

1 BOILER - DEMOLITION
 SCALE: 1/4" = 1'-0"

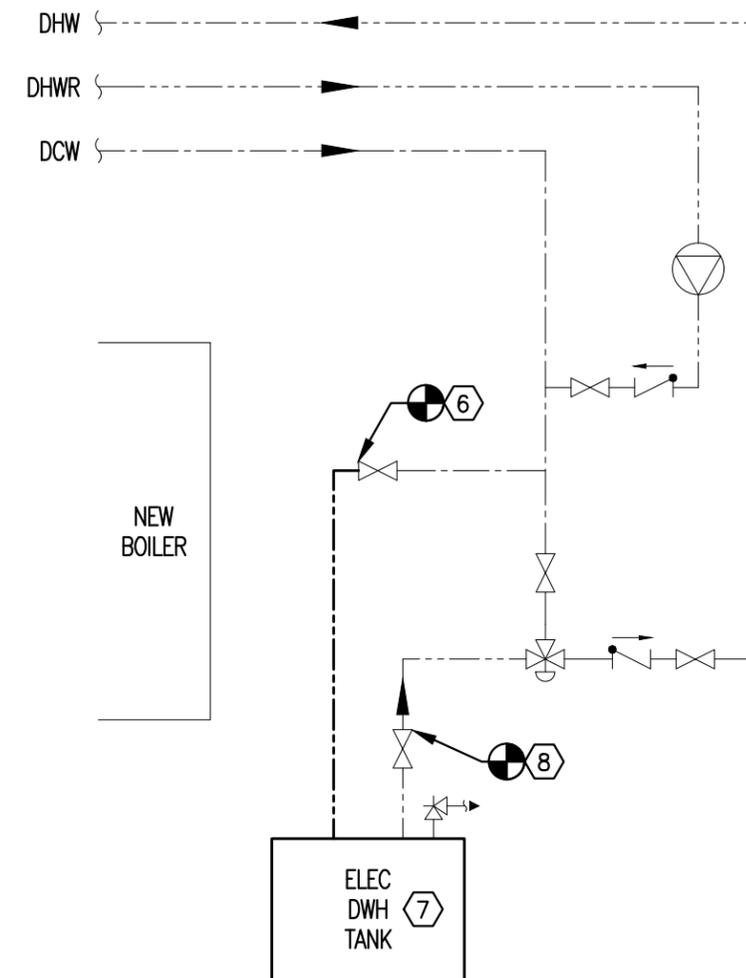
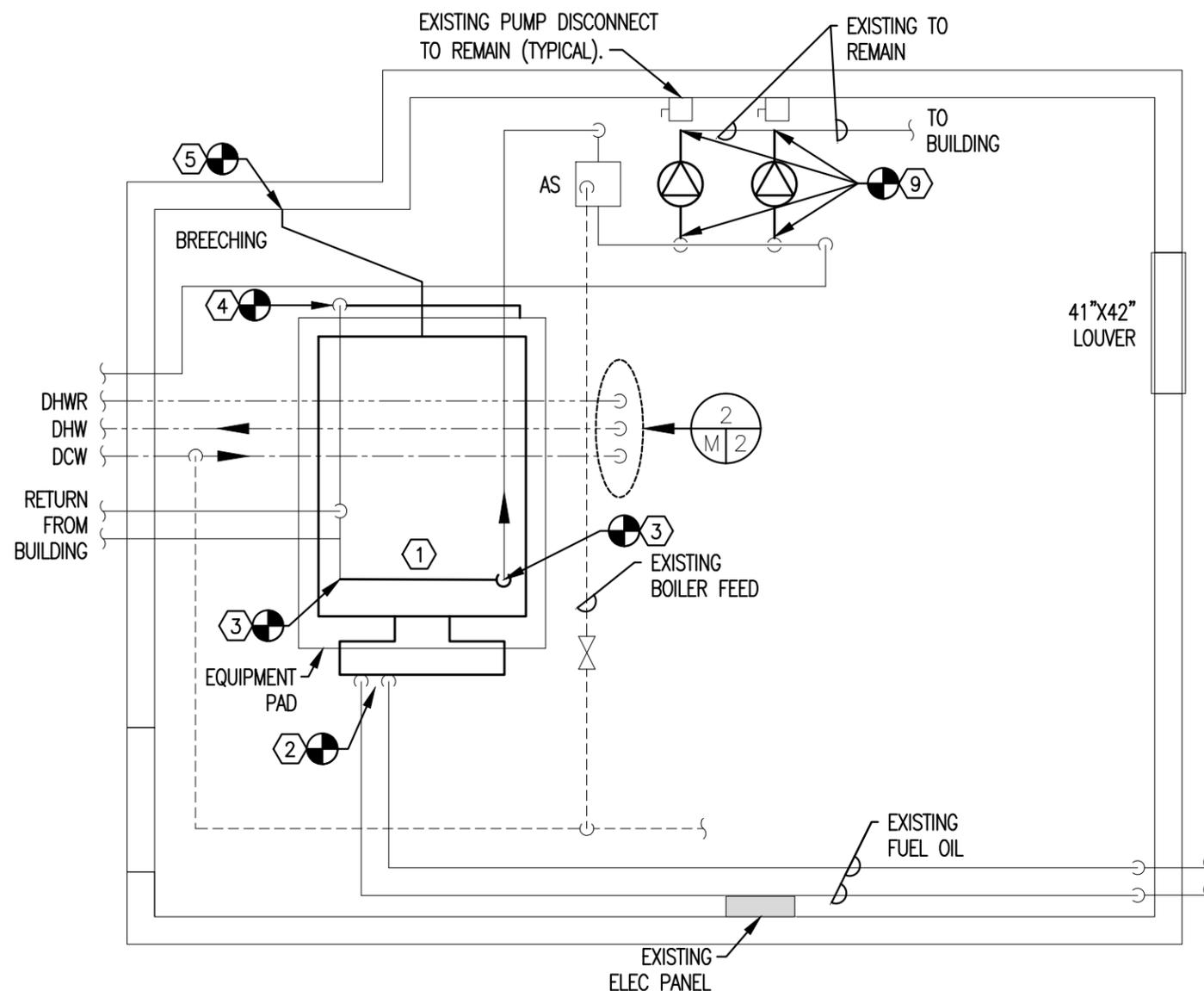
2 SCHEMATIC - DEMOLITION
 SCALE: N.T.S.

DEMOLITION NOTES:

1. DISCONNECT AND REMOVE EXISTING BOILER INCLUDING CONTROLS, ACCESSORIES AND ELECTRIC.
2. DISCONNECT EXISTING FUEL OIL TO BURNER. PREPARE FUEL OIL FOR CONNECTION TO NEW BOILER. REMOVE AND REPLACE EXISTING OIL FEED ISOLATION VALVES.
3. DISCONNECT EXISTING SUPPLY AND RETURN PIPING TO BOILER HEADER AS SHOWN. REMOVE EXISTING 3-WAY VALVE. PREPARE EXISTING PIPING FOR CONNECTION TO NEW BOILER
4. DISCONNECT EXISTING RETURN PIPING TO BOILER. PREPARE EXISTING PIPING FOR CONNECTION TO NEW BOILER
5. DISCONNECT AND REMOVE EXISTING BREECHING TO CHIMNEY.
6. DISCONNECT EXISTING DOMESTIC HOT WATER FROM BOILER COIL TO ISOLATION VALVE AT WATER HEATER.
7. DISCONNECT DOMESTIC COLD WATER BETWEEN BOILER COIL AND ISOLATION VALVE, INCLUDING EXISTING RELIEF VALVE.
8. DISCONNECT DOMESTIC HOT WATER BETWEEN WATER HEATER AND ISOLATION VALVE.
9. DISCONNECT AND REMOVE EXISTING ELECTRIC HOT WATER HEATER INCLUDING CONTROLS AND ELECTRICAL FEED TO EXISTING PANEL.
10. DISCONNECT AND REMOVE PUMP INCLUDING ALL ACCESSORIES AND GAUGES BETWEEN SUCTION AND DISCHARGE HEADERS. REMOVE EXISTING ELECTRIC FEE BACK TO DISCONNECT SWITCH.

Sheet Title
**BOILER REPLACEMENT
 DEMOLITION PLAN**

Date 08.30.21	Sheet No. M-1
Scale AS NOTED	
Drawn CJR	
Checked MWR	

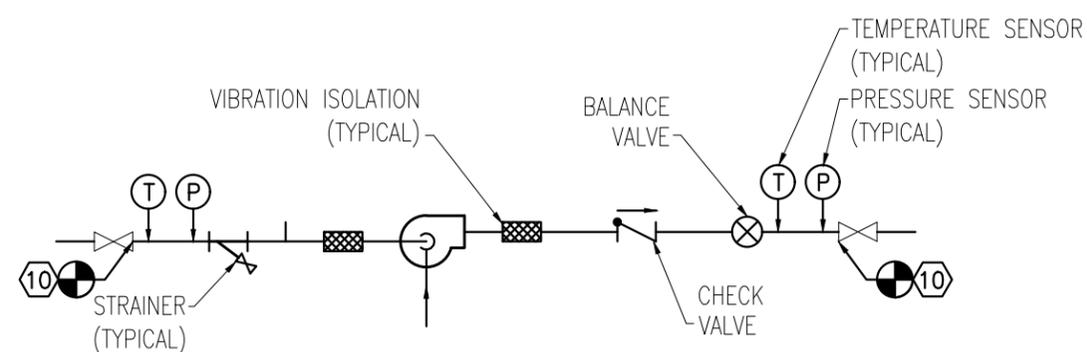


1 BOILER - NEW WORK
 SCALE: 1/4" = 1'-0"

CONSTRUCTION NOTES:

1. NEW HOT WATER BOILER BURNHAM MODEL V1112 WITH FUEL OIL-FIRED POWERFLAME BURNER OR APPROVED EQUAL.
2. CONNECT EXISTING FUEL OIL TO NEW BURNER. PROVIDE NEW ISOLATION VALVES,
3. CONNECT EXISTING SUPPLY AND BYPASS PIPING TO NEW BOILER.
4. CONNECT EXISTING RETURN PIPING TO NEW BOILER.
5. CONNECT NEW BOILER BREECHING TO EXISTING CHIMNEY.
6. CONNECT EXISTING COLD WATER TO NEW WATER HEATER.
7. NEW ELECTRIC WATER HEATER. RHEEM MODEL PROP550T2RH92CS OR APPROVED EQUAL. PROVIDE NEW ELECTRIC WIRING FROM EXISTING PANEL TO WATER HEATER. POWER SHALL BE 208V SINGLE PHASE. PROVIDE 35A/2P BREAKER, UTILIZE (2) #8 AND (1) #10 GROUND IN 3/4" EMT CONDUIT.
8. CONNECT EXISTING DOMESTIC WATER TO NEW WATER HEATER.
9. NEW PUMP, ARMSTRONG MODEL 710T, 3HP, 208V 3PH MOTOR, OR APPROVED EQUAL.
10. CONNECT NEW PUMP PIPING TO EXISTING ISOLATION VALVE.

2 SCHEMATIC - NEW WORK
 SCALE: N.T.S.



TYPICAL PUMP INSTALL DETAIL
 SCALE: N.T.S.

Sheet Title
**BOILER REPLACEMENT
 NEW WORK PLAN**

Date	08.30.21	Sheet No. M-2
Scale	AS NOTED	
Drawn	CJR	
Checked	MWR	