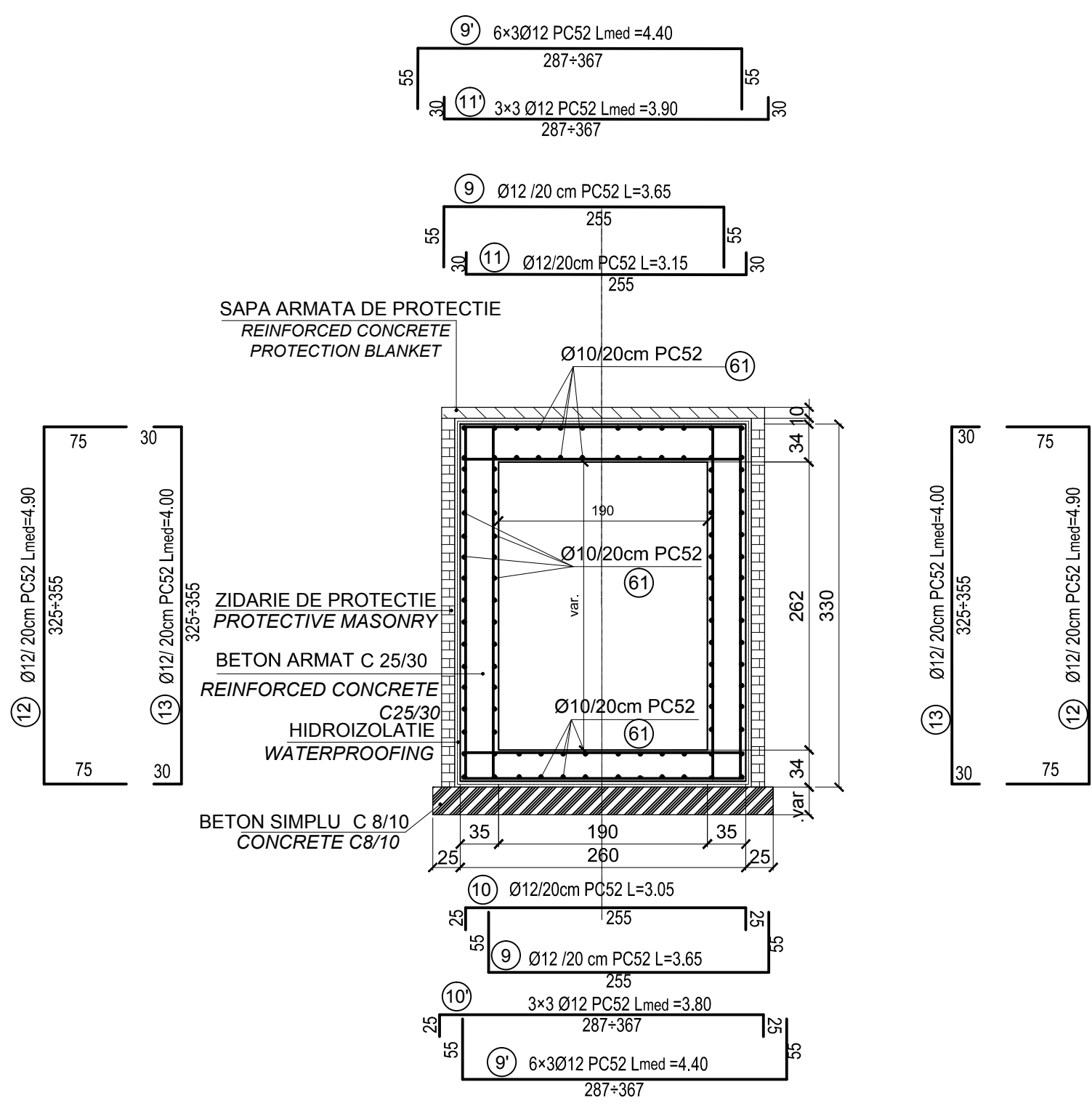


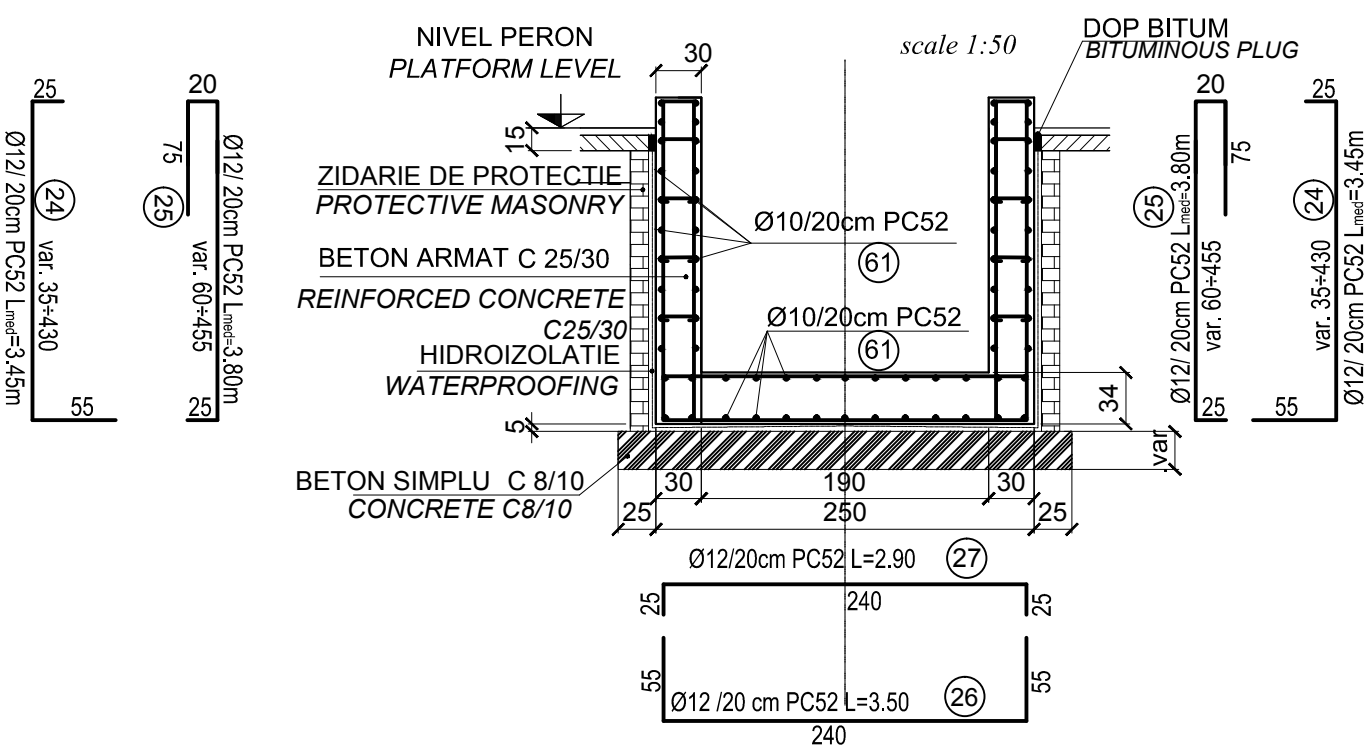
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SECTION : F-F

scara 1:50
scale 1:50



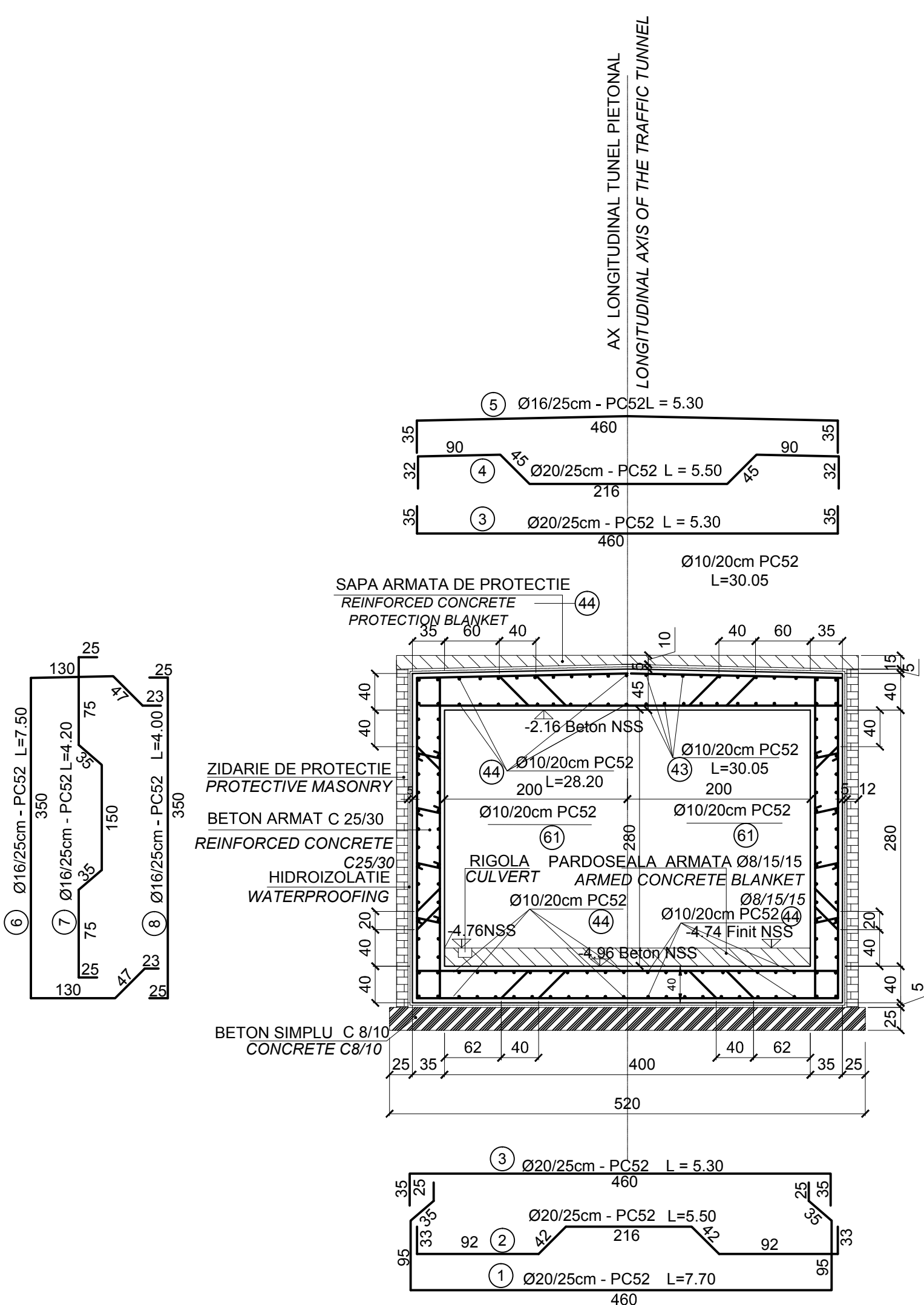
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SECTION : G-G

scara 1:50
scale 1:50



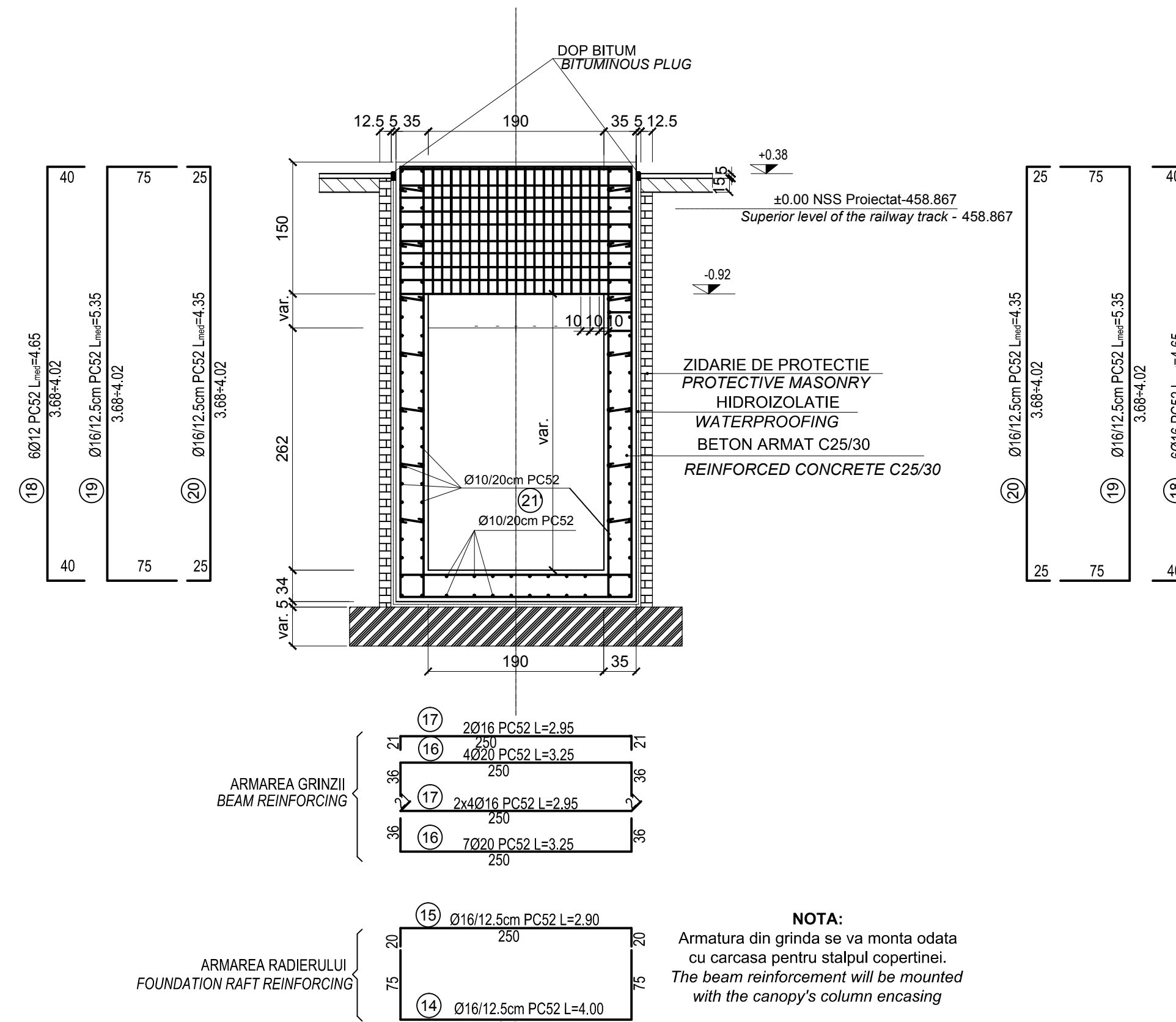
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SECTION : E-E

scara 1:50
scale 1:50

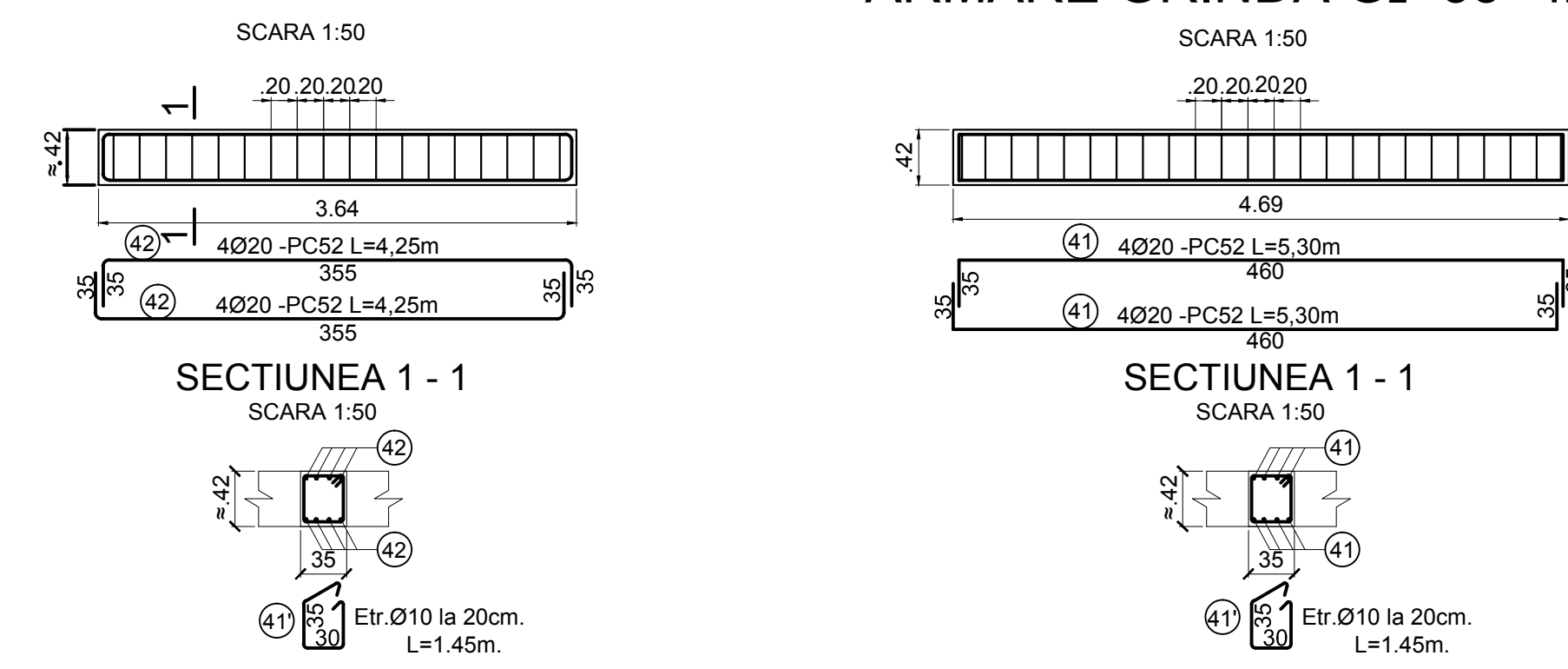


SECTIUNE : F'-F'
SECTION : F'-F'

scara 1:50
scale 1:50



ARMARE GRINDA G1 - 35x42 - 3buc. ARMARE GRINDA G2 - 35x42 - 2buc.

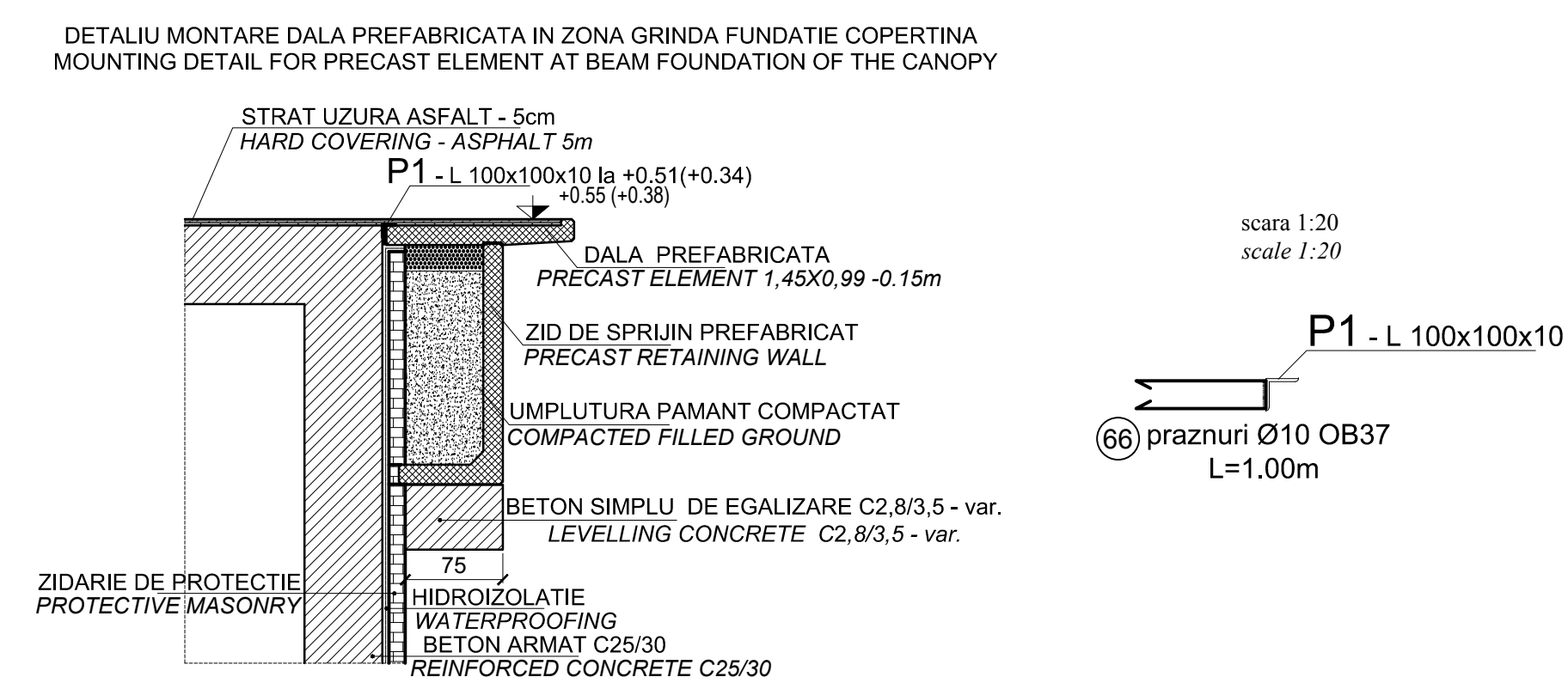


PENTRU EXTRASUL DE ARMATURA VEZI PLAN TUNEL
FOR THE REINFORCEMENT TABLE SEE THE TUNNEL PLAN

Beton simplu/ Plain concrete - C8/10 - P4 - T3 - IIA - 132,5 (R)
Beton armat/ Reinforcing concrete - C25/30 - P4 - T3 - IIA - 142,5 (R)
Armaturi/ Reinforcements - PC 52
Armaturi/ Reinforcements - OB 37

NOTA:
Este absolut necesara confirmarea caracteristicilor terenului de fundare (de catre proiectantul geotehnician), dupa executarea sapaturilor/umpluturilor (dupa caz). La executarea sapaturilor / umpluturilor, se va realiza un foraj suplimentar, de verificare, in amplasamentul tunelului pentru a se verifica daca informatiile din forajele pentru proiectare sunt corecte. In cazul in care existat eventuale diferente, lucrarile proiectate se vor adapta conform rezultatului acestor studii geotehnice de verificare.

NOTE:
It is absolutely necessary that the geo-technician designer confirms characteristics of the foundation ground after carrying out the excavations / fillings (depending on the case). During the excavation / filling works, one supplementary checking borehole will be made in the tunnels location to see if the information from the borehole for the design stage are correct.



Indice	Data	Modificari	Proiectant	Aprobat	Consultant	Aprobat
Index	Date	Modification/Revision	Designer	Approved	Consultant	Approved CFR



GUVERNUL ROMANIEI
ROMANIAN GOVERNMENT

PROIECT FINANAT DE UNIUNEA EUROPEANA
EUROPEAN UNION FINANCED PROJECT

CLIENT / CLIENT

CFR
C.N.C.F. "C.F.R." - S.A.

ITALFER
GRUPPO FERROVIE DELLO STATO
Joint Venture leader

Scott
Wilson

OBERMEYER
PLANEN + BERATEN GmbH

TECNIC
Consulting Engineers

CONSULTANT / CONSULTANT		Data	Semnatura
Approbat	Spil proiect		Signature
Approbat	Project manager	R. Liuzza	12.2011
Approbat	Coordinator Section 1	C. Gambelli	12.2011
Verificat	Verificator	Giuseppe Fioravanti	12.2011
Checkat	Verifier		

SUBCONTRACTANT / SUBCONTRACTOR		Data	Semnatura
Approbat	Responsabil Subcontractant		Signature
Approbat	Subcontractant Responsible	A. Stanciu - Dinulescu	12.2011
Imposat	Proiectant	Catalin Alexandrescu	12.2011
Elaborat	Conducator		

Reabilitarea liniei de cale ferata Brasov - Simeria, parte componenta a coridorului IV Pan European, pentru circulatia trenurilor cu viteza maxima de 160 km/h.
Tronsoanel: Brasov - Sighisoara
Rehabilitation of the railway line Brasov - Simeria, Component Part of the IV Pan-European Corridor, for the trans circulation with maximum speed of 160 km/h.
P. 7h / T.I.D.
Section : Brasov - Sighisoara
Project/Project
2004/RO16/PA/003
Faza / Phase:
P. 7h / T.I.D.
D.E. / E.D.

Denumire desen / Drawing Title		No. / No.
HALTA MATEIAS - TUNEL PIETONAL SECTIUNI TRANSVERSALE E-E; F-F; F'-F'; G-G; DETAILII ARMARE GRINZI PE TUNEL MATEIAS FLAG STATION - PEDESTRIAN TUNNEL CROSS SECTIONS F-F; E-E; F'-F'; G-G; TUNNEL BEAMS REINFORCEMENT DETAILS		01 / 01
Codificare / Codification System	Scara / Scale	LOT / LOT
E A 5 1 0 1 E 1 2 W B C C 0 0 1 1 4 0 0 3 1	1:50	