



**Legenda:**  
Legend:

- Separator bipolar actionat cu motor cu CLP  
Double-pole disconnector motor-operated with grounding contact
- Separator bipolar actionat manual cu CLP  
Hand-operated two-pole disconnector with grounding contact
- Intruptor bipolar  
Two-pole circuit-breaker
- Separator monopolar actionat manual cu CLP  
Hand-operated single-pole disconnector with grounding contact
- Separator monopolar actionat manual fara CLP  
Hand-operated single-pole disconnector without grounding contact
- Separator de sarcina actionat electric la 110 Vcc  
Switch on load motor-operated (110 Vdc)
- Transformator monofazat de tractiune  
Single-phase traction transformer
- Transformator monofazat de putere  
Single-phase power transformer
- Transformator de curent  
Current transformer
- Transformator de tensiune  
Voltage transformer
- Descarcator  
Surge Arrester
- Interblocaj  
Interlock
- Siguranta fuzibila  
Fuse
- Priza de pamant  
Earth system
- Cablu de energie electrica  
Power cable
- Sistem de bare bifazat  
Tho-phase bus-bar

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

**CONSULTANT / CONSULTANT**

| Faza Phase          | Positia Position                   | Nume Name        | Data Date | Semnatura Signature |
|---------------------|------------------------------------|------------------|-----------|---------------------|
| Aprobat Approved    | Manager de Proiect Project Manager | Sergio MENICHINI | 05.2020   |                     |
| Verificat Checked   | Expert Cheie Key Expert            | Cristina Spack   | 05.2020   |                     |
| Întocmit Elaborated | Proiectant Designer                | Mihaela Jigau    | 05.2020   |                     |

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| Aprobat Approved    | Responsabil Subconsultant Subconsultant Responsible |  |  |  |
| Întocmit Elaborated | Proiectant Designer                                 |  |  |  |

**Studiu de Fezabilitate pentru Reabilitarea liniei feroviare Craiova - Drobeta Turnu Severin - Caransebes, parte a Coridorului Orient/Est Mediteranean - Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes**

Proiect/Project 74 / 2018  
Faza/Phase S.F.

**Denumire / Title :**      Substația de tracțiune VALEA ALBA/ VALEA ALBA traction substation  
Schema electrică monofilară  
Electrical diagram

**Codificare / Codification System**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| E | 2 | 1 | 8 | I | S | F | 6 | 7 | D | X | E | G | 2 | 0 | 0 | 0 | 4 | 0 |
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**Istoricul reviziilor / Revision History**

| Rev. | Data/Date | Descriere Modificare / Modification description |
|------|-----------|-------------------------------------------------|
| 1    |           |                                                 |
| 2    |           |                                                 |
| 3    |           |                                                 |
| 4    |           |                                                 |

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