



ADDENDUM # 1

DATE: **1/7/2019**

PROJECT: **SWTC Daycare Boiler Replacement**
IMEG #18001186.00

BID DUE DATE: **1/15/2019**

ARCHITECT: IMEG Corp.
1800 Deming Way, Suite 200
Middleton, WI 53562
Phone: 608-221-6712

TO: All Contract Document Holders of Record.

This Addendum forms a part of the bidding and construction documents. This Addendum supersedes and supplements all portions of the original bidding and construction documents dated 12/12/2018 with which it conflicts. Please attach this Addendum to the Project Manual(s) in your possession.

ACKNOWLEDGE RECEIPT OF THIS ADDENDUM IN THE SPACE PROVIDED ON THE BID FORM. FAILURE TO DO SO MAY SUBJECT BIDDER TO DISQUALIFICATION.

A. PROCUREMENT AND CONTRACTING REQUIREMENTS

None

B. SPECIFICATIONS

None

C. DRAWINGS

1. DRAWING M201 - FIRST FLOOR PLAN - MECHANICAL
 - a. **REVISE** gas piping. Refer to attached sheet for additional information
2. DRAWING M301 - ENLARGED FLOOR PLANS - MECHANICAL
 - a. **REVISE** gas piping. Refer to attached sheet for additional information.

END OF ADDENDUM #1

[PPH/rkj]

M201
M301



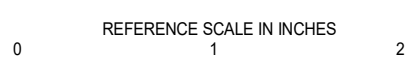
PROFESSIONAL SEAL

KEY PLAN

AGENCY APPROVAL

DISCLAIMER

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REVISIONS

No.	Date	Revision / Issue
1	01/08/2019	ADDENDUM #1

SHEET INFORMATION

Issue	Construction Set
Date	12/12/2018
Job Number	18001186.00
Drawn	PAUHAN
Checked	PAUVAD

SHEET TITLE

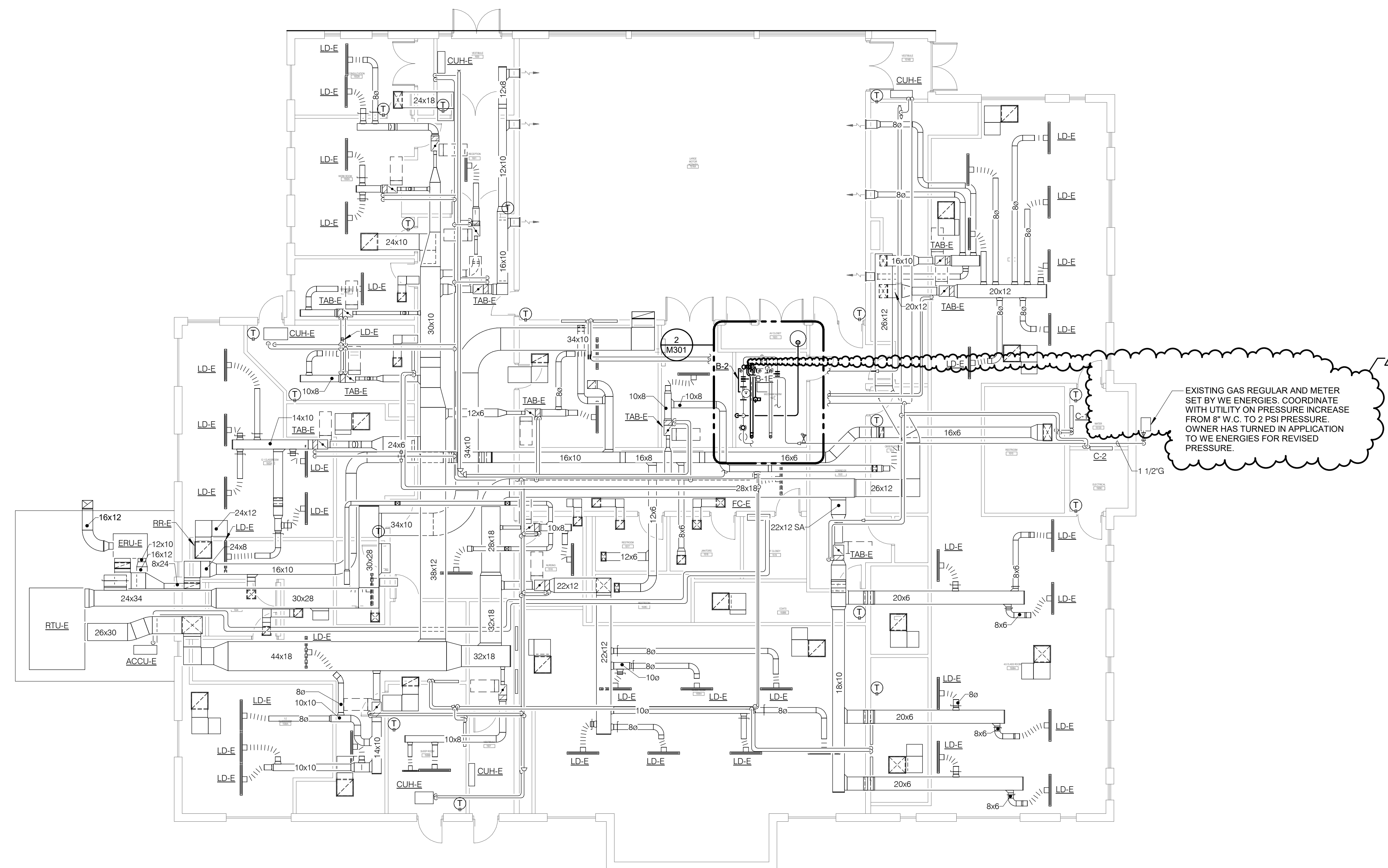
FIRST FLOOR PLAN - MECHANICAL

SCALE

Scale: 1/8" = 1'-0"

SHEET NUMBER

M201



1 FIRST FLOOR PLAN - MECHANICAL

1/8" = 1'-0"



PROFESSIONAL SEAL

KEY PLAN

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REFERENCE SCALE IN INCHES



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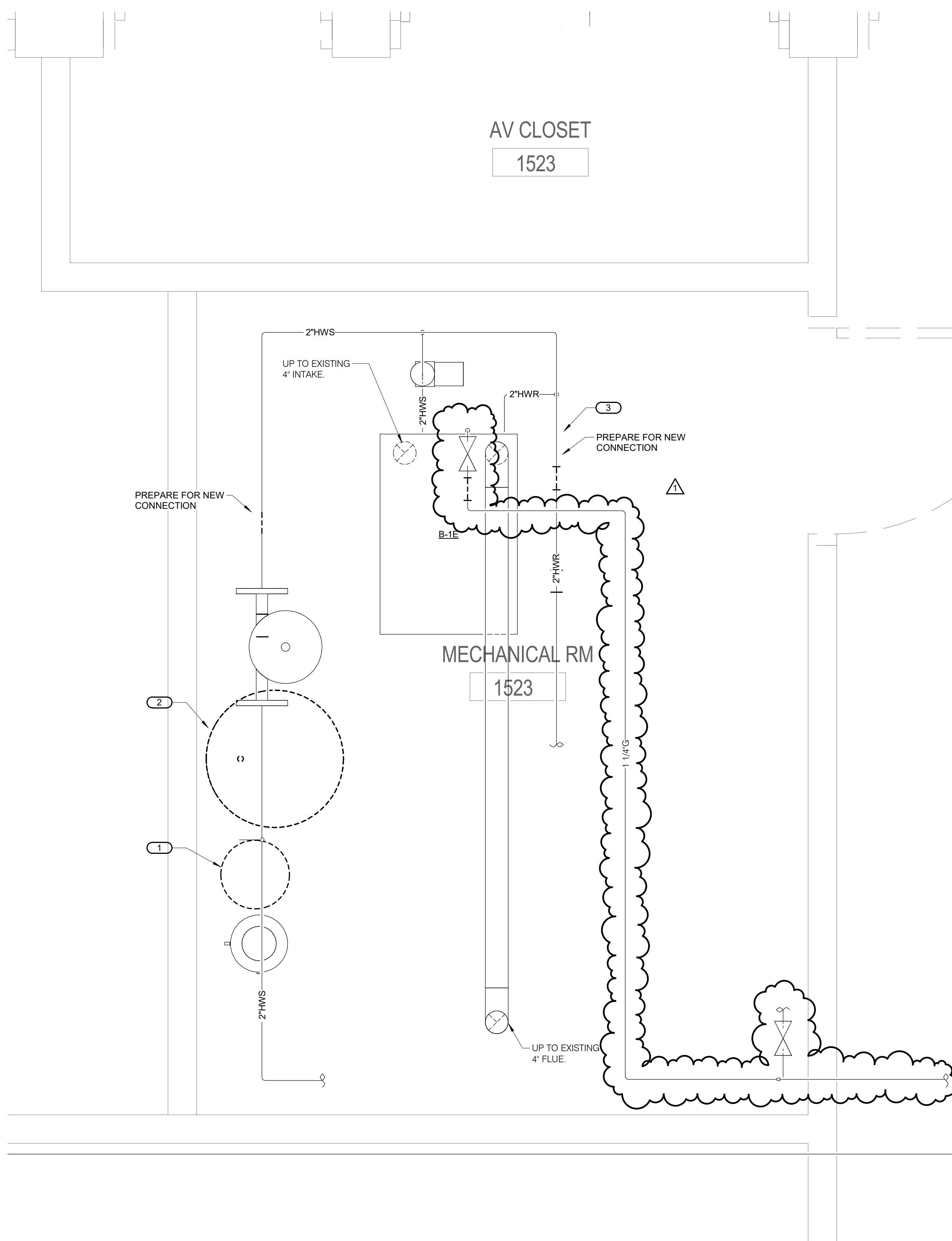
ENLARGED FLOOR PLANS - MECHANICAL

SCALE

Scale: 1" = 1'-0"

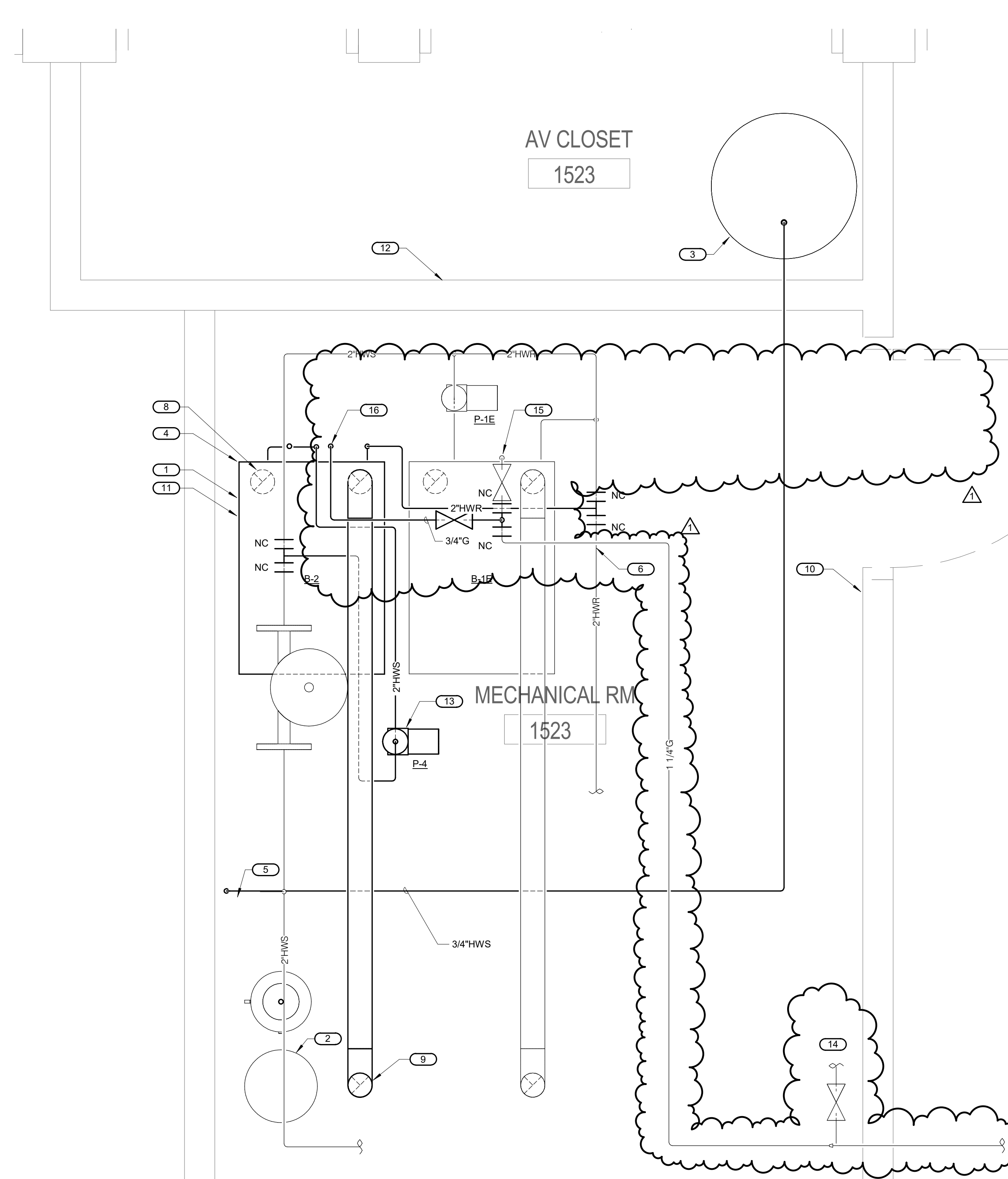
SHEET NUMBER

M301



1 ENLARGED DEMOLITION PLAN - MECHANICAL
1" = 1'-0"

- KEYNOTES:**
- REMOVE EXISTING SIDESTREAM FILTER AND PREPARE EXISTING FILTER TO BE INSTALLED IN NEW LOCATION PER 2/M301
 - REMOVE EXISTING EXPANSION TANK AND PREPARE EXPANSION TANK TO BE INSTALLED IN NEW LOCATION PER 2/M301. PREPARE BRANCH SERVING EXPANSION TANK FOR NEW EXPANSION TANK CONNECTIONS PER 2/M301.
 - REMOVE EXISTING HWR TEMPERATURE SENSOR AND THERMOMETER AND PREPARE SENSORS FOR REINSTALLATION IN NEW LOCATION PER 2/M301.



2 ENLARGED FLOOR PLAN - MECHANICAL
1" = 1'-0"

- KEYNOTES:**
- CONTRACTOR SHALL FURNISH AND INSTALL NEW BOILER. CONTRACTOR TO INSTALL CONTROL WIRING BETWEEN EXISTING BOILER (B-1) AND NEW BOILER (B-2). BOILERS HAVE CONTROL TOGETHER VIA CASCADE CONTROL SEQUENCE WITH LEAD/LAG ALTERNATING ABILITY. CONTRACTOR SHALL INSTALL CONTROL WIRING TO P-4 FROM INTEGRAL BOILER CONTROL PANEL TO ENERGIZE BOILER CIRCULATION PUMP (P-4) WHEN BOILER (B-2) IS OPERATING.
 - INSTALL EXISTING SIDESTREAM FILTER TO SOUTH OF EXISTING POT FEEDER. EXTEND EXISTING PIPING SERVING SIDE STREAM FILTER TO NEW FILTER LOCATION. SIDESTREAM FILTER CAN BE INSTALLED ON EXISTING FLOOR.
 - INSTALL EXISTING EXPANSION TANK IN STORAGE ROOM ON 4" HOUSEKEEPING PAD. EXPANSION TANK SHALL BE INSULATED WITH 2" OF RIGID FIBERGLASS INSULATION AND A 5 LAYER SELF ADHERING JACKET (VENTURE CLAD OR EQUAL) TO PROTECT INSULATION.
 - EXTEND EXISTING HOUSEKEEPING PAD FOR NEW BOILER INSTALLATION.
 - EXTEND EXISTING HWS PIPING FROM EXISTING EXPANSION TANK CONNECTION TO NEW LOCATION IN STORAGE ROOM.
 - INSTALL EXISTING HWR TEMPERATURE SENSOR AND THERMOSTAT REMOVED PER 1/M301 TO NEW LOCATION UPSTREAM OF BOILER BRANCH PIPING.
 - CONNECT 1 1/2" G PIPING TO BOILER PER BOILER MANUFACTURER REQUIREMENTS. PROVIDE MINIMUM 6" DIRT LAG AND SHUT OFF VALVE AT BOILER.
 - ROUTE 4" INTAKE TO ROOF AND TERMINATE PER MANUFACTURER REQUIREMENTS.
 - ROUTE 4" FLUE TO ROOF AND TERMINATE PER MANUFACTURER REQUIREMENTS.
 - M.C. SHALL COORDINATE WITH E.C. FOR INSTALLATION OF CSD-1 EMERGENCY DISABLE SWITCH TO DISABLE BOTH BOILER B-1 AND BOILER B-2 WHEN SWITCH IS ENABLED.
 - CONTRACTOR SHALL CONNECT GENERAL ALARM FROM BOILER TO EXISTING BUILDING'S TRANE CONTROL SYSTEM.
 - EXISTING BOILER ROOM CONTAINS ONE HOUR FIRE RATING. CONTRACTOR SHALL PROVIDE RESTORING OF NEW PENETRATIONS PER SPECIFICATION 2/013.
 - CONTRACTOR TO FURNISH AND INSTALL PUMP IN ACCESSIBLE LOCATION NOT ABOVE BOILERS.
 - CONTRACTOR TO INSTALL NEW GAS REGULATOR IN EXISTING PIPING SERVING WATER HEATER TO REGULATE PRESSURE FROM 2 PSI TO 8" W.C. PRESSURE REGULATOR SHALL BE MAXITROL 325 OR EQUIVALENT. ROUTE REGULATOR VENT TO ROOF OR USE AN APPROVED VENT LIMITING DEVICE CAPABLE REGULATOR. COORDINATE EXACT REGULATOR SIZE WITH EXISTING WATER HEATER GAS FLOW REQUIREMENTS.
 - CONTRACTOR TO INSTALL NEW GAS REGULATOR IN EXISTING PIPING SERVING BOILER TO REGULATE PRESSURE FROM 2 PSI TO 8" W.C. PRESSURE REGULATOR SHALL BE MAXITROL 325 OR EQUIVALENT. ROUTE REGULATOR VENT TO ROOF OR USE AN APPROVED VENT LIMITING DEVICE CAPABLE REGULATOR. SIZE REGULATOR FOR 500 CFH.
 - CONTRACTOR TO INSTALL NEW GAS REGULATOR IN PIPING SERVING NEW BOILER TO REGULATE PRESSURE FROM 2 PSI TO 8" W.C. PRESSURE REGULATOR SHALL BE MAXITROL 325 OR EQUIVALENT. ROUTE REGULATOR VENT TO ROOF OR USE AN APPROVED VENT LIMITING DEVICE CAPABLE REGULATOR. SIZE REGULATOR FOR 500 CFH.