



**2 TYPICAL TRANSFER AIR DETAIL**  
M5.2 SCALE: NTS

**GENERAL NOTES:**

- THIS DRAWING IS DIAGRAMMATIC ONLY. DO NOT SCALE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING EXACT LAYOUTS, ROUTING ETC.

**DRAWING NOTES:**

- FRAMED PERFORATED 16 GA. GRILLE C/W OPPOSED BLADE DAMPER.
- KITCHEN VENTILATION (EXHAUST & MAKE-UP AIR) SYSTEM SHALL COMPLY WITH NFPA 96. FAN DISCHARGE SHALL BE MINIMUM 40" (1016 MM) ABOVE THE ROOF SURFACE. PROVIDE 18 G STAINLESS STEEL DUCTWORK WITH CONTINUOUS WELDED JOINTS AS PER NFPA 96, "QUICKWRAP ONE DUCT INSULATION AS PER NFPA 96, AND ROOF CURB, HINGED BASE, GREASE TRAP AND EXTERNAL JUNCTION BOX FOR THE EXHAUST FAN.
- 150# EXHAUST DUCT UP TO GOOSENECK ON ROOF. REFER TO ROOF PLAN FOR LOCATION.
- EXHAUST HOOD C/W 450X450 NFPA 96 KITCHEN EXHAUST DUCT TO EXHAUST FAN (EF-4) ON ROOF.
- 300X200 COMBUSTION DUCT TO ROOF.
- VENTS FROM BOILERS IN BASEMENT.
- VENT FROM DHWT-1 IN BASEMENT.
- 550X350 SUPPLY AIR DUCT FROM MUA-1 ON ROOF.
- 1100X650 SUPPLY AIR DUCT FROM AHU-2.
- 1100X600 SUPPLY AIR DUCT.
- 1000X600 PRICE DE439 INTAKE/EXHAUST LOUVER WITH SCREEN.
- 1000X760 OUTDOOR AIR DUCT TO ROOF.
- 400X150 TRANSFER DOOR GRILLE, PRICE STG-1 SERIES.
- 760X500 FRESH AIR DUCT.
- 1000X750 EXHAUST AIR DUCT TO ROOF.
- 1420X760 RETURN AIR LOUVER.
- 1200X600 RETURN AIR LOUVER.
- 600X500 TRANSFER DOOR GRILLE, PRICE STG-1 SERIES.
- DIFFUSER LOCATION TO MATCH CEILING.
- WET CHEMICAL FIRE SUPPRESSION SYSTEM ANSUL R-102 MOUNTED IN WALL CABINET.
- CONDENSING UNIT TO BE LOCATED 600MM ABOVE FINISH GRADE.
- 25# TO NEAREST DRAIN.
- 12# FROM DOMESTIC COLD WATER LINE.
- DUCTWORK IN GYM TO BE 18 GA. MINIMUM.
- 3# FIRE BLANKET TO BE APPLIED TO ALL DUCT EXPOSED IN STAIR- 2 HOUR RATING.
- HUMIDIFIER.

**1 MAIN FLOOR PLAN- HVAC LAYOUT**  
M5.2 SCALE: 1:100



**APEGM**  
Certificate of Authorization  
MCW/AGE Consulting  
Professional Engineers  
No. 589 Expiry: April 30, 2010

D ISSUED FOR TENDER	FEB 26, 2010
C ISSUED FOR 90% REVIEW	FEB 10, 2010
B ISSUED FOR 90% REVIEW	JAN 08, 2010
A ISSUED FOR 60% REVIEW	DEC 02, 2009

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project  
**SINCLAIR COMMUNITY CENTRE**  
ADDITION & RENOVATIONS  
490 Sinclair Street, Winnipeg

sheet title  
**MAIN FLOOR PLAN- VENTILATION LAYOUT**

project number: 5878 drawing number:  
scale: N.T.S. **M5.2**  
drawn by: KLG  
approved by: GSR  
date: 2010-02-26