

FINISH

B12

B12

B12

B12

B12

FASTEN

TYPE C

TYPE C

REMARKS

REFER TO MECHANICAL DRAWINGS FOR SIZES AND LOCATIONS.

COLORS AND FINISHES BY CONTRACT ADMINISTRATOR.

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REFER TO MECHANICAL DRAWINGS FOR SIZES AND LOCATIONS.

C/W HEAVY DUTY NARROW FACE BOARDER AND TYPE C FASTENING FOR

FLUSH RECESSED MOUNTING. REFER TO MECHANICAL DRAWINGS FOR SIZES AND LOCATIONS. COLORS AND FINISHES BY CONTRACT ADMINISTRATOR. C/W HEAVY DUTY NARROW FACE BOARDER AND TYPE C FASTENING FOR FLUSH RECESSED MOUNTING. GRILLE IS NON-FUNCTIONAL AND FOR APPEARANCE ONLY. GRILLE TO HAVE SHEET METAL INSTALLED OVER INLET. REFER

TO MECHANICAL DRAWINGS FOR SIZES AND LOCATIONS. COLORS AND FINISHES BY CONTRACT ADMINISTRATOR.

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GRILLE, DIFFUSER & LOUVER SCHEDULE

MAKE

PRICE

PRICE

PRICE

PRICE

PRICE

PRICE

MODEL

520D

530D

RCD

BORDER

CORE

BLADE

TYPE

SERVICE

SUPPLY AIR

EXHAUST AIR

SUPPLY AIR

SUPPLY/RETURN

EXHAUST AIR

GENERAL NOTES:

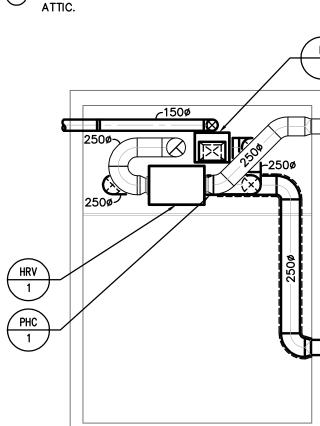
- THIS DRAWING IS DIAGRAMMATIC ONLY, DO NOT SCALE.
- 2. COORDINATE FINAL LOCATION OF SUPPLY AND EXHAUST DIFFUSERS ON SITE WITH FINAL LIGHTNING LAYOUT, ARCHITECTURAL CEILING, STRUCTURAL, ELECTRICAL, AND MECHANICAL
- 3. FLARE DUCTWORK TO ACCOMMODATE CONNECTION AND/OR OPENING SIZE AT MECHANICAL EQUIPMENT AS REQUIRED.
- 4. ENSURE 3000MM SPACE BETWEEN HRV-1 INTAKE AND EXHAUST PENETRATIONS.
- 5. SUPPLY, RETURN AND NON-FUNCTIONAL GRILLES IN MULTI-PURPOSE ROOM BULKHEAD TO BE INSTALLED TO APPEAR AS ONE SEAMLESS GRILLE.

DRAWING NOTES:

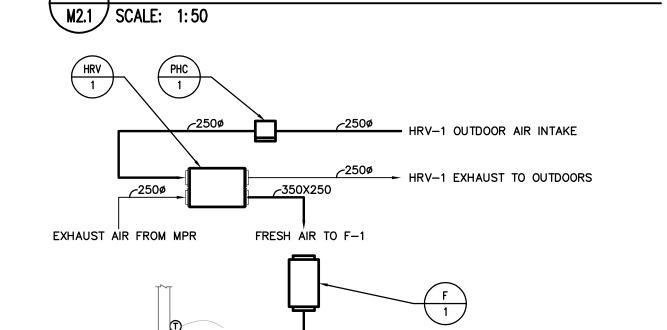
- (1) SUPPLY IN ATTIC SPACE.
- 2 250X200 EXHAUST DUCT TO TERMINATE AT HIGH LEVEL FLUSH WITH WALL SHEATHING C/W PROTECTIVE SCREENING. COORDINATE WITH ARCHITECTURAL.
- 3 250X200 SUPPLY DUCT TO TERMINATE 300MM ABOVE GRADE FLUSH WITH WALL SHEATHING C/W PROTECTIVE SCREENING. COORDINATE WITH
- 4 SUPPLY FAN (F-1) INLET TO BE OPEN ENDED WITHIN MECHANICAL ROOM C/W PROTECTIVE
- 5 RETURN AIR GRILLES ATTACHED TO BULKHEAD. BULKHEAD IS OPEN TO MECHANICAL ROOM FOR AIR TO GET BACK TO SUPPLY FAN (F-1). REFER TO ARCHITECTURAL.
- (6) EXHAUST IN ATTIC SPACE.
- 7 250¢ OUTDOOR AIR INTAKE DUCT FOR HRV-1 TO DROP DOWN TO LOW LEVEL.
- 8 1 KW ELECTRIC BASEBOARD HEATER. REFER TO ELECTRICAL.
- 9) 3000 SUPPLY DUCT FROM HRV-2 UP TO CEILING SPACE C/W FIRE DAMPER.
- (10) 300¢ EXHAUST DUCT FROM HRV-2 UP TO
- CEILING SPACE C/W FIRE DAMPER.
- 11) HRV-1 LOCATED UNDERNEATH DUCTWORK AND
- 12) 300X250 EXHAUST DUCT TO TERMINATE AT HIGH LEVEL FLUSH WITH WALL SHEATHING C/W PROTECTIVE SCREENING. COORDINATE WITH ARCHITECTURAL.
- (13) 300X250 SUPPLY DUCT TO TERMINATE AT HIGH LEVEL FLUSH WITH WALL SHEATHING C/W PROTECTIVE SCREENING. COORDINATE WITH ARCHITECTURAL.

300¢ HRV-2 OUTDOOR AIR INTAKE DUCT TO

- BE INSULATED FROM WALL PENETRATION TO HEATING COIL PHC-2 INLET. REFER TO MECHANICAL SPECIFICATION.
- 250¢ HRV-1 OUTDOOR AIR INTAKE DUCT TO BE INSULATED FROM WALL PENETRATION TO HEATING COIL PHC-1 INLET. REFER TO MECHANICAL SPECIFICATION.
- GRILLE IS NON-FUNCTIONAL AND IS INTENDED TO MAINTAIN THE APPEARANCE OF ONE CONTINUOUS GRILLE RUNNING THE LENGTH OF THE BULKHEAD.
- (17) 5KW ELECTRIC HEATER. REFER TO ELECTRICAL. (18) 3KW ELECTRIC HEATER. REFER TO ELECTRICAL.
- 19 2KW ELECTRIC HEATER. REFER TO ELECTRICAL. 20 BUILD GALVANIZED PLENUMS BEHIND GRILLES
- MINIMUM 150MMX38MMXGRILLE LENGTH. 21 24 VOLT DIGITAL THERMOSTAT MOUNTED IN ATTIC.



2 MULTI-PURPOSE ROOM MECHANICAL CLOSET DETAIL



MULTI-PURPOSE ROOM HVAC SCHEMATIC

SUPPLY AIR TO MPR

PSastudio inc.

Owner

City of Winnipeg Crescent Drive Park

Revision Notes No. Date 0 2016/02/29 Issued for Construction

MCW / AGE

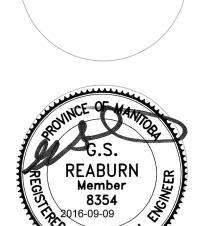
APEGIN Certificate of Authorization

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MCW/AGE Consulting Professional Engineers No. 589 Expiry: April 30, 2016



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Crescent Drive Park Pavilion

MAIN FLOOR - HVAC RENOVATION PLAN

Drawn By Reviewed By CD M2.1 As Noted

February 2016

M2.1 SCALE: 1:50