



FLOOR PLAN – LEVEL 2 HVAC NEW

SCALE : 1:125  
0m 1 2 3 4 5 6 7 8 9 10m

1  
M-703/M-703

HVAC NOTES:

1. PROVIDE ALL CUTTING, PATCHING, ETC. AS REQUIRED TO REMOVE/INSTALL ALL EQUIPMENT AS SHOWN. REFER TO ARCHITECTURAL DWGS FOR ALL CONSTRUCTIONS. COORDINATE THE SAME WITH GENERAL CONTRACTOR.
2. SUPPORT ALL DUCTWORK INDEPENDENTLY USING STEEL HANGER RODS. PROVIDE ADDITIONAL BRACING AS REQUIRED TO SUPPORT DUCTWORK. COORDINATE THE SAME WITH GENERAL CONTRACTOR.
3. INSULATE ALL F/A INTAKE & ALL DUCTWORK WITHIN 1500mm OF EXTERIOR OF BUILDING (INCLUDING PLENUMS) WITH INSULATION. INSULATION THICKNESS SHALL BE AS PER THE MECHANICAL SPECIFICATION.
4. ALL DUCT SIZES INDICATE CLEAR INSIDE DIMENSIONS OF SHEET METAL OR FLEXIBLE DUCTWORK.
5. FLASH & SEAL ALL ROOF & WALL OPENINGS TO PROVIDE WEATHER TIGHT CONSTRUCTIONS. COORDINATE THE SAME WITH GENERAL CONTRACTOR.
6. FABRICATE DUCTWORK IN STRICT ACCORDANCE WITH THE LATEST EDITIONS OF SMACNA & ASHRAE. DUCTWORK GAUGE & REINFORCING REQUIREMENTS SHALL BE IN STRICT ACCORDANCE WITH THE SAME.
7. PROVIDE 13mm ACOUSTIC INSULATION ON SUPPLY & RETURN DUCTWORK AT UNIT AS SHOWN.
8. AIR BALANCE ALL SYSTEMS TO AIR FLOWS SHOWN ON DWGS.
9. COORDINATE LOCATION OF DIFFUSERS, REGISTERS & GRILLES WITH LIGHTING IN THE FIELD.
10. PROVIDE VIBRATION ISOLATION ON ALL MECHANICAL EQUIPMENT PER MANUFACTURERS' RECOMMENDATIONS.
11. ALL DIMENSIONS IN MILLIMETERS (mm) UNLESS NOTED OTHERWISE. FOR CONVERSION PURPOSES USE 25mm EQUALS 1 INCH FOR ALL DIFFUSER, REGISTER, DUCTWORK, ETC. SHOWN.
12. MAINTAIN INTEGRITY OF THERMAL/VAPOUR & FIRE SEPARATIONS AT PENETRATIONS THRU THE SAME PER STANDARD PRACTICES & TO CODE REQUIREMENTS. REFER TO ARCHITECTURAL DWGS FOR FIRE RATINGS OF ALL CONSTRUCTIONS.
13. PROVIDE STRUCTURAL SUPPORT OVER WIDE DUCTWORK & EQUIPMENT PENETRATIONS THRU WALLS & ROOF AS REQUIRED. REFER TO ARCHITECTURAL DWGS FOR ALL CONSTRUCTIONS.
14. ENSURE ALL MECHANICAL SYSTEMS ARE LEFT FULLY OPERATIONAL FOR PURPOSE INTENDED UPON COMPLETION OF WORK. ENSURE ALL PLUMBING CONNECTIONS ARE MADE TO ALL MECHANICAL EQUIPMENT REQUIRING PLUMBING SERVICES. COORDINATE THE SAME WITH MANUFACTURERS' PUBLISHED LITERATURE & OTHER TRADES.
15. PROVIDE DISCONNECTS FOR ALL MECHANICAL EQUIPMENT SIZED TO SUIT & TO CODE REQUIREMENTS. COORDINATE CONNECTIONS WITH ELECTRICAL.
16. ENSURE CLEARANCES AROUND ALL MECHANICAL EQUIPMENT TO MANUFACTURERS' PUBLISHED LITERATURE.
17. COORDINATE THE INSTALLATION OF ALL MECHANICAL EQUIPMENT WITH OTHER TRADES & EQUIPMENT SUPPLIERS.
18. MAKE ANY ADJUSTMENTS, TRANSITIONS, OFFSETS AROUND OBSTACLES, ETC. OF DUCTWORK AS REQUIRED TO COMPLETE THE WORK AT NO ADDITIONAL COST TO THE CONTRACT. FABRICATE DUCTWORK ON SITE TO FACILITATE THE SAME.
19. ALL ROUND DUCTWORK TO BE SPIRAL WOUND TYPE.
20. PAINT ALL EXPOSED DUCTWORK/AUXILIARIES PER ARCHITECTURAL REQUIREMENTS. COORDINATE SAME WITH GENERAL CONTRACTOR.
21. FOR CONTROL/WIRING DIAGRAMS SEE CONTROL DWGS.

prime consultant:

ARCHITECTURE 49

sub consultant:



GENERAL NOTES:

1. CONTRACTOR TO VERIFY ALL DIMENSIONS & EXISTING CONDITIONS ON SITE. ANY DISCREPANCIES OR UNSATISFACTORY CONDITIONS TO BE REPORTED TO THE OWNER'S REPRESENTATIVE BEFORE PROCEEDING WITH THE WORK.
2. COORDINATE ALL MECHANICAL WORK INCLUDING REMOVAL OF EXISTING MECHANICAL EQUIPMENT ON SITE WITH THE GENERAL CONTRACTOR, OTHER TRADES AND THE OWNER'S REPRESENTATIVE.
3. INFORMATION PERTAINING TO EXISTING MECHANICAL EQUIPMENT SHOWN ON THE DRAWINGS IS BASED ON AS-BUILT INFORMATION PROVIDED BY THE OWNER. THESE DRAWINGS MAY NOT FULLY OR ACCURATELY REFLECT THE EXISTING CONDITIONS. EQUIPMENT AND SERVICES MAY NOT BE IN THE EXACT LOCATION SHOWN. CONFIRM ALL EXISTING CONDITIONS IN FIELD. REFER TO ARCHITECTURAL DRAWINGS FOR EXTENT OF ARCHITECTURAL WORK.
4. WHERE MECHANICAL SERVICES (PIPING, DUCT, ELECTRICAL AND CONTROLS) ARE CALLED UP TO BE REMOVED COMPLETE, ALL REDUNDANT SERVICES TO BE CAPPED CONCEALED IN CEILING, WALLS OR BELOW FLOOR. CAP REDUNDANT SERVICES BACK WITHIN 150mm OF PIPE MAIN, DUCT MAIN, JUNCTION BOX, PANEL, ETC
5. TEST ADJUST AND BALANCE ALL AIR SYSTEMS TO VALUES SHOWN ON DRAWINGS AND AS DETAILED IN ACCORDANCE WITH THE CONTROL SEQUENCE. INCLUDE ALL MODES OF OPERATION IN THE TAB. COORDINATE THE SAME WITH THE TAB CONTRACTOR. TAB CONTRACTOR SHALL BE NEBB CERTIFIED.
6. MECHANICAL COMMISSIONING TO BE COMPLETED IN ACCORDANCE WITH THE ARCHITECTURAL PHASING DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS A-104 TO A-107. MECHANICAL CONTRACTOR IS RESPONSIBLE TO COORDINATE COMMISSIONING SCHEDULE WITH COMMISSIONING AGENT.

0	ISSUED FOR TENDER	MARCH 30, 2017
revisions		date

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	WABUSH AIRPORT WABUSH, NL	

drawing	FLOOR PLAN LEVEL 2 HVAC NEW	dessin
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