



1 CRAWL SPACE - H.V.A.C.
M202 SCALE: 1:100

DRAWING NOTES - H.V.A.C.

- 1 MOUNT THERMAOSTAT/DEHUMIDISTAT ON COLUMN WITHIN CRAWLSPACE.
- 2 FRESH AIR INLET FROM PROGRAM ROOM STORAGE (ABOVE) INTO CRAWLSPACE. PROVIDE 300mm DEEP COLD AIR TRAP. COORDINATE EXACT LOCATION ON SITE. REFER TO MAIN FLOOR PLAN FOR CONTINUATION.
- 3 INSULATED EXHAUST AIR DUCT TO MECHANICAL ROOM (ABOVE). CONFIRM EXACT LOCATION ON SITE. REFER TO MAIN FLOOR PLAN FOR CONTINUATION.
- 4 ELECTRIC UNIT HEATER C/W BUILT-IN THERMOSTAT SUPPLIED AND INSTALLED BY ELECTRICAL.
- 5 PROVIDE TRANSFER AIR OPENING C/W FIRE DAMPER WITHIN PARTITION WALL. COORDINATE EXACT LOCATION OF WALLS ON SITE AND WITH ARCHITECTURAL DRAWINGS.

GENERAL NOTES - H.V.A.C.

1. CONTRACTOR SHALL BE FAMILIAR WITH, REFER TO, AND COMPLY WITH ALL LOCAL CODES. ALL MECHANICAL WORK SHALL COMPLY IN EVERY RESPECT WITH THE LATEST EDITIONS OF THE NATIONAL AND PROVINCIAL BUILDING CODES, NFPA, ASHRAE, SMACNA, AND ANY ADDITIONAL REQUIREMENTS OF THE LOCAL AUTHORITY HAVING JURISDICTION.
2. DRAWINGS ARE DIAGRAMMATIC ONLY AND SHALL NOT BE SCALED. THEY ESTABLISH DESIGN INTENT AND ARE NOT INTENDED TO BE DETAILED INSTALLATION DOCUMENTS. MECHANICAL SUBCONTRACTOR SHALL ALLOW IN THEIR CONTRACT PRICE ALL COMPONENTS REQUIRED TO PROVIDE A COMPLETE AND FUNCTIONAL MECHANICAL INSTALLATION.
3. ANY OMISSIONS OR DISCREPANCIES IN THE DRAWINGS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACT ADMINISTRATOR IN ACCORDANCE WITH B3 ENQUIRIES.
4. INSPECT JOB SITE PRIOR TO COMMENCEMENT OF WORK AND MAKE APPROPRIATE PROVISIONS FOR ALL SITE CONDITIONS. EXACT PLACEMENT OF MECHANICAL EQUIPMENT AND SIZING/ROUTING OF MECHANICAL SYSTEMS SHALL BE SITE CONFIRMED AND COORDINATED WITH AVAILABLE ARCHITECTURAL, ELECTRICAL AND STRUCTURAL DRAWINGS AND TRADES. REROUTE/RESIZE DUCT WORK AND RELOCATE EQUIPMENT AND COMPONENTS AS REQUIRED.
5. CAREFULLY EXAMINE ALL DRAWINGS OF OTHER TRADES. COORDINATE THE ELECTRICAL REQUIREMENTS OF ALL MECHANICAL EQUIPMENT WITH THE ELECTRICAL SUBCONTRACTOR. TYPE B OR C DYNAMIC FIRE DAMPERS SHALL BE INSTALLED AT ALL PENETRATIONS OF WALLS OR FLOORS DENOTED TO BE FIRE SEPARATIONS ON THE ARCHITECTURAL DRAWINGS.
6. INSTALL EQUIPMENT AND RELATED ACCESSORIES OR COMPONENTS AS PER MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS.
7. ACCESS DOORS SHALL BE PROVIDED AS REQUIRED TO SERVICE DAMPERS AND MECHANICAL EQUIPMENT.
8. PLENUMS CONTAINING ELECTRICAL OR CONTROL WIRING HAVING A FLAME SPREAD RATING ABOVE 25 OR A SMOKE DEVELOPED RATING ABOVE 50 WHEN TESTED IN ACCORDANCE WITH ASTM E84 (UL 723) SHALL NOT BE USED TO CONVEY AIR.
9. ALL DUCT WORK AND EQUIPMENT SHALL BE INSULATED TO THE REQUIREMENTS OF THE LATEST EDITION OF ASHRAE 90.1 AND TO

THE REQUIREMENTS OF THE MANITOBA ENERGY CODE FOR BUILDINGS. ALL DUCT WORK WITHIN 10' (3M) OF THERMAL ENVELOPE PENETRATION AND ALL DUCT WORK CONTAINING OUTSIDE AIR SHALL BE THERMALLY INSULATED.

10. ALL SIZES OF DUCTWORK INDICATED ON THE DRAWINGS DENOTE THE INTERNAL OPEN DUCT DIMENSIONS. ALLOWANCES SHALL BE MADE FOR ANY INTERNAL INSULATION INDICATED ON THE DRAWINGS OR REQUIRED IN THE SPECIFICATIONS.

11. ALL CUTTING AND/OR PATCHING OF ROOFS, FLOORS, AND EXTERIOR WALLS SHALL BE BY THE CONTRACTOR UNLESS SPECIFICALLY INDICATED OTHERWISE.

H.V.A.C. LEGEND	
	SUPPLY DUCT RISE / DROP
	EXHAUST DUCT RISE / DROP
	H.V.A.C. CONTROL
	HUMIDISTAT
	DRAWING NOTE
	EQUIPMENT TAG

No.	DATE	REVISION / ISSUANCE
1	2017.02.21	ISSUED FOR CONSTRUCTION



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