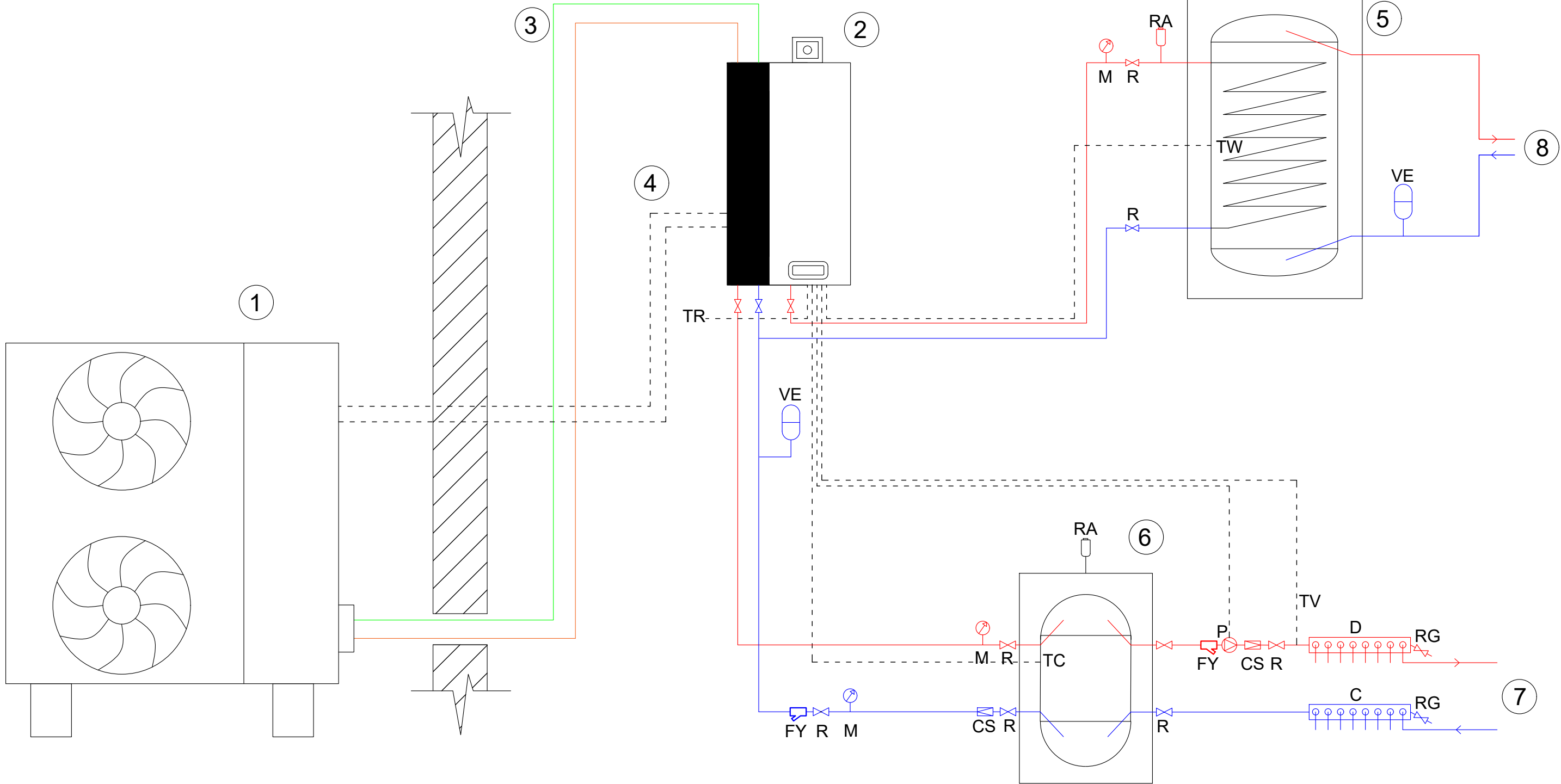




LEGENDA/LEGEND

- 1 Unitate externa HPS / External HPS unity  
2 Unitate interna HPS / Internal HPS unity  
3 Tevi cupru conectare unitate exterioara - unitate interioara / Copper pipes connecting outdoor unit - indoor unit  
4 Cabluri electrice alimentare si comunicare / Electric power and communication cables  
5 Boiler  
6 Puffer / Buffer  
7 Tur/retur instalatie incalzire / To and from heating installation  
8 Tur/retur apa calda de consum / To and from domestic hot water  
VE Vas de expansiune / Expansion tank  
CS Clapeta de sens / Check valve  
RG Robinet de golire / Drain valve

- RA Robinet de aerisire / Vent valve  
R Robinet de inchidere/sectorizare / Shut-off/Sectoring valve  
FY Filtru Y / Y filter  
M Manometru / Manometer  
TC Senzor citire temperatura apa puffer / Buffer water temperature reading sensor  
TW Senzor citire temperatura apa boiler / Boiler water temperature reading sensor  
TR Senzor temperatura ambient / Room temperature sensor  
TV Senzor citire temperatura instalatie incalzire / Heating system temperature reading



ENTITATE CONTRACTANTA  
CONTRACTING ENTITY

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



CONTRACTANT  
CONTRACTOR

Asocierea S.C. ISPCF S.A. - S.C. BAICONS IMPEX SRL

|                       | Nume<br>Name          | Data<br>Date | Semnatura<br>Signature |
|-----------------------|-----------------------|--------------|------------------------|
| Aprobat<br>Approved   | ing. Viorel GORGONETU | 11.2024      |                        |
| Verificat<br>Checked  | ing. Crina GHEORGHE   | 11.2024      |                        |
| Proiectat<br>Designed | ing. Marius NIȚĂ      | 11.2024      |                        |

"Modernizarea liniilor și instalațiilor din  
Complexul Feroviar București"  
Studiu de fezabilitate

"Modernization lines and installations in the  
Bucharest Railway Complex  
Feasibility Study

Proiect / Project  
38 / 2022

Faza / Phase  
S.F.  
F.S.

Denumire / Title Schema functionala a sistemului de incalzire/racire cu  
pompa de caldura - Statia C.F. Grivita - Cladire Politie (fosta CED)  
Functional scheme of the heating/cooling system with  
heat pump - Grivita Station - Police Building (former CED building)

Scara / Scale

-

Codificare / Codification System

COBU SF ITV DTH 35 04 001 R00

Istoricul reviziilor / Revision History

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