillag
DESENAT	ing. M. Csillag
VERIFICATOR INTERN	ing. S. Horon
Contract Nr.114/2014	Revizia Nr:
Faza:	D.A.L.I.
Data: Ianuarie 2015	Scara: 1:50
Cod desen: 2015-PDT-DET 03	