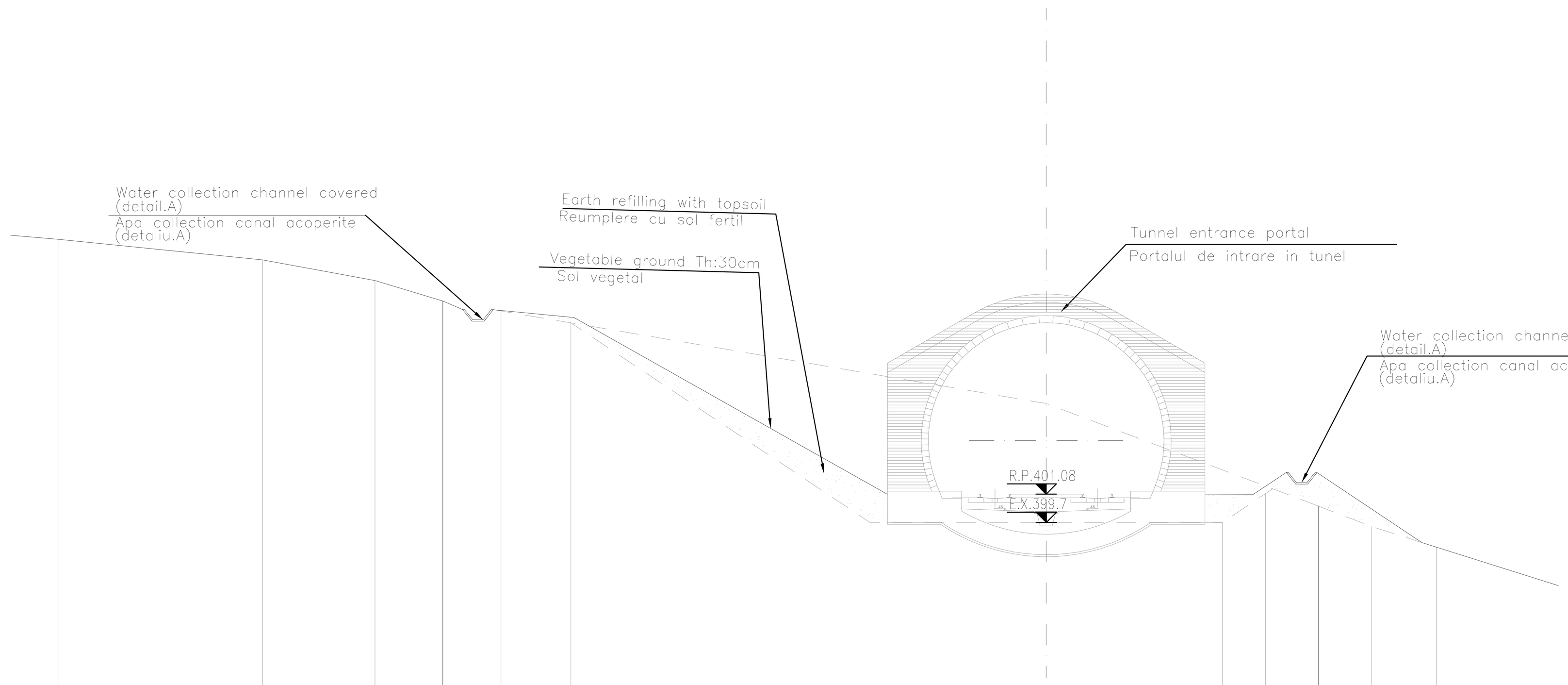
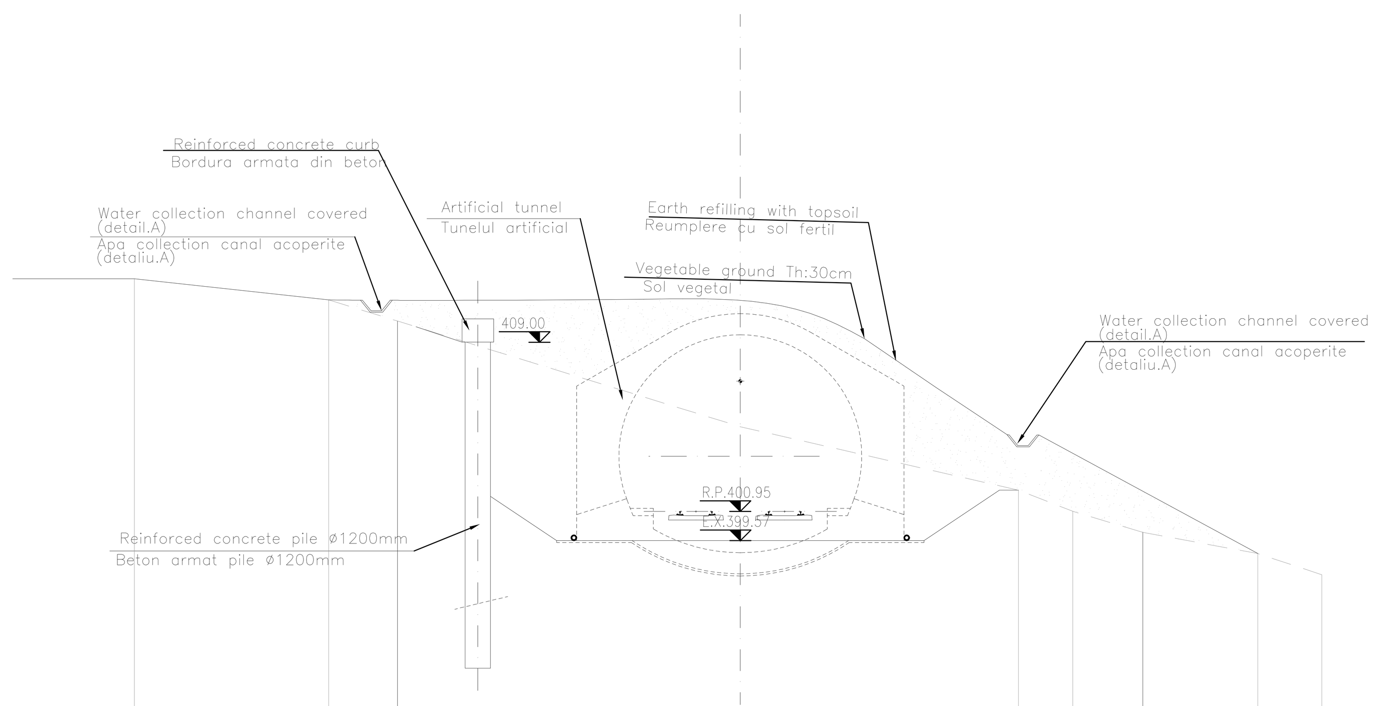
SECTION A–A
SECTIUNEA A–A
Scale/Scara 1:200



Ref.Level: +391

DESIGN LEVEL / NIVEL DE PROIECTARE – ALTITUDE / ALTITUDINE	413.00	412.00	411.00	410.00	409.84	408.93	399.00	399.00	400.60	400.00	4399.00	4398.00
PARTIAL DISTANCES / DISTANTELE PARTIALA	9.94	5.49	3.31	2.84	3.41	14.58	17.20	2.10	2.58	2.59	3.17	
GROUND LEVEL / NIVELUL SOLULUI – ALTITUDE / ALTITUDINE	413.00	412.00	411.00	410.00	405.00	400.00	4399.00	4398.00				
PARTIAL DISTANCES / DISTANTELE PARTIALA	9.94	5.49	3.31	29.44	13.29	2.59	3.17					

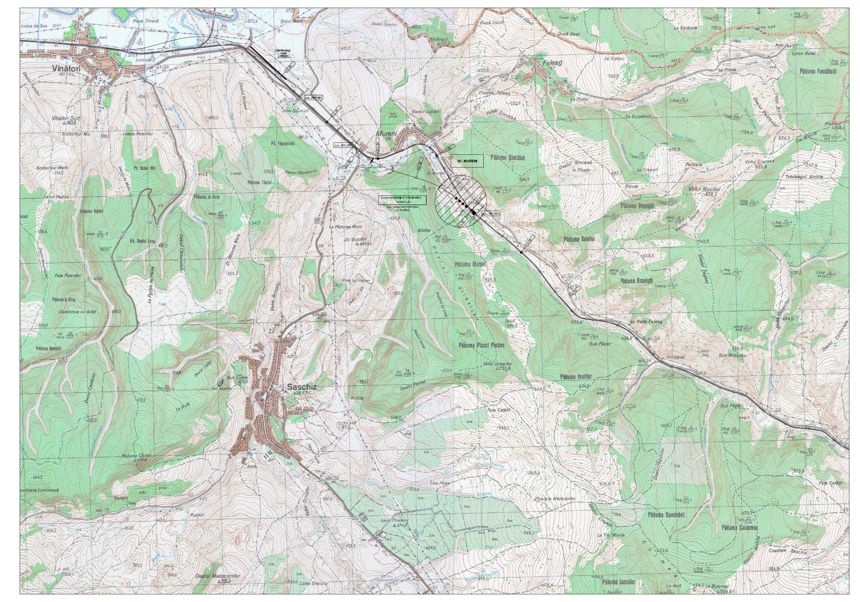
SECTION B–B
SECTIUNEA B–B
Scale/Scara 1:200



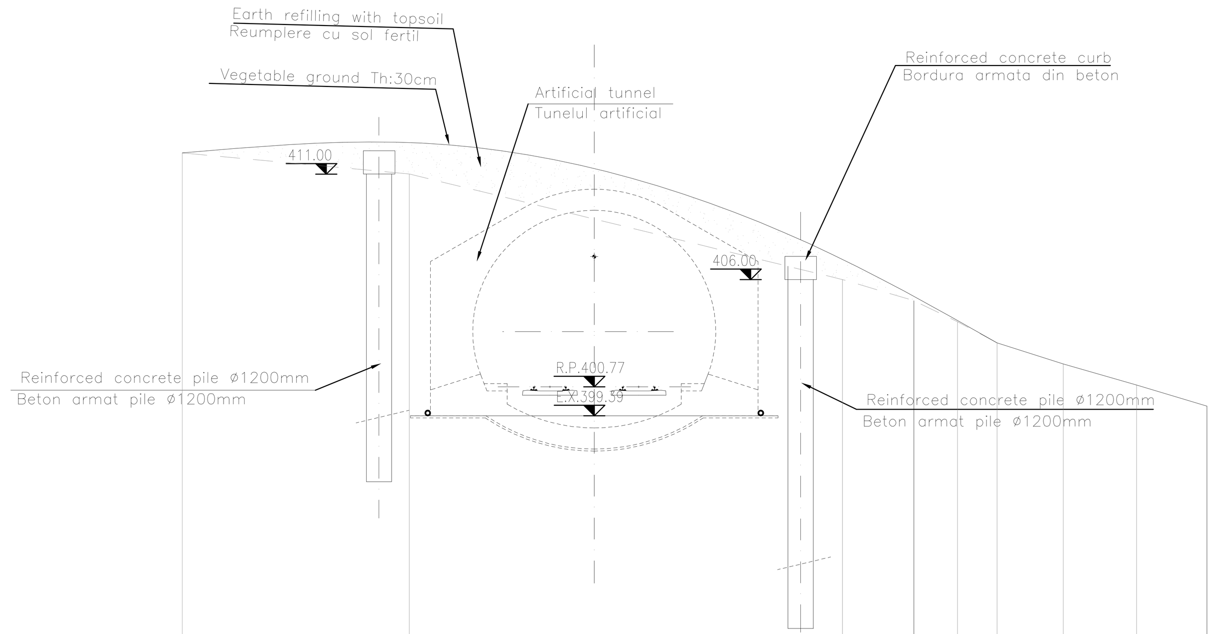
Ref.Level: +391

DESIGN LEVEL / NIVEL DE PROIECTARE – ALTITUDE / ALTITUDINE	412.00	411.00	399.61	399.61	402.00	401.00	400.00	4399.00	4398.00
PARTIAL DISTANCES / DISTANTELE PARTIALA									
GROUND LEVEL / NIVELUL SOLULUI – ALTITUDE / ALTITUDINE	412.00	411.00	410.00	405.00	402.00	401.00	400.00	4399.00	4398.00
PARTIAL DISTANCES / DISTANTELE PARTIALA	9.20	3.26	16.09	13.31	2.57	3.32	5.44	3.03	

GENERAL PLAN / PLANUL GENERAL



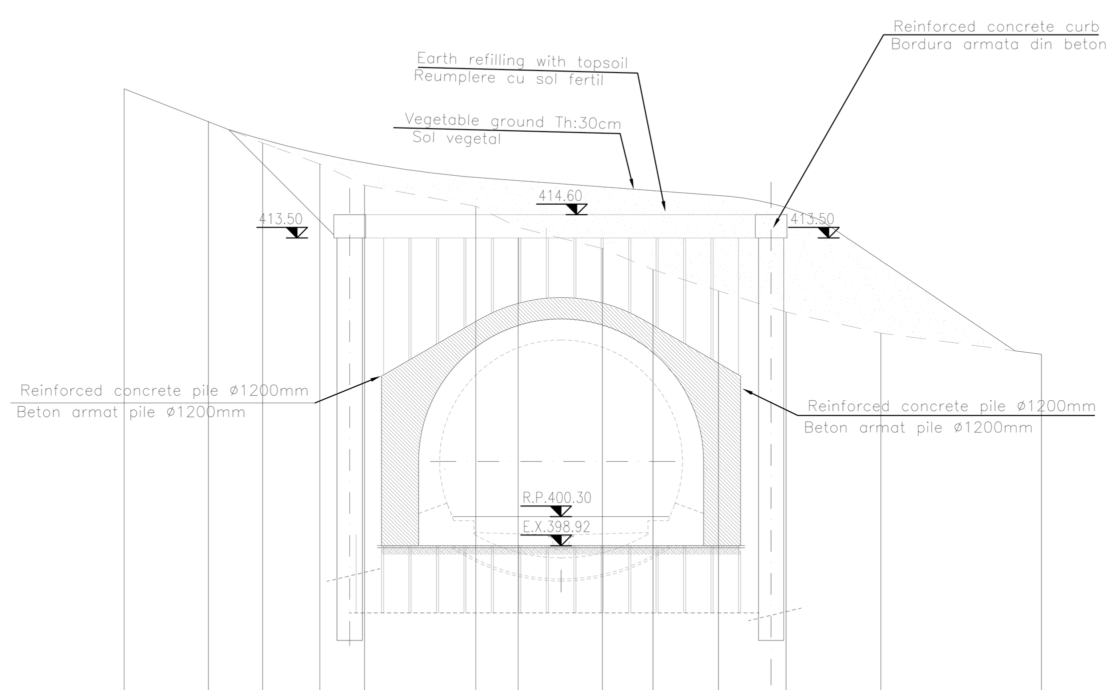
SECTION C–C
SECTIUNEA C–C
Scale/Scara 1:200



Ref.Level: +391

DESIGN LEVEL / NIVEL DE PROIECTARE – ALTITUDE / ALTITUDINE	412.00	411.6	411.20	406.32	405.00	403.00	403.00	402.00	401.00	400.00
PARTIAL DISTANCES / DISTANTELE PARTIALA										
GROUND LEVEL / NIVELUL SOLULUI – ALTITUDE / ALTITUDINE	412.00	411.00	406.00	405.00	404.00	403.00	402.00	401.00	400.00	
PARTIAL DISTANCES / DISTANTELE PARTIALA	10.74	20.49	3.38	2.06	1.87	3.13	3.47	3.33		

SECTION D–D
SECTIUNEA D–D
Scale/Scara 1:200



Ref.Level: +391

DESIGN LEVEL / NIVEL DE PROIECTARE – ALTITUDE / ALTITUDINE	420.00	418.62	413.50	410.03	409.35	409.00	408.00						
PARTIAL DISTANCES / DISTANTELE PARTIALA	4.96	5.12	21.15	2.98	1.61	7.60							
GROUND LEVEL / NIVELUL SOLULUI – ALTITUDE / ALTITUDINE	420.00	419.00	418.00	417.00	416.00	415.00	414.00	413.00	412.00	411.00	410.00	409.00	408.00
PARTIAL DISTANCES / DISTANTELE PARTIALA	3.99	2.56	2.71	2.12	5.26	2.01	3.99	2.39	3.10	3.20	4.49	7.60	

LEGEND
RP = REFERENCE PLANE
EX = EXCAVATIONS PLANE
PC = CENTERS PLANE

Indice / Index	Data / Date	Modificare / Modification/Revision	Proiectant / Designer	Aprobat Consultant / Approved Consultant	Aprobat CFR / Approved CFR
D					
C					
B					
A					

GUVERNUL ROMANIEI / ROMANIAN GOVERNMENT
PROIECT FINANŢAT DE UNIUNEA EUROPEANĂ / EUROPEAN UNION FINANCED PROJECT

CLIENT / CLIENT: C.N.C.F. "C.F.R." - S.A.

ITALFERR – GRUPPO FERROVIE DELLO STATO – Joint Venture leader; Scott Wilson; OBERMEYER PLANEN + BERATEN GmbH; TECNIC Consulting Engineers

CONSULTANT / CONSULTANT

			Data / Date	Semnătură / Signature
Aprobat / Approved	Şef proiect / Project manager	R. Liuzza		
Aprobat / Approved	Coordonator Secţiune 1 / Section 1 Coordinator	C.Gambelli		
Verificat / Checked	Tunel Expert / Tunnel Expert	C. Gambelli		
Întocmit / Elaborated	Proiectant / Designer	C.Gambelli		

SUBCONSULTANT / SUBCONSULTANT

Aprobat / Approved	Responsabil Subconsultant / Subconsultant Responsible			
Întocmit / Elaborated	Proiectant / Designer			

Reabilitarea liniei de cale ferata Braşov - Simeria, parte componentă a coridorului IV Pan European, pentru circulaţia trenurilor cu viteza maximă de 160 km/h. Sectiune 1 Brasov - Sighisoara

Rehabilitation of the railway line Braşov - Simeria, component Part of the IV Pan-European Corridor, for the trains circulation with maximum speed of 160 km/h. Section 1 Brasov - Sighisoara

Proiect/Project 2004/RO/16/P/PA/003
Faza / Phase: P.Th. / T.D.

Denumire desen / Drawing Title : **MURENI TUNNEL**
ENTRANCE ARCHITA SIDE
Final layout: cross section
Planul final: sectiuni transversala

Codificare / Codification System | Scara / Scale **variat / various** | LOT | Nr. / No -

E A 5 1 | 0 1 | C | 1 6 | W 9 | G A | 1 0 | 0 | 0 | 0 0 2 | 0