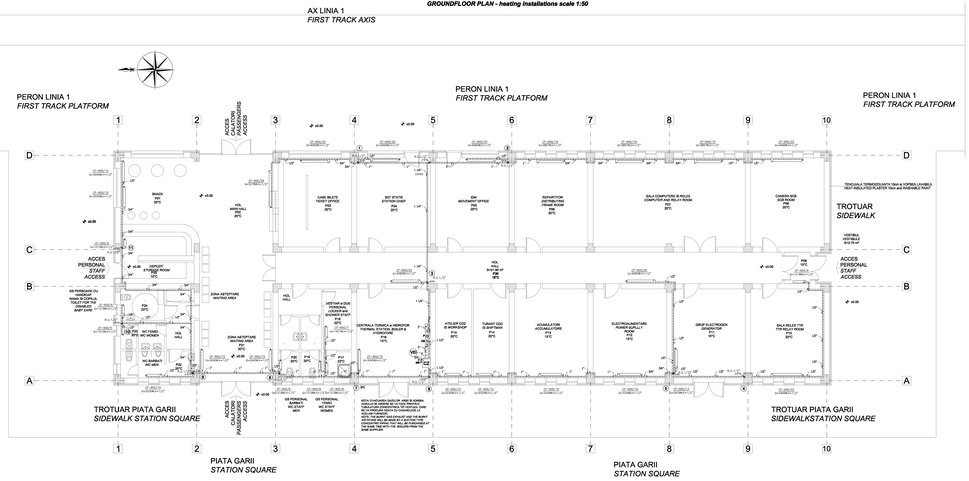
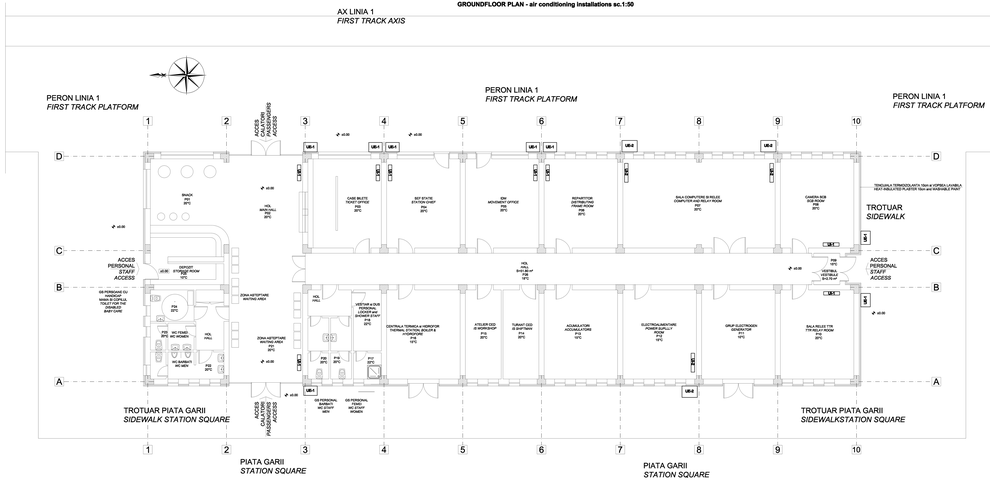
PLAN PARTER - instalatii de incalzire sc. 1:50
GROUNDFLOOR PLAN - heating installations scale 1:50



PLAN PARTER - instalatii de climatizare sc. 1:50
GROUNDFLOOR PLAN - air conditioning installations sc.1:50



LEGENDA

- Conducta din sist. agent termo tur
- Conducta din sist. agent termo retur
- CZ Centrala termica cu condensare cu arzator modulant cu regulator electronic in 7 trepte (13,30,40,60,75,90,100), pentru setarea temperaturii intre 30 si 80°C, pulsare termica maxima 100 kW, alimentare intrerupta.
- P Pompa circulatie agent termo sarja cabla 90/80°C, pentru instalatia de incalzire, debit - 4,0 mc/h, inaltime de ridicare - 6,0 mCA, putere electrica absorbita 1,0 kW, 230 V, alimentare monofazata.
- VD Vas expansiune inchis cu membrana, 100 litri, 8 bar
- CF-HRV, S1 Radiatoare din aluminiu cu mas de oteel(metal), tipul elementului-inaltimea/nr. de elemente.
- CD Conducta de gaze
- CD Clapeta de gaze
- SS Supape de siguranta
- ZC Zona de control climatizare exterioare
- U1-LB1 Sistem SPLIT Groundcondensa = 3,75/3,52 KW
- U2-LB2 Sistem SPLIT Groundcondensa = 6,0/4,39 KW
- SPC - Sonda temperatura exterioara
- SPC - Termostat/sonda interioara de camut
- C1-2 - Coloane incalzire

LEGEND

- *Steel pipe for heat carrier supply*
- *Steel pipe for heat carrier return*
- CZ *Electric heating boiler, 7 stage (13,30,40,60,75,90,100) electronic programmable for a temperature range between 30 and 80°C, maximum thermal output 100 KW, three-phased supply.*
- P *Circulation pump heat carrier 90/80°C, for heating installation, flow rate: 4,0 m3/h, delivery 60, 0,2 mCA at medium speed, electrical power: 200 W, single-phased supply.*
- VD *Diaphragm expansion vessel, 100 l, 8 bar*
- CF-HRV, S1 *Aluminium radiators with steel core (bimetallic), element type /heightno. of elements.*
- CD *Discharge cover*
- CS *Direction valve*
- SS *Safety valve*
- STE *Outdoor temperature sensor*
- U1-LB1 SPLIT system Groundcondensa = 3,75/3,52 KW
- U2-LB2 SPLIT system Groundcondensa = 6,0/4,39 KW
- ZC - *Room thermostat/temperature sensor*
- SPC - *Indoor ambulator temperature*
- C1-2 - *heating columns*

NOTĂ:

1. Condensul rezultat de la unitățile interioare ale aparatelor de climatizare se va preluca, prin intermediul unei conducte din PVC Ø20mm, la partea/aceasta hrăbuyet și apoi va fi dirijat către exterior.
2. Înălțimea de montaj a unităților exterioare ale aparatelor de climatizare va fi deasupra celei superioare a ferestrelor.

NOTE:

1. *The condensed water resulted from the indoor unit of the air conditioners will be taken over by a PVC Ø20mm pipe to the room floor and then directed outside.*
2. *The mounting height of the outdoor units of the air conditioners will be above the window upper level.*

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DIRECTOR PROIECT	Ing. Ciprian Ciuchea		
SEF PROIECT	Ing. Ciprian Ciuchea		
SEF SPECIALITATE	Ing. Ciprian Ciuchea		
DIRECTOR DIRECTIE	Ing. Ciprian Ciuchea		
DIRECTOR GENERAL	Ing. Ciprian Ciuchea		

SUBCONTRACTANT / SUBCONTRACTOR			
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Proiectant / Designer	Obermeyer Hannover	DEC. 2011	
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