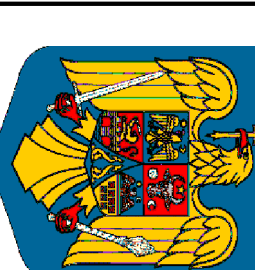





| EXTRAS DE MATERIALE / MATERIALS SHEAT |                  |                 |                          |      |   |
|---------------------------------------|------------------|-----------------|--------------------------|------|---|
| Pozitia / Position                    | Denumirea / Name | Bucăți / Pieces | Lung. (mm) / Length (mm) | kg/m | Greutate / Weight (kg/buc. / ps.) / Total |
| 1                                     | Tg 4-50x53       | 2               | -                        | -    | 0,050 0,10                                |
| 2                                     | Tg 4-46x57       | 2               | -                        | -    | 0,031 0,06                                |
| 3                                     | Tg 4 - 37 x 160  | 1               | -                        | -    | 0,119 0,12                                |
| 4                                     | Tg 4 - 13 x 30   | 2               | -                        | -    | 0,009 0,02                                |
| 5                                     | Tg 4 - 50 x 160  | 1               | -                        | -    | 0,25 0,25                                 |
| GREUTATE/WEIGHT (kg)                  |                  |                 |                          |      | 0,55                                      |
| SUDURĂ / WELDING (3%)                 |                  |                 |                          |      | 0,02                                      |
| TOTAL GREUTATE / TOTAL WEIGHT (kg)    |                  |                 |                          |      | 0,57                                      |


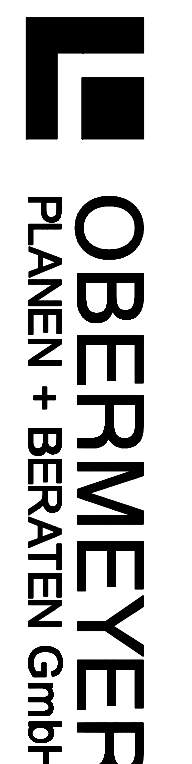
| Indice / Index | Data / Date | Modificarea / Modification/Revision | Proiectant / Designer | Approbat Consultant / Approved Consultant | Approbat CFR / Approved CFR |
|----------------|-------------|-------------------------------------|-----------------------|---|-----------------------------|
| D              |             |                                     |                       |   |                             |
| C              |             |                                     |                       |   |                             |
| B              |             |                                     |                       |   |                             |
| A              |             |                                     |                       |   |                             |


**GUVERNUL ROMÂNIEI**  
 ROMANIAN GOVERNMENT


**PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ**  
 EUROPEAN UNION FINANCED PROJECT


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


**GRUPPO FERROVIE DELLO STATO**  
 Joint Venture leader



**PLANEN + BERATEN GMBH**  
 Consulting Engineers

| CONSULTANT / CONSULTANT |  |                     |                       |
|-------------------------|--|---------------------|-----------------------|
| Approbat / Approved     | Șef proiect / Project manager                  | R. Liuzza           | Data / Date           |
| Approbat / Approved     | Coordonator Secțiune 1 / Section 1 Coordinator | C. Gambelli         | Semnătură / Signature |
| Verificat / Verified    | Verificator / Verifier                         | Giuseppe Fioravanti |                       |
| Checkat / Checked       |  |                     |                       |

| SUBCONTRACTANT / SUBCONTRACTOR |   |                        |  |
|--------------------------------|---|------------------------|--|
| Approbat / Approved            | Responsabil Subcontractant / Subcontractant Responsible | A. Stanciu - Dinulescu |  |
| Elaborat / Elaborated          | Proiectant / Designer                                   | Dorin Gavril           |  |

**Reabilitarea liniei de cale ferată Brașov - Simeria, parte componentă a coridorului IV Pan European, pentru circulația trenurilor cu viteză maximă de 160 km/h, Tronsoanel : Brașov - Sighișoara**  
 Rehabilitation of the railway line Brașov - Simeria, component Part of the IV Pan-European Corridor, for the trains circulation with maximum speed of 160 km/h,  
 Section : Brașov - Sighișoara

Denumire desen / Drawing Title : **SUPPORT ROLĂ**  
**SUPPORT ROLL**  
 ANSAMBLU ROATĂ GHIDARE/GUIDE WHEEL ASSEMBLY  
 POARTĂ GARD PROTECTIE/GATE PROTECTION FENCE

| Codificare / Codification System | Scara / Scale | LOT / LOT | Nr. / No |
|----------------------------------|---------------|-----------|----------|
| E A 5 1                          | 1 : 1         |           | 01 / 01  |
| 0 1                              |               |           |          |
| E                                |               |           |          |
| 0 0                              |               |           |          |
| B W                              |               |           |          |
| C C                              |               |           |          |
| 0 0                              |               |           |          |
| 0                                |               |           |          |
| 8                                |               |           |          |
| 0 1 7                            |               |           |          |
| 0                                |               |           |          |

1.25A3(525x297)=0,155m<sup>2</sup>