



la si de la  
instalatiia interioara de  
incalzire  
to and from installation  
of internal heating

**LEGENDA**

- Conducta din otel, agent termic tur.
- - - Conducta din otel, agent termic retur.
- CZ** Cazan electric pentru incalzire, echipat cu regulator electronic in 7 trepte (15,30,45,60,75,90,105), pentru setarea temperaturii intre 30 si 80°C, puterea termica maxima 105 KW, alimentare trifazata.
- P** Pompa circulatie agent termic apa calda 80/60°C, pentru instalatia de incalzire, debit : 4,0 mc/h, inaltime de pompare : 3,2 mCA la turatie medie, putere electrica : 300 W, alimentare monofazata.
- VEI** Vas expansiune inchis cu membrana, 100 litri, 6 bar.
- CS** Ciapeta de sens.
- SS** Supapa de siguranta.
- STE** Sonda de temperatura exterioara.

**LEGEND**

- Steel pipe for heat carrier supply
- - - Steel pipe for heat carrier return
- CZ** Electric heating boiler, 7 stage (15,30,45,60,75,90,105) electronic programmable for a temperature range between 30 and 80°C, maximum thermal output 105 KW, three-phased supply.
- P** Hot water heat carrier circulation pump 80/60°C for heating installation, flow rate: 4,0 m3/h, delivery lift: 3,2 mCA at medium speed, electrical power: 300 W, single-phased supply.
- VEI** Diaphragm expansion vessel, 100 l, 6 bars.
- CS** Direction valve.
- SS** Safety valve.
- STE** Outdoor temperature sensor.

D					
C					
B					
A					
Indice Index	Data Date	Modificari Modification/Revision	Proiectant Designer	Aprobat Consultant Approved Consultant	Aprobat CFR Approved CFR

**GUVERNUL ROMANIEI**  
 ROMANIAN GOVERNMENT
 
**PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ**  
 EUROPEAN UNION FINANCED PROJECT

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

**CLIENT / CLIENT**

**CONSULTANT / CONSULTANT**

Aprobat Approved	Șef proiect Project manager	Data Date	Semnătură Signature
Aprobat Approved	Coordonator Secțiune 1 Section 1 Coordinator	DEC. 2011	
Verificat Checked	Expert Verificator Checking Expert	DEC. 2011	

**SUBCONTRACTANT / SUBCONTRACTOR**

Aprobat Approved	Responsabil Subcontractant Subcontractant Responsible	Data Date	Semnătură Signature
Intocmit Elaborated	Proiectant Designer	DEC. 2011	

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

**Proiect/Project**  
 2004/RO16/P/PA/003  
**Faza / Phase:**  
 D.E. / E.D.

**Denumire desen / Drawing Title :**  
 SCHEMA TERMOMECHANICA CENTRALA TERMICA - STAȚIA ARCHITA.  
 ARCHITA STATION - THERMOMECHANICAL SCHEDULE OF CENTRAL HEATING STATION.

Codificare / Codification System	Scara / Scale	LOT / LOT	Nr. / No 01 / 01
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