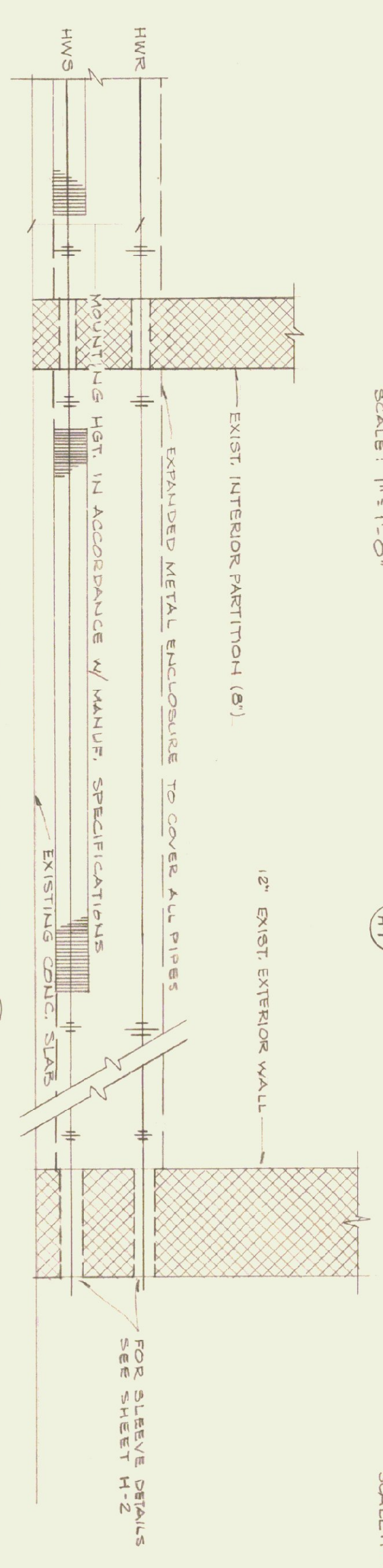
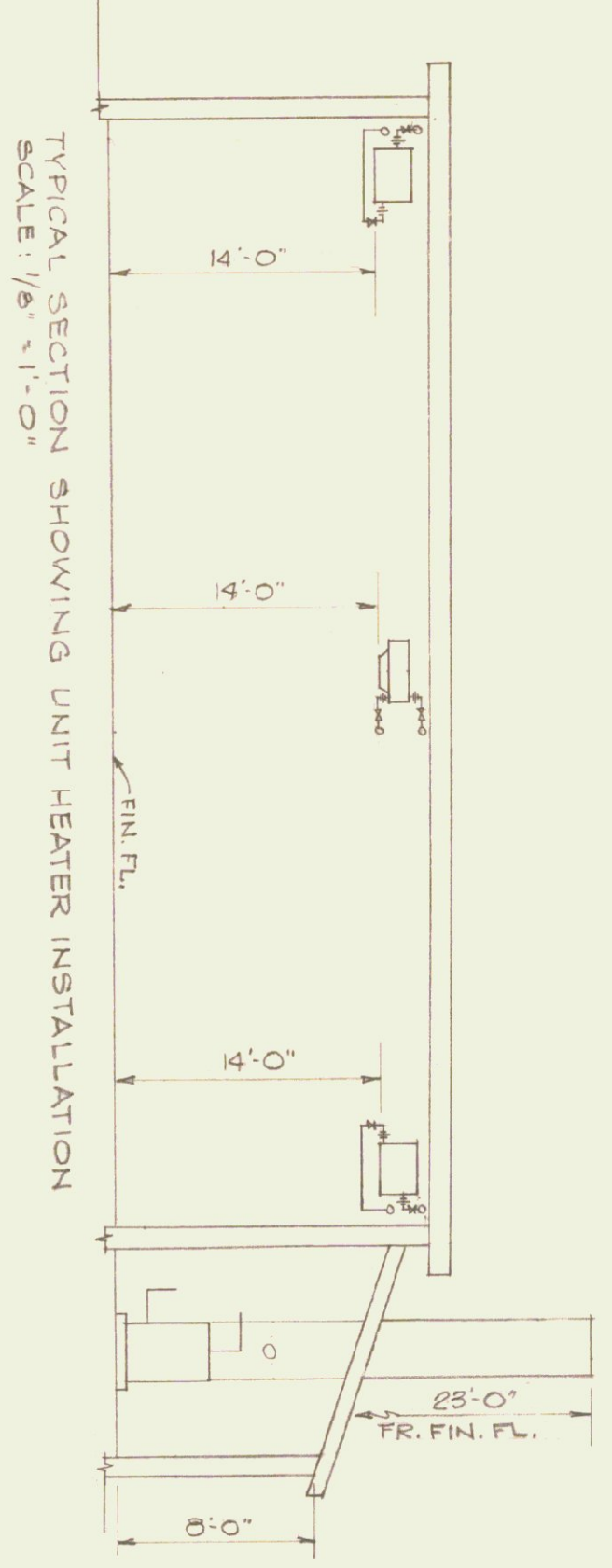


DETAIL OF END OF MAIN (GARAGE OFFICE) H1
SCALE: 1" = 1'-0"



TYPICAL BASEBOARD RADIATION PIPING H2
SCALE: 1" = 1'-0"



TYPICAL SECTION SHOWING UNIT HEATER INSTALLATION
SCALE: 1/2" = 1'-0"

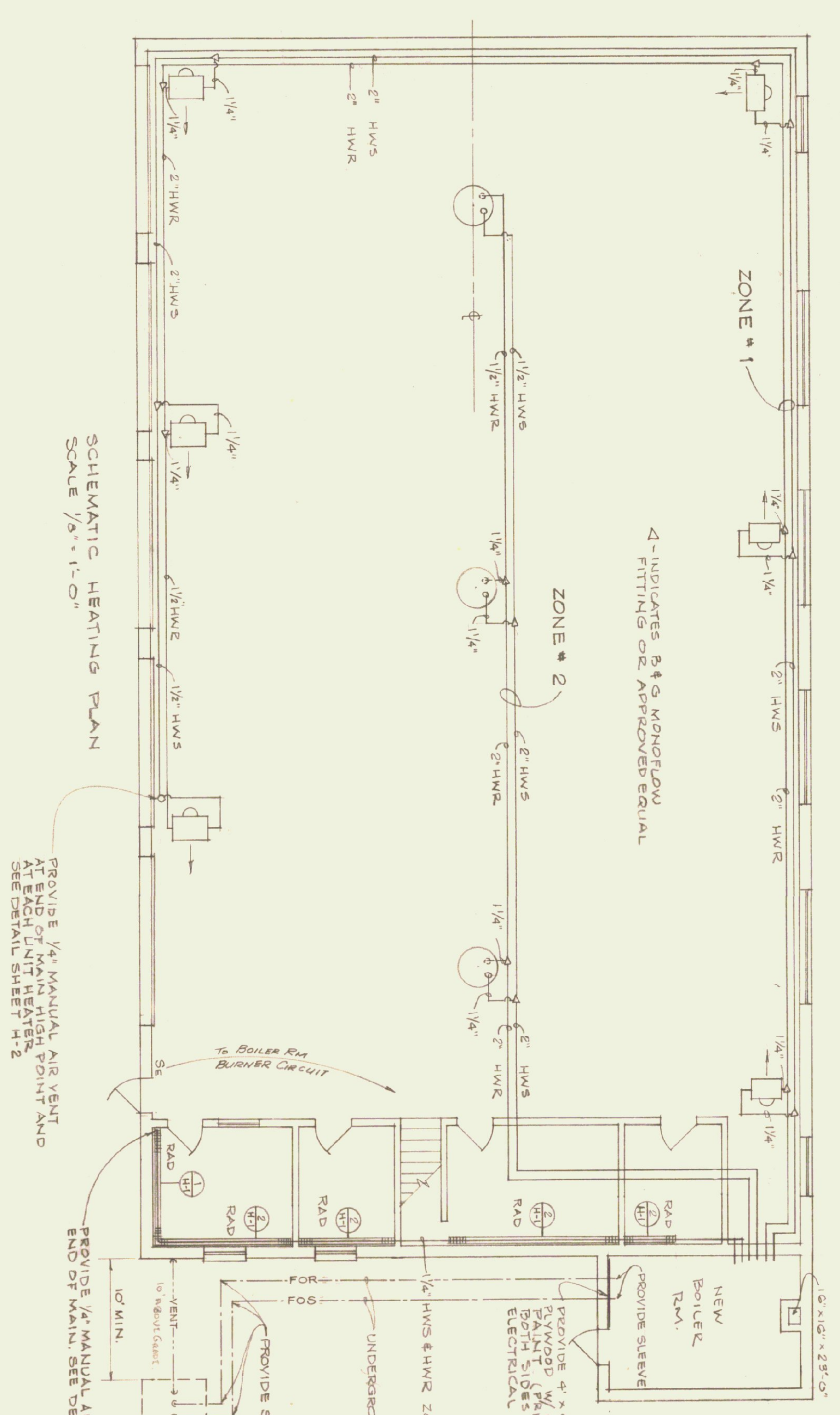
LEGEND

SYMBOL	DESIGNATION	MTG. HT.	MANUF. & CAT. NO.	REMARKS
□	INCAND. LIGHTING FIXTURE W/ SHALLOW DOME REFLECTOR; 200 W LAMP	5'-0"	MILLER AE-3002	W/ SHALLOW DOME REF.
◊	INCAND. DOUBLE FLOODLIGHT; W/ TELESCOPE; 150 W LAMP	5'-0"	GE 4107-1	W/ PHOTOCELL CONTROL
⊕	DUPLEX RECEPTACLE, (GROUNDING) SPECIFICATION GRADE	6'-0"	AH 1992	
⊖	OIL BURNER EMERGENCY SWITCH W/ RED PLATE	4'-0"	AH 1990 SERIES	
⊙	1 POLE QUIET TUMBLER LIGHTING SWITCH	3'-0"	DO.	
⊚	DISCONNECT FOR PUMP #1 W/ MAGNETIC STARTER	6'-0"	DO.	
⊛	DISCONNECT FOR PUMP #2	6'-0"	DO.	
⊜	DISCONNECT FOR PUMP #3	6'-0"	DO.	

BOILER ROOM PANEL SCHEDULE

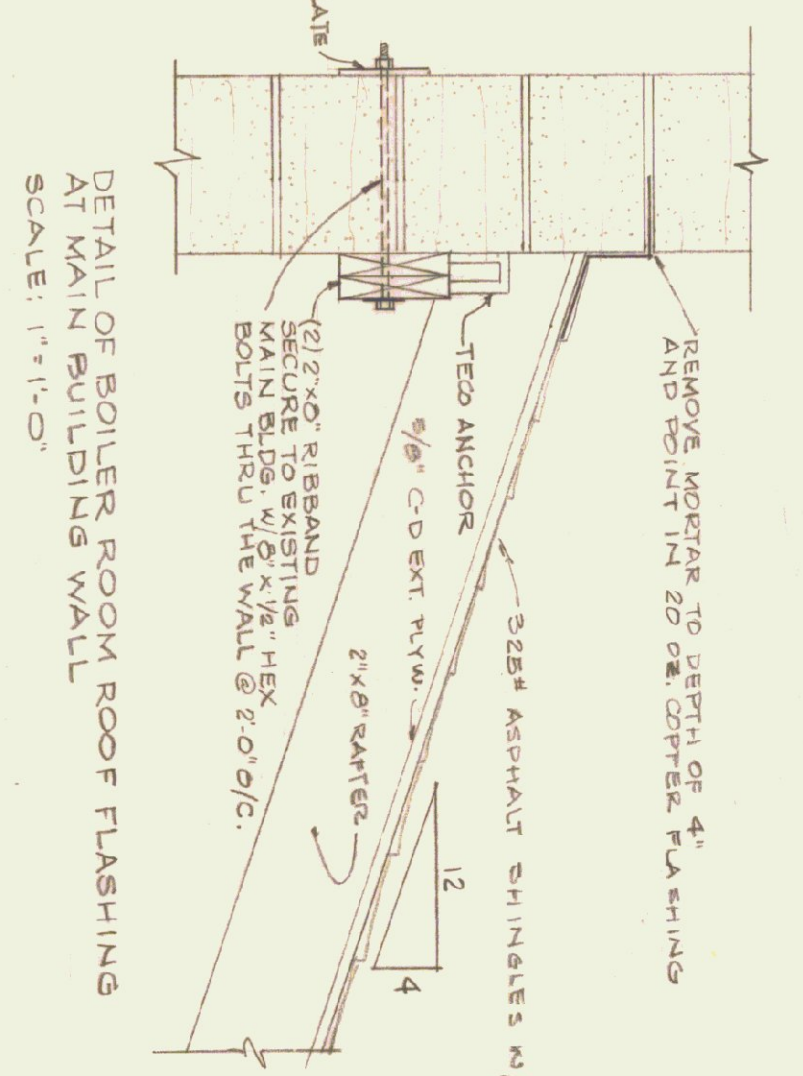
CIR. NO.	BREAKER AMP. POLE	EQUIPMENT SERVED	H.P.	REMARKS
PANEL BRP (120/240 V MAINS W/ 20A DISCONNECT 10000 IOR BREAKERS)				
1	15	1 BURNER	1/4	
2	20	2 PUMP #1	3/4	TR. 11 1/2" 250V W/ MAG. STARTERS & DISCONNECT
3	20	2 PUMP #2	3/4	DO.
4	20	2 PUMP #3	1/2	DO.
5	15	1 OUTLETS IN BOILER ROOM		
6	15	1 BOILER RM. LIGHTING		INSIDE & OUTSIDE
7-10	15	1 SPARES		
11	20	2 SPARES		
12	20	1 SPARE		

NOTE:
1. ALL CIRCUITS FOR UNIT HEATER MOTORS, TO BE FED FROM EXISTING MAIN DISTRIBUTION PANEL IN EXISTING BUILDING. ELECTRICAL CONTRACTOR SHALL RING OUT AND LABEL ALL CIRCUITS USED. PROVIDE DISCONNECT @ EACH UNIT HEATER.
2. NEW ELECTRICAL PANEL BRP TO BE MOUNTED ON 3/4" C-D EXTERIOR 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.)
3. ALL PIPING AND UNIT HEATER INSTALLATION SHALL CLEAR OVERHEAD DOOR IN OPEN POSITION.



SCHEMATIC HEATING PLAN
SCALE: 1/2" = 1'-0"

NOTE:
1. FOR BOILER PIPING DETAILS SEE SHEET H-2
2. ZONES #1 & #2 INSTALL PIPING THROUGH WALL FROM EXTERIOR TO MAIN BUILDING THROUGH WALL AT HIGH POINT OR LOW POINT (FIN. TUBE RADIATION HEIGHT)
3. PROVIDE 1/4" x 2 1/2" x 3/8" C-D BOLT. PAINT (PRIMER & FINISH COAT) BOTH SIDES & EDGES FOR ELECTRICAL BONES & SWITCHES.
4. INDICATES 3/4" APPROX. EQUAL FITTINGS OR APPROVED EQUAL



DETAIL OF BOILER ROOM ROOF FLASHING
SCALE: 1" = 1'-0"

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

**RENOVATION OF HEATING SYSTEM AT THE
DEPT. OF HIGHWAYS GARAGE, WHITE RIVER JCT, VERMONT
HEATING PLAN**

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