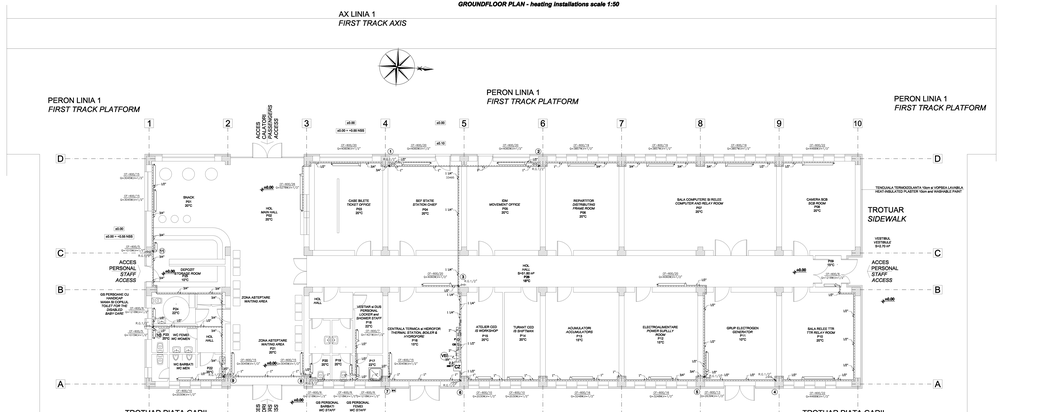
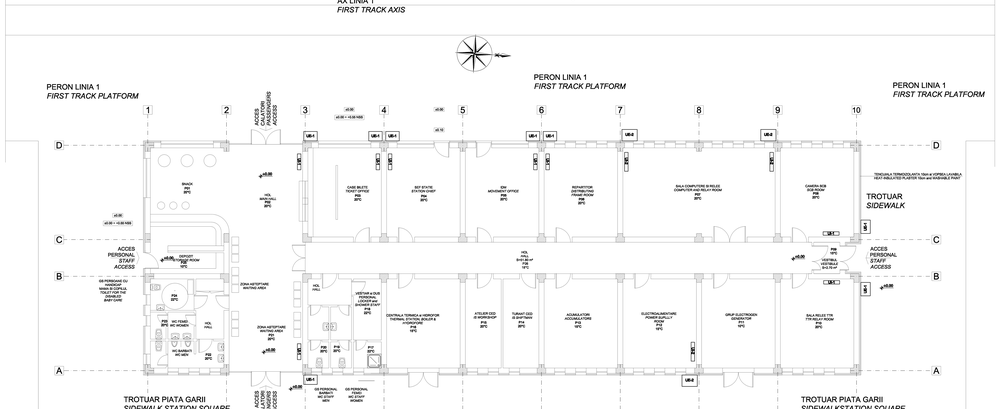
PLAN PARTER - Instalatii de incalzire sc. 1:50
GROUNDFLOOR PLAN - heating installations scale 1:50



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



LEGENDA

	Conducta din otel, agent termic tur
	Conducta din otel, agent termic retur
CZ	Cazan electric pentru incalzire, echipat cu regulator electronic in 7 treapte(13,20,40,60,75,90,100), pentru externe
	Electric heating boiler, 7 stages(13,20,40,60,75,90,100)electronic programmable for a temperature range between
P	Pompa circulatie agent termic apa calda SOBAT2, pentru instalatia de incalzire, debit: 4,0 mc/h, inaltime de
	Pump circulate agent termic apa calda SOBAT2, pentru instalatia de incalzire, debit: 4,0 mc/h, inaltime de
VE	Vas de expansie inchis cu membrana, 100 litri, 6 bar
CP-HN	Dn - Radiator din aluminiu cu niplu de etanseitate(), tipul elementului-inaltimea/nr. de elemente
PG	Robinet de gaze
DS	Disuntor de sigurantare
EB	Electrobarometru
STE	Sonda de temperatura exterioara
UI-LED	Sistem SPLIT Climatizare/aer - 3,75/3,52 kW
UI-LED	Sistem SPLIT Climatizare/aer - 2,55/2,55 kW
TG1	- Intaparere IP cablu carter
SFC	- Temperatura interioara de calcul
T.C.Z.	- Cotele sunt de axe
	LEGEND
	Steel pipe for heat carrier supply
	Steel pipe for heat carrier return
CZ	*Electric heating boiler, 7 stages(13,20,40,60,75,90,100)electronic programmable for a temperature range between*
P	*Circulation pump for heating installation, flow rate: 4,0 m3/h, pump head: 30 m, electrical power: 0,75 kW, for*
	Hot water heat carrier circulation pump SOBAT2 for heating installation, flow rate: 4,0 m3/h, pump head: 30 m, medium speed, electrical power: 300 W, single-phased supply.
VE	*Closed expansion vessel, 100 liters, 6 bar*
CP-HN	*Dn - Aluminum radiators with desk core (formaldehyd), element type -height/no. of elements.*
PG	*Discharge cock.*
DS	*Disconnector fuse.*
EB	*Safety valve.*
STE	*Outdoor temperature sensor*
UI-LED	*SPLIT system Climatizare/aer - 3,75/3,52 kW*
UI-LED	*SPLIT system Climatizare/aer - 2,55/2,55 kW*
TG1	*- Insert IP groundfloor plan*
SFC	*- Indoor design temperature*
T.C.Z.	*- Heating sidewalks*

NOTĂ:

1. Condensul rezultat de la unităţile interioare ale aparatelor de climatizare se va preluca, prin intermediul unui conducta din PVC Ø20mm, la parcheazele hrăduerii şi apoi va fi dirijat către exterior.
2. Traţinea de montă a unităţilor exterioare ale aparatelor de climatizare va fi deasupra celei superioare a ferestelor.

NOTE:

1. *The condensed 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.*

Rev.	Data	Semnatura
0		
1		
2		
3		
4		
5		

Rev.	Nr. Doc.	Modificat	Verificat	Semnat Verificator	Semnat DIR
0	1	Ciobanu Nicolae	Ciobanu Nicolae	Ciobanu Nicolae	Ciobanu Nicolae

BEneficiar / Investitor: CNCF "CFR" - S.A.
Adresa Investitiei: Str. Gheorghe Lazar, Sibiu, Sibiu, Sibiu

BUCUREŞTI FILIALA CFR MARFĂ
CLIENT / CLIENT

CNCF "CFR" - S.A.

OBERMEYER
BAUTZEN GMBH

TECNIC
Consulting Engineering

Functia	Nume	Semnatura	Data
Director Proiect / Project Director	A. Ciocoiu		DEC. 2011
Verificator / Checker	C. Ciobanu		DEC. 2011
Coordonator Proiectare / Design Coordinator	Cristian Pricopenl		DEC. 2011
Proiectant / Designer	Ciobanu Nicolae		DEC. 2011

SUBCONTRACTANT / SUBCONTRACTOR

Functia	Nume	Semnatura	Data
Director Proiect / Project Director	A. Ciocoiu		DEC. 2011
Verificator / Checker	C. Ciobanu		DEC. 2011
Coordonator Proiectare / Design Coordinator	Cornelia Nicolae		DEC. 2011
Proiectant / Designer	Ciobanu Nicolae		DEC. 2011

Proiectant / Designer: Institutul de Cercetari Proiectare si Studii de Piata S.A. Bucuresti
Pe Pod Europa, pana la cota Bucuresti Triaj, pe o lungime de 5,8 km
Transportul / Transport / Bucuresti - Bucuresti - Triaj
Reabilitarea si modernizarea liniei de cale ferata Bucuresti Triaj - Giurgiu Nord, pe sectorul de la Pe Pod Europa, pana la cota Bucuresti - Triaj
Centrul de Pe Pod Europa - Bucuresti - Triaj
Bucuresti - Bucuresti - Triaj

Proiect / Project: P79_T1_T2

Denumire desen / Drawing Title:
STATION PLAN - CATA - PRELIMINARY STATION DATA
CLADIRE GARA - STATIE - PLAN PARTER - PRELIMINARY STATION DATA
PLAN - INSTALATII DE INCALZIRE, VENTILARE, CONDITIONARE AER, PRELIMINARY STATION DATA
PLAN - INSTALATII DE INCALZIRE, VENTILARE, CONDITIONARE AER, PRELIMINARY STATION DATA

Coordonate / Coordinates System: Stereo 1970

Scara / Scale	Data / Date	Ref.	Nr. Pl.
1:50	DEC. 2011		1

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