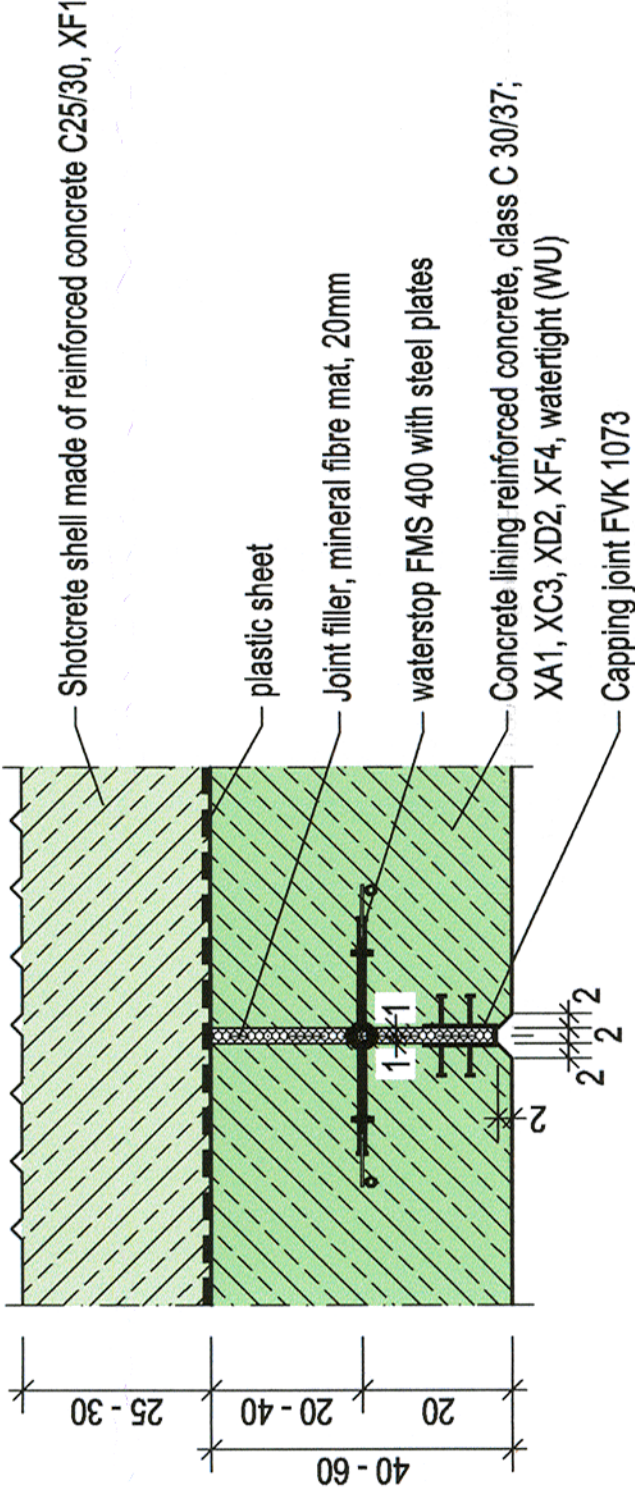
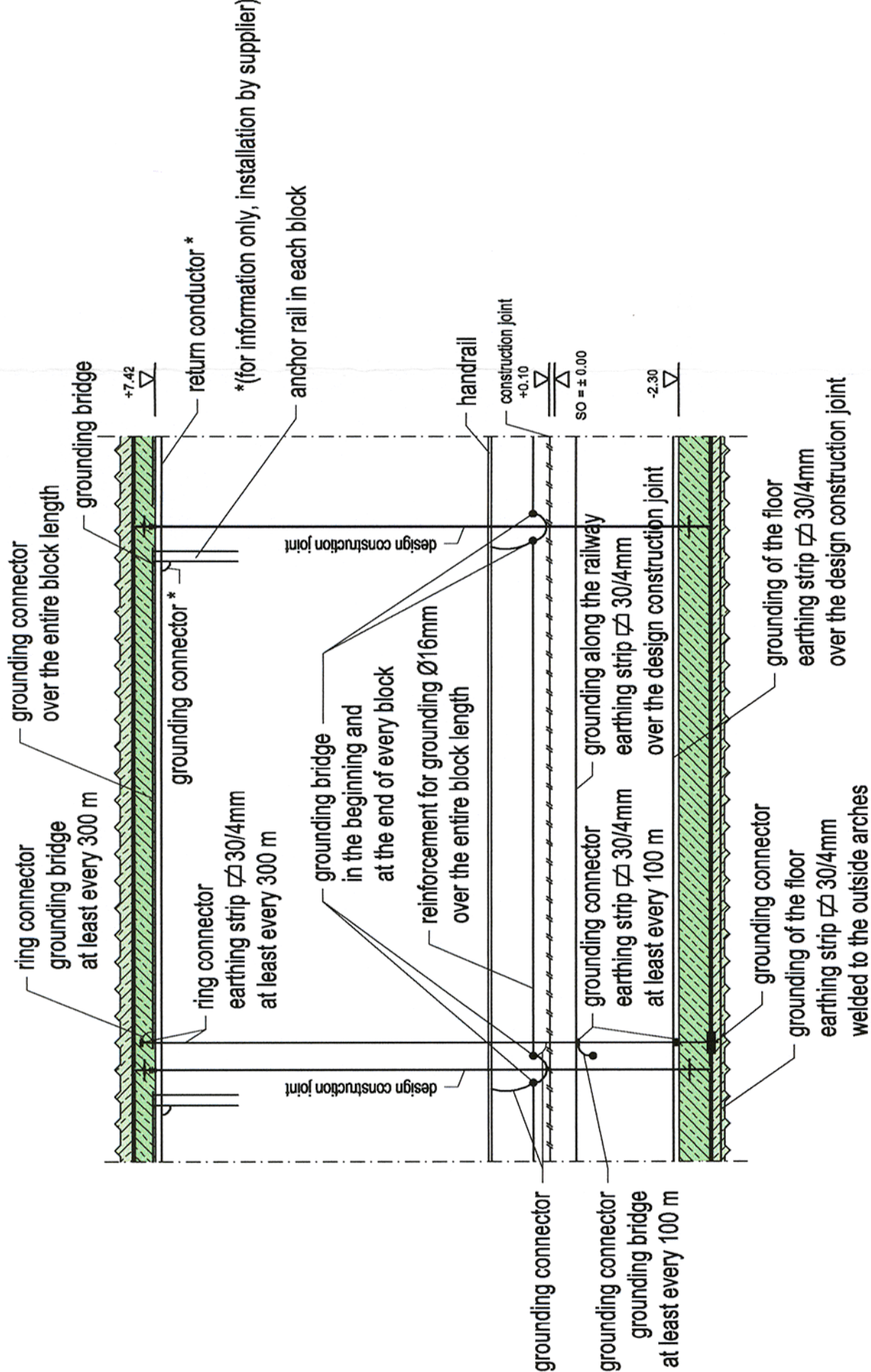


Detail "A"

Design Construction joint roof,
mining method
M=1:10

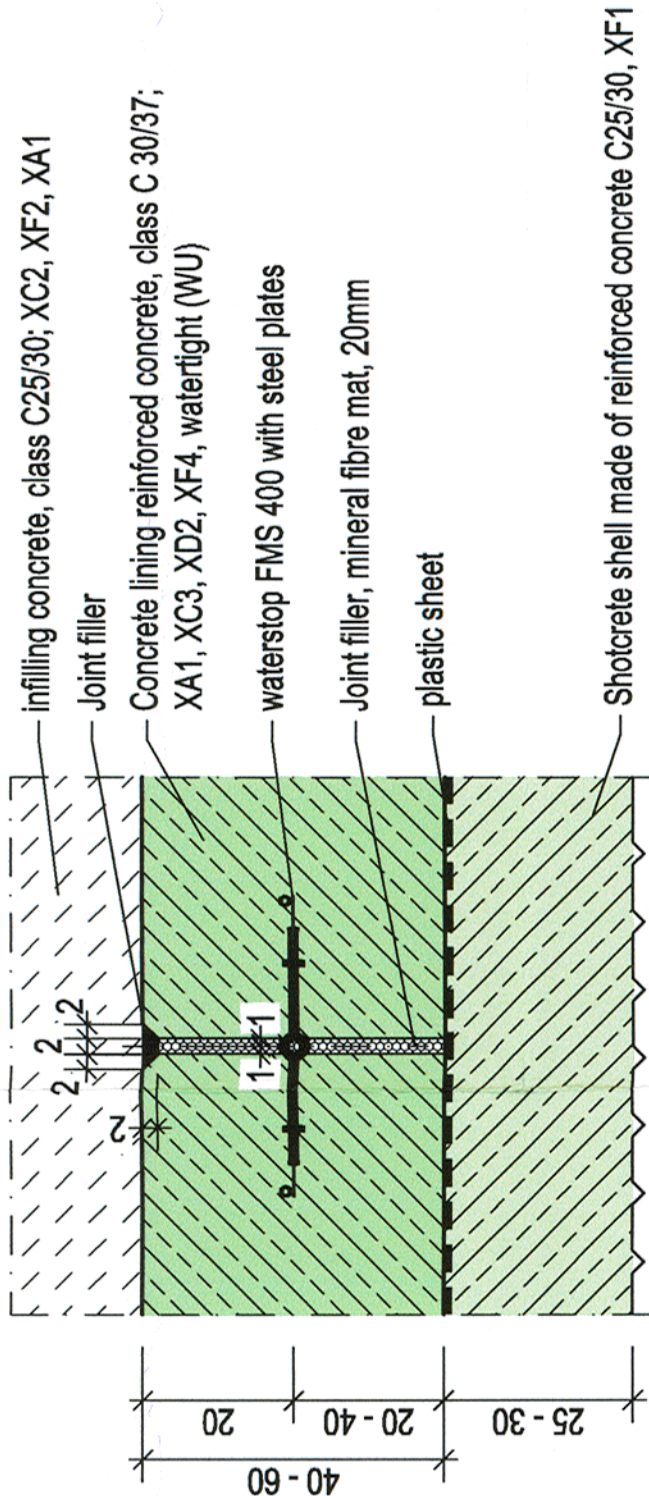


View
electrical grounding
M=1:100



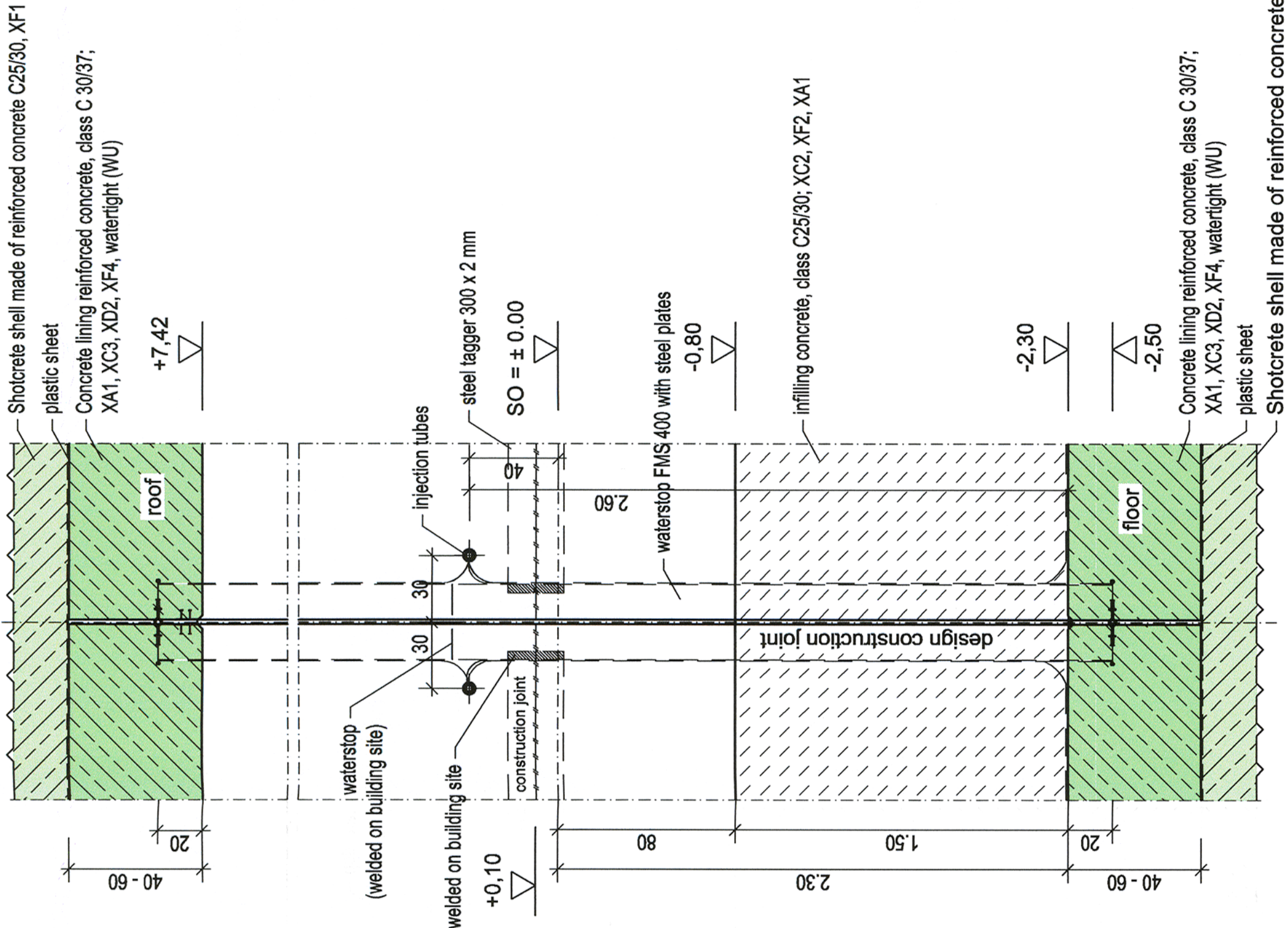
Detail "B"

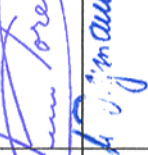
Design Construction joint floor,
mining method
M=1:10



Detail "C"

attachment for injection and vent tubes of waterstop
mining method
M=1:20



Verificator / Expert Checker / Expert		European Investment Bank		Semnatura Signature		Referat / Expertiza Report / Expertise	
BENEFICIAR / BENEFICIARY : 		COMPANIA NAȚIONALĂ DE CĂI FERATE "CFR" SA		MINISTERUL TRANSPORTURILOR			
PROIECTANT / DESIGNER:						Semnatura Signature	
Aprobat Approved	Sef de echipa Team leader	C. Teodorescu		06/2013			
Verificat Checked	Expert Cheie Key Expert	M. Diegmann		06/2013			
Aprobat Approved	Adjunct Sef de echipa Deputy Team leader	J. Werfling		06/2013			
Proiectat Designed	Inginer Engineer	T. Urban		06/2013			
Denumire desen / Drawing name:				Proiect 9i 35311.1			
				"Reabilitarea liniei c.f. Frontiera - Curtici - Simeria, parte componentă a coridorului IV Pan - European pentru circulația trenurilor cu viteză maximă de 160 km/h" Tronsoanel 2: km 614-Gurasa			
TUNNEL, DETAILS - ELECTRICAL GROUNDING				"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" - Section 2 :km 614-Gurasa			
Scara / Scale		Cod desen / Drawing Code		Nr / N		TUD	
1:20 / 1:10		TUD 1					