| Indice<br>Index | Data<br>Date | Modificare<br>Modification/Revision | Proiectant<br>Designer | Aprobat Consultant<br>Approved Consultant | Aprobat CFR<br>Approved CFR |
|---|---|---|---|---|---|
| D | | | | | |
| C | | | | | |
| B | | | | | |
| A | | | | | |

**GUVERNUL ROMANIEI**
**ROMANIAN GOVERNMENT**

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

**CLIENT / CLIENT**

CFR

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

ITALFERR
GRUPPO FERROVIE DELLO STATO
Joint Venture leader

Scott Wilson

OBERMEYER
PLANEN + BERATEN GmbH

TECNIC
Consulting Engineers

| **CONSULTANT / CONSULTANT** | | | Data<br>Date | Semnături<br>Signature |
|---|---|---|---|---|
| Aprobat<br>Approved | Șef proiect<br>Project manager | R. Liuzza | 12.2011 | |
| Aprobat<br>Approved | Coordonator Secțiune 1<br>Section 1 Coordinator | C. Gambelli | 12.2011 | |
| Verificat<br>Checked | Expert Cheie<br>Key Expert | P. Amodio | 12.2011 | |

**SUBCONTRACTANT / SUBCONTRACTOR**

AREX COMPANY

| | | | | |
|---|---|---|---|---|
| Aprobat<br>Approved | Responsabil Subconsultant<br>Subconsultant Responsible | A. Stanciu - Dinulescu | 12.2011 | |
| Întocmit<br>Elaborated | Proiectant<br>Designer | Angelescu Sergiu | 12.2011 | |

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

***Proiect/Project***
*2004/RO/16/P/PA/003*

**Faza / Phase:**
**D.E. / D.D.**

**Denumire desen / Drawing Title :**

**Statia / Station BOD**
**Fisele si regletele ramei B1**
**Wiring diagrams for B1 frame**

| Codificare / Codification System | Scara / Scale<br>Fără / No scale | LOT / LOT | Nr. / No<br>01 / 09 |
|---|---|---|---|

E A 5 1 | 0 1 | E | 0 5 | B X | S E | 0 0 | 5 | 2 | 0 1 9 | 0

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# RAMA B1

| | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|---|
| 9 | | | | | | |
| 8 | | | | | | |
| 7 | NF1−2000<br>X−1AD | NF1−2000<br>023−C | NF1−2000<br>XF−1AD | NF1−2000<br>033−C | NF1−2000<br>025−C | NF1−2000<br>035−C |
| 6 | NF1−2000<br>(11−15)b−Si | NF1−2000<br>17−Si | NF1−2000<br>17b−Si | NF1−2000<br>19−Si | NF1−2000<br>19b−Si | |
| 5 | NF1−2000<br>1L−C | NF1−2000<br>IIL−C | NF1−2000<br>IIIL−C | NF1−2000<br>4L−C | NF1−2000<br>5L−C | NF1−2000<br>6L−C |
| 4 | NF1−2000<br>024−C | NF1−2000<br>034−C | NF1−2000<br>2−8−Si | NF1−2000<br>4−6−Si | NF1−2000<br>10−14−Si | NF1−2000<br>(10−14)b−Si |
| 3 | NF1−2000<br>16−Si | NF1−2000<br>20−24−Si | NF1−2000<br>22−Si | NF1−2000<br>26−30−Si | NF1−2000<br>(26−30)b−Si | |
| 2 | | | | | | |
| 1 | | | | | | |

| Nr. crt. | Tip releu | buc. |
|---|---|---|
| 1 | NF1−2000 | 36 |
| 2 | | |
| 3 | | |
| 4 | | |

**Statia: BOD**

| 7 | 8 | 9 |
|---|---|---|
|  |  |  |
|  |  |  |
| NF1-2000<br>1-9-Si | NF1-2000<br>3-7-Si | NF1-2000<br>11-15-Si |
|  |  |  |
|  | NF1-2000<br>02-C | NF1-2000<br>(26-30)c-Si |
| NF1-2000<br>12-18-Si | NF1-2000<br>(12-18)b-Si | NF1-2000<br>(12-18)c-Si |
|  |  |  |
|  |  |  |
|  |  |  |

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RANDUL 7

|  | 9 |  | 8 |  | 7 |  | 6 |  | 5 |  | 4 |  | 3 |  | 2 |  | 1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| crt. | 11-15-Si | crt. | 3-7-Si | crt. | 1-9-Si | crt. | 035-C | crt. | 025-C | crt. | 033-C | crt. | XF-1AD | crt. | 023-C | crt. | X-1AD |
| 1 |  | 1 |  | 1 |  | 1 |  | 1 |  | 1 |  | 1 |  | 1 |  | 1 |  |
| 2 | 61-11 | 2 | B1-7-15 | 2 | B1-7-13 | 2 | B1-7-11 | 2 | B1-7-9 | 2 | B1-7-7 | 2 | B1-7-5 | 2 | B1-7-3 | 2 | B1-7-1 |
| 3 |  | 3 |  | 3 |  | 3 |  | 3 |  | 3 |  | 3 |  | 3 |  | 3 |  |
| 4 | B1-7-18 | 4 | B1-7-16 | 4 | B1-7-14 | 4 | B1-7-12 | 4 | B1-7-10 | 4 | B1-7-8 | 4 | B1-7-6 | 4 | B1-7-4 | 4 | B1-7-2 |
| 12 |  | 12 |  | 12 |  | 12 |  | 12 |  | 12 |  | 12 |  | 12 |  | 12 |  |
| 11 |  | 11 |  | 11 |  | 11 |  | 11 |  | 11 |  | 11 |  | 11 |  | 11 |  |
| 13 |  | 13 |  | 13 |  | 13 |  | 13 |  | 13 |  | 13 |  | 13 |  | 13 |  |
| 22 | B1-1-18 | 22 | B1-1-16 | 22 | B1-1-14 | 22 | B1-1-12 | 22 | B1-1-10 | 22 | B1-1-8 | 22 | B1-1-6 | 22 | B1-1-4 | 22 | B1-1-2 |
| 21 | B1-1-17 | 21 | B1-1-15 | 21 | B1-1-13 | 21 | B1-1-11 | 21 | B1-1-9 | 21 | B1-1-7 | 21 | B1-1-5 | 21 | B1-1-3 | 21 | B1-1-1 |
| 23 | B1-2-17 | 23 | B1-2-15 | 23 | B1-2-13 | 23 | B1-2-11 | 23 | B1-2-9 | 23 | B1-2-7 | 23 | B1-2-5 | 23 | B1-2-3 | 23 | B1-2-1 |
| 32 |  | 32 |  | 32 |  | 32 |  | 32 |  | 32 |  | 32 |  | 32 |  | 32 |  |
| 31 |  | 31 |  | 31 |  | 31 |  | 31 |  | 31 |  | 31 |  | 31 |  | 31 |  |
| 33 |  | 33 |  | 33 |  | 33 |  | 33 |  | 33 |  | 33 |  | 33 |  | 33 |  |
| 42 |  | 42 |  | 42 |  | 42 |  | 42 |  | 42 |  | 42 |  | 42 |  | 42 |  |
| 41 |  | 41 |  | 41 |  | 41 |  | 41 |  | 41 |  | 41 |  | 41 |  | 41 |  |
| 43 |  | 43 |  | 43 |  | 43 |  | 43 |  | 43 |  | 43 |  | 43 |  | 43 |  |
| 52 |  | 52 |  | 52 |  | 52 |  | 52 |  | 52 |  | 52 |  | 52 |  | 52 |  |
| 51 |  | 51 |  | 51 |  | 51 |  | 51 |  | 51 |  | 51 |  | 51 |  | 51 |  |
| 53 |  | 53 |  | 53 |  | 53 |  | 53 |  | 53 |  | 53 |  | 53 |  | 53 |  |
| 62 |  | 62 |  | 62 |  | 62 |  | 62 |  | 62 |  | 62 |  | 62 |  | 62 |  |
| 61 |  | 61 |  | 61 |  | 61 |  | 61 |  | 61 |  | 61 |  | 61 |  | 61 |  |
| 63 |  | 63 |  | 63 |  | 63 |  | 63 |  | 63 |  | 63 |  | 63 |  | 63 |  |
| 72 |  | 72 |  | 72 |  | 72 |  | 72 |  | 72 |  | 72 |  | 72 |  | 72 |  |
| 71 |  | 71 |  | 71 |  | 71 |  | 71 |  | 71 |  | 71 |  | 71 |  | 71 |  |
| 73 |  | 73 |  | 73 |  | 73 |  | 73 |  | 73 |  | 73 |  | 73 |  | 73 |  |
| 82 |  | 82 |  | 82 |  | 82 |  | 82 |  | 82 |  | 82 |  | 82 |  | 82 |  |
| 81 |  | 81 |  | 81 |  | 81 |  | 81 |  | 81 |  | 81 |  | 81 |  | 81 |  |
| 83 |  | 83 |  | 83 |  | 83 |  | 83 |  | 83 |  | 83 |  | 83 |  | 83 |  |

B1-7

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RANDUL 6

|  | 9 |  | 8 |  | 7 |  | 6 |  | 5 |  | 4 |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nr. crt. |  | Nr. crt. |  | Nr. crt. |  | Nr. crt. |  | Nr. crt. | 19b-Si | Nr. crt. | 19-Si | Nr. crt. |
| 1 |  | 1 |  | 1 |  | 1 |  | 1 |  | 1 |  | 1 |
| 2 |  | 2 |  | 2 |  | 2 |  | 2 | B1-7-27 | 2 | 5-11 | 2 |
| 3 |  | 3 |  | 3 |  | 3 |  | 3 |  | 3 |  | 3 |
| 4 |  | 4 |  | 4 |  | 4 |  | 4 | B1-7-28 | 4 | B1-7-26 | 4 |
| 12 |  | 12 |  | 12 |  | 12 |  | 12 | B1-7-25 | 12 |  | 12 |
| 11 |  | 11 |  | 11 |  | 11 |  | 11 | 4-2 | 11 |  | 11 |
| 13 |  | 13 |  | 13 |  | 13 |  | 13 |  | 13 |  | 13 |
| 22 |  | 22 |  | 22 |  | 22 |  | 22 |  | 22 | B1-1-22 | 22 |
| 21 |  | 21 |  | 21 |  | 21 |  | 21 |  | 21 | B1-1-21 | 21 |
| 23 |  | 23 |  | 23 |  | 23 |  | 23 |  | 23 | B1-2-21 | 23 |
| 32 |  | 32 |  | 32 |  | 32 |  | 32 |  | 32 |  | 32 |
| 31 |  | 31 |  | 31 |  | 31 |  | 31 |  | 31 |  | 31 |
| 33 |  | 33 |  | 33 |  | 33 |  | 33 |  | 33 |  | 33 |
| 42 |  | 42 |  | 42 |  | 42 |  | 42 |  | 42 |  | 42 |
| 41 |  | 41 |  | 41 |  | 41 |  | 41 |  | 41 |  | 41 |
| 43 |  | 43 |  | 43 |  | 43 |  | 43 |  | 43 |  | 43 |
| 52 |  | 52 |  | 52 |  | 52 |  | 52 |  | 52 |  | 52 |
| 51 |  | 51 |  | 51 |  | 51 |  | 51 |  | 51 |  | 51 |
| 53 |  | 53 |  | 53 |  | 53 |  | 53 |  | 53 |  | 53 |
| 62 |  | 62 |  | 62 |  | 62 |  | 62 |  | 62 |  | 62 |
| 61 |  | 61 |  | 61 |  | 61 |  | 61 |  | 61 |  | 61 |
| 63 |  | 63 |  | 63 |  | 63 |  | 63 |  | 63 |  | 63 |
| 72 |  | 72 |  | 72 |  | 72 |  | 72 |  | 72 |  | 72 |
| 71 |  | 71 |  | 71 |  | 71 |  | 71 |  | 71 |  | 71 |
| 73 |  | 73 |  | 73 |  | 73 |  | 73 |  | 73 |  | 73 |
| 82 |  | 82 |  | 82 |  | 82 |  | 82 |  | 82 |  | 82 |
| 81 |  | 81 |  | 81 |  | 81 |  | 81 |  | 81 |  | 81 |
| 83 |  | 83 |  | 83 |  | 83 |  | 83 |  | 83 |  | 83 |

| 3 | | 2 | | 1 |
|---|---|---|---|---|
| 17b-Si | Nr. crt. | 17-Si | Nr. crt. | (11-15)b-Si |
| | 1 | | 1 | |
| B1-7-23 | 2 | 3-11 | 2 | B1-7-19 |
| | 3 | | 3 | |
| B1-7-24 | 4 | B1-7-22 | 4 | B1-7-20 |
| B1-7-21 | 12 | | 12 | B1-7-17 |
| 2-2 | 11 | | 11 | 79-2 |
| | 13 | | 13 | |
| | 22 | B1-1-20 | 22 | |
| | 21 | B1-1-19 | 21 | |
| | 23 | B1-2-19 | 23 | |
| | 32 | | 32 | |
| | 31 | | 31 | |
| | 33 | | 33 | |
| | 42 | | 42 | |
| | 41 | | 41 | |
| | 43 | | 43 | |
| | 52 | | 52 | |
| | 51 | | 51 | |
| | 53 | | 53 | |
| | 62 | | 62 | |
| | 61 | | 61 | |
| | 63 | | 63 | |
| | 72 | | 72 | |
| | 71 | | 71 | |
| | 73 | | 73 | |
| | 82 | | 82 | |
| | 81 | | 81 | |
| | 83 | | 83 | |

B1-6

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RANDUL 5

| | 9 | | 8 | | 7 | | 6 | | 5 | | 4 | | 3 | | 2 | | 1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| crt. | (26-30)c-Si | crt. | 02-C | crt. | | crt. | 6L-C | crt. | 5L-C | crt. | 4L-C | crt. | IIIL-C | crt. | IIL-C | crt. | 1L-C |
| 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | |
| 2 | B1-8-7 | 2 | B1-8-5 | 2 | | 2 | B1-8-3 | 2 | B1-8-1 | 2 | B1-7-35 | 2 | B1-7-33 | 2 | B1-7-31 | 2 | B1-7-29 |
| 3 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | |
| 4 | B1-8-8 | 4 | B1-8-6 | 4 | | 4 | B1-8-4 | 4 | B1-8-2 | 4 | B1-7-36 | 4 | B1-7-34 | 4 | B1-7-32 | 4 | B1-7-30 |
| 12 | B1-8-33 | 12 | | 12 | | 12 | | 12 | | 12 | | 12 | | 12 | | 12 | |
| 11 | 35-12 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 13 | | 13 | | 13 | | 13 | | 13 | | 13 | | 13 | | 13 | | 13 | |
| 22 | | 22 | B1-1-36 | 22 | | 22 | B1-1-34 | 22 | B1-1-32 | 22 | B1-1-30 | 22 | B1-1-28 | 22 | B1-1-26 | 22 | B1-1-24 |
| 21 | | 21 | B1-1-35 | 21 | | 21 | B1-1-33 | 21 | B1-1-31 | 21 | B1-1-29 | 21 | B1-1-27 | 21 | B1-1-25 | 21 | B1-1-23 |
| 23 | | 23 | B1-2-35 | 23 | | 23 | B1-2-33 | 23 | B1-2-31 | 23 | B1-2-29 | 23 | B1-2-27 | 23 | B1-2-25 | 23 | B1-2-23 |
| 32 | | 32 | | 32 | | 32 | | 32 | | 32 | | 32 | | 32 | | 32 | |
| 31 | | 31 | | 31 | | 31 | | 31 | | 31 | | 31 | | 31 | | 31 | |
| 33 | | 33 | | 33 | | 33 | | 33 | | 33 | | 33 | | 33 | | 33 | |
| 42 | | 42 | | 42 | | 42 | | 42 | | 42 | | 42 | | 42 | | 42 | |
| 41 | | 41 | | 41 | | 41 | | 41 | | 41 | | 41 | | 41 | | 41 | |
| 43 | | 43 | | 43 | | 43 | | 43 | | 43 | | 43 | | 43 | | 43 | |
| 52 | | 52 | | 52 | | 52 | | 52 | | 52 | | 52 | | 52 | | 52 | |
| 51 | | 51 | | 51 | | 51 | | 51 | | 51 | | 51 | | 51 | | 51 | |
| 53 | | 53 | | 53 | | 53 | | 53 | | 53 | | 53 | | 53 | | 53 | |
| 62 | | 62 | | 62 | | 62 | | 62 | | 62 | | 62 | | 62 | | 62 | |
| 61 | | 61 | | 61 | | 61 | | 61 | | 61 | | 61 | | 61 | | 61 | |
| 63 | | 63 | | 63 | | 63 | | 63 | | 63 | | 63 | | 63 | | 63 | |
| 72 | | 72 | | 72 | | 72 | | 72 | | 72 | | 72 | | 72 | | 72 | |
| 71 | | 71 | | 71 | | 71 | | 71 | | 71 | | 71 | | 71 | | 71 | |
| 73 | | 73 | | 73 | | 73 | | 73 | | 73 | | 73 | | 73 | | 73 | |
| 82 | | 82 | | 82 | | 82 | | 82 | | 82 | | 82 | | 82 | | 82 | |
| 81 | | 81 | | 81 | | 81 | | 81 | | 81 | | 81 | | 81 | | 81 | |
| 83 | | 83 | | 83 | | 83 | | 83 | | 83 | | 83 | | 83 | | 83 | |

B1-5

**Statia: BOD**

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| | 9 | | 8 | | 7 | |
|---|---|---|---|---|---|---|
| Nr. crt. | (12-18)c-Si | crt. | (12-18)b-Si | crt. | 12-18-Si | crt. |
| 1 | | 1 | | 1 | | 1 |
| 2 | B1-8-25 | 2 | B1-8-23 | 2 | 8-11 | 2 |
| 3 | | 3 | | 3 | | 3 |
| 4 | B1-8-26 | 4 | B1-8-24 | 4 | B1-8-22 | 4 |
| 12 | B1-8-21 | 12 | 9-11 | 12 | | 12 |
| 11 | 8-12 | 11 | 7-2 | 11 | | 11 |
| 13 | | 13 | | 13 | | 13 |
| 22 | | 22 | | 22 | B1-3-11 | 22 |
| 21 | | 21 | | 21 | B1-2-12 | 21 |
| 23 | | 23 | | 23 | B1-3-12 | 23 |
| 32 | | 32 | | 32 | | 32 |
| 31 | | 31 | | 31 | | 31 |
| 33 | | 33 | | 33 | | 33 |
| 42 | | 42 | | 42 | | 42 |
| 41 | | 41 | | 41 | | 41 |
| 43 | | 43 | | 43 | | 43 |
| 52 | | 52 | | 52 | | 52 |
| 51 | | 51 | | 51 | | 51 |
| 53 | | 53 | | 53 | | 53 |
| 62 | | 62 | | 62 | | 62 |
| 61 | | 61 | | 61 | | 61 |
| 63 | | 63 | | 63 | | 63 |
| 72 | | 72 | | 72 | | 72 |
| 71 | | 71 | | 71 | | 71 |
| 73 | | 73 | | 73 | | 73 |
| 82 | | 82 | | 82 | | 82 |
| 81 | | 81 | | 81 | | 81 |
| 83 | | 83 | | 83 | | 83 |

**Statia: BOD**

RANDUL 4

| 6 | | 5 | | 4 | | 3 | | 2 | | 1 |
|---|---|---|---|---|---|---|---|---|---|---|
| (10-14)b-Si | crt. | 10-14-Si | crt. | 4-6-Si | crt. | 2-8-Si | crt. | 034-C | crt. | 024-C |
| | 1 | | 1 | | 1 | | 1 | | 1 | |
| B1-8-19 | 2 | 6-11 | 2 | B1-8-15 | 2 | B1-8-13 | 2 | B1-8-11 | 2 | B1-8-9 |
| | 3 | | 3 | | 3 | | 3 | | 3 | |
| B1-8-20 | 4 | B1-8-18 | 4 | B1-8-16 | 4 | B1-8-14 | 4 | B1-8-12 | 4 | B1-8-10 |
| B1-8-17 | 12 | | 12 | | 12 | | 12 | | 12 | |
| 5-2 | 11 | | 11 | | 11 | | 11 | | 11 | |
| | 13 | | 13 | | 13 | | 13 | | 13 | |
| | 22 | B1-3-9 | 22 | B1-3-7 | 22 | B1-3-5 | 22 | B1-3-3 | 22 | B1-3-1 |
| | 21 | B1-2-10 | 21 | B1-2-8 | 21 | B1-2-6 | 21 | B1-2-4 | 21 | B1-2-2 |
| | 23 | B1-3-10 | 23 | B1-3-8 | 23 | B1-3-6 | 23 | B1-3-4 | 23 | B1-3-2 |
| | 32 | | 32 | | 32 | | 32 | | 32 | |
| | 31 | | 31 | | 31 | | 31 | | 31 | |
| | 33 | | 33 | | 33 | | 33 | | 33 | |
| | 42 | | 42 | | 42 | | 42 | | 42 | |
| | 41 | | 41 | | 41 | | 41 | | 41 | |
| | 43 | | 43 | | 43 | | 43 | | 43 | |
| | 52 | | 52 | | 52 | | 52 | | 52 | |
| | 51 | | 51 | | 51 | | 51 | | 51 | |
| | 53 | | 53 | | 53 | | 53 | | 53 | |
| | 62 | | 62 | | 62 | | 62 | | 62 | |
| | 61 | | 61 | | 61 | | 61 | | 61 | |
| | 63 | | 63 | | 63 | | 63 | | 63 | |
| | 72 | | 72 | | 72 | | 72 | | 72 | |
| | 71 | | 71 | | 71 | | 71 | | 71 | |
| | 73 | | 73 | | 73 | | 73 | | 73 | |
| | 82 | | 82 | | 82 | | 82 | | 82 | |
| | 81 | | 81 | | 81 | | 81 | | 81 | |
| | 83 | | 83 | | 83 | | 83 | | 83 | |

B1-4

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RANDUL 3

| | 9 | | 8 | | 7 | | 6 | | 5 | | 4 | | 3 | | 2 | | 1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nr. crt. | | Nr. crt. | | Nr. crt. | | Nr. crt. | | Nr. crt. | (26-30)b-Si | Nr. crt. | 26-30-Si | Nr. crt. | 22-Si | Nr. crt. | 20-24-Si | Nr. crt. | 16-Si |
| 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | |
| 2 | | 2 | | 2 | | 2 | | 2 | B1-8-35 | 2 | 5-11 | 2 | B1-8-31 | 2 | B1-8-29 | 2 | B1-8-27 |
| 3 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | |
| 4 | | 4 | | 4 | | 4 | | 4 | B1-8-36 | 4 | B1-8-34 | 4 | B1-8-32 | 4 | B1-8-30 | 4 | B1-8-28 |
| 12 | | 12 | | 12 | | 12 | | 12 | 59-11 | 12 | | 12 | | 12 | | 12 | |
| 11 | | 11 | | 11 | | 11 | | 11 | 4-2 | 11 | | 11 | | 11 | | 11 | |
| 13 | | 13 | | 13 | | 13 | | 13 | | 13 | | 13 | | 13 | | 13 | |
| 22 | | 22 | | 22 | | 22 | | 22 | | 22 | B1-3-19 | 22 | B1-3-17 | 22 | B1-3-15 | 22 | B1-3-13 |
| 21 | | 21 | | 21 | | 21 | | 21 | | 21 | B1-2-20. | 21 | B1-2-18 | 21 | B1-2-16 | 21 | B1-2-14 |
| 23 | | 23 | | 23 | | 23 | | 23 | | 23 | B1-3-20 | 23 | B1-3-18 | 23 | B1-3-16 | 23 | B1-3-14 |
| 32 | | 32 | | 32 | | 32 | | 32 | | 32 | | 32 | | 32 | | 32 | |
| 31 | | 31 | | 31 | | 31 | | 31 | | 31 | | 31 | | 31 | | 31 | |
| 33 | | 33 | | 33 | | 33 | | 33 | | 33 | | 33 | | 33 | | 33 | |
| 42 | | 42 | | 42 | | 42 | | 42 | | 42 | | 42 | | 42 | | 42 | |
| 41 | | 41 | | 41 | | 41 | | 41 | | 41 | | 41 | | 41 | | 41 | |
| 43 | | 43 | | 43 | | 43 | | 43 | | 43 | | 43 | | 43 | | 43 | |
| 52 | | 52 | | 52 | | 52 | | 52 | | 52 | | 52 | | 52 | | 52 | |
| 51 | | 51 | | 51 | | 51 | | 51 | | 51 | | 51 | | 51 | | 51 | |
| 53 | | 53 | | 53 | | 53 | | 53 | | 53 | | 53 | | 53 | | 53 | |
| 62 | | 62 | | 62 | | 62 | | 62 | | 62 | | 62 | | 62 | | 62 | |
| 61 | | 61 | | 61 | | 61 | | 61 | | 61 | | 61 | | 61 | | 61 | |
| 63 | | 63 | | 63 | | 63 | | 63 | | 63 | | 63 | | 63 | | 63 | |
| 72 | | 72 | | 72 | | 72 | | 72 | | 72 | | 72 | | 72 | | 72 | |
| 71 | | 71 | | 71 | | 71 | | 71 | | 71 | | 71 | | 71 | | 71 | |
| 73 | | 73 | | 73 | | 73 | | 73 | | 73 | | 73 | | 73 | | 73 | |
| 82 | | 82 | | 82 | | 82 | | 82 | | 82 | | 82 | | 82 | | 82 | |
| 81 | | 81 | | 81 | | 81 | | 81 | | 81 | | 81 | | 81 | | 81 | |
| 83 | | 83 | | 83 | | 83 | | 83 | | 83 | | 83 | | 83 | | 83 | |

B1-3

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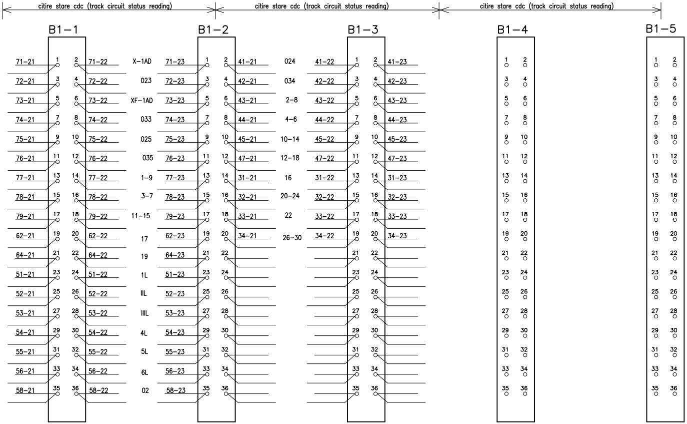
citire stare cdc (track circuit status reading)
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B1−1
B1−2
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B1−5
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71−21 72−21 73−21 74−21 75−21 76−21 77−21 78−21 79−21 62−21 64−21 51−21 52−21 53−21 54−21 55−21 56−21 58−21
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X−1AD 023 XF−1AD 033 025 035 1−9 3−7 11−15 17 19 1L IIL IIIL 4L 5L 6L 02
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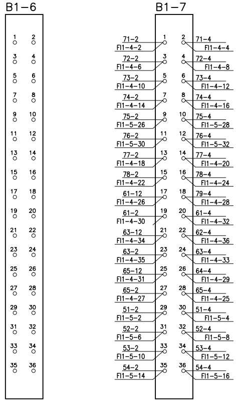
**Statia: BOD**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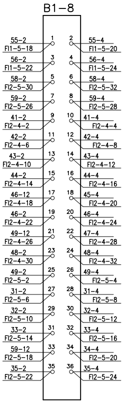
**EA51 01 E 05 HX SE 005 2 019 0 09/09**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7 59-2 FI2-5-26
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9 41-2 FI2-4-2
10 41-4 FI2-4-4
11 42-2 FI2-4-6
12 42-4 FI2-4-8
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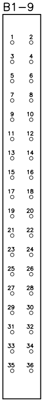
36 35-4 FI2-5-24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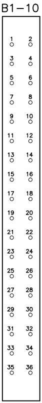
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