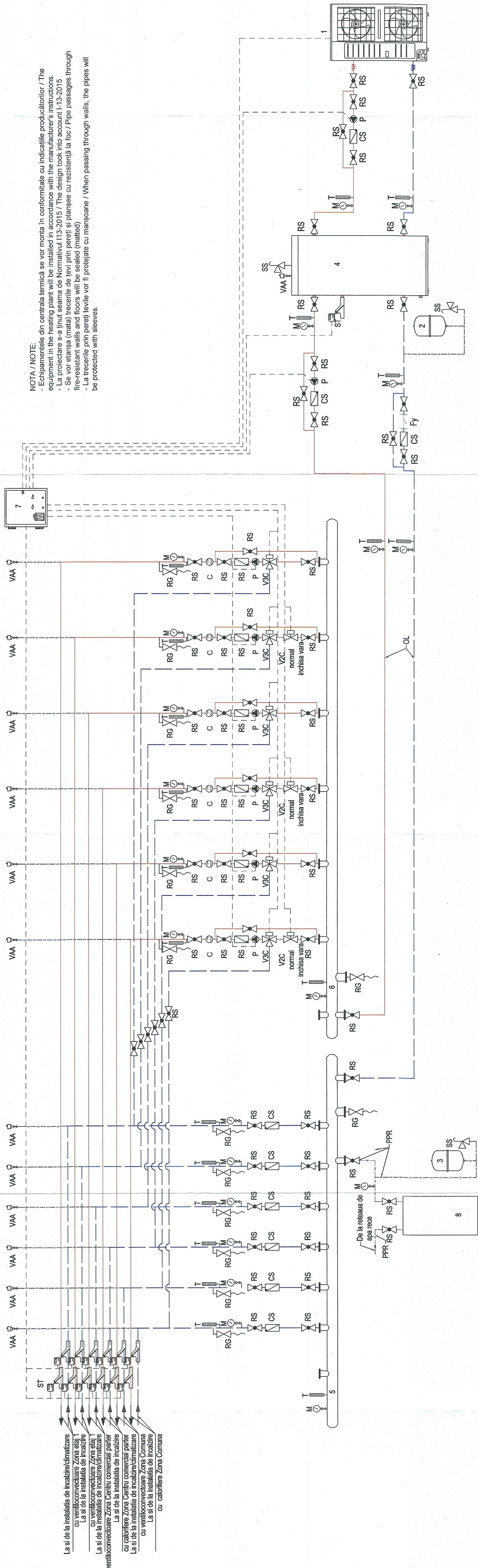


LEGENDA / LEGEND:

- 1 -Pompa de caldura aer-apa monobloc incalzire 7A/55W Qi=64 kW (-12A/55W Qi=37 kW), racire 35A/7W Qi=57 kW, echipata cu kit hidrolic / Air-water heat pump unit heating 7A/55W Qi=64 kW (-12A/55W Qi=37 kW), cooling 35A/7W Qi=57 kW, equipped with hydraulic kit
- 2 - Vas de expansiune inchis incalzire / Closed heating expansion vessel
- 3 - Vas de expansiune inchis sanitar / Closed sanitary expansion vessel
- 4 - Vas de acumulare apa calda izolat V=500 litri cu rezistenta electrica / Insulated hot water storage tank V=500 liters with electric resistance
- 5 - Distribuitor 6 circuite + 1 de rezerva / Distributor 6 circuits + 1 reserve
- 6 - Colector 6 circuite + 1 de rezerva / Collector 6 circuits + reserve
- 7 - Tablou automatizare / Automation panel
- 8 - Statie de dedurizare / Softening station
- SS - Supapa de siguranta cu arc / Safety valve with spring
- P - Pompa circulatie agent termic cu turatie variabila / Heating agent circulation pump with variable speed
- V3C - Vana electromagnetica cu trei cai automatizata / Automated three-way electromagnetic valve
- RG - Vana electromagnetica cu doua cai automatizata / Automated two-way electromagnetic valve
- RS - Robinet de golire cu porturi / Drain valve with ports
- RA - Robinet de amestec, pn 6 bar / Mixing valve, up to 6 bar
- CS - Clapeta de sens cu ventili, pn 6 bar / Check valve with valve, up to 6 bar
- T - Termometru / Thermometer
- M - Manometru / Manometer
- ST - Senzor de temperatura / Temperature sensor
- Fy - Ventil de aerisire / Ventilation valve
- C - Contor de energie termica mecanic / Mechanical thermal energy meter
- Conducta agent termic apa calda tur / Hot water inlet pipe
- Conducta agent termic apa calda retur / Hot water outlet pipe
- Conducta apa rece / Cold water pipe
- Conducta expansiune / Expansion pipe
- Automatizare / Automation

NOTA / NOTE:

- Echipamentele din centrala termica se vor monta in conformitate cu indicatiile producatorilor / The equipment in the heating plant will be installed in accordance with the manufacturer's instructions.
- La proiectare s-a tinut seama de Normativul I13-2015 / The design took into account I-13-2015
- Se vor etansa (mata) trecele de tevi prin pereti si plansee cu rezistentă la foc / Pipe passages through fire-resistant walls and floors will be sealed (matted)
- La trecele prin pereti levile vor fi protejate cu mansoane / When passing through walls, the pipes will be protected with sleeves.





COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.
ROMANIAN NATIONAL RAILWAY COMPANY

ENTITATE CONTRACTANTĂ
BENEFICIAR

CONTRACTANT/CONTRACTOR
ASSOCIATED
BACON CONSULTING S.R.L.
13 P. A. F. S. A.
ROMANIA

DENUMIRE
INVESTIȚIE/
INVESTMENT
NAME

STUDIU DE FEZABILITATE PENTRU ELECTRIFICAREA ȘI REABILITAREA LINIEI DE CĂLE FERATE CONSTANȚA - MANGALIA
Feasibility Study for Electrification and Rehabilitation of the Constanța - Mangalia Railway Line

SECTIUNĂ/
SECTION

STATION / STATION EFORIE SUD

SPECIALITATE/
SPECIALITY

INSTALAȚII TERMOVENTILATII /
THERMOVENTILATION INSTALLATIONS

OBIECT/
OBJECT

CLĂDIRE CĂLĂTORI / TRAIN STATION BUILDING

DENUMIRE PLAN/
NAME PLAN

SCHEMA FUNCȚIONALĂ A INSTALAȚIEI DE ÎNCĂLZIRE ȘI CLIMATIZARE /
FUNCTIONAL DIAGRAM OF HEATING AND AIR CONDITIONING INSTALLATION

PROIECTANT
DESIGNER

ING. VIAD PETEAN

VERIFICAT
CHECKED

ING. SERIA TU

AVIZAT
APPROVED

ING. MARIAN BACU

DATA/DATE:
09.2023

SCALA/SCALE:
%

COD PLAN
PLAN CODE

C01102

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