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Dayton, OH 45402
T 937.224.4474
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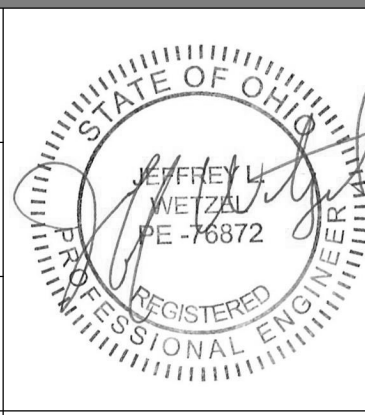
Vandalia Warehouse

Sierra Nevada Corporation
251 N. Dixie Drive
Vandalia, Ohio
45377

ISSUANCES

No.	Description	Date
5	BID/PERMIT	11/28/2024

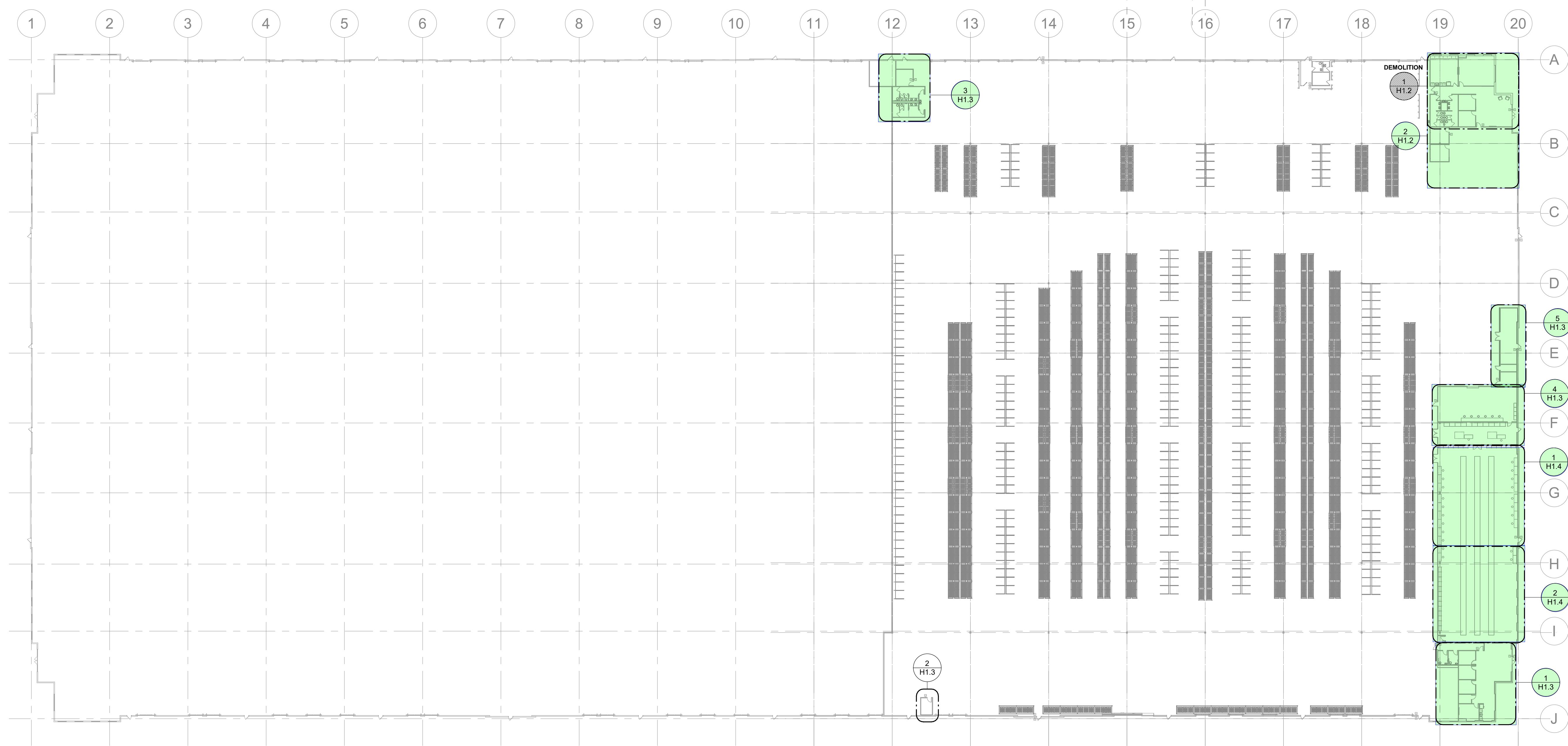
Drawn By
KDB
Checked By
DST
Client No.
818
Project No.
7480



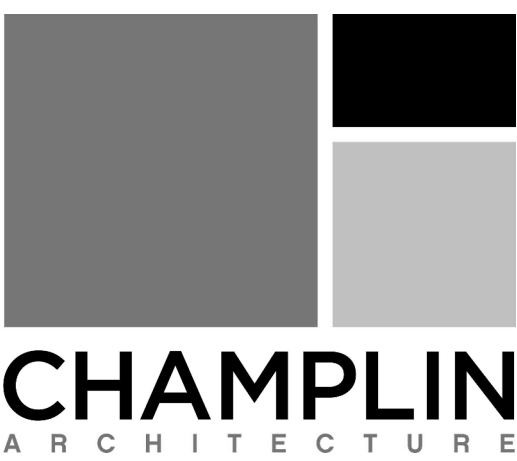
OVERALL HVAC FLOOR PLAN

H1.1

11/8/2024 11:14:05 AM



① OVERALL HVAC PLAN
1" = 40'-0"



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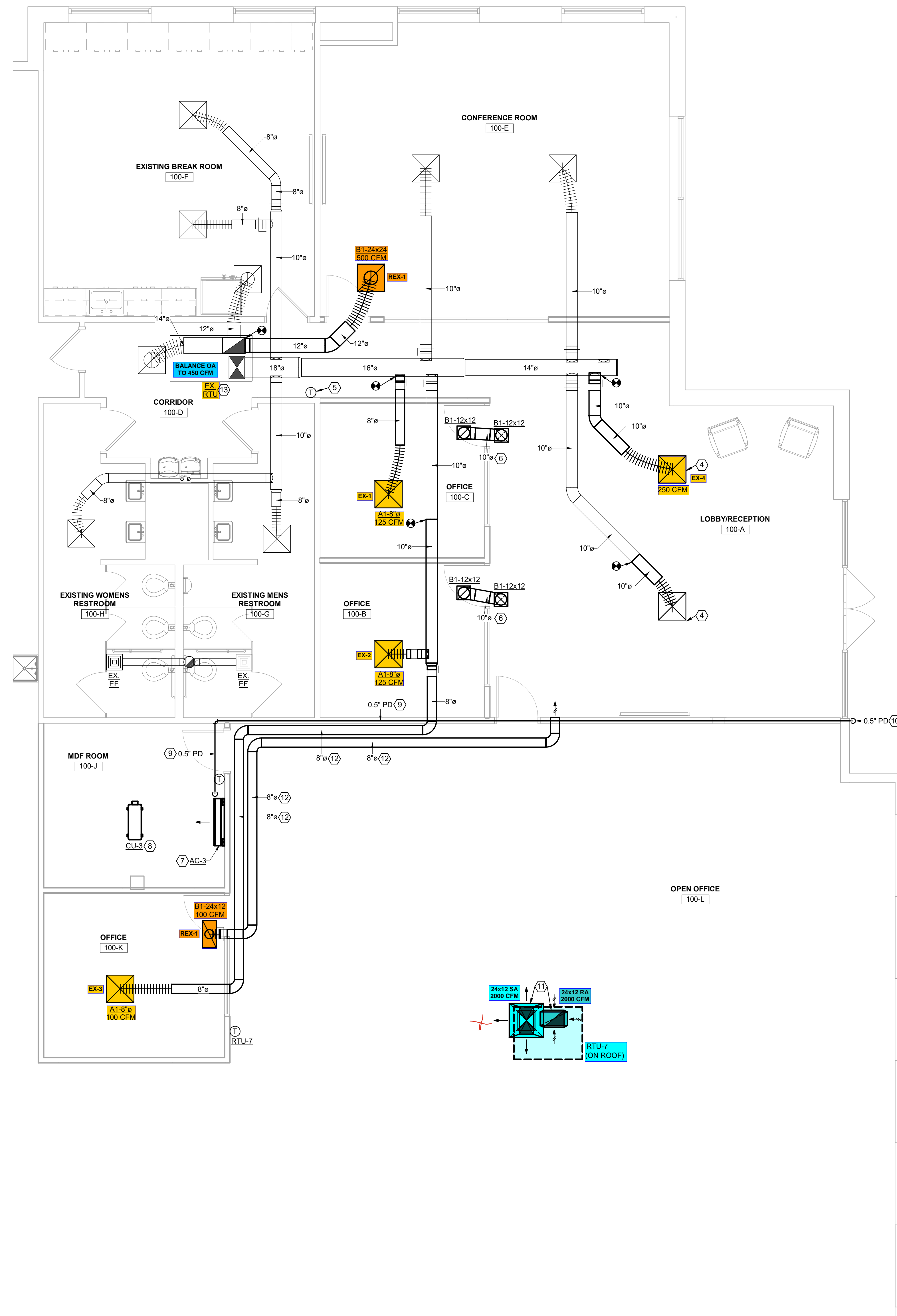
ENLARGED HVAC FLOOR PLANS

H1.2

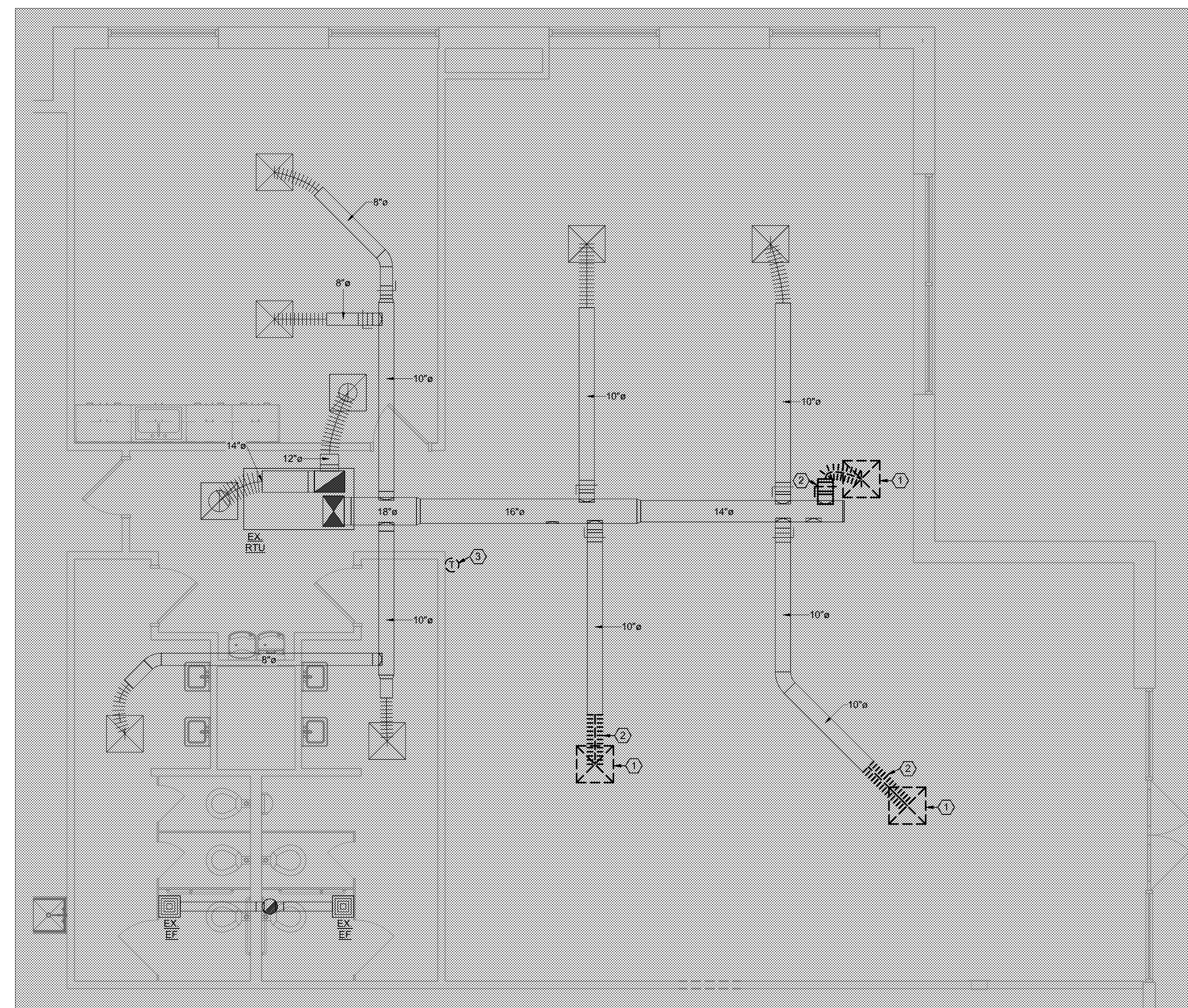
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GENERAL NOTES

- A. EXISTING DUCTWORK, AIR DEVICES, AND EQUIPMENT TO REMAIN, UNLESS OTHERWISE NOTED.
 - B. SEE STRUCTURAL DRAWINGS FOR DUCTWORK SUPPORT.
- ### DRAWING NOTES
1. EXISTING AIR DEVICE TO BE REMOVED AND SALVAGED FOR RELOCATION.
 2. EXISTING DUCTWORK TO BE REMOVED TO POINT INDICATED ON PLAN.
 3. EXISTING THERMOSTAT TO BE REMOVED AND SALVAGED FOR RELOCATION.
 4. RELOCATED AIR DEVICE.
 5. RELOCATED THERMOSTAT.
 6. NEW RETURN AIR TRANSFER DUCT.
 7. NEW WALL MOUNT CASSETTE. SEE SCHEDULE FOR ADDITIONAL INFORMATION.
 8. NEW CONDENSING UNIT. MOUNT ABOVE CEILING. SEE SCHEDULE FOR ADDITIONAL INFORMATION.
 9. ROUTE PUMP DISCHARGE PIPING ABOVE CEILING.
 10. PUMP DISCHARGE PIPING TO BE ROUTED DOWN EXTERIOR WALL AND DISCHARGE ONTO GRADE. PROVIDE SPLASH BLOCK.
 11. 24x12 SUPPLY DUCT AND 24x12 RETURN DUCT TO DROP DOWN FROM ROOFTOP UNIT AND TERMINATE (10'-0" AFF) WITH CONCENTRIC (SUPPLY AND RETURN) AIR DEVICE FOR OPEN CEILING. PROVIDE DUCTWORK TRANSITION(S) AT ROOF PENETRATION. COORDINATE DUCTWORK SUPPORT WITH STRUCTURAL.
 12. SUPPORT DUCTWORK FROM WALL (TYPICAL).
 13. BALANCE EXISTING ROOF TOP UNIT TO 450 CFM OF OUTSIDE AIR.



2 ENLARGED HVAC PLAN - NEW WORK
1/4" = 1'-0"



1 ENLARGED HVAC PLAN - DEMOLITION
1/4" = 1'-0"



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01	BID/PERMIT BULLETIN 01	11/28/2024 11/22/2024

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ENLARGED HVAC FLOOR PLANS

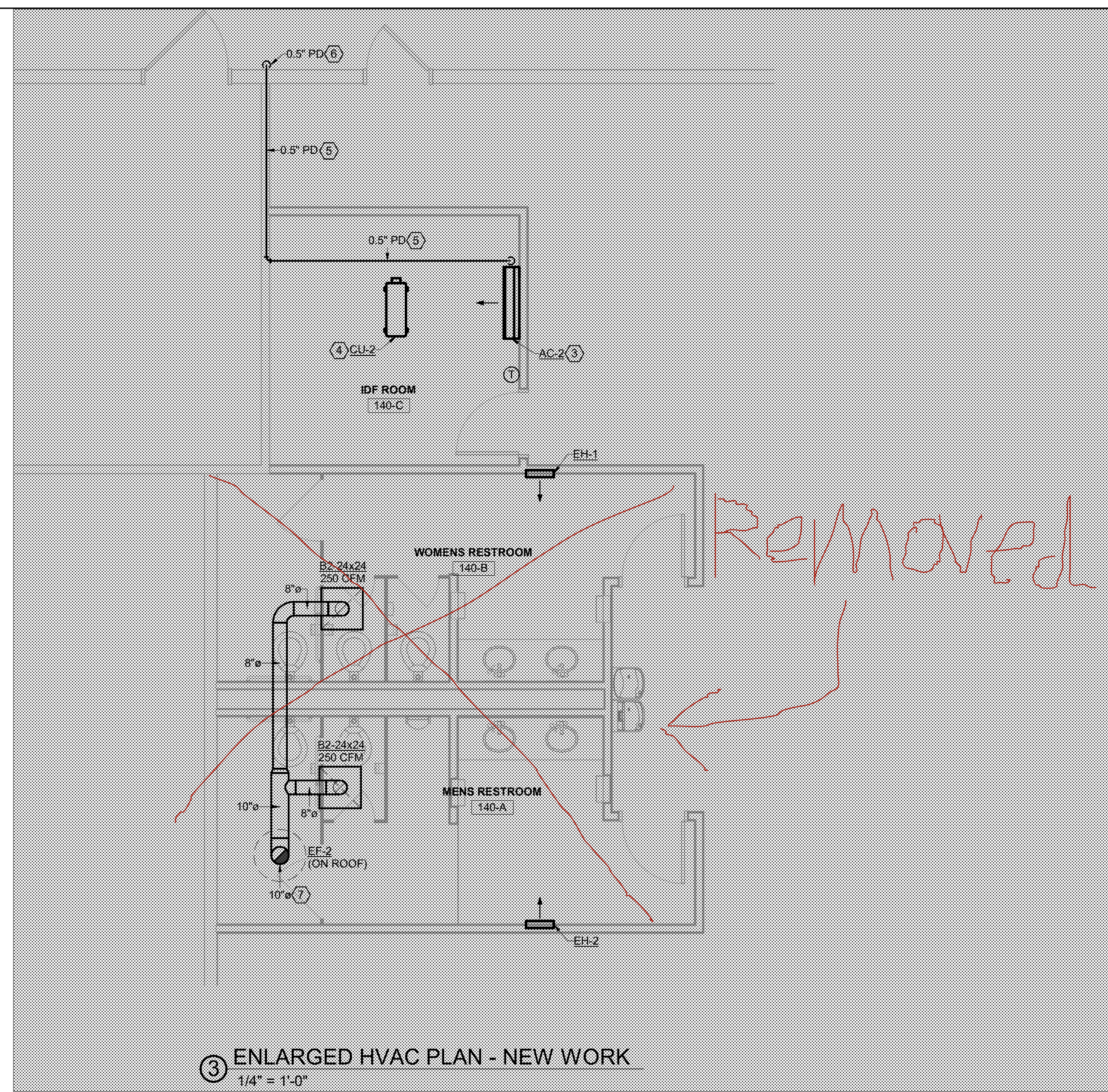
H1.3

GENERAL NOTES

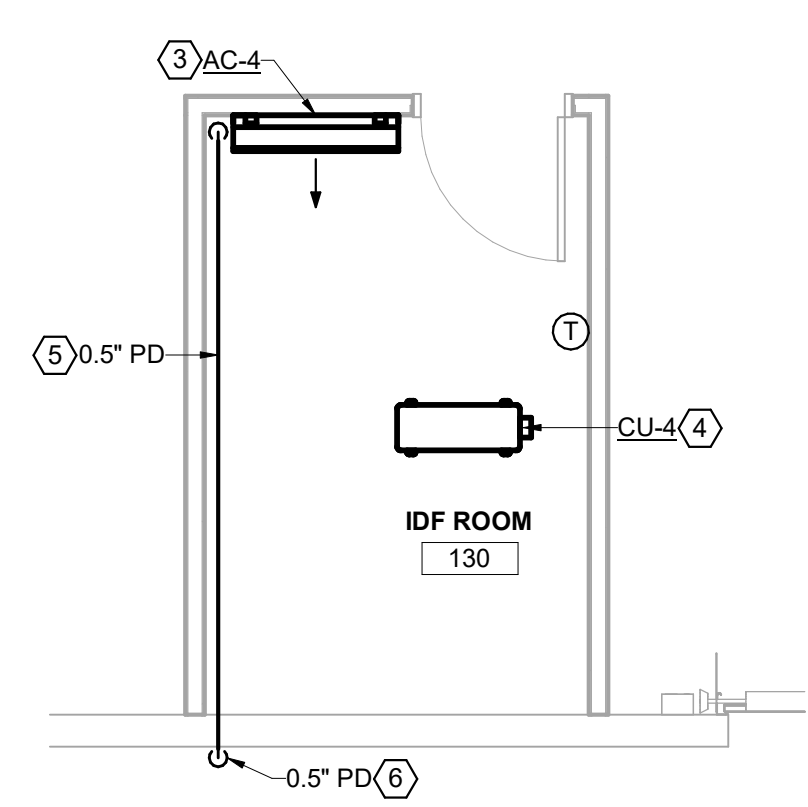
- A. SEE STRUCTURAL DRAWINGS FOR DUCTWORK SUPPORT.
- NEW RETURN AIR TRANSFER DUCT.
 - NEW EXHAUST DUCTWORK TO BE ROUTED UP TO ROOF VENTILATOR.
 - NEW WALL MOUNT CASSETTE. SEE SCHEDULE FOR ADDITIONAL INFORMATION.
 - NEW CONDENSING UNIT. MOUNT ABOVE CEILING. SEE SCHEDULE FOR ADDITIONAL INFORMATION.
 - ROUTE PUMP DISCHARGE PIPING ABOVE CEILING.
 - PUMP DISCHARGE PIPING TO BE ROUTED DOWN EXTERIOR WALL AND DISCHARGE ONTO GRADE. PROVIDE SPLASH BLOCK.
 - EXHAUST DUCTWORK TO BE ROUTED UP TO ROOF MOUNTED EXHAUST FAN.
 - DUCTWORK TO RISE TO UNIT ON ROOF. PROVIDE DUCTWORK TRANSITION AT ROOF PENETRATION. COORDINATE DUCTWORK SUPPORT WITH STRUCTURAL.
 - FAN TO DISCHARGE INTO WAREHOUSE.
 - SUPPORT DUCTWORK FROM WALL.

DRAWING NOTES

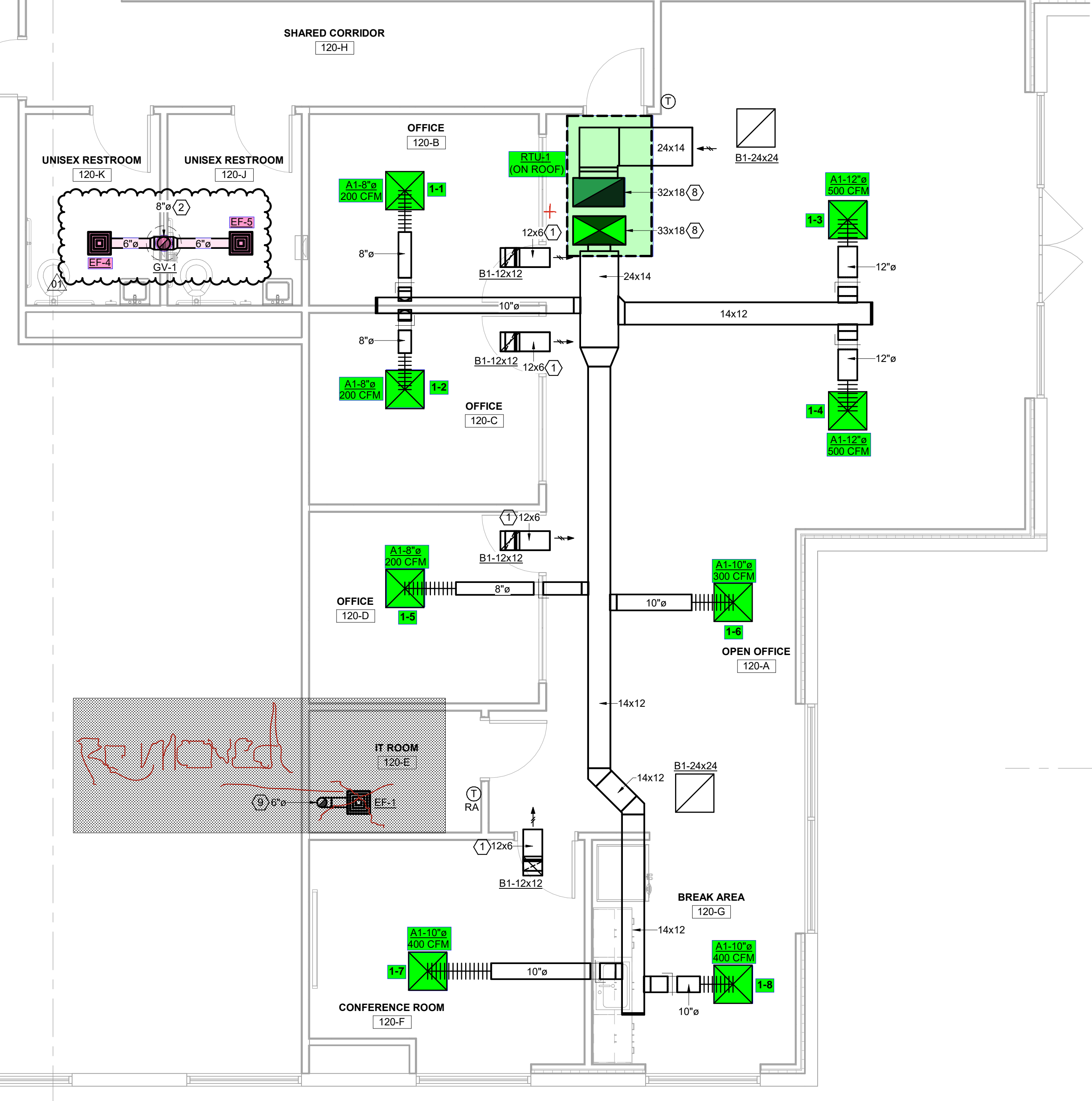
- NEW RETURN AIR TRANSFER DUCT.
- NEW EXHAUST DUCTWORK TO BE ROUTED UP TO ROOF VENTILATOR.
- NEW WALL MOUNT CASSETTE. SEE SCHEDULE FOR ADDITIONAL INFORMATION.
- NEW CONDENSING UNIT. MOUNT ABOVE CEILING. SEE SCHEDULE FOR ADDITIONAL INFORMATION.
- ROUTE PUMP DISCHARGE PIPING ABOVE CEILING.
- PUMP DISCHARGE PIPING TO BE ROUTED DOWN EXTERIOR WALL AND DISCHARGE ONTO GRADE. PROVIDE SPLASH BLOCK.
- EXHAUST DUCTWORK TO BE ROUTED UP TO ROOF MOUNTED EXHAUST FAN.
- DUCTWORK TO RISE TO UNIT ON ROOF. PROVIDE DUCTWORK TRANSITION AT ROOF PENETRATION. COORDINATE DUCTWORK SUPPORT WITH STRUCTURAL.
- FAN TO DISCHARGE INTO WAREHOUSE.
- SUPPORT DUCTWORK FROM WALL.



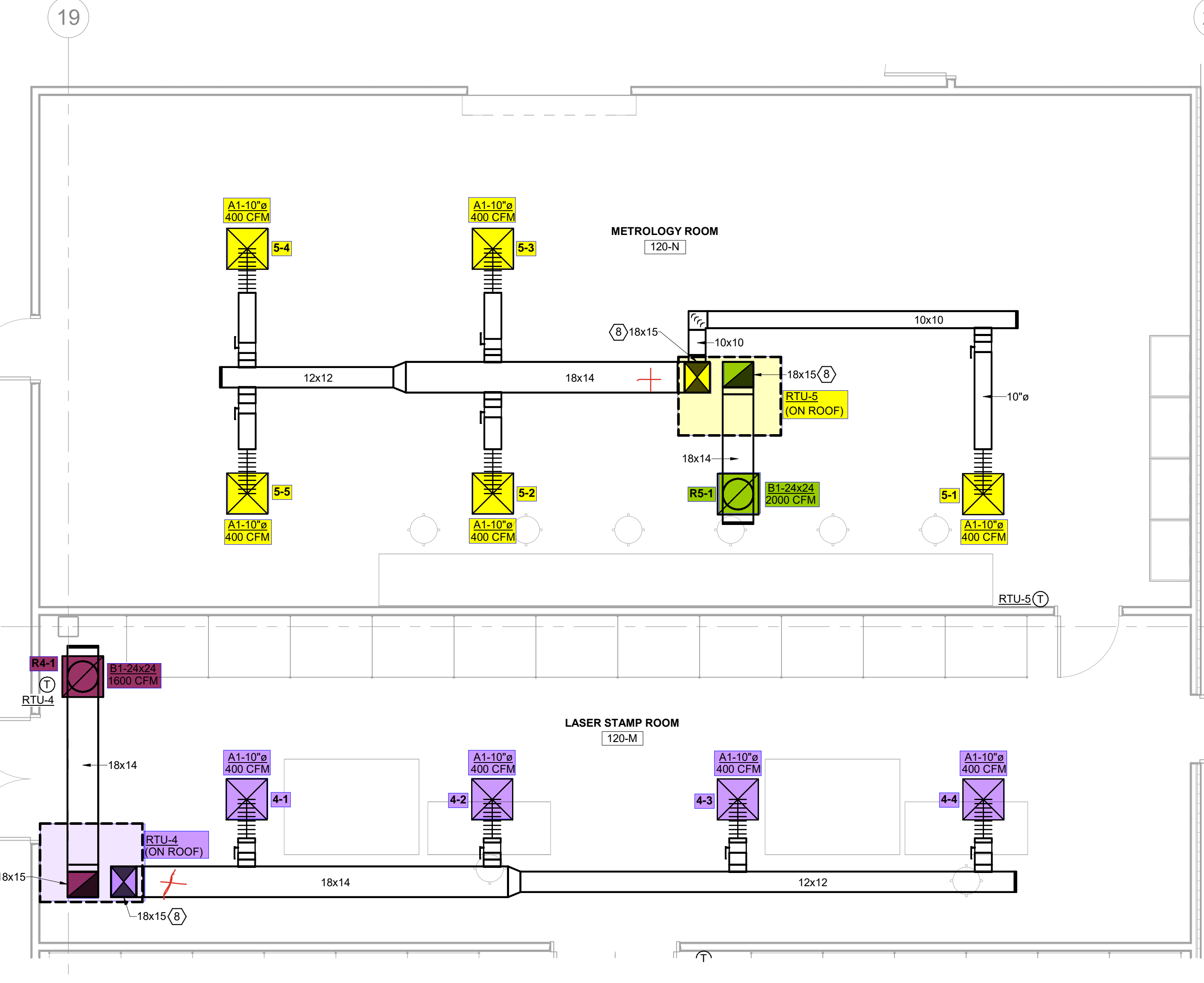
③ ENLARGED HVAC PLAN - NEW WORK
1/4" = 1'-0"



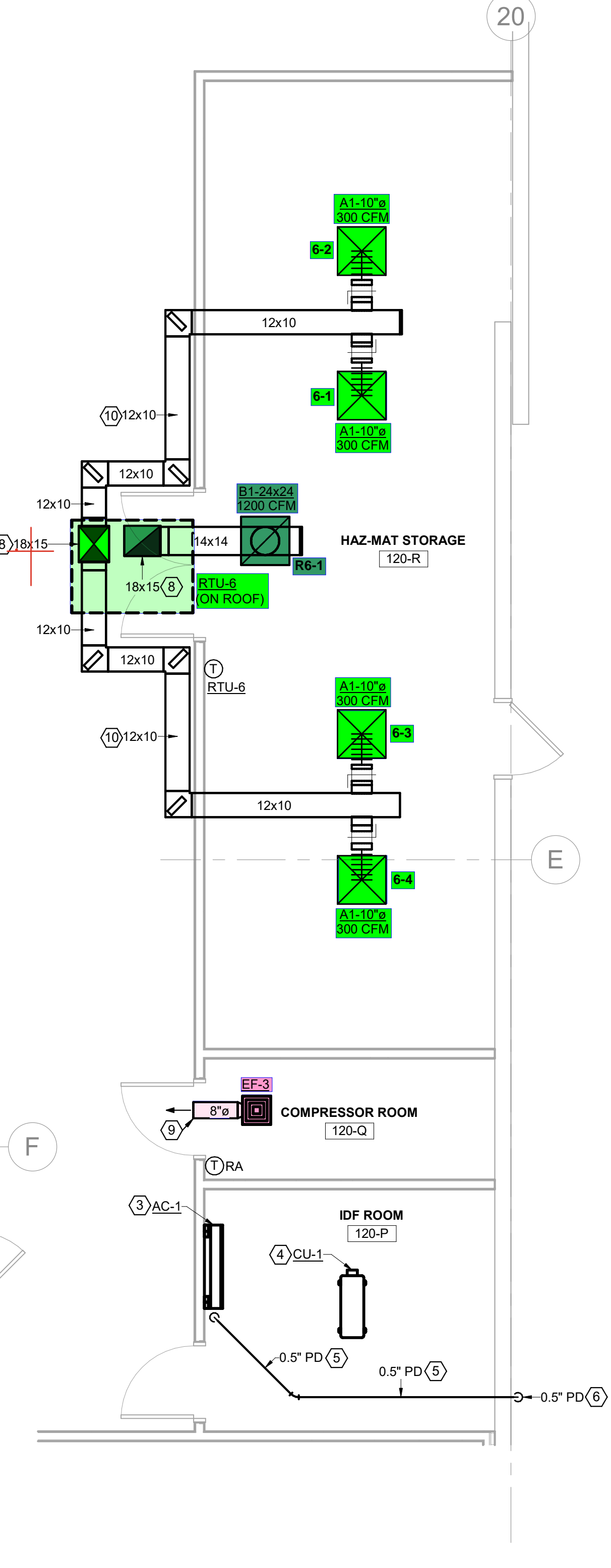
② ENLARGED HVAC PLAN - NEW WORK
1/4" = 1'-0"



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1/4" = 1'-0"



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1/4" = 1'-0"



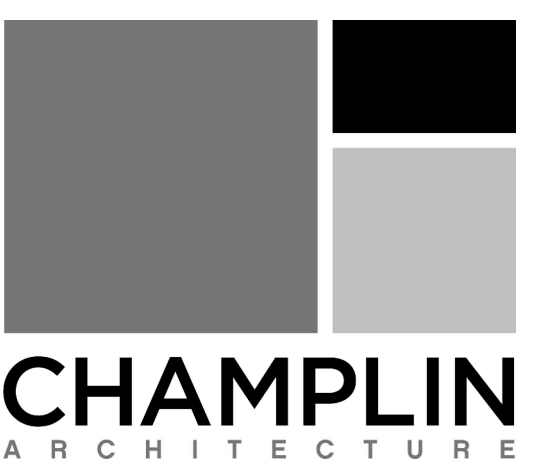
⑤ ENLARGED HVAC PLAN - NEW WORK
1/4" = 1'-0"

GENERAL NOTES

A. SEE STRUCTURAL DRAWINGS FOR DUCTWORK SUPPORT.

DRAWING NOTES

1. DUCTWORK TO RISE TO UNIT ON ROOF. PROVIDE DUCTWORK TRANSITION AT ROOF PENETRATION. COORDINATE DUCTWORK SUPPORT WITH STRUCTURAL.



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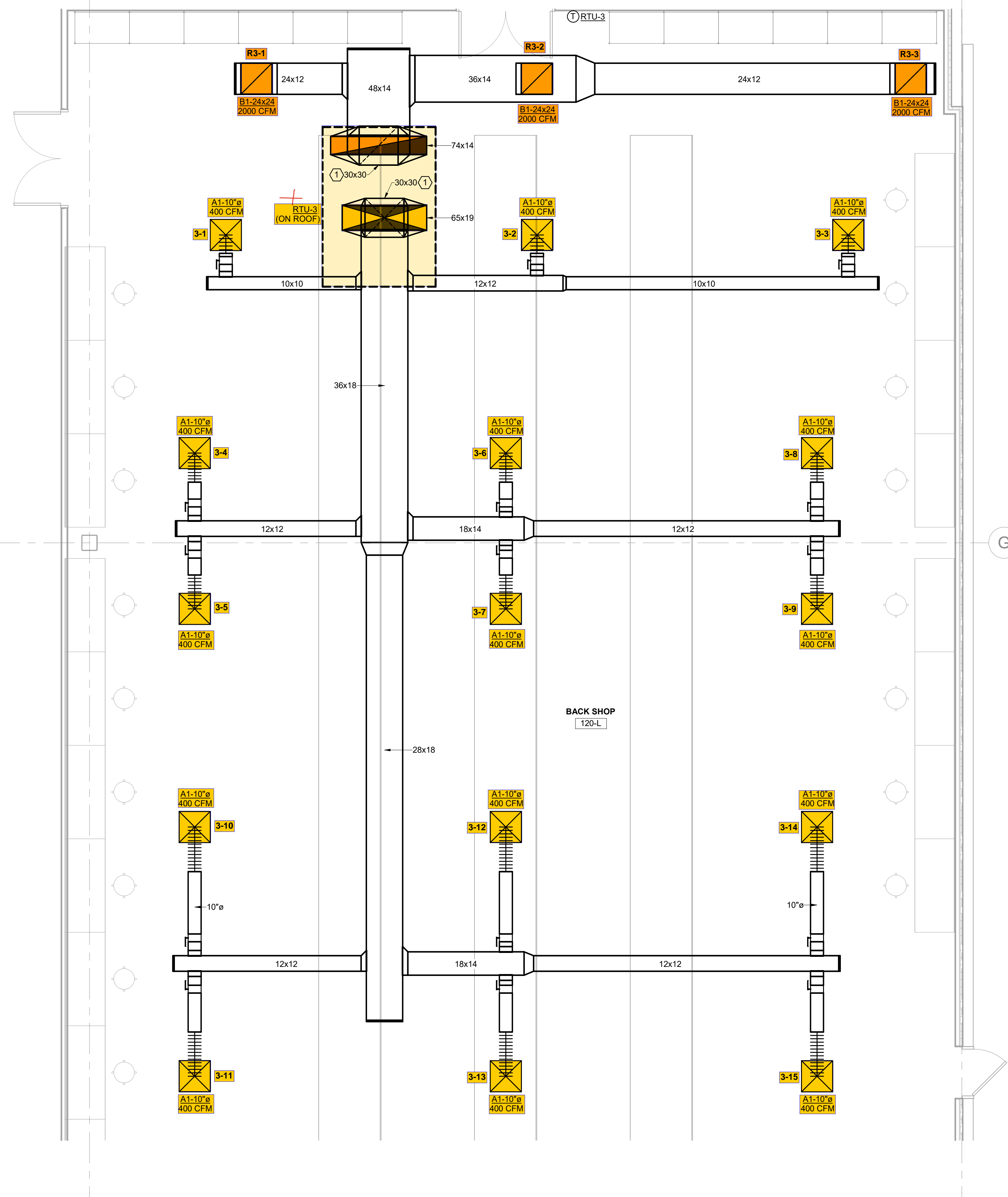
ENLARGED HVAC
FLOOR PLANS

H1.4

11/28/2024 11:14:08 AM

19

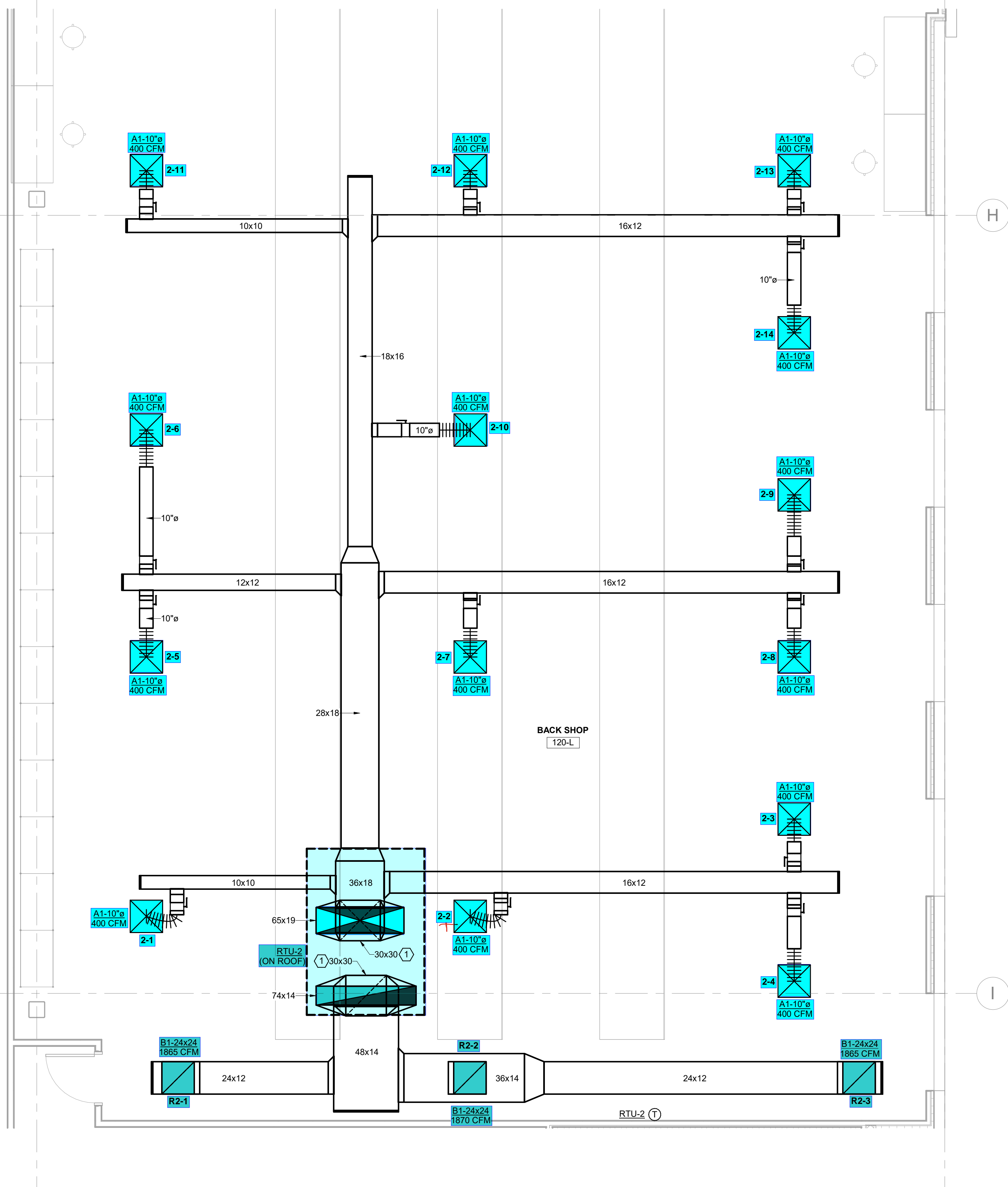
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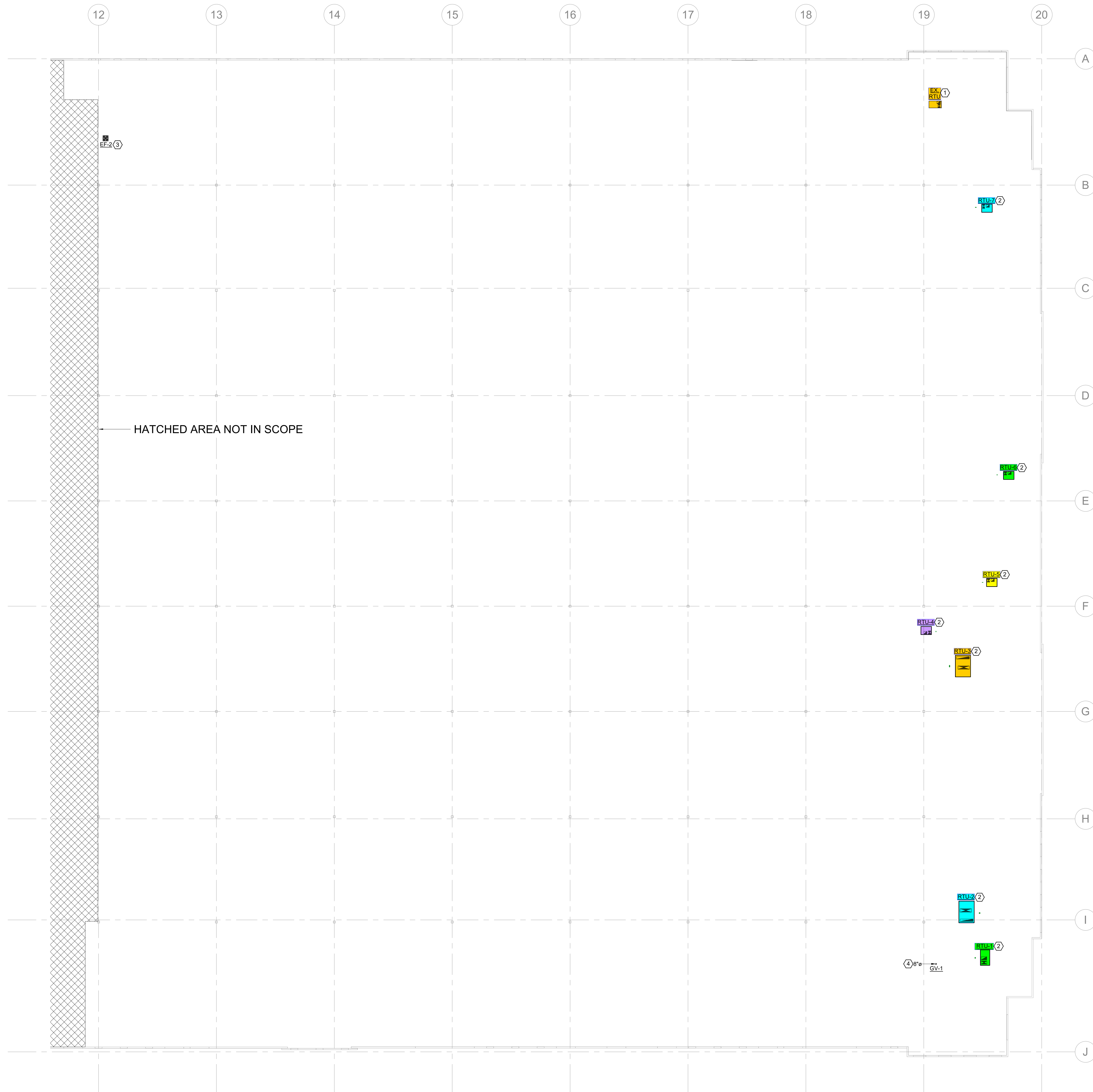
① ENLARGED HVAC PLAN - NEW WORK
1/4" = 1'-0"

19

20

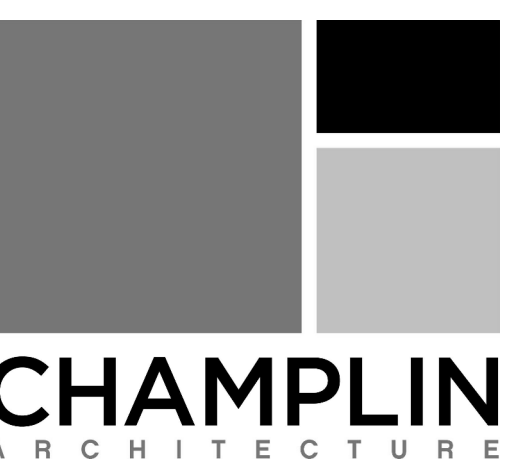


② ENLARGED HVAC PLAN - NEW WORK
1/4" = 1'-0"



DRAWING NOTES

1. EXISTING ROOFTOP UNIT TO REMAIN.
2. NEW ROOFTOP UNIT. REFER TO RTU SCHEDULE FOR ADDITIONAL INFORMATION.
3. NEW ROOF MOUNTED EXHAUST FAN. REFER TO FAN SCHEDULE FOR ADDITIONAL INFORMATION.
4. TERMINATE EXHAUST DUCTWORK WITH GRAVITY VENTILATOR.



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HVAC ROOF PLAN

H1.5