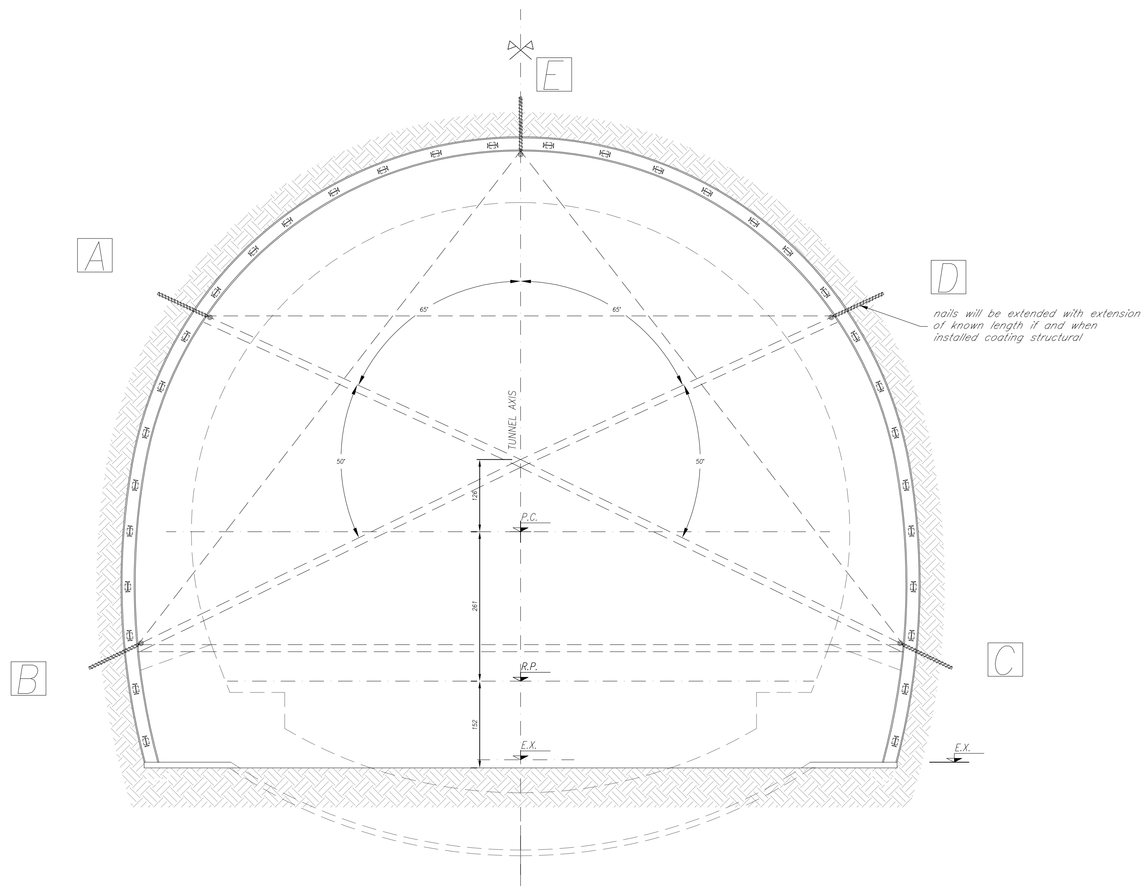
SECTION TYPE "EC"
SECTIUNE TIP "EC"
Scale/Scara 1:50



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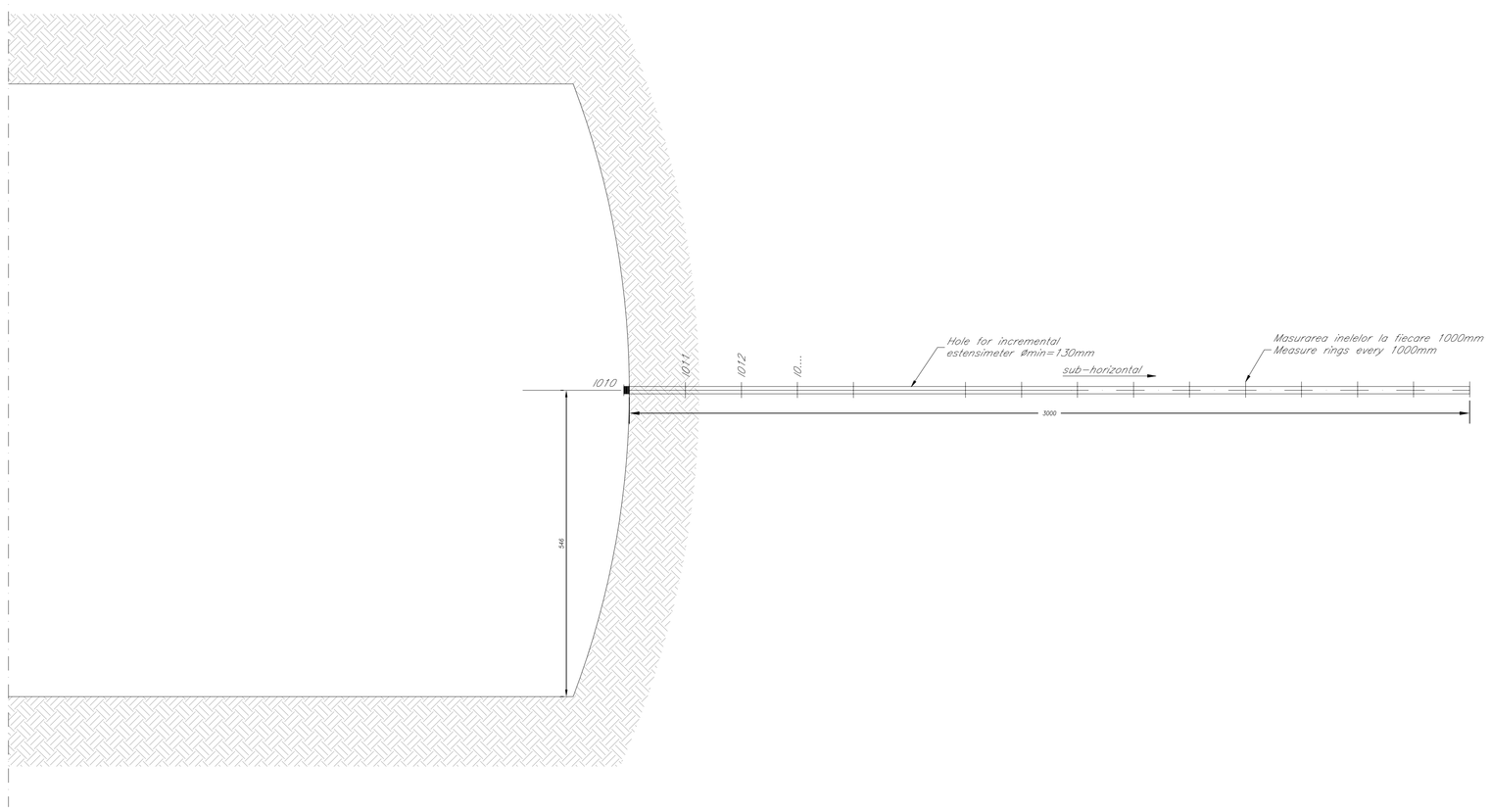


SECTION LEGEND AND INSTRUMENT TYPE

◪◪◪◪◪	POINTS FOR THE MEASUREMENT OF CONVERGENCE AND THE SURVEY PLANIMETRIC AND ALTIMETRIC
----------	MEASURES OF CONVERGENCE OF OPTICAL READING
– – – – –	MEASURE OF CONVERGENCE MAY BE OBTAINED THROUGH THE USE OF DISTOMETRO FOIL

NOTE:

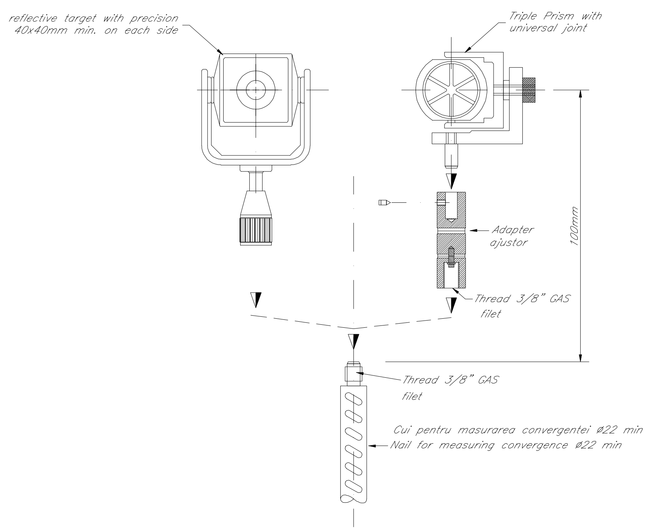
- ALL SIZES ARE IN m UNLESS EXPRESSLY SPECIFIED
- THE POSITION OF BOLTS FOR MEASURING CONVERGENCE IS INDICATORS AND TAKEN ON SITE ON THE BASIS OF THE POSSIBILITY OF PLACEMENT TUBE VENTILATION.
- THE BOLTS FOR MEASURING CONVERGENCE WILL BE SET IN STONE ONLY IN EXCEPTIONAL CASES, PRIOR AUTHORIZATION BY P.M., THEY MAY BE DETERMINED TO RIBS.
- IN SPECIAL CASES, THE LENGTH OF SECTION STILL ROCK BOLT MAY BE REDUCED TO 150 mm WHERE THIS OR SAID PERMITTED BY LOCAL CONDITIONS OF THE ROCK MASS IF IT IS NOT AFFECTING THE STABILITY ANCHOR.
- PLUMBING DETAILS AND DETAILS OF EQUIPMENT ARE APPROXIMATE AND MUST BE CONFIRMED BY OF THE CONTRACTORS THAT BEFORE THE SUPPLY OF INSTALLATION WILL PREPARE AND OBTAIN APPROVAL FOR CONSTRUCTION PROJECT.

instrumente cheie si sectiunea tip

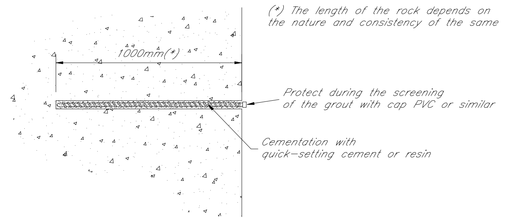
1010

DETAILS INSTRUMENTATION
DETALIILE APARATURII

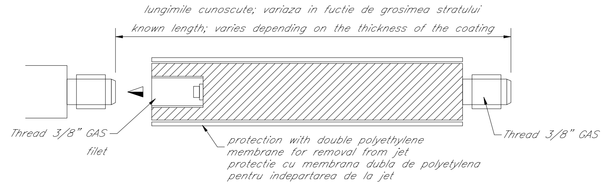
DETAIL OF CONNECTION OF THE NAIL ON THE PRISM OF CONVERGENCE



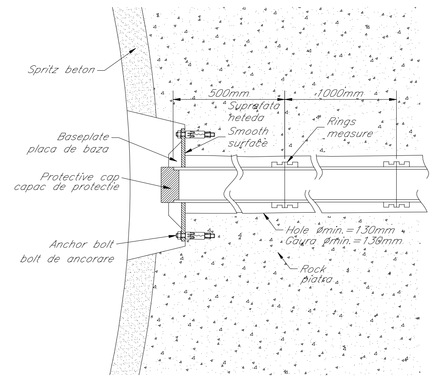
NAIL CONVERGENCE IN ROCK HARDENED



CUIUL POSIBIL DE EXTENSIE
POSSIBLE EXTENSION NAIL



HEAD DETAIL INCREMENTAL STRAIN GAUGES



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.

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 : **ARCHITA 2 TUNNEL**
NATURAL TUNNEL
Monitoring system: typical cross section - 1 of 2
Sistemul de monitorizare: sectiuni transversale tip - 1 din 2

Codificare / Codification System	Scara / Scale	LOT	Nr. / No
E A 5 1 0 1 C 1 4 WZ G N 0 4 0 0 0 0 1 0	varlat / varlous		-