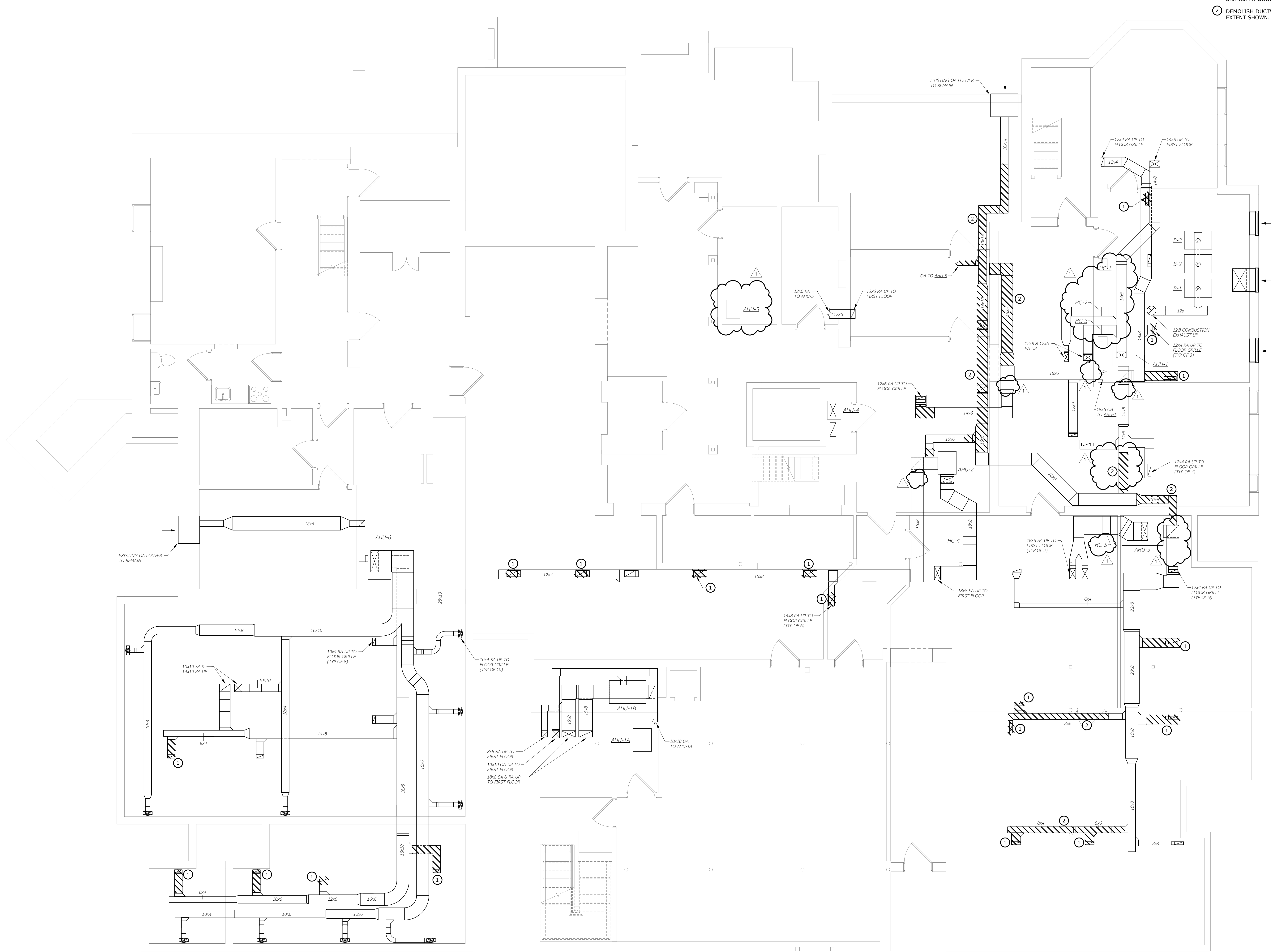


Revision Schedule	
Date	Description
4/23/2025	Addendum #1

**KEY NOTES:**

- ① DEMOLISH FLOOR GRILLE AND RISER, CAP REMAINING DUCT BRANCH AT DUCT MAIN.
- ② DEMOLISH DUCTWORK TO THE EXTENT SHOWN.



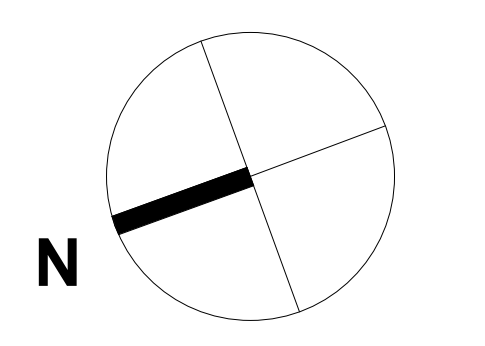
**HVAC DEMOLITION BASEMENT PLAN**  
SCALE: 1/4" = 1'-0"

**Geddis Architects**

Architecture, Planning, Interiors  
19 Ludlow Road, Suite 201  
Westport, CT 06880  
(203) 256-8700

**Construction Manager**  
COLLIERS

**MEP Engineer**  
TIGHE & BOND  
53 Southhampton Road  
Westfield, MA 01085  
413-572-3226



PROJECT

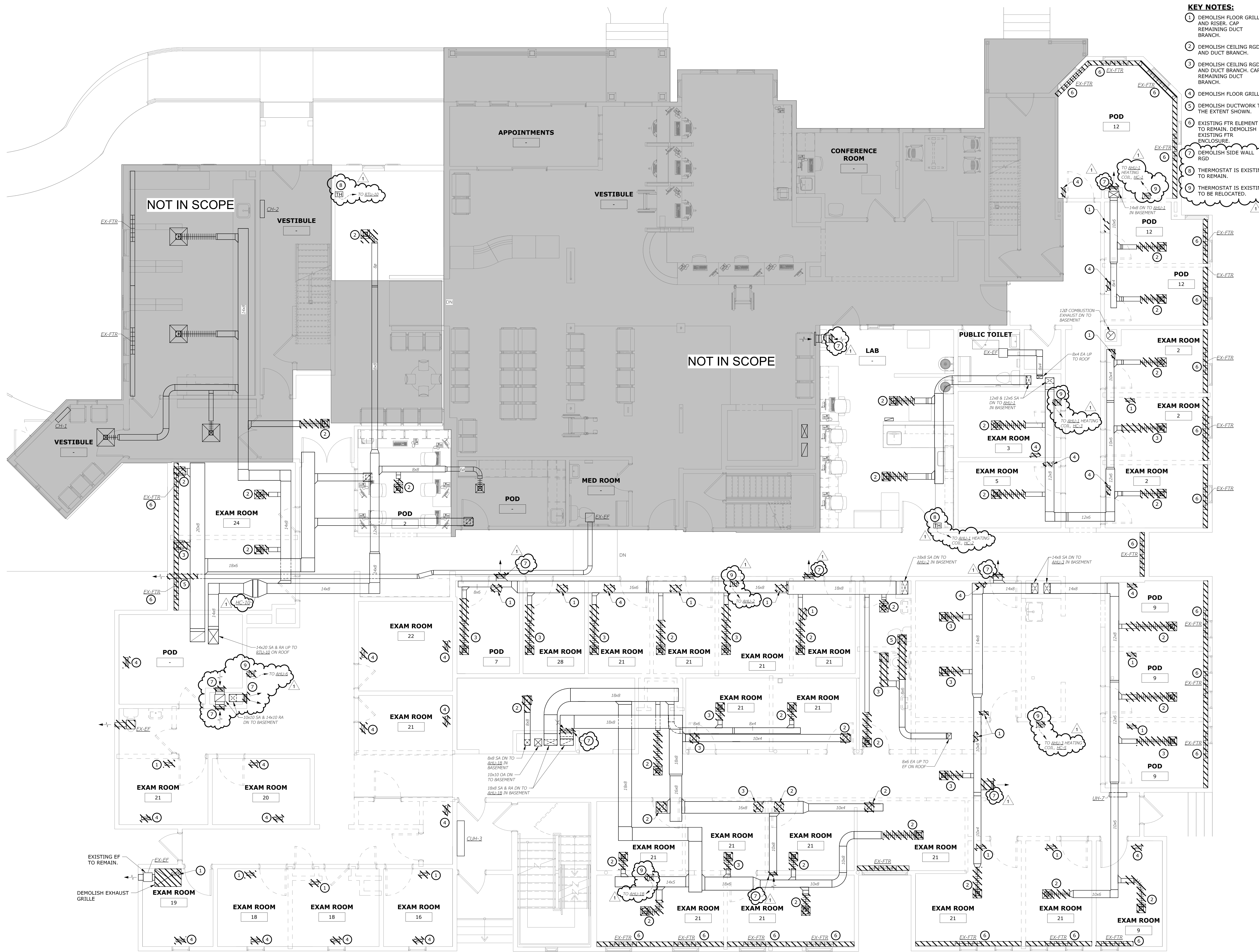
**Fair Haven Community Health Care FHCHC**

**1st Floor Renovation**

374 Grand Avenue, New Haven, CT 06513

**HVAC DEMOLITION BASEMENT PLAN**

SEAL & SIGNATURE | DATE: 04/04/25  
PROJECT No: F5050  
DRAWING BY: OLR  
CHK BY: JNR/KDP  
DWG No: **HD-101**



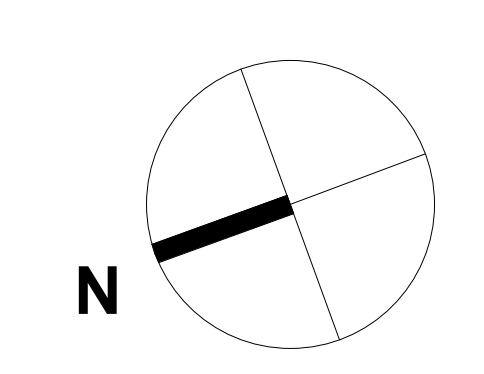
- KEY NOTES:**
- 1 DEMOLISH FLOOR GRILLE AND RISER. CAP REMAINING DUCT BRANCH.
  - 2 DEMOLISH CEILING RGD AND DUCT BRANCH.
  - 3 DEMOLISH CEILING RGD AND DUCT BRANCH. CAP REMAINING DUCT BRANCH.
  - 4 DEMOLISH FLOOR GRILLE.
  - 5 DEMOLISH DUCTWORK TO THE EXTENT SHOWN.
  - 6 EXISTING FTR ELEMENT TO REMAIN. DEMOLISH EXISTING FTR ENCLOSURE.
  - 7 DEMOLISH SIDE WALL RGD
  - 8 THERMOSTAT IS EXISTING TO REMAIN.
  - 9 THERMOSTAT IS EXISTING TO BE RELOCATED.

Revision Schedule	
Date	Description
4/23/2025	Addendum #1

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PROJECT

**Fair Haven Community Health Care FHCHC**

**1st Floor Renovation**

374 Grand Avenue, New Haven, CT 06513

**HVAC DEMOLITION FIRST FLOOR PLAN**

SEAL & SIGNATURE \_\_\_\_\_ DATE: 04/04/25

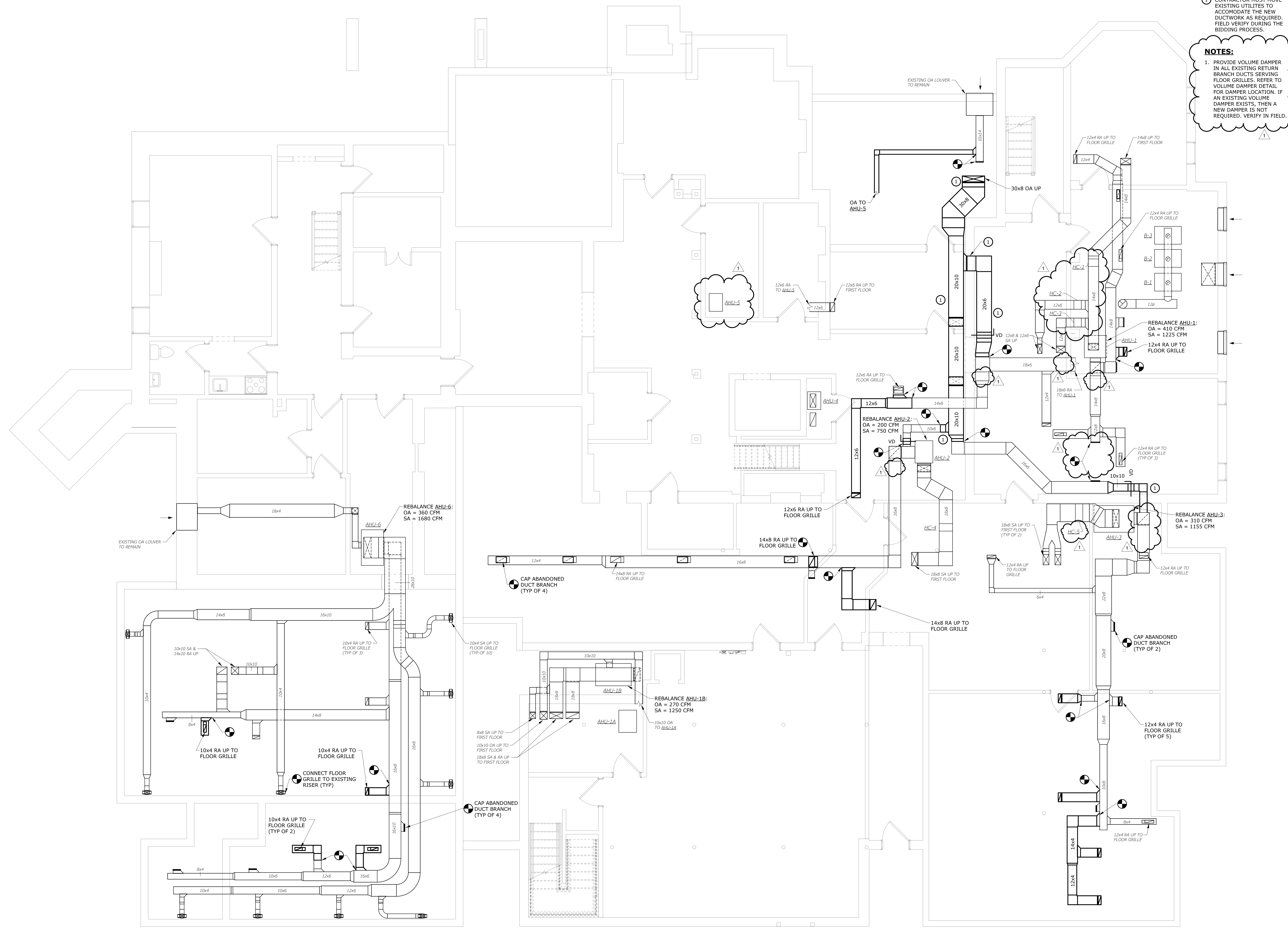
PROJECT No: F5050  
 DRAWING BY: OLR  
 CHK BY: JNR/KDP  
 DWG No: **HD-102**

**HVAC DEMOLITION FIRST FLOOR PLAN**  
 SCALE: 1/4" = 1'-0"

Revision Schedule	
Date	Description
4/23/2025	Addendum #1

**KEY NOTES:**  
 1. CONTRACTOR MUST MOVE EXISTING UTILITIES TO ACCOMMODATE THE NEW DUCTWORK AS REQUIRED. FIELD VERIFY DURING THE BIDDING PROCESS.

**NOTES:**  
 1. PROVIDE VOLUME DAMPER IN ALL EXISTING RETURN BRANCH DUCTS SERVING FLOOR GRILLES. REFER TO VOLUME DAMPER DETAIL FOR DAMPER LOCATION. IF AN EXISTING VOLUME DAMPER EXISTS, THEN A NEW DAMPER IS NOT REQUIRED. VERIFY IN FIELD.

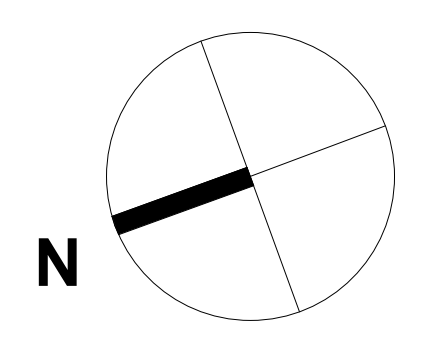


**HVAC BASEMENT PLAN**  
 SCALE: 1/4" = 1'-0"

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PROJECT

**Fair Haven Community Health Care FHCHC**

**1st Floor Renovation**

374 Grand Avenue, New Haven, CT 06513

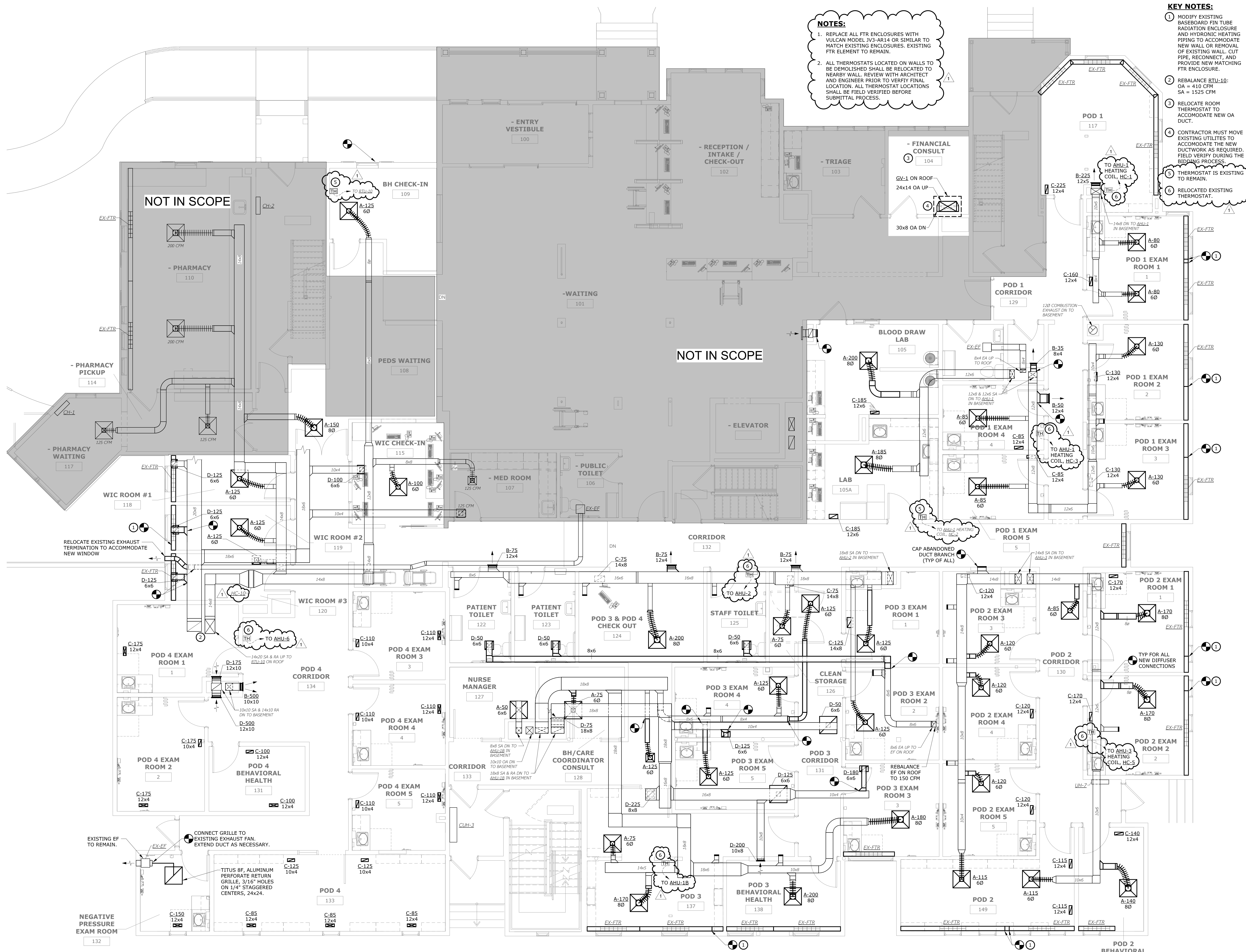
**HVAC BASEMENT PLAN**

SEAL & SIGNATURE | DATE: 04/04/25  
 PROJECT No: F5050  
 DRAWING BY: OLR  
 CHK BY: JNR/KDP  
 DWG No: **H-101**

Revision Schedule	
Date	Description
4/23/2025	Addendum #1

- KEY NOTES:**
- MODIFY EXISTING BASEBOARD FIN TUBE RADIATION ENCLOSURE AND HYDRONIC HEATING PIPING TO ACCOMMODATE NEW WALL OR REMOVAL OF EXISTING WALL. CUT PIPE, RECONNECT, AND PROVIDE NEW MATCHING FTR ENCLOSURE.
  - REBALANCE RTU-10: OA = 410 CFM SA = 1525 CFM
  - RELOCATE ROOM THERMOSTAT TO ACCOMMODATE NEW OA DUCT.
  - CONTRACTOR MUST MOVE EXISTING UTILITIES TO ACCOMMODATE THE NEW DUCTWORK AS REQUIRED. FIELD VERIFY DURING THE BIDDING PROCESS.
  - THERMOSTAT IS EXISTING TO REMAIN.
  - RELOCATED EXISTING THERMOSTAT.

- NOTES:**
- REPLACE ALL FTR ENCLOSURES WITH VULCAN MODEL JV3-AR14 OR SIMILAR TO MATCH EXISTING ENCLOSURES. EXISTING FTR ELEMENT TO REMAIN.
  - ALL THERMOSTATS LOCATED ON WALLS TO BE DEMOLISHED SHALL BE RELOCATED TO NEARBY WALL. REVIEW WITH ARCHITECT AND ENGINEER PRIOR TO VERIFY FINAL LOCATION. ALL THERMOSTAT LOCATIONS SHALL BE FIELD VERIFIED BEFORE SUBMITTAL PROCESS.



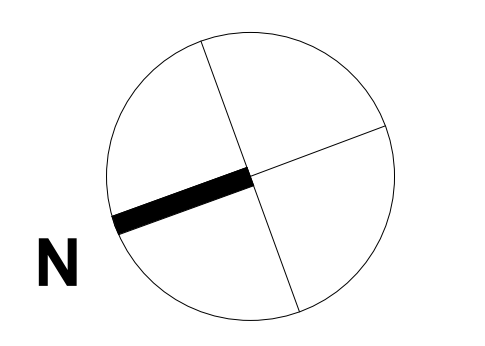
**HVAC FIRST FLOOR PLAN**  
SCALE: 1/4" = 1'-0"

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PROJECT

**Fair Haven Community Health Care FHCHC**

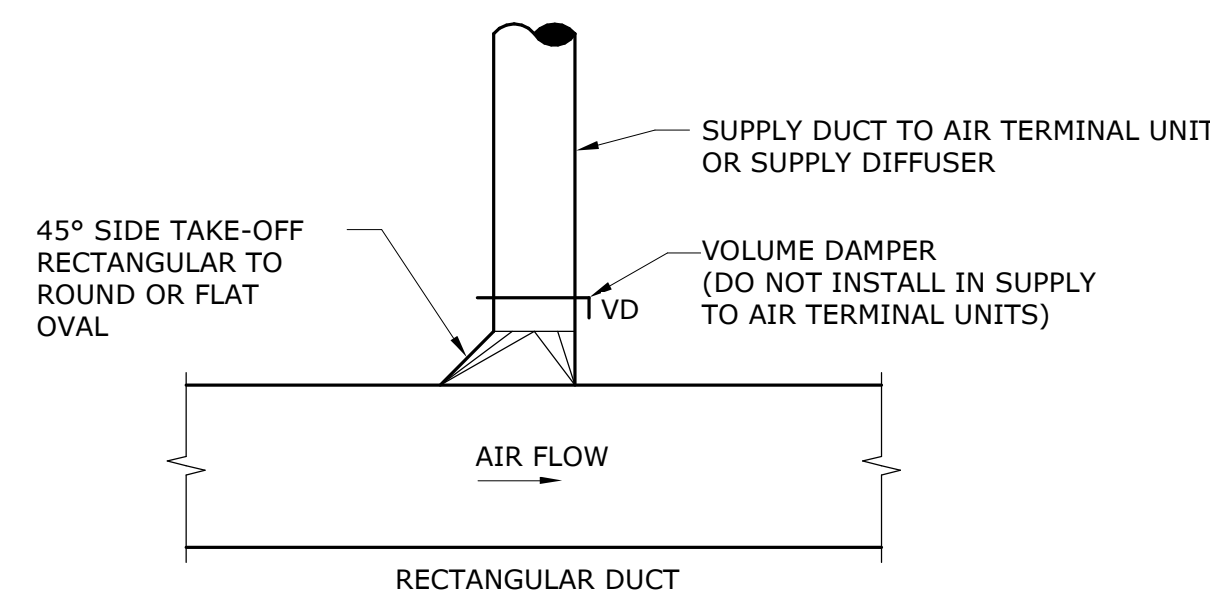
**1st Floor Renovation**

374 Grand Avenue, New Haven, CT 06513

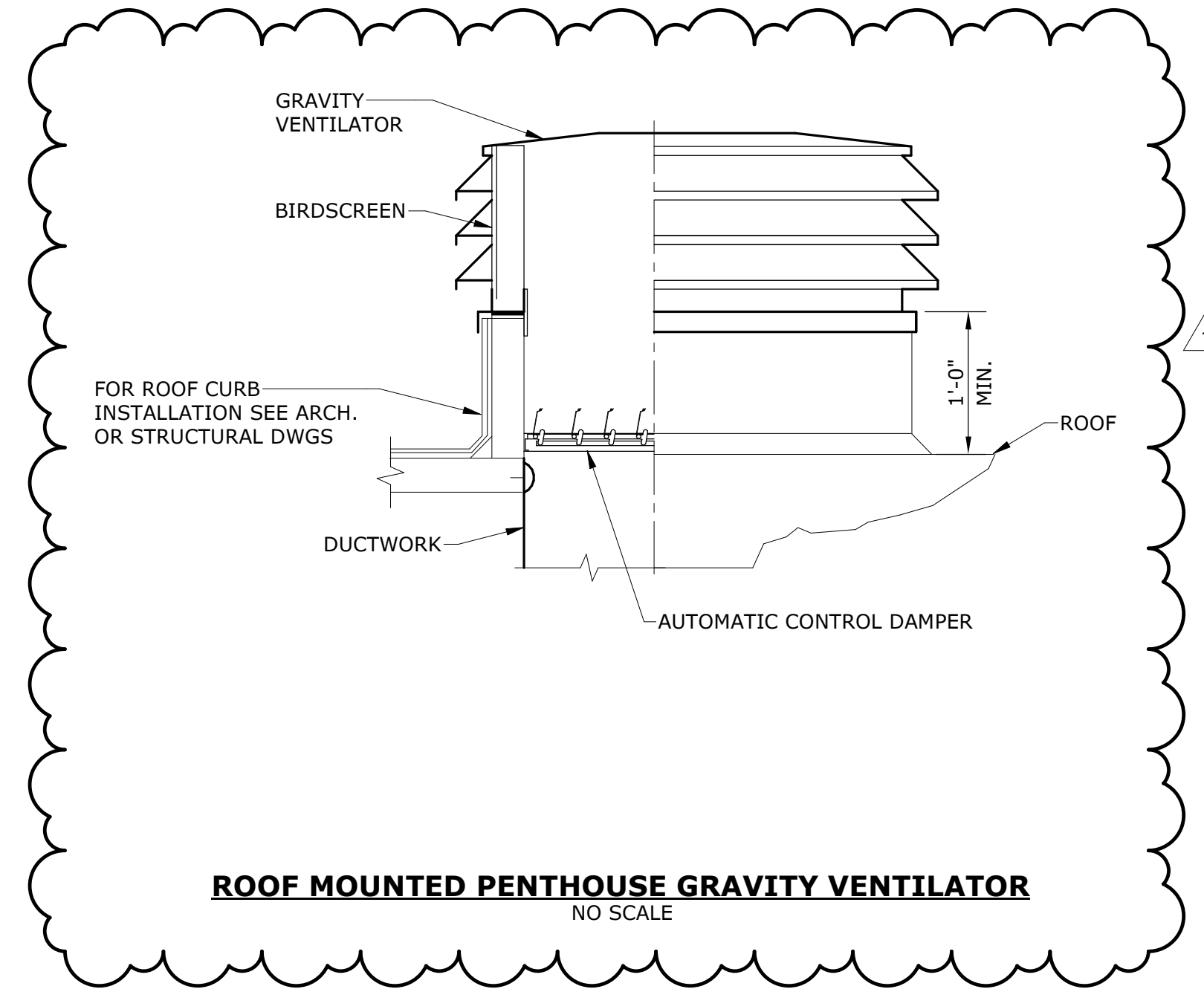
**HVAC FIRST FLOOR PLAN**

SEAL & SIGNATURE: \_\_\_\_\_ DATE: 04/04/25  
PROJECT No: F5050  
DRAWING BY: OLR  
CHK BY: JNR/KDP  
DWG No: **H-102**

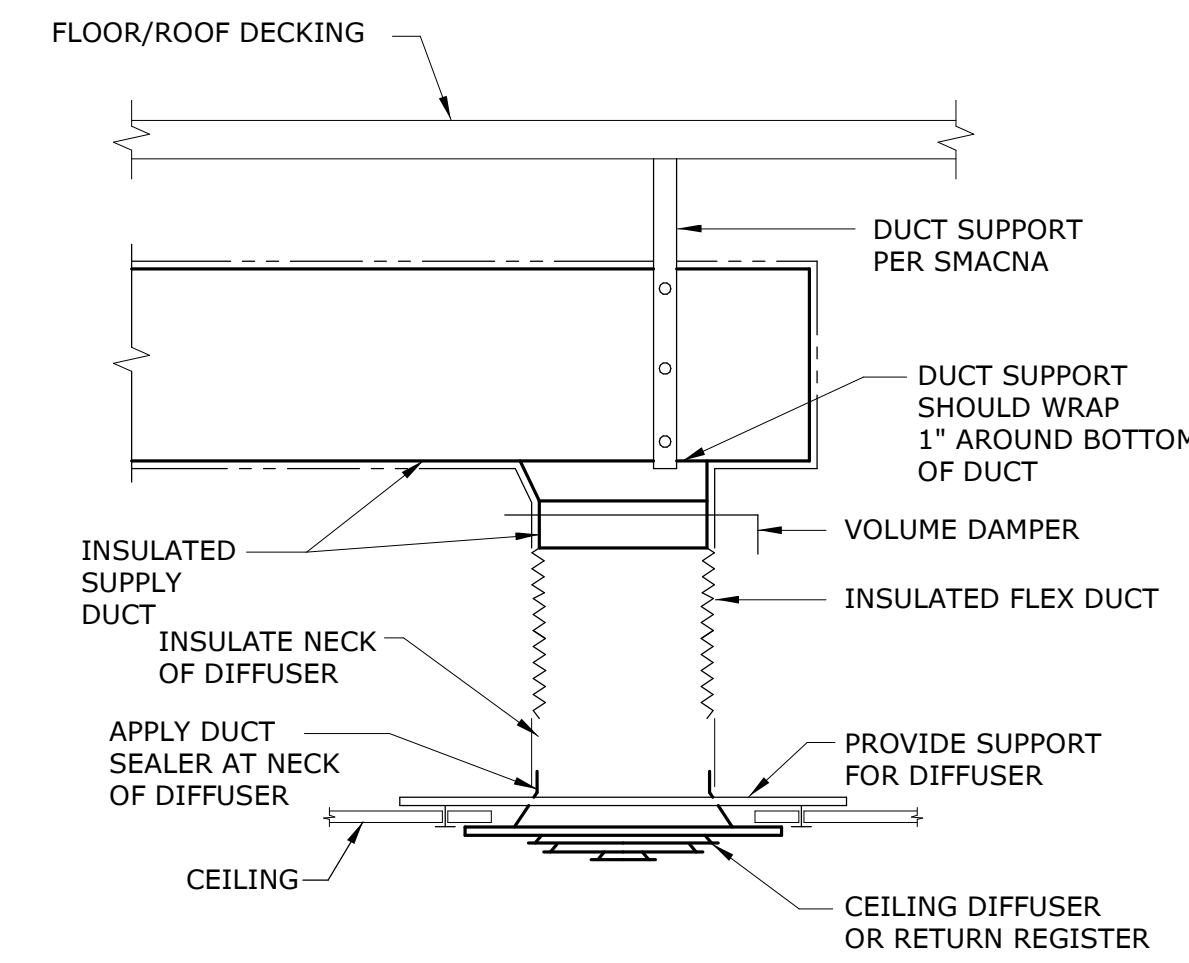
Revision Schedule	
Date	Description
4/23/2025	Addendum #1



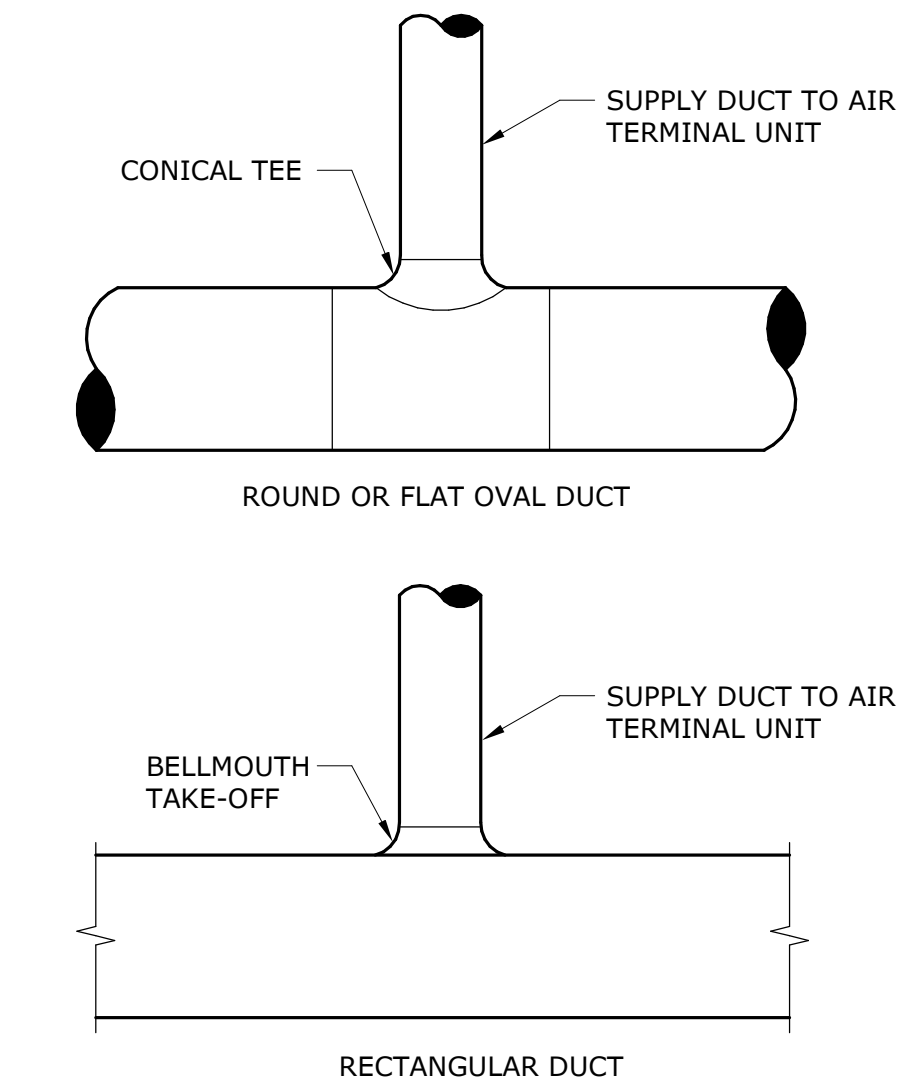
**45° SUPPLY AIR TAKEOFF**  
NO SCALE



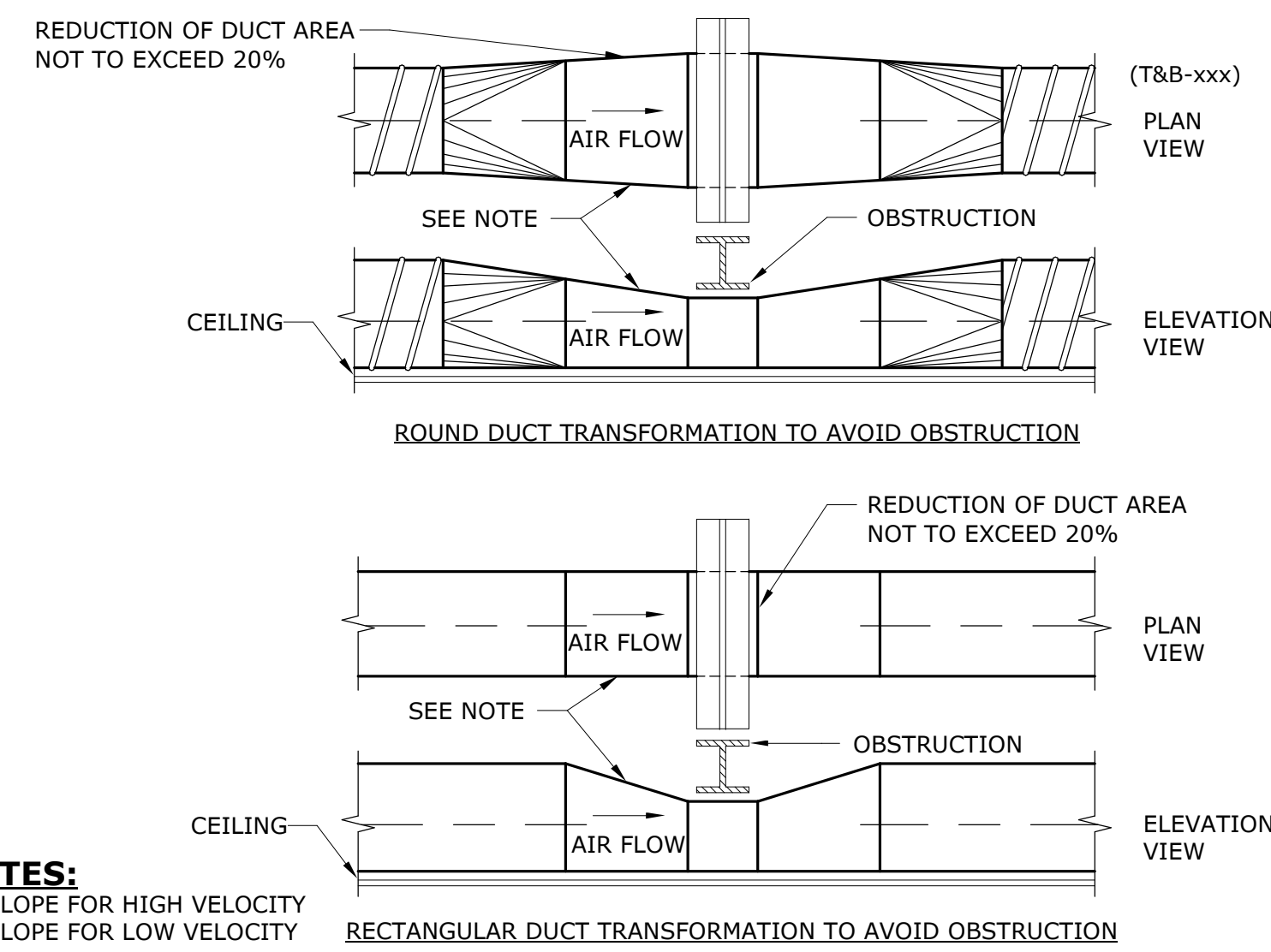
**ROOF MOUNTED PENTHOUSE GRAVITY VENTILATOR**  
NO SCALE



**DIFFUSER**  
NO SCALE

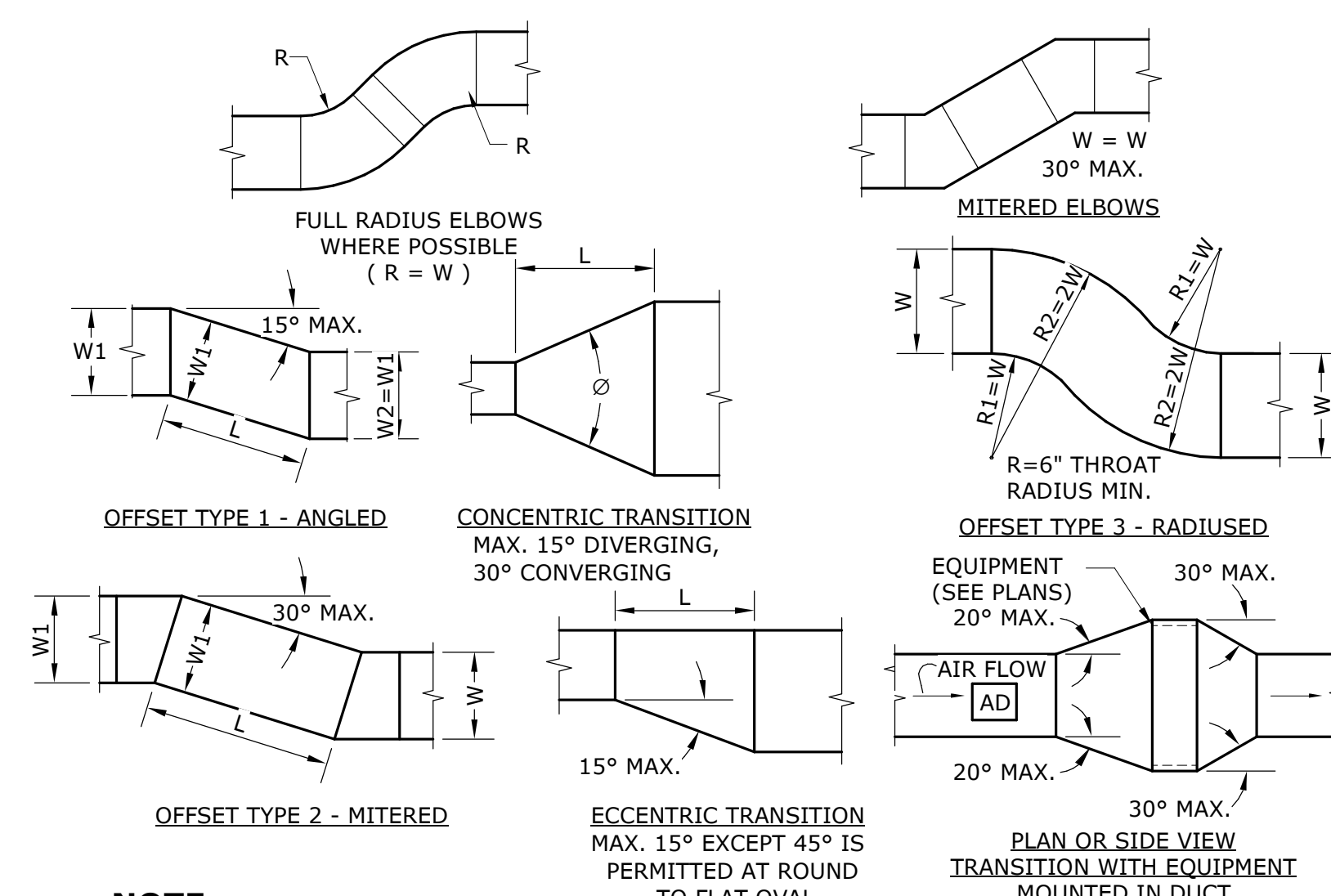


**VAV LOOP PRIMARY SUPPLY AIR TAKEOFF**  
NO SCALE



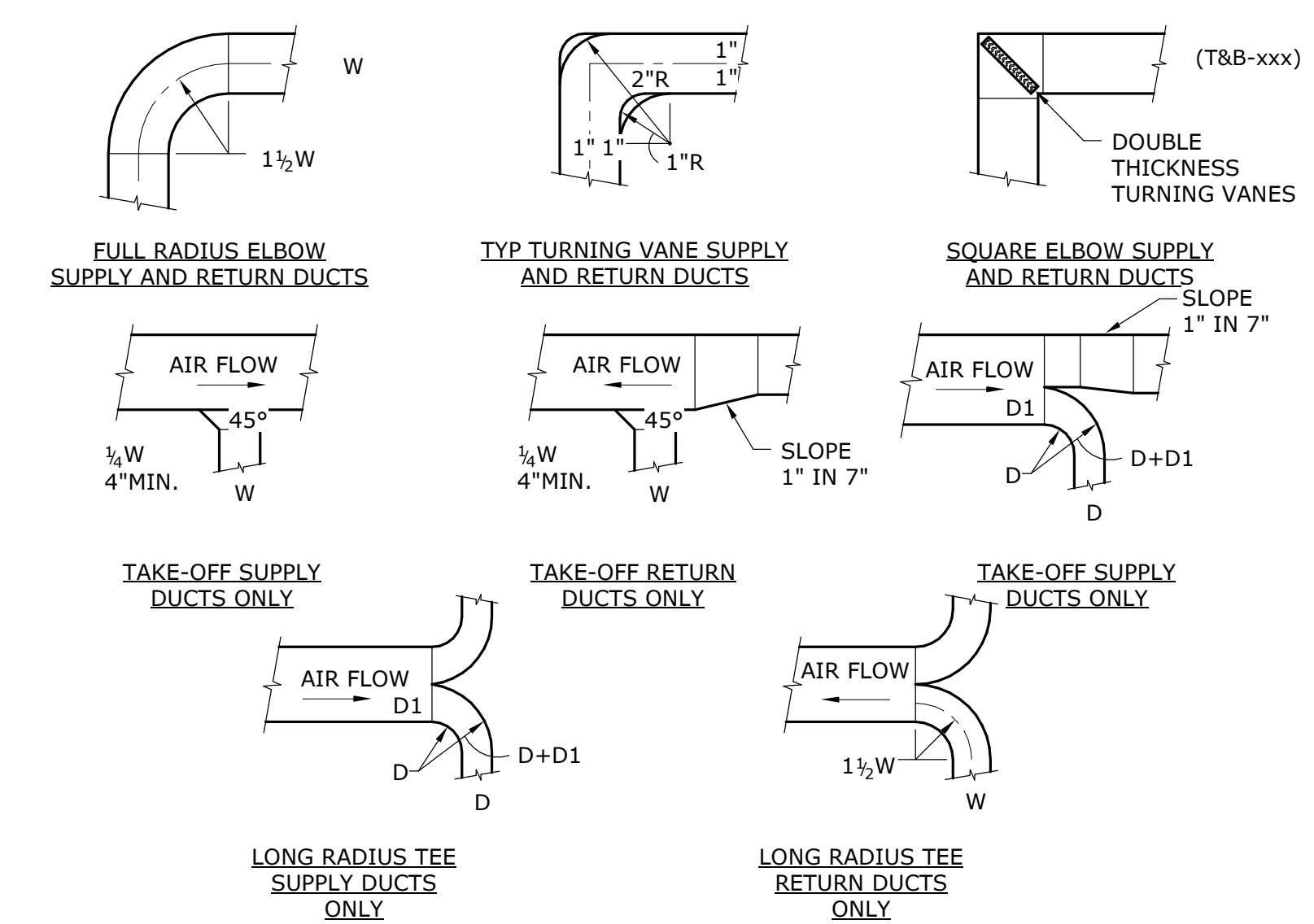
**NOTES:**  
- 1:7 SLOPE FOR HIGH VELOCITY  
- 1:4 SLOPE FOR LOW VELOCITY

**DUCT OBSTRUCTION TRANSFORMATION**  
NO SCALE

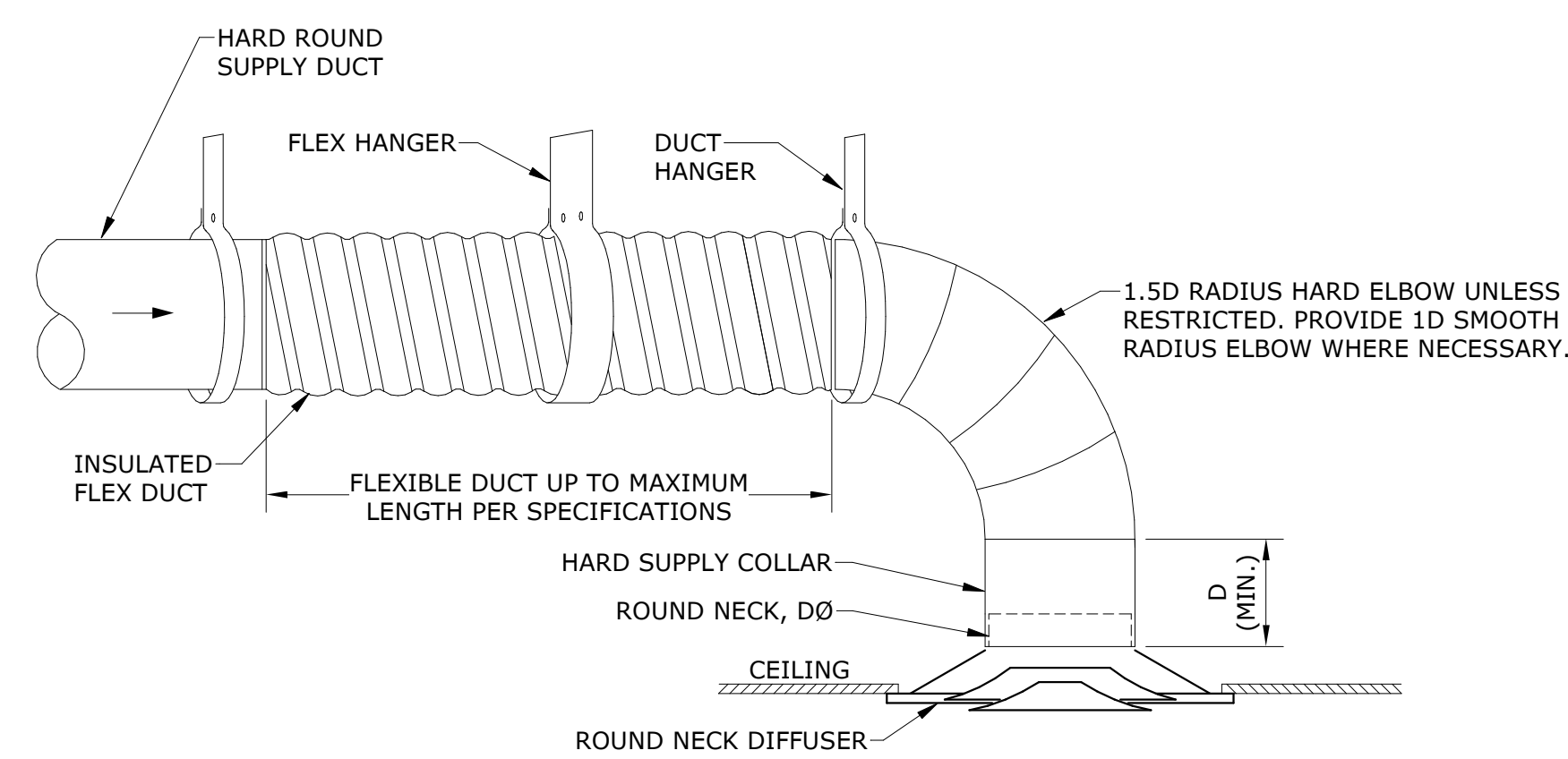


**NOTE:**  
- UNLESS OTHERWISE INDICATED ON PLANS, MAXIMUM ANGLES SHOWN SHALL APPLY.

**OFFSETS AND TRANSITION**  
NO SCALE

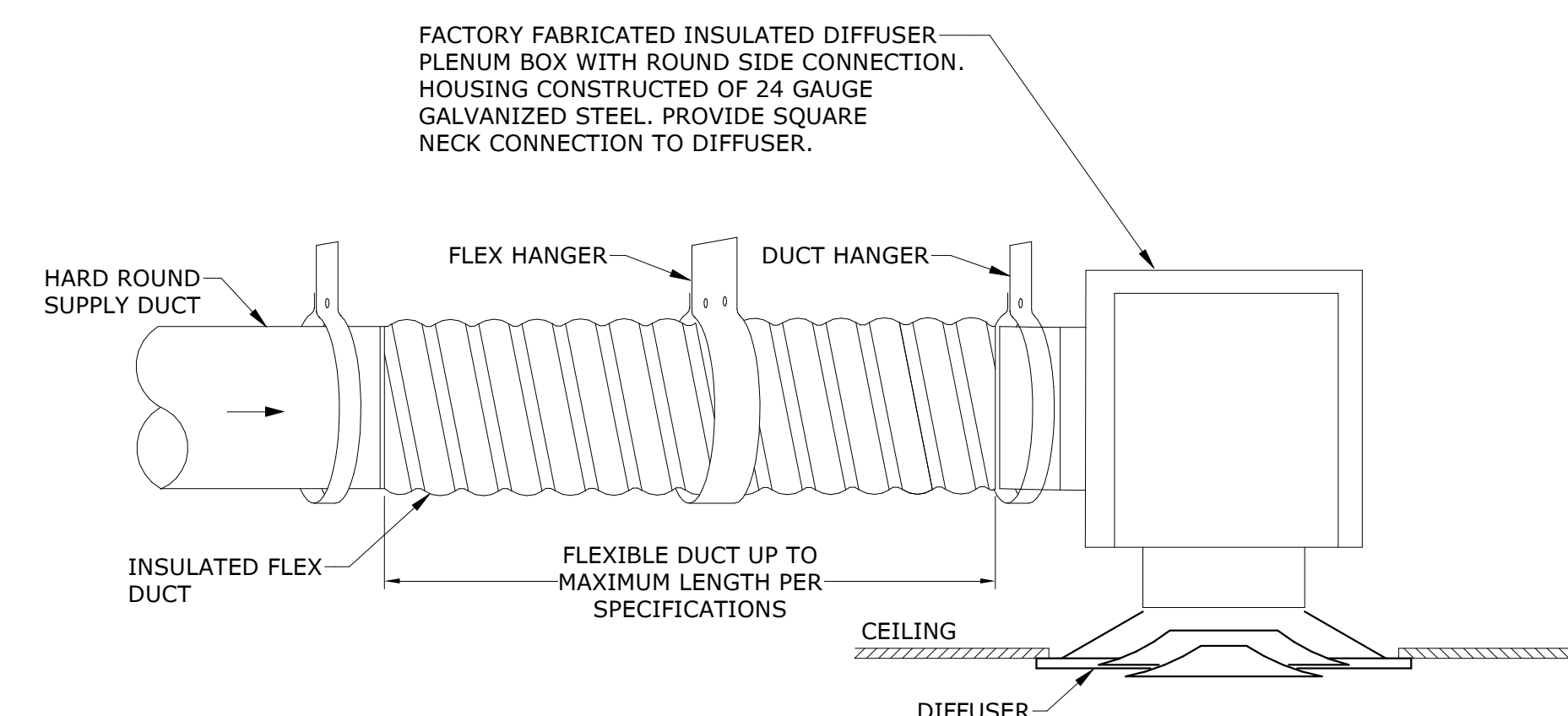


**DUCT**  
NO SCALE



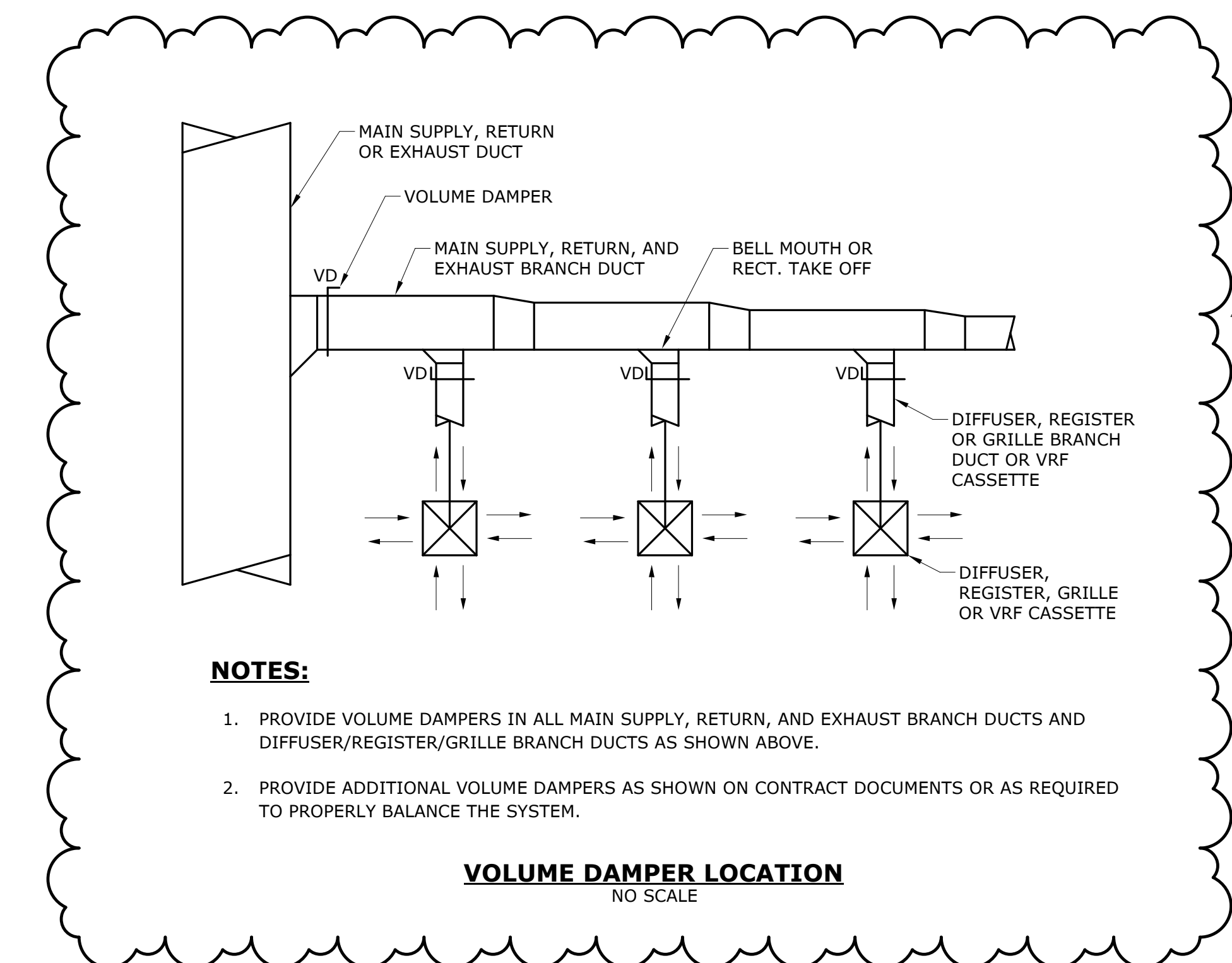
**NOTE:**  
1. HANGER PER SPECIFICATION.

**ROUND CONNECTION TO ROUND NECK DIFFUSER**  
NO SCALE



**NOTES:**  
1. HANGER PER SPECIFICATION.  
2. PROVIDE THIS INSTALLATION DETAIL FOR SQUARE NECK DIFFUSERS WHERE AVAILABLE HEIGHT IS NOT ADEQUATE FOR DETAILS UTILIZING 1D RADIUS ELBOW DIFFUSER CONNECTIONS.

**SIDE CONNECTION TO PLENUM BOX FOR SQUARE DIFFUSERS**  
NO SCALE



**NOTES:**  
1. PROVIDE VOLUME DAMPERS IN ALL MAIN SUPPLY, RETURN, AND EXHAUST BRANCH DUCTS AND DIFFUSER/REGISTER/GRILLE BRANCH DUCTS AS SHOWN ABOVE.  
2. PROVIDE ADDITIONAL VOLUME DAMPERS AS SHOWN ON CONTRACT DOCUMENTS OR AS REQUIRED TO PROPERLY BALANCE THE SYSTEM.

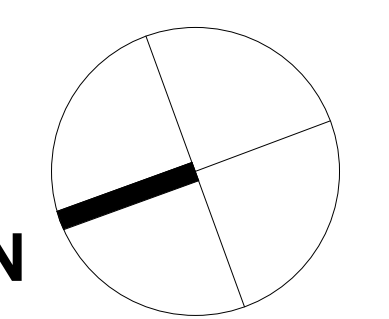
**VOLUME DAMPER LOCATION**  
NO SCALE

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PROJECT

**Fair Haven Community Health Care FHCHC**

**1st Floor Renovation**

374 Grand Avenue, New Haven, CT 06513

**HVAC DETAILS**

SEAL & SIGNATURE | DATE: 04/04/25  
PROJECT No: F5050  
DRAWING BY: OLR  
CHK BY: JNR/KDP  
DWG No: **H-501**