EVERETT I. BROWN COMPANY — ARCHITECTS & ENGINEERS
5500 BRADBURY AVENUE — PARK FLETCHER
INDIANAPOLIS — INDIANA

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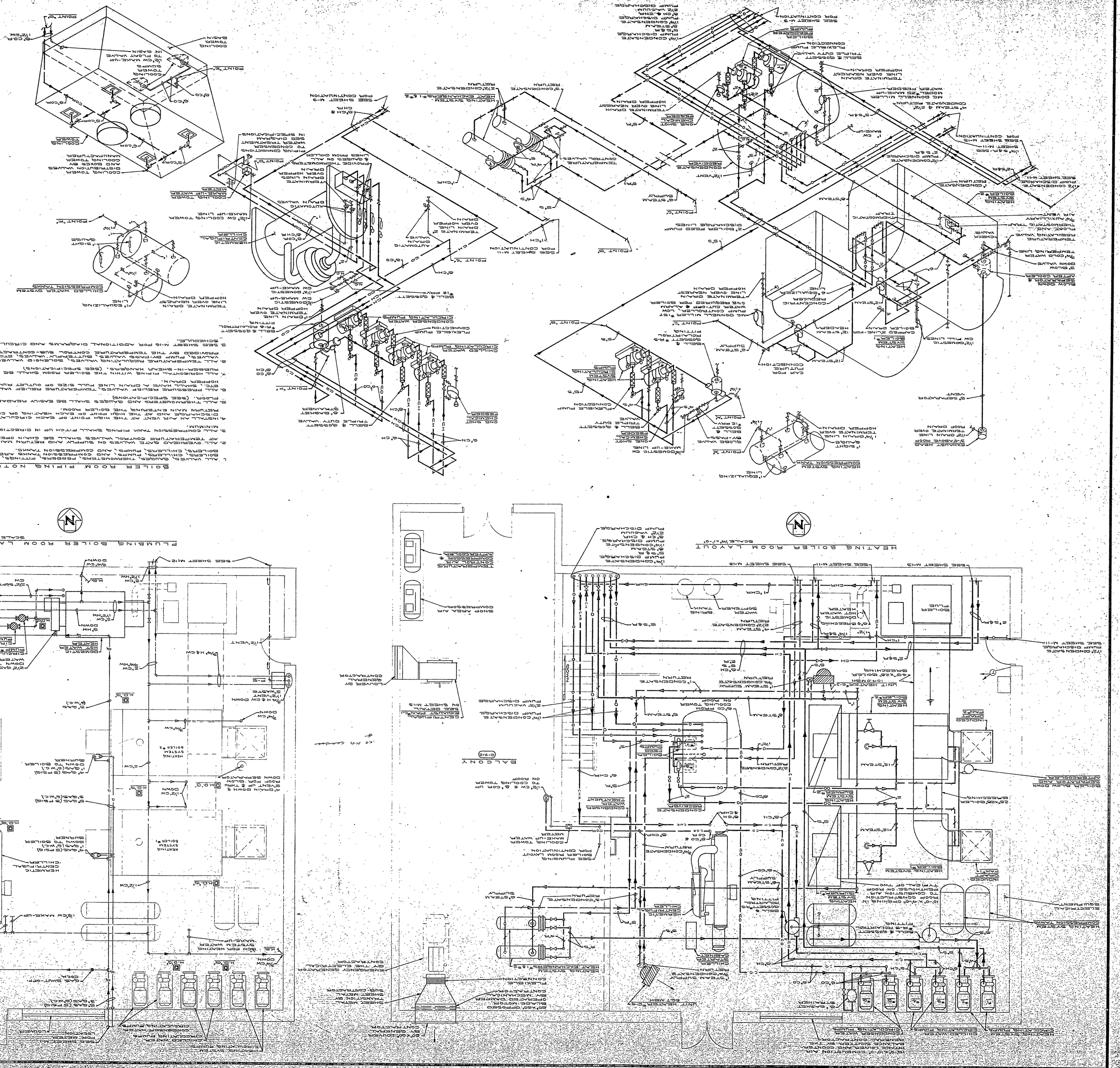
BOILER ROOM EQUIPMENT SCHEDULE

1. HEATING SYSTEM BOILER #1 — REPLACE MODEL# T-251 OR AN APPROVED EQUAL. CERTIFIED OUTPUT TRANSMITTER PROVIDED WITH MODEL# 600 OR AN APPROVED EQUAL. TO BURN 21.000 CUBIC FEET PER HOUR OF OIL SPECIFIC GRAVITY 1.000 BTU. WITH FOUR CAMBUSTION AIR FAN MOTORS, ALBURN MODEL# 600 OR AN APPROVED EQUAL. TO BURN 21.000 CUBIC FEET PER HOUR OF OIL SPECIFIC GRAVITY 1.000 BTU. WITH FOUR CAMBUSTION AIR FAN MOTORS, 1 HP, 460 VOLT, 3 PHASE, 60 CYCLE.
2. HEATING SYSTEM BURNER #1 — PROVIDE VENTURED BOILER BURNER, MODEL# T-251 OR AN APPROVED EQUAL. CAPACITY TO PRODUCE 16.4 GPH (@ 200 PSI) AND 720 PSIG, MOTOR 3 HP, 460 VOLTS, 3 PHASE, 60 CYCLE.
3. SHOP AND SCIENCE AREA AIR COMPRESSOR — PROVIDE MANUFACTURER'S STANDARD, GENERAL CONTRACTOR WITH RUBBER-IN-SHEAR MOUNTED UNIT. SHALL HAVE 60 GALLON HORIZONTAL RECEIVER UNIT SHALL BE MOUNTED ON CONCRETE BASE PROVIDED BY GENERAL CONTRACTOR WITH RUBBER-IN-SHEAR MOUNTS. (SEE SPECIFICATIONS) PROVIDE MANUFACTURER'S STANDARD.
4. HEATING SYSTEM CONDENSATE RECEIVER — PROVIDE MANUFACTURER'S STANDARD, CONSTRUCTED TO SUPPORT ENGINE ASHRE, CONSTRUCTED TO SUPPORT 30 POUNDS WORKING PRESSURE, 24" DIAMETER X 74" LONG (OVERALL) 280 GALLONS ACTUAL CAPACITY EACH. (SEE SPECIFICATIONS)
5. BOILER SHOT CHEMICAL FEEDER — PROVIDE ONE SHOT CHEMICAL FEEDER, AUTOMATIC DRAIN, 3 GALLON CAPACITY, 3 PHASE, 60 CYCLE, 120 VOLTS, 3 PHASE, 60 CYCLE, 3 GALLONS CAPACITY, 120 VOLTS.
6. TEMPERATURE CONTROL AIR COMPRESSOR AND ATTENDANT — PROVIDE MODEL OR AN APPROVED EQUAL. (SEE SPECIFICATIONS)
7. THERMOSTATIC CONTROL SUB-CONTRACTOR, COMPRESSOR MOTOR DATA, 1/2 HP, 1750 RPM, 115 VOLTS, 1 PHASE, 60 CYCLE.
8. SEE SHEET M-16 FOR ADDITIONAL DIAGRAMS AND CIRCULATING PUMP SCHEDULE.
9. SEE SHEET M-16 FOR TEMPERATURE CONTROL SUB-CONTRACTOR.
10. ALL THERMOMETERS, GAUGES, BUTTERFLY VALVES, ETC., SHALL BE PROVIDED BY THE TEMPERATURE CONTROL SUB-CONTRACTOR.
11. ALL HOT-WATER PIPING WITHIN THE BOILER ROOM SHALL BE SUPPORTED ON RUBBER-IN-SHEAR HANGERS. (SEE SPECIFICATIONS)
12. ALL PRESSURE RELIEF VALVES, TEMPERATURE RELIEF VALVES, DRAIN VALVES, PUMP BY-PASS VALVES, BUTTERFLY VALVES, ETC., SHALL BE PROVIDED BY THE TEMPERATURE CONTROL SUB-CONTRACTOR.
13. ALL HOT-WATER PIPE BY-PASS VALVES, AUTOMATIC DRAIN VALVES, DRAIN LINE FROM BOILER TO HOPPER DRAIN.
14. ALL HEAT EXCHANGERS AND GAGES SHALL BE EASILY REACHABLE FROM THE FLOOR. (SEE SPECIFICATIONS)
15. ALL PRESSURE RELIEF VALVES, TEMPERATURE RELIEF VALVES, DRAIN VALVES, ETC., SHALL HAVE A DRAIN LINE FULL SIZE OF OUTLET RUN TO NEAREST HOPPER DRAIN.
16. ALL PIPING SHALL BE SUPPORTED ON SPECIAL HANGERS.
17. INSTALL AN AIR VENT AT THE HIGH POINT OF EACH CIRCULATING PUMP DISCHARGE AND AT THE HIGH POINT OF EACH HEATING OR CHILLED WATER RETURN MAIN ENTERING BOILER ROOM.
18. ALL COMPRESSION FITTINGS IN DIRECTION OF TANK, IN 6" OF TEMPERATURE CONTROL VALVES SHALL BE CHAIN OPERATED.
19. ALL VENTURI GATE VALVES ON SUPPLY AND RETURN MAINS, EXCEPT THOSE BOILERS, CHILLERS, PUMPS, AND COMPRESSION TANKS.
20. ALL VALVES, GAUGES, THERMOSTATS, FLOWSTATS, ETC. NOTED ON DIAGRAMS, SHALL BE PROVIDED BY THE TEMPERATURE CONTROL SUB-CONTRACTOR.

BOILER ROOM PIPING NOTES

1. SEE SHEET M-16 FOR ADDITIONAL DIAGRAMS AND CIRCULATING PUMP SCHEDULE.
2. SEE SHEET M-16 FOR TEMPERATURE CONTROL SUB-CONTRACTOR.
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