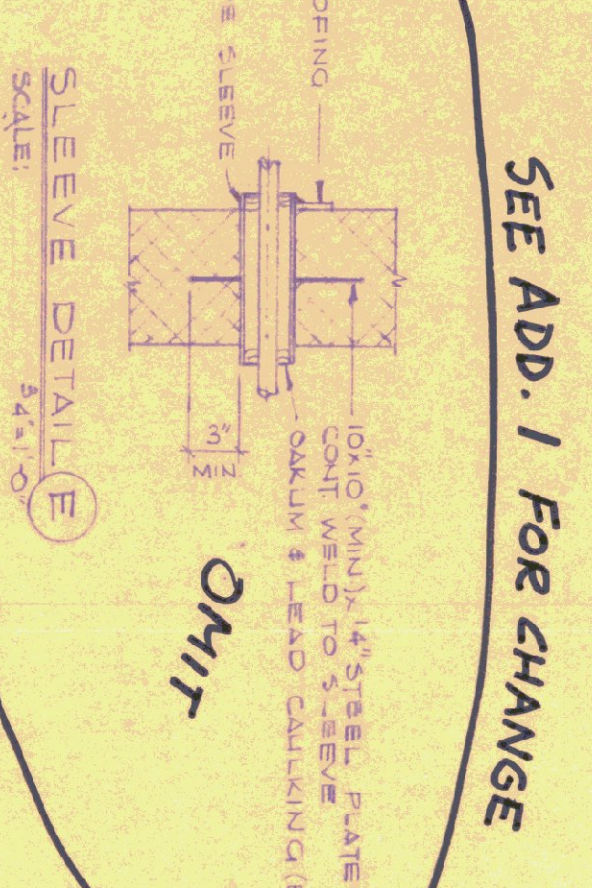
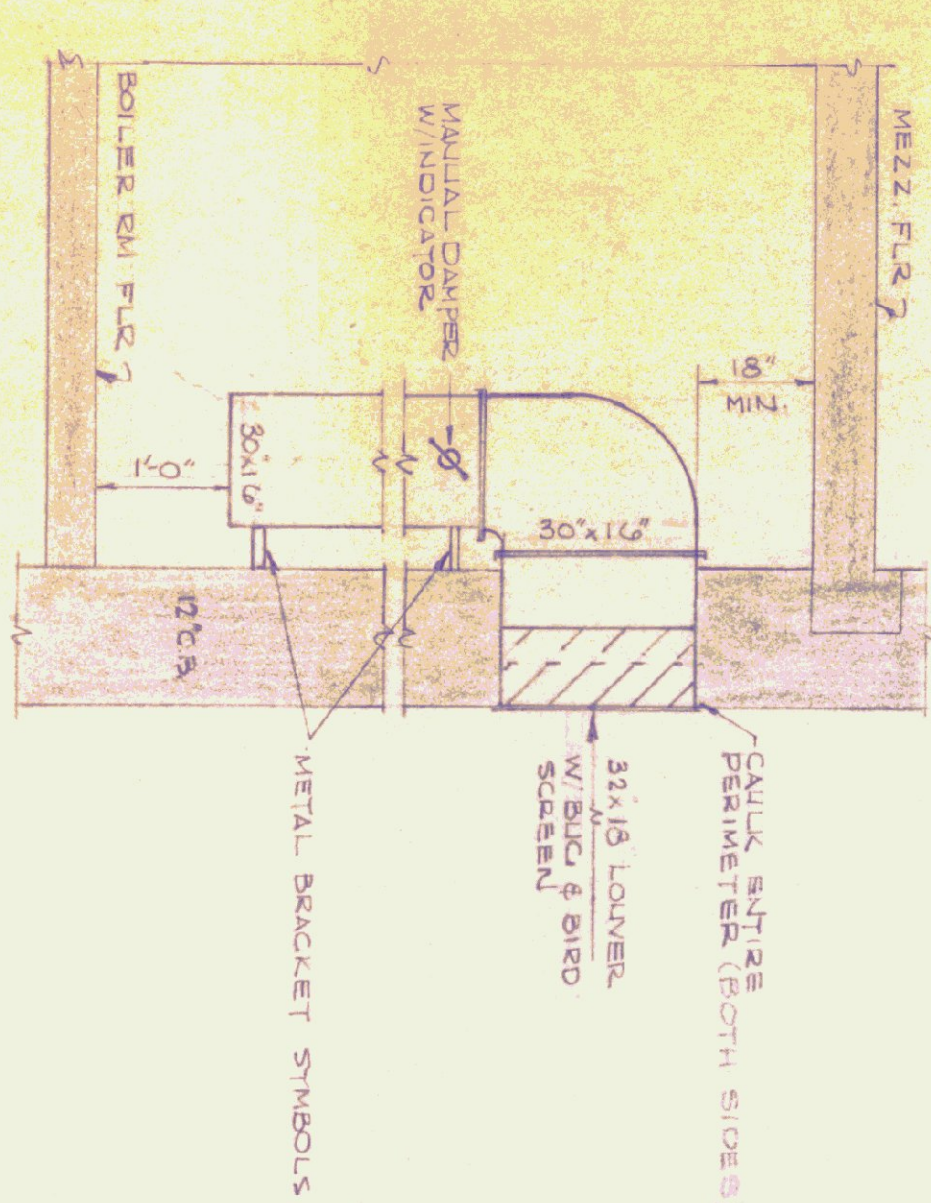
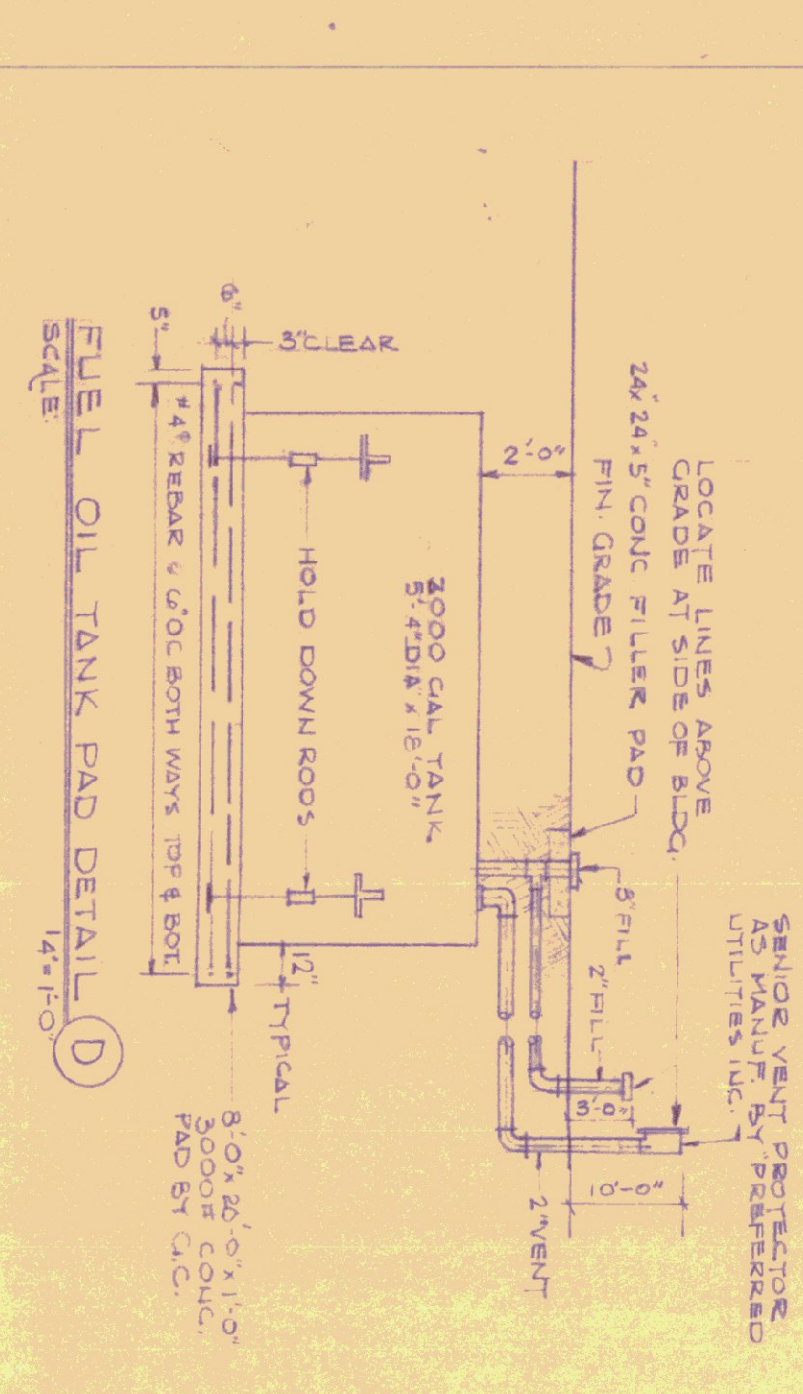
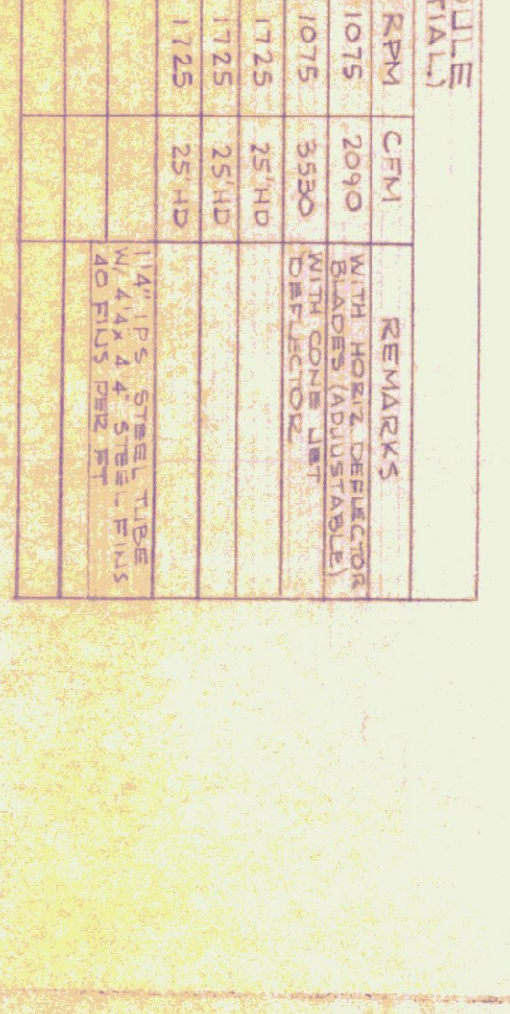
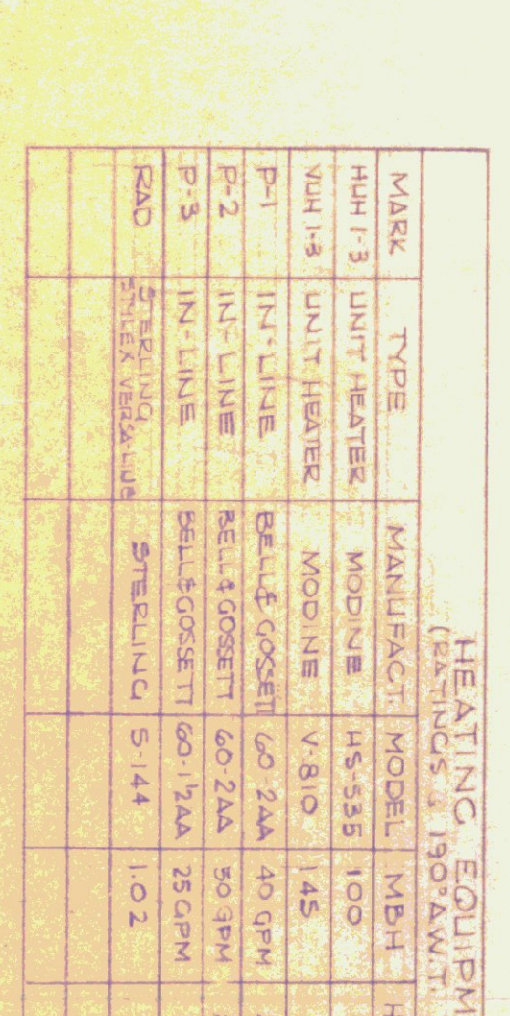


BOILER RM FLOOR PLAN
SCALE: 3/4"=1'-0"

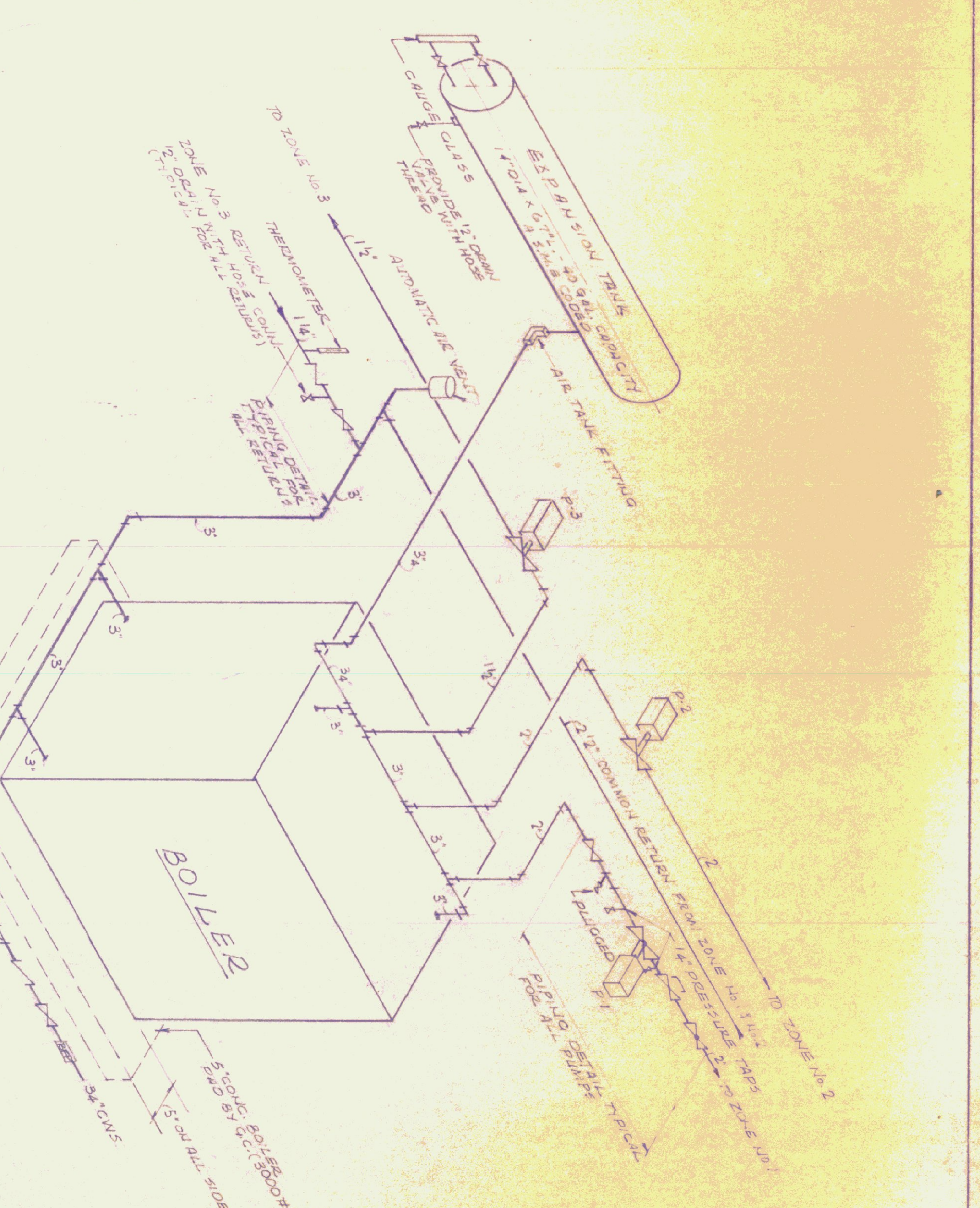


HEATING EQUIPMENT SCHEDULE
(BASED ON 1907 A.W.C. W/20% DEFERENTIAL)

MARK	TYPE	MANUFACT. MODEL	MBH	HP	DISCHARGE	RPM	CFM	REMARKS
HUH-13	UNIT HEATER	MODINE	HS-535	100	1/4"	1075	2910	WITH HOSE CONNECTION
HUH-14	UNIT HEATER	MODINE	V-810	145	1/4"	3590	3590	WITH HOSE CONNECTION
P-1	IN-LINE	BELLE COSETT	60 ZAA	40 GPM	3/4"	1725	25140	WITH HOSE CONNECTION
P-2	IN-LINE	BELLE COSETT	60 ZAA	50 GPM	3/4"	1725	25140	WITH HOSE CONNECTION
P-3	IN-LINE	BELLE COSETT	60 ZAA	80 GPM	1/2"	1725	25140	WITH HOSE CONNECTION
RND	STEEL VERTICAL	SPRINGING	S-144	10.2				1/4" x 1/2" STEEL TUBE



NOTE: WHEN ALTERNATE #1 (CONC. DOUBLE THE ROOF) IS USED THE CHIMNEY WILL BE CONSTRUCTED ON THE EXTERIOR BUILDING WALL. ALL MECHANICAL CONTRACTOR SHALL MAKE ALL NECESSARY ADJUSTMENTS TO THE BREACHING PIPING, ETC. TO ACCOMMODATE THIS CHANGE.



GENERAL NOTES

1. CONTRACTOR SHALL SUBMIT DATA & CUTS OF EQUIPMENT FOR APPROVAL PRIOR TO ORDERING MATERIAL.
2. ALL PIPING IS SCHEMATIC. CONTRACTOR SHALL CO-ORDINATE HIS WORK WITH OTHER TRADES.
3. NOTES ON ALL NEW UNIT HEATERS SHALL BE TOTALLY ENCLOSED FRAME CONSTRUCTION WITH PRELIMINARY OVERLOAD PROTECTION.
4. HEATING CONTRACTOR SHALL PROVIDE SERVICE SWITCH AT EACH UNIT HEATER.
5. SEE SITE PLAN FOR LOCATION OF BURIED OIL TANK.
6. ALL WATER SUPPLY PIPING ABOVE FLOOR SLAB ELEVATION SHALL BE INSULATED. INSULATION SHALL BE 1" MIN.
7. ALL HEATING PIPING IN THE BOILER RM MAIN BUILDING & THERM SLEEVES SHALL BE INSULATED AND THE INSULATION PAINTED.
8. EACH CIRCULATING PUMP SHALL HAVE BUILT-IN THERMAL OVERLOAD PROTECTION.
9. EACH UH SHALL HAVE AN AQUASTAT CONTROL TO PREVENT THE FAN FROM OPERATING BELOW A MINIMUM TEMPERATURE. THE FAN SHALL BE STOPPED BY THE AQUASTAT. THE FAN SHALL SWITCH FANS OFF WHEN HEAT DEMAND IS SATISFIED. ALL PUMPS SHALL BE DATED TO OPERATE ON 120V/1PH/3W UNLESS OTHERWISE SPECIFIED OR INDICATED.
10. PROVIDE ONE OIL BURNER SAFETY SWITCH OUTSIDE OF BOILER RM DOOR.
11. PROVIDE ONE OIL BURNER SAFETY SWITCH AT MAIN ENTRANCE OF MAIN BUILDING AT MAIN DOOR.
12. BOILER RM FINISHED FLOOR TO BE SAME ELEV. AS MAIN BUILDING FLOOR. BUT SHALL BE PROVIDED TOWARD DRAIN.
13. CONCRETE BOILER PAD SHALL BE LEVEL (BY C.C.)
14. PIPING FOR FUEL OIL SUPPLY AND RETURN OIL FILL AND VENT SHALL BE SCHEDULES 40 BLACK STEEL AS PER ASTM A 210 W/WALLABLE IRON SCHEDULE FITTINGS.
15. HEATING CONTRACTOR SHALL SET SLEEVES AND HANGER SUPPORTS IN BOILER RM CONCRETE ROOF SLAB BEFORE POURING OF SLAB. ALL OPENINGS THRU CONCRETE ROOF SLAB AND WALLS SHALL BE SEALED AFTER PIPING IS INSTALLED.

STATE OF VERMONT
DIVISION OF STATE BUILDINGS
 AGENCY OF ADMINISTRATION

MONTPELIER, VERMONT

Standard Highway Garage Building
BOILER ROOM

FLOOR PLAN & SELECTED DETAILS
 SCALE: AS NOTED

DATE: 10/18/74
 DRAWN BY: GUS MASTRO
 DESIGNED BY: GUS MASTRO
 APPROVED BY: [Signature]

REVISIONS: 10-17-77 FROM REVISIONS G-100-100-74-15

DATE: 10/18/74
 DWG. NO. H 2
 2 OF 2