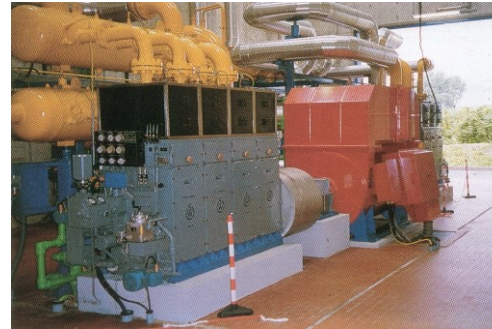
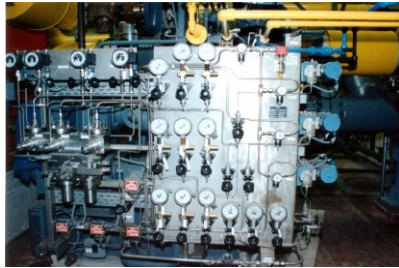


S A I

STUDIO ASSOCIATO DI INGEGNERIA



STUDIO ASSOCIATO DI INGEGNERIA □ Via Filippo Juvara 9 □ I - 20129 MILANO

Telephone +39 02 62065549 □ Email info@ilsai.it □ PEC pec.sai@cert.telecompec.it

STUDIO ASSOCIATO DI INGEGNERIA

"STUDIO ASSOCIATO DI INGEGNERIA" WAS ESTABLISHED IN 1994 BY SEVERAL ENGINEERS WITH MORE THAN 25 YEAR EXPERIENCE AS CONSULTANT FOR INDUSTRIAL GROUPS AND ENGINEERING COMPANIES, IN THE FIELDS OF ENERGY, INDUSTRIAL PLANTS, INFRASTRUCTURES AND INSTALLATIONS FOR CIVIL BUILDINGS, IN ITALY AND ABROAD.

"STUDIO ASSOCIATO DI INGEGNERIA" CAN DEAL WITH ALL THE PHASES OF A PROJECT: FEASIBILITY STUDY, COST ESTIMATION, DESIGN (BASIC, INTERMEDIATE, DETAILED), ASSISTANCE FOR PROCUREMENT, PROJECT AND CONSTRUCTION MANAGEMENT, PROJECT AND COST CONTROL, INSPECTIONS/TESTS, TECHNICAL ASSISTANCE FOR PLANT START-UP AND OPERATION.

"STUDIO ASSOCIATO DI INGEGNERIA" CAN ALSO WORK IN PRICING ANALYSIS, CALCULATIONS AND ESTIMATIONS, TECHNICAL SPECIFICATIONS, PREPARATION OF TENDER DOCUMENTS, CONSTRUCTION SUPERVISION, CONSTRUCTION SAFETY AND ENVIRONMENT PROBLEMS.

CURRICULUM VITAE

CURRICULUM VITAE CARLO PIEMONTE

Born: 28/05/1951 to Milan
Nationality: Italian
Residence: Brescia - Via Calvi, 22
Degree: Mechanical engineer (energy specialization)
Eng. Order: Brescia, n. 971, since 1975
Languages: Italian, English, French

General Background:

- Project management.
- Feasibility studies.
-

Detailed design of power plants: heat and power units, district heating systems, geothermal energy utilization, natural gas turbine expanders, energy recovery systems for industrial applications;

- Detailed design of facilities for industrial and civil buildings: HVAC plants, water and sewage, compressed air, steam plants, fire-fighting, natural gas supply, etc.
- Professor and searcher at the Energy Department of the Polytechnic of Milan from 1974 to 2000 and at University of Brescia since year 2000.
- Consultant of Techint SpA - Milan from 1978 to 2002.
- Energy manager of BAS (Bergamo Ambiente e Servizi) from 1992 to 2005.
- President of the Geothermal Committee of AIRU (Italian District Heating Association) from 1990 to 1994.
- President of UGI (Italian Geothermal Association) from 1994 to 2005.
- Professor in Energy Management for engineers at LIUC (University Carlo Cattaneo) of Castellanza from 1994 to 2002
- Professor at University of Brescia (Civil Engineering Department) from 2002 to 2012.
- Vice-President of European Geothermal Conference (Basel, 1999)
- Member of IGA (International Geothermal Association) Board of Directors from 2001 to 2004

Present Qualification:

- Senior Partner of SAI (Studio Associato di Ingegneria).
- Founding member of the Sintea Srl - Via F. Juvara, 9 - Milan

Qualifications:

- Fire prevention: Registration in the list of professionals in DM 25/03/1985
- Construction site safety: Enabling coordinator for the planning and execution of the work (ex Legislative Decree 494/96 now Legislative Decree 81/08)
- Regional Register of Inspectors, n. 3069 from 2001

CURRICULUM VITAE

CURRICULUM VITAE ALBERTO PIATTI

Born: 10/09/1958 to Varese
Nationality: Italian
Residence: Varese - Via Mulini Grassi, 5
Degree: Mechanical engineer (energy specialization)
Eng. Order: Varese, n. 1400, since 1985
Languages: Italian, English

General background

- Detailed design for projects for plants in public concerns, services (particularly: hospital and industrial field).
- Project Engineering for "Turn Key" plants in energy field
- Technical and economical feasibility studies
- Energy saving and renewable and alternative energy sources studies and projects
- Natural gas pipelines and distribution systems, HVAC, cogeneration , geothermal energy utilization, power plants, electric energy recovery from the natural gas depressurization feasibilities studies and projects
- Consultant of Techint SpA - Milan from 1985 to 2002.
- Professor at Libero Istituto Universitario Carlo Cattaneo (LIUC) - Castellanza (VA) since 1994, in Thermodynamics and Energy Management

Present Qualification

- Consultant
- Professor in "Thermodynamics" and "Facility services for industry" courses at LIUC University of Castellanza (VA)
- Partner of SAI (Studio Associato di Ingegneria).

Qualifications:

- Fire prevention: Registration in the list of professionals in DM 25/03/1985
- Construction site safety: Enabling coordinator for the planning and execution of the work (ex Legislative Decree 494/96 now Legislative Decree 81/08)
- Regional Register of Inspectors, No 3070, for the category technological systems
- Safety at Work: Head of Prevention and Protection
- Structural work: qualified to perform testing under Act 1986 of 1971

MARKET SEGMENTS

- POWER STATIONS AND COGENERATION PLANTS
- DISTRICT HEATING AND DISTRICT COOLING
- RENEWABLE ENERGY SYSTEMS:
 - GEOTHERMAL ENERGY (THERMAL APPLICATIONS)
 - BIOMASS
 - ENERGY RECOVERY FROM NATURAL GAS DEPRESSURIZATION
- LARGE HEAT PUMP PLANTS
- BUILDING FACILITIES (HVAC SYSTEMS, HEATING, FIRE FIGHTING, COMPRESSED AIR, ELECTRICAL AND SPECIAL PLANTS) FOR HOSPITALS, COMMERCIAL OR INDUSTRIAL ACTIVITIES, CIVIL BUILDINGS
- DISTRIBUTION NETWORK OF DRINKABLE WATER, SEWAGE, GAS AND OTHER SERVICES

CAPABILITIES

- BASIC, INTERMEDIATE AND DETAILED DESIGN
- WORKS DIRECTION
- SAFETY MANAGEMENT (DESIGN AND CONSTRUCTION)
- FEASIBILITY STUDY, BUSINESS PLAN AND CONSULTING
- TECHNICAL AND ADMINISTRATIVE SUPERVISION AND FINAL CERTIFICATION
- TECHNICAL SUPERVISION (DESIGN - CONSTRUCTION) OF MAJOR WORKS
- AUDIT AND EVALUATION OF ENERGY SAVING

OUR ORGANIZATION CAN FOLLOW UP THE WHOLE PROJECT, STARTING FROM THE GENERAL OUTLINE UP TO THE START UP OF THE COMMERCIAL OPERATION, INCLUDING ALL THE TESTS AND CERTIFICATIONS

CONGENERATION PLAN WITH 7 MW GAS TURBINE DOR BARILLA FACTORY IN FOGGIA



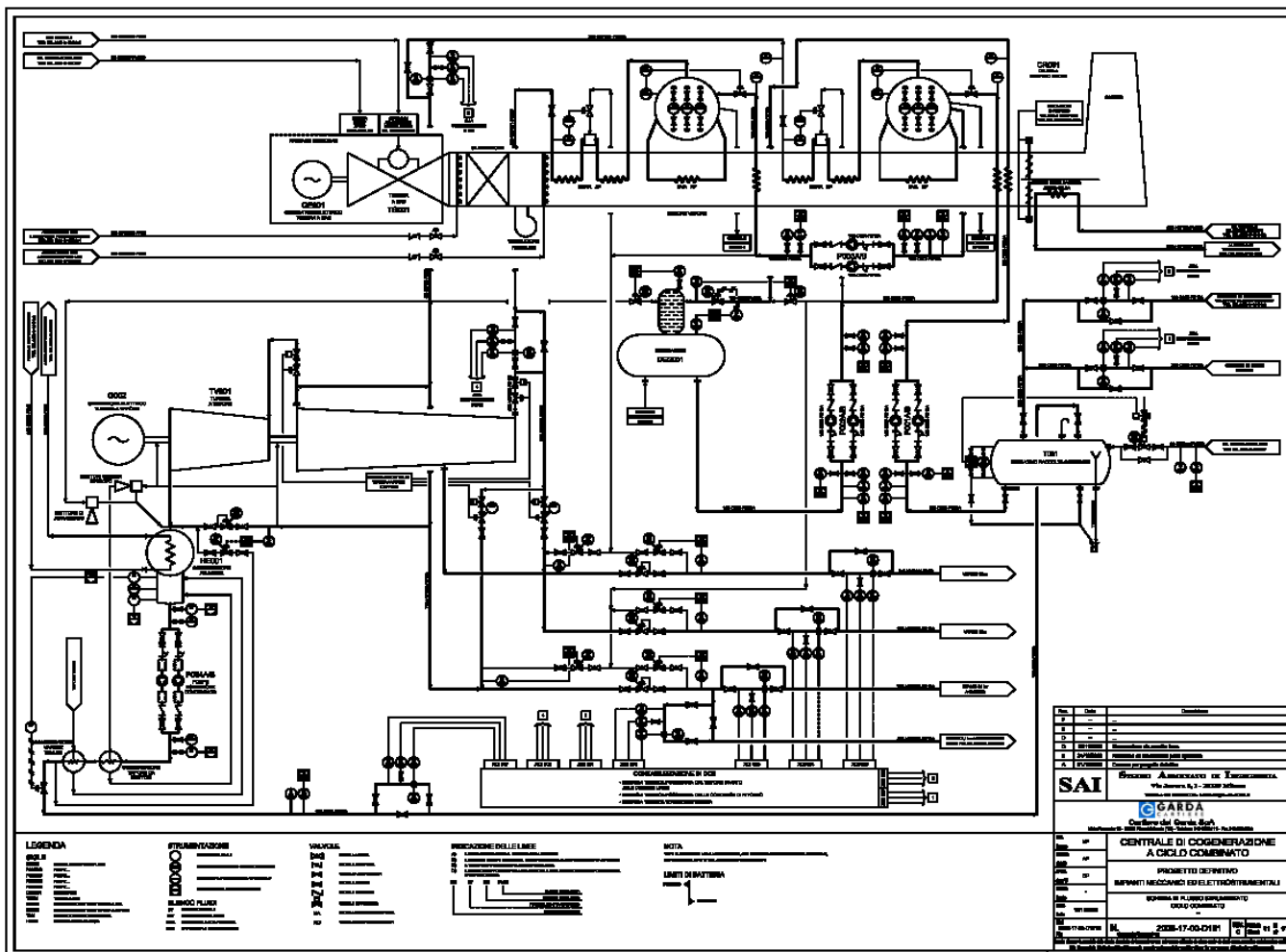
THERMAL, REFRIGERATING AND COGENERATION PLANT FOR VARESE HOSPITAL



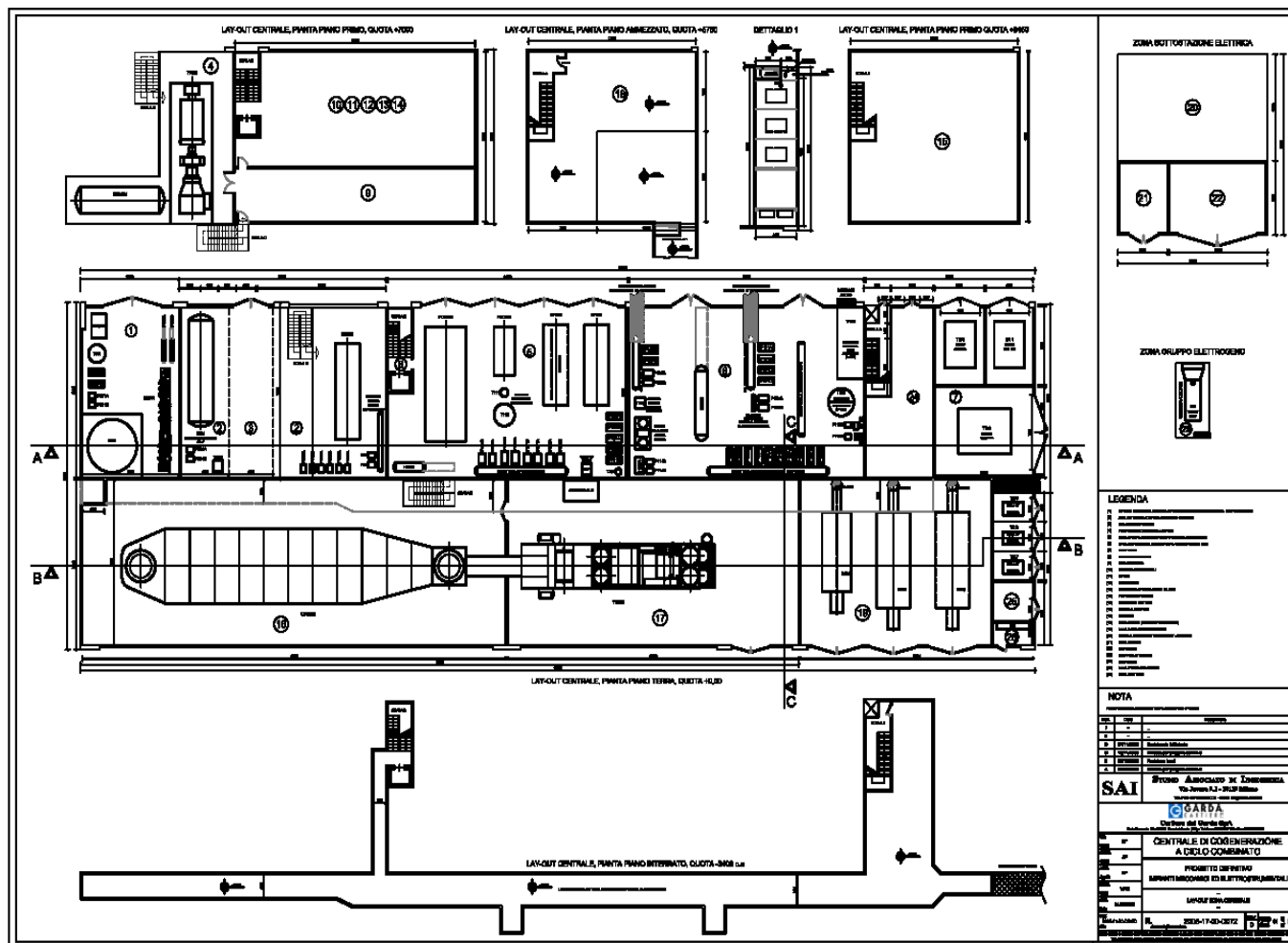
50 MW_e COMBINED CYCLE POWER PLANT FOR CARTIERE DEL GARDA AND FOR THE DISTRICT HEATING SYSTEM OF THE MUNICIPALITY OF RIVA DEL GARDA



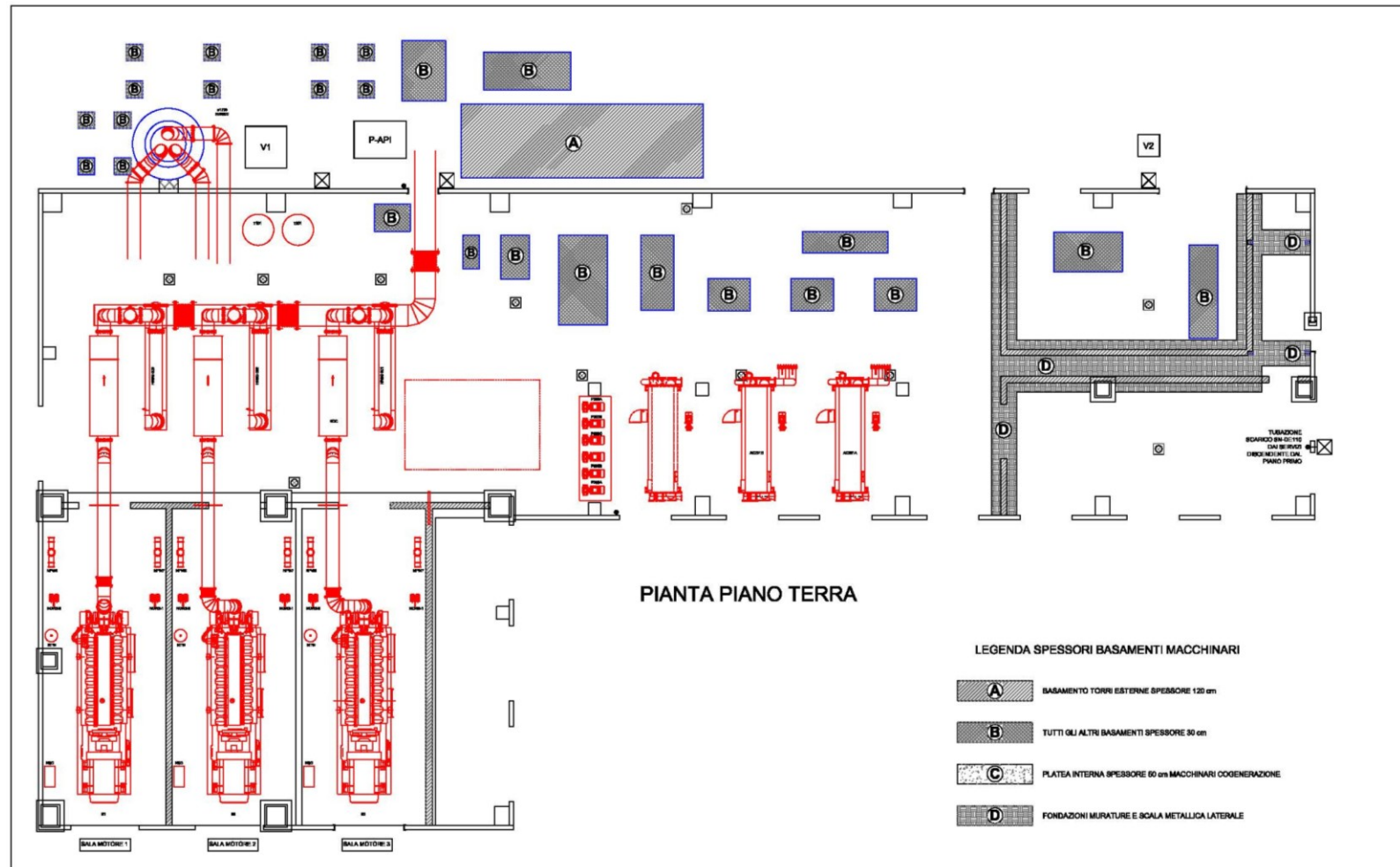
50 MW_e COMBINED CYCLE POWER PLANT FOR CARTIERE DEL GARDA AND FOR THE DISTRICT HEATING SYSTEM OF THE MUNICIPALITY OF RIVA DEL GARDA



50 MW_e COMBINED CYCLE POWER PLANT FOR CARTIERE DEL GARDA AND FOR THE DISTRICT HEATING SYSTEM OF THE MUNICIPALITY OF RIVA DEL GARDA



9 MW_e FOUR-GENERATION PLANT FOR COCA-COLA FACTORY IN NOGARA (VR)

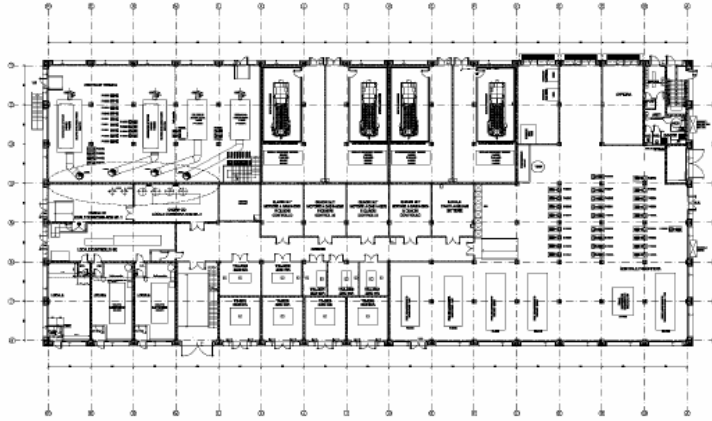


TRIGENERATION PLANT FOR TELECOM ITALIA FACTORY IN TURIN

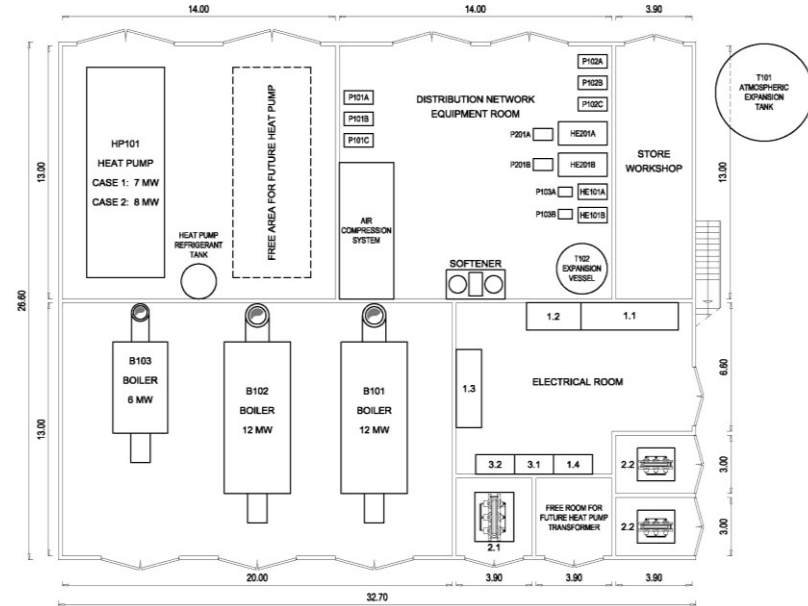
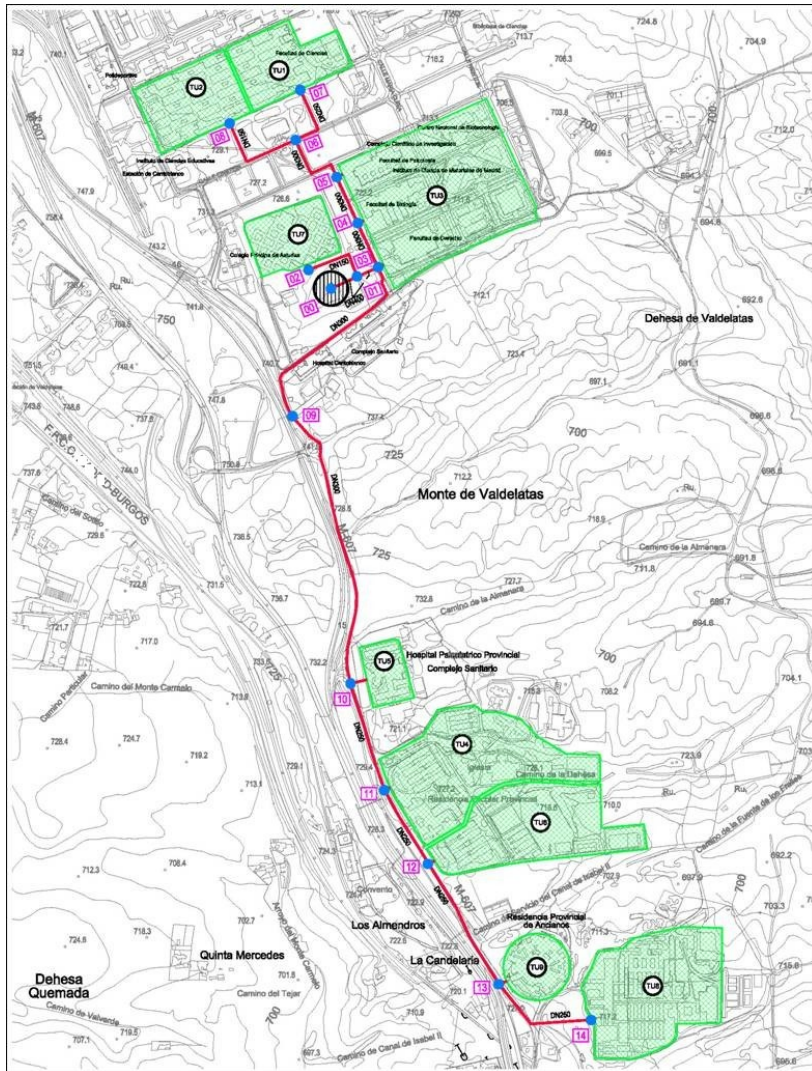


NIGUARDA HOSPITAL IN MILANO

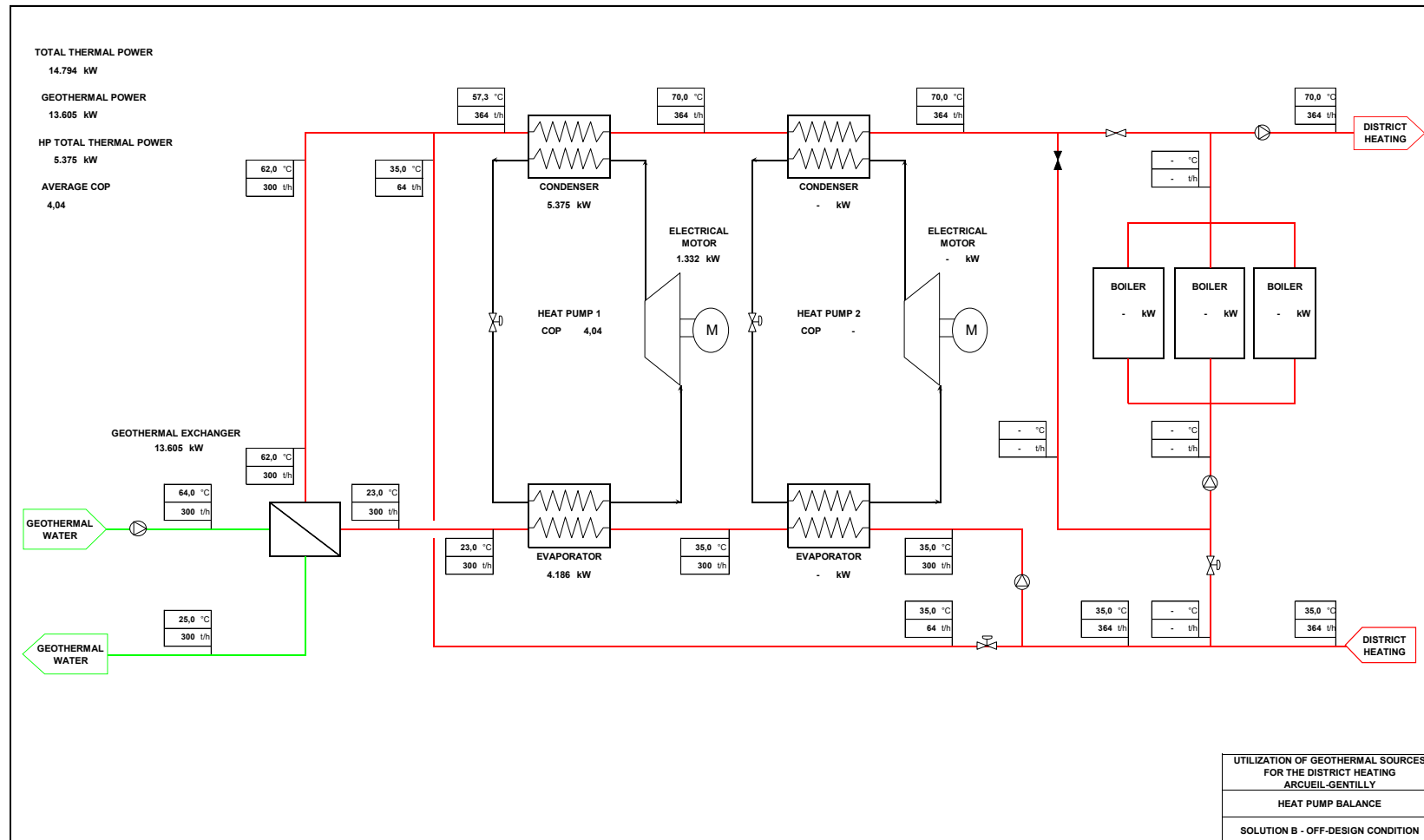
TRIGENERATION PLANT (16 MW_e, 60 MW_t, 40 MW_f)



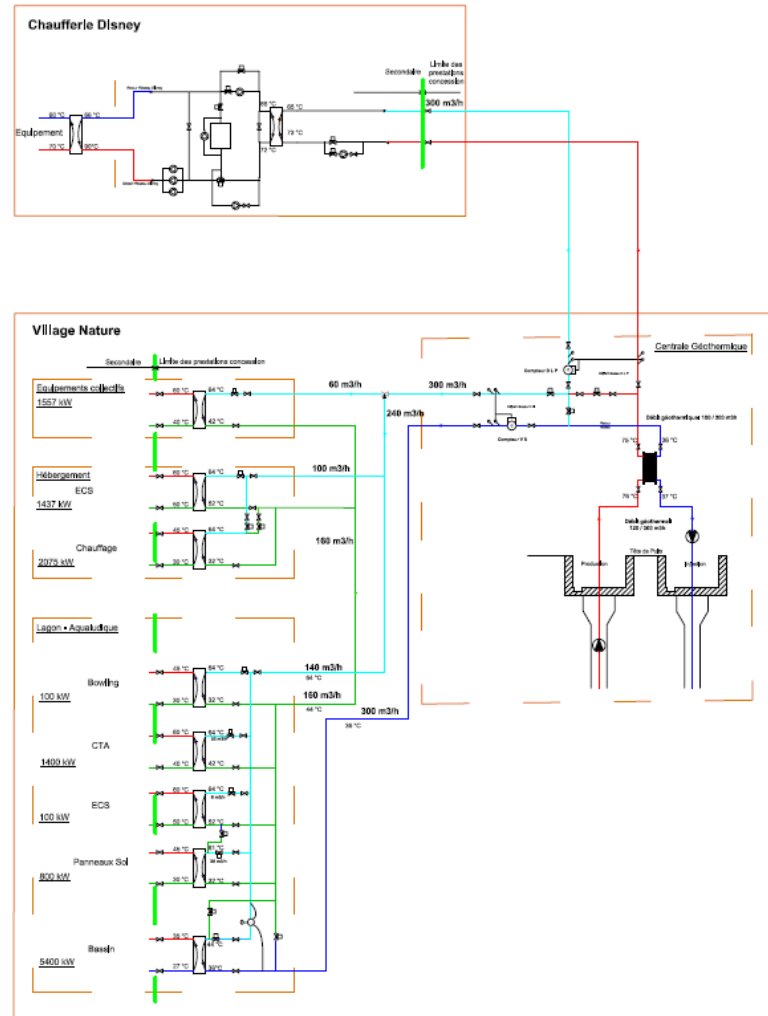
GEOMADRID PROJECT: 30 MW_t DISTRICT HEATING SYSTEM INCLUDING A 5 MW HEAT PUMP FED BY GEOTHERMAL SOURCE



29 MW DISTRICT HEATING SYSTEM FOR ARCUEIL-GENTILLY (PARIS - FRANCE), FED BY A GEOTHERMAL WELL, WITH TWO HEAT PUMPS (12 MW TOTAL POWER)



BLUE LAGOON GEOTHERMAL DISTRICT HEATING SYSTEM OF NATURE VILLAGE DISNEYLAND PARIS



NEW SITE OF LOMBARDY REGION OFFICES SUPERVISION OF ENGINEERING AND WORKS DIRECTION



NEW SITE OF LOMBARDY REGION OFFICES SUPERVISION OF ENGINEERING AND WORKS DIRECTION



NEW SITE OF LOMBARDY REGION OFFICES SUPERVISION OF ENGINEERING AND WORKS DIRECTION



NEW HOSPITAL IN BERGAMO MEMBER OF THE TECHNICAL AND ADMINISTRATIVE INSPECTION AND VALIDATION COMMISSION



NEW HOSPITAL IN VIMERCATE MEMBER OF THE TECHNICAL AND ADMINISTRATIVE INSPECTION AND VALIDATION COMMISSION



NEW CINEMA MULTIPLEX WITH 14 THEATRES AND 3.000 SEATS IN PIOLTELLO (MI)



NEW DIATHERMIC OIL BOILER PLANT FOR ISTITUTO POLIGRAFICO E ZECCA DELLO STATO FACTORY IN FOGGIA



UNIVERSITÀ DEGLI STUDI DI BRESCIA

RENOVATION FOR SEVERAL UNIVERSITY DEPARTMENTS



COMPLESSO DI SAN FAUSTINO - VISTA



COMPLESSO DI SANTA CHIARA - VISTA

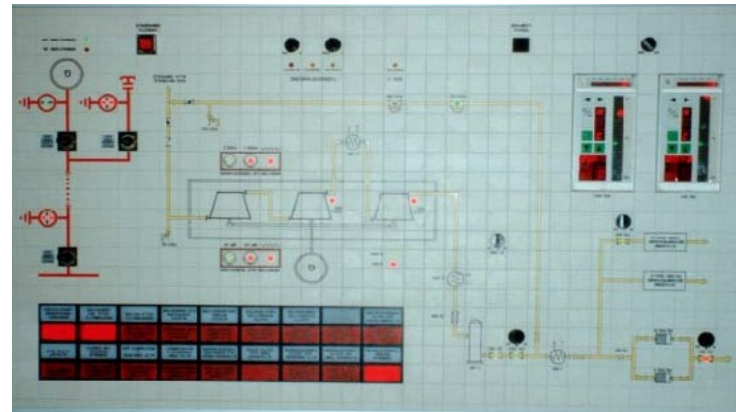
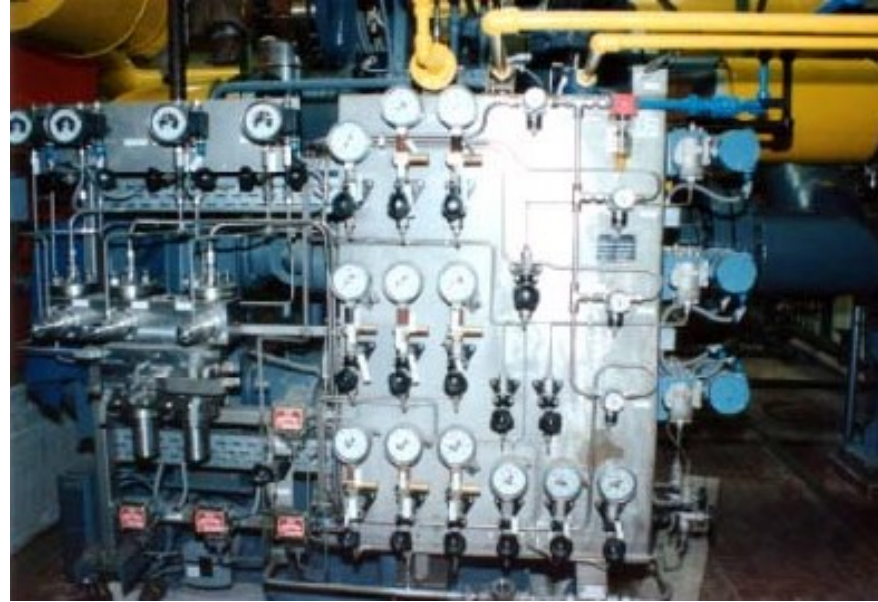


PALAZZO CALINI AI FIUMI - VISTA



PALAZZO BETTONI CAZZAGO - VISTA

NATURAL GAS TURBINE EXPANDER (5.000 kW) FOR PONTI SUL MINCIO (MN) POWER STATION



EASE SYSTEM (EFFICIENT ALL-SEASON EXPANDER)

NATURAL GAS EXPANSION PLANT INTEGRATED WITH TWO HEAT AND POWER ENGINES (TOTAL 3 MW)

