

- PLAN NOTES**
1. PROVIDE AND INSTALL NEW CONTROLS FOR EXISTING EQUIPMENT. REFER TO DRAWING SHEET M601 FOR MORE INFORMATION.
 2. PROVIDE AND INSTALL NEW THERMOSTAT FOR EXISTING EQUIPMENT. ROUTE NEW WIRING THROUGH SURFACE RACEWAY TO NEW THERMOSTAT AT ADA ACCESSIBLE MOUNTING HEIGHT.
 3. CORE DRILL EXISTING EXTERIOR MASONRY WALL FROM EXTERIOR FOR NEW CONDENSATE PIPE PENETRATION. SEAL WITH COLOR MATCHING NON-SHRINK GROUT.
 4. PROVIDE AND INSTALL NEW VERTICAL UNIT VENTILATOR. REFER TO UNIT VENTILATOR DETAILS ON DRAWING SHEET M601 FOR MORE INFORMATION.
 5. CONNECT NEW 8" WIDE x 30" TALL OUTSIDE AIR DUCT THROUGH NEW CEILING FROM EXISTING LOUVER TO NEW UNIT VENTILATOR REAR PLENUM.
 6. PROVIDE AND INSTALL THROUGH-WALL RELIEF AIR OPENING ABOVE CEILING. LOCATE TO MAINTAIN CLEARANCE EQUAL TO MINOR DUCT DIMENSION OR 12" MINIMUM EACH SIDE FOR AIRFLOW.
 7. PROVIDE AND INSTALL NEW ROOF-MOUNTED RELIEF FAN. CUT EXISTING ROOF AS REQUIRED FOR NEW OPENING. MAINTAIN EXISTING ROOF WARRANTY.
 8. PROVIDE AND INSTALL REFRIGERANT EXHAUST GRILLE APPROX. 12" AFF.
 9. REFRIGERANT MONITORING PANEL FURNISHED AND INSTALLED BY TCC. REFER TO REFRIGERANT MONITORING DETAIL ON DRAWING SHEET M601 FOR MORE INFORMATION.
 10. REFRIGERANT MONITOR AV ALARM WITH ENGRAVED PLASTIC LABEL INSTALLED IN BOILER ROOM AND AT EACH ENTRANCE TO THE BOILER ROOM. FURNISHED AND INSTALLED BY TCC. REFER TO REFRIGERANT MONITORING DETAIL ON DRAWING SHEET M601 FOR MORE INFORMATION.
 11. PROVIDE AND INSTALL NEW EXHAUST FAN. REFER TO EXISTING PIPING.
 12. PROVIDE AND INSTALL NEW ROOF CAP. CUT EXISTING ROOF AS REQUIRED FOR NEW OPENING. MAINTAIN EXISTING ROOF WARRANTY.

1 FIRST FLOOR MECHANICAL PLAN - UNIT B
SCALE: 1/8" = 1'-0"



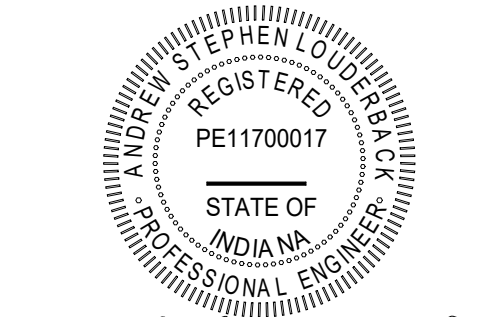
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[Signature]

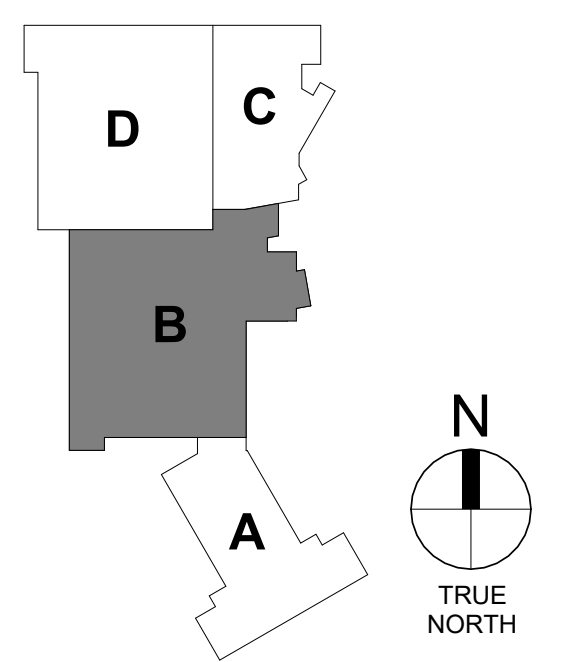
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1	05/20/24	ADDENDUM #1

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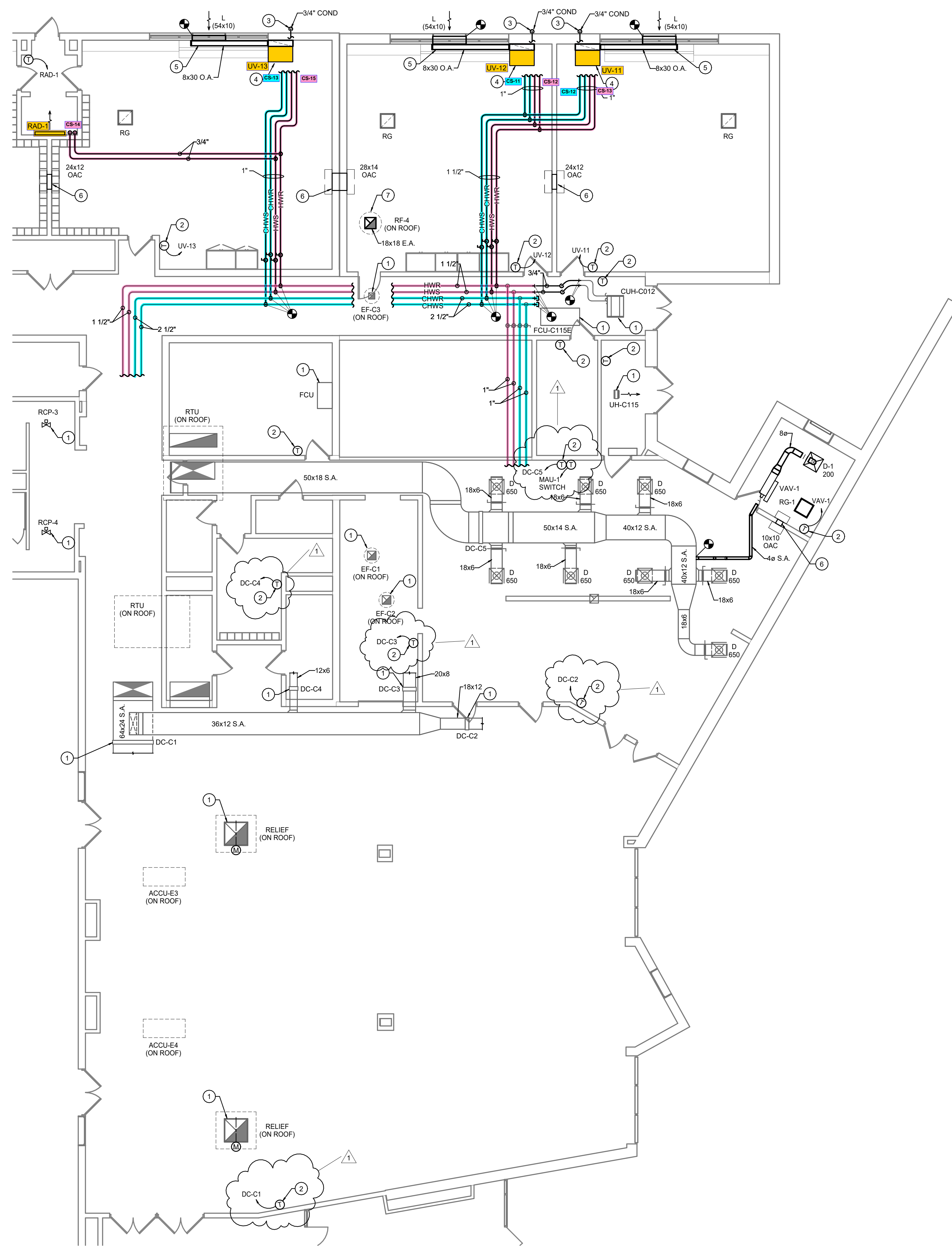
MECHANICAL PLAN - FIRST FLOOR - UNIT B



M101B

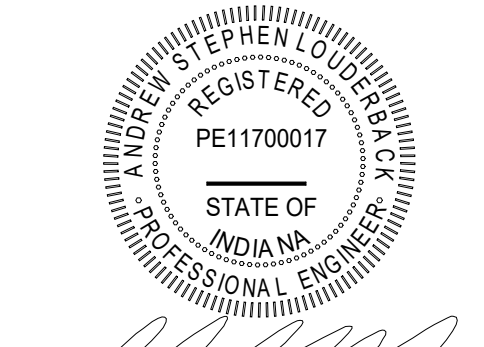
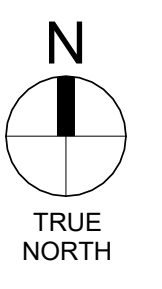
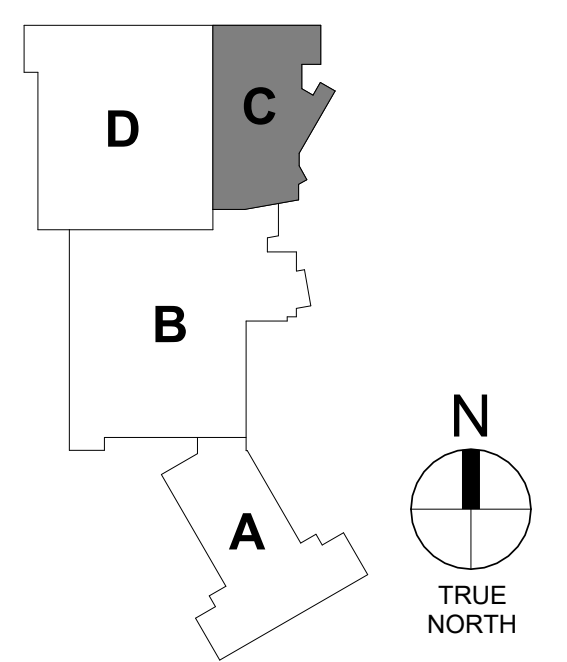
PRIMARY JOB # 24588

- PLAN NOTES**
1. PROVIDE AND INSTALL NEW CONTROLS FOR EXISTING EQUIPMENT. REFER TO DRAWING SHEET M101 FOR MORE INFORMATION.
 2. PROVIDE AND INSTALL NEW THERMOSTAT FOR EXISTING EQUIPMENT. ROUTE NEW WIRING THROUGH SURFACE RACEWAY TO NEW THERMOSTAT AT ADA ACCESSIBLE MOUNTING HEIGHT.
 3. CORE DRILL EXISTING EXTERIOR MASONRY WALL FROM EXTERIOR FOR NEW CONDENSATE PIPE PENETRATION. SEAL WITH COLOR MATCHING NON-SHRINK GROUT.
 4. PROVIDE AND INSTALL NEW VERTICAL UNIT VENTILATOR. REFER TO UNIT VENTILATOR DETAILS ON DRAWING SHEET M101 FOR MORE INFORMATION.
 5. CONNECT NEW 8" WIDE x 30" TALL OUTSIDE AIR DUCT THROUGH NEW CHASE FROM EXISTING LOUVER TO NEW UNIT VENTILATOR REAR PLENUM.
 6. PROVIDE AND INSTALL THROUGH-WALL RELIEF AIR OPENING ABOVE CEILING. LOCATE TO MAINTAIN CLEARANCE EQUAL TO MINOR DUCT DIMENSION OR 12" MINIMUM EACH SIDE FOR AIRFLOW.
 7. PROVIDE AND INSTALL NEW ROOF-MOUNTED RELIEF FAN. CUT EXISTING ROOF AS REQUIRED FOR NEW OPENING. MAINTAIN EXISTING ROOF WARRANTY.



1 FIRST FLOOR MECHANICAL PLAN - UNIT C
SCALE: 1/8" = 1'-0"

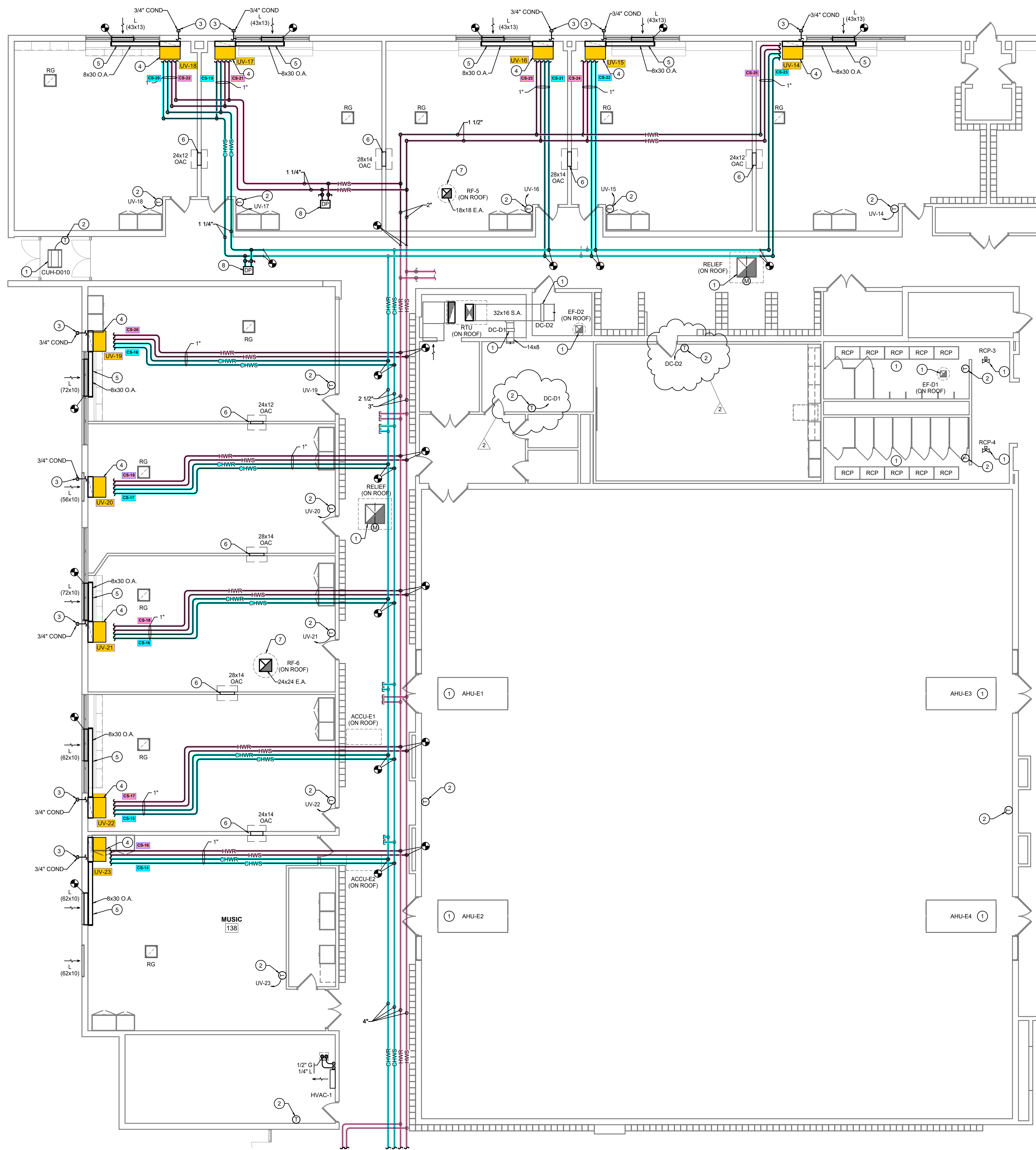
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1	8/12/2024	APPENDIX #2

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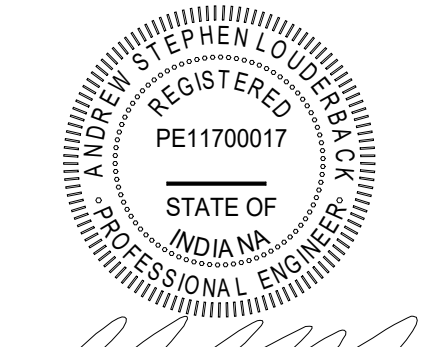
- PLAN NOTES**
1. PROVIDE AND INSTALL NEW CONTROLS FOR EXISTING EQUIPMENT. REFER TO DRAWING SHEET M101 FOR MORE INFORMATION.
 2. PROVIDE AND INSTALL NEW THERMOSTAT FOR EXISTING EQUIPMENT. ROUTE NEW WIRING THROUGH SURFACE RACEWAY TO NEW THERMOSTAT AT ADA ACCESSIBLE MOUNTING HEIGHT.
 3. CORE DRILL EXISTING EXTERIOR MASONRY WALL FROM EXTERIOR FOR NEW CONDENSATE PIPE PENETRATION. SEAL WITH COLOR MATCHING NON-SHRINK GROUT.
 4. PROVIDE AND INSTALL NEW VERTICAL UNIT VENTILATOR. REFER TO UNIT VENTILATOR DETAILS ON DRAWING SHEET M101 FOR MORE INFORMATION.
 5. CONNECT NEW 8" WIDE x 30" TALL OUTSIDE AIR DUCT THROUGH NEW CHASE FROM EXISTING LOUVER TO NEW UNIT VENTILATOR REAR PLENUM.
 6. PROVIDE AND INSTALL THROUGH-WALL RELIEF AIR OPENING ABOVE CEILING. LOCATE TO MAINTAIN CLEARANCE EQUAL TO MINOR DUCT DIMENSION OR 12" MINIMUM EACH SIDE FOR AIRFLOW.
 7. PROVIDE AND INSTALL NEW ROOF-MOUNTED RELIEF FAN. CUT EXISTING ROOF AS REQUIRED FOR NEW OPENING. MAINTAIN EXISTING ROOF WARRANTY.
 8. NEW DIFFERENTIAL PRESSURE SENSOR FOR VARIABLE SPEED PUMP CONTROL.

1 FIRST FLOOR MECHANICAL PLAN - UNIT D
SCALE: 1/8" = 1'-0"



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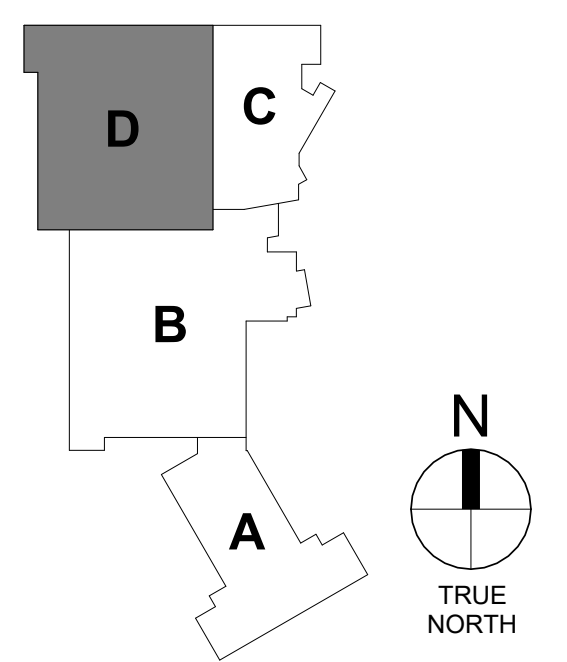
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REVISIONS:	#	DATE	DESCRIPTION
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	2	07/22/24	ADDENDUM #2

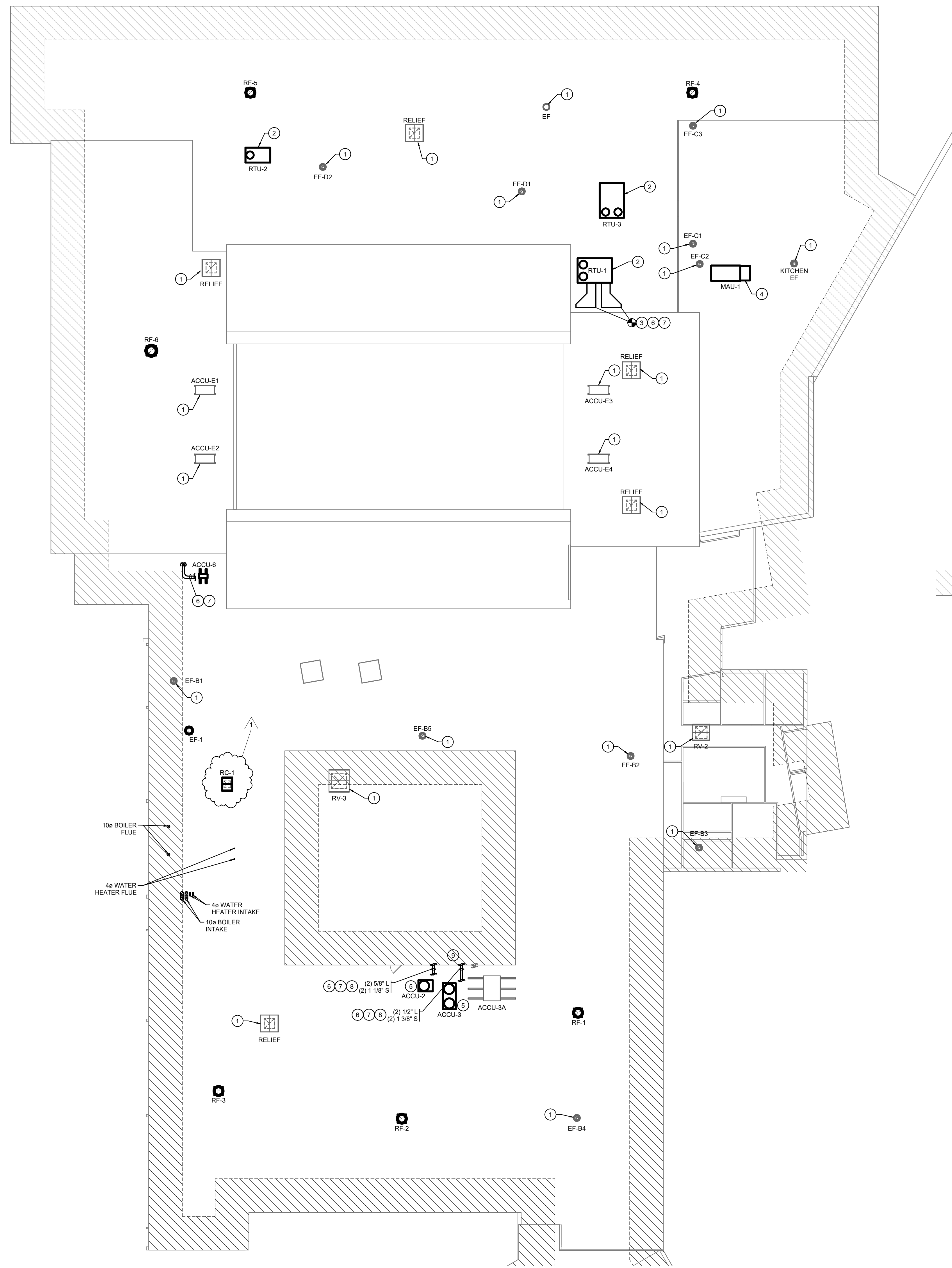
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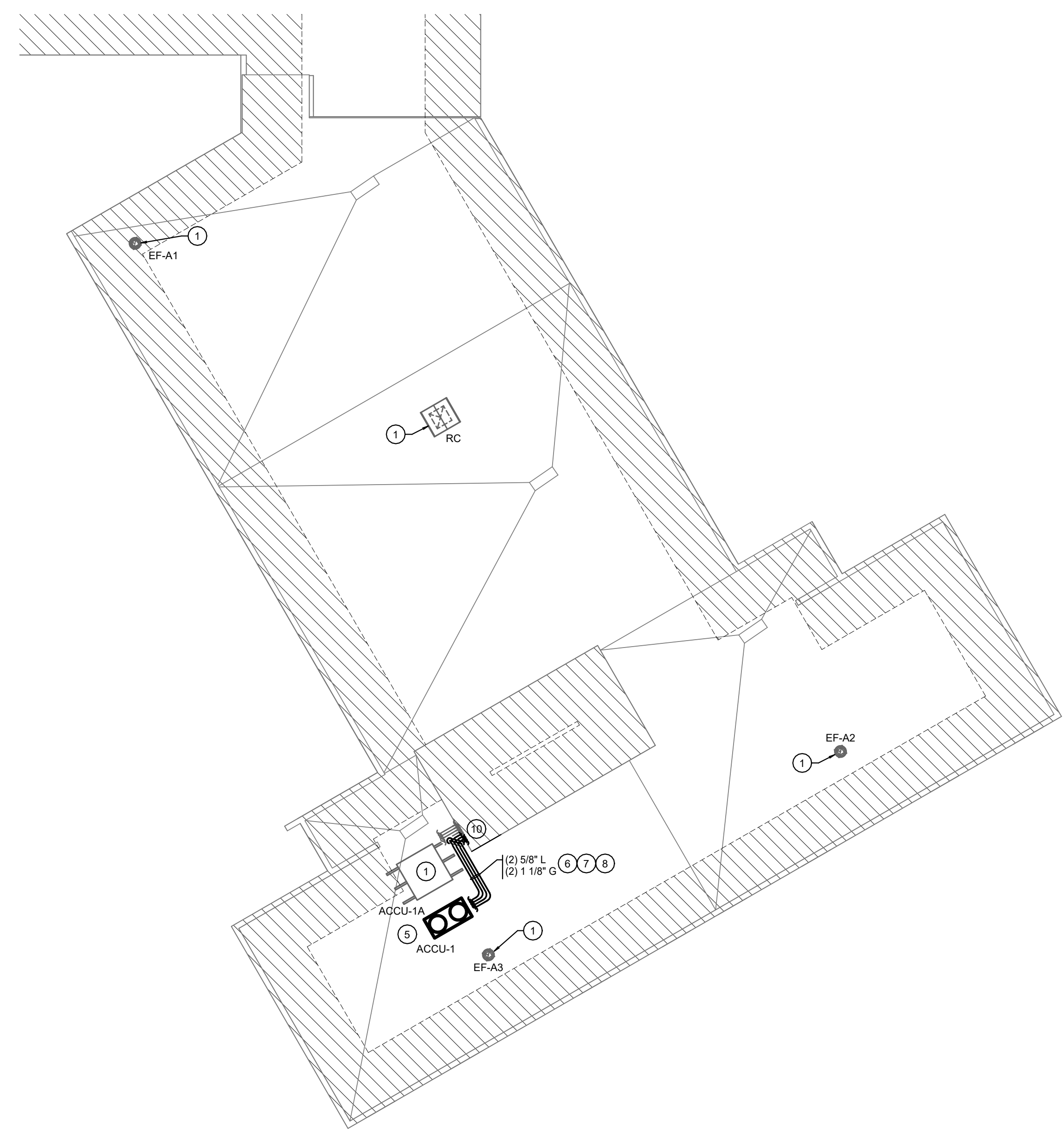
MECHANICAL PLAN - FIRST FLOOR - UNIT D



M101D
TRUE NORTH



1 MECHANICAL PLAN - ROOF - UNITS B, C, AND D
SCALE: 1/16" = 1'-0"



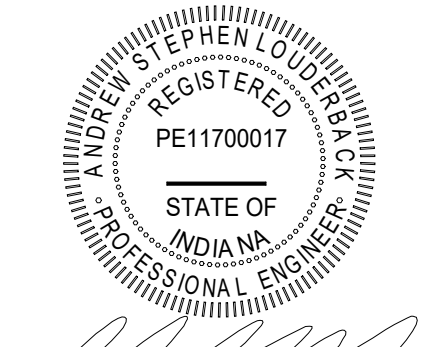
2 MECHANICAL PLAN - ROOF - UNIT A
SCALE: 1/16" = 1'-0"

- PLAN NOTES**
1. PROVIDE AND INSTALL NEW CONTROLS FOR EXISTING EQUIPMENT. REFER TO DRAWING SHEET M101 FOR MORE INFORMATION.
 2. PROVIDE AND INSTALL NEW ROOFTOP UNIT ON EXISTING CURB. RECONNECT TO EXISTING DUCTWORK AND PIPING. PROVIDE AND INSTALL CURB ADAPTER AS REQUIRED.
 3. RECONNECT TO EXISTING THROUGH-WALL DUCTWORK TO CAFETERIA.
 4. PROVIDE AND INSTALL NEW MAKEUP AIR UNIT. RECONNECT TO EXISTING DUCTWORK AND PIPING. PROVIDE AND INSTALL NEW ROOF CURB. MAINTAIN EXISTING ROOF WARRANTY.
 5. PROVIDE AND INSTALL NEW CONDENSING UNIT ON EXISTING EQUIPMENT RAILS. ROUTE NEW REFRIGERANT PIPING TO NEW EVAPORATOR COIL IN EXISTING AIR HANDLING UNIT.
 6. EXTERIOR PIPING AND DUCTWORK SHALL BE INSULATED WITH 2" THICK FLEXIBLE ELASTOMERIC INSULATION WITH ALUMINUM JACKETING.
 7. SUPPORT NEW PIPING AND DUCTWORK FROM ROOF USING B-LINE DURA-BLOK ROOF SUPPORTS WITH STAINLESS STEEL HARDWARE. MAINTAIN EXISTING ROOF WARRANTY.
 8. VERIFY PIPE ROUTING, SIZES, QUANTITIES, AND ALL PIPING REQUIREMENTS WITH MANUFACTURER.
 9. REFER TO UNIT B MEZZANINE PLAN ON DRAWING SHEET M301 FOR CONTINUATION.
 10. REFER TO UNIT A MEZZANINE PLAN ON DRAWING SHEET M301 FOR CONTINUATION.

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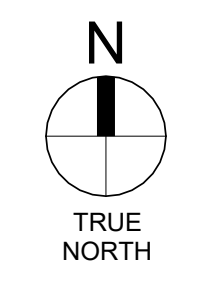
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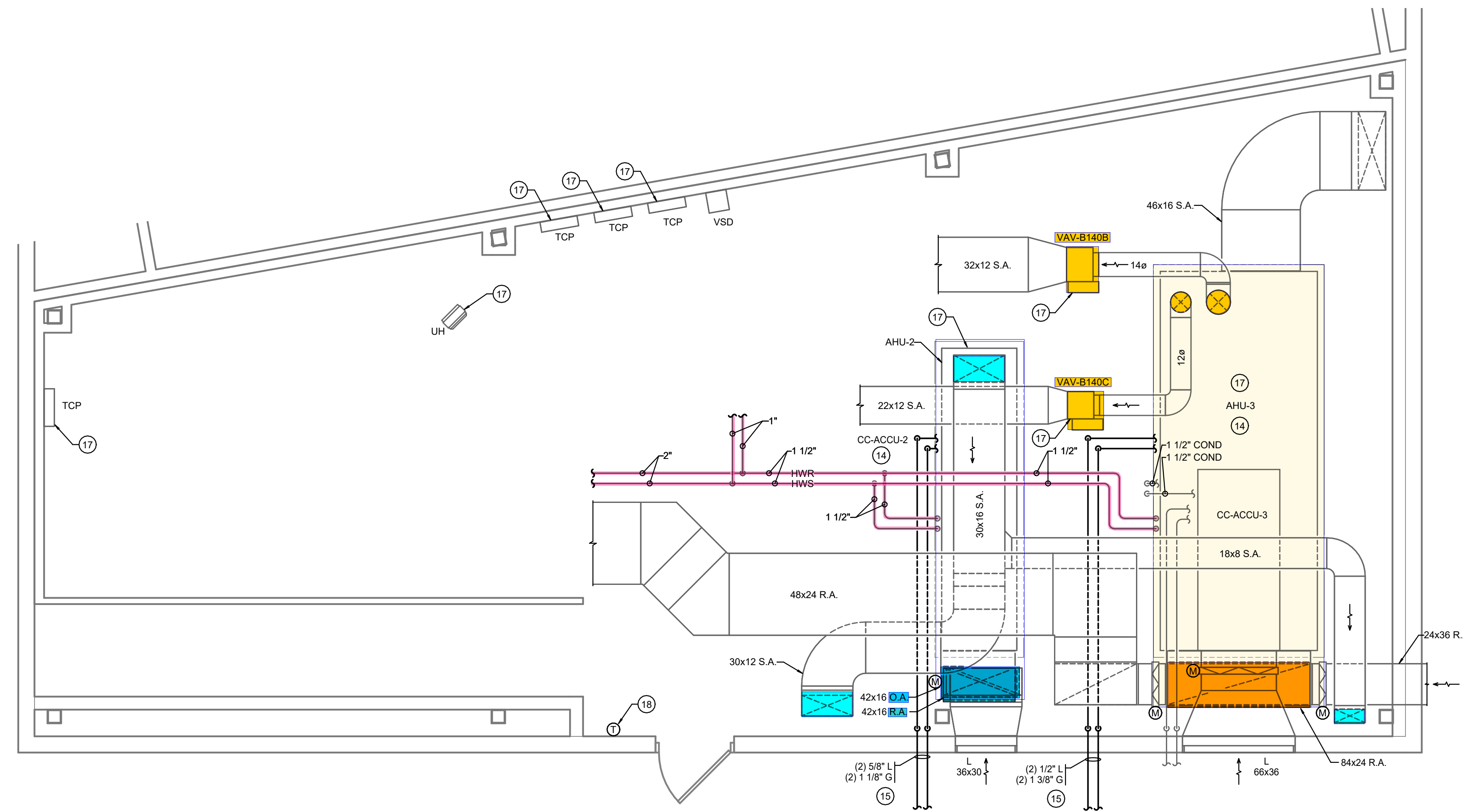
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1	18/02/2024 ADDENDUM #1

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MECHANICAL PLAN - ROOF



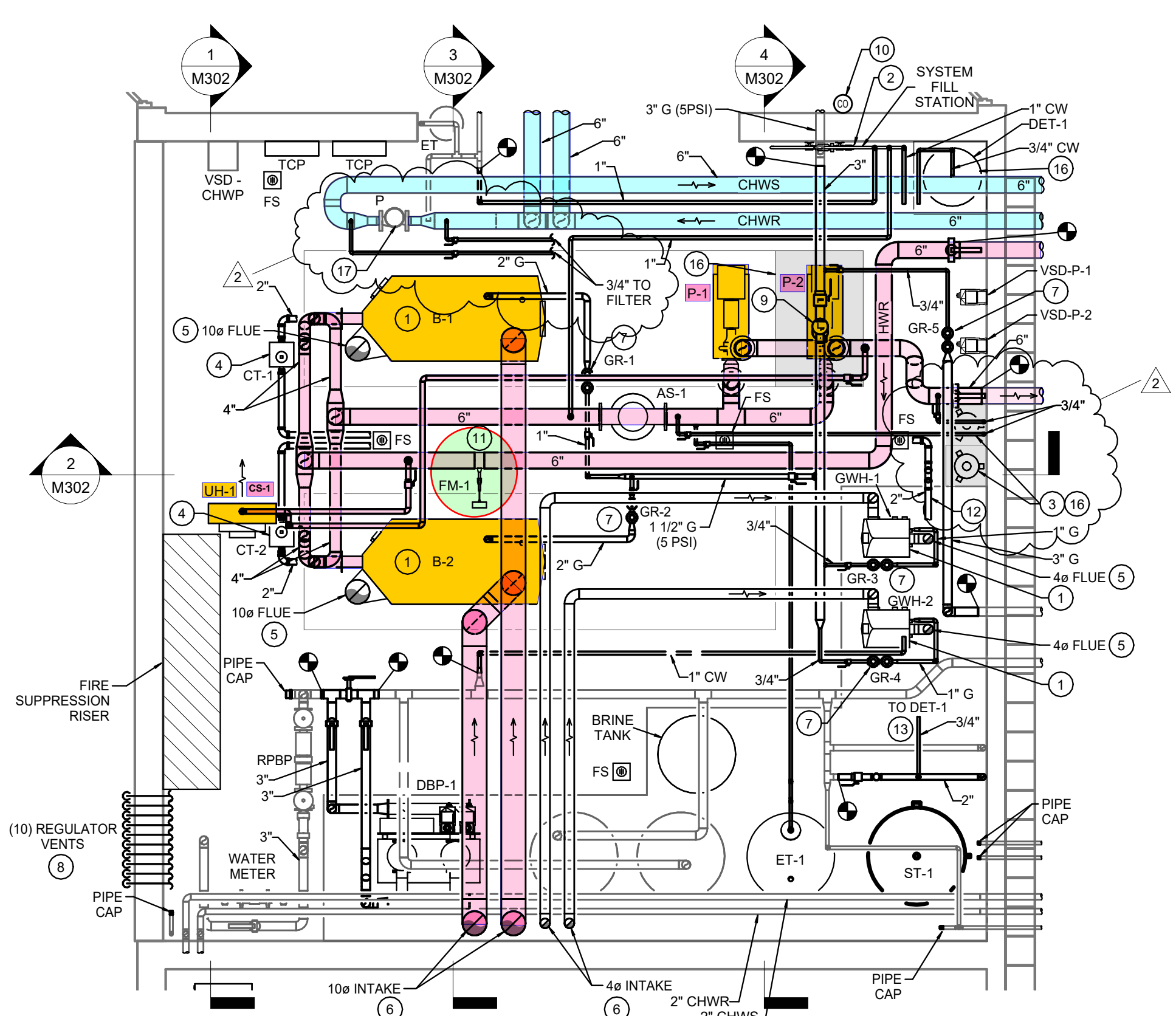
M102



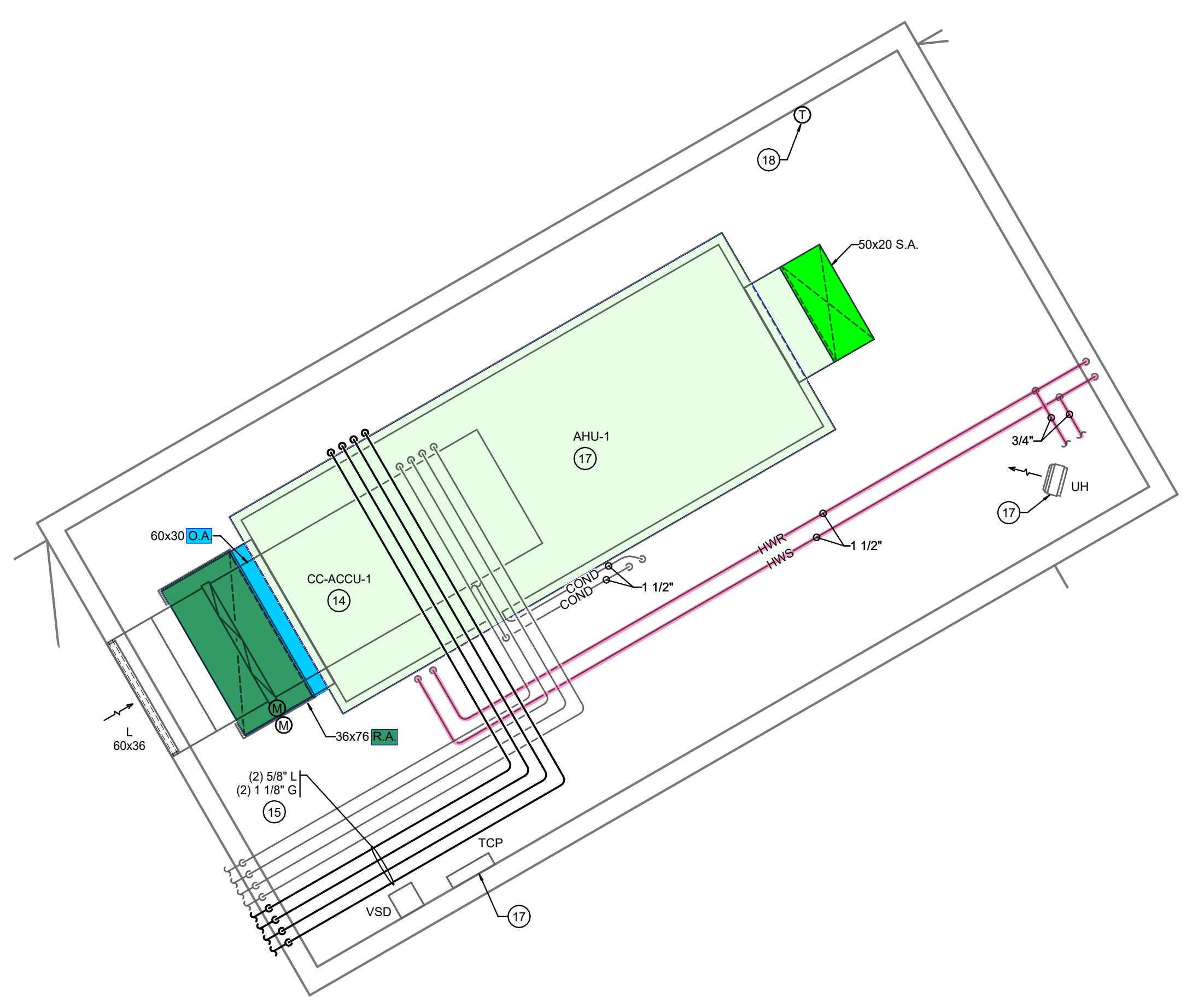
2 UNIT B MEZZANINE LEVEL MECHANICAL PLAN
SCALE: 1/4" = 1'-0"

- PLAN NOTES**
1. PROVIDE AND INSTALL NEW MODULAR CONDENSING BOILERWATER HEATER. REFER TO DETAILS ON DRAWING SHEET M402 FOR MORE INFORMATION. INSTALL PER MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR CLEARANCE, PIPING, AND VENTING.
 2. TIE-IN TO EXISTING DOMESTIC COLD WATER PIPING AND ROUTE NEW TO NEW SYSTEM FILL STATION. REFER TO SYSTEM FILL STATION DETAIL ON DRAWING SHEET M402 FOR MORE INFORMATION.
 3. PROVIDE AND INSTALL NEW BYPASS FILTER FEEDER, FURNISHED BY CHEMICAL TREATMENT PROVIDER. REFER TO WATER TREATMENT SPECIFICATIONS FOR MORE INFORMATION.
 4. ROUTE BOILER FLUE CONDENSATE DRAIN TO NEW FLOOR MOUNTED CONDENSATE NEUTRALIZATION TANK. MODIFY INLET AND OUTLET CONNECTIONS AS REQUIRED FOR TRAP DEPTH AND CONDENSATE PIPE FALL. DISCHARGE DIRECTLY INTO NEAREST FLOOR DRAIN.
 5. PROVIDE AND INSTALL NEW POLYPROPYLENE FLUE. VERIFY VENTING REQUIREMENTS WITH BOILER MANUFACTURER.
 6. PROVIDE AND INSTALL NEW COMBUSTION AIR INTAKE. VERIFY VENTING REQUIREMENTS WITH BOILER MANUFACTURER. MAINTAIN MINIMUM 15' TO FLUE TERMINATION.
 7. PROVIDE AND INSTALL NEW GAS REGULATOR. REFER TO DETAIL ON DRAWING SHEET M403 FOR MORE INFORMATION.
 8. CORE DRILL EXISTING MASONRY FROM EXTERIOR AS REQUIRED TO ROUTE NEW VENT PIPING. PATCH AND SEAL WALL PENETRATION WITH GROUT.
 9. TIE-IN TO EXISTING GAS PIPING AND INSTALL AUTOMATIC CONTROL VALVE, FURNISHED BY TCC.
 10. BOILER ROOM CARBON MONOXIDE MONITOR FURNISHED AND INSTALLED BY TCC.
 11. FLOW METER FURNISHED BY TCC, INSTALLED BY MC. INSTALL PER MANUFACTURER'S INSTALLATION REQUIREMENTS FOR CLEARANCE AND UPSTREAM/DOWNSTREAM STRAIGHT PIPE LENGTHS.
 12. ROUTE WATER HEATER CONDENSATE DRAIN TO CONDENSATE NEUTRALIZATION KIT AND DISCHARGE DIRECTLY INTO NEAREST FLOOR DRAIN.
 13. REFER TO PLUMBING FLOW DIAGRAMS ON DRAWING SHEET M403 FOR MORE INFORMATION.
 14. PROVIDE AND INSTALL NEW CUSTOM EVAPORATOR COIL SECTION IN EXISTING AIR HANDLING UNIT AND ROUTE NEW REFRIGERANT PIPING TO NEW CONDENSING UNIT.
 15. VERIFY PIPE ROUTINGS, SIZES, QUANTITIES, AND ALL PIPING REQUIREMENTS WITH MANUFACTURER.
 16. PROVIDE AND INSTALL EQUIPMENT ON NEW 4' TALL CONCRETE HOUSEKEEPING PAD.
 17. PROVIDE AND INSTALL NEW CONTROLS FOR EXISTING EQUIPMENT. REFER TO DRAWING SHEET M401 FOR MORE INFORMATION.
 18. PROVIDE AND INSTALL NEW THERMOSTAT FOR EXISTING EQUIPMENT. ROUTE NEW WIRING THROUGH SURFACE RACEWAY TO NEW THERMOSTAT AT ADA ACCESSIBLE MOUNTING HEIGHT.

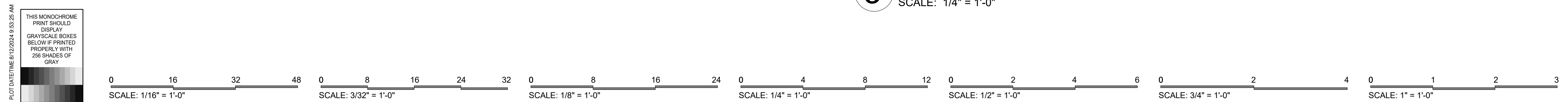
- GENERAL NOTES**
1. UNLESS NOTED OTHERWISE, IN BOILER ROOM AND MECHANICAL MEZZANINE, PROVIDE AND INSTALL ALUMINUM JACKETING ON ALL PIPE INSULATION BELOW 6'-0" AFF. EXTEND JACKETING TO NEAREST FITTING ABOVE 6'-0" AFF.



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



1 UNIT A MEZZANINE LEVEL MECHANICAL PLAN
SCALE: 1/4" = 1'-0"



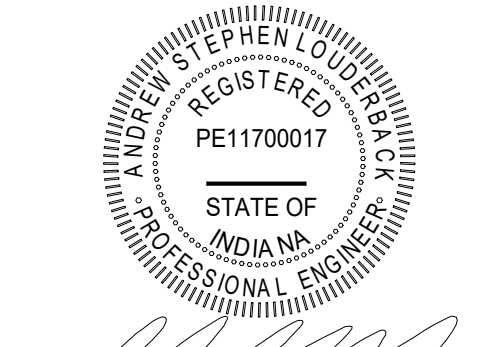
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925 N Meridian St, Sunman, IN 47041



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2	07/22/24	ADDENDUM #2

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MECHANICAL PLANS - ENLARGED

M301
TRUE NORTH
PRIMARY JOB # 24588