

PARTIAL GROUND FLOOR PLAN - DRAINAGE & PIPING  
SCALE: 1:100

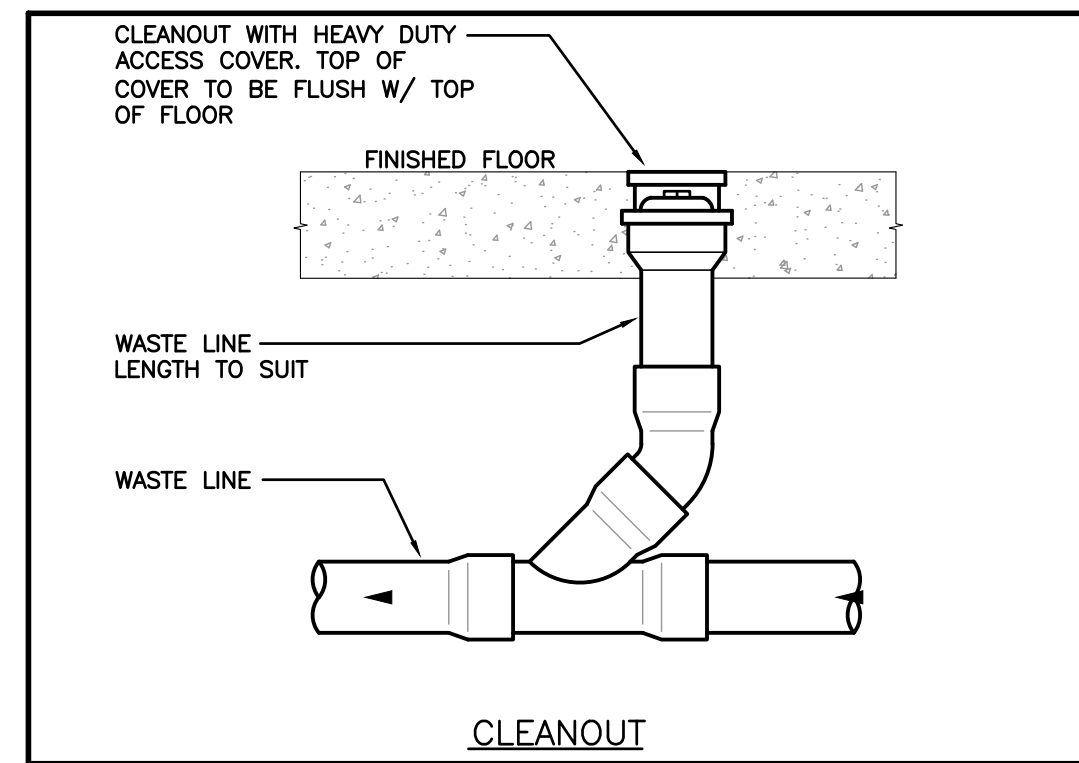
NOTE:  
PROVIDE AIR VENTS AT HIGH POINT  
OF SYSTEM AT CONNECTIONS TO  
UNIT VENTILATORS

GENERAL RENOVATION NOTES

- CLEAN AND VACUUM EXISTING DUCTWORK ADJACENT TO NEW CONNECTIONS ± 10'-0" IN EACH DIRECTION.
- CO-ORDINATE ANY OWSJ BRIDGING RELOCATION OR REMOVAL/REPLACEMENT WITH THE GENERAL CONTRACTOR. PAY ALL COSTS REQUIRED TO MODIFY BRIDGING FOR INSTALLATION OF DUCTWORK.
- SANITARY VENT PIPING IS NOT SHOWN. PROVIDE ALL NECESSARY VENT PIPING FROM ALL FIXTURES FOR A COMPLETE SYSTEM TO ALL LOCAL PLUMBING CODE & LOCAL AUTHORITY REQUIREMENTS, CONNECTED TO EXISTING VENTS OR NEW VENTS AS REQUIRED. CO-ORDINATE VENT LOCATION(S) WITH GENERAL CONTRACTOR. MAINTAIN MINIMUM 3700mm (12'-0") FROM ANY AIR INLET. INSTALL VENT PIPING HIGH IN JOIST SPACE.
- REFER TO ARCHITECTURAL CEILING PLANS FOR GRILLES/DIFFUSERS LOCATIONS. CO-ORDINATE FINAL LOCATION ON SITE.
- CO-ORDINATE ROUGH-IN AND MOUNTING HEIGHTS OF FIXTURES WITH MILLWORK AND ARCHITECTURAL DETAILS.

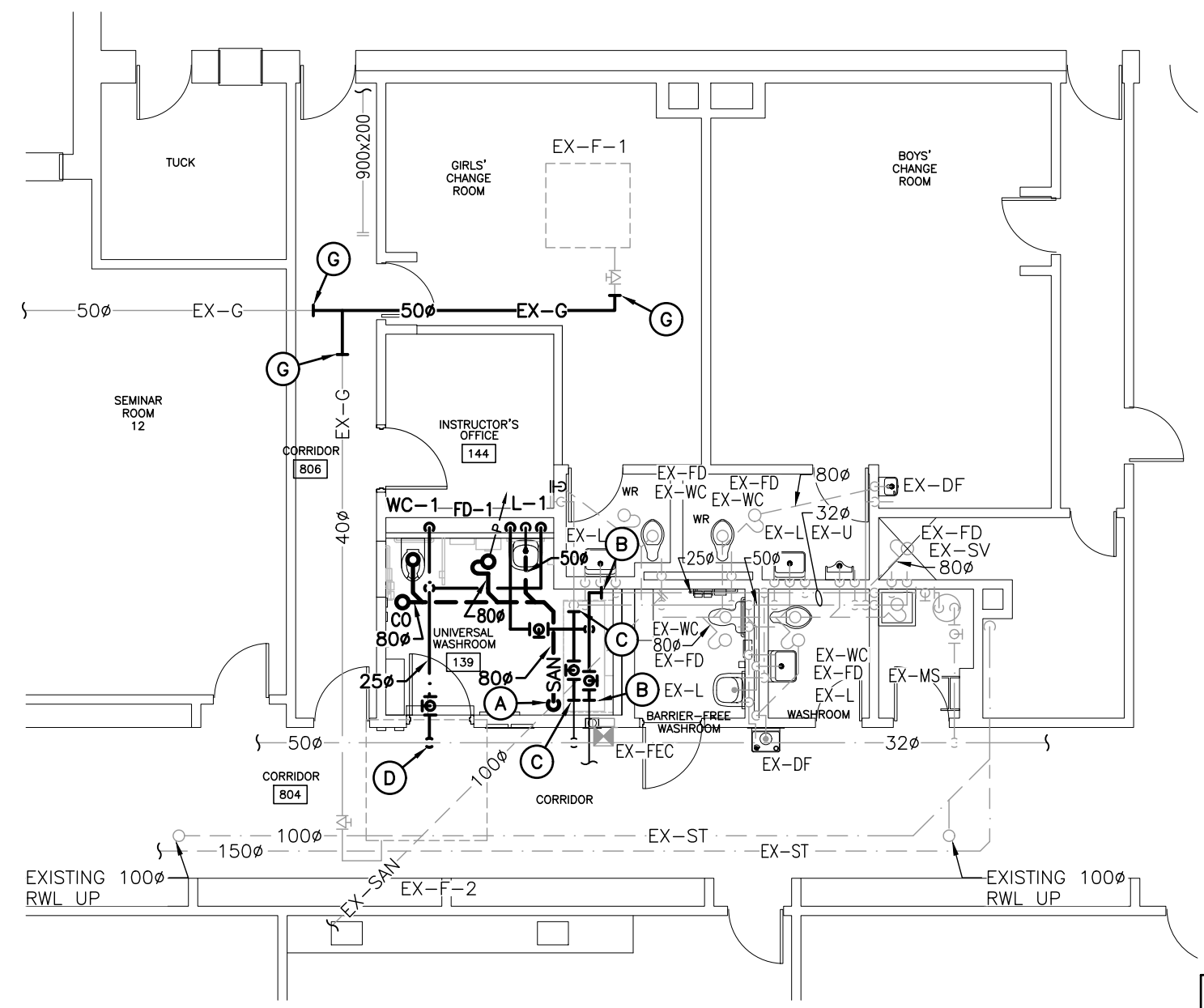
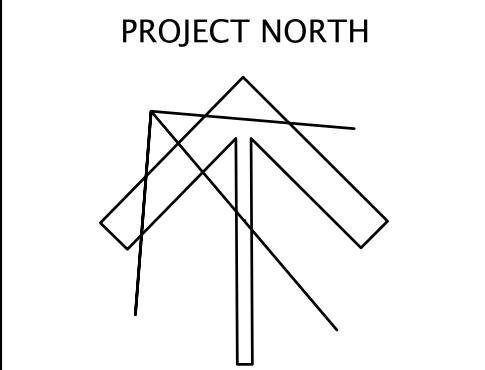
SPECIFIC RENOVATION NOTES

- A. CONNECT NEW 80# SANITARY PIPING TO EXISTING 100# SANITARY PIPING.
- B. CONNECT NEW 20# HW PIPING TO EXISTING 20# HW PIPING.
- C. CONNECT NEW 50# CW PIPING TO EXISTING 50# CW PIPING.
- D. CONNECT NEW 25# CW PIPING TO EXISTING 50# CW PIPING.
- E. CONNECT NEW 200x150 EXHAUST DUCT TO EXISTING 300x200 EXHAUST DUCT.
- F. CONNECT NEW 200x200 SUPPLY AIR DUCT TO EXISTING 750x300 SUPPLY AIR DUCT.
- G. CONNECT NEW GAS PIPING TO EXISTING GAS PIPING.
- H. NEW DDC THERMOSTAT & CO2 SENSOR. FISH EXISTING BLOCK WALL. NOTIFY CONSULTANT IF EXISTING WALL CANNOT BE FISHED. UPON APPROVAL, RUN WIRING IN PVC WIREMOLD (OR OWNER APPROVED MATERIAL) WHERE EXPOSED/SURFACE MOUNTED.



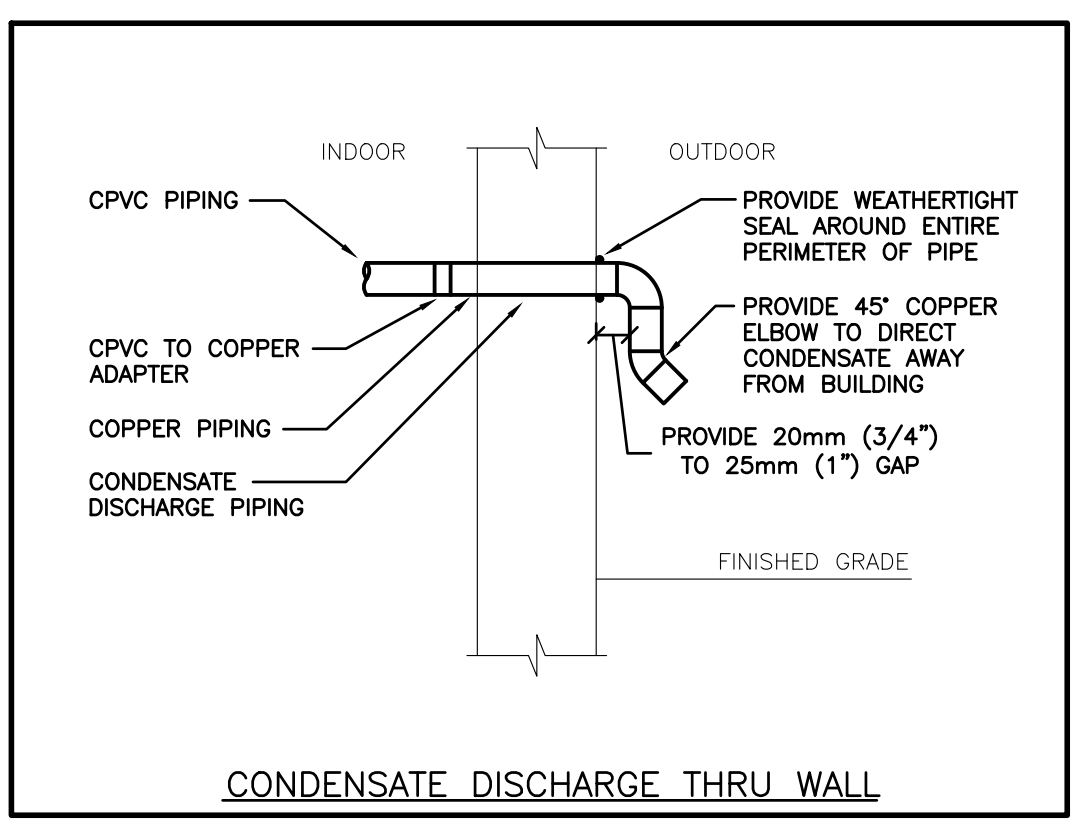
NO. DATE:	1 21.04.18	Issued for Owner Review
NO. DATE:	1 22.03.21	Issued for Tender

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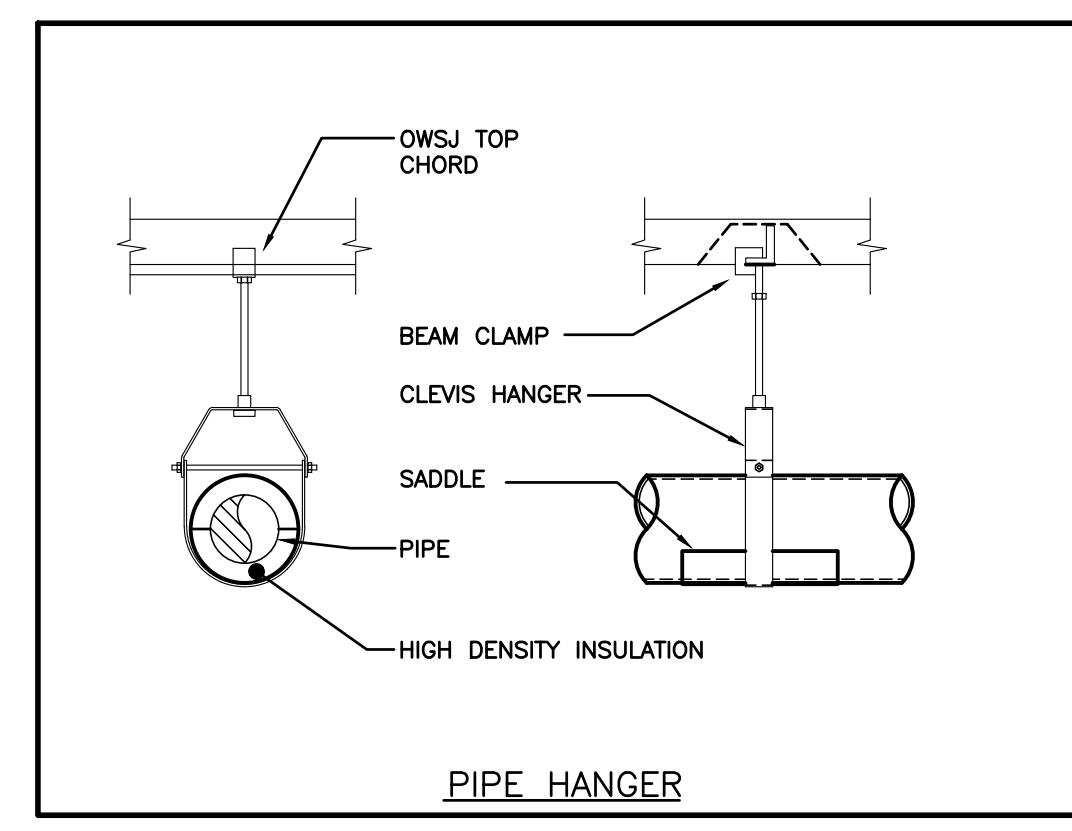


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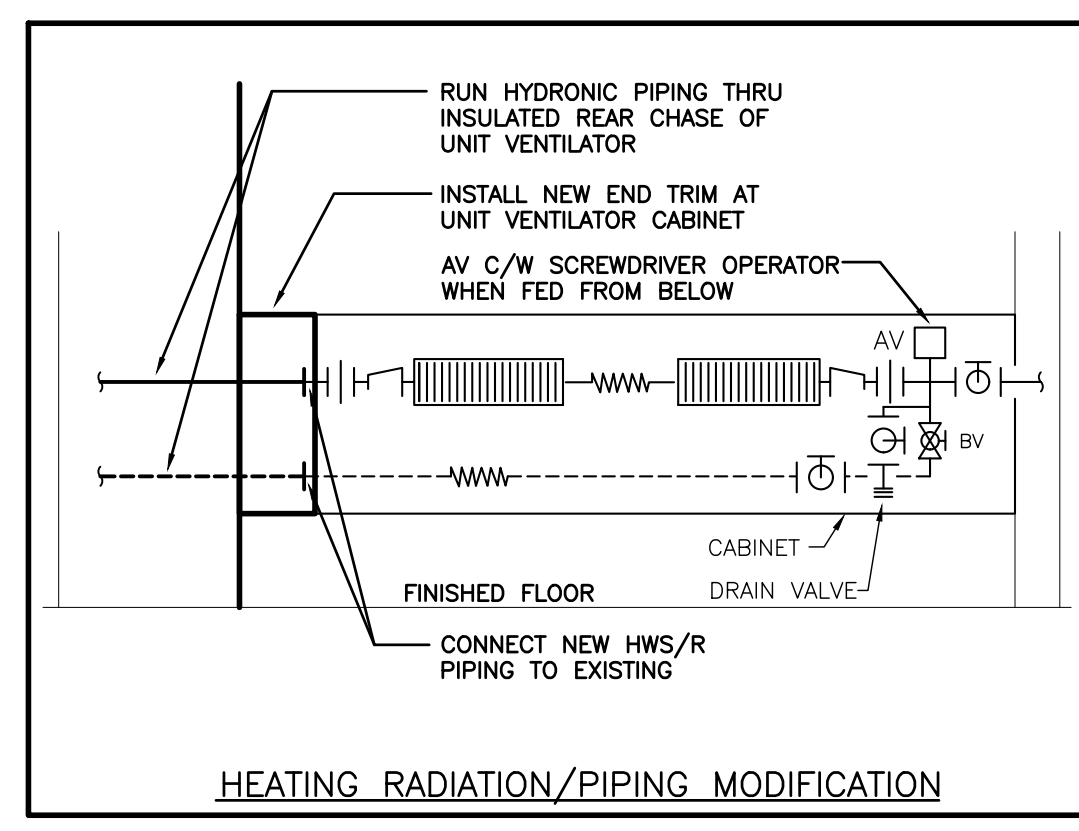
NOTE:  
PROVIDE ACCESS DOOR ADJACENT TO  
NEW LAVATORY TO ACCOMMODATE  
JUNCTION BOX AND MIXING VALVE  
CONTROL BOX. REFER TO  
ARCHITECTURAL DRAWINGS FOR DETAIL



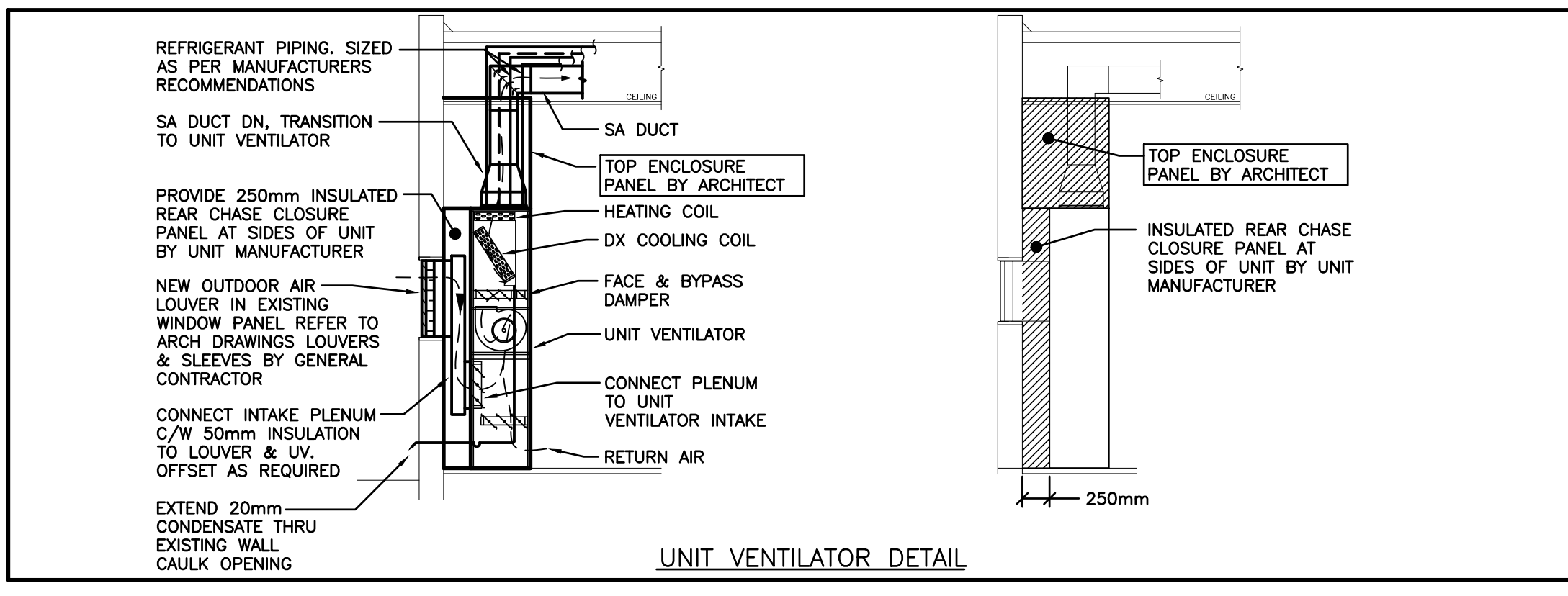
CONDENSATE DISCHARGE THRU WALL



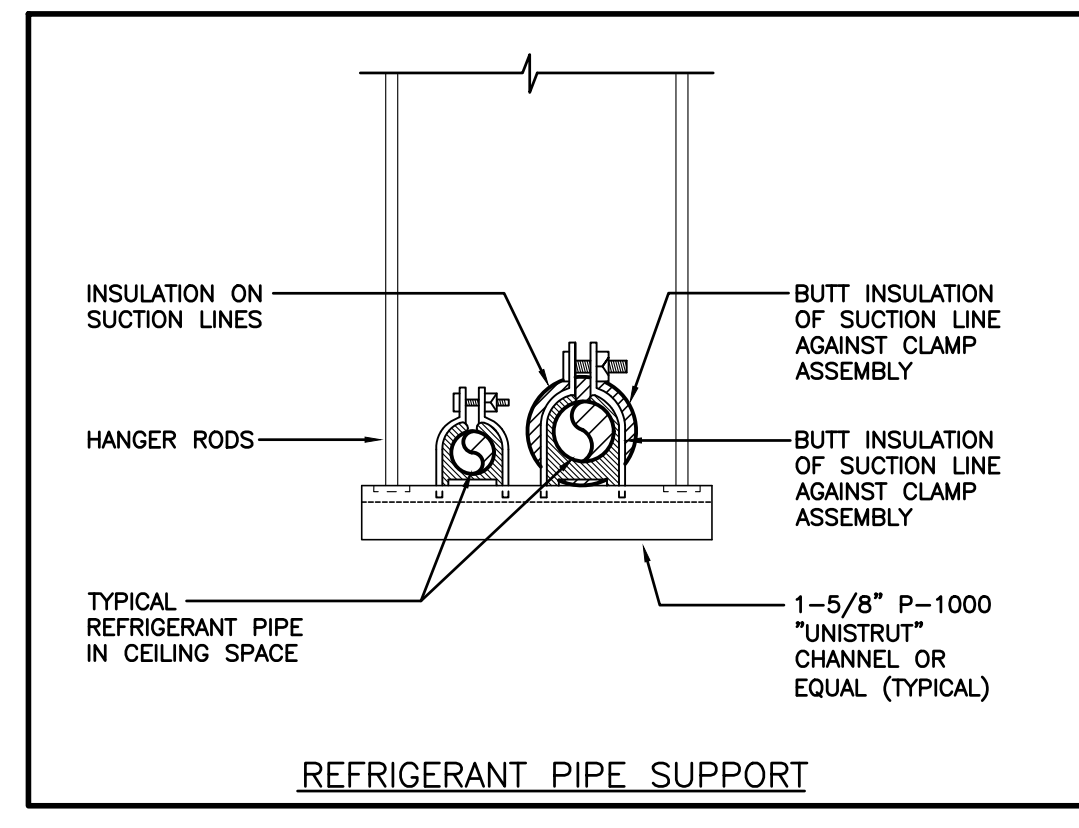
PIPE HANGER



HEATING RADIATION/PIPING MODIFICATION



UNIT VENTILATOR DETAIL



REFRIGERANT PIPE SUPPORT

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Project Number: 22046

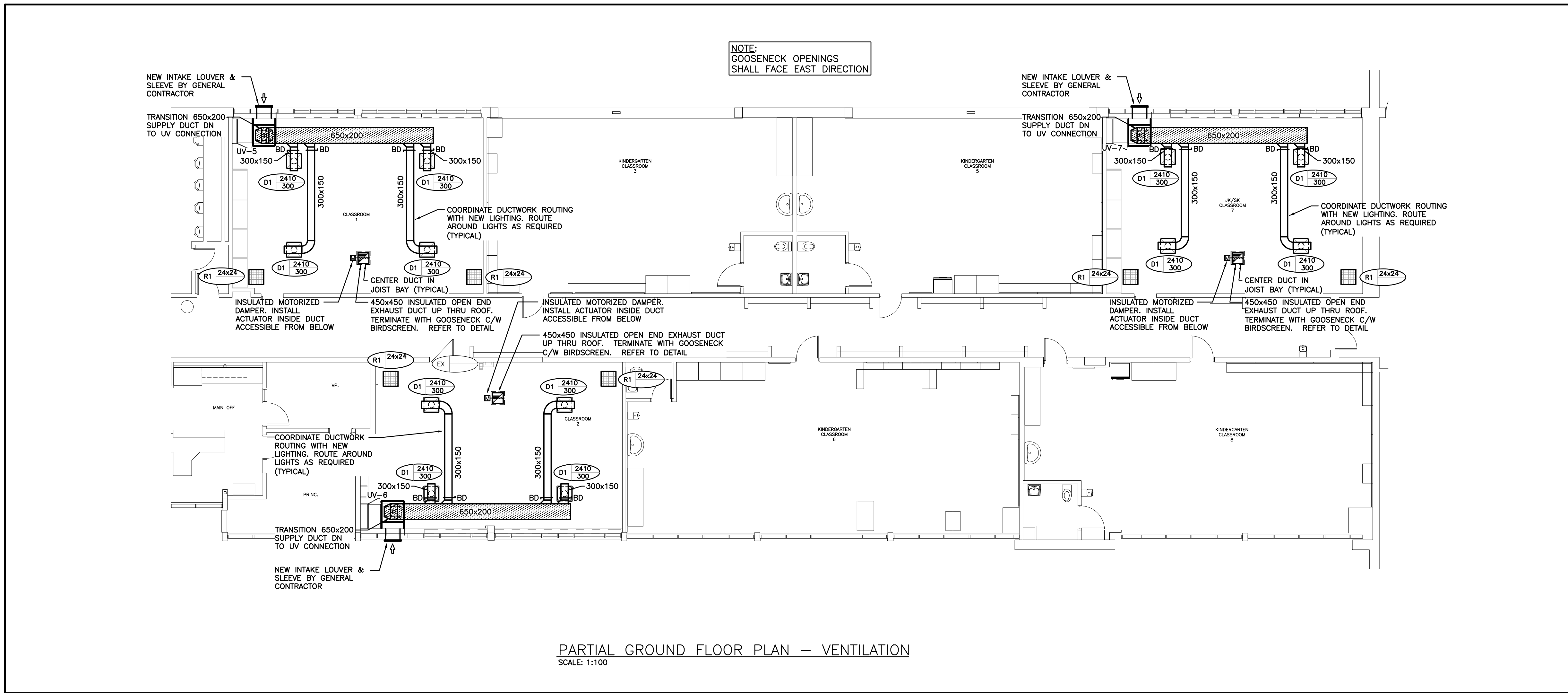
28 Jan 22  
M.B. WHITE  
100149074  
PROVINCE OF ONTARIO  
LICENSED PROFESSIONAL ENGINEER

WATERLOO REGION  
UNIVERSITY SCHOOL BOARD

CHALMERS ST. CAMBRIDGE  
- PS RENOVATIONS -  
35 Chalmers St. S  
Cambridge, ON  
N1R 5B4

DRAWING TITLE:  
**PARTIAL RENOVATION PLANS - DRAINAGE & PIPING AND DETAILS**

PROJECT NO:	A20002.6	SCALE:	AS NOTED
DRAWN:	MB	DRAWING NO.:	REV.
CHECKED:	SO		M2.2
DATE:	MAR 2021		



**GENERAL RENOVATION NOTES**

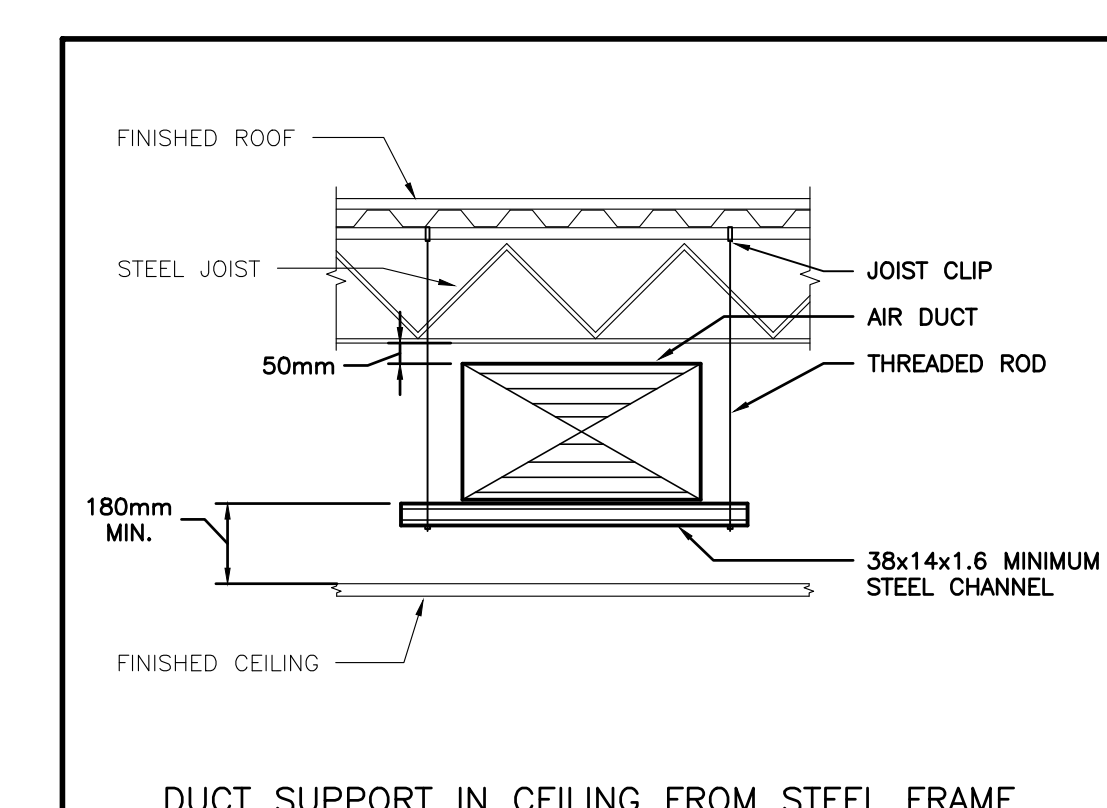
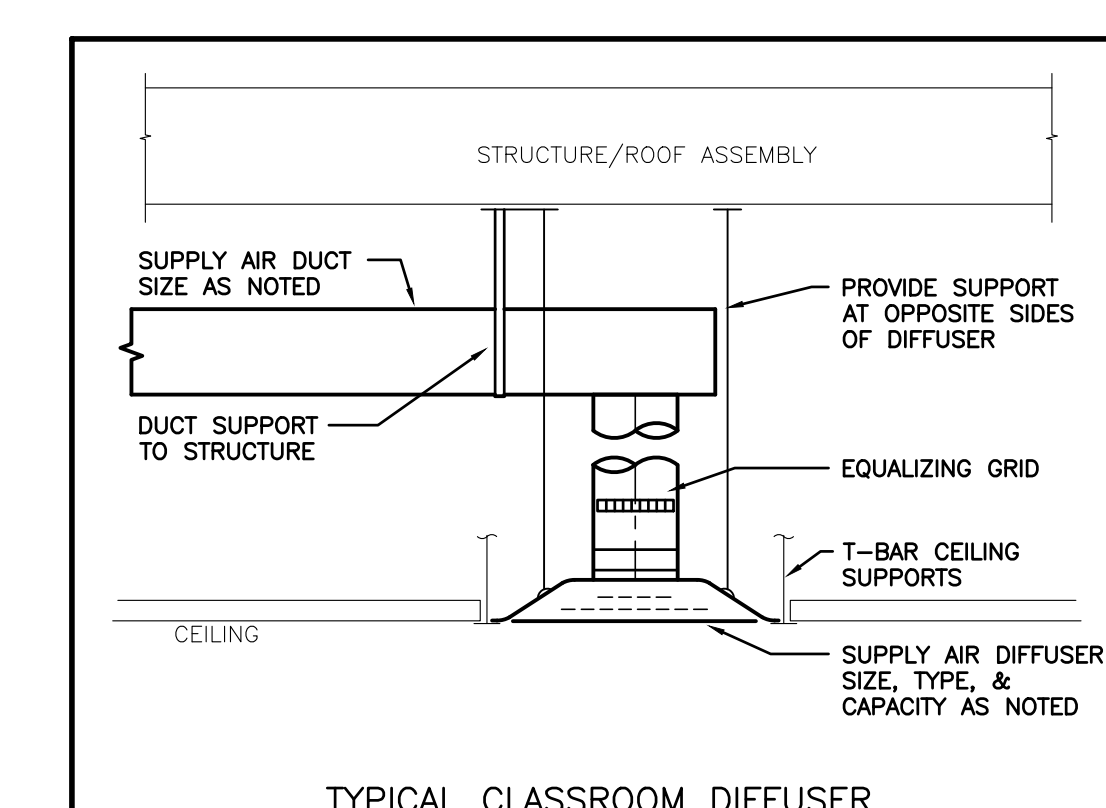
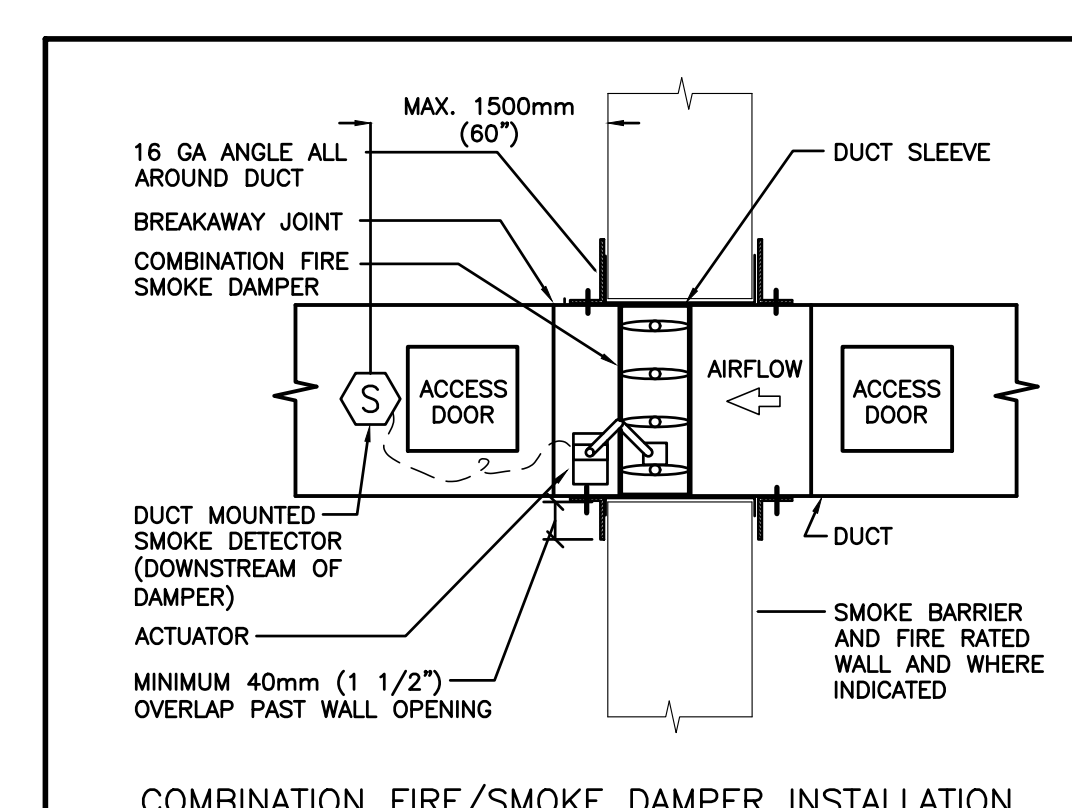
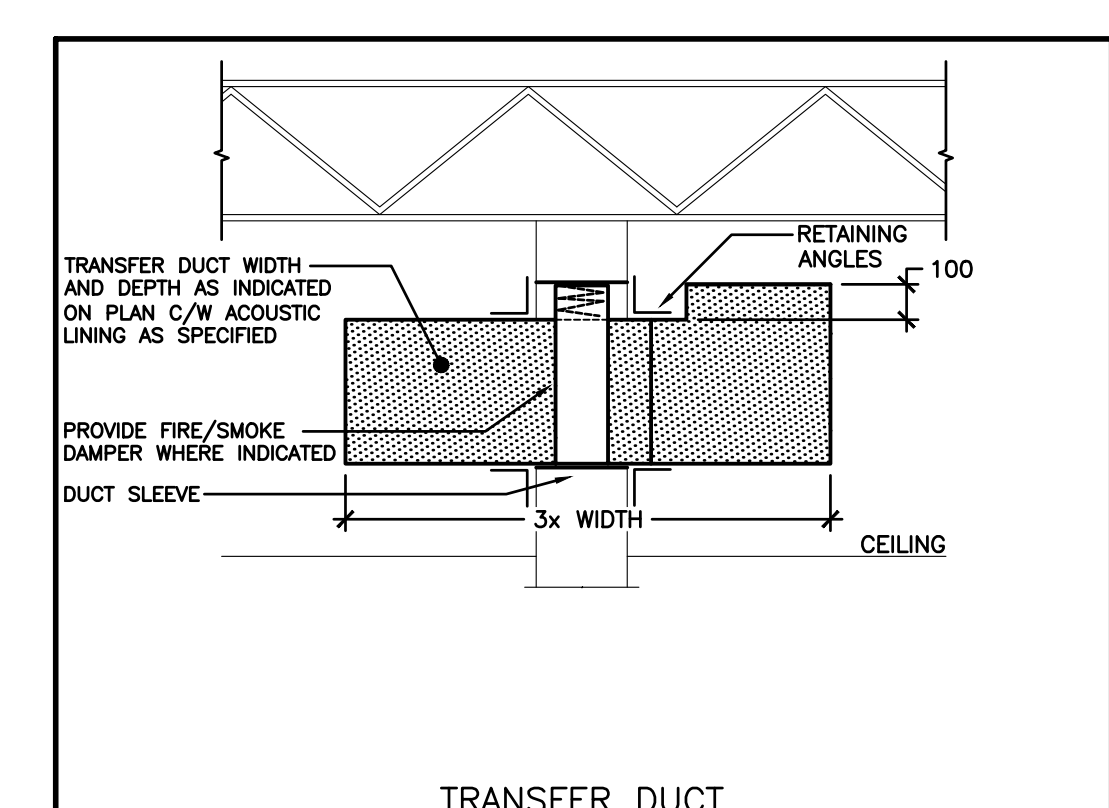
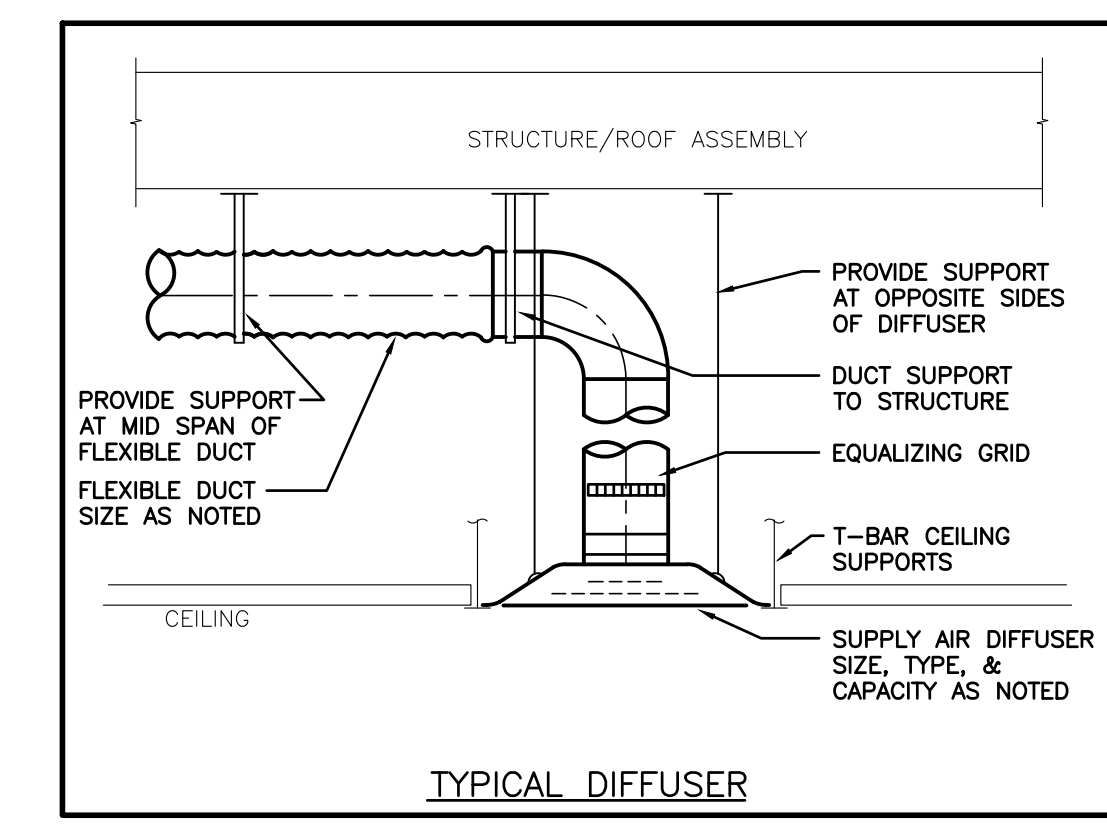
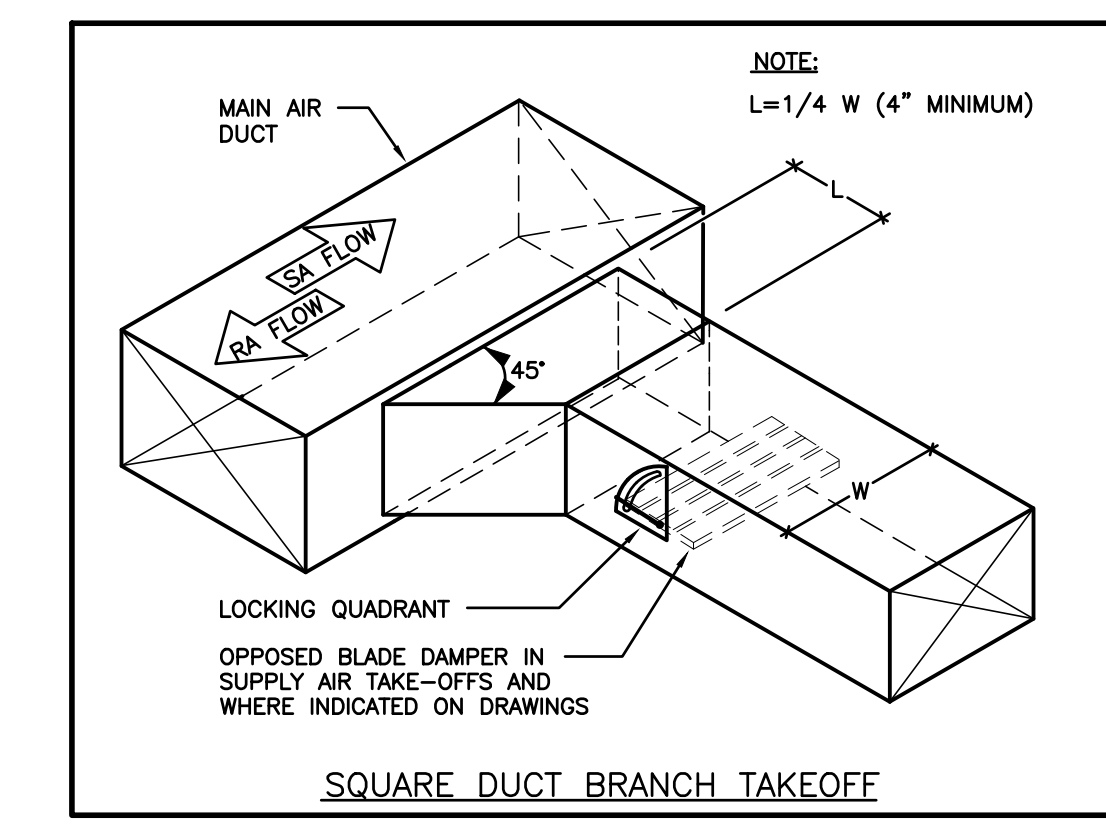
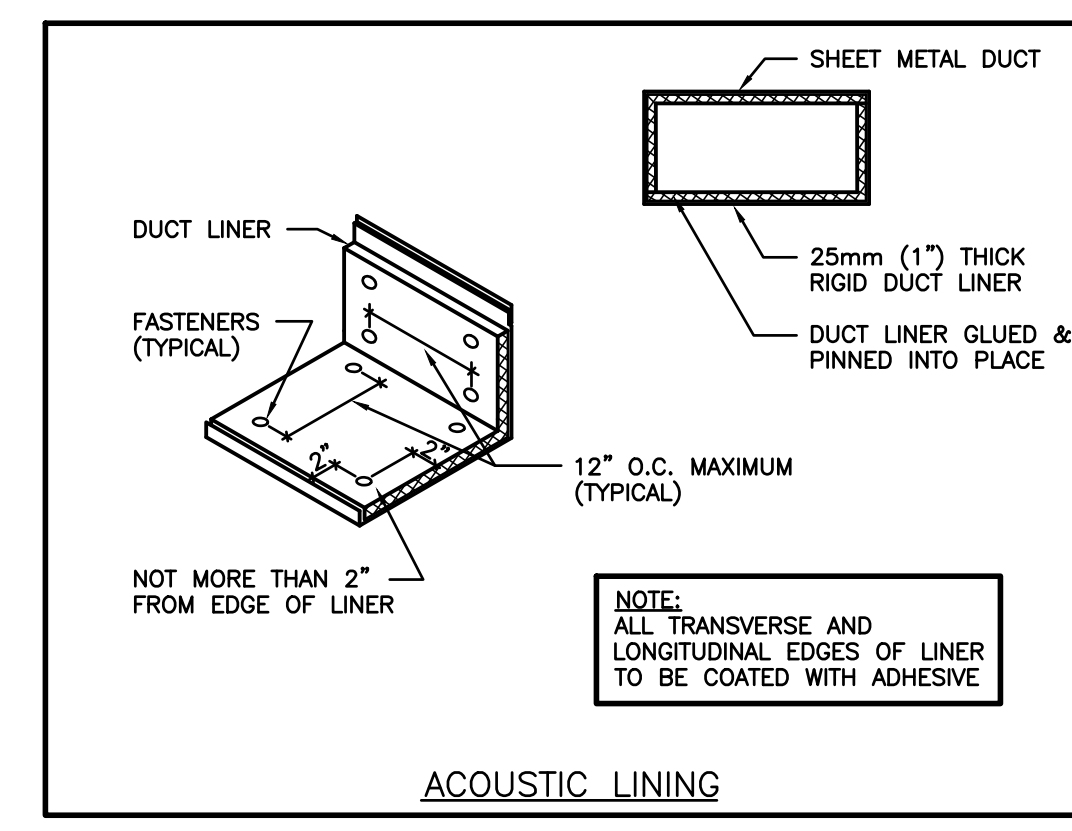
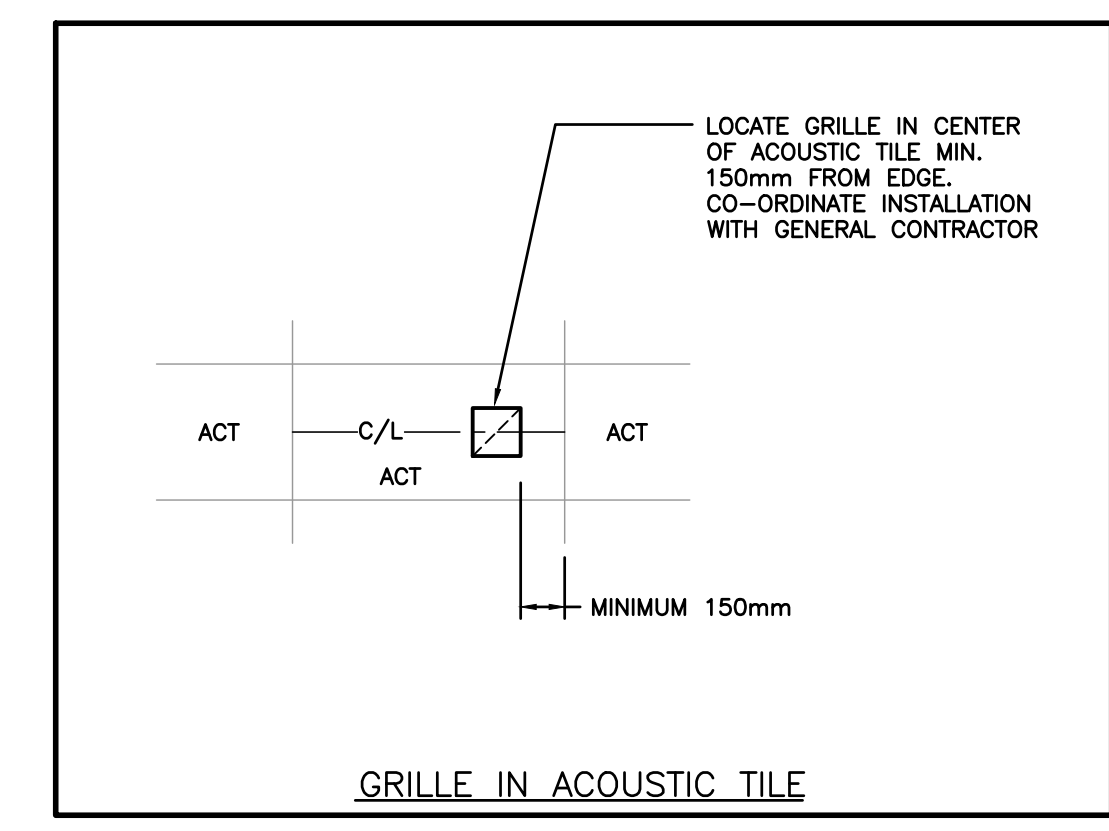
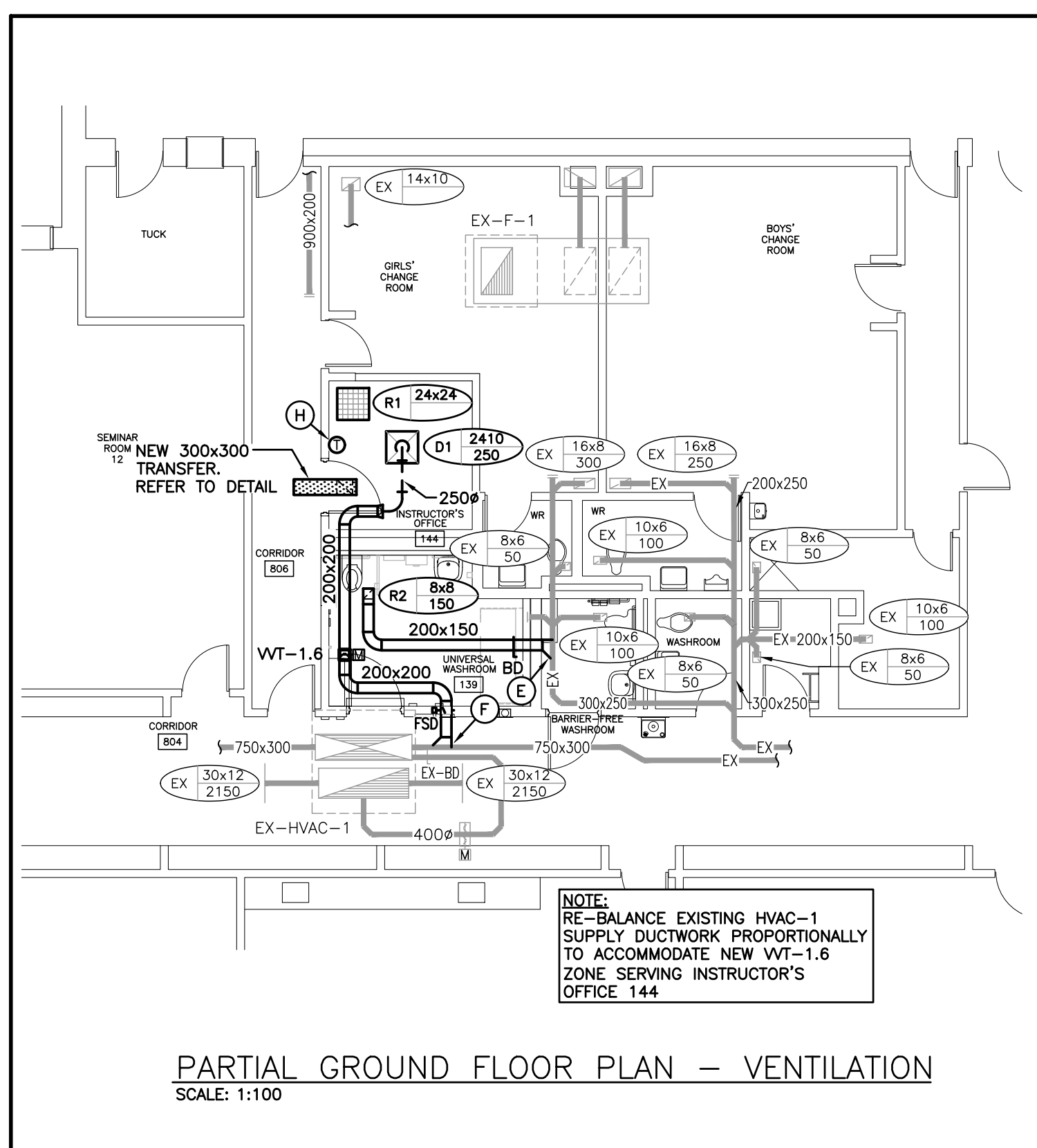
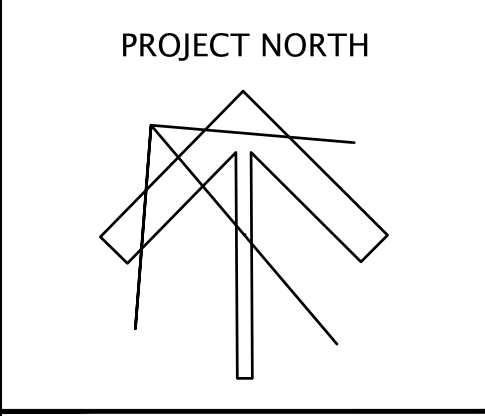
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Website: delassosates.ca  
Project Number: 25046

LICENCED PROFESSIONAL ENGINEER  
28 Jan 22  
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PROVINCE OF ONTARIO

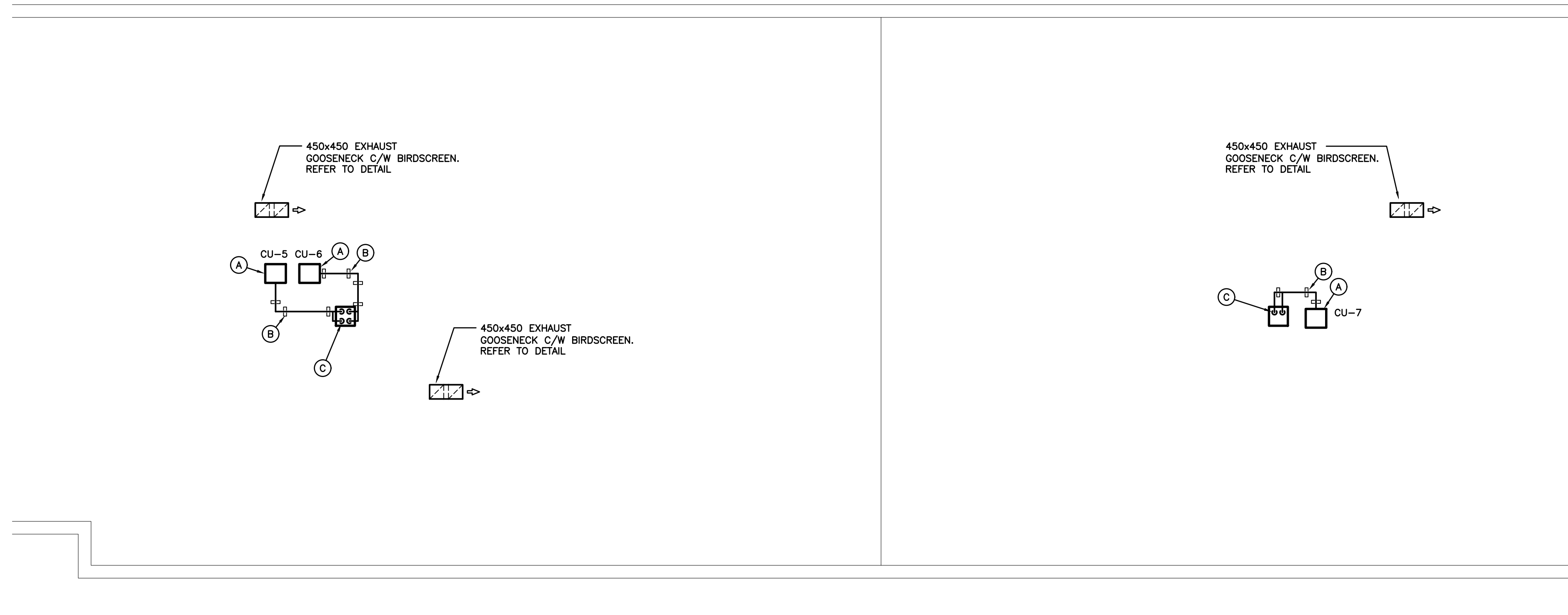
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UNIVERSITY SCHOOL BOARD

CHALMERS ST. CAMBRIDGE  
- PS RENOVATIONS -

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N1R 5B4

DRAWING TITLE:  
**PARTIAL RENOVATION PLANS - VENTILATION AND DETAILS**

PROJECT NO:	SCALE:
A20002.6	AS NOTED
DRAWN:	DRAWING NO.   REV.
MB	
CHECKED:	M2.3
SO	
DATE:	
MAR 2021	



PARTIAL ROOF PLAN  
SCALE: 1:100

NOTE:  
CO-ORDINATE INSTALLATION OF NEW DOGHOUSES, PIPING, & EQUIPMENT WITH EXISTING SERVICES. NOTIFY CONSULTANTS IMMEDIATELY IF INTERFERENCES ARE ENCOUNTERED

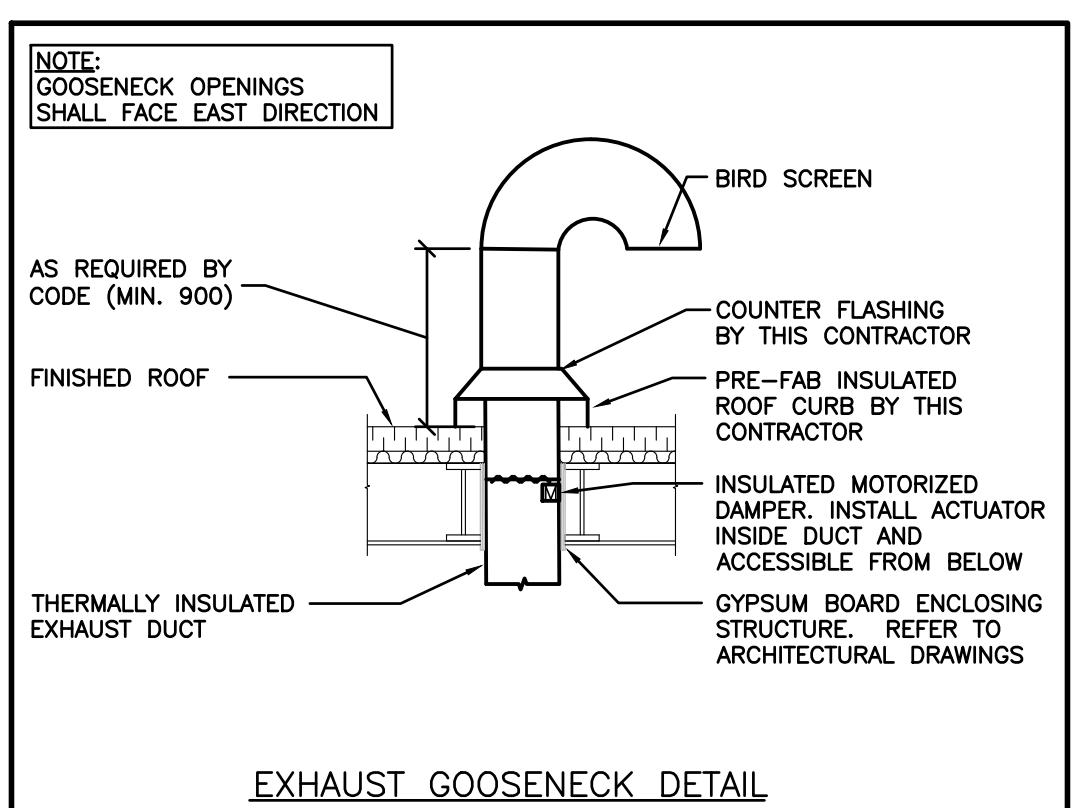
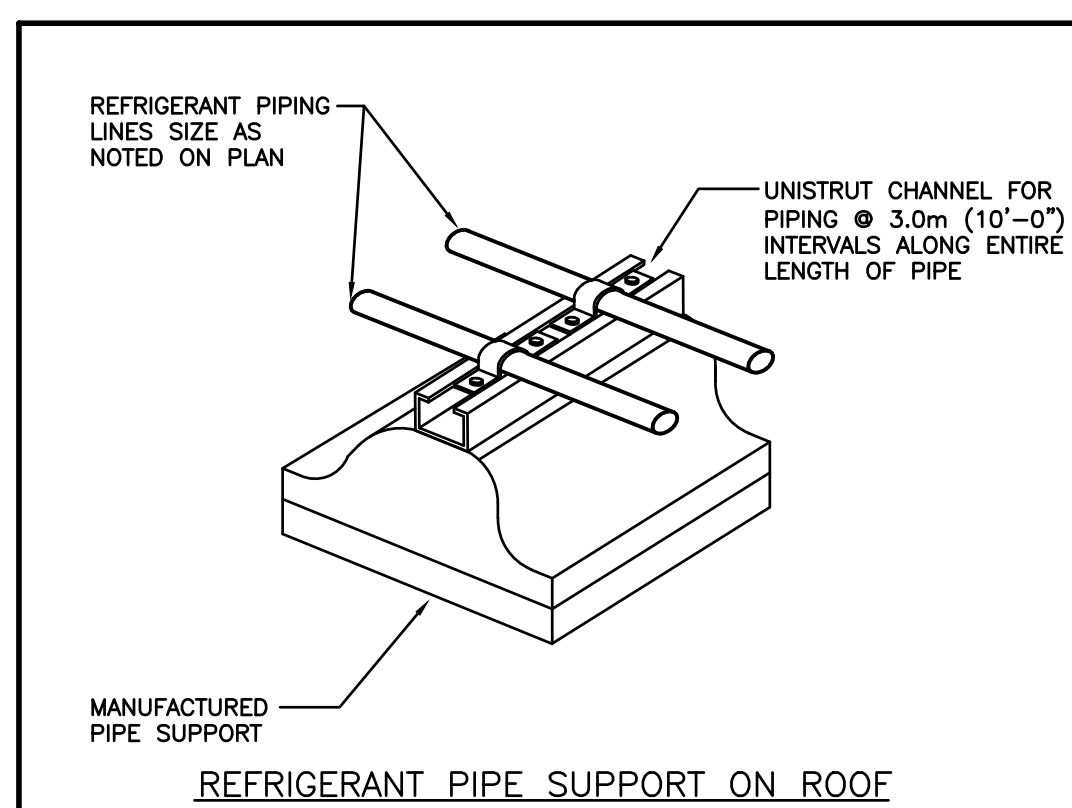
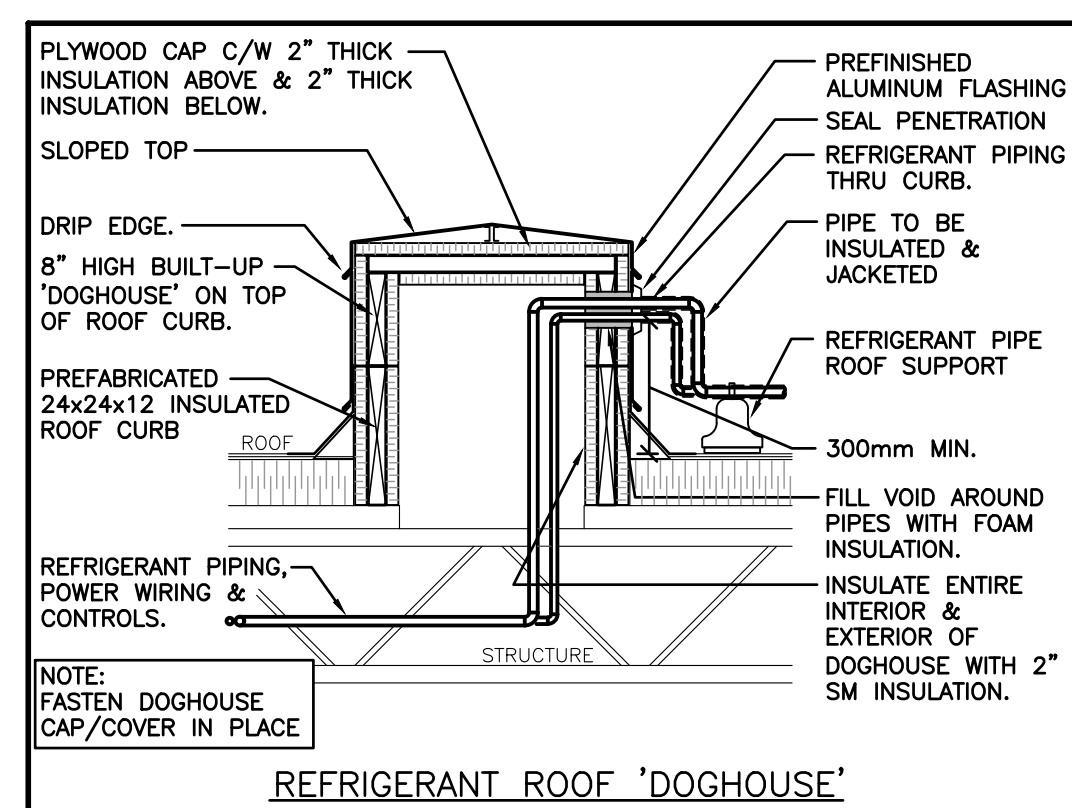
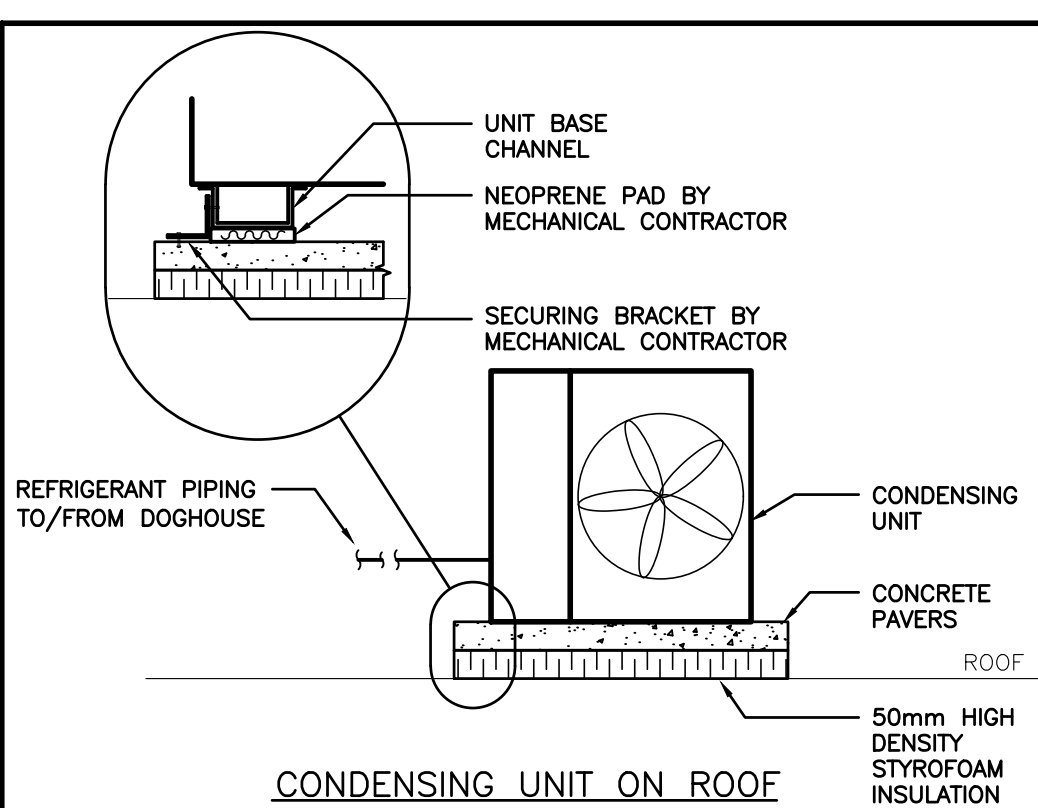
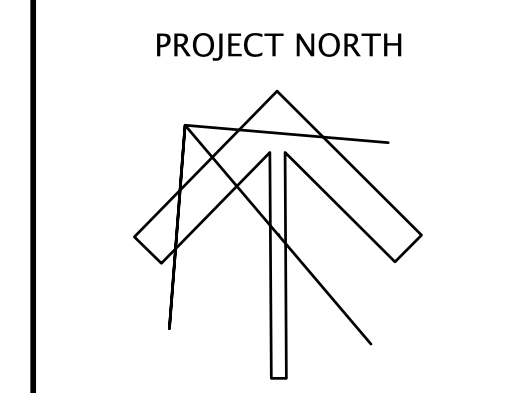
GENERAL NOTES

- MAINTAIN MINIMUM 3700mm (12'-0") LATERAL DISTANCE BETWEEN SANITARY VENTS AND ALL AIR INTAKE/EXHAUST OPENINGS.
- MAINTAIN MINIMUM 3000mm (10'-0") LATERAL DISTANCE BETWEEN PRV, FUEL FIRED APPLIANCE, AND/OR EXHAUST VENTS AND ALL AIR INTAKE/EXHAUST OPENINGS.
- ALL EQUIPMENT SHALL BE MINIMUM 3.0m FROM EDGE OF ROOF.

SPECIFIC NOTES

- A. NEW CONDENSING UNIT. REFER TO DETAIL.
- B. ZERO PENETRATION REFRIGERANT PIPE SUPPORT. REFER TO DETAIL.
- C. ROUTE NEW REFRIGERANT PIPING, CONTROL WIRING, AND ELECTRICAL POWER WIRING THRU NEW DOGHOUSE. REFER TO DETAIL.

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Project Number: 25046



**WATERLOO REGION DISTRICT SCHOOL BOARD**  
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DRAWING TITLE:  
**PARTIAL ROOF PLAN AND DETAILS**

PROJECT NO: A20002.6	SCALE: AS NOTED
DRAWN: MB	DRAWING NO.   REV. M3.1
CHECKED: SO	
DATE: MAR 2021	