STATE OF VERMONT
STATE BUILDINGS DIVISION
DEPARTMENT OF ADMINISTRATION
MONTPELIER, VERMONT

BERLIN, VT.
TRAFFIC SHOP - DEPARTMENT OF HIGHWAYS
HEATING PLAN

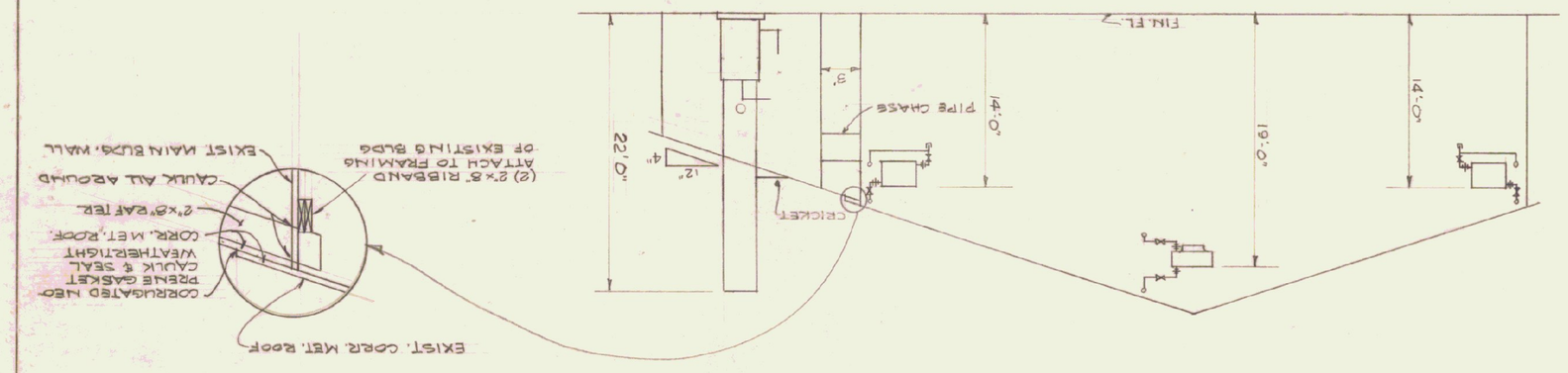
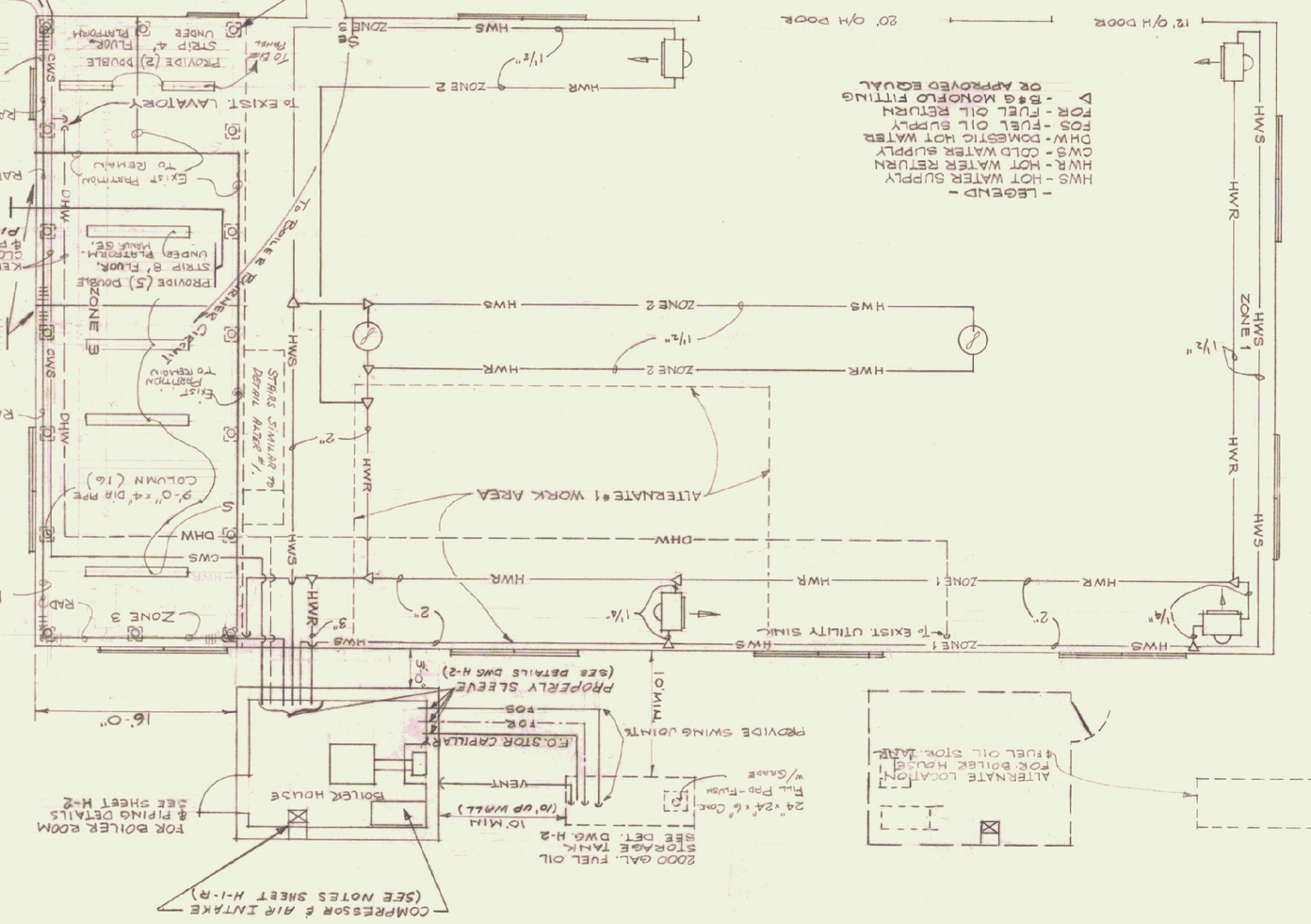
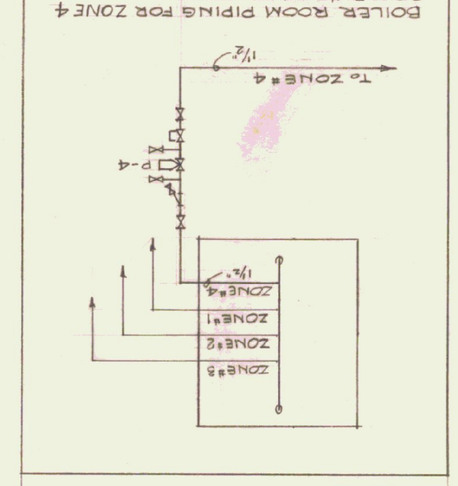
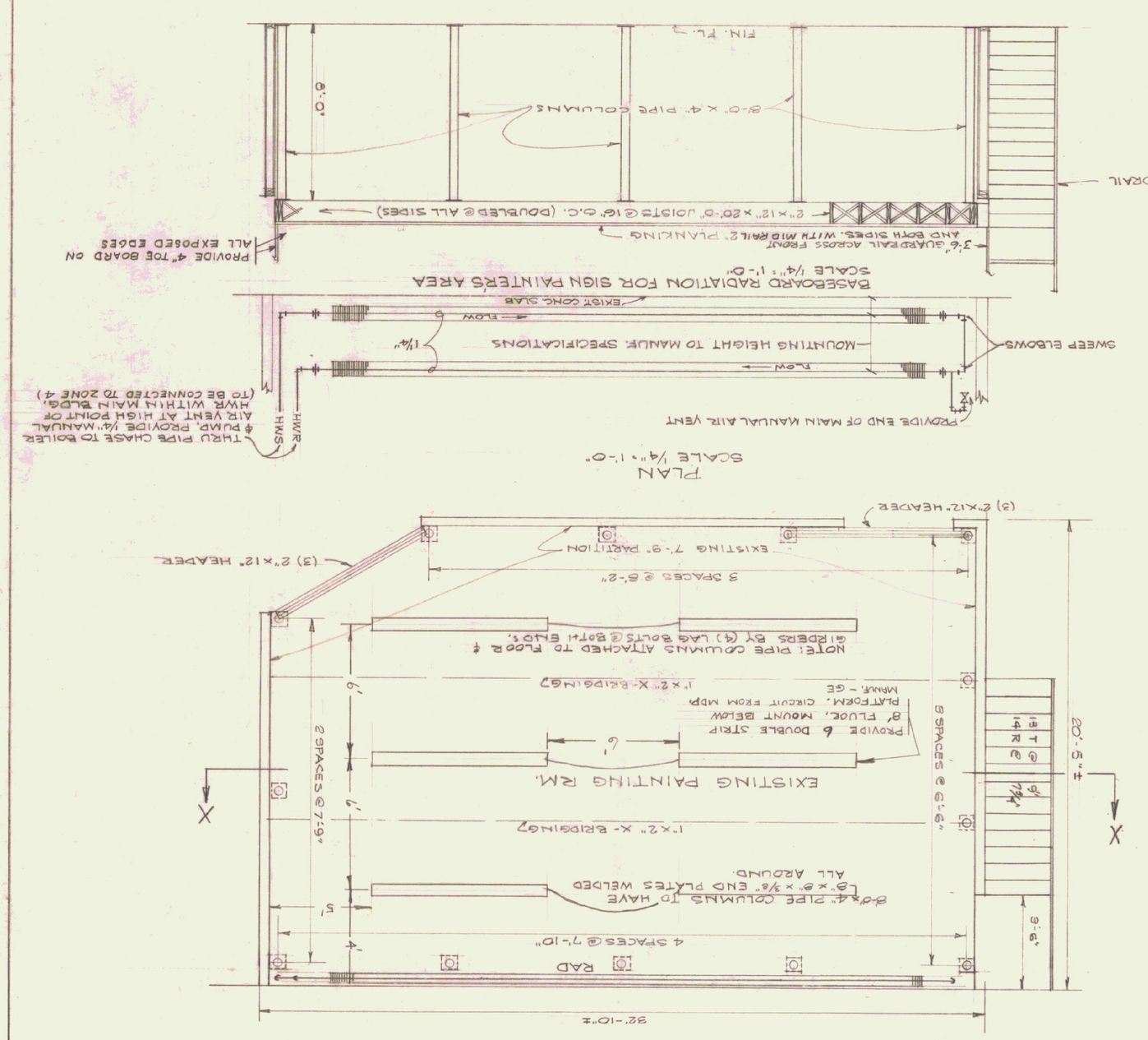
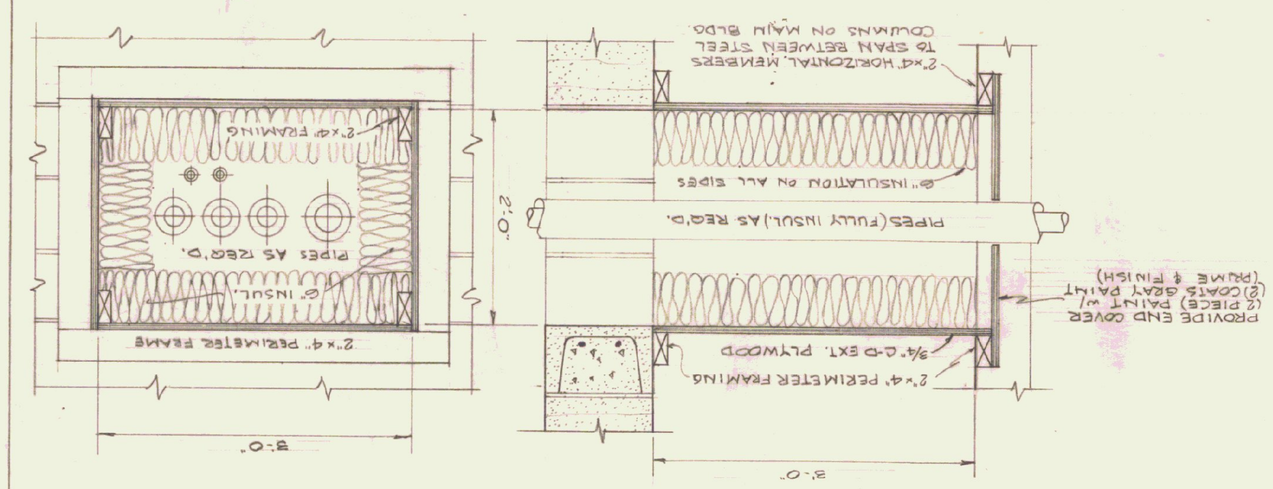
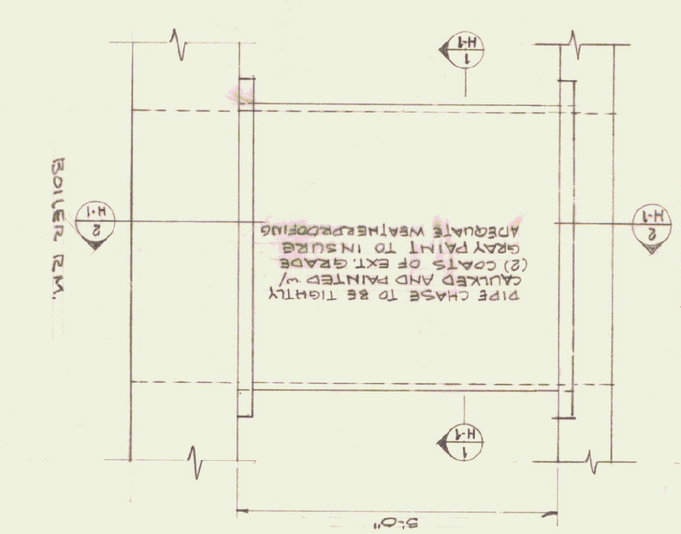
DATE:	DESIGNED BY:	DWG. NO.
8/72	G.N.M.	H-1
DRAWN BY:	APPROVED BY:	
CEH	REVISED MMM 73	2 OF 3

LEGEND

SYMBOL	DESIGNATION	MTG. HT. ON STEM ABOVE FLOOR	MANUF. # CAT. NO.	REMARKS
	INCAND. LIGHTING FIXTURE w/SHALLOW DOME REFLECTOR; 200w. LAMP		MILLER AE-3002	w/SHALLOW DOME REF.
	INCAND. DOUBLE FLOODLIGHT, WEATHERPROOF; 150W LAMPS		AT SOFFIT	GE 150 PAR 38 FLOOD BEAM w/PHOTOCELL CONTROL
	DUPLEX RECEPTACLE, GROUNDED; SPECIFICATION GRADE		20"	GE 4107-1
	OIL BURNER EMERGENCY SWITCH		60"	AH 1992 w/RED SWITCH PLATE
S	1 POLE QUIET TUMBLER LIGHTING SWITCH		48"	AH 1990 SERIES
Sn	DISCONNECT FOR PUMP #1; w/ MAGNETIC STARTER.		60"	
Sn2	DISCONNECT FOR PUMP #2; Do.		60"	
Sn3	DISCONNECT FOR PUMP #3; Do.		60"	
Sn4	DISCONNECT FOR PUMP #4; Do.		60"	
	FLUORESCENT LIGHTING FIXTURE 8'-75w.; 4'-40w. ALL DOUBLE STRIP Below Plenum		LITHONIA C/J SERIES 2-232	ALTERNATE #1

BOILER ROOM PANEL SCHEDULE

CIR. NO.	BREAKER AMP.	BREAKER POLE	EQUIPMENT SERVED	H.P.	REMARKS
PANEL DBP	(CIRCUIT BREAKER TYPE QE TM 10-410S/POWERMASTER; 3 ϕ 4W; 100A MAINS w/60A MAIN DISCONNECT 10,000 I.C.R. BELOW)				
1	20	1	BURNER	1/4	
2	20	3	PUMP #1	3/4	
3	20	3	PUMP #2	3/4	
4	20	3	PUMP #3	3/4	
5	20	1	OUTLETS IN BOILER RM.		
6	20	1	BOILER RM. LIGHTING		INSIDE & OUTSIDE
7-9	20	1	SPARES		
10	20	3	SPARE		
(7)	20	1	PUMP #4	1/2	

NOTE: BASE BID
1. ALL CIRCUITS FOR UNIT HEATER MOTORS TO BE FED FROM EXISTING MAIN DISTRIBUTION PANEL IN EXISTING BUILDING, ELECTRICAL CONTRACTOR SHALL RUN OUT AND LABEL ALL CIRCUITS USED.
2. PROVIDE DISCONNECT AT EACH UNIT HEATER.
3. NEW ELECTRICAL PANEL BBRP TO BE MOUNTED ON 3/4" C-D EXT GRADE PLYWOOD. PANEL TO BE FINISHED WITH ONE COAT OF PRIMER AND ONE COAT OF GRAY PAINT ON BOTH SIDES AND ALL EDGES. (SEE SPECS.)

NOTE - USE THIS HEATING PLAN ON THE BID3 FOR ALTERNATES #1 & #2
(a) ALTERNATE #1 PLATFORM, HEATING & LIGHTING, STAIRS (WORK AREA ONLY)
(b) ALTERNATE #2 PLATFORM, STAIRS, & LIGHTING ONLY (OFFICE AREA).