

ADDENDUM #7

Snowden Admin Building Mechanical Upgrades Project No. ANC-C-23-0001

Date: December 2, 2022

To All Plan Holders:

The following changes, additions, clarifications, and/or deletions are hereby made a part of the Contract Documents for the above noted project, fully and completely as if the same were fully contained therein. All other terms, conditions, and specifications of the original Invitation to Bid remain unchanged.

This amendment must be acknowledged in the space provided on the Bid Schedule.

The Submittal Date and Time is CHANGED. It will now be: **December 16, 2022 at 10:00 a.m.**

The modifications directed by this Addendum #4 are described on this page.

CHANGES TO ADDENDA

1. None.

CHANGES TO SPECIFICATIONS

Addendum #7

1. Changes to drawings as follows:

- a. ADD hydronic system isolation valves as indicated on reissued drawings M201 and M202.
- b. DEMOLISH existing floor drain and PROVIDE new floor drain, FD-1, as indicated on reissued drawings M108 and M303.
- c. ADD sheet note #4, vent piping, and VTR, for new floor drain, FD-1, connection clarification as indicated on reissued drawing M301.

No other changes have been made.

NOTE: all Addendum's must be acknowledged in your proposal.

SUBMITTED QUESTIONS AND ANSWERS:

1. Drawing M-108 shows an existing floor drain that is to remain. Detail 1 on M-301 shows a FD-1 floor drain being installed in the same location. Is there a new drain required as shown on M-301 or does the existing drain remain as shown on M108?

AMC Response: The fan room floor drain is to be demolished and replaced, see reissued drawings M108 and M303. The new boiler room on M301 will have a new floor drain as shown.

2. Detail 1 on M-301 shows a new FD-1 floor drain being installed. There is nothing shown clarifying where this drain is to be connected. Please advise.

AMC Response: See reissued drawing M301 for new floor drain, FD-1, connection clarification.

3. In addition to the TP-1 trap primer in the new mechanical room shown on M-301 there are TP-1 trap primers shown in Fan Room 226 on detail 1, Drawing M-302 and Mechanical Room 307, Drawing M-303. Are these new or existing trap primers. If they are new where is the water supply to these to come from?

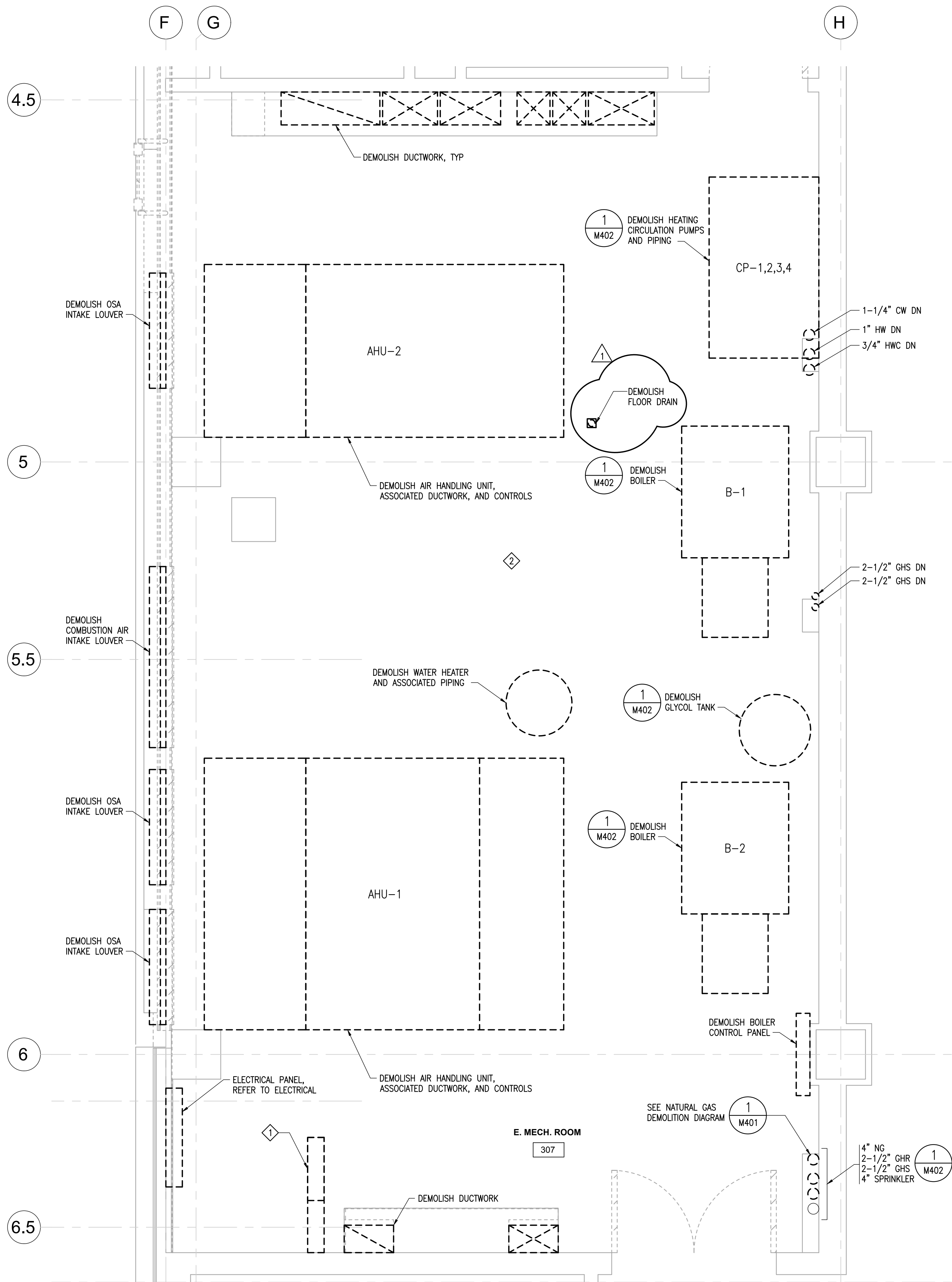
AMC Response: These are all new trap primers. Fan Room 226 trap primer CW connection is shown on 2/M302 by sheet note #2. Mech Room 307 trap primer CW connection is shown on 2/M303 by sheet note #5. Boiler room 302 trap primer CW connection is shown on diagram 3/M401.

4. The demo drawings M-101 and M-102 show the existing first and second floor baseboard remaining and the piping serving the baseboard replaced with new piping. As there are no details showing any new valves, vents, drains, etc. being installed at the existing baseboard is the intent is to replace the piping only. If this is true can the connections to the existing baseboard piping be made in the ceiling space and avoid opening of walls to install new piping from ceiling to the baseboard connections.

AMC Response: Yes, the design intent is to replace the above ceiling piping only. The piping in the walls and fintube enclosures are to remain. The isolation and control valves were generally observed and assumed to be inside the fintube enclosures and were fairly recently replaced.

END OF ADDENDUM #7

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1 ENLARGED FAN ROOM PLAN - DEMOLITION
M108 SCALE: 1/2" = 1'-0"



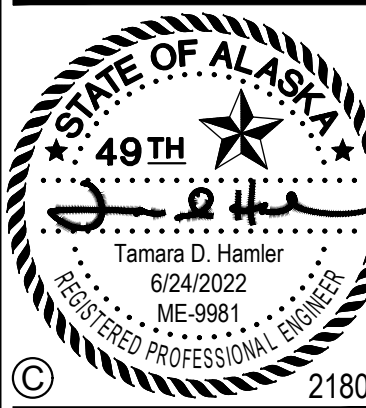
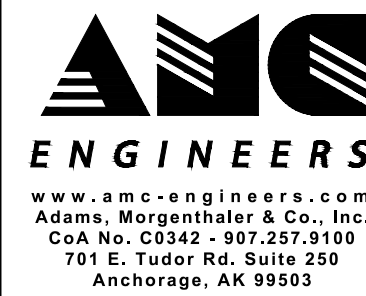
MOA ePlans Stamp

NOTIFICATION OF POTENTIAL HAZARDS

ASBESTOS, LEAD, AND OTHER HAZARDOUS MATERIALS ARE PRESENT IN THE BUILDING AND MAY IMPACT THE WORK OF ALL TRADES. REGULATED AIR CONTAMINANTS, INCLUDING ASBESTOS AND LEAD, ARE ALSO PRESENT IN SETTLED AND CONCEALED DUST IN AND ON ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL COMPONENTS OR SYSTEMS THROUGHOUT THE BUILDING. ALL TRADES SHALL COORDINATE WITH OTHER TRADES AND CONDUCT THEIR WORK TO PREVENT WORKER EXPOSURE OR SITE CONTAMINATION. REFER TO SPECIFICATION DIVISIONS 0, 1, AND 2 FOR SPECIFIC INFORMATION CONCERNING DISTURBING, REMOVING, AND DISPOSING OF THESE MATERIALS AND THE INSTALLATION OF THE NEW MATERIALS OR COMPONENTS. THIS NOTIFICATION IS PROVIDED IN ACCORDANCE WITH EPA AND OSHA REQUIREMENTS.

DEMOLITION NOTES

- 1 REMOVE AND RETAIN BAS PANEL FOR RELOCATION.
- 2 MODIFY FIRE PROTECTION PIPING TO SUPPORT INSTALLATION OF NEW EQUIPMENT, PIPING, AND DUCTWORK. ADD, REMOVE, OR RELOCATE SPRINKLERS TO PROVIDE FULL COVERAGE.
- 3 NOT ALL DUCTWORK, PIPING, AND EQUIPMENT SHOWN. INTENT IS TO DEMOLISH EQUIPMENT, DUCTWORK, AND PIPING WITHIN MECHANICAL ROOM COMPLETELY.
- 4 COORDINATE LIMITS OF DEMOLITION WITH NEW WORK.
- 5 FIELD VERIFY EXISTING CONDITIONS.



**ALASKA COURT SYSTEM
SNOWDEN ADMIN BUILDING
MECHANICAL UPGRADES**

Revisions

No.	Date	Description
1	11/17/22	BID ADDENDA

1 INCH AT FULL SIZE
IF NOT 1 INCH,
SCALE ACCORDINGLY

Designed by: TBD/MPL

Checked by: TDH

AMC Project: 21805

Date: 6/24/2022

Project Phase
PERMIT DRAWINGS

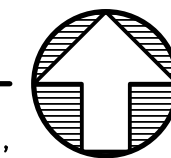
Sheet Title
ENLARGED FAN
ROOM PLAN -
DEMOLITION

Sheet Number

M108

1 FIRST FLOOR PLAN - PIPING

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SHEET NOTES

1. CONNECT EXISTING FINITUBE ON FIRST AND SECOND FLOORS, TYPICAL.
2. CONNECT EXISTING UNIT HEATER, TYPICAL, SEE DETAIL 2/M503.
3. ROUTE CONDENSATE DRAIN PIPING TO INDIRECT DISCHARGE TO MOP SINK IN JANITOR RM 132.
4. WH-2 IN CABINET UNDER SINK. CONNECT TO CW(E) AND HW(E) PIPING WITH ISOLATION VALVES.
5. CONNECT EXISTING CABINET UNIT HEATER, SEE DETAIL 1/M503.
6. PROVIDE SEISMIC PIPING LOOP TO ACCOMMODATE 2" DIFFERENTIAL MOVEMENT AT SEISMIC JOINT BETWEEN GRIDS F AND G.
7. MINIMUM PIPE 3/4". TERMINAL DEVICE BRANCH PIPE IS 3/4" UNLESS OTHERWISE NOTED.
8. MOUNT THERMOSTATS AT 48" AFF.
9. PROVIDE MANUAL HIGH POINT VENTS, LOW POINT DRAIN (WITH CAPPED HOSE CONNECTIONS), AND SLOPE PIPING TO ALLOW FOR COMPLETE DRAINAGE OF THE HYDRONIC SYSTEM.
10. COORDINATE PIPE ROUTING WITH VENTILATION, FIRE PROTECTION, ELECTRICAL, AND STRUCTURAL CONDITIONS. ABOVE-CEILING CLEARANCE LIMITATIONS REQUIRE CLOSE COORDINATION BETWEEN TRADES. IN GENERAL, ROUTE PIPING TO AVOID OBSTRUCTION. WHERE NECESSARY, ROUTE PIPING THROUGH JOISTS AND/OR PENETRATION IN STRUCTURAL BEAMS. COORDINATE WITH STRUCTURAL ENGINEER FOR APPROVAL OF PENETRATIONS IN STRUCTURE.
11. VACUUM FINITUBE ELEMENTS AND WIPE DOWN FINITUBE ENCLOSURES IN AREAS OF WORK.

Revisions		
No.	Date	Description
1	11/17/22	BID ADDENDA

1 INCH AT FULL SIZE
IF NOT 1 INCH,
SCALE ACCORDINGLY

Designed by: TBD/MPL

Checked by: TDH

AMC Project: 21805

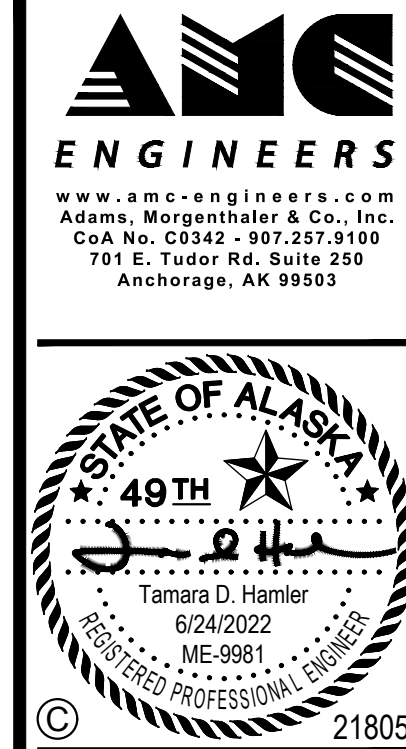
Date: 6/24/2022

Project Phase
PERMIT DRAWINGS

Sheet Title
FIRST FLOOR PLAN -
PIPING

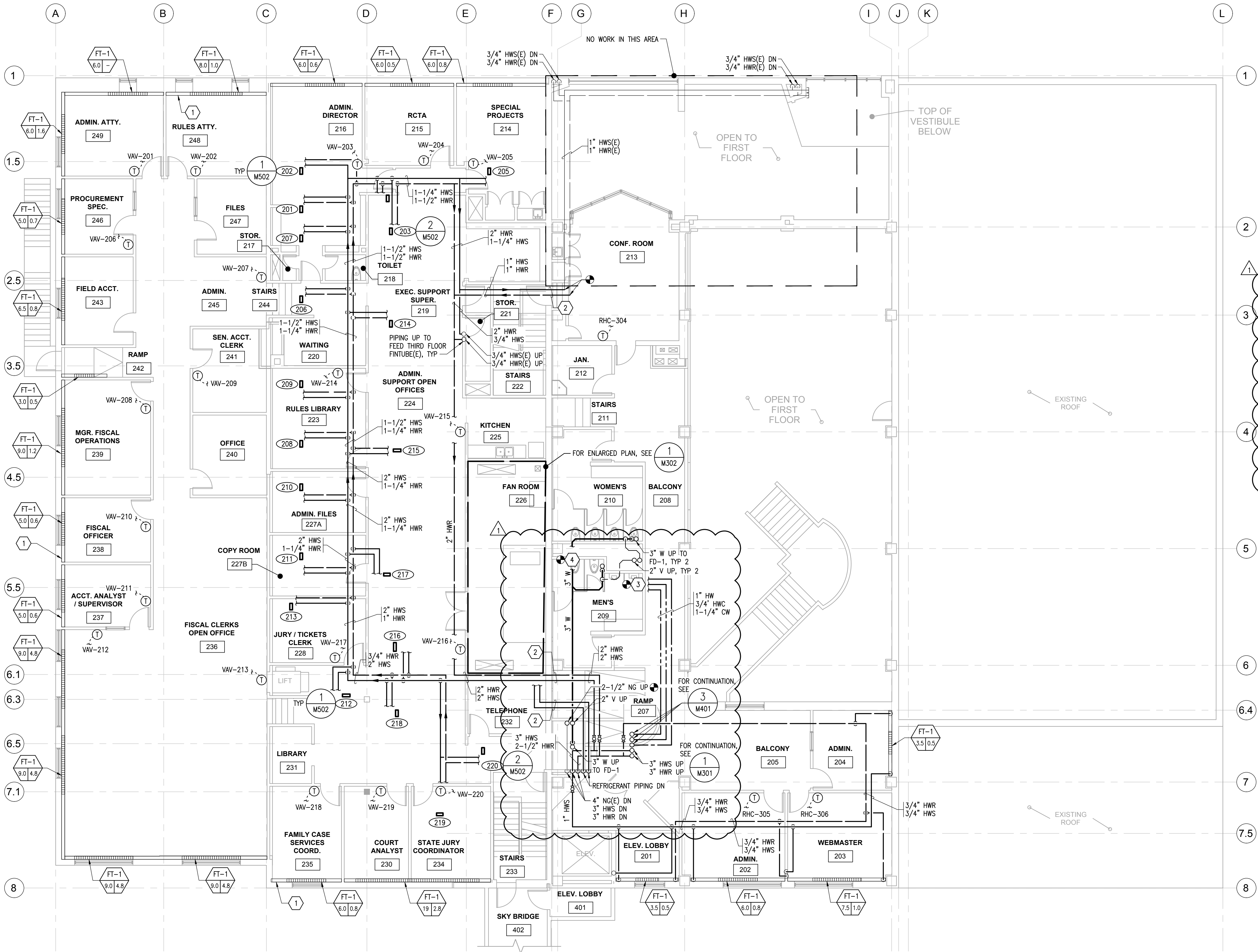
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M201



**ALASKA COURT SYSTEM
SNOWDEN ADMIN BUILDING
MECHANICAL UPGRADES**

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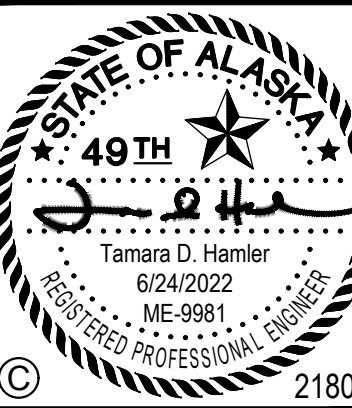
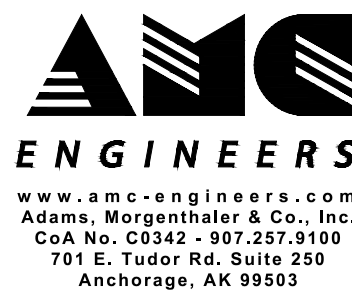
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SHEET NOTES

1. PIPING TO FINTUBE FROM FLOOR BELOW, TYPICAL. REFER TO 1/M201.
2. PROVIDE SEISMIC PIPING LOOP TO ACCOMMODATE 2" DIFFERENTIAL MOVEMENT AT SEISMIC JOINT BETWEEN GRIDS F AND G.
3. CONNECT 1-1/4" CW, 1" HW, AND 3/4" HWC TO EXISTING PLUMBING PIPING IN TOILET ROOM.
4. FIELD ROUTE AND CONNECT FLOOR DRAIN WASTE PIPING TO EXISTING PIPING IN TOILET CHASE.
5. BALANCE EXISTING FINTUBE TO INDICATED GPM, TYPICAL.
6. MINIMUM PIPE 3/4". TERMINAL DEVICE BRANCH PIPE IS 3/4" UNLESS OTHERWISE NOTED.
7. MOUNT THERMOSTATS AT 48" AFF.
8. PROVIDE MANUAL HIGH POINT VENTS, LOW POINT DRAINS (WITH CAPPED HOSE CONNECTIONS), AND SLOPE PIPING TO ALLOW FOR COMPLETE DRAINAGE OF THE HYDRONIC SYSTEM.
9. COORDINATE PIPE ROUTING WITH VENTILATION, FIRE PROTECTION, ELECTRICAL, AND STRUCTURAL CONDITIONS. ABOVE-CEILING CLEARANCE LIMITATIONS REQUIRE CLOSE COORDINATION BETWEEN TRADES. IN GENERAL, ROUTE PIPING THROUGH JOISTS AND/OR PENETRATION IN STRUCTURAL BEAMS. COORDINATE WITH STRUCTURAL ENGINEER FOR APPROVAL OF PENETRATIONS IN STRUCTURE.
10. VACUUM FINTUBE ELEMENTS AND WIPE DOWN FINTUBE ENCLOSURES IN AREAS OF WORK, TYPICAL.
11. FOR TYPICAL PIPE PENETRATION, SEE DETAIL 1/M506.



ALASKA COURT SYSTEM SNOWDEN ADMIN BUILDING MECHANICAL UPGRADES

Revisions

No.	Date	Description
1	11/17/22	BID ADDENDA

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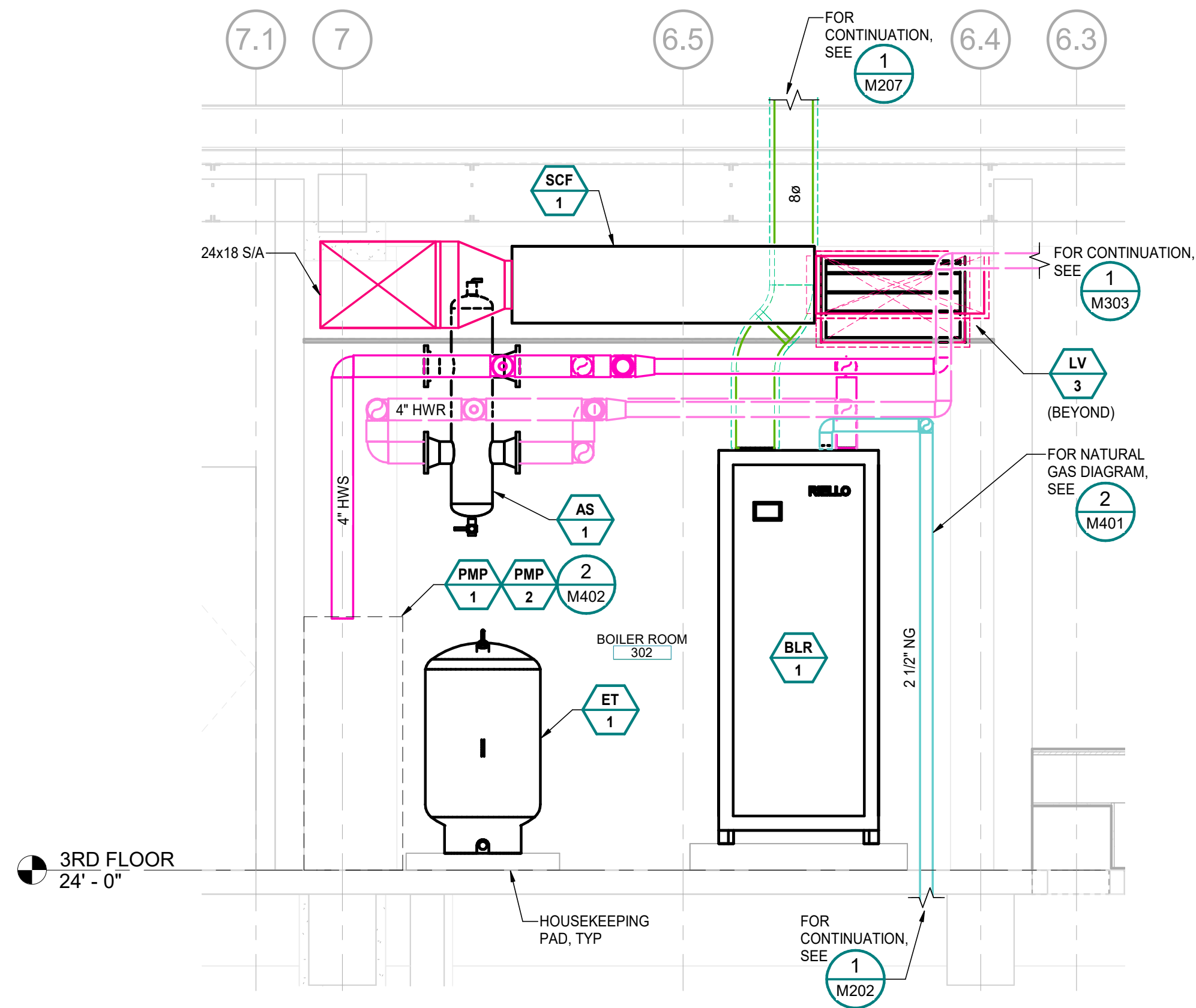
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Checked by: TDH
AMC Project: 21805
Date: 6/24/2022
Project Phase
PERMIT DRAWINGS

Sheet Title
**SECOND FLOOR
PLAN - PIPING**

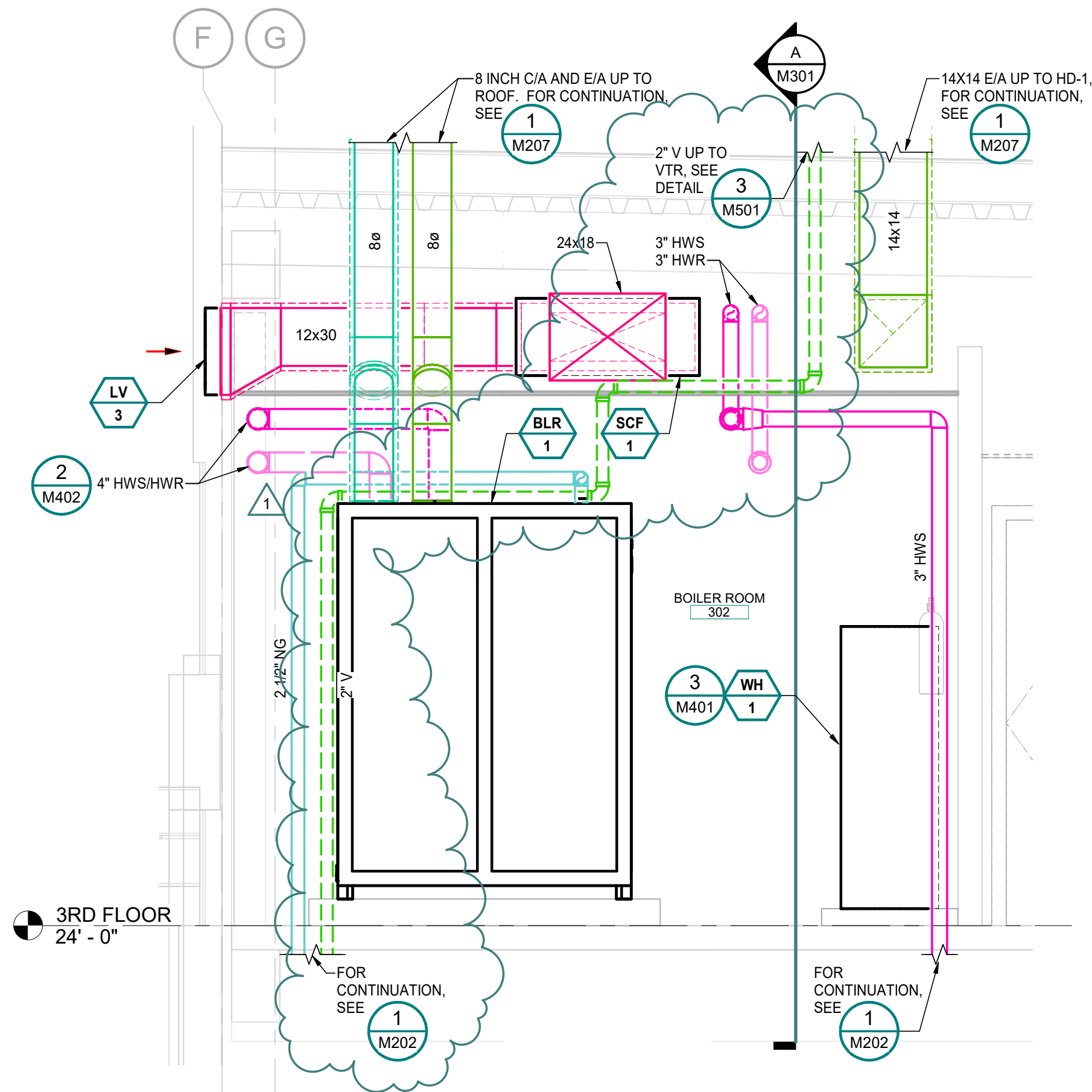
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M202

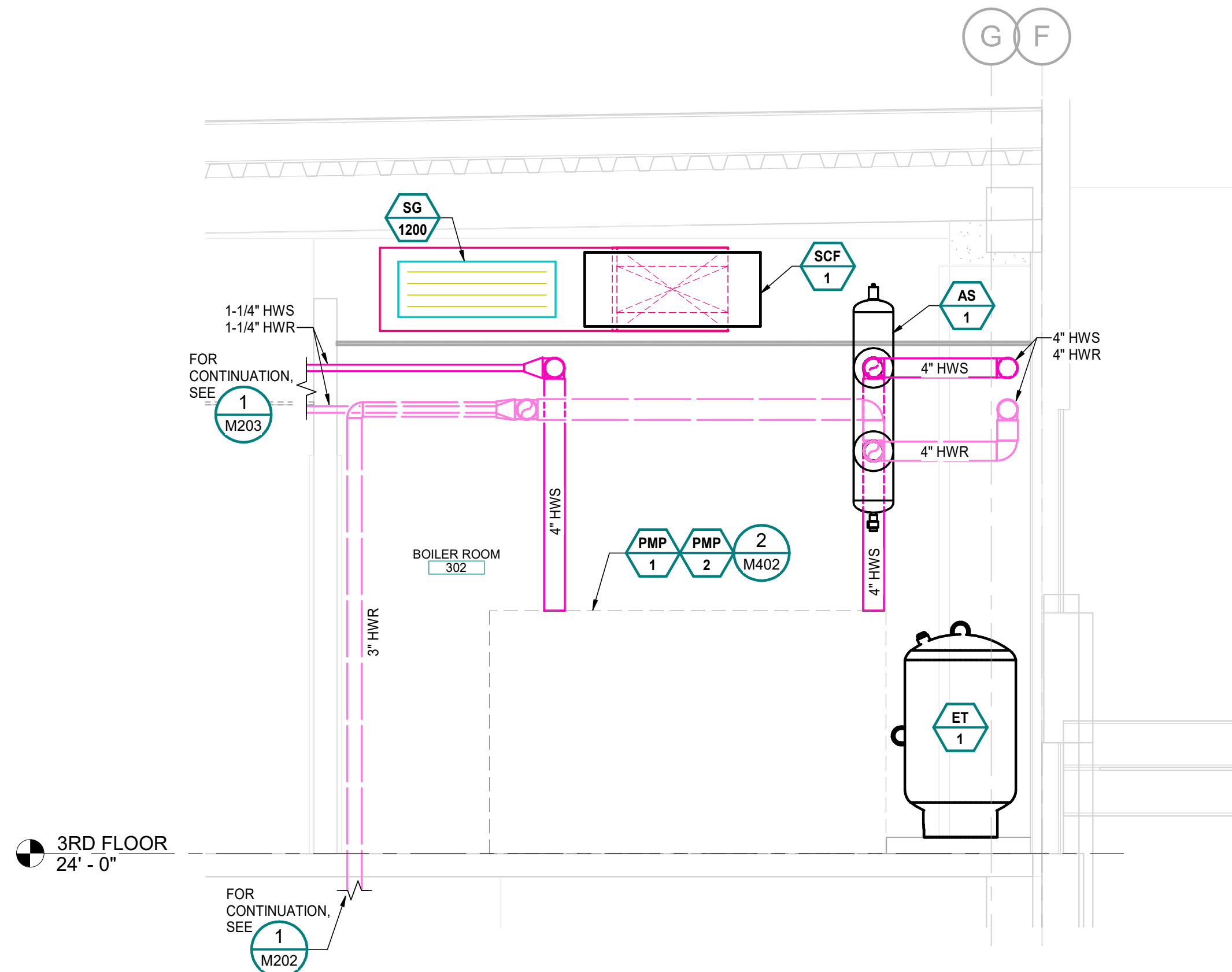
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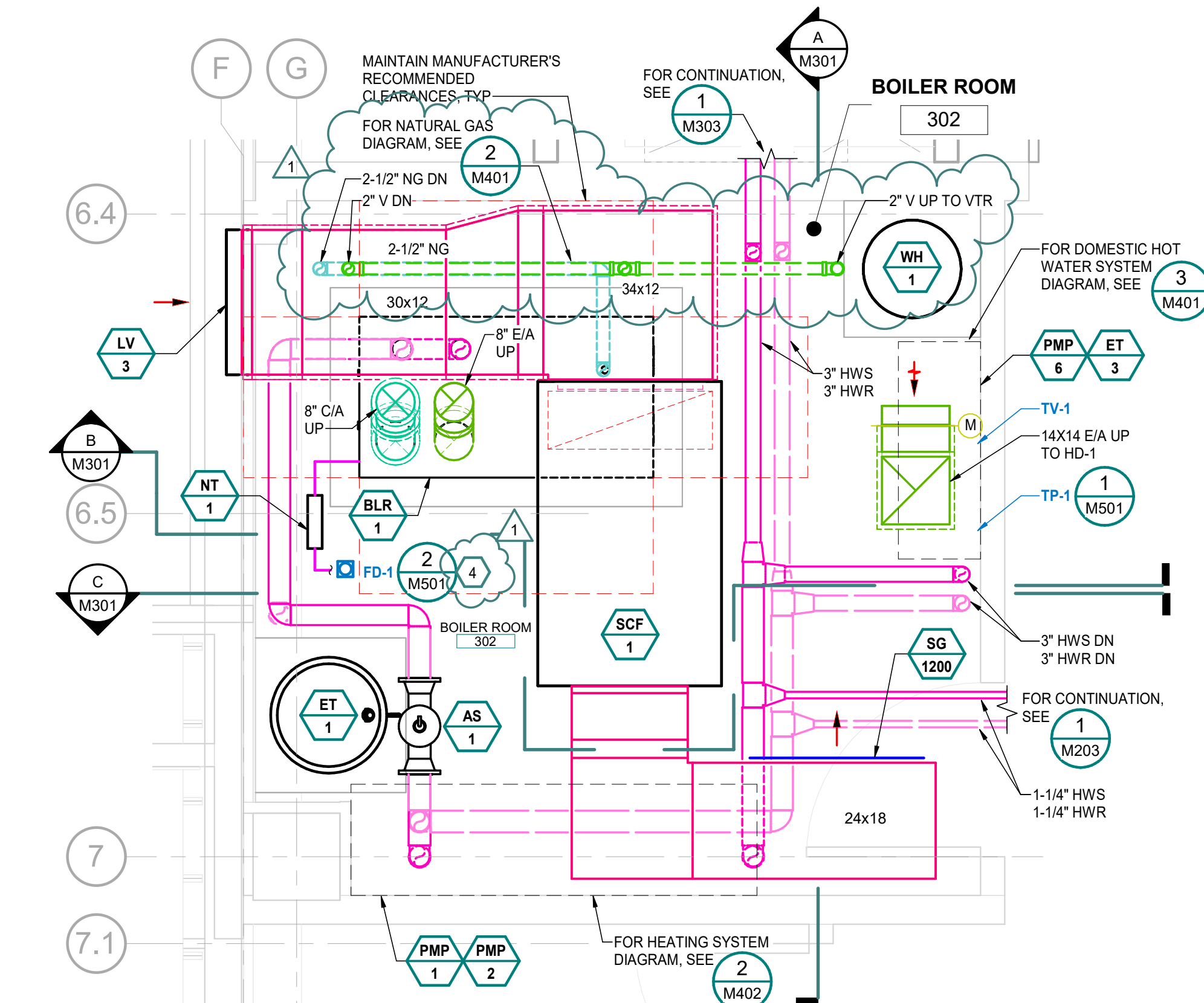
A BOILER SECTION - WEST
M301 Scale: 1/2" = 1'-0"



B BOILER SECTION - NORTH
M301 Scale: 1/2" = 1'-0"



C BOILER SECTION - SOUTH
M301 Scale: 1/2" = 1'-0"



1 ENLARGED BOILER ROOM PLAN
M301 Scale: 1/2" = 1'-0"

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SHEET NOTES

1. MINIMUM PIPE SIZE IS 3/4". TERMINAL DEVICE BRANCH PIPE IS 3/4", UNLESS OTHERWISE NOTED.
2. PROVIDE MANUAL HIGH POINT VENTS, LOW POINT DRAINS (WITH CAPPED HOSE CONNECTIONS), AND SLOPE PIPING TO ALLOW FOR COMPLETE DRAINAGE OF THE HYDRONIC SYSTEM.
3. FOR TYPICAL PIPE AND DUCT PENETRATION, SEE DETAIL 1/M506.
4. FIELD ROUTE AND CONNECT FLOOR DRAIN WASTE PIPING TO DWV/E PIPING IN CEILING BELOW. CONNECT P-TRAP TO TRAP PRIMER TP-1 IN BOILER ROOM 302. FIELD ROUTE VENT PIPING IN BOILER ROOM AND PROVIDE NEW VTR, SEE DETAIL 3/M501.

ALASKA COURT SYSTEM SNOWDEN ADMIN BUILDING MECHANICAL UPGRADES

Revisions

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1	11/17/22	BID ADDENDA

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Designed by: TBD/MPL

Checked by: TDH

AMC Project: 21805

Date: 6/24/2022

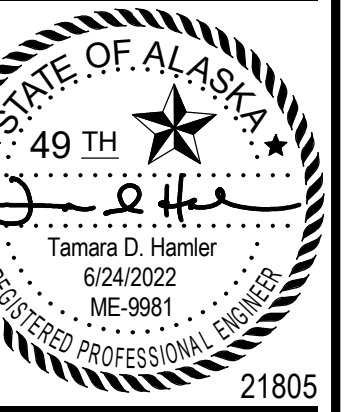
Project Phase
PERMIT DRAWINGS

Sheet Title
ENLARGED BOILER ROOM

Sheet Number

M301

AMC ENGINEERS
www.amc-engineers.com
Adams, Morgenthaler & Co., Inc.
CoA No. C0342 - 907.257.9100
701 E. Tudor Rd., Suite 250
Anchorage, AK 99503



FILE NAME: C:\Users\jzajac\Documents\21805 SNOWDEN - MEP_jzajac_amc.rvt
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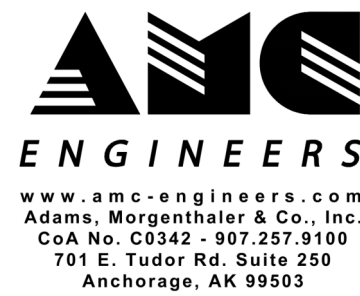
SHEET NOTES

- 100X16 R/A DUCT WITH LINED SOUND Baffle. TERMINATE DUCT AT 3' AFF WITH 1/2" MESH SCREEN.
- SPRINKLER MAIN TO REMAIN. PROVIDE SPRINKLER COVERAGE TO FAN ROOM AND BOILER ROOM.
- LOCATE DUCT MOUNTED REHEAT COIL AT 48" AFF, TYP 4. REFER TO DETAIL 5/M504.
- PROVIDE FLEXIBLE DUCT CONNECTION TO ACCOMMODATE 2" DIFFERENTIAL MOVEMENT AT SEISMIC JOINT BETWEEN GRIDS F AND G.
- CONNECT 1/2" CW PIPE TO CW(E) IN ADJACENT TOILET ROOM.
- FIELD ROUTE AND CONNECT FLOOR DRAIN WASTE AND VENT PIPING TO DWV(E) PIPING IN CEILING BELOW. CONNECT P-TRAP TO TP-1 IN NEW MECH. ROOM 307A.
- RELOCATE EXISTING BAS PANEL. REFER TO ELECTRICAL.
- PROVIDE 24" WIDE ACCESS DOOR.
- TERMINATE DUCT AT 3' AFF WITH 1/2" MESH SCREEN.
- GHS/GHR PIPING SHOWN OFFSET FOR CLARITY. ROUTE PIPING VERTICALLY ALONG WALL.
- PROVIDE 12X24 SHEET METAL DRAIN PAN WITH FLOOR DRAIN, SEE DETAIL 4/M501.
- PROVIDE 112X60 SHEET METAL DRAIN PAN WITH FLOOR DRAIN FOR OSA INTAKE PLENUM, SEE DETAIL 4/M501.
- REFRIGERANT PIPING ROUTED FROM ACC-1, ACC-2, ACC-3, AND ACC-4 TO CC-1, CC-2, CC-3, AND CC-4 IN FAN ROOM. PROVIDE REFRIGERANT PIPING AND VALVING IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDED INSTALLATION INSTRUCTIONS.
- PROVIDE SEISMIC PIPING LOOP FOR PIPING TO ACCOMMODATE 2" DIFFERENTIAL MOVEMENT AT SEISMIC JOINT BETWEEN GRIDS F AND G.
- MINIMUM PIPE SIZE IS 3/4". TERMINAL DEVICE BRANCH PIPE IS 3/4", UNLESS OTHERWISE NOTED.
- PROVIDE MANUAL HIGH POINT VENTS, LOW POINT DRAINS (WITH CAPPED HOSE CONNECTIONS), AND SLOPE PIPING TO ALLOW FOR COMPLETE DRAINAGE OF THE HYDRONIC SYSTEM.
- THE THIRD FLOOR FLOOR ASSEMBLY IS A ONE HOUR FIRE BARRIER EAST OF GRIDLINE G. PROVIDE FIRESTOPPING AT THIRD FLOOR PENETRATIONS TO MAINTAIN REQUIRED FIRE RATED ASSEMBLY.
- GHS/GHR PIPING SHOWN ON LOWER PLAN FOR CLARITY. SEE DIAGRAM 1/M403.
- FOR TYPICAL PIPE AND DUCT PENETRATION, SEE DETAIL 1/M506.

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Revisions

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1	11/17/22	BID ADDENDA

1 INCH AT FULL SIZE

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Checked by: TDH

AMC Project: 21805

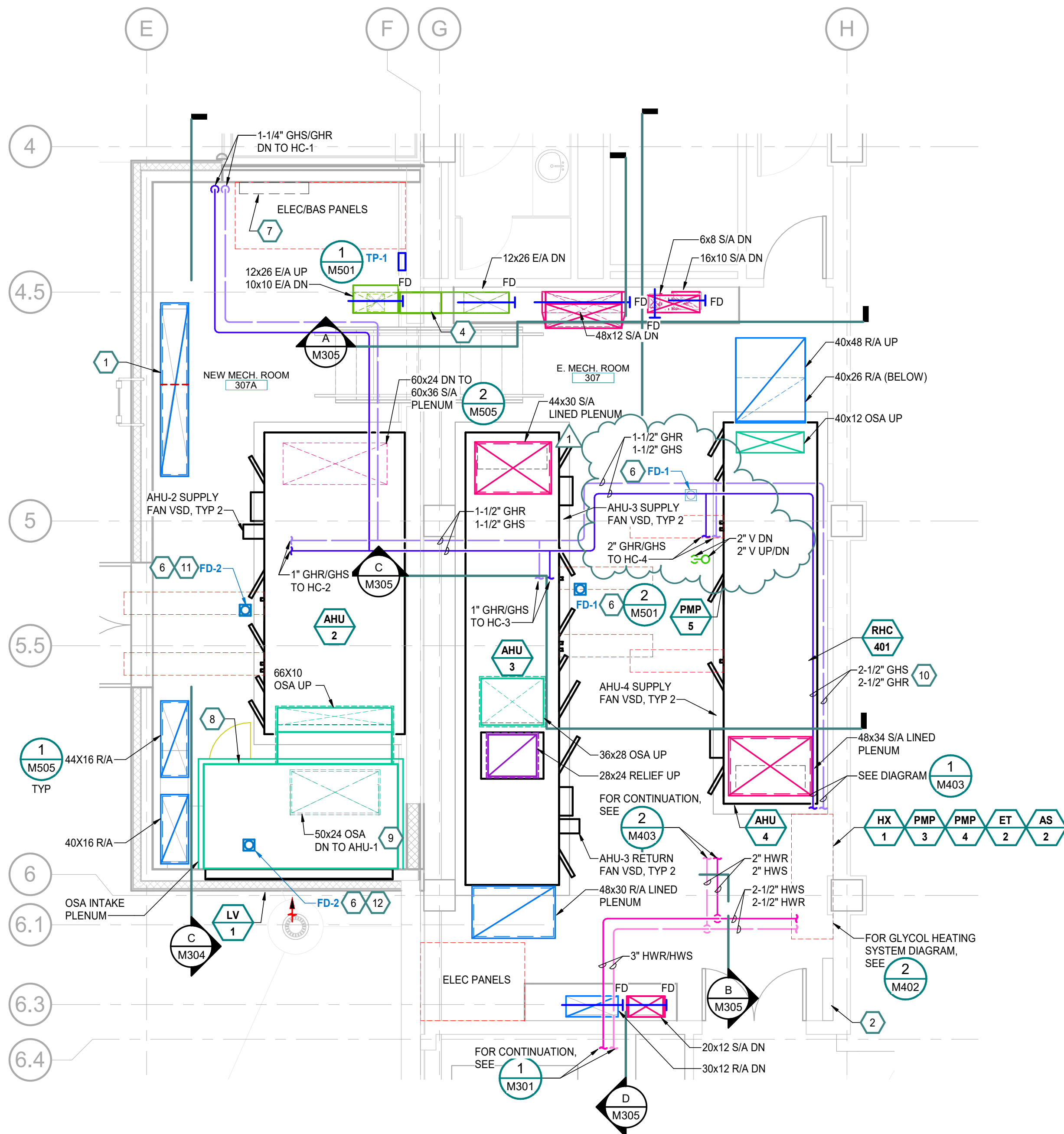
Date: 6/24/2022

Project Phase
PERMIT DRAWINGS

Sheet Title
ENLARGED THIRD
FLOOR FANROOM
PLAN

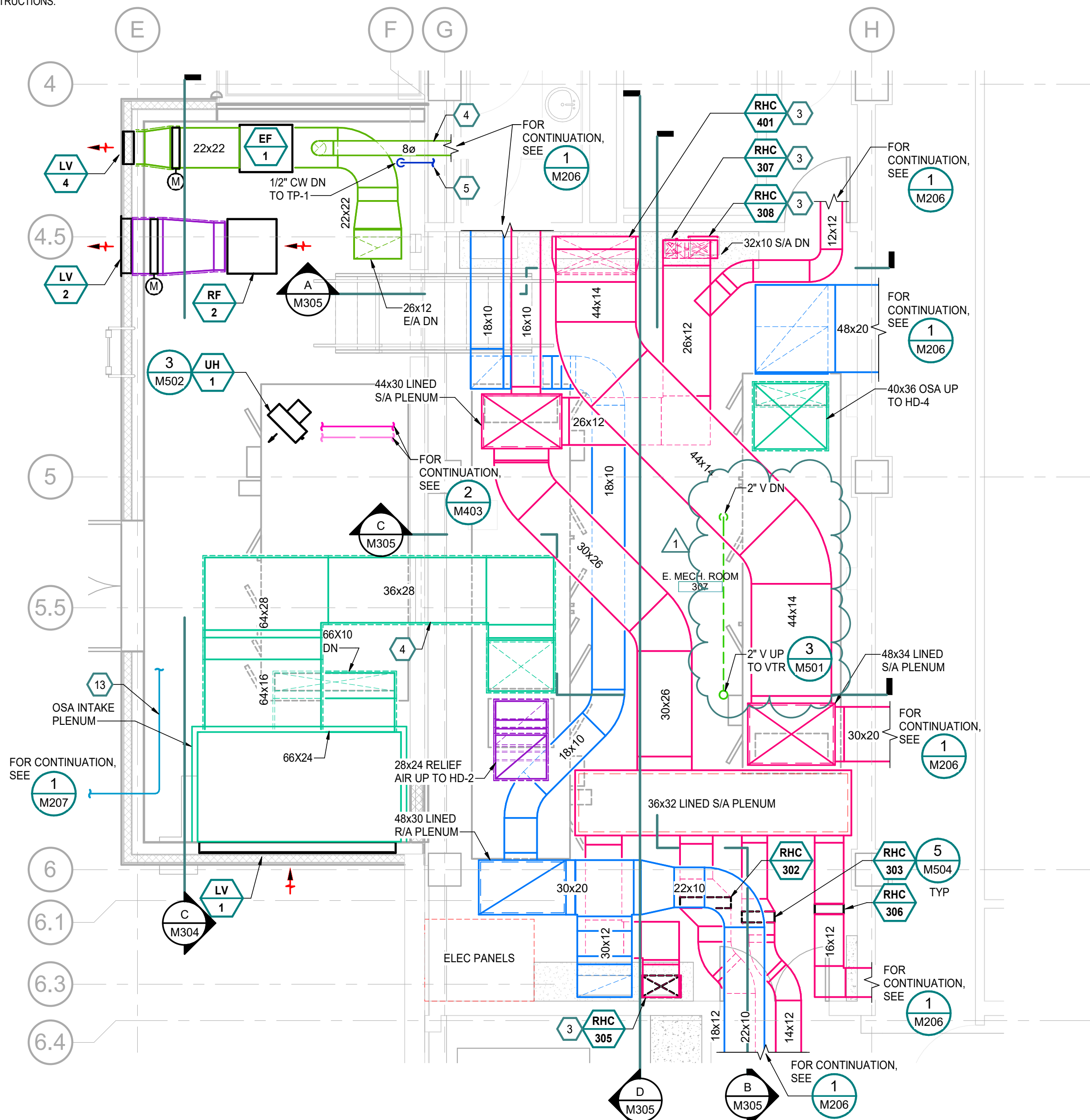
Sheet Number

M303



1 ENLARGED - THIRD FLOOR FANROOM (LOWER)

M303 Scale: 1/4" = 1'-0"



2 ENLARGED - THIRD FLOOR FANROOM (UPPER)

M303 Scale: 1/4" = 1'-0"