

GENERAL NOTES

- THIS DRAWING IS DIAGRAMMATIC ONLY. DO NOT SCALE.
- THE MECHANICAL SYSTEMS SHOWN ARE APPROXIMATE IN LOCATION ONLY. CONTRACTOR TO VERIFY EXACT LOCATION OF SYSTEMS BEING MODIFIED ON SITE PRIOR TO COMMENCEMENT OF WORK.
- ALL WORK SHALL COMPLY WITH THE MOST CURRENT VERSION OF ALL APPLICABLE CODES AND STANDARDS, WHICH SHALL BE CONSIDERED PART OF THESE CONTRACT DOCUMENTS. IN THE CASE OF CONFLICTING REQUIREMENTS, THE MOST STRINGENT REGULATION SHALL PREVAIL.
- CONTRACTOR TO MAINTAIN CURRENT AND READILY REVIEWABLE AS-BUILT DRAWINGS ACCURATELY REFLECTING SITE INSTALLATIONS.
- CONTRACTOR TO ENSURE ALL MATERIALS MODIFIED OR INSTALLED IN AN AIR PLENUM ARE RATED FOR SUCH USE.
- CONTRACTOR TO MAINTAIN DIGITAL PHOTOGRAPHIC RECORDS OF ALL INSTALLATIONS PRIOR TO CONCEALMENT BY SUPPORTING TRADES.
- EXISTING MECHANICAL BEING RE-INSTALLED TO BE TURNED OVER TO INSTALLING CONTRACTOR IN GOOD CONDITION.
- DEMOLITION CONTRACTOR TO TAPE AND SEAL OPEN ENDED DUCT AS SECTIONS OF SYSTEM ARE REMOVED.
- COORDINATE LOCATIONS OF FLOOR GRILLES WITH ARCHITECT PLANS.

DRAWING NOTES:

- CONTINUOUS LINEAR BAR GRILLE INSTALLED IN FLOOR. PROVIDE SPICE PLATES TO ALIGN MULTIPLE SECTIONS TOGETHER IF REQUIRED. REFER TO ARCHITECTURAL DETAIL FOR FLOOR TIE-IN. PROVIDE SHEET METAL PLENUM BOXES FOR SUPPLY AIR. BLANK OFF SECTIONS WHERE AIR IS NOT BEING SUPPLIED. ALL AIR SHALL BE DIRECTED TO MAIN FLOOR. COORDINATE PENETRATIONS WITH ARCHITECTURAL AND STRUCTURAL.
- NEW 750W ELECTRIC RADIANT PANEL AND WALL MOUNTED THERMOSTAT BY ELECTRICAL.
- NEW DIGITAL THERMOSTAT CONTROLLING EXISTING STEAM BOILER.
- EXHAUST DUCT WITHIN WALL CAVITY AT HIGH LEVEL.
- NEW ELECTRIC HEATING MAT. ELECTRICAL TO PROVIDE AND WIRE MAT. MECHANICAL TO PROVIDE CONTROLS, INCLUDING SPACE TEMPERATURE SENSORS, SLAB TEMPERATURE SENSOR, AND CONNECTION BACK TO DDC.
- NEW CEILING MOUNTED TEMPERATURE SENSOR. JOI MODEL TE-6300F FLUSH MOUNT OR SIMILAR.



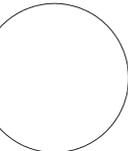
Certificate of Authorization
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This drawing must not be scaled. The contractors shall verify all dimensions and other data on site prior to commencement of work. Discrepancies, errors, and omissions are to be reported to the Architect prior to proceeding with the Work.

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Project

St. John's Library Renovation

Drawing

MAIN FLOOR - HVAC
RENOVATION LAYOUT

Drawn By
JDG

Reviewed By
ATS

Scale
1:50

Drawing No.
M4.2

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15036

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1 MAIN FLOOR - HVAC RENOVATION LAYOUT
M4.2 SCALE: 1:50

GRILLE, DIFFUSER & LOUVER SCHEDULE

TYPE	SERVICE	MAKE	MODEL	REMARKS
A	SUPPLY AIR	PRICE	SCD/31/3C	COLOURS AND FINISHES SELECTED BY ARCHITECTURAL.
B	TRANSFER/EXHAUST	PRICE	530	COLOURS AND FINISHES SELECTED BY ARCHITECTURAL.
C	SUPPLY AIR	PRICE	RC0	COLOURS AND FINISHES SELECTED BY ARCHITECTURAL.
D	SUPPLY AIR	PRICE	LBPH/16A	HEAVY DUTY NARROW FACE BORDER. REFER TO ARCHITECTURAL DETAIL FOR INSTALLATION DETAILS. PROVIDE MULTIPLE SECTIONS AS NECESSARY.
E	EXHAUST AIR	PRICE	80	COLOURS AND FINISHES SELECTED BY ARCHITECTURAL.
F	EXHAUST AIR/ FRESH AIR	PRICE	DE635	DRAINABLE BLADES. FINISH AND COLOUR SELECTED BY ARCHITECT.
G	TRANSFER AIR	PRICE	LBPH/15B	HEAVY DUTY NARROW FACE BORDER. REFER TO ARCHITECTURAL DETAIL FOR INSTALLATION DETAILS. PROVIDE MULTIPLE SECTIONS AS NECESSARY.