

GROUND FLOOR DEMOLITION PLAN
SCALE: 1:100

GENERAL DEMOLITION NOTES

- A. EXISTING MECHANICAL ITEMS NOT SHOWN SHALL REMAIN UNLESS NOTED OTHERWISE.
- B. EXISTING MECHANICAL ITEMS SHOWN BUT NOT NOTED AS BEING REMOVED OR RENOVATED SHALL REMAIN AS PRESENTLY INSTALLED AND OPERATING.
- C. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ON SITE ALL LOCATIONS AND SIZES OF ALL SERVICES & EQUIPMENT PRIOR TO THE COMMENCEMENT OF WORK.
- D. ALL OPENINGS THAT RESULT FROM THE REMOVAL OF EQUIPMENT OR SERVICES SHALL BE NEATLY PATCHED WITH SUITABLE NEW MATERIALS TO SUIT EXISTING CONSTRUCTION.
- E. PLUMBING VENTS ARE NOT INDICATED OR IDENTIFIED. REMOVE ALL REDUNDANT VENTS WHILE MAINTAINING INTEGRITY OF EXISTING SYSTEMS TO REMAIN.
- F. REMOVAL OF EXISTING PIPING, OR DUCT SYSTEMS INCLUDES REMOVAL OF ALL HANGERS, INSULATION, FITTINGS, ETC.
- G. MAINTAIN INTEGRITY OF EXISTING SYSTEMS THAT ARE TO REMAIN OR BE MODIFIED.
- H. INSTALL NEW SYSTEM OR SERVICES WHERE REQUIRED TO MAINTAIN SYSTEM OPERATION PRIOR TO DEMOLITION OF EXISTING SERVICES.
- I. THIS CONTRACTOR IS TO REMOVE & REPLACE CEILING AS REQUIRED FOR REMOVAL/REPLACEMENT OF SERVICES.

SPECIFIC DEMOLITION NOTES

- 1. REMOVE HWS/HWR AS INDICATED.
- 2. CUT RAD COVER HERE AND REMOVE TO PREPARE FOR INSTALLATION OF NEW UNIT VENTILATOR.
- 3. REMOVE EXISTING RAD COVER COMPLETE FOR REPLACEMENT. RETAIN EXISTING HEATING TUBES.
- 4. REMOVE EXHAUST FAN COMPLETE.
- 5. REMOVE EXISTING CONTROL, BALANCE, AND ISOLATION VALVE, ETC. FOR REPLACEMENT WITH NEW.
- 6. REMOVE TRANSFER GRILLE COMPLETE. PATCH RESULTING OPENING TO MATCH EXISTING.
- 7. CUT BACK EXHAUST DUCT AS INDICATED AND REMOVE COMPLETE. REMOVE GRILLES COMPLETE.
- 8. REMOVE EXISTING THERMOSTAT FOR REPLACEMENT WITH NEW. WHERE EXISTING THERMOSTATS ARE PNEUMATIC, PROPERLY CAP PNEUMATIC LINES. NEW THERMOSTATS TO BE DIGITAL.
- 9. CLEAN EXISTING RADIATOR TUBES AND FINS.

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ISSUED FOR PERMIT	2024.02.23
CHRONOLOGY	DATE

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Project Number: 22320

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101 Ronald Drive, Unit 8, Waukegan, ON, L7R 8K4 211 | www.abarchitects.com

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PROJECT NAME
**COURTLAND PUBLIC SCHOOL
MECH UPGRADES**
107 COURTLAND AVE. E., KITCHENER, ON, N2G 2T9

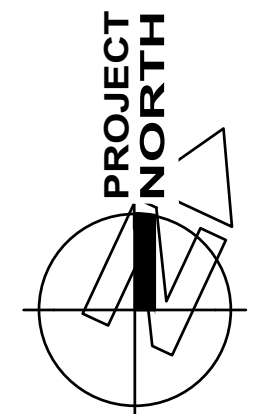
DRAWING TITLE
**GROUND FLOOR
DEMOLITION PLAN**

SCALE	DRAWING NUMBER
AS NOTED	M2.1
SHEET SIZE	
PROJECT NUMBER	


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PROJECT NAME

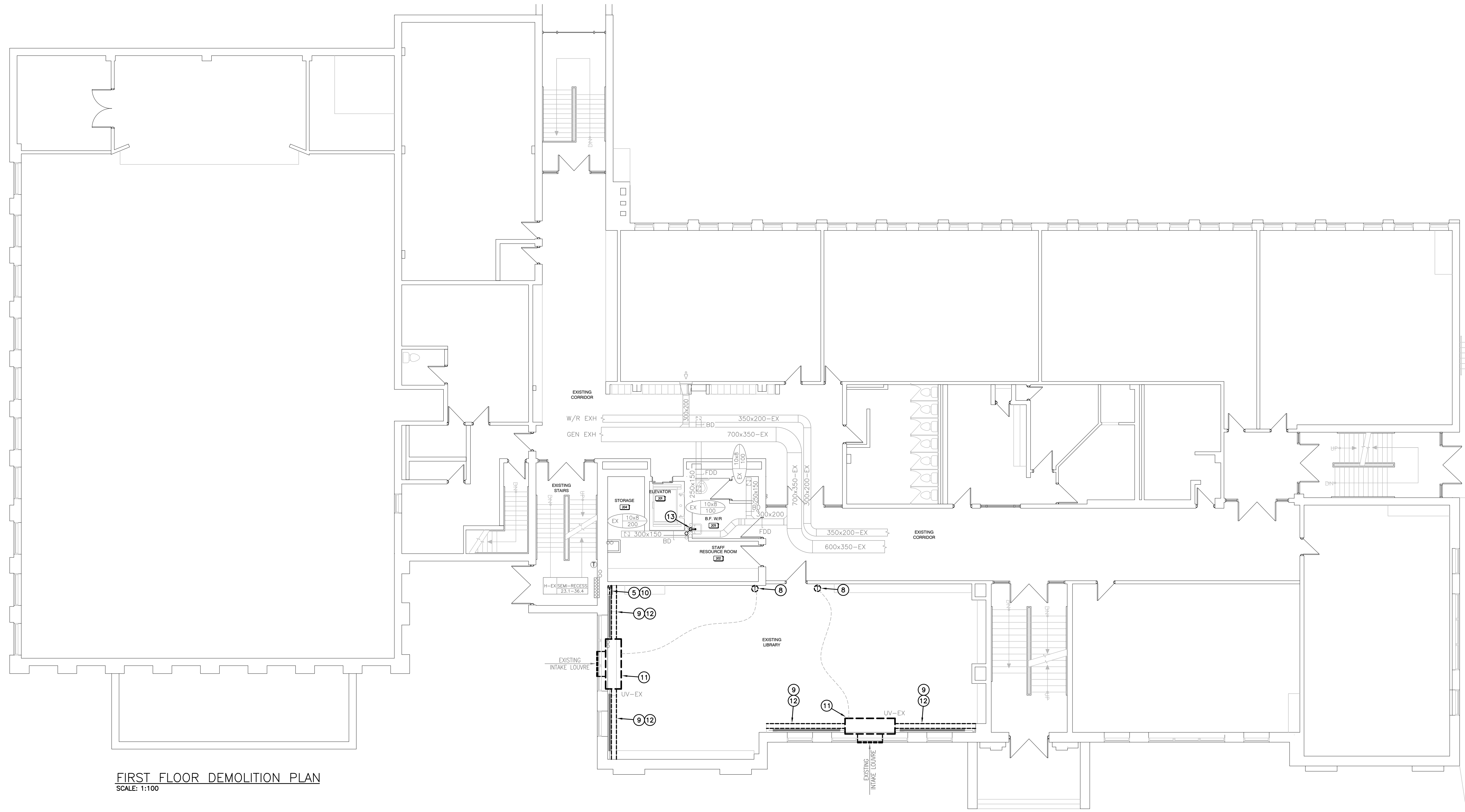
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107 COURTLAND AVE. E., KITCHENER, ON, N2G 2T9

DRAWING TITLE

**FIRST FLOOR
 DEMOLITION PLAN**

SCALE	DRAWING NUMBER
AS NOTED	M2.2
SHEET SIZE	
PROJECT NUMBER	



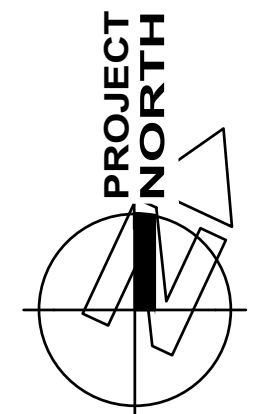
FIRST FLOOR DEMOLITION PLAN
 SCALE: 1:100

- SPECIFIC DEMOLITION NOTES**
- REMOVE EXISTING CONTROL, BALANCE, AND ISOLATION VALVE, ETC. FOR REPLACEMENT WITH NEW.
 - REMOVE EXISTING THERMOSTAT FOR REPLACEMENT WITH NEW WHERE EXISTING THERMOSTATS ARE PNEUMATIC. PROPERLY CAP PNEUMATIC LINES. NEW THERMOSTATS TO BE DIGITAL.
 - CLEAN EXISTING RADIATOR TUBES AND FINS.
 - CUT BACK EXISTING RAD AS INDICATED TO FACILITATE INSTALLATION OF CHASE WALL.
 - REMOVE EXISTING UNIT VENTILATOR COMPLETE.
 - MILLWORK IN FRONT OF EXISTING RAD IS BEING REMOVED FOR REPLACEMENT WITH NEW. REMOVE EXISTING PENCIL GRILLE COMPLETE.
 - REMOVE EXISTING FIXTURE DRAIN AND TRAP FOR REINSTALLATION.


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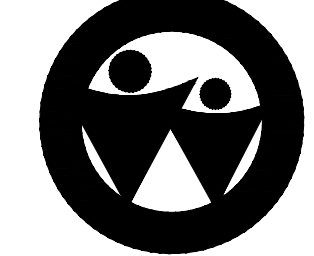
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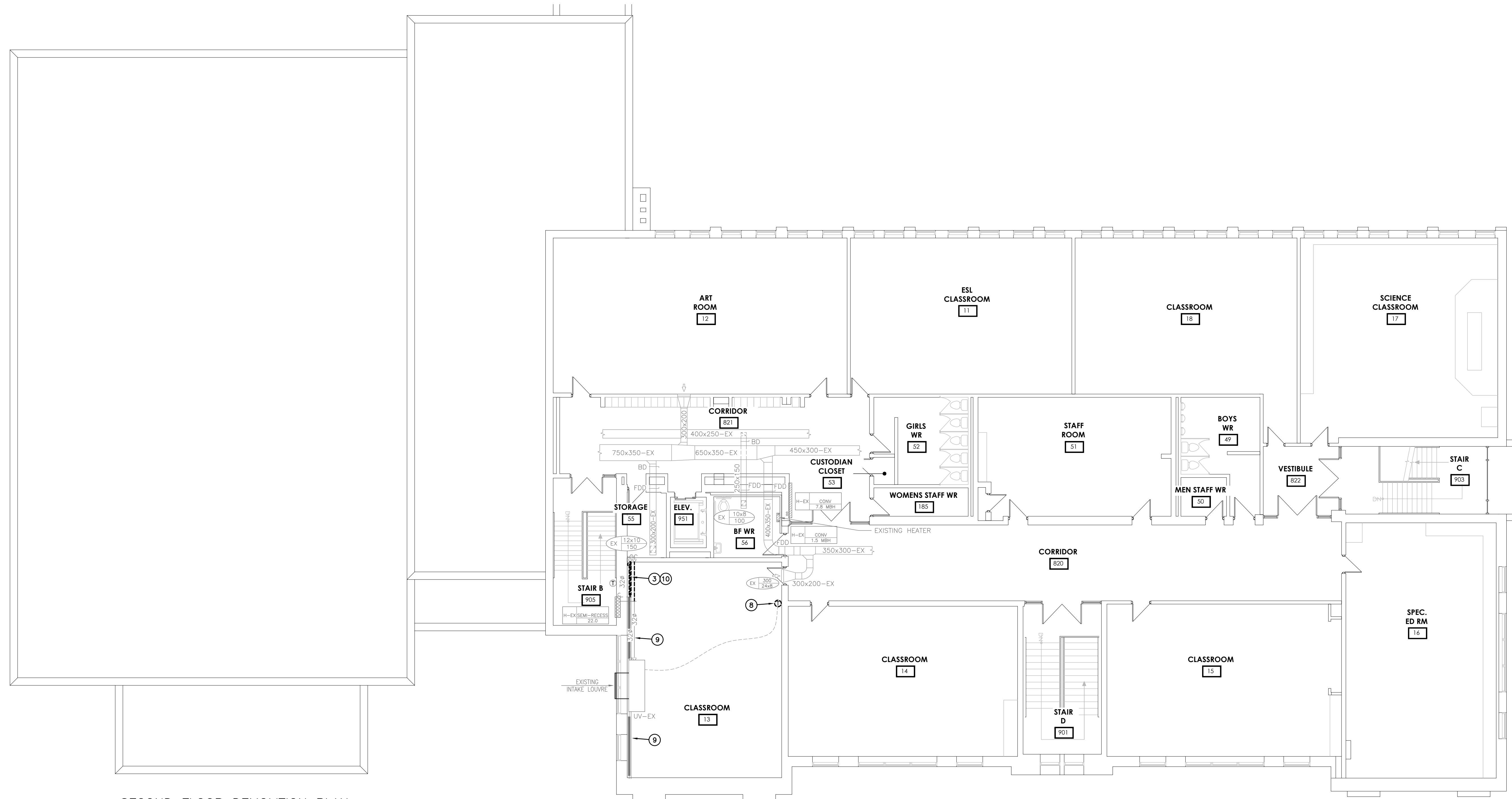
PROJECT NAME

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DRAWING TITLE

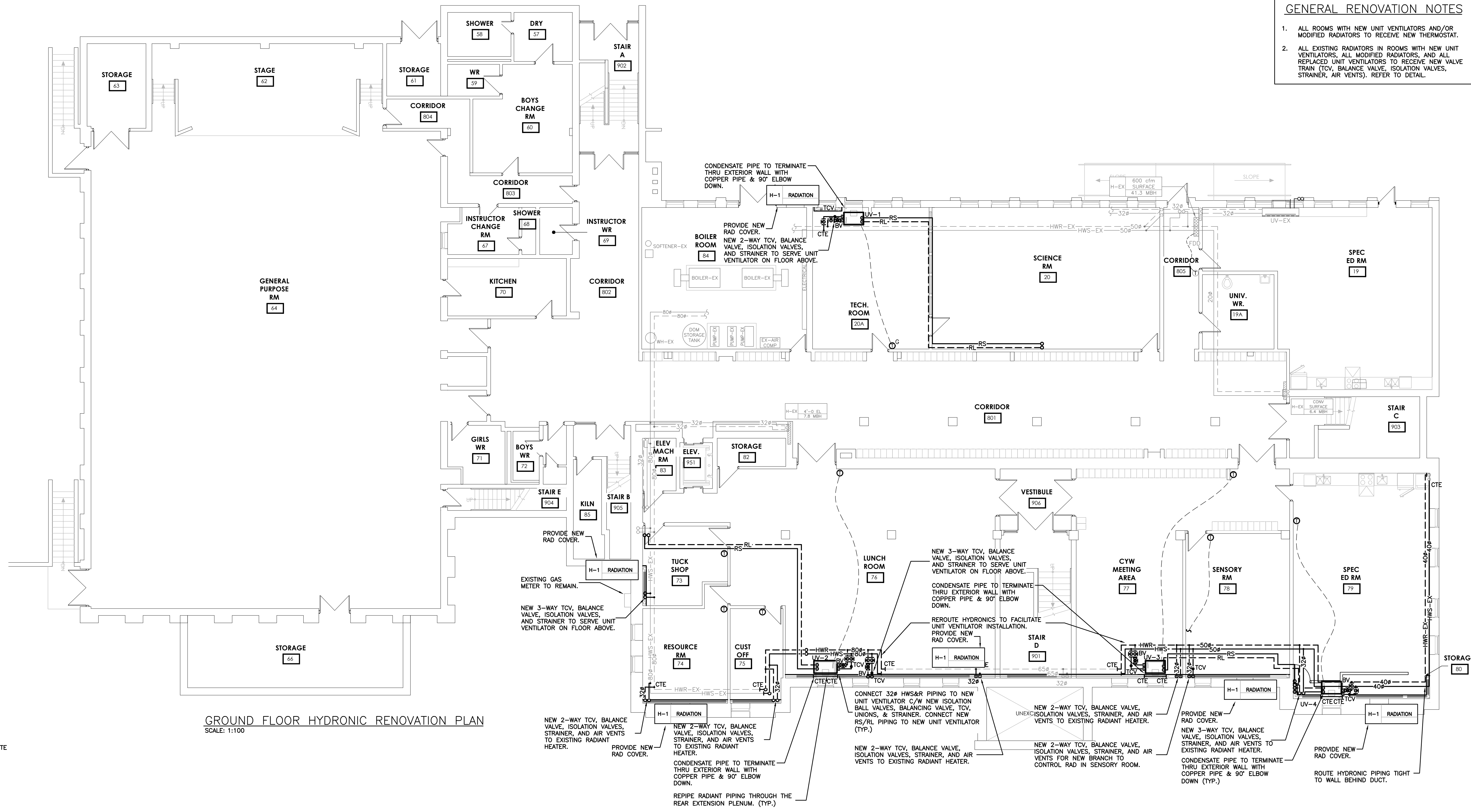
**SECOND FLOOR
 DEMOLITION PLAN**

SCALE	DRAWING NUMBER
AS NOTED	M2.3
SHEET SIZE	
PROJECT NUMBER	
24x36	
22320	



SECOND FLOOR DEMOLITION PLAN
 SCALE: 1:100

- SPECIFIC DEMOLITION NOTES**
- REMOVE EXISTING RAD COVER COMPLETE FOR REPLACEMENT. RETAIN EXISTING HEATING TUBES.
 - REMOVE EXISTING THERMOSTAT FOR REPLACEMENT WITH NEW WHERE EXISTING THERMOSTATS ARE PNEUMATIC. PROPERLY CAP PNEUMATIC LINES. NEW THERMOSTATS TO BE DIGITAL.
 - CLEAN EXISTING RADIATOR TUBES AND FINS.
 - CUT BACK EXISTING RAD AS INDICATED TO FACILITATE INSTALLATION OF CHASE WALL.



GROUND FLOOR HYDRONIC RENOVATION PLAN
SCALE: 1:100

- GENERAL RENOVATION NOTES**
1. ALL ROOMS WITH NEW UNIT VENTILATORS AND/OR MODIFIED RADIATORS TO RECEIVE NEW THERMOSTAT.
 2. ALL EXISTING RADIATORS IN ROOMS WITH NEW UNIT VENTILATORS, ALL MODIFIED RADIATORS, AND ALL REPLACED UNIT VENTILATORS TO RECEIVE NEW VALVE TRAIN (TCV, BALANCE VALVE, ISOLATION VALVES, STRAINER, AIR VENTS). REFER TO DETAIL.

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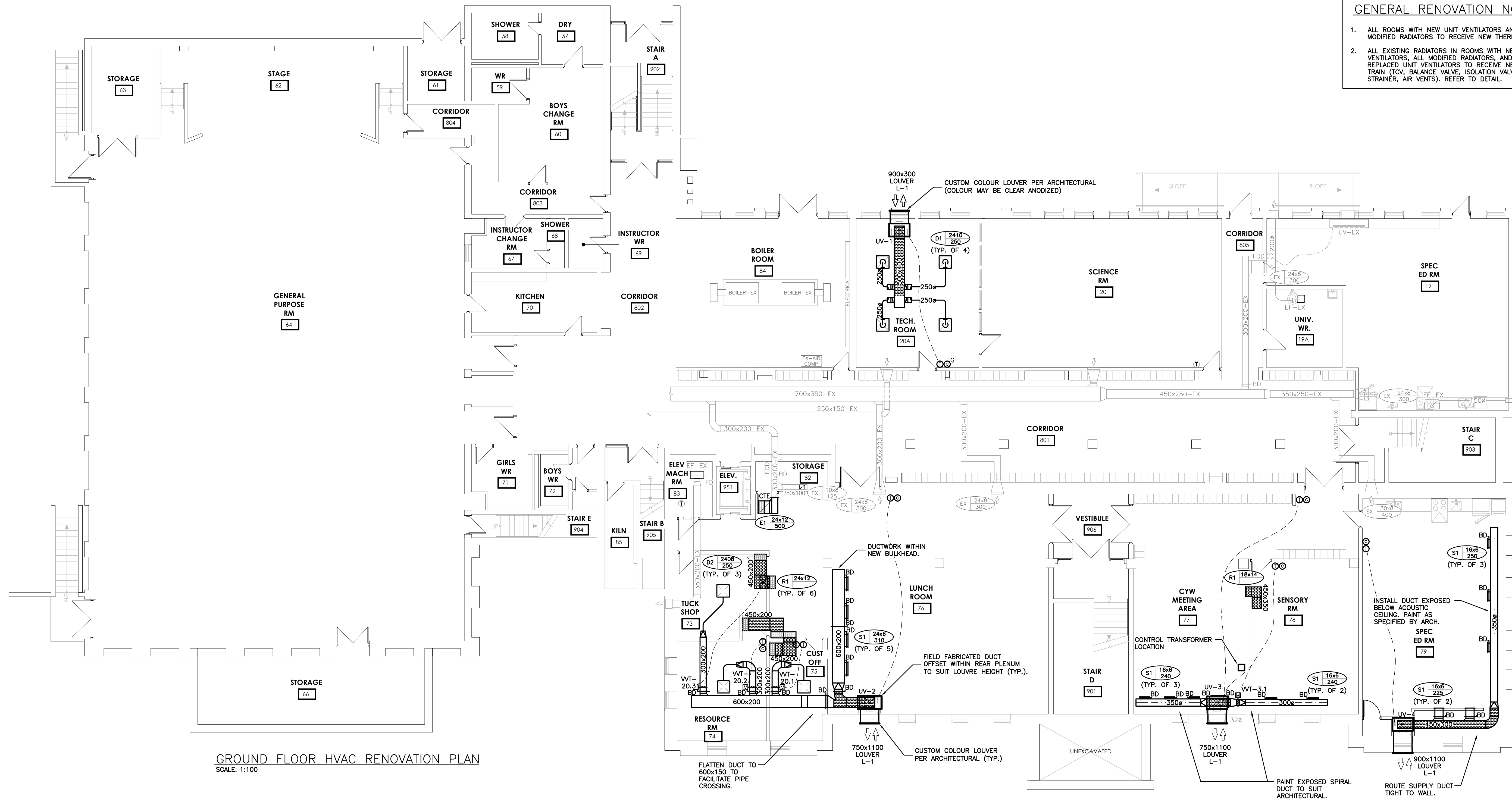
PROJECT NAME

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107 COURTLAND AVE. E., KITCHENER, ON, N2G 2T9

DRAWING TITLE

GROUND FLOOR
HYDRONIC
RENOVATION PLAN

SCALE	DRAWING NUMBER
AS NOTED	M3.1
SHEET SIZE	
PROJECT NUMBER	



GROUND FLOOR HVAC RENOVATION PLAN
SCALE: 1:100

GENERAL RENOVATION NOTES

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- ALL EXISTING RADIATORS IN ROOMS WITH NEW UNIT VENTILATORS, ALL MODIFIED RADIATORS, AND ALL REPLACED UNIT VENTILATORS TO RECEIVE NEW VALVE TRAIN (COV, BALANCE VALVE, ISOLATION VALVES, STRAINER, AIR VENTS). REFER TO DETAIL.

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DRAWING TITLE
**GROUND FLOOR
HVAC RENOVATION
PLAN**

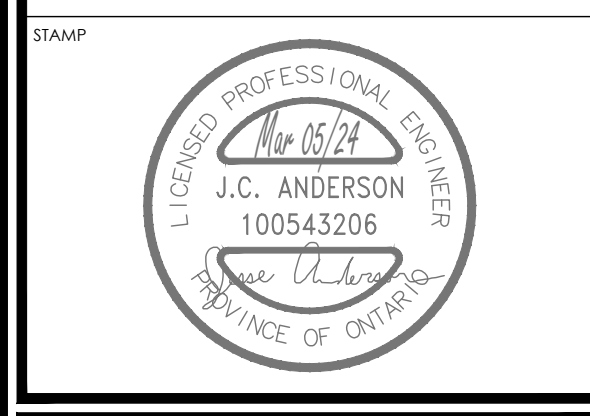
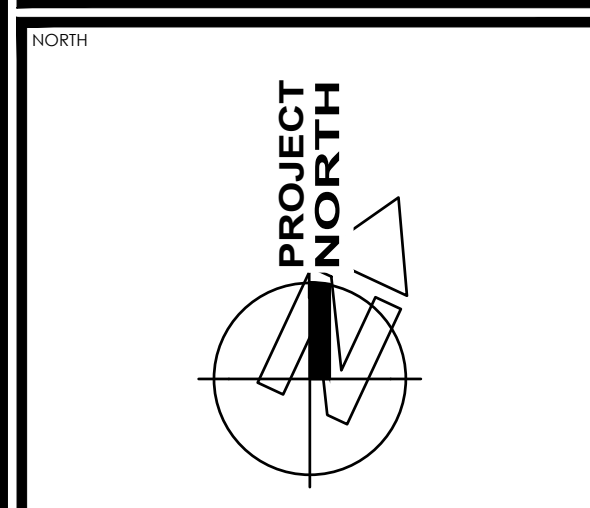
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AS NOTED	M3.2
SHEET SIZE	
PROJECT NUMBER	

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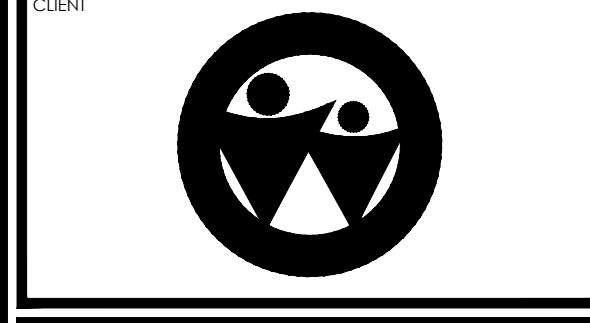
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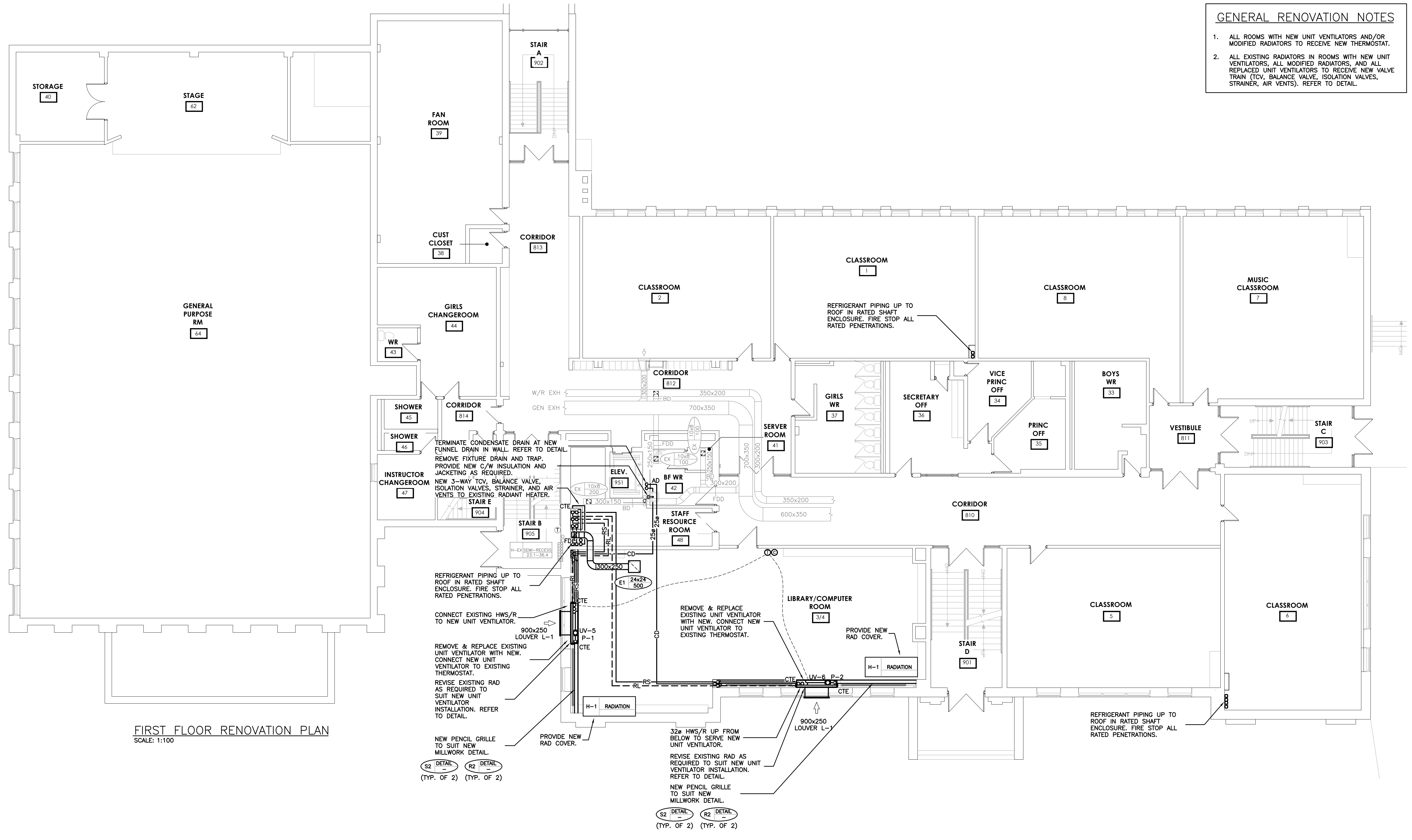
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**FIRST FLOOR
 RENOVATION PLAN**

SCALE	DRAWING NUMBER
AS NOTED	M3.3
SHEET SIZE	24x36
PROJECT NUMBER	22320



FIRST FLOOR RENOVATION PLAN
 SCALE: 1:100

GENERAL RENOVATION NOTES

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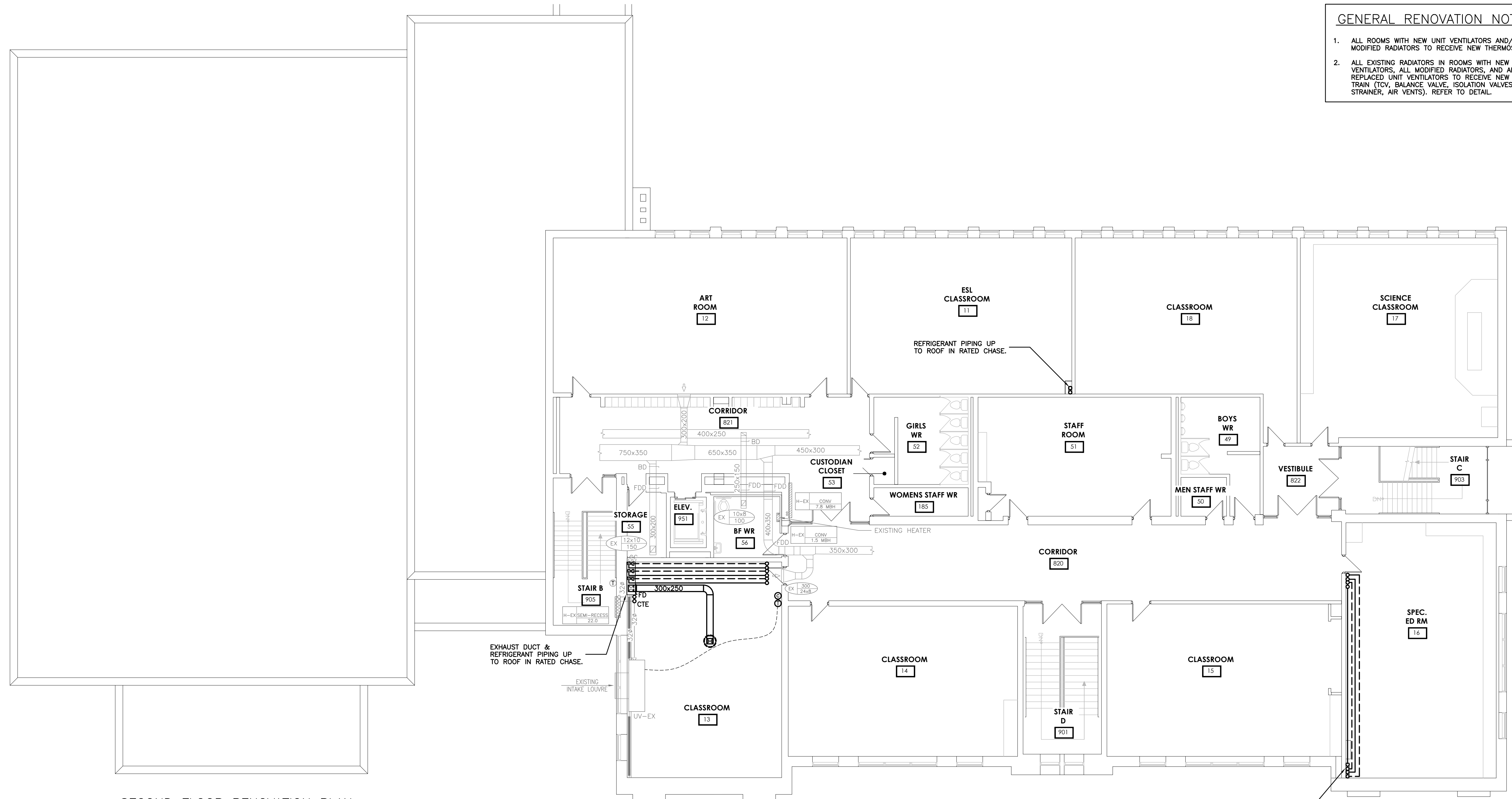
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DRAWING TITLE

**SECOND FLOOR
 RENOVATION PLAN**

SCALE	DRAWING NUMBER
AS NOTED	M3.4
SHEET SIZE	
PROJECT NUMBER	

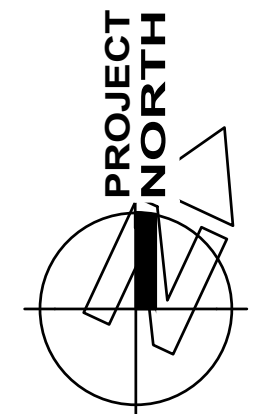


SECOND FLOOR RENOVATION PLAN
 SCALE: 1:100


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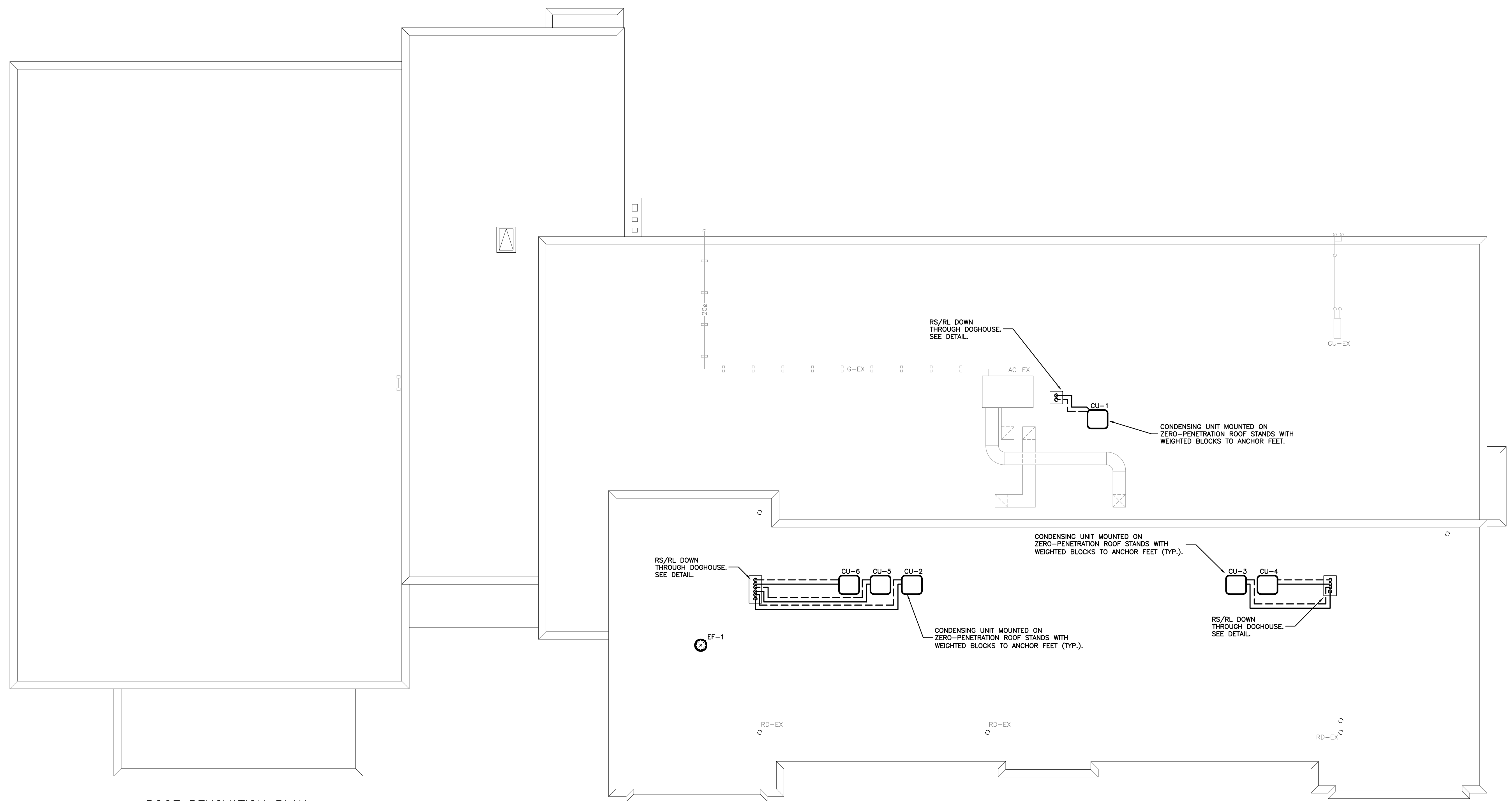
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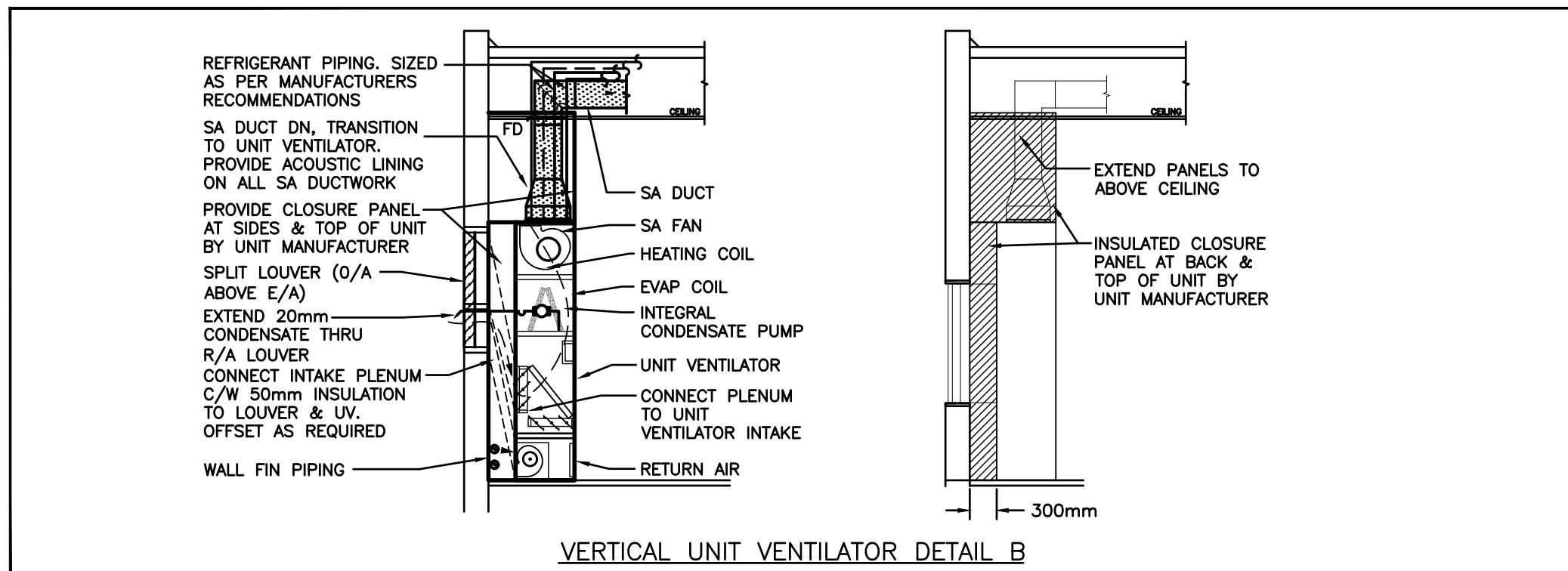
PROJECT NAME
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DRAWING TITLE
**ROOF RENOVATION
 PLAN**

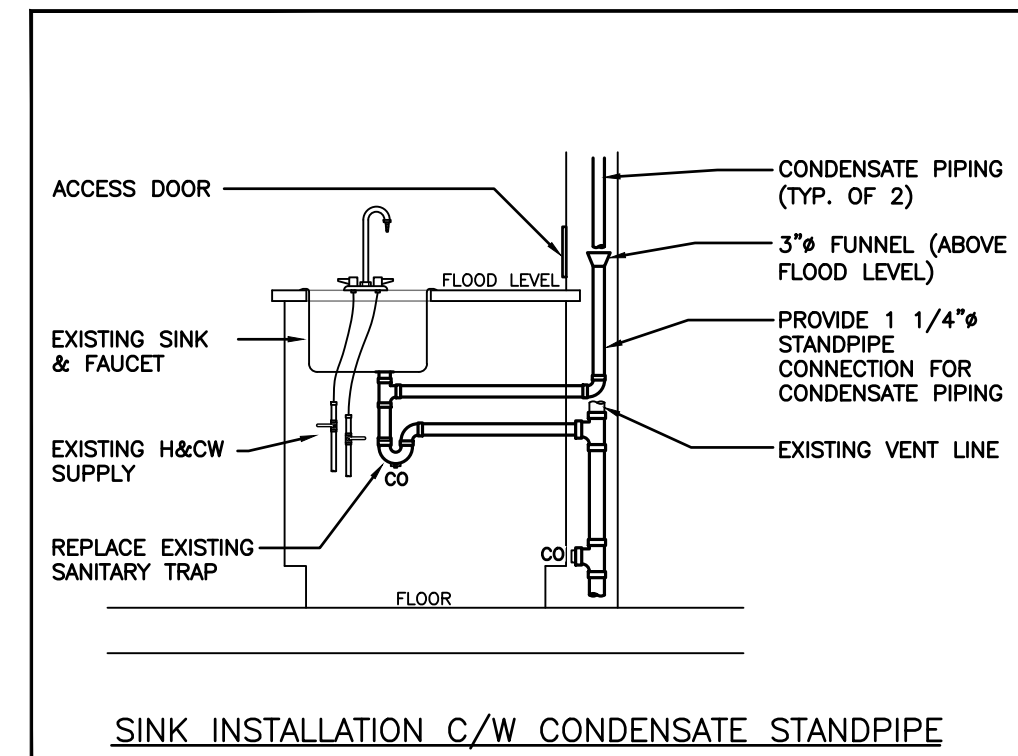
SCALE	AS NOTED	DRAWING NUMBER M3.5
SHEET SIZE	24x36	
PROJECT NUMBER	22320	



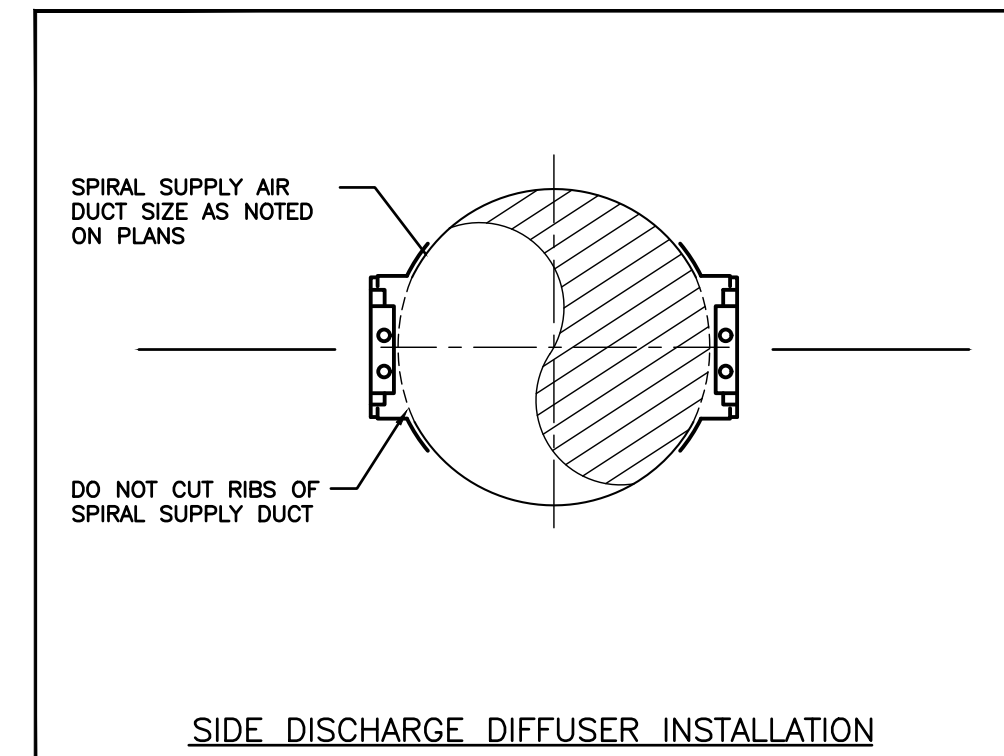
ROOF RENOVATION PLAN
 SCALE: 1:100



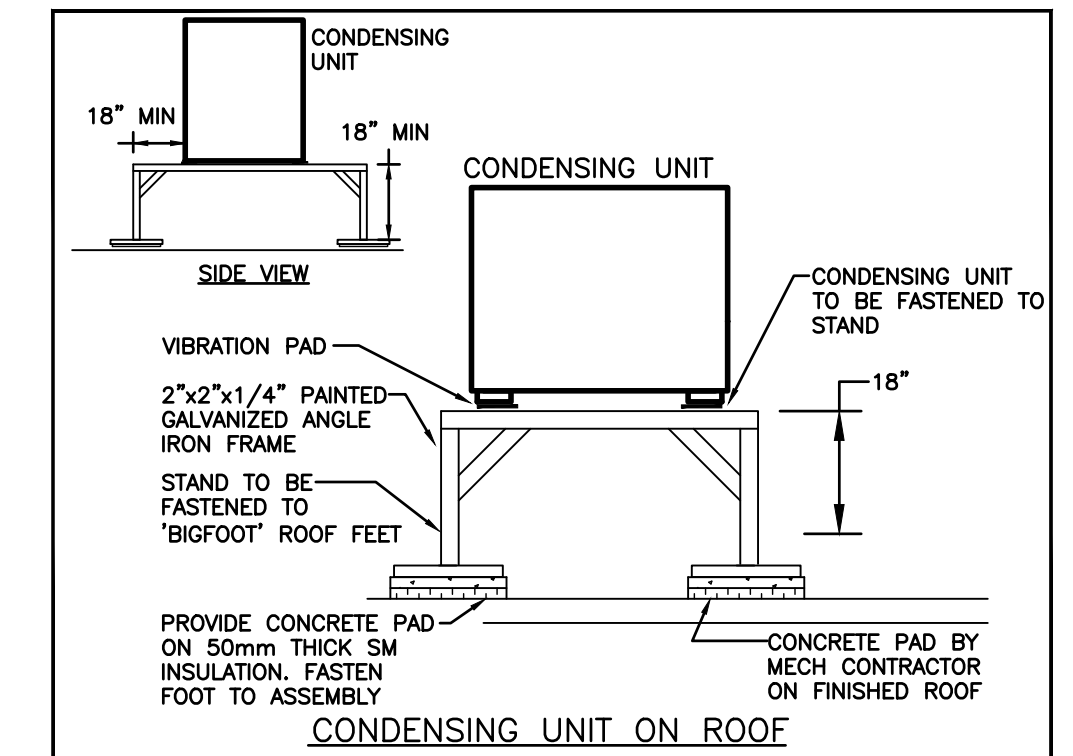
VERTICAL UNIT VENTILATOR DETAIL B



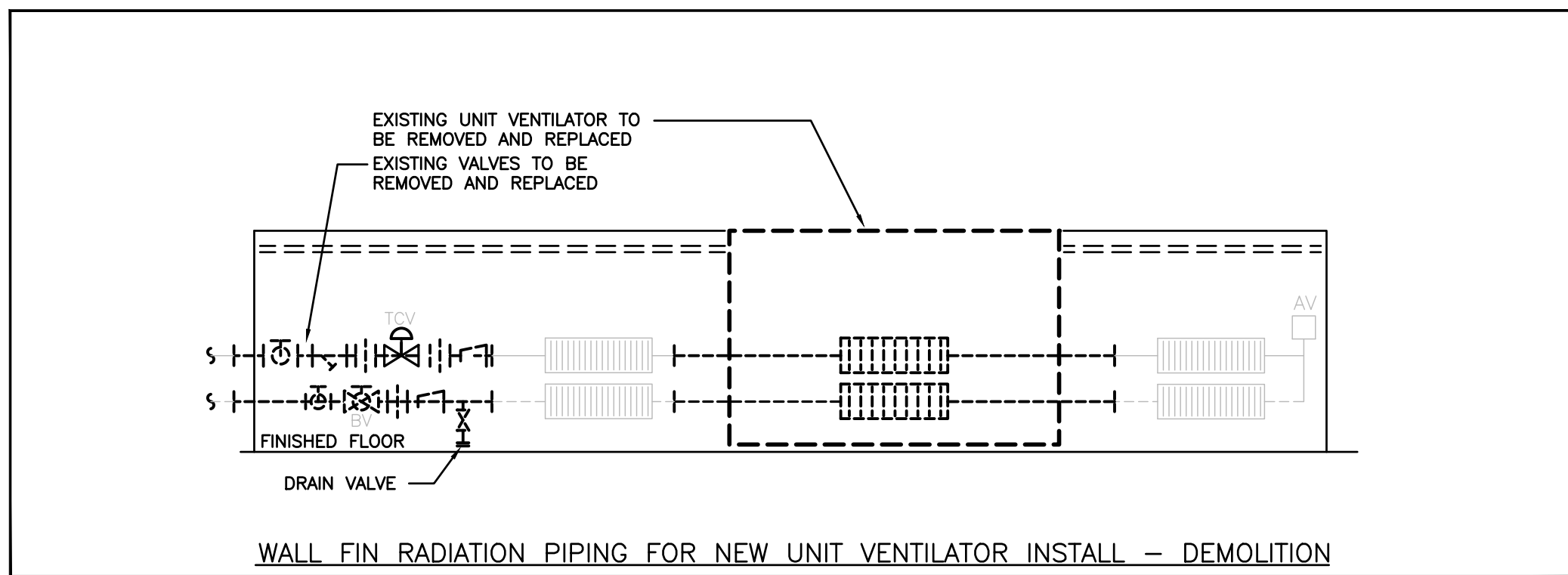
SINK INSTALLATION C/W CONDENSATE STANDPIPE



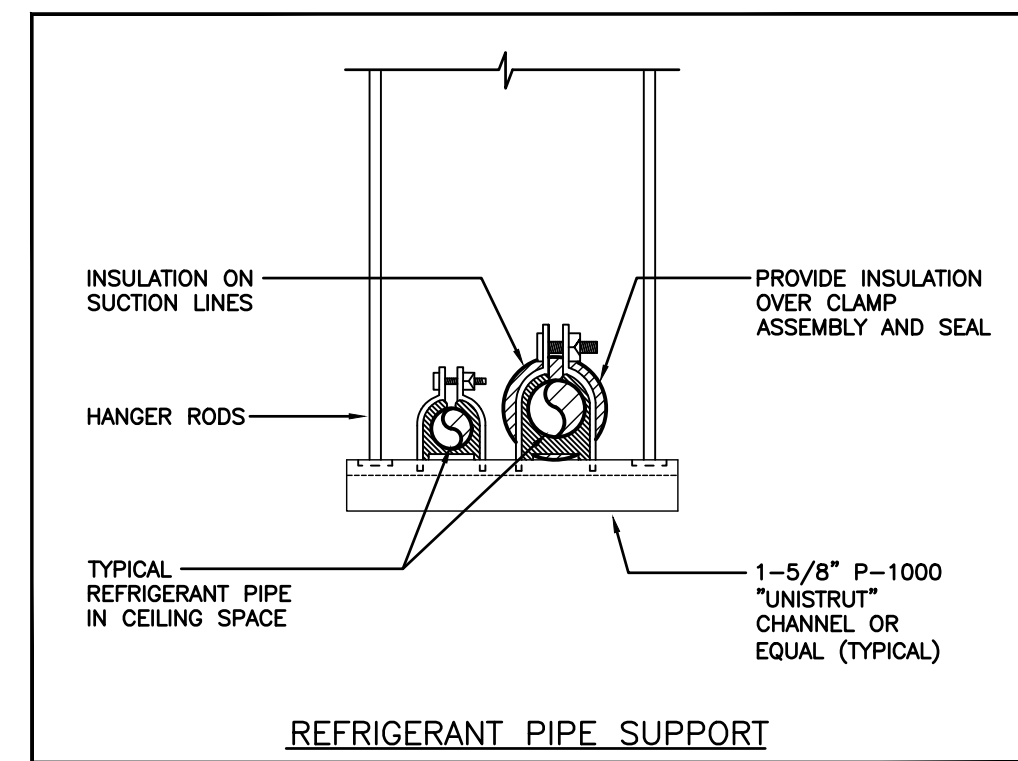
SIDE DISCHARGE DIFFUSER INSTALLATION



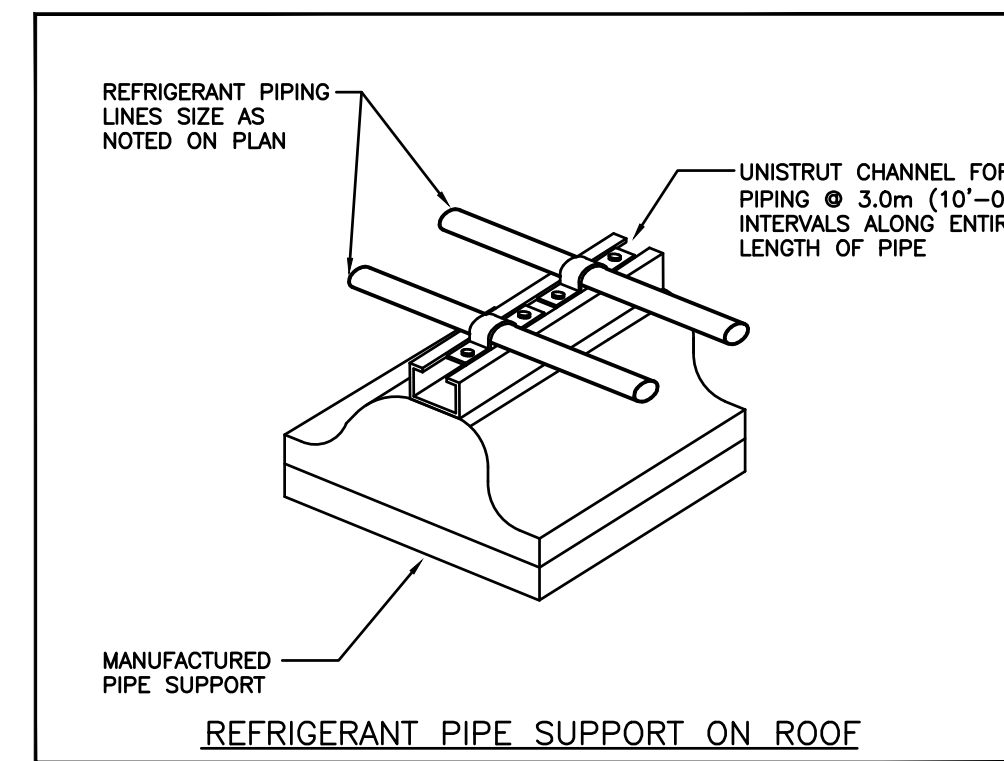
CONDENSING UNIT ON ROOF



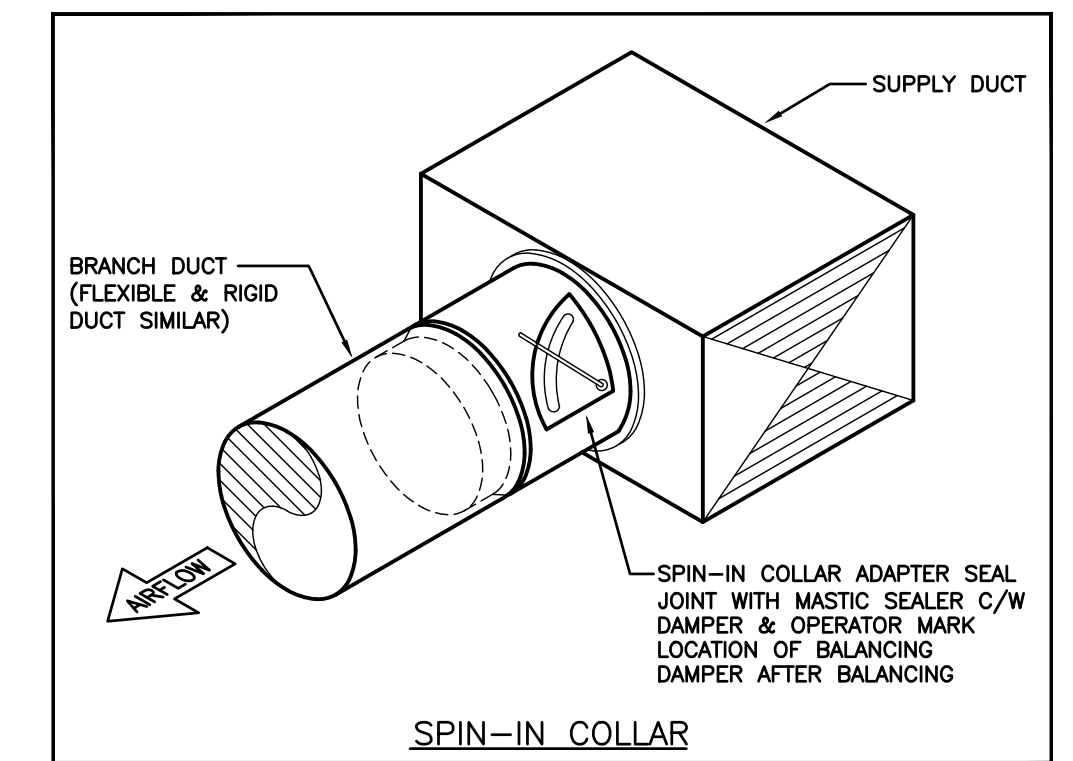
WALL FIN RADIATION PIPING FOR NEW UNIT VENTILATOR INSTALL - DEMOLITION



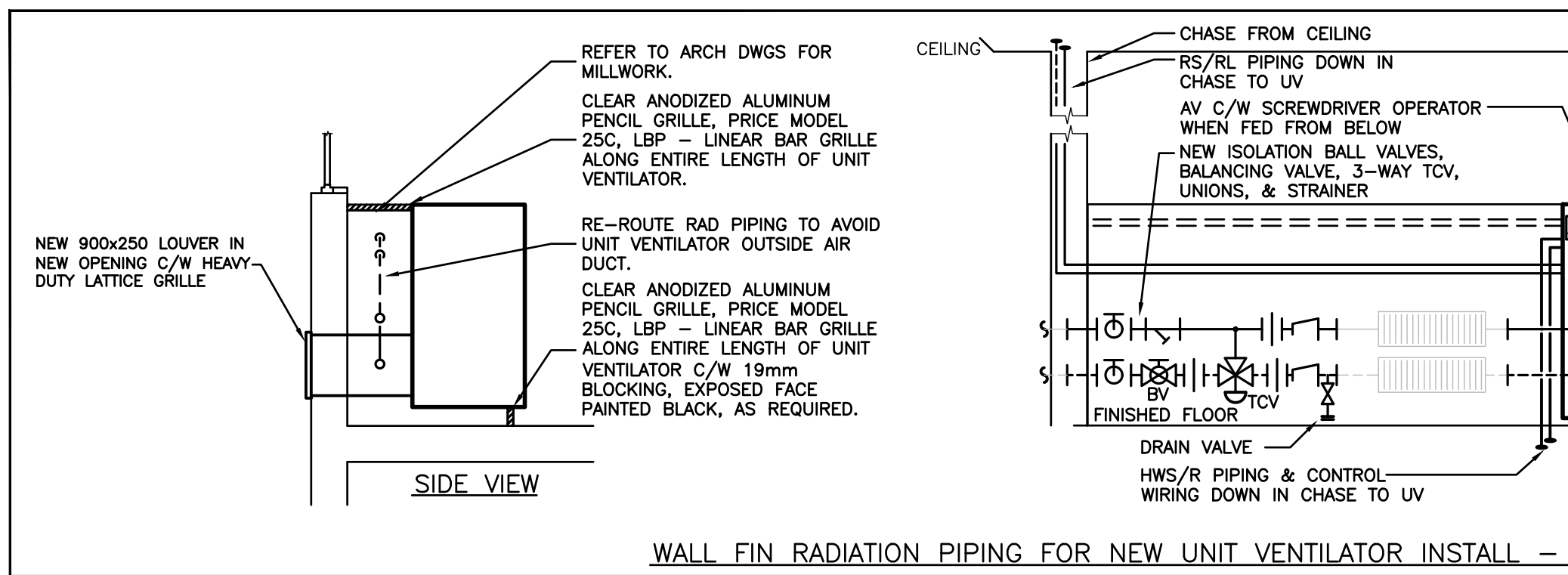
REFRIGERANT PIPE SUPPORT



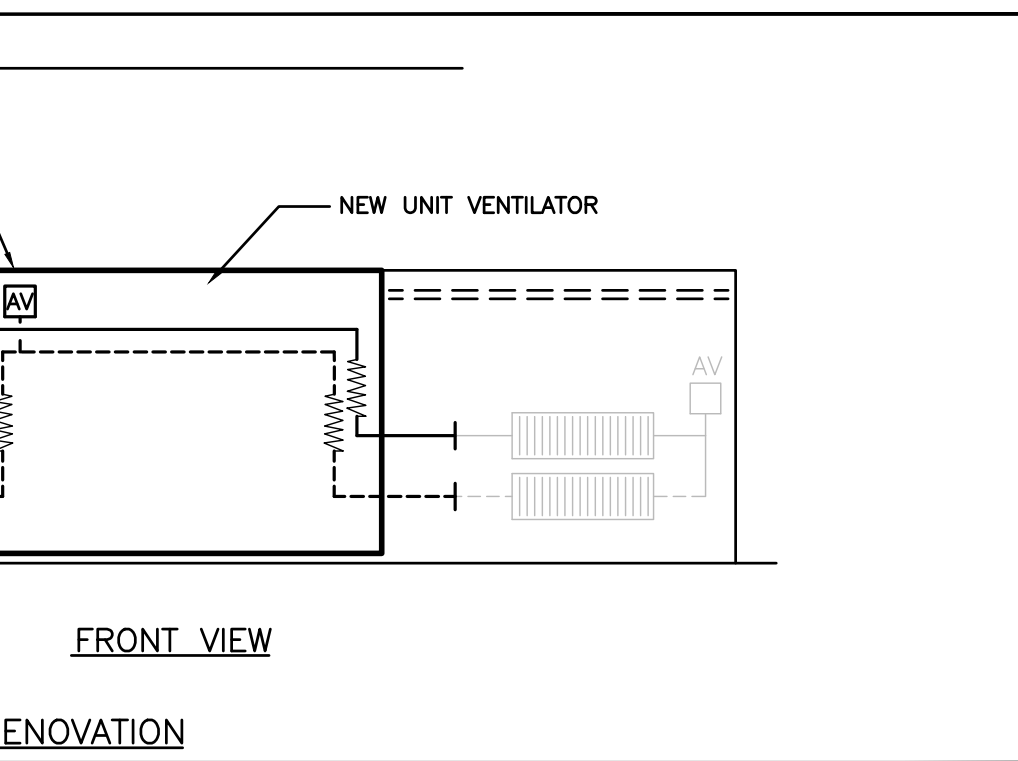
REFRIGERANT PIPE SUPPORT ON ROOF



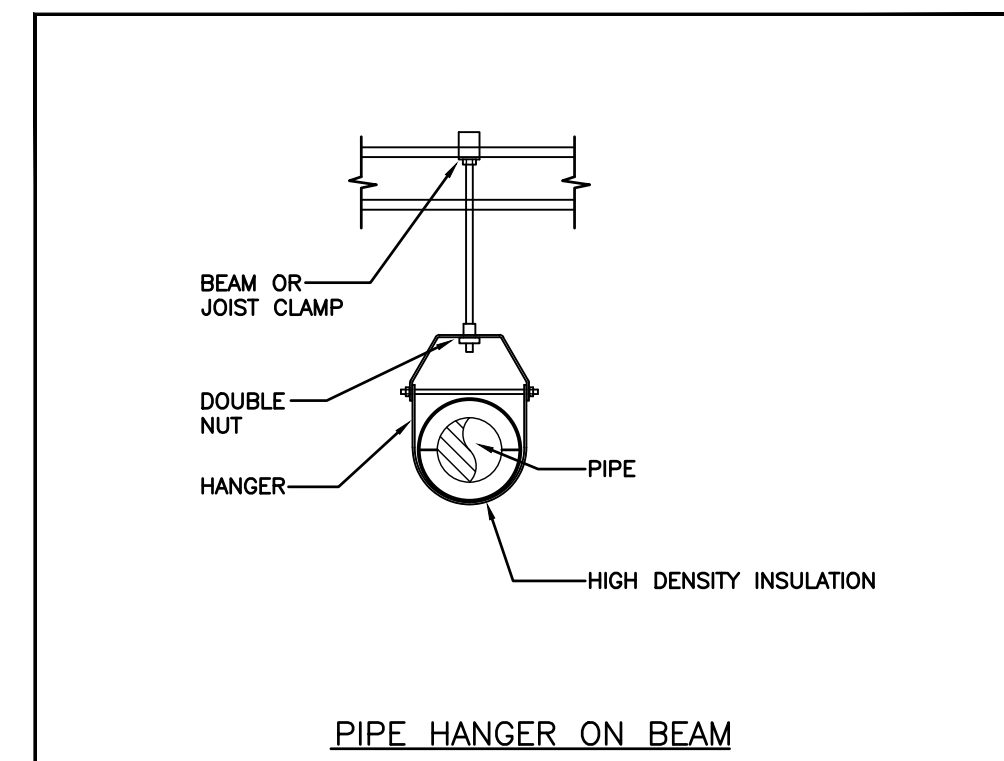
SPIN-IN COLLAR



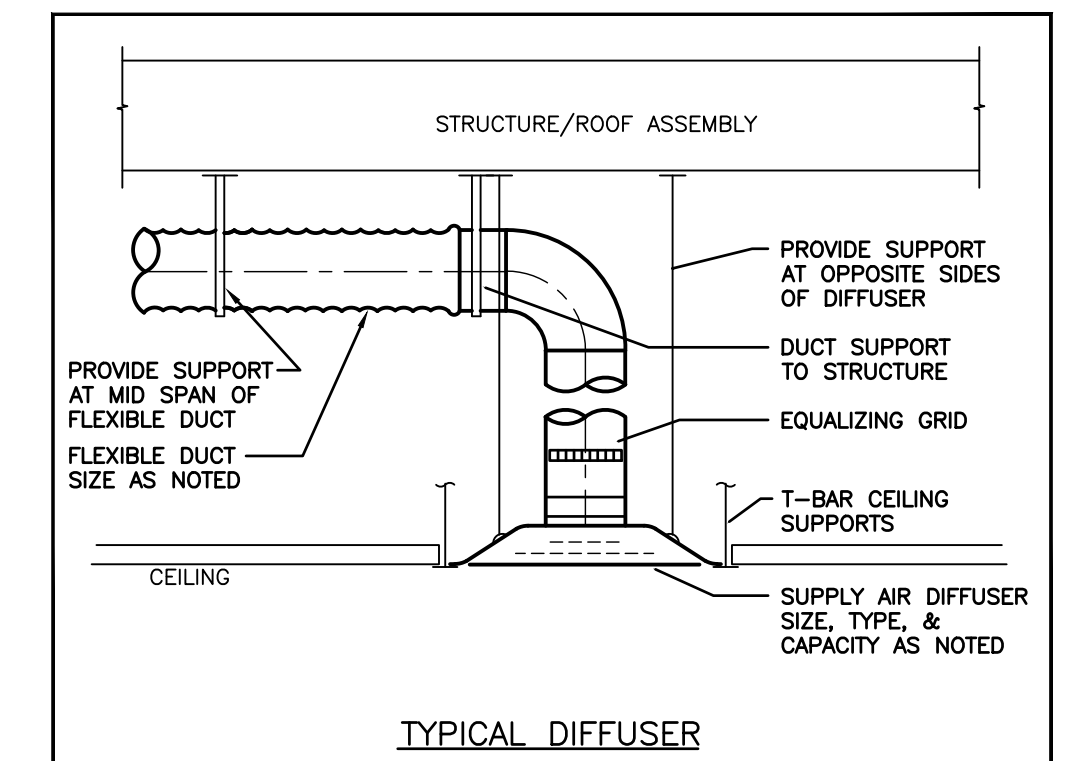
WALL FIN RADIATION PIPING FOR NEW UNIT VENTILATOR INSTALL - RENOVATION



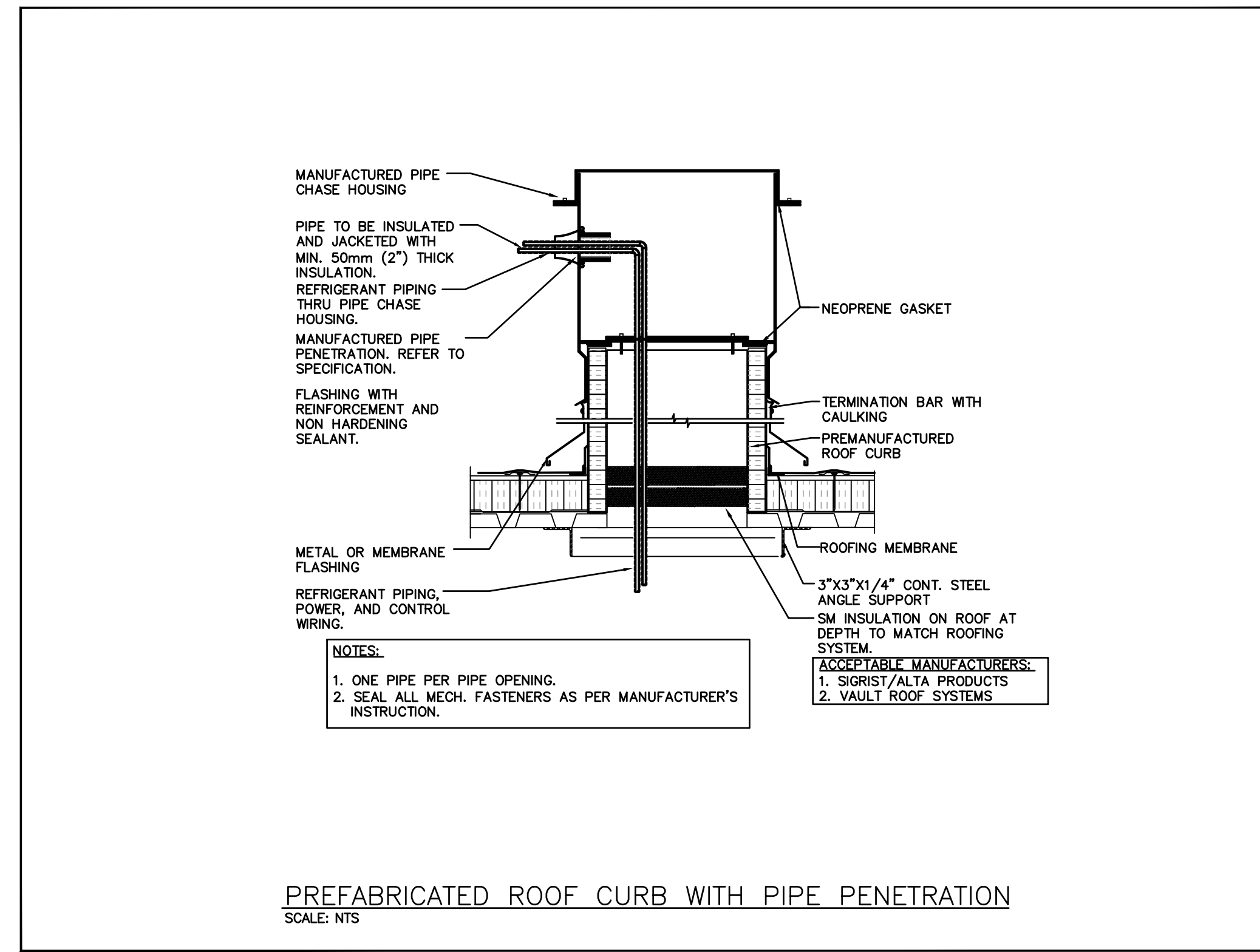
FRONT VIEW



PIPE HANGER ON BEAM

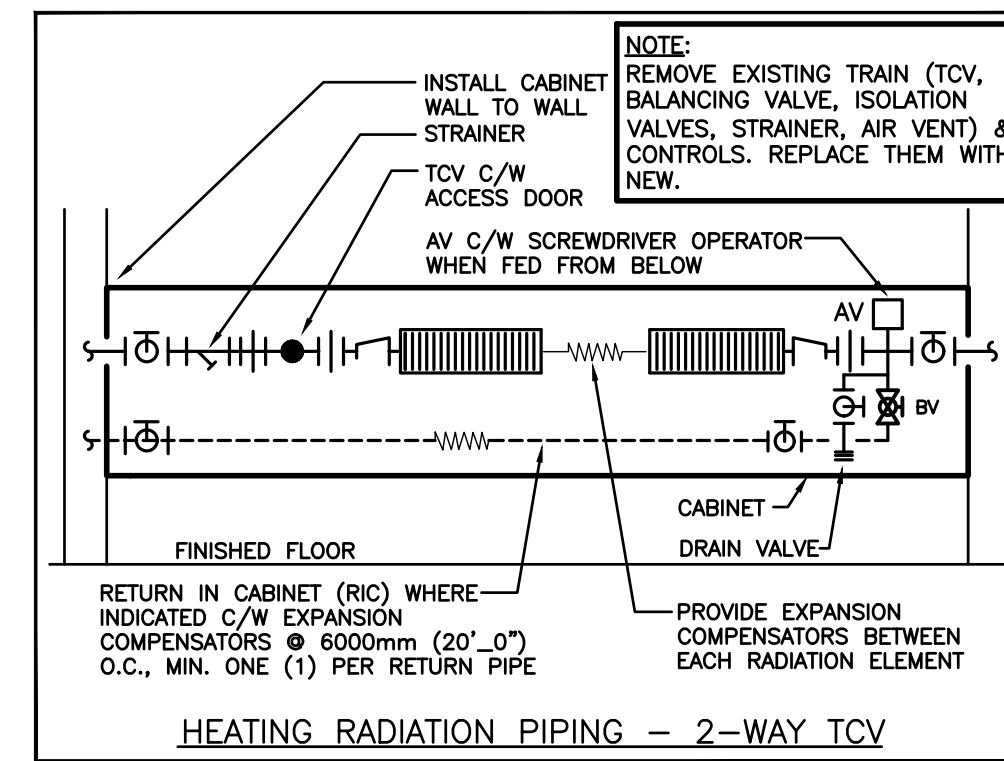


TYPICAL DIFFUSER

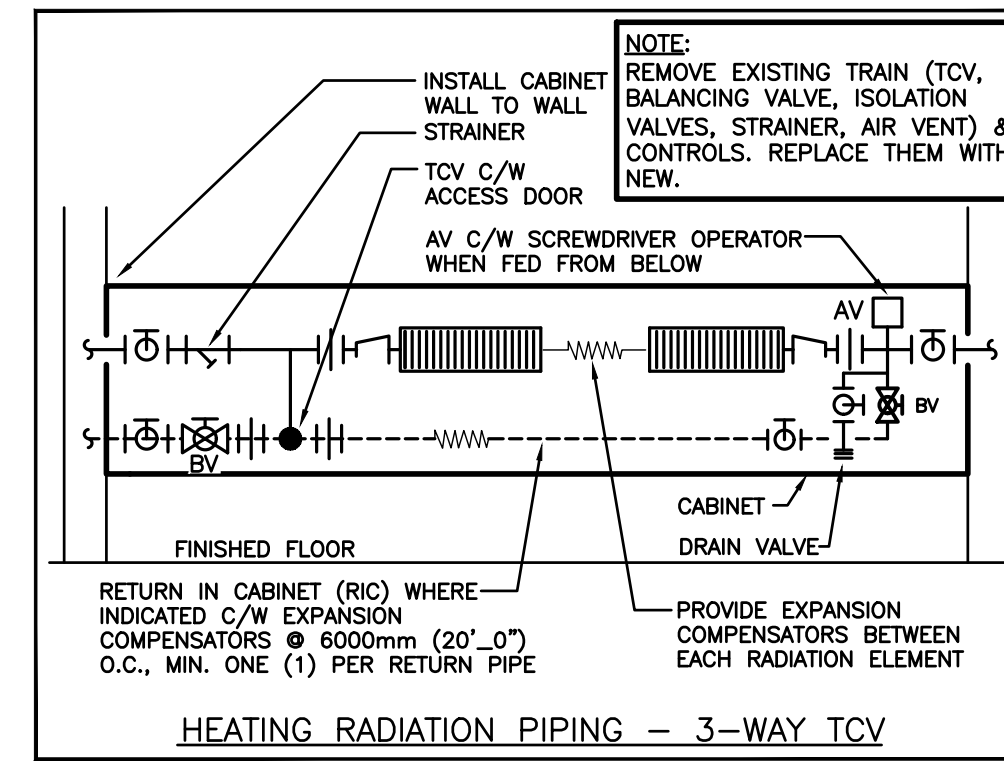


PREFABRICATED ROOF CURB WITH PIPE PENETRATION

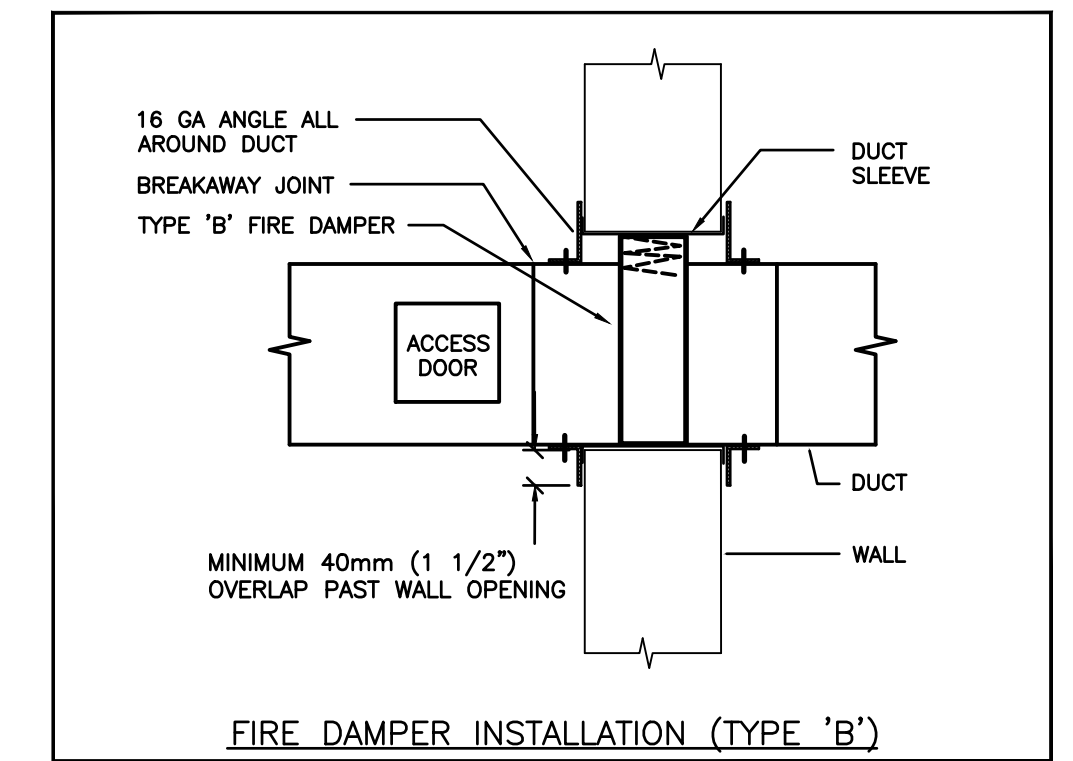
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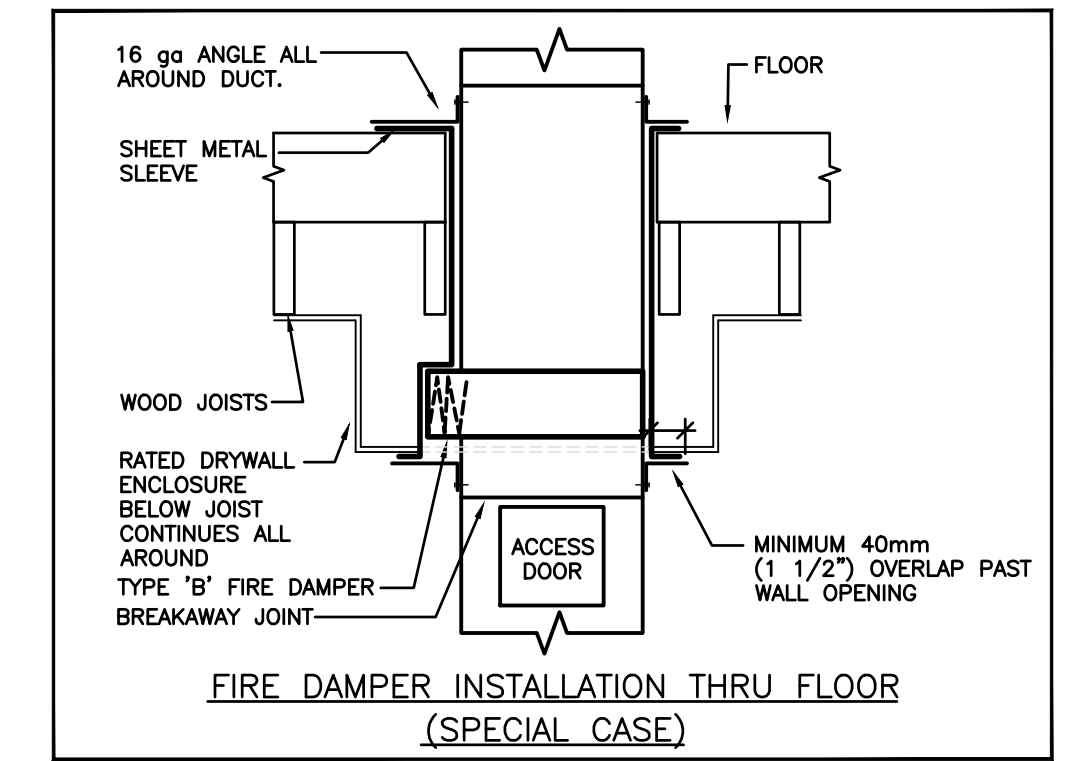
HEATING RADIATION PIPING - 2-WAY TCV



HEATING RADIATION PIPING - 3-WAY TCV



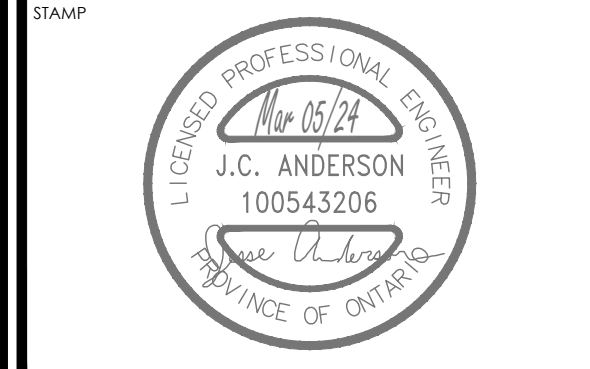
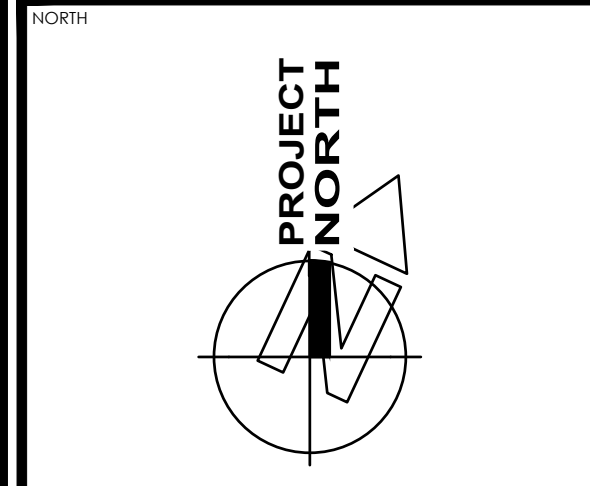
FIRE DAMPER INSTALLATION (TYPE 'B')



FIRE DAMPER INSTALLATION THRU FLOOR (SPECIAL CASE)

The contractor shall verify all dimensions and report all errors and discrepancies to the Consultant before commencement of the work. The drawings show general arrangement of services. Follow as closely as actual building construction will permit. Obtain approval for relocation of service from Consultant before commencement of the work. The drawings do not indicate all offsets fitting and accessories which may be required. Provide the same to meet the required conditions. Drawings and specifications, etc., prepared and issued by the Consultant are the property of the Consultant and must be returned at the completion of the project. These documents are not to be duplicated or copied without the consent of the Consultant. Do not scale this drawing.
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No.	REVISIONS	DATE



ISSUED FOR TENDER	2024.03.05
ISSUED FOR PERMIT	2024.02.23
CHRONOLOGY	DATE

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PROJECT NAME
**COURTLAND PUBLIC SCHOOL
MECH UPGRADES**
107 COURTLAND AVE. E., KITCHENER, ON, N2G 2T9

DRAWING TITLE
**MECHANICAL
DETAILS**

SCALE	DRAWING NUMBER
AS NOTED	
SHEET SIZE	
24x36	M4.1
PROJECT NUMBER	
22320	