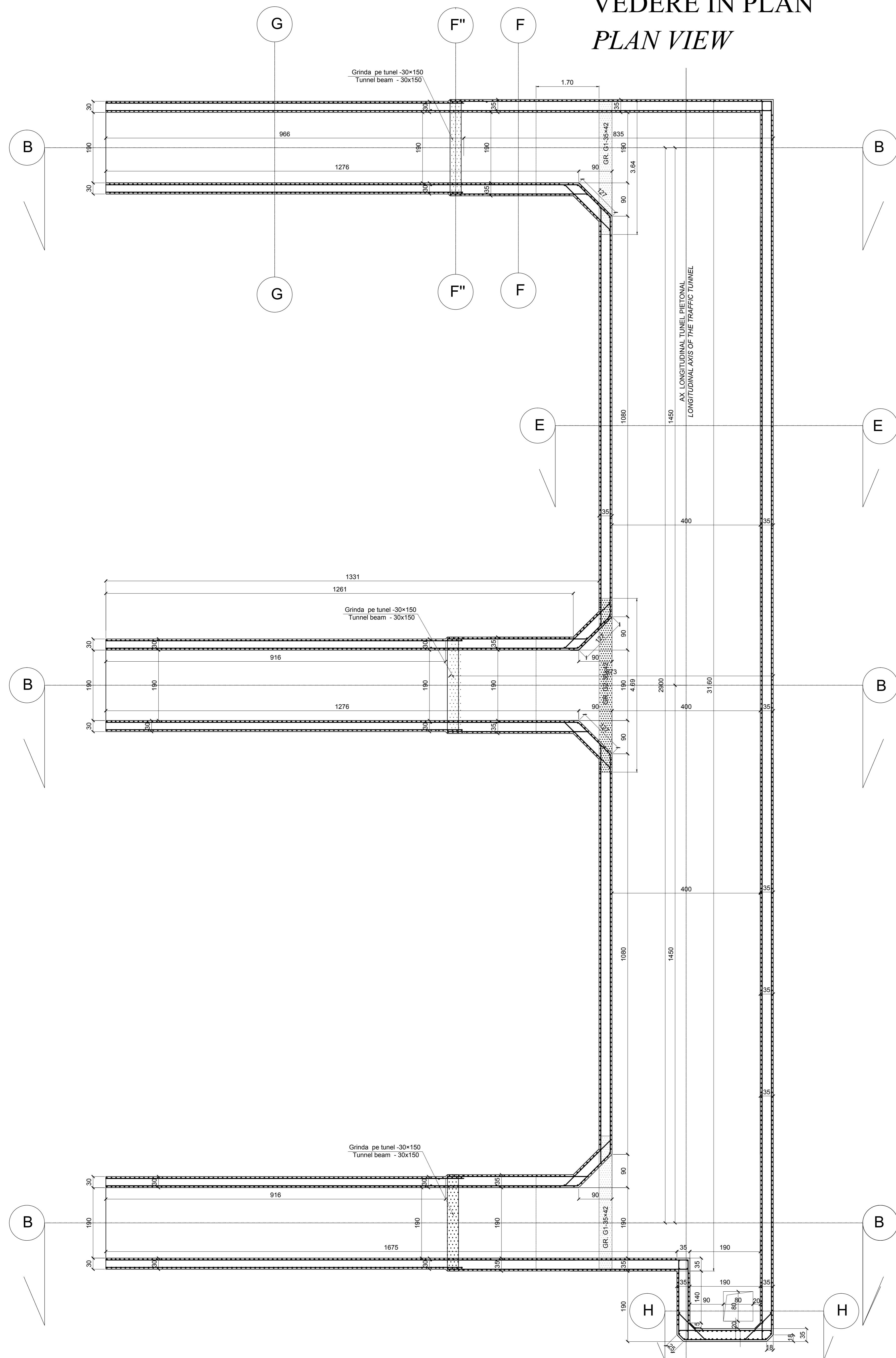


VEDERE IN PLAN PLAN VIEW



EXTRAS DE ARMARE TUNEL HALTA C.F. Mateias

| MARCĂ | Ø | Nr buc | Lung. pe diametre | LUNGIMI PE DIAMETRE | | | | | |
|---------------|----|--------|-------------------|---------------------|---------|----------|----------|---------|---------|
| | | | | 6 | 10 | 12 | 16 | 20 | |
| 1 | 20 | 82 | 5.30 | | | | | 434.60 | |
| 2 | 20 | 82 | 5.30 | | | | | 451.00 | |
| 3 | 20 | 164 | 7.70 | | | | | 1262.80 | |
| 4 | 20 | 82 | 5.30 | | | | | 451.00 | |
| 5 | 16 | 82 | 5.30 | | | | | 434.60 | |
| 6 | 16 | 132 | 4.20 | | | | | 990.00 | |
| 7 | 16 | 128 | 4.20 | | | | | 537.60 | |
| 8 | 16 | 132 | 4.00 | | | | | 528.00 | |
| 9 | 12 | 220 | 3.65 | | | 803.00 | | | |
| 10 | 12 | 145 | 3.05 | | | 442.25 | | | |
| 11 | 12 | 30 | 4.40 | | | 132.00 | | | |
| 12 | 12 | 15 | 3.80 | | | 57.00 | | | |
| 13 | 12 | 90 | 3.15 | | | 283.50 | | | |
| 14 | 12 | 15 | 3.90 | | | 58.50 | | | |
| 15 | 12 | 305 | 4.90 | | | 1494.50 | | | |
| 16 | 12 | 319 | 4.00 | | | 1276.00 | | | |
| 17 | 16 | 30 | 4.00 | | | 120.00 | | | |
| 18 | 16 | 30 | 2.90 | | | 87.00 | | | |
| 19 | 20 | 55 | 3.70 | | | 203.50 | | | |
| 20 | 16 | 50 | 3.40 | | | 170.00 | | | |
| 21 | 16 | 60 | 4.65 | | | 279.00 | | | |
| 22 | 16 | 60 | 5.35 | | | 321.00 | | | |
| 23 | 16 | 60 | 4.30 | | | 261.00 | | | |
| 24 | 10 | 160 | 2.90 | 418.00 | | | | | |
| 25 | 10 | 240 | 2.75 | 660.00 | | | | | |
| 26 | 10 | 60 | 1.20 | 72.00 | | | | | |
| 27 | 10 | 40 | 3.10 | 124.00 | | | | | |
| 28 | 12 | 423 | 3.20 | | | 1353.60 | | | |
| 29 | 12 | 453 | 3.70 | | | 1665.00 | | | |
| 30 | 12 | 290 | 3.50 | | | 1015.00 | | | |
| 31 | 12 | 290 | 2.90 | | | 841.00 | | | |
| 32 | 20 | 32 | 9.00 | | | 288.00 | | | |
| 33 | 20 | 32 | 9.80 | | | 316.80 | | | |
| 34 | 10 | 50 | 5.25 | | 341.25 | | | | |
| 35 | 10 | 50 | 6.80 | | 428.00 | | | | |
| 36 | 10 | 50 | 5.55 | | 366.75 | | | | |
| 37 | 10 | 50 | 5.55 | | 366.75 | | | | |
| 38 | 10 | 30 | 5.45 | | 218.00 | | | | |
| 39 | 10 | 30 | 4.55 | | 159.00 | | | | |
| 40 | 10 | 50 | 1.85 | | 82.50 | | | | |
| 41 | 20 | 20 | 10.80 | | | 194.00 | | | |
| 42 | 10 | 20 | 10.80 | | | 218.00 | | | |
| 43 | 10 | 20 | 3.85 | | 154.00 | | | | |
| 44 | 10 | 20 | 3.70 | | 148.00 | | | | |
| 45 | 10 | 20 | 5.10 | | 204.00 | | | | |
| 46 | 10 | 20 | 4.25 | | 170.00 | | | | |
| 47 | 20 | 18 | 9.35 | | | 168.30 | | | |
| 48 | 20 | 18 | 9.35 | | | 168.30 | | | |
| 49 | 20 | 18 | 9.90 | | | 198.00 | | | |
| 50 | 20 | 18 | 9.80 | | | 196.40 | | | |
| 51 | 20 | 18 | 10.35 | | | 210.30 | | | |
| 52 | 16 | 46 | 4.00 | | | 184.00 | | | |
| 53 | 20 | 39 | 4.10 | | | 159.90 | | | |
| 54 | 12 | 14 | 3.70 | | 51.80 | | | | |
| 55 | 12 | 14 | 4.50 | | 63.00 | | | | |
| 56 | 12 | 17 | 2.35 | | 39.95 | | | | |
| 57 | 12 | 11 | 2.75 | | 30.25 | | | | |
| 58 | 12 | 19 | 2.65 | | 50.35 | | | | |
| 59 | 12 | 11 | 3.05 | | 33.55 | | | | |
| 60 | 16 | 68 | 4.00 | | | 272.00 | | | |
| 61 | 10 | 1 | 8250.00 | | 8250.00 | | | | |
| 62 | 12 | 473 | 1.40 | | 662.20 | | | | |
| 63 | 12 | 398 | 1.20 | | 477.60 | | | | |
| 64 | 6 | 230 | 0.40 | 92.00 | | | | | |
| 65 | 6 | 885 | 0.35 | 309.75 | | | | | |
| total lungimi | | | | 401.75 | 1272.0 | 12106.35 | 10610.75 | 4354.20 | 4959.10 |
| kg / ml | | | | 0.222 | 0.616 | 0.616 | 0.888 | 1.577 | 2.465 |
| kg | | | | 89 | 784 | 7458 | 9422 | 6867 | 12249 |
| TOTAL | | | | | 873 | | 35995 | | |

Beton simplu / Plain concrete - C8/10 - P4 - T3 - IIA - 132.5 (R)
 Beton armat / Reinforcing concrete - C25/30 - PZ - T3 - IIA - 142.5 (R)
 Armături / Reinforcements - PC 52
 Armături / Reinforcements - OB 37

| D | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------------------------|--|------------|--------------------------|--------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Indice | Data | Modificari | Proiectant | Aprobat Consultant | Aprobat CFR | | | | | | | | | | | | | | | | | | | | | |
| | | Modification/Revision | Designer | Approved Consultant | Approved CFR | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GUVERNUL ROMANIEI ROMANIAN GOVERNMENT | | PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ EUROPEAN UNION FINANCED PROJECT | | C.N.C.F. "C.F.R." - S.A. | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONSULTANT / CONSULTANT | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aprobat | Responsabil proiect | R. Liuzza | | Data | Semnatura | | | | | | | | | | | | | | | | | | | | | |
| Aprobat | Project manager | 12.2011 | | | | | | | | | | | | | | | | | | | | | | | | |
| Aprobat | Coordonator Sectiune 1 | C. Gambelli | | 12.2011 | | | | | | | | | | | | | | | | | | | | | | |
| Verificat | Verificator | Giuseppe Fioravanti | | 12.2011 | | | | | | | | | | | | | | | | | | | | | | |
| Checkat | Verifier | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUBCONTRACTANT / SUBCONTRACTOR | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aprobat | Responsabil Subcontractant | A. Stanicu - Dimulescu | | 12.2011 | | | | | | | | | | | | | | | | | | | | | | |
| Aprobat | Subcontractant Responsible | 12.2011 | | | | | | | | | | | | | | | | | | | | | | | | |
| Elaborat | Designer | Catalin Alexandrescu | | 12.2011 | | | | | | | | | | | | | | | | | | | | | | |
| 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 Reabilitation of the railway line Brasov - Simeria, component Part of the IV Pan-European Coridor, for the trains circulation with maximum speed of 160 km/h. Section: Brasov - Sighisoara | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Denumire desen / Drawing Title: | | | | Project/Project | | | | | | | | | | | | | | | | | | | | | | |
| HALTA MATEIAS TUNEL PIETONAL DETALII ARMARE VEDERE IN PLAN - | | | | 2004/RO/16/P/PA/003 | | | | | | | | | | | | | | | | | | | | | | |
| MATEIAS FLAG STATION PEDESTRIAN TUNNEL REINFORCEMENT DETAILS PLAN VIEW | | | | Faza / Phase: | | | | | | | | | | | | | | | | | | | | | | |
| Codificare / Codification System | | | | P.T.H., T.T.D. | | | | | | | | | | | | | | | | | | | | | | |
| Scale / Scale | | | | D.E. / E.D. | | | | | | | | | | | | | | | | | | | | | | |
| LOT / LOT | | | | Nr. / No | | | | | | | | | | | | | | | | | | | | | | |
| 1:50 | | | | 01/01 | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr> <td>E</td><td>A</td><td>5</td><td>1</td><td>0</td><td>1</td><td>E</td><td>1</td><td>2</td><td>P</td><td>B</td><td>C</td><td>C</td><td>0</td><td>0</td><td>1</td><td>4</td><td>0</td><td>0</td><td>5</td><td>0</td> </tr> </table> | | | | | | E | A | 5 | 1 | 0 | 1 | E | 1 | 2 | P | B | C | C | 0 | 0 | 1 | 4 | 0 | 0 | 5 | 0 |
| E | A | 5 | 1 | 0 | 1 | E | 1 | 2 | P | B | C | C | 0 | 0 | 1 | 4 | 0 | 0 | 5 | 0 | | | | | | |