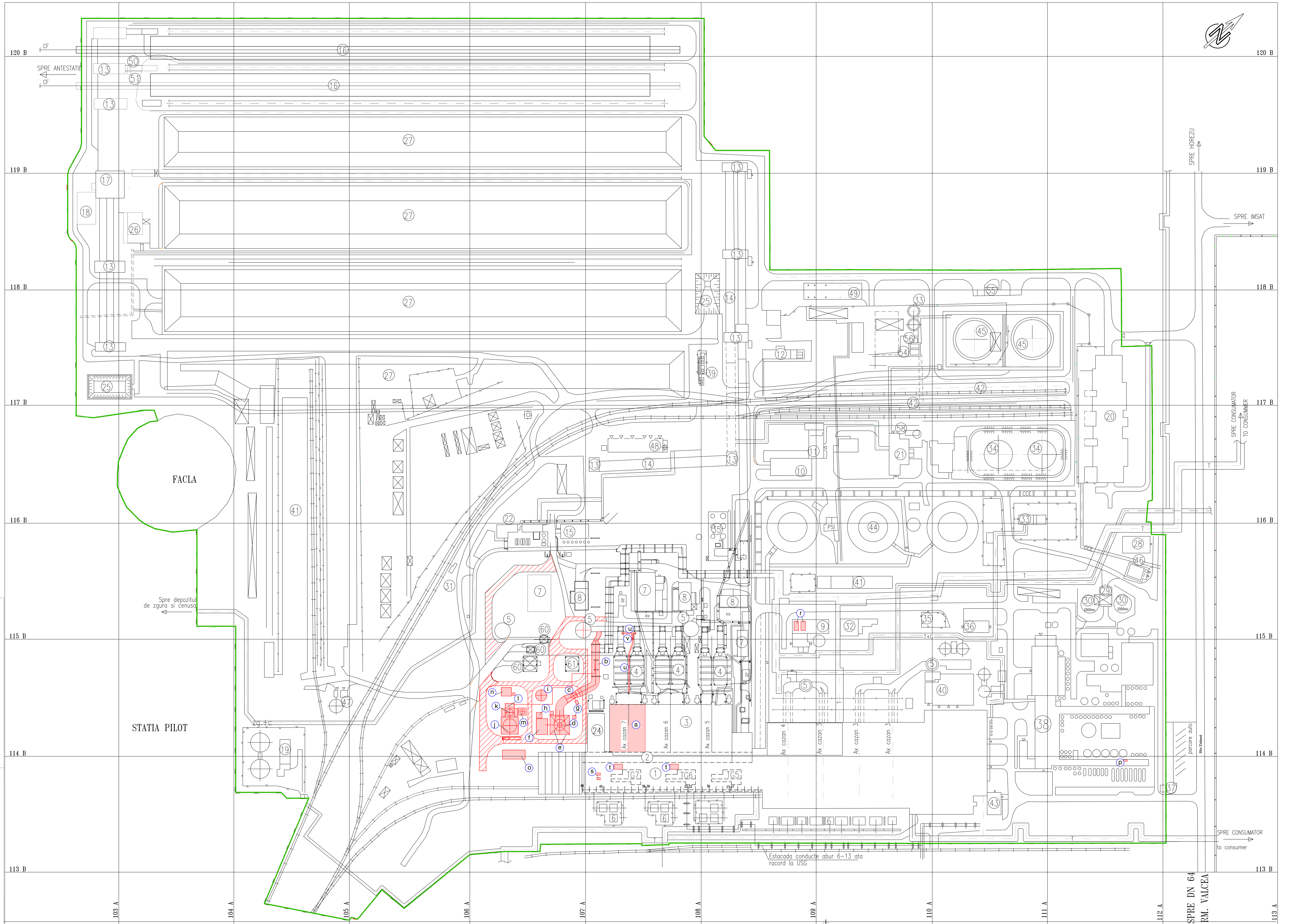

	DENUMIREA CONSTRUCTIILOR CONSTRUCTIONS NAME	CATEGORII PERICOL INCENDIU IMPORTANCE CATEGORY IMPORTANCE CLASS	GRADUL DE REZISTENTA LA FOC FIRE HAZARD CATEGORY FIRE RESISTANCE DEGREE
1	SALA MASINI (5x50MW)/Turbine building(5X50MW)	D	//
2	CORP DEGAZORI/Dearators building	D	//
3	SALA CAZANE (5x420t/h)/Boiler building(5X420t/h)	D	//
4	ELECTROFILTRE/Electrostatic precipitators	D	//
5	COS DE FUM/Stack	D	
6	TRANSFORMATORI/Transformers	C	
7	STATIA POMPE BAGGER GRUP 5.6.7.8.9./ Bagger pumps station(units 5.6.7.8.9)	E	//
8	STATII ELECTRICE PENTRU ELECTROFILTRE/Power station for electrostatic precipitators	D	//
9	STATIE POMPE TERMOFICARE/District heating pumps station	E	//
10	ATELIER INTRETINERE MORI/ Mills maintenance workshop	E	//
11	ATELIER MECANIC/ Mechanical workshop	E	//
12	STATIE ELECTRICA PTR. BENZI/ Electrical station for belt conveyors	D	//
13	TURNURI DE SCHIMBARE A DIRECTIEI/ Direction shift towers	C	//
14	BANDA TRANSPORT CARBUNE/ Coal belt conveyor		
15	STATIE AER COMPRIMAT/ Compressed air station	E	//
16	ESTACADA DESCARCARE CARBUNE/ Coal unloading station		
17	STATIE CONCASARE/ Crushing station	E	//
18	STATIE ELECTRICA PT. CONCASARE/ Power substation for crushing	D	//
19	GOSPODARIA DE APA POTABILA SI INCENDIU/ Drinking water and fire fighting system	E	
20	STATIE ELECTRICA INTERIOARA 110kV/ Inside electrical substation	D	//
21	STATIA DE TRANSVAZARE/ Transfer pump station	B	//
22	STATIE DE POMPE PACURA TR.II/ Level 1 Fuel oil pumps station	B	//
23	STATIE ELECTRICA PT. ST. POMPE PACURA TR.II/ Level 1 Fuel oil pumps power station	D	//
24	STATIE ELECTRICA PT. SERVICII GENERALE/ Electrical substation	D	//
25	DECANTOR CARBUNE NR.1 SI NR.2/ Coal decanter no.1 and 2		
26	ATELIER INTRETINERE BULDOZERE/Maintenance dozer workshop	C	//
27	DEPOZIT CARBUNE/ Coal storage		
28	CORP LABORATOARE/ Laboratory building	D	//
29	STATIE ELECTROPOMPE SI MOTOPOMPE/ Electric water pumps and diesel pumps station	E	//
30	REZERVOARE APA INCENDIU 2000mc/ Fire fighting water tanks 2000mc		
31	CINTAR BASCULA SEMIAUTOMATA POD CF 100+/ Semiautomatic bridge wieghing machine		
32	SALA CAF/ Hot water boiler building	D	//
33	STATIE REGLARE GAZE/ Adjustment gas station	A	//
34	REZERVOARE PACURA 2x5000mc/ Fuel oil tanks		
35	DEPOZIT ULEIURI/ Oil tanks	C	
36	DEPOZIT ACETILENA/ Acetylene storage	A	//
37	GRUP POARTA/ Access control building	E	//
38	ST. TRATARE CHIMICA A APEI/ Chemical water treatment station	E	//
39	STATIE PECO/Gas station	A	//
40	STATIE ELECTRICA 0.4kv SI GRUP AD-TIV/ 0,4kV Power station and ad-tiv station	D	//
41	DEPOZIT ECHIPAMENT/ Equipement storage		
42	RAMPA DESCARCARE PACURA/ Heavy fuel oil unloading station		
43	CORP ADMINISTRATIV/ Administrative building	D	//
44	TURNURI RACIRE/Cooling towers	E	//
45	REZERVOARE PACURA (2x10000mc)/ Fuel oil tanks(2x10000mc)		
46	ST. HIDROFOARE-ST. ELECTR 0.4Kv AMC SI TRAFO/ Water supply plant 0.4kV power station AMC and transformer		
47	ST. POMPE APA POTABILA REZ. APA POTABILA(200mc)/ Drinking water pump station and tank (200 cm)		
48	GARAJ SI ATELIER REPAR. AUTO/ Auto garage and repairing workshop	CD	//
49	ATELIER DE REP. ELECTRICE/ Electrical maintenance workshop	DA	//
50	STATIE AER COMPRIMAT PT. DESCARCARE CARBUNE/ Compressed air station for coal unloading	E	//
51	REZERVOARE AER COMPRIMAT/ Compressed air tanks	E	—
52	ST. POMPE DE PREPARARE / Pump station for preparing of SPUMA AEROMECANICA/ aeromechenical foam	E	/
53	SEPARATOR DE PACURA TR.I/ Fuel oil separation lv.1	C	/
54	SEPARATOR DE PACURA TR.II/Fuel oil separation lv.2	C	/
55	ST. DE RIDICARE A PRESIUNII/ Station for presion increase of fire fighting APEI DE INCENDIU/water	E	/
56	INSTALATIA DE EVACUARE / Installation of exhausting fuel oil from separator PACURA DIN SEPARATOR		—
57	BAZIN DE ASPIRATIE POMPE/ Pumps aspiration basin	B	//
58	STATIE POMPE APE UZATE CU PAC./ Fuel oil waste water pumps station	B	//
59	GRUP DIESEL/ Diesel group		
60	SILOZ EXPEDITIE CENUSA/ Fly expedition silo		
61	STATIE AER COMPRIMAT PT. EVACUARE CENUSA/ Compressed air station for expedition fly ash		

LEGENDA/LEGEND

- CONSTRUCTII EXISTENTE
  Existing constructions
- CONSTRUCTII/INSTALATII PROIECTATE
  Designed constructions/instalations
- DRUMURI EXISTENTE
  Existing roads
- DRUMURI PROIECTATE
  Designed roads
- ESTACADA TEHNOLOGICA PROIECTATA
  Designed technological trestle
- ZG.+C — ESTACADA ZGURA SI CENUSA
  Slag and ash trestle
- T — ESTACADE TEHNOLOGICE
  Technological trestle
- H — CANAL CONDUCTE HIDRO
  Water pipes ducts
- CAI RULARE IN GOSPODARIA DE CARBUNE
  Railway in coal plant
- CAI RULARE MACARA PORTAL
  Railway for portal crane
- CAI FERATE
  Railway
- CCE — TUNEL SI CANALE DE CABLURI
  Cable tunnels and ducts
- IMPREJMUIRI
  Fence

DENUMIRE OBIECTE PROIECTATE/ Designed objects name:

- a CAZAN DE ABUR NR.7
  No.7 steam boiler
- b CANALE GAZE ARSE
  Flue gases ducts
- c VENTILATOR GAZE
  Flue gases fan
- d ABSORBER
  Absorber
- e STRUCTURA SUSTINERE COS DE FUM
  Sustaining structure of stack
- f STATIE POMPE ABSORBER
  Absorber pumps station
- g REZERVOR DRENAJ
  Drainage pit
- h SUFLANTE OXIDARE
  Oxidation blowers
- i REZERVOR AVARIE
  Back up tank
- j SILOZ STOCARE CALCAR PULBERE
  Limestone powder storage silo
- k REZERVOR SUSPENSIE CALCAR
  Limestone slurry tank
- l STATIE POMPE TRANSVAZARE SUSPENSIE CALCAR
  Limestone slurry transfer pumps station
- m REZERVOR APA PROCES
  Process water tank
- n STATIE AER COMPRIMAT
  Compressed air station
- o STATIE ELECTRICA SI CAMERA DE COMANDA PENTRU DESULFURARE
  Control and electrical building for desulphurisation
- p POMPE APA LIMPEZITA
  Clarified water pumps
- r POMPE TERMOFICARE TREAPTA A II-A
  District heating pumps level II
- s ELECTROPOMPE TERMOFICARE TREAPTA I-A DE IARNA
  District heating electric water pumps level I-winter
- t ELECTROPOMPE EPA
  Electric water pumps EPA
- u CANALE GAZE ARSE RECIRCULATE
  Recycled flue gas ducts
- v VENTILATOR GAZE ARSE RECIRCULATE
  Recycled flue gas fan

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Proiectat/Designed	ing.A.Raducu-Lefter	Cod borderou/doc.list code: I-1282.01.006-G0-001	A0(841x1189= 0,999mp)
Verificat/Checked	tarh.R.Patrascu	Cda./Contr./Poz.: 24637/6334/502976/2008	
Aprobat/Approved	ing.M.Dobrin	Data:decembrie/december 2009	

Obiectiv/Objective: Sisteme de termoficare urbana Municipiul RM. Valcea/Public DHS of RM.Valcea municipality
Beneficiar /client: MFP-OPCP si MMDD/MFP-OPCP and MMDD
Fază/Stage: STUDIU DE FEZABILITATE/Feasibility study
Contract/Contract name: Asistenta tehnica pentru pregatirea portofoliului de proiecte termoficare/Technical assistance for project pipeline preparation-DHS
Lucrare/Study name: Reabilitarea sistemului de termoficare urbana la nivelul municipiului/Rehabilitation of DHS in Rm. Valcea municipality for 2009-2028 Rm.Valcea pentru perioada 2009-2028 in scopul conformarii la legislatia de mediu si/for 2009-2028 in order to comply with the environmental legislation and cresterii eficientei energetice - Studiu de fezabilitate/ increasing the energy efficiency-Feasibility study

PLAN GENERAL/GENERAL LAYOUT
Varianta 2/ Option2
Lucrari de construire/Construction works

Institutul de Studii si Proiectări Energetice S.A.
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SCARA/SCALE 1:1000

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