



- 1) Pentru coborarea nivelului apei subterane sub cel al sapaturii se folosesc pompe.
 - 2) Pe timpul executarii tunelului circulatia pe liniile II si III se asigura cu ajutorul a doua poduri provizorii (G22, Vmax = 30km/h).
 - 3) Sapatura se executa partial manual si partial mecanic.
 - 4) Pe 2.85m de la baza sapatura se executa vertical cu sprijiniri din materiale lemnoase.
- 1) The lowering of the subterranean (underground) water level under the excavation level will be done with water pumps.
- 2) During the tunnels execution trains running on II and III lines will be diverted on two provisory bridges (G22, Vmax = 30km/h).
- 3) The digging will be done partially manually and partially mechanical.
- 4) From the base for 2.85m the digging is done vertically with wooden propping.

PENTRU STRATUL PORTANT S-A APROCIAT O PRESIUNE CONVENTIONALA, CA VALOARE DE BAZA $p_{conv} = 450 \text{ kPa}$
The Conventional pressure for the supporting layer was considered as (with) a base value of $p_{conv} = 450 \text{ kPa}$

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B					
A					
Indice	Data	Modificare	Proiectant	Aprobat	Aprobat CFR
Indice	Date	Modificari/Revisiuni	Designer	Approved Consultant	Approved CFR
		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					
Aprobat	Set proiect	R. Liuzza	12.2011	Semnatura	
Approbat	Project manager			Signature	
Aprobat	Coordonator Sectiune 1	C. Gambelli	12.2011	[Signature]	
Verificat	Section 1 Coordinator				
Checked	Verifier	Giuseppe Fioravanti	12.2011	[Signature]	
SUBCONTRACTANT / SUBCONTRACTOR					
Aprobat	Responsabil Subcontractant	A. Stanciu - Dinulescu	12.2011	[Signature]	
Approbat	Subcontractant Responsible				
Intocmit	Proiectant	C. Alexandrescu	12.2011	[Signature]	
Elaborat	Designer				
Rehabililitarea liniei de cale ferata Brasov - Simeria, parte componenta a coridorului IV Pan European, pentru circulatia trenurilor cu viteza maxima de 160 km/h. Tronsonul : Brasov - Sighisoara Rehabilitation of the railway line Brasov - Simeria, component Part of the IV Pan-European Corridor, for the trains circulation with maximum speed of 160 km/h. Section : Brasov - Sighisoara				Proiect/Project 2004/RO/16/P/PA/003 Faza / Phase: P.T./T.P	
Denumire desen / Drawing Title :					
PLAN DE SAPATURA PENTRU TUNELUL PIETONAL STATIA APATA APATA STATION EXCAVATION PLAN FOR PEDESTRIAN TUNNEL					
Codificare / Codification System		Scara / Scale	LOT / LOT	Nr. / No.	
EA51		1:100	4	01/01	
01		X A		003	
C		C C		0	
09		4			
X A		4			
C C		4			
00		4			
00		4			
03		4			
0		4			