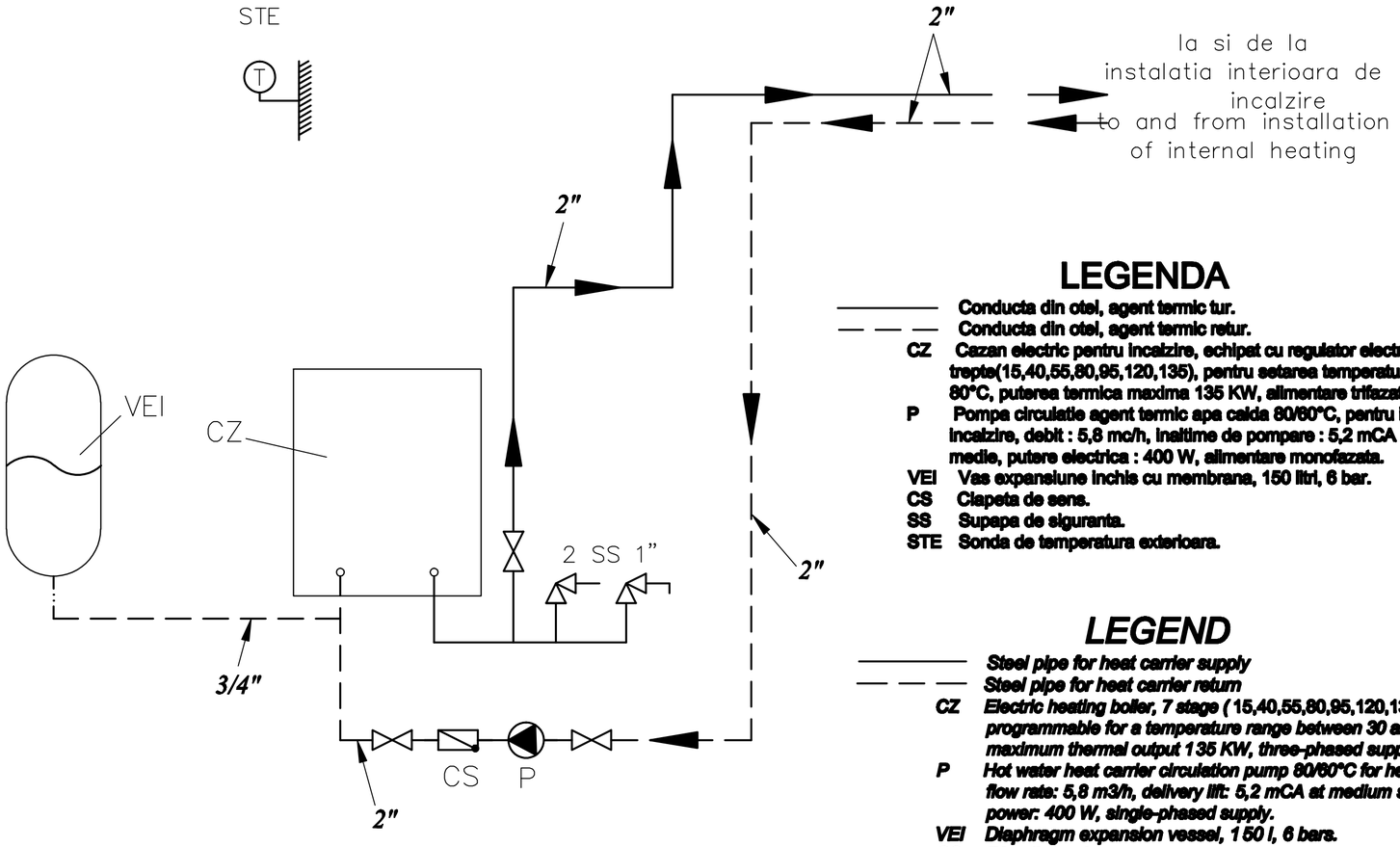

LEGENDA

Conducta din otel, agent termic tur.
Conducta din otel, agent termic retur.

CZ Cazan electric pentru incalzire, echipat cu regulator electronic in 7 trepte(15,40,55,80,95,120,135), pentru setarea temperaturii intre 30 si 80°C, puterea termica maxima 135 KW, alimentare trifazata.

P Pompa circulatie agent termic apa calda 80/60°C, pentru instalatia de incalzire, debit : 5,8 mc/h, inaltime de pompare : 5,2 mCA la turatie medie, putere electrica : 400 W, alimentare monofazata.

VEI Vas expansiune inchis cu membrana, 150 litri, 6 bar.

CS Clapeta 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 (15,40,55,80,95,120,135) electronic programmable for a temperature range between 30 and 80°C, maximum thermal output 135 KW, three-phased supply.*

P *Hot water heat carrier circulation pump 80/60°C for heating installation, flow rate: 5,8 m3/h, delivery lift: 5,2 mCA at medium speed, electrical power: 400 W, single-phased supply.*

VEI *Diaphragm expansion vessel, 150 l, 6 bars.*

CS *Direction valve.*

SS *Safety valve.*

STE *Outdoor temperature sensor.*

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

GUVERNUL ROMANIEI
ROMANIAN GOVERNMENT

PROIECT FINANŢAT DE UNIUNEA EUROPEANĂ
EUROPEAN UNION FINANCED PROJECT

CLIENT / CLIENT

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 Date	Semnătură Signature
Aprobat Approved	Şef proiect Project manager		DEC. 2011	
Aprobat Approved	Coordonator Secţiune 1 Section 1 Coordinator	C. Gambelli	DEC. 2011	
Verificat Checked	Expert Verificator Checking Expert	G. Fioravanti	DEC. 2011	

SUBCONTRACTANT / SUBCONTRACTOR

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible	A.Stanciu - Dinulescu	DEC. 2011	
Întocmit Elaborated	Proiectant Designer	Dumitru Nicolae	DEC. 2011	

Reabilitarea liniei de cale ferata Braşov - Simeria, parte componentă a coridorului IV Pan European, pentru circulaţia trenurilor cu viteza maximă de 160 km/h,
Tronsonul : 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/RO/16/P/PA/003

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

Denumire desen / Drawing Title :

SCHEMA TERMOMECANICA CENTRALA TERMICA - STAŢIA RACOS.
RACOS STATION - THERMOMECHANICAL SCHEDULE OF CENTRAL HEATING STATION.

Codificare / Codification System	Scara / Scale	LOT / LOT	Nr. / No
E A 5 1 0 1 E 1 1 B X I V 0 0 5 1 0 5 0 0	-		01 / 01

1 1/2 A3(297x630mm)