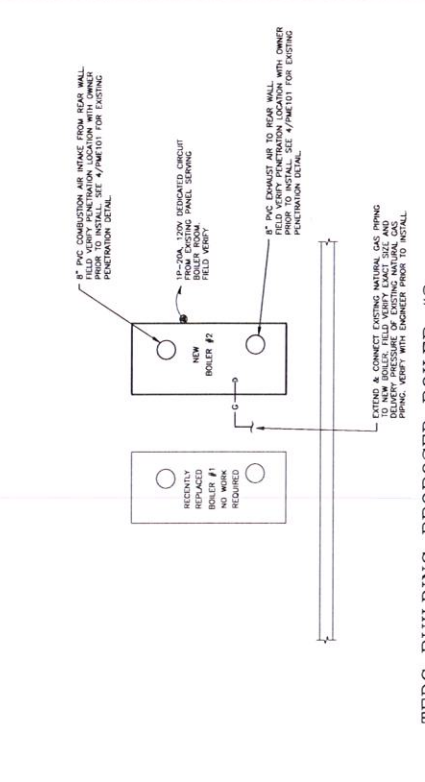


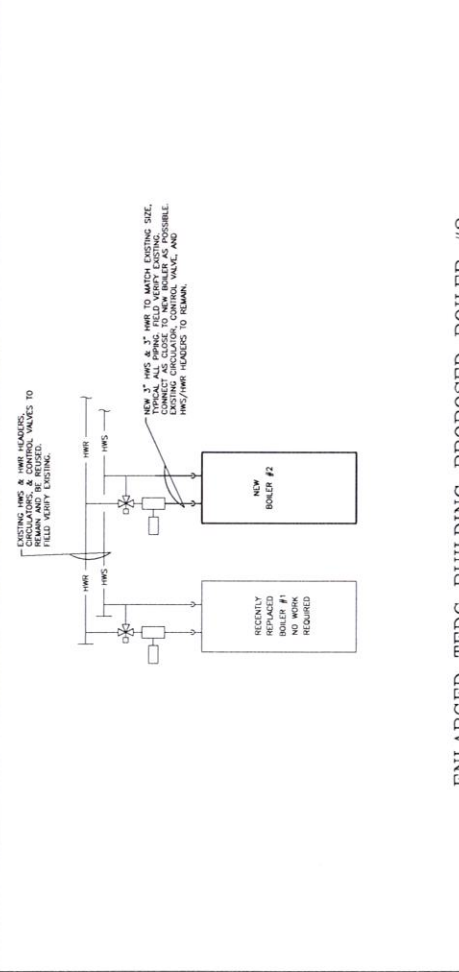
TEDC BUILDING CURRENT BOILER CONFIGURATION - SHOWN FOR REFERENCE AND DEMOLITION NOTES ONLY
SCALE: NONE

- NOTES:
- EXISTING HWS & HWR HEADERS, CIRCULATORS, & CONTROL VALVES TO REMAIN AND BE REUSED. FIELD VERIFY EXISTING.
 - EXISTING BOILER #2 TO BE REPLACED.
 - RECENTLY REPLACED BOILER #1 NO WORK REQUIRED.
 - FIELD VERIFY EXISTING NATURAL GAS PIPING, PUMPS, VALVES, AND BOILER CONTROLS AND CONTROL WIRING TO REMAIN FOR INTEGRATION WITH NEW BOILERS. SEE 2 & 3/PME101.



TEDC BUILDING PROPOSED BOILER #2 NATURAL GAS & ELECTRICAL INSTALLATION SCHEMATIC
SCALE: APPROXIMATELY 1/2" = 1'-0" (DO NOT SCALE DIMENSIONS FROM PLANS)

- NOTES:
- EXISTING NATURAL GAS PIPING, PUMPS, VALVES, AND POWER WIRING TO BE REUSED AS PRUDENT. INSPECT ALL EXISTING COMPONENTS TO NEW BOILER TO BE INTEGRATED INTO EXISTING CONTROL AND METEOROLOGICAL BUILDING AUTOMATION SYSTEM. COORDINATE WITH OWNER TO VERIFY SYSTEMS ARE OPERATIONAL.
 - FIELD VERIFY PENETRATION LOCATION WITH OWNER TO VERIFY EXISTING PENETRATION DETAIL.
 - ALL PIPING AND INSULATION MATERIALS TO BE LOCATED SUPERIOR TO EXISTING INSTALLATION. PLEASE SUBMIT OUT SHEETS TO ENGINEER FOR APPROVAL.
 - SEE 4/PME101 FOR ADDITIONAL CONNECTION AND VENT PIPING DETAILS.



ENLARGED TEDC BUILDING PROPOSED BOILER #2 HWS & HWR PIPING INSTALLATION SCHEMATIC
SCALE: APPROXIMATELY 1/2" = 1'-0" (DO NOT SCALE DIMENSIONS FROM PLANS)

- NOTES:
- EXISTING HWS & HWR HEADERS, CIRCULATORS, & CONTROL VALVES TO REMAIN AND BE REUSED. FIELD VERIFY EXISTING.
 - NEW 2" HWS & 3" HWR TO MATCH EXISTING SIZE. TYPICAL ALL PIPING FIELD VERIFY EXISTING. FIELD VERIFY EXISTING CIRCULATOR, CONTROL VALVE, AND HWS/HWR HEADERS TO REMAIN.
 - FIELD VERIFY EXISTING NATURAL GAS PIPING, PUMPS, VALVES, AND BOILER CONTROLS AND CONTROL WIRING TO REMAIN FOR INTEGRATION WITH NEW BOILERS. SEE 2 & 3/PME101.

BOILER SCHEDULE

BOILER #2 - 106 GALLON CAPACITY, 186 SQ FT HEATING SURFACE, 350 GPM MAX FLOW RATE, 1500/110 BTU/HOUR INPUT, 1,084,000 BTU/HOUR OUTPUT, 1200/110 BTU/HOUR INPUT

FOR LOUVERING INFORMATION PLEASE CONTACT:
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EXISTING BOILER #2 INTAKE/VENT PENETRATION DETAIL
SCALE: NONE

- NOTES:
- FOR REFERENCE ONLY. THIS PHOTO AND VENT PIPING DETAILS, BOILERS #1 & #2, ARE FOR INFORMATION ONLY. FIELD VERIFY EXISTING PENETRATION DETAIL.
 - FIELD VERIFY EXISTING PENETRATION DETAIL AND VENT PIPING DETAILS. SEE 4/PME101 FOR ADDITIONAL CONNECTION AND VENT PIPING DETAILS.

