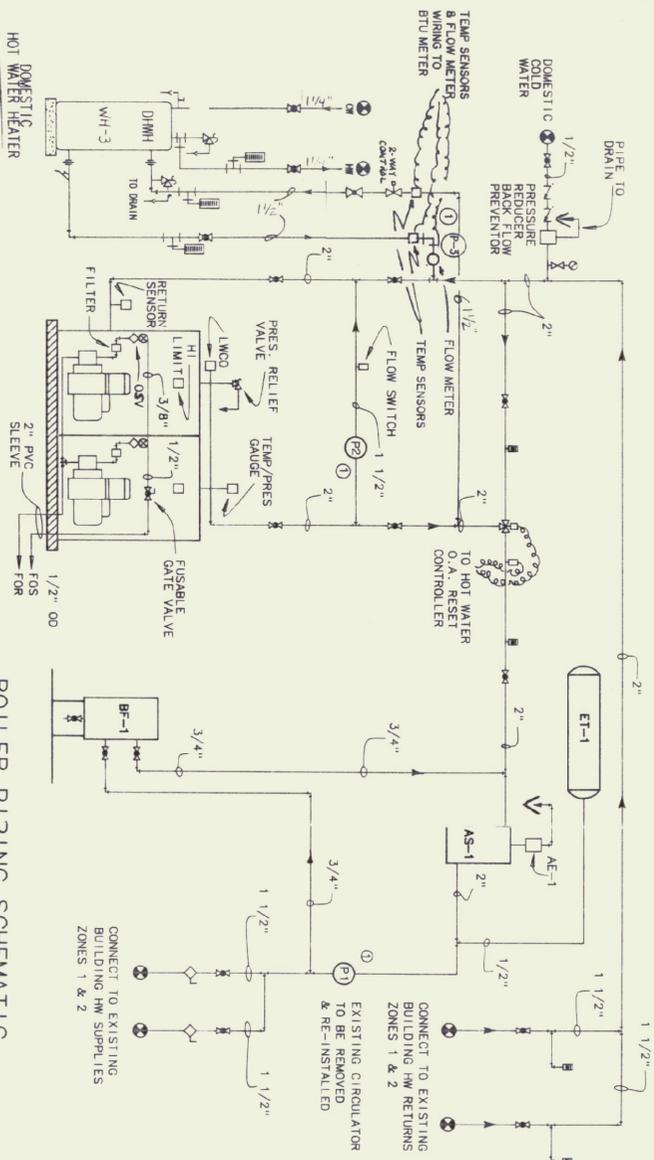


BOILER PIPING PLAN



KEYED NOTE:
 ① REFER TO IN LINE PUMP DETAIL



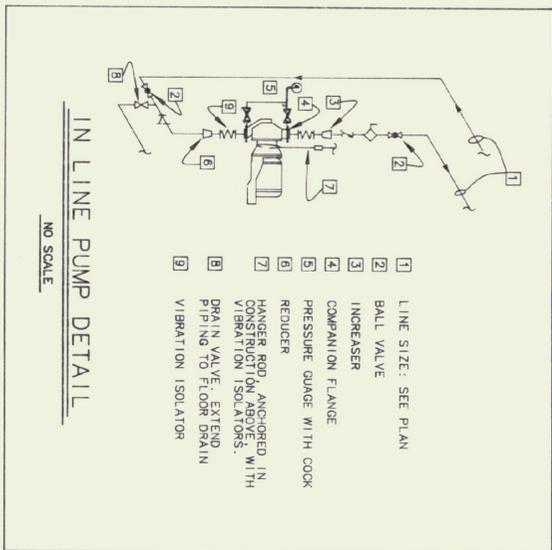
BOILER PIPING SCHEMATIC

PLUMBING EQUIPMENT SCHEDULE

ITEM	DESCRIPTION
FD-1	FLOOR DRAIN, 2", WADE, W-1102-STD 5 WITH 6" DIA. FUNNEL.
WH-1	WATER HEATER, EXISTING WATER HEATER TO BE REMOVED & TEMPORARILY REINSTALLED, REFER TO NOTE 12 DEMOLITION PLAN.
WH-2	WATER HEATER, BRADFORD-WHITE, MODEL W6USSS, 6 GALLON, 120 VOLT, 1500 WATT INPUT
WH-3	WATER HEATER, ULTIMATE ENGINEERING CORP., INDIRECT WATER HEATER PHASE III TR 120 WITH RELIEF VALVE, MIN. 500 MBH

MECHANICAL EQUIPMENT SCHEDULE

ITEM	DESCRIPTION
AE-1	AIR ELIMINATION VALVE, AMTROL MODEL 720
AS-1	AIR SEPARATOR WITH STRAINER AND BLOW DOWN VALVE, 2", AMTROL 2 AS
B-1	BOILER HYDRO THERM NO. 6604, #2 FUEL OIL, 2 MODS, 4.7 GPH, INPUT - 660 MBH, GROSS OUTPUT - 502 MBH, NET OUTPUT - 436 MBH
BF-1	BYPASS FEEDER, 5 GALLON CAPACITY, 3 1/2" OUTLET TOP OPERING, CAP WITH 30" STING SEAL, 200 PSI, NEPTUNE # DBR-3 WITH FILTER BAG NEPTUNE # FBK-5
ET-1	EXPANSION TANK, AMTROL AX 60, ASME
P-1	EXISTING CIRCULATOR TO BE REMOVED AND RE-INSTALLED
P-2	CIRCULATOR PUMP, BELL & GOSSETT SERIES HV, 1 1/2", 35 GPM @ 4' HEAD, 1/6 HP, 120 VOLT
P-3	CIRCULATOR PUMP, BELL & GOSSETT SERIES HV, 1 1/2", 20 GPM @ 10' HEAD, 1/6 HP, 120 VOLT
BTU	BTU METER FOR WH-3, HERSEY MODEL 7102 WITH 2 TEMPERATURE SENSORS & MODEL 414 MTX-1 1/2" FLOW METER



IN LINE PUMP DETAIL

- 1 LINE SIZE: SEE PLAN
- 2 BALL VALVE
- 3 INCREASER
- 4 COMPANION FLANGE
- 5 PRESSURE GAUGE WITH COOK REDUCER
- 6 HANGER ROD ANCHORED IN CONCRETE WITH VIBRATION ISOLATORS
- 7 DRAIN VALVE EXTEND PIPING TO FLOOR DRAIN
- 8 VIBRATION ISOLATOR
- 9

NO SCALE



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 DEPARTMENT OF STATE BUILDINGS
 AGENCY OF ADMINISTRATION
 MONTPELLIER, VERMONT

E.F. KNAPP AIRPORT TERMINAL
 MECHANICAL RENOVATIONS
 BERLIN, VERMONT

DATE: 9/06/91
 DRAWN BY: B.W.M.
 SCALE: AS SHOWN
 APPROVED BY: E.E.P.
 REVISIONS: 3/1/92
 DWG NO.: 3 OF 5