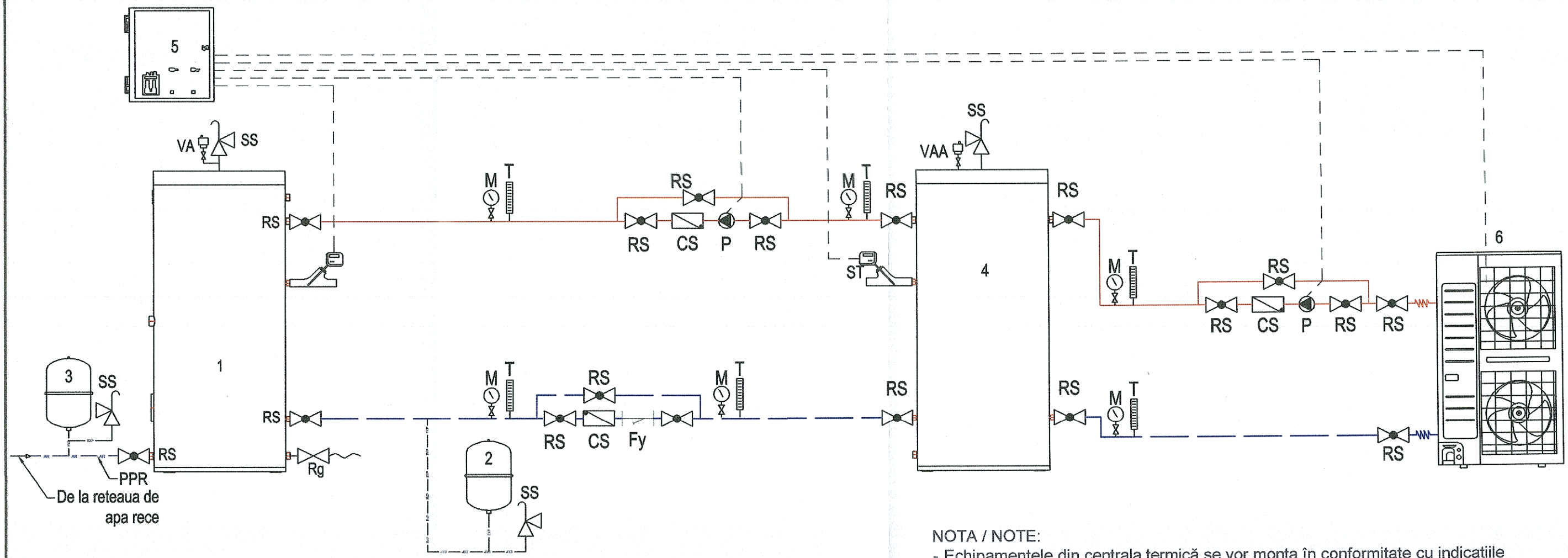

LEGENDA / LEGEND:

1 - Boiler cu o sepentina si cu rezistenta electrica / Boiler with one coils and electric resistance
2 - Vas de expansiune inchis incalzire / Closed heating expantion vessel
3 - Vas de expansiune inchis sanitar / Closed sanitary expantion vessel
4 - Vas de acumulare apa calda izolat V=300 litri cu rezistenta electrica / Insulated hot water storage tank V=300 liters with electric resistance
5 - Tablou automatizare / Automation pannel
6 - Pompa de caldura aer-apa monobloc 7A/55W Qi=18 kW, (-12A/55W Qi=12.7 kW) echipata cu kit hidraulic / Air-water heat pump 7A/55W Qi=18 kW, (-12A/55W Qi=12.7 kW), equipped with hydraulic kit
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
RG - Robinet de golire cu portfurtun / Drain valve with porta turbus
RS - Robinet cu opturator sferic, pn 6 bar / Ball valve, up to 6 bar
RA - Robinet de amestec, pn 6 ba / Mixing valve, up to 6 bar
CS - Clapeta de sens cu ventil, pn 6 bar / Check valve with valve, up to 6 bar
T- Termometru / Thermometer
M- Manometru / Manometer
ST- Senzor de temperatura / Temperature sensor
VA - Ventil de aerisre / Ventilation valve
Fy - Filtru cu sita din inox / Filter with stainless steel
- 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 termică se vor monta în conformitate cu indicațiile producătorilor / The equipment in the heating plant will be installed in accordance with the manufacturer's instructions.
- La proiectare s-a ținut seama de Normativul I13-2015 / The design took into account I-13-2015 Normative
- Se vor etanșa (mata) trecerile de țevi prin pereți și planșee cu rezistență la foc / Pipe passages through fire-resistant walls and floors will be sealed (matted)
- La trecerile prin pereți tevile vor fi protejate cu manșoane / When passing through walls, the pipes will be protected with sleeves.

ENTITATE CONTRACTANTA BENEFICIARY	COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A. ROMANIAN NATIONAL RAILWAY COMPANY									
CONTRACTANT/CONTRACTOR ASOCIEREA/JV: BAICONS IMPEX S.R.L. J40/9877/2001; I.S.P.C.F. S.A. J40/240/1992			DENUMIRE INVESTIȚIE/ INVESTMENT NAME	"Studiu de Fezabilitate pentru Electrificarea și Reabilitarea liniei de cale ferată Constanța - Mangalia" "Feasibility Study for Electrification and Rehabilitation of the Constanta - Mangalia Railway Line"						
			SECTIUNE/ SECTION	STAȚIA / STATION MANGALIA						
	NUME/NAME	SEMNĂTURA/ SIGNATURE	SPECIALITATE/ SPECIALITY	INSTALAȚII TERMOVENTILAȚII / THERMOVENTILATION INSTALLATIONS						
PROIECTAT/ DESIGNED	ing. Vlad PETEAN		OBIECT/ OBJECT	CLĂDIRE ADMINISTRATIVĂ / ADMINISTRATIVE BUILDING						
VERIFICAT/ VERIFIED	ing. Sonia TIU		DENUMIRE PLAN/ NAME PLAN	SCHEMĂ PREPARARE APĂ CALDĂ MENAJERĂ / GROUNDFLOOR DOMESTI WATER HEATING SCHEME						
AVIZAT/ ADVICED	ing. Marin BAICU									
DATĂ/DATE: 09.2023	SCARĂ/SCALE: %		COD PLAN/ PLAN CODE:	SF	6	SF	23	It	C02	101	R4