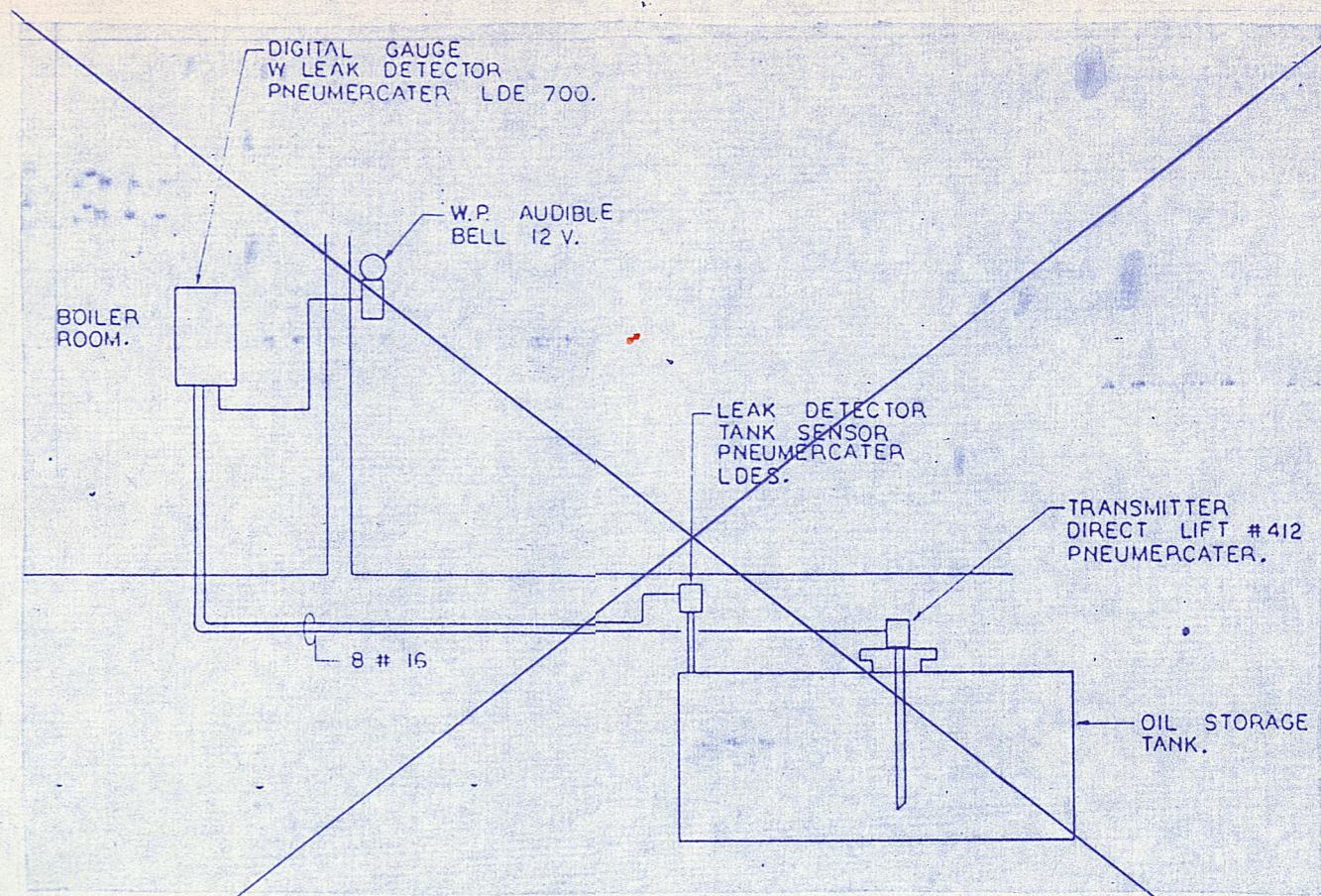
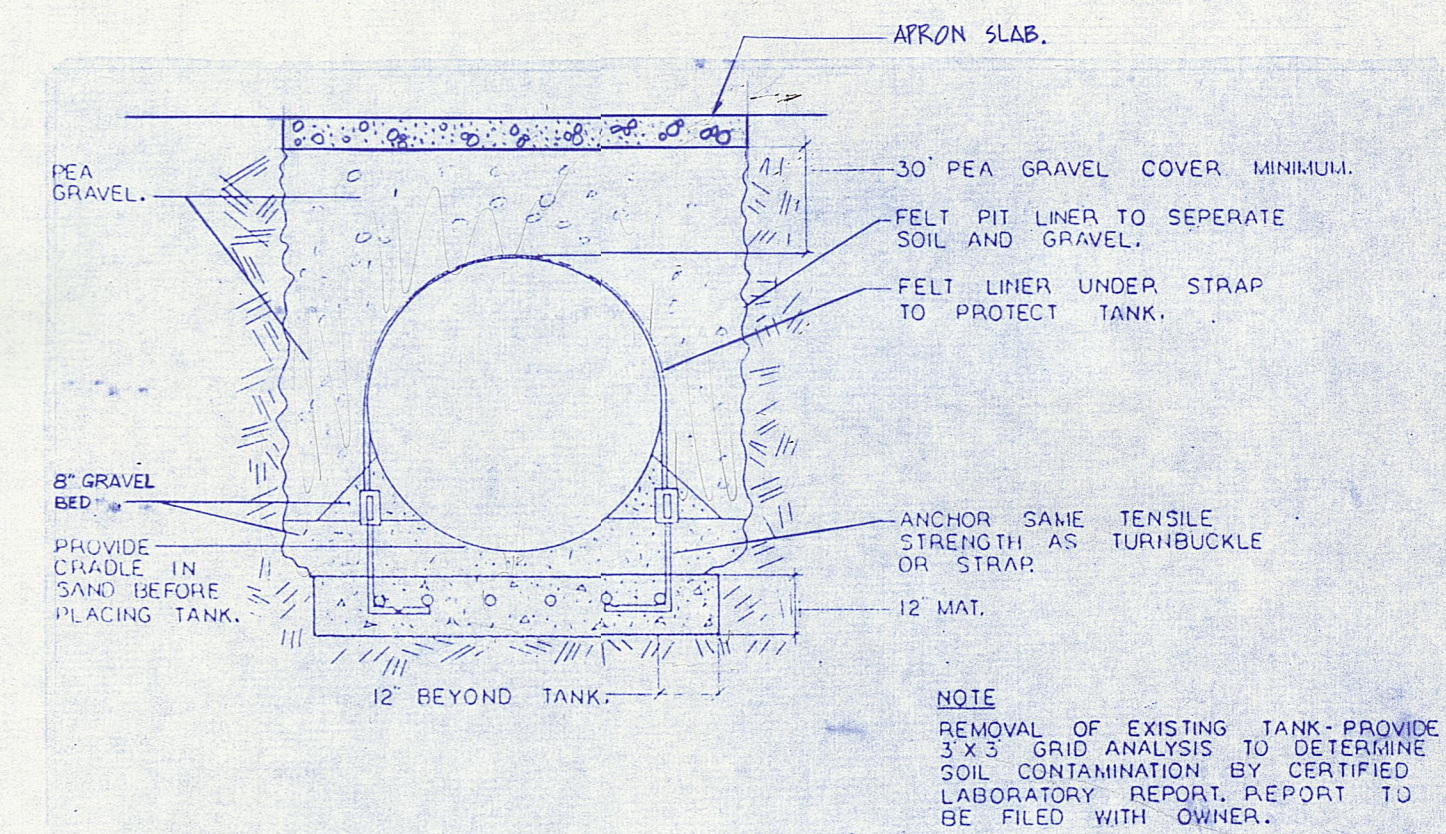
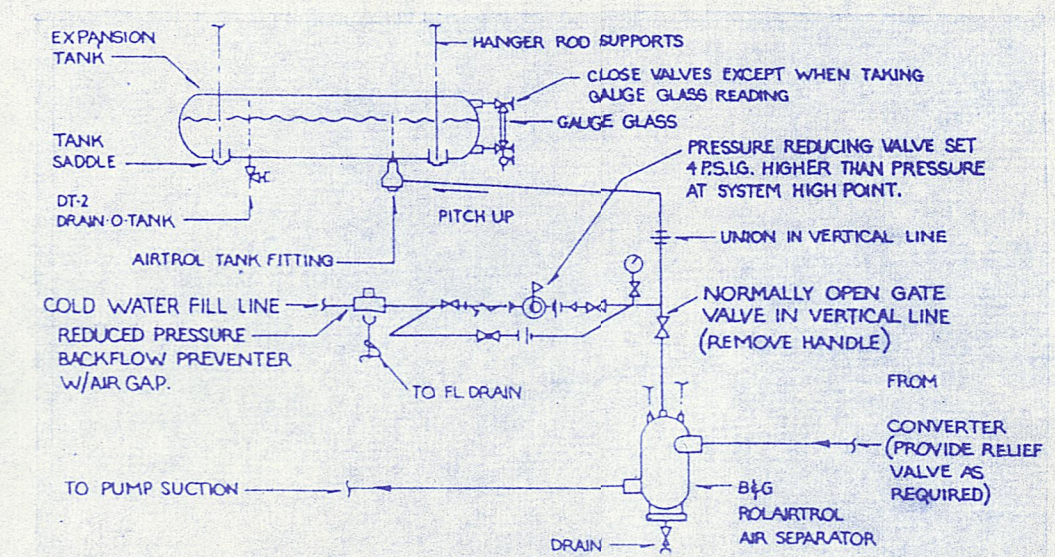




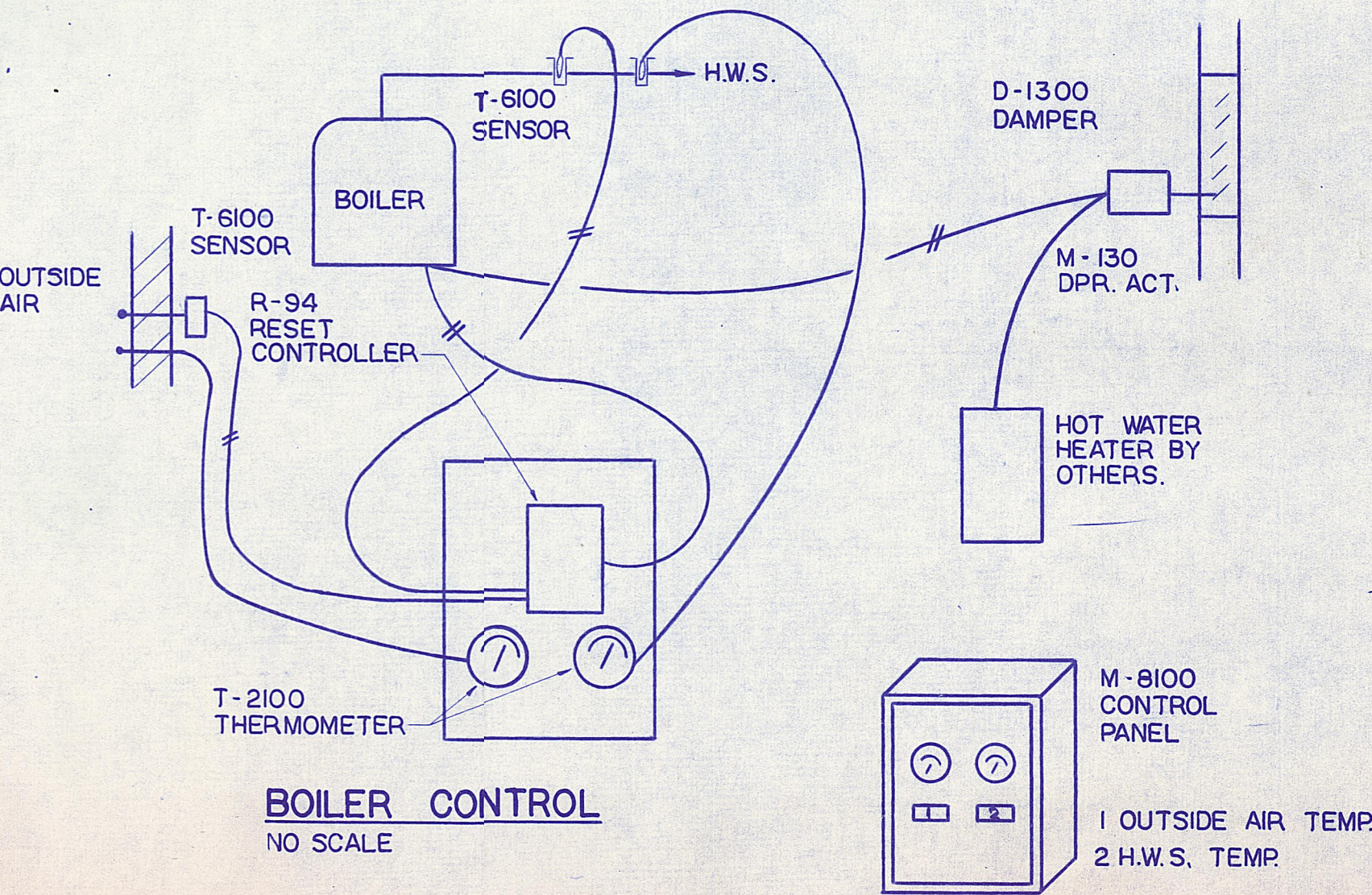
DETAIL SHOWING GAUGE AND LEAK DETECTORS
ARRANGEMENT
NO SCALE



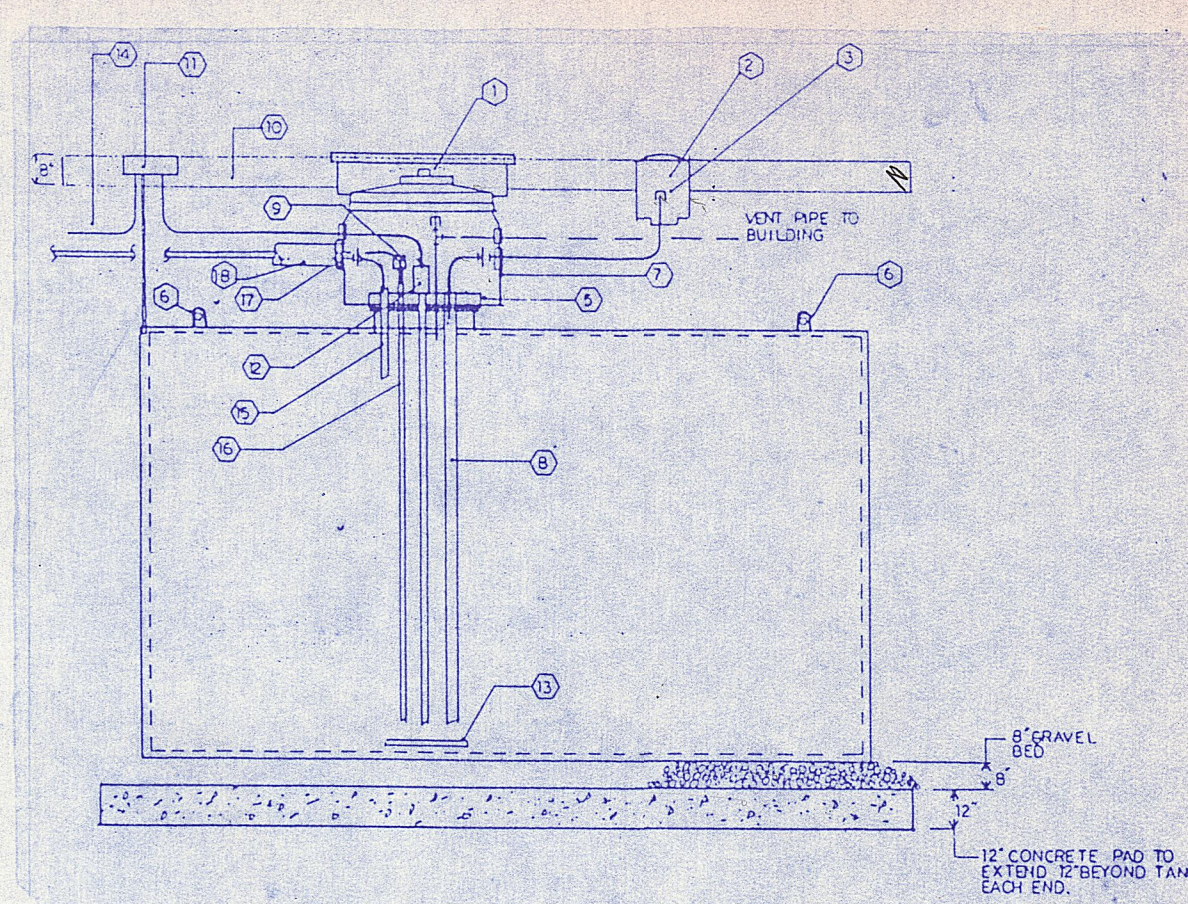
DETAIL SHOWING BURIAL AND ANCHOR METHOD
NOT TO SCALE



TYPICAL DETAIL
EXPANSION TANK CONNECTIONS
NO SCALE

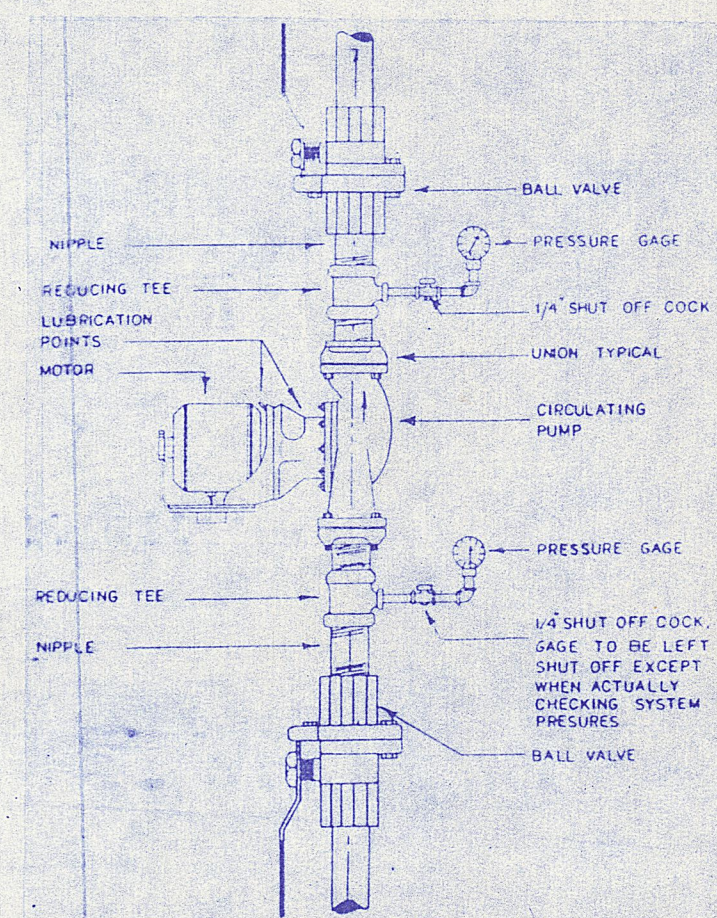


BOILER CONTROL
NO SCALE

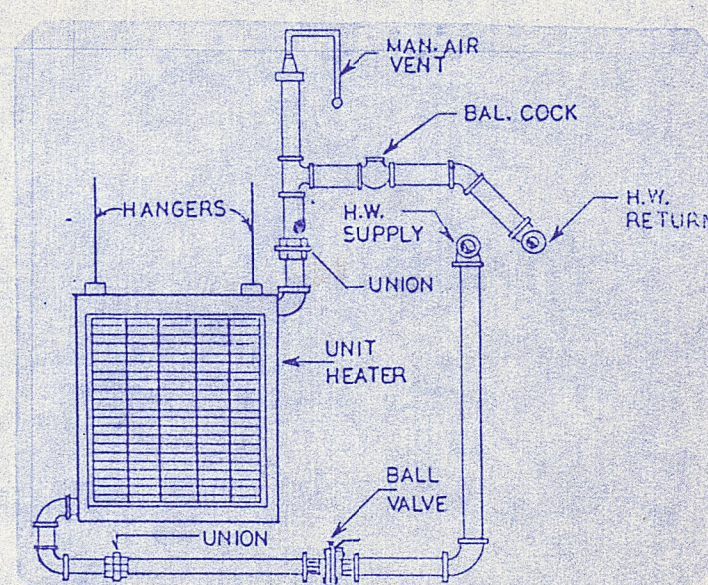


- 36" HD ROUNDED UNIVERSAL MODEL 68-3610 FOR H-20 HIGHWAY LOADING.
- SPILL CONTAINMENT HANDBOOK UNIVERSAL 70CD-12"x12".
- 4" TID LOCKING CAP UNIVERSAL 714C-40.
- STICK GAUGE WITH CAP.
- DOUBLE TAP BUSHING TO SUIT PROPER PIPE SIZE.
- LIFTING EYES.
- 36" DIA. SUMP RISER GR-936 WITH GASKETED MANNY.
- DROP TUBE, UNIVERSAL 723-6015-4".
- ANCHOR VALVE.
- 8" x 6" x 8" 24" POS. AND 1-1" FOR
- LEAK DETECTOR TANK SENSOR LDE8.
- W.P. AUDIBLE BELL 12V.
- 2"x2" STRIKE PLATE.
- 3" CONDUIT 8416 WIRES.
- RETURN LINE INTO TANK 12"
- PROVIDE STEEL PIPE ON SECTION.
- PROVIDE ALL NECESSARY GROMMETS SUITABLE FOR PIPING AND CONDUIT.
- P.V.C. CONTAINMENT PIPE PITCH UP TO BUILDING.
- TYPE "M" COPPER TUBING SUPPLY AND RETURN PIPING 1/2" DIA. AND 1/2" DIA.

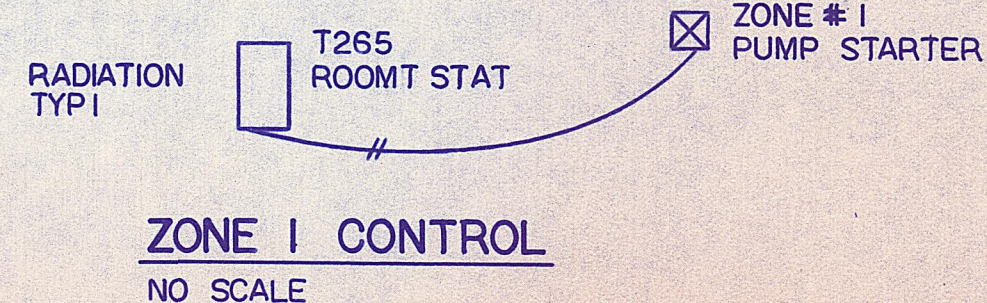
OIL STORAGE TANK
NO SCALE



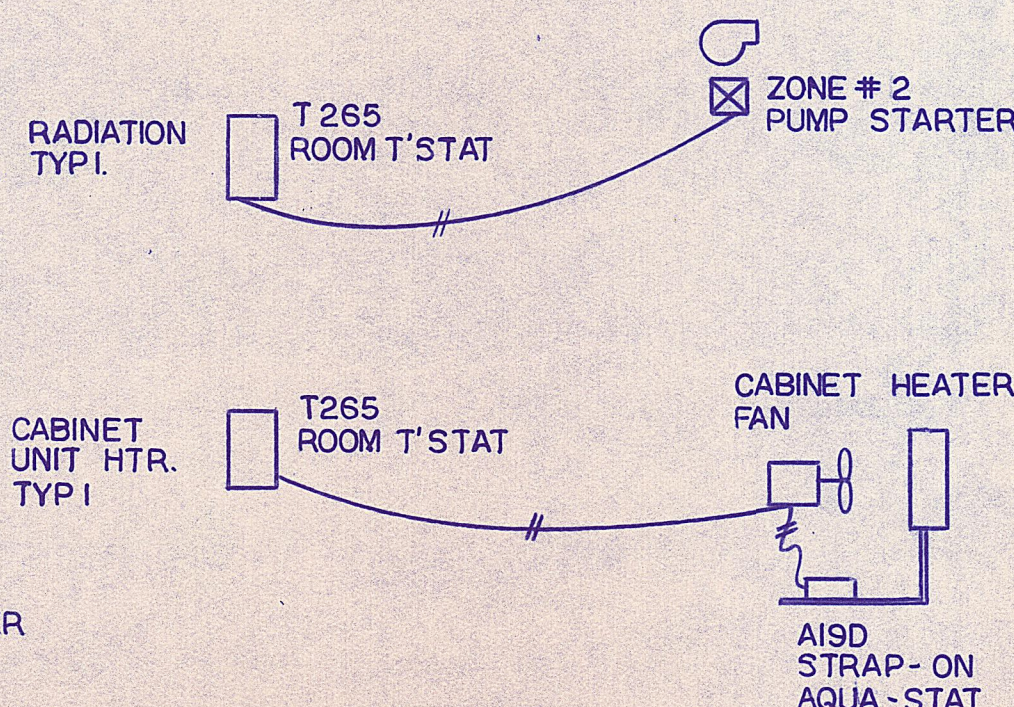
INSTALLATION DETAILS OF LINE
CIRCULATING PUMP
NO SCALE



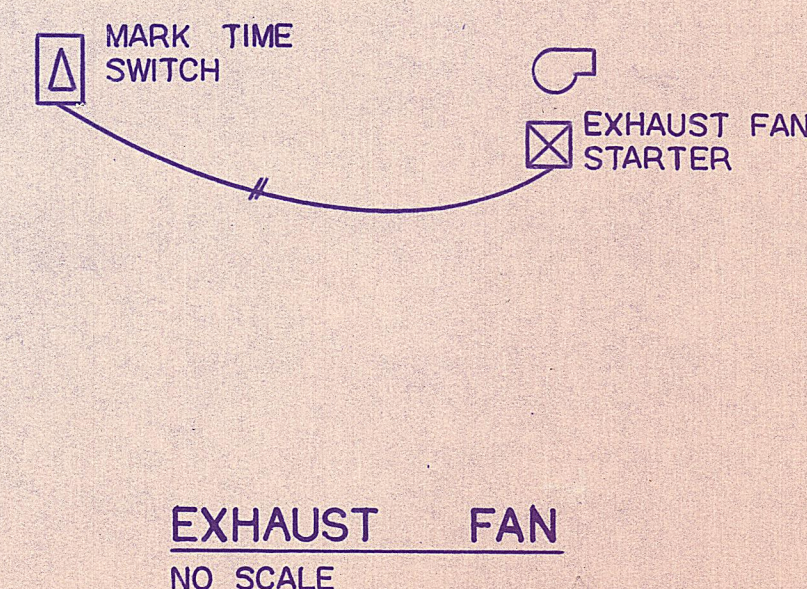
TYPICAL UNIT HEATER
ARRANGEMENT
NO SCALE



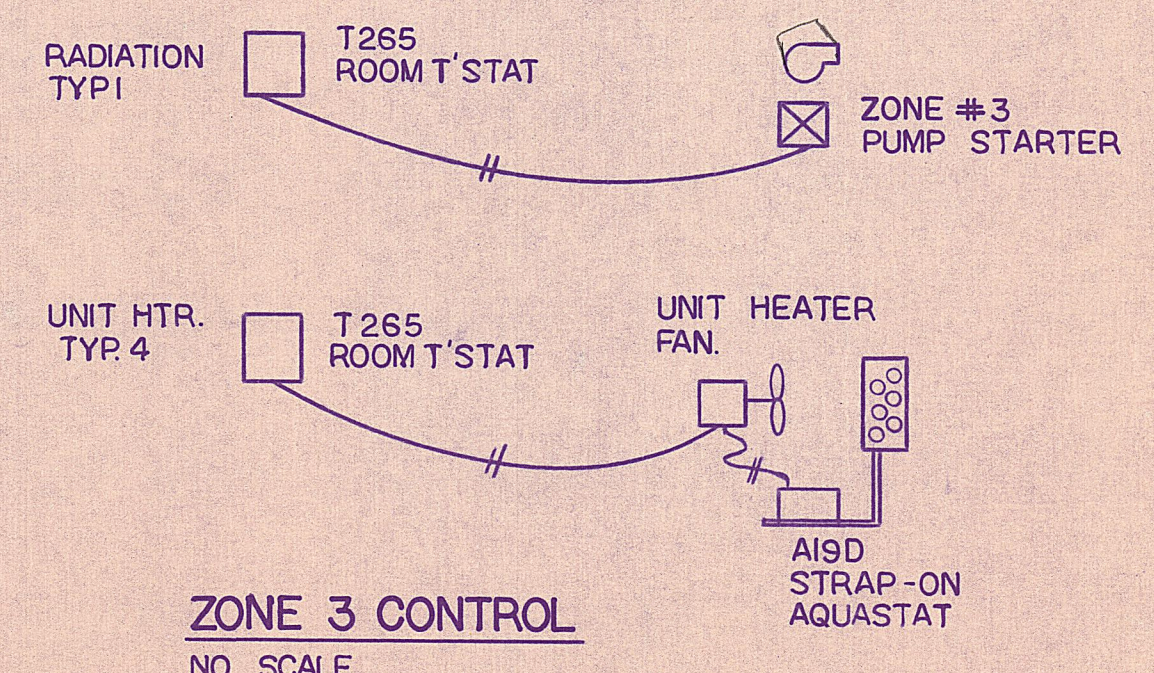
ZONE 1 CONTROL
NO SCALE



ZONE 2 CONTROL
NO SCALE



EXHAUST FAN
NO SCALE



ZONE 3 CONTROL
NO SCALE

COMM. NO. 90-250

SPLIT SYSTEM - ALTERNATE																											
GENERAL			AIR HANDLER														CONDENSER										
UNIT NO.	AREA SERVED	MANUF.	MODEL	CFM	ESP	RPM	HP	V	PH	TMBH	SMBH	TONS	EDB	EWB	AMB	REFRIG.	UNIT NO.	MANUF.	MODEL	AMB	AIR	MBH	TONS	HP	V	PH	REMARKS
AMU-1	TRAINING BUNK ROOM READY ROOM	TRANE	TTE-120B	3600	1.00	1725	2	208	1	121	83.8	10	80 DEG.F.	67 DEG.F.	95 DEG.F.	R-22	COND 1 COND. 2	TRANE	TTB 760A	95	56	5	1/3	208	1	1,2,	

REMARKS:
1-UNIT MANUFACTURER TO PROVIDE SPRING ISOLATORS.
(8005 BY OTHERS).
2-T.C.C. TO PROVIDE WALL MOUNTED THERMOSTAT.

AIR SEPARATOR

BELL & GOSSETT ROLAIRTROL AIR SEPARATOR
MODEL RL-2 1/2", 90 GPM
MAXIMUM WORKING PRESSURE 125 PSIG.
MAXIMUM WORKING TEMPERATURE 350 DEG.F.

COMPRESSION TANK

BELL & GOSSETT COMPRESSION TANK
24 GAL. TANK WITH ATF - 12 AIRTROL TANK FITTING
MAXIMUM WORKING PRESSURE 125 PSIG.
MAXIMUM WORKING TEMPERATURE 350 DEG.F.

CABINET UNIT HEATER SCHEDULE														
UNIT NO.	AREA SERVED	MANUFACTURER	MODEL	CFM	MBH	GPM	EWT	WTD	WPD	RPM	HP	PH	VOLTS	REMARKS
CUR-1	ENTRY	TRANE	H-46A003	320	24.2	1.00	200	42	.28	1100	1/20	1	115	1

REMARKS:
1-T.C.C. TO PROVIDE WALL MOUNTED THERMOSTAT.

UNIT HEATER SCHEDULE														
UNIT NO.	AREA SERVED	MANUF.	MODEL	CFM	MBH	GPM	EWT	WTD	WPD	RPM	HP	PH	VOLTS	REMARKS
UH-1	APPARATUS ROOM	TRANE	UHSA12642	1661	97.1	10.01	200	20	4.75	1100	1/6	1	115	1
UH-2	APPARATUS ROOM	TRANE	UHSA12642	1661	97.1	10.01	200	20	4.75	1100	1/6	1	115	1
UH-3	APPARATUS ROOM	TRANE	UHSA12642	1661	97.1	10.01	200	20	4.75	1100	1/6	1	115	1
UH-4	APPARATUS ROOM	TRANE	UHSA12642	1661	97.1	10.01	200	20	4.75	1100	1/6	1	115	1

REMARKS:
1-T.C.C. TO PROVIDE WALL MOUNTED THERMOSTAT.

RADIATION SCHEDULE	
TYPE	DESCRIPTION
TYPE "A"	STERLING, HI-PACK COMMERCIAL/INSTITUTIONAL HIGH CAPACITY BASEBOARD RADIATION. PROVIDE WITH BACKPLATE AND ALL NECESSARY ACCESSORIES. 1 1/4" C.U. TUBE, 2 3/4" X 5" ALUM., FIN SIZE, .020 FIN GAUGE, 50 FIN/FT. 1070 BTU/FT. AT 190 DEG. AWT AND 65 DEG. EAT.
TYPE "B"	STERLING, VERSA-LINE COMMERCIAL FINNED-TUBE RADIATION, STYLE "X". PROVIDE WITH ALL NECESSARY ACCESSORIES. 1 1/4" C.U. TUBE, S143, 3 1/4" SQ. FIN SIZE, .024" FIN GAUGE, 40 FIN/FT., 800 BTU/FT. AT 190 DEG. AWT, AND 65 EWT.
TYPE "C"	KINGSTON KICK-SPACE HYDRONIC HEATER. MODEL KKH-14, 200 DEG. EWT, 1 GPM, 9810 BTU, 115 V., 2800 RPM.

EXHAUST FAN SCHEDULE											
FAN NO.	AREA SERVED	TYPE	MANUFACTURER	MODEL	CFM	SPM	RPM	HP	PH	VOLTS	REMARKS
EX-1	APPARATUS ROOM	SIDE WALL PROPELLER	GREENHECK	SPN-24	3628	1/5	720	1/3	1	115	1,2
EX-2	APPARATUS ROOM	SIDE WALL PROPELLER	GREENHECK	SPN-24	3628	1/5	720	1/3	1	115	1,2
EX-3	TOILET ROOM	CENTRIFUGAL ROOF EXHAUSTER	GREENHECK	G-130-B	889	1/2	1140	1/6	1	115	1,2,3,4,5
EX-4	TRAINING ROOM	CENTRIFUGAL ROOF EXHAUSTER	GREENHECK	G-160-B	2135	3/8	1140	1/3	1	115	1,2,3,4,5
EX-5	BUNK & READY ROOM	CENTRIFUGAL ROOF EXHAUSTER	GREENHECK	G-130-B	889	1/2	1140	1/6	1	115	1,2,3,4,5

REMARKS:
1-PROVIDE WITH BIRD SCREEN.
2-PROVIDE WITH GRAVITY BACKDRAFT DAMPER.
3-PROVIDE REMOTE SPEED CONTROL.
4-PROVIDE ROOF CURB.
5-PROVIDE UNIT MOUNTED DISC. SWITCH.

PUMP SCHEDULE												
PUMP NO.	AREA SERVED	TYPE	MANUFACTURER	SERIES	SIZE	GPM	HEAD	RPM	HP	VOLTS	PH	REMARKS
P-1	ZONE-1	IN-LINE CIRCULATING	BELL & GOSSETT	PR	1 1/2"	13.3	11.0	1750	1/6	115	1	
P-2	ZONE-2	IN-LINE CIRCULATING	BELL & GOSSETT	PR	1 1/4"	8.0	13.0	1750	1/6	115	1	
P-3	ZONE-3	IN-LINE CIRCULATING	BELL & GOSSETT	60	1 1/2" AA	41.0	20.0	1750	1/2	115	1	

PACKAGED TERMINAL AIR CONDITIONER - ALTERNATE											
UNIT NO.	AREA SERVED	MANUF.	MODEL	CAPACITY	EDB	EWB	AMB	WATTS	VOLTS	PH	REMARKS
PTAC-1	CHIEF	TRANE	PTEB-09	8500	80	67	95	885	208	1	
PTAC-2	WATCH	TRANE	PTEB-09	8500	80	67	95	885	208	1	
PTAC-3	OFFICE	TRANE	PTEB-12	12500	80	67	95	1400	208	1	

REMARKS:
1-UNIT MANUFACTURER TO PROVIDE STANDARD SUBBASE.
2-UNIT MANUFACTURER TO PROVIDE ARCHITECTURAL GRILLE, COLOR BY ARCHITECT.
3-UNIT MANUFACTURER TO PROVIDE DRAIN KIN.
4-INSTALL UNITS ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.

alan c. wiede
architect
90 SOUTH ROAD
BOLTON, CT

GIRARD & COMPANY
STRUCTURAL ENGINEERS
HARTFORD, CT
BEMIS & SIPALA
MECHANICAL ENGINEERS
HARTFORD, CT
DATUM ENGINEERING
PROFESSIONAL ENGINEERS
MANSFIELD, CT

REVISIONS

DATE
4-16-90
DRN WAB
CKD PDB.
JOB NO.
8809

PUBLIC SAFETY COMPLEX
ANDOVER, CONNECTICUT
SCHOOL ROAD
DETAILS: SCHEDULES, TEMPERATURE CONTROLS

H-2