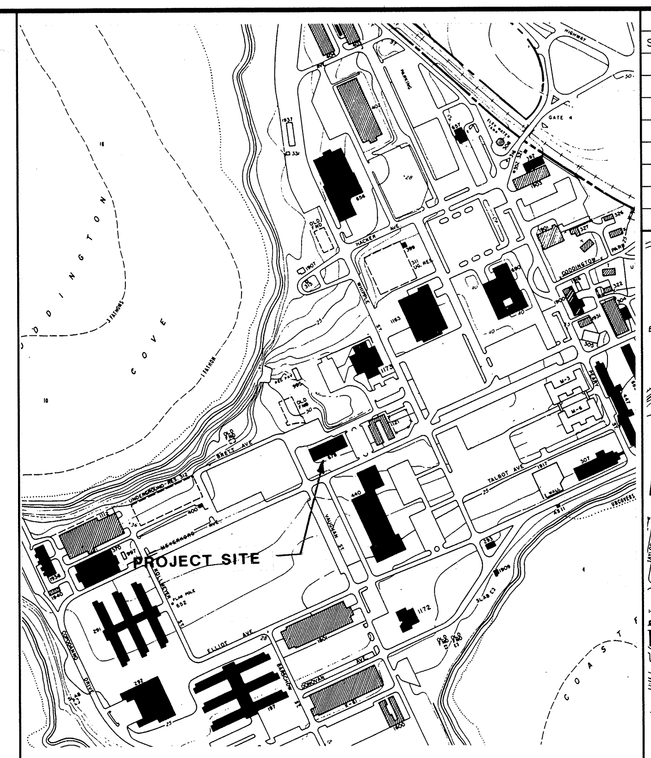
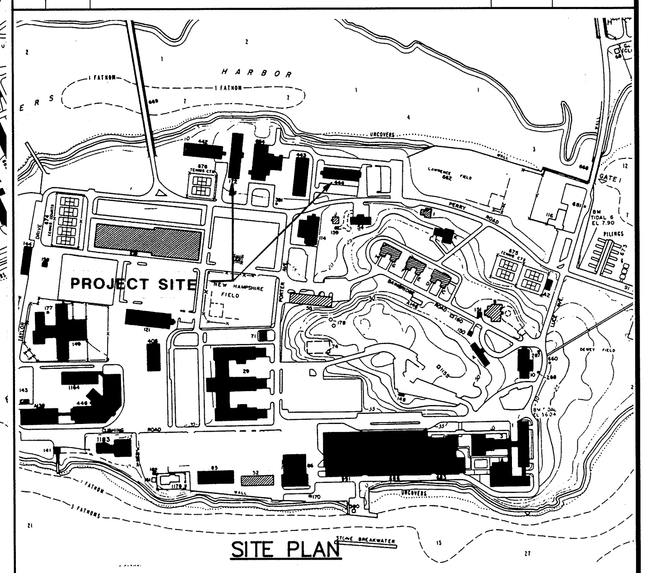
INDIVIDUAL HEATING CONTROLS
BUILDING NO.'S 172, 444, AND 678



SITE PLAN
BUILDING NO. 678



SITE PLAN
BUILDING NO.'S 172 AND 444

REVISIONS

SYM	ZONE	DESCRIPTION	DATE	APPROVED

DRAWING LIST

TITLE:	NETC DWG. NO.	NAVFAC DWG. NO.
1. TITLE SHEET	29,302-290	2,149,645
2. DEMOLITION AND REMOVAL AND NEW WORK DETAILS BUILDING NO. 172	29,303-290	2,149,646
3. DEMOLITION AND REMOVAL, NEW WORK, BUILDING NO. 172, MECHANICAL	29,304-290	2,149,647
4. RISER DIAGRAM AND DETAILS BUILDING NO. 172	29,305-290	2,149,648
5. SECTIONS AND DETAILS, BUILDING NO. 172	29,306-290	2,149,649
6. BUILDING NO. 444 FLOOR PLANS MECHANICAL/ELECTRICAL	29,307-290	2,149,650
7. RADIATION RISER DIAGRAM EAST ELEVATION AND DETAILS BUILDING NO. 444	29,308-290	2,149,651
8. RADIATION RISER DIAGRAM WEST ELEVATION AND DETAILS BUILDING NO. 444	29,309-290	2,149,652
9. FIN RADIATION DETAILS AND MECHANICAL ROOM PLAN BUILDING NO. 444	29,310-290	2,149,653
10. BUILDING NO. 678 DEMOLITION AND REMOVAL MECHANICAL	29,311-290	2,149,654
11. HEATING RISER DIAGRAMS EAST AND WEST ELEVATIONS BUILDING NO. 678	29,312-290	2,149,655
12. BUILDING NO. 678 1ST, 2ND, 3RD, 4TH, AND 5TH NEW WORK	29,313-290	2,149,656
13. MECHANICAL ROOM, ELEVATIONS, AND DETAILS MECHANICAL/ELECTRICAL	29,314-290	2,149,657

LEGEND

	NEW WORK
	EXISTING TO REMAIN
	EXISTING TO BE REMOVED
T	THERMOSTAT
	MOTORIZED CONTROL VALVE
	DIRECTION OF FLOW
	SHUT-OFF VALVE
	BALANCING COCK
	90° ELBOW
	TEE
S-1	SUPPLY RISER
R-1	RETURN RISER
A	AUTOMATIC AIR VENT
	RADIATION
V	CONTROL VALVE
J	JUNCTION BOX
P.O.C.	POINT OF CONNECTION
C.P.	CUT POINT
	FLOW INDICATOR AND BALANCING VALVE
1A	OPPOSITE HAND DETAIL
1	SEE DETAIL FOR FIN RADIATION
	UNION
A	SEE EXISTING FIN RADIATION SCHEDULE
S	SUPPLY
R	RETURN
R-1	RISER #
	CONTROL VALVE
	CONDUIT AND WIRE RUN

GENERAL NOTES

1. RELATIVE LOCATIONS AND ELEVATIONS OF EXISTING MECHANICAL AND ELECTRICAL FEATURES OF THE BUILDINGS ARE SHOWN IN ACCORDANCE WITH LATEST PLANS AND AVAILABLE ENGINEERING INFORMATION. THE CONTRACTOR SHALL VERIFY EFFECTED BUILDING FEATURES BEFORE COMMENCING WORK.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING, PATCHING, AND PAINTING THE CONTRACTOR SHALL REPAIR DAMAGED SURFACES INCLUDING PAINTING OF DAMAGED COVERS, AS A RESULT OF CONTRACTOR WORK TO MATCH EXISTING.
3. CONTRACTOR TO DRAIN, VENT, AND REFILL HOT WATER SYSTEMS OF BUILDING NO'S. 172, 444, AND 678 AFTER COMPLETION OF ALL MECHANICAL WORK AND PIPING CONNECTIONS.
4. CONTRACTOR SHALL LEAK TEST ENTIRE SYSTEM AFTER PIPING AND MECHANICAL INSTALLATION IN ALL BUILDINGS AND BEFORE INSTALLATION OF PIPE INSULATION WHERE REQUIRED OR INDICATED.
5. ALL WORK SCHEDULES SHALL BE APPROVED BY THE CONTRACTING OFFICER BEFORE COMMENCING WORK TO AVOID INTERFERENCE WITH NORMAL WORK SCHEDULE OR OCCUPANTS AND PROVISIONS FOR NORMAL HEATING, ELECTRICAL, AND MISSCELLANEOUS UTILITY SERVICES.
6. ANY COVERS, PIPING, VALVING, FIN RADIATION OR HARDWARE DAMAGED DURING THE PERFORMANCE OF CONTRACT WORK SHALL BE REPLACEED WITH NEW ITEMS AT NO ADDITIONAL COST TO THE GOVERNMENT.
7. PIPING AS SHOWN IS DIAGRAMMATIC ONLY. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF RUNS, VALVE LOCATIONS AND CONNECTIONS TO SUIT FIELD CONDITIONS.
8. ALL MATERIALS PROVIDED BY THE CONTRACTOR SHALL BE NEW.
9. CONTRACTOR TO COORDINATE INSTALLATION OF EQUIPMENT TO AVOID INTERFERENCE WITH EXISTING PIPING, ELECTRICAL CONDUITS, STRUCTURAL AND ARCHITECTURAL FEATURES OF THE BUILDING.
10. CONTRACT TO COORDINATE FINAL LOCATION OF ALL THERMOSTATS, CONTROL VALVES, FAN COIL UNITS, COVERS, FIN RADIATION, ETC. WITH CONTRACTING OFFICER FOR FINAL APPROVAL.
11. INSUALTE PIPING UNDE COVER AS SPECIFIED IN SECTION 15250 "INSULATION OF MECHANICAL SYSTEMS" UP TO THE SUPPLY AND RETURN SHUT-OFF VALVES, UNDER COVER, AND AS INDICATED.
12. BEFORE COMMENCING WORK, THE CONTRACTOR SHALL INSPECT ALL EXISTING HOT WATER SYSTEMS FOR LEAKS. CONTRACTOR SHALL NOTIFY CONTRACTING OFFICER OF ANY SYSTEM LEAKS PRIOR TO START OF WORK.
13. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRS TO EXISTING SYSTEMS IF LEAKS OCCUR AFTER OR DURING SYSTEM TEST.
14. CONTRACTOR TO UTILIZE SURFACE METAL RACEWAY FOR ALL ELECTRICAL RUNS EXPOSED IN ROOMS. RACEWAY SHALL BEAR THE LABEL OF THE UNDERWRITER'S LABORATORIES INCORPORATED AND SHALL BE SECURELY SUPPORTED BY MANUFACTURER APPROVED METHODS.
15. CONTRACTOR SHALL PROTECT ALL FURNITURE, WALL FINISHES, CARPETING, TELEVISIONS, OR ELECTRONIC EQUIPMENT, ETC. FROM DAMAGE. ALL ROOM FURNISHINGS MUST REMAIN IN ROOM DURING CONTRACT. ALL FURNISHINGS SHALL BE COVERED WITH 1 LAYER 6 MIL PLASTIC SHEET, FURNISHED BY CONTRACTOR. CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGE TO FURNISHINGS INCLUDING DAMAGE TO FLOORS OR WALLS THAT MIGHT BE CAUSED BY CONSTRUCTION.
16. CONTRACTOR SHALL COVER ALL EXISTING CARPETING WITH 1 LAYER 6 MIL PLASTIC SHEET FURNISHED BY THE CONTRACTOR. IN ADDITION, SUPPLY ONE SHEET OF 3/4" PLYWOOD OVER PLASTIC SHEET WHERE CUTTING AND THREADING, BRAZING, ETC. WILL OCCUR.

E. MICHAEL SWEENEY
No. 4290
REGISTERED PROFESSIONAL ENGINEER

NETC DWG. NO. / NETC SK. NO. 29,302-290
DSGN: R.P.D
DR. R.P.D.
BR. J. Beukema P.E.
DIR.
APPROVED DATE 4/20/92
SATISFACTORY TO Wm J Lebeau
DATE 3-31-92

DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND
NAVAL EDUCATION AND TRAINING CENTER
NEWPORT, RHODE ISLAND

INDIVIDUAL HEATING CONTROLS BLDG. NOS. 172, 444, AND 678

TITLE SHEET

SIZE	CODE IDENT NO.	NAVFAC DRAWING NO.
F	80091	2,149,645

CONSTR. CONTR. NO. N62472-91-C-1700
SCALE: AS NOTED — SPEC. 04-91-1700 — SHEET 1 OF 13