

GAS FIRED RADIANT HEATER SCHEDULE

NO.	MAKE AND MODEL NO.	INPUT BTUS	MFG. HGT.	OVERALL LENGTH	ELECTRICAL SUPPLY	FLUE ANGLE	MFG. ANGLE	REMARKS
1	LM-S	60,000	11'	43'	120V CONTROL	40°	45°	
2	LM-S	60,000	13 1/2'	23'		40°	45°	
3	LM-S	50,000	12'	33'		40°	45°	
4,5,6	LM-S	40,000	12'	23'		40°	45°	
7	LM-S	50,000	11'	33'		40°	45°	
8,9	LM-S	40,000	12'	23'		40°	0°	
10	LM-U	50,000	12'	13'		40°	45°	

- NOTES:
- ALL UNITS TO BE SUPPLIED W/ COMBUSTION AIR DUCTS SCHED 40 4\"/>

FIN TUBE RADIATION SCHEDULE

NO.	MAKE & MODEL NO.	PIPE ELEMENT	ENCLOSURE	CAPACITY/FT. AT 180-180°F	REMARKS
R-1	YUDAN LINDEN	1" S	4 1/4-40 SLOPE	1020	WITH KNOB TYPE DAMPER-1ST FL ONLY
R-2	BAE	2" S	4 1/4-24 MESH COX	800	WITH TYPE CX-41/4 COVER INSTALLED OVER ELEMENT

NOTE: TYPE R-1 RADIATION ON 1ST FLOOR ONLY TO HAVE KNOB TYPE DAMPERS

FAN SCHEDULE

NO.	MAKE & MODEL NO.	GFM	S.P. IN WG	RPM	HP	ELECTRIC SUPPLY	TYPE	REMARKS
1	CARNES LABA-36	5000	1/4"	400	1/2	230-10	BELT	WITH BACKDRAFT DAMPER SEE DETAIL
2	CARNES LABA-36	4000	1/4"	480	1 1/2	230-10	BELT	
3	CARNES LABA-36	4000	3/8"	1050	3	120V	IN LINE	WITH SPEED CONTROLLER INTERLOCK WITH EFF-1 SUPPLY W/MOTORIZED DAMPER
MF-1	CARNES LABA-42	5000	1/4"	400	1/2	230-10	BELT SUPPLY	INTERLOCK WITH EFF-2 SUPPLY W/MOTORIZED DAMPER
MF-2	CARNES LABA-42	4000	1/4"	480	1 1/2	230-10	BELT SUPPLY	

PUMP SCHEDULE

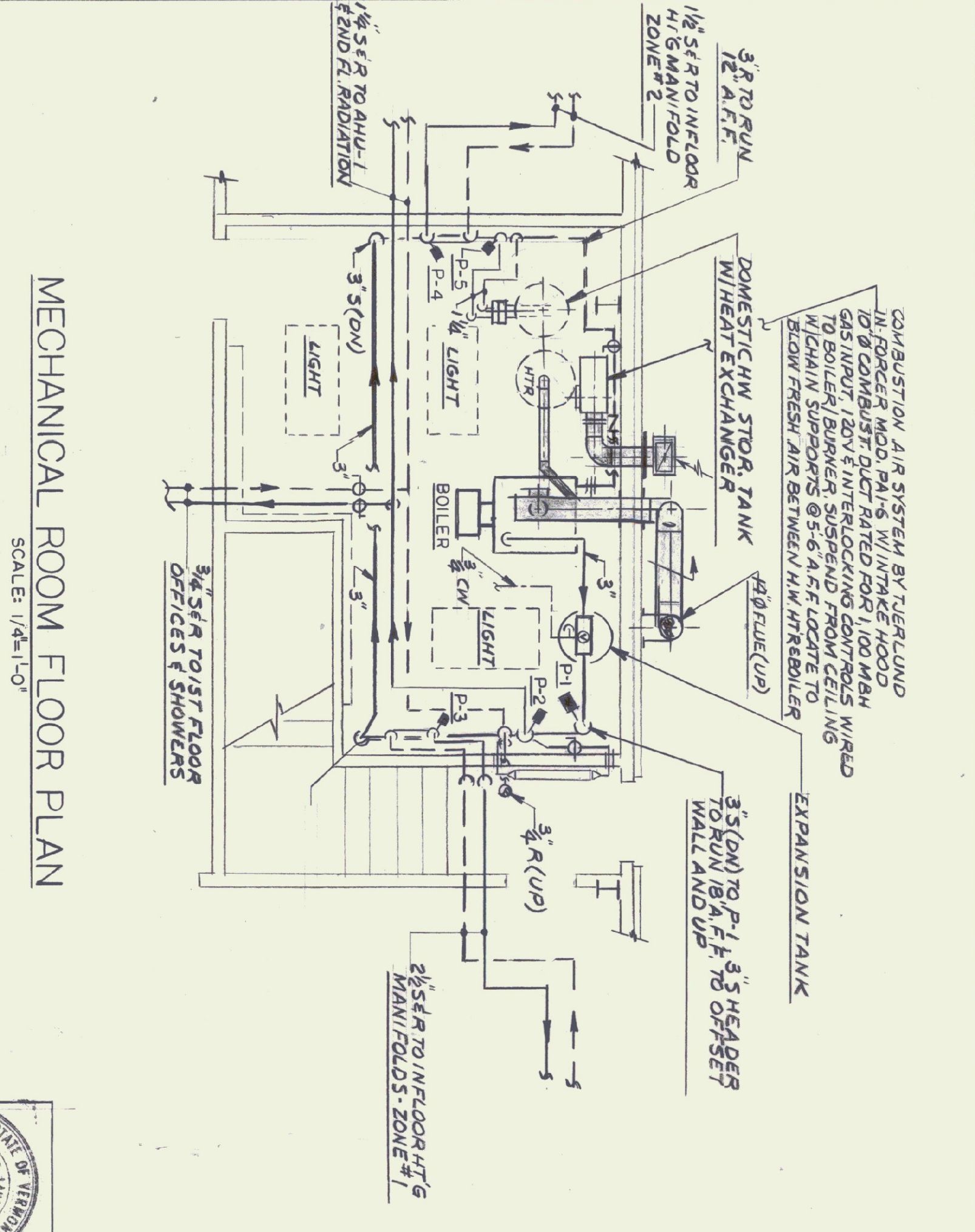
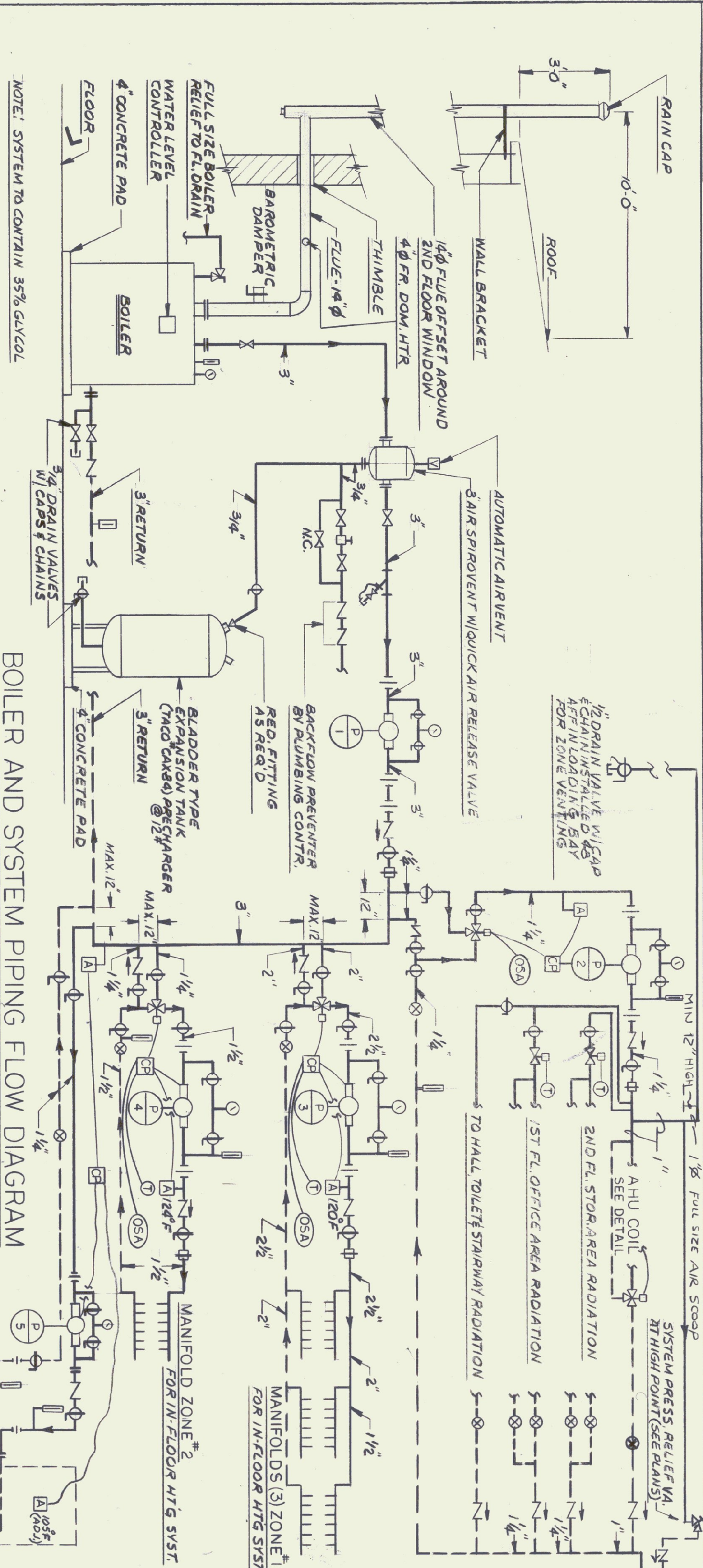
NO.	MAKE & MODEL NO.	GPM	FT. HD	HP	RPM	ELECTRIC SUPPLY	REMARKS
P-1	TACO #131	70	12	1/3	1725	120V-10	MAIN BOILER WATER CIRCULATOR
P-2	#112	9 1/2	18 1/2	1 1/2	1725	120V-10	TO RADIATION & AHU
P-3	SERIES 1600 #1619	40	30	1	1750	230V-10	IN FLOOR HTG SYST ZONE#1
P-4	SERIES 1600 #1615	15	24	1/3	1750	120V-10	IN FLOOR HTG SYST ZONE#2
P-5	#110	7 1/2	6	1/2	1725	120V-10	TO DOMESTIC HOT WATER HEAT EXCHANGER

PUMPS BASED ON 35% GAVCOL IN SYSTEM

HEATING & VENTILATING LEGEND

SYMBOLS USED ARE INDICATED BY A CHECK (✓)

✓	HEATING SUPPLY LINE
✓	HEATING RETURN LINE
✓	S&R SUPPLY & RETURN
✓	M.D. MOTORIZED DAMPER
✓	B.D. BACKDRAFT DAMPER
✓	V.D. VOLUME DAMPER
✓	F.D. FIRE DAMPER
✓	B.S. BIRD SCREEN
✓	AIR SUPPLY
✓	AIR RETURN OR AIR EXHAUST
✓	LOUVER & SIZE 30 FT.
✓	UNDERCUT DOOR & SIZE
✓	TURNING VANE
✓	SPLITTER DAMPER
✓	AIR VENT VALVE
✓	PRESSURE GAUGE
✓	PETER PLUG
✓	THERMOSTAT
✓	GATE VALVE
✓	CHECK VALVE
✓	STRAINER
✓	UNIONS
✓	BALANCING VALVE
✓	SWITCH & PILOT LIGHT
✓	CABINET UNIT HEATER
✓	UNIT HEATER
✓	UP TO FLAT ROOF JACK ON 6" CURB
✓	OCCUPIED / UNOCCUPIED SWITCH
✓	BALL VALVE
✓	OUTSIDE AIR TEMPERATURE SENSOR
✓	WATER TEMP AQUASTAT
✓	CONTROL PANEL
✓	3-WAY CONTROL VALVE
✓	CONTROL VALVE



	<p>AGENCY OF TRANSPORTATION COLCHESTER MAINTENANCE FACILITY CHIMNEY CORNERS VERMONT</p>	<p>STATE OF VERMONT DEPARTMENT OF BUILDINGS AND GENERAL SERVICES AGENCY OF ADMINISTRATION MONTPELIER, VERMONT</p>	<p>DORE AND WHITTIER INC. ARCHITECTS • PROJECT MANAGERS 106 WILSON ROAD, SOUTH BURLINGTON, VERMONT</p> <p>N.F. LAURENCE and ASSOC. INC. 113 WEST MAIN STREET NORTHBOROUGH, MA.</p>
<p>MAINTENANCE GARAGE SCHEDULES & DETAILS</p>	<p>SCALE: AS NOTED DATE: 10/15/99 DRAWN BY: DG APPR. BY: NFL</p>	<p>REVISIONS FINAL 00/11/11 00/11/11</p>	<p>H-2 33 OF 36</p>