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Addendum: **1**

Date: **03/14/2025**

Project: **SACS 2025 Chiller Replacements**

Comm #: **24688**

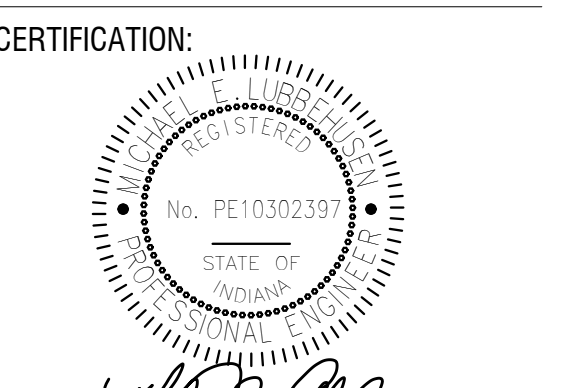
The following items shall be incorporated into the specifications and drawings and are considered to be integral to the bid documents for the project. Acknowledgement of receipt of this addendum is required on the bid form.

Item #1: General Clarifications.

- A. See attached for pre-bid meeting sign-in sheet and meeting minutes.
- B. Question: *“Does the contractor need to salvage refrigerant?”*
Response: No.
- C. Question: *“Has the glycol at woodside been tested?”*
Response: No, please include testing prior to demolition. Concentration shall be 30% PG.
- D. Question: *“Does TCC provide VSD?”*
Response: Yes, TCC shall provide VSD. Installation shall be by EC.
- E. Question: *“Are contractors to bid all projects as one combined bid?”*
Response: Yes, contractors shall bid all projects under one bid. With the inclusion of alternate #1 (Aboite ES Controls).
- F. Question: *“Please confirm the Administration Building Flue length is okay.”*
Response: See revised routing on sheet M201 below.
- G. Question: *“What is the system volume of chilled water plants?”*
Response: Woodside approximately 2,000 gallons.
Aboite approximately 1,200 gallons.
- H. Question: *“Is there a preferred roofing contractor?”*
Response: Do not use Tremco or Mcguff.
- I. Question: *“Alternate #1, is the intent to install new coil kits with the control valves? Or are we specifically only swapping out the control valves?”*
Response: Specifically, only the control valves are to be replaced.
- J. Question: *“Is there a phone number for Mike Heribrant at Chardon Labs?”*
Response: (765) 617-5193

Item #2: Drawing Sheet AB-M201, “Boiler Room Mechanical Plan”:

- A. Revised boiler flue/intake to eliminate elbows. Approximate equivalent length of pipe is 97'. Refer to supplemental drawing sheet AB-M201, labeled addendum #1.



No.	Revision Date	Description
1	3-14-25	ADDENDUM #1

DATE: 03.05.2025
 COMM: 24688

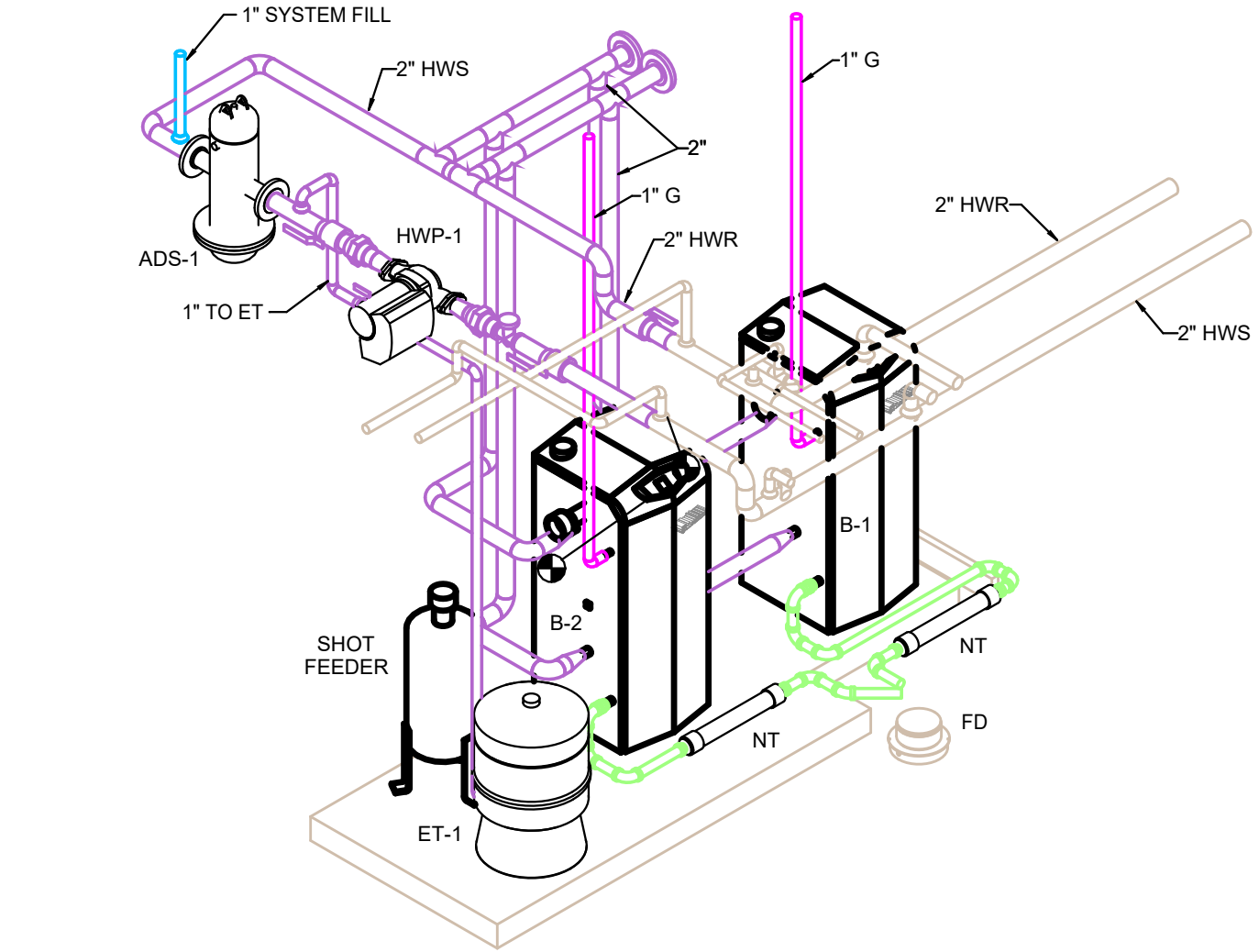
TITLE:
BOILER ROOM MECHANICAL PLAN

SHEET:

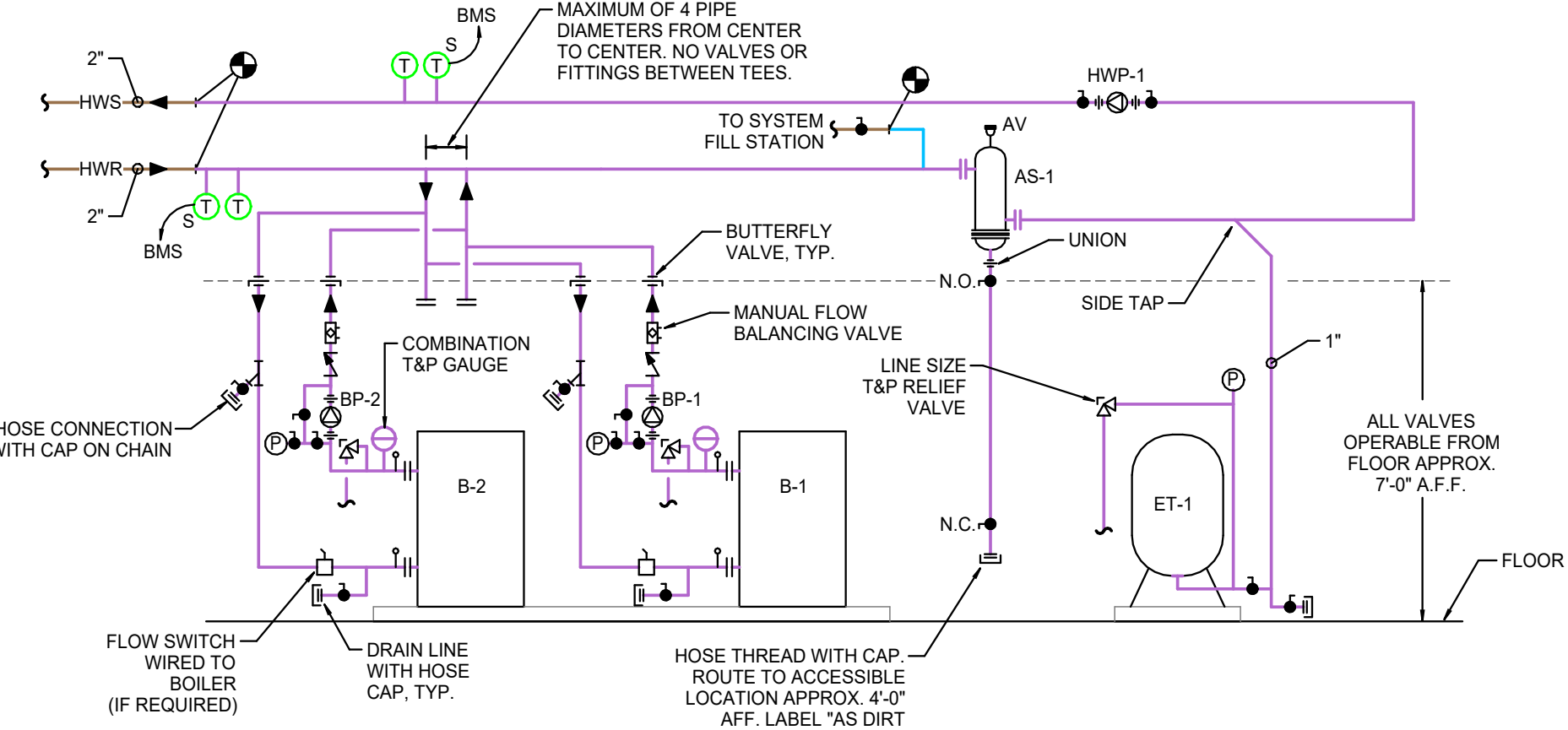
AB-M201

- PLAN NOTES**
- TIE-IN TO EXISTING HYDRONIC LINE AT LOCATION SHOWN. REFER TO BOILER CONNECTION DETAIL ON SHEET AB-M001 FOR MORE INFORMATION.
 - TIE-IN NEW NATURAL GAS LINE AT LOCATION SHOWN. PROVIDE AND INSTALL WITH SERVICE ISOLATION VALVES, DIRT LEG, UNION CONNECTION AND GAS REGULATOR.
 - ROUTE ALL BOILER CONDENSING PIPING BACK TO FACTORY PROVIDED CONDENSATE NEUTRALIZATION KIT. CONDENSATE PIPING SHALL BE SOLVENT WELDED SCHEDULE 80 PVC. ROUTE PIPING TO NEAREST FLOOR DRAIN.
 - ROUTE INTAKE/FLUE THROUGH EXISTING ROOF PENETRATION. TERMINATE WITH CONCENTRIC FLUE THROUGH ROOF. PATCH EXTERIOR ROOF OPENINGS TO MATCH ADJACENT SURROUNDINGS. REFER TO MANUFACTURER'S VENTING INSTRUCTIONS FOR MORE INFORMATION.
 - PROVIDE AND INSTALL NEW CONDENSING BOILER WITH VARIABLE SPEED PUMP. MAINTAIN MANUFACTURER'S CLEARANCE REQUIREMENTS. REFER TO DETAIL ON SHEET AB-M001 FOR MORE INFORMATION.
 - PROVIDE AND INSTALL NEW BOILER CONTROLLER IN EXISTING PANEL. CONNECT TO EXISTING DATA NETWORK.
 - CONTRACTOR SHALL REMOVE EXISTING GYPSUM CHASE WALL TO REMOVE FLUE/INTAKES. 8'x8' CONSTRUCTION BARRIER SHALL BE INSTALLED PRIOR TO DEMOLITION. BARRIER SHALL BE CONSTRUCTED FROM 2"x4" STUDS FROM WALL TO WALL AND FLOOR TO CEILING. SEAL ALL PENETRATIONS AIR/DUST TIGHT FITTING PLASTIC SECURED TO CONTAIN ALL CONSTRUCTION DEBRIS.

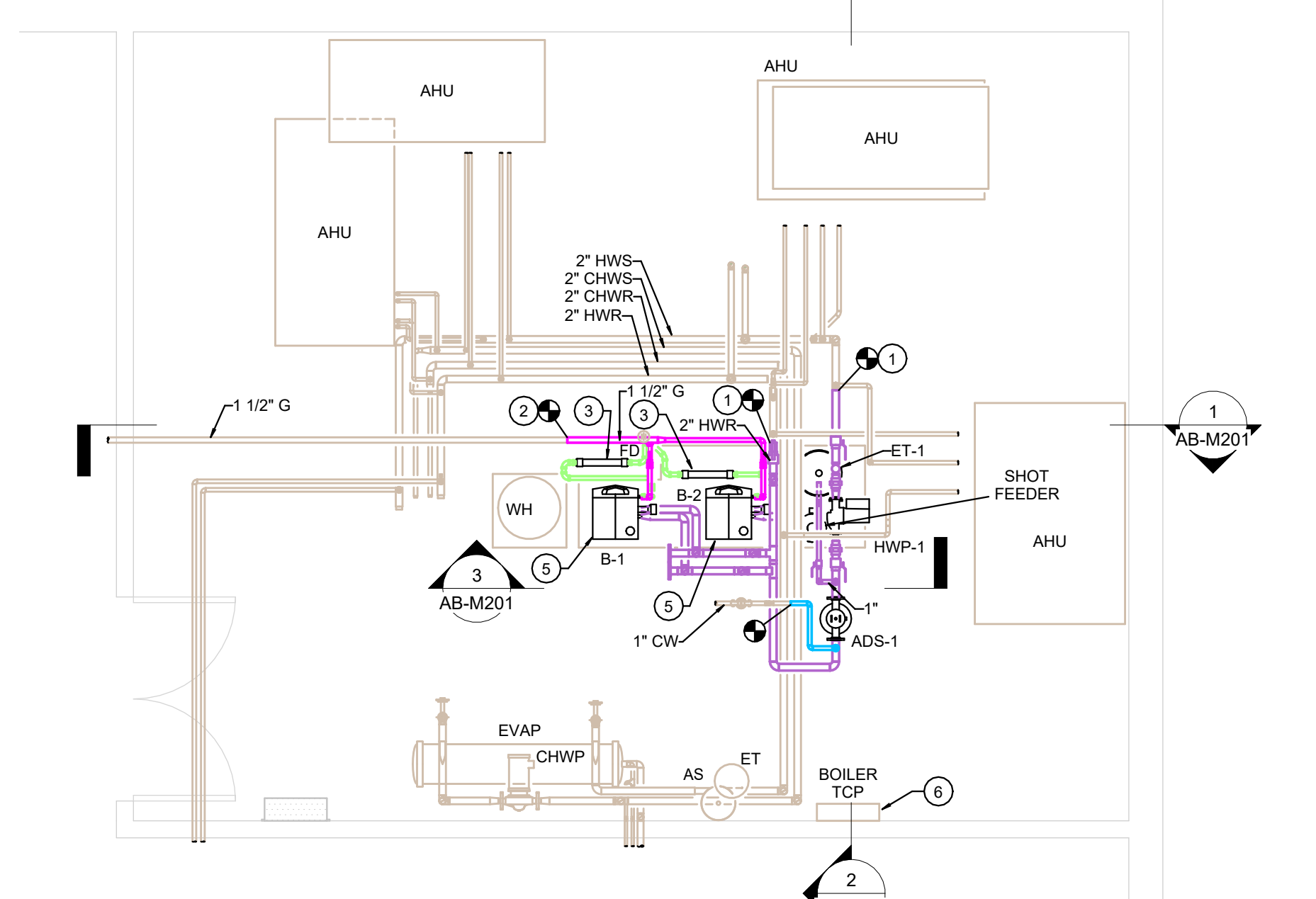
PRIOR TO DEMOLITION CONTRACTOR SHALL ENGAGE CHEMICAL TREATMENT SERVICE PROVIDER TO FURNISH RECOMMENDED CHEMICAL CLEANING SOLUTION FOR EXISTING HYDRONIC PIPING. CONTRACTOR SHALL DRAIN ALL EXISTING SYSTEM FLUID IN ITS ENTIRETY AND FILL, FLUSH, AND DRAIN REPEATEDLY WITH WATER AND RECOMMENDED CHEMICAL CLEANING SOLUTION UNTIL CLEAR. OPEN ALL MANUALLY OPERATED VALVES. COORDINATE WITH TCO TO OPEN ALL AUTOMATIC CONTROL VALVES AND ENABLE PUMPS. FILL SYSTEM WITH WATER AND RECOMMENDED CHEMICAL TREATMENT SOLUTIONS. PURGE AND VENT ALL AIR FROM EXISTING SYSTEM.



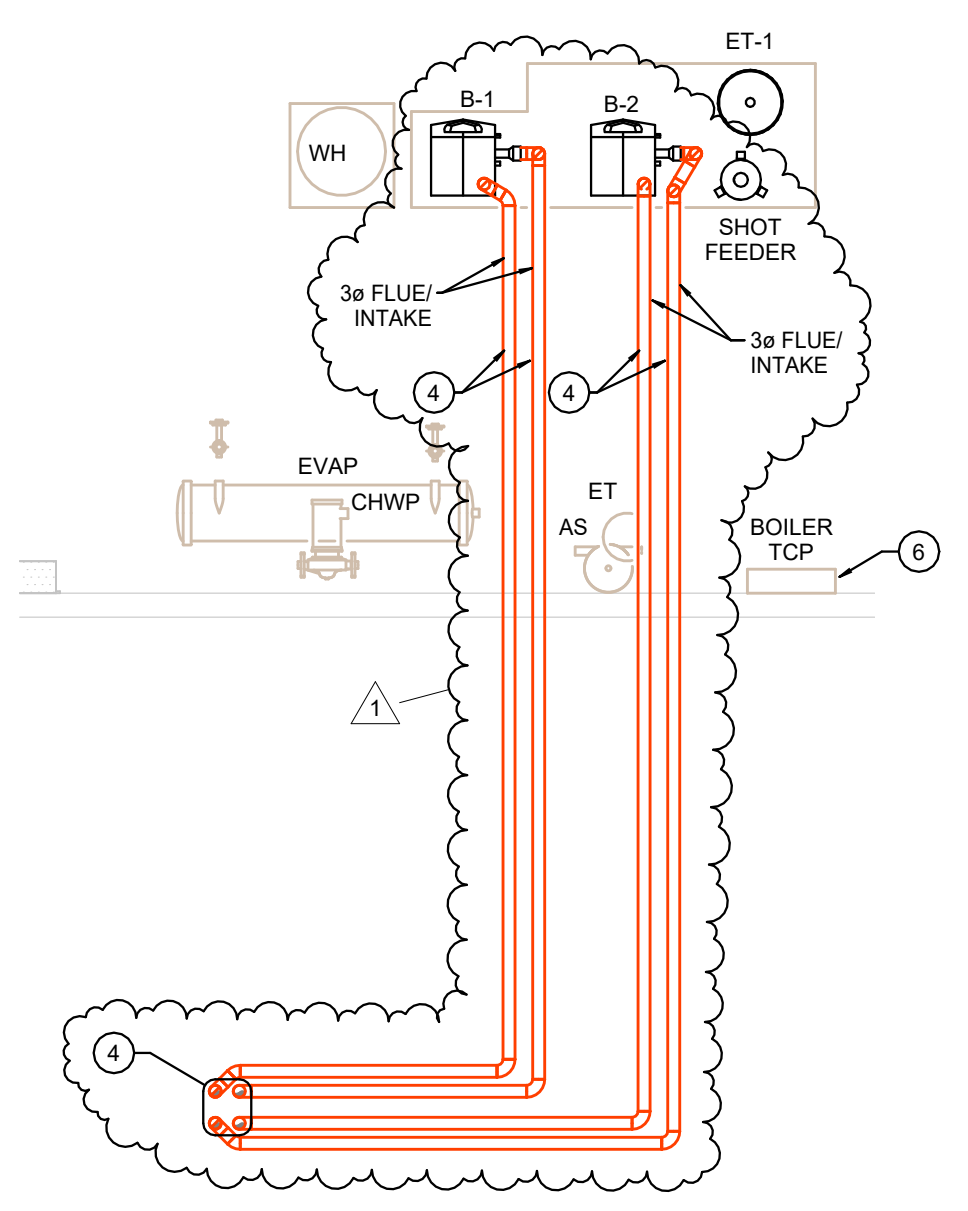
BOILER ISOMETRIC
 NTS



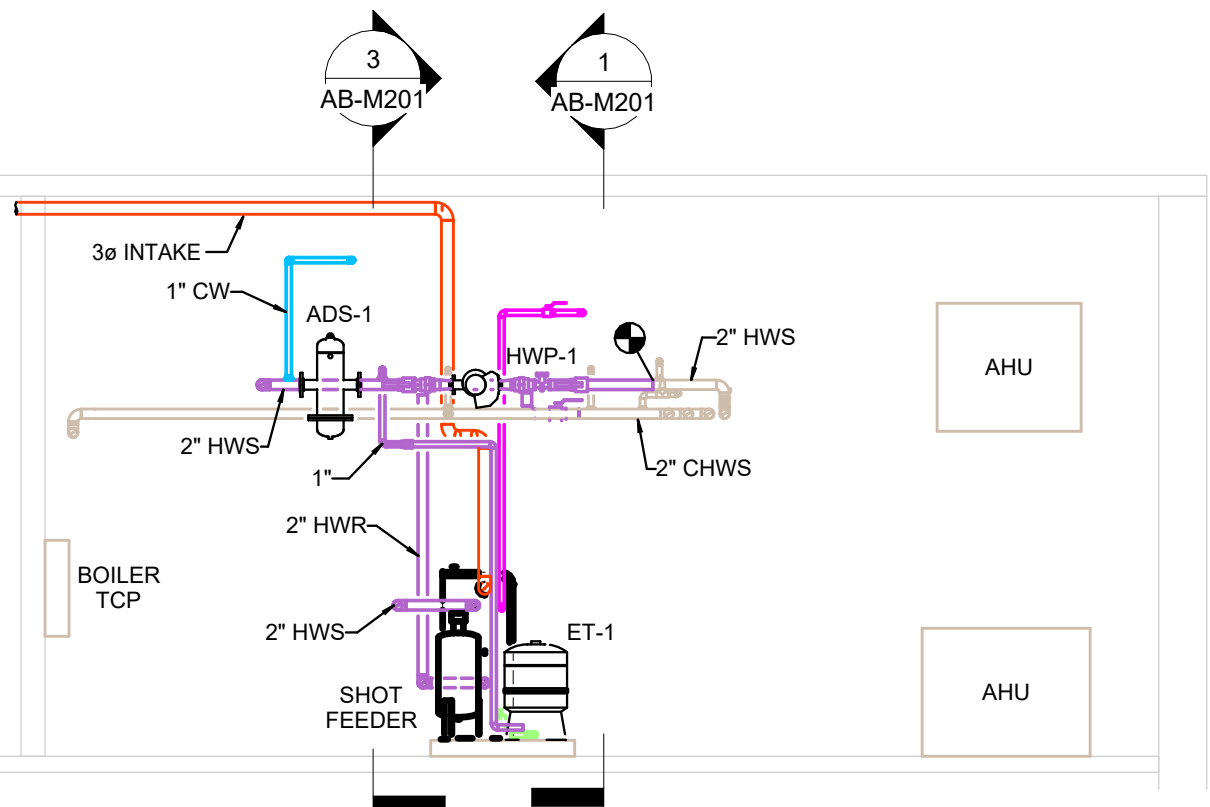
HOT WATER FLOW DIAGRAM - NEW
 NTS



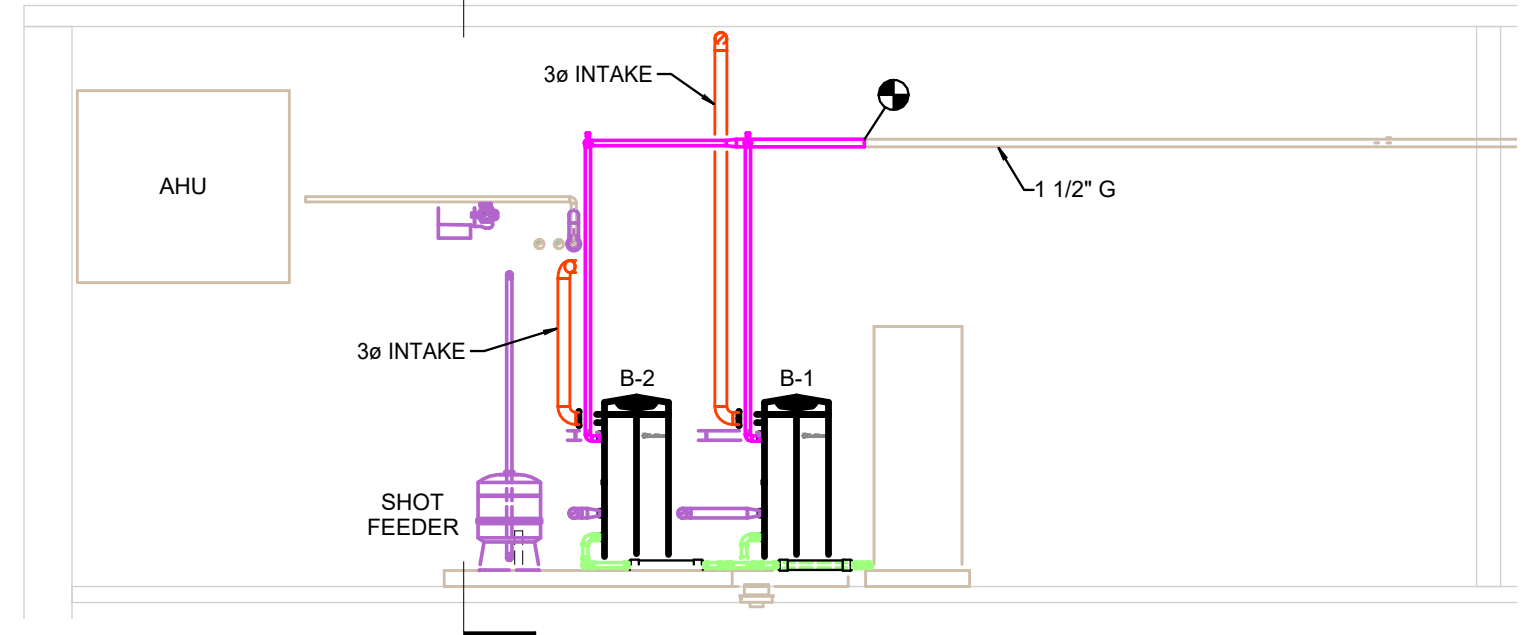
BOILER ROOM MECHANICAL PLAN
 1/4" = 1'-0"



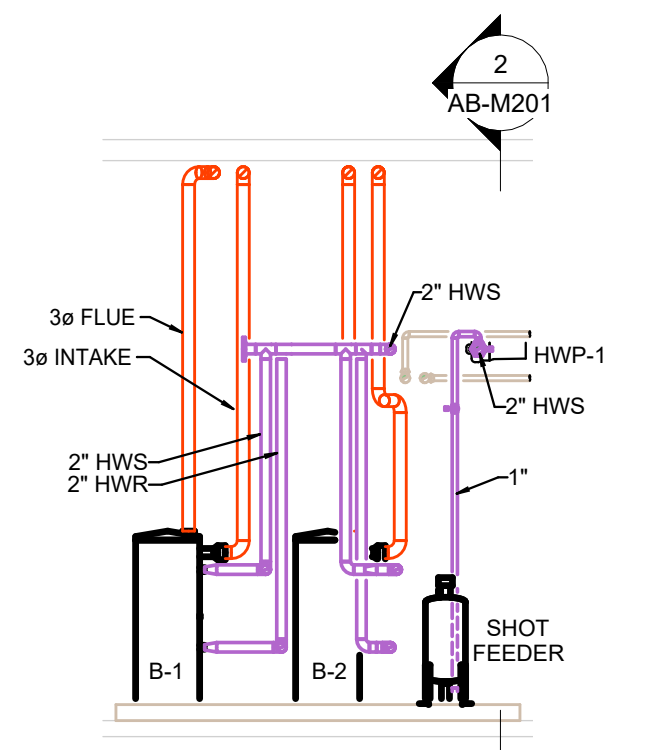
BOILER ROOM FLUE/INTAKE MECHANICAL PLAN
 1/4" = 1'-0"



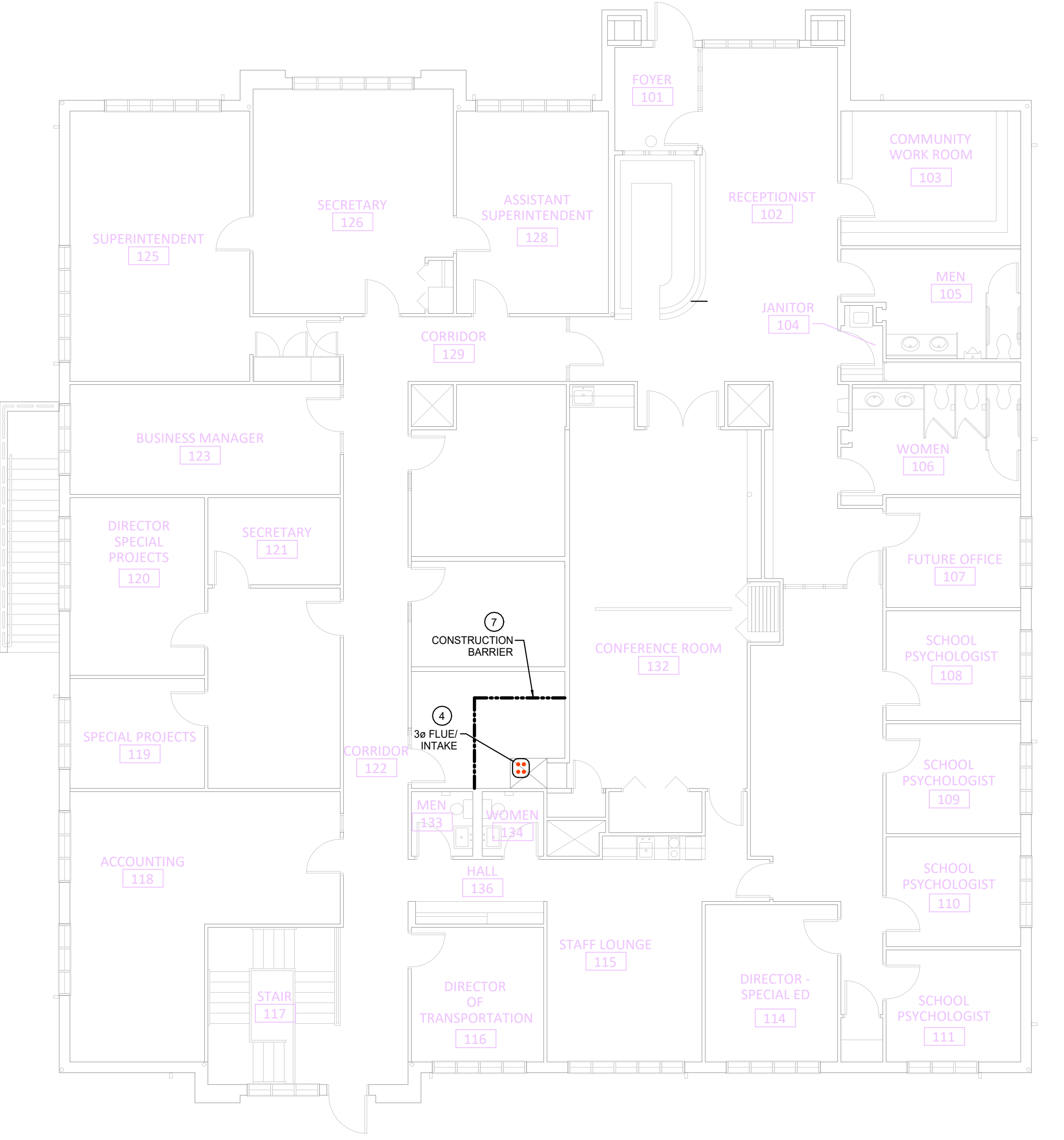
2 MECHANICAL SECTION
 1/4" = 1'-0"



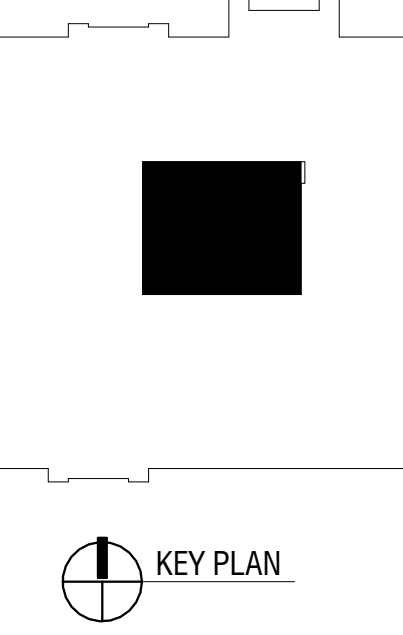
1 MECHANICAL SECTION
 1/4" = 1'-0"



3 MECHANICAL SECTION
 1/4" = 1'-0"

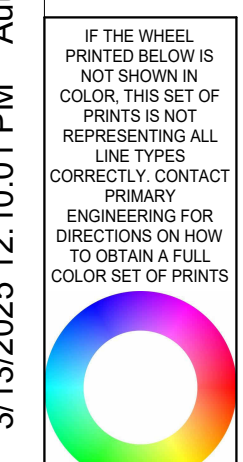


FIRST FLOOR MECHANICAL PLAN
 1/8" = 1'-0"



KEY PLAN

3/13/2025 12:10:01 PM Autodesk Docs/24688 SACS 2025 Chiller Upgrades/24688 SACS Chiller Upgrades - Admin Building - Mech and Plumb - Rvt 24.rvt



SCALE: 1/16" = 1'-0" SCALE: 3/32" = 1'-0" SCALE: 1/8" = 1'-0" SCALE: 1/4" = 1'-0" SCALE: 1/2" = 1'-0" SCALE: 3/4" = 1'-0" SCALE: 1" = 1'-0"