



1 MAIN FLOOR NEW HVAC LAYOUT
3/16" = 1'-0"

DRAWING KEYNOTES:

1. EXTEND DUCTWORK AND CONNECT TO NEW 22x6 S-2 GRILLE.
2. NEW 60 ROUND AT HIGH LEVEL TO NEW S-1 DIFFUSER.
3. TOP CONNECTION TO RECTANGULAR DUCT.
4. NEW LOCATION OF EXHAUST GRILLE.
5. NEW LOCATION OF THERMOSTAT.

GENERAL NOTES:

1. DO NOT SCALE THIS DRAWING. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO INSTALLATION AND REPORT ANY DISCREPANCY TO THE CONTRACT ADMINISTRATOR.
2. THE DRAWING ONLY SHOWS A GENERAL SCHEMATIC OF NEW PIPING SYSTEMS. ROUTING OF PIPES SHALL SUITS SITE CONDITIONS AND MAY HAVE TO BE CHANGED TO AVOID CONFLICTS WITH STRUCTURE, DUCTS AND PIPES. WHEN CONFLICT CANNOT BE AVOIDED, THE DUCTWORK SHALL BE MODIFIED AS REQUIRED.
3. CONTRACTOR SHALL INCLUDE FOR AND PROVIDE ALL COORDINATION BETWEEN TRADES AND CONSULTANT ON AND OFF SITE AS REQUIRED FOR INSTALLATION OF MECHANICAL AND ELECTRICAL SYSTEMS, WHERE MINOR REROUTING OF PIPE OR SERVICES IS REQUIRED DUE TO ONSITE CONDITIONS, IT SHALL BE PERFORMED AT NO ADDITIONAL COST.
4. COORDINATE ALL GRILLE AND DIFFUSER LOCATIONS WITH LIGHTING LAYOUT.
5. INSTALL FIRE DAMPERS IN ALL DUCTWORKS WHERE THEY PASS THROUGH FIRE RATED WALLS.
6. FIRE STOP ALL PIPE PENETRATIONS WHERE THEY PASS THROUGH FIRE RATED WALLS.
7. CONFORM TO SPECIFICATIONS AND MANUFACTURER GUIDELINES FOR MATERIALS AND UNITS' INSTALLATION DETAILS.
8. PROVIDE TESTING AND BALANCING, CONFIRM ALL NEW FLOWS AS INDICATED AND CONFIRM ALL EXISTING AIR FLOWS IN AREA OF RENOVATION ON ALL OUTLETS AND ALL VAV BOXES.
9. ALLOW FOR REMOVAL AND RE-INSTALLATION OF MECHANICAL WALL CONTROLS TO FACILITATE ANY ARCHITECTURAL WORK.



Project:
St. Vital Library

8 Fenner Ave., Winnipeg, Manitoba

Project Number: 16054

Bid Opportunity Number: 766-2016

Drawing Title:

MAIN FLOOR NEW HVAC LAYOUT

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