



- GENERAL NOTES:**
- PERFORM WORK IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS.
  - REVIEW EQUIPMENT LOCATIONS WITH CONTRACT ADMINISTRATOR PRIOR TO INSTALLATION.
  - EQUIPMENT LOCATIONS, DUCT, AND PIPE ROUTING INDICATED ON THE DRAWINGS IS APPROXIMATE ONLY. CONFIRM IN THE FIELD. REROUTE DUCTWORK AND PIPING AS REQUIRED TO ELIMINATE FIELD INTERFERENCES, WITH BUILDING STRUCTURES, ELECTRICAL, ETC. CONFIRM CHANGES WITH CONTRACT ADMINISTRATOR. COORDINATE WORK WITH ALL SUBTRADES. WHERE DIMENSIONS ARE INDICATED FOR PIPING, DUCTWORK, DUCT SIZES, EQUIPMENT SIZES, ETC. THESE ARE FOR BIDDING PURPOSES ONLY. THE CONTRACTOR IS RESPONSIBLE TO VERIFY ALL DIMENSIONS IN THE FIELD PRIOR TO ORDERING EQUIPMENT AND COMMENCING INSTALLATION WITHOUT EXTRA CHARGES TO THE PROJECT. THE CONTRACTOR IS RESPONSIBLE TO ENSURE ALL EQUIPMENT, DUCTWORK, AND PIPING FITS IN THE SPACE AVAILABLE AND TO MAINTAIN THE GENERAL DESIGN INTENT FOR THE SYSTEMS.
  - CONFORM TO SMACNA STANDARDS FOR SUPPLY AND INSTALLATION OF DUCTWORK. SEAL ALL DUCT JOINTS.
  - SEAL ALL FLOOR, ROOF AND WALL PENETRATIONS WATER AND AIR TIGHT.

- KEYNOTES:**
- SUPPLY AND INSTALL NEW AIR HANDLER AND INSTALL ON CONCRETE CURB. PROVIDE ALL DUCT CONNECTIONS. ROUTE FLUE GAS PIPING UP THROUGH ROOF AND TERMINATE ACCORDING TO MANUFACTURER'S INSTRUCTIONS. PIPE DRAINS TO NEAREST FUNNEL FLOOR DRAIN.
  - SUPPLY AND INSTALL NEW ERV AND HANG FROM STRUCTURE USING VIBRATION ISOLATORS. PROVIDE ALL DUCT CONNECTIONS USING FLEXIBLE CONNECTORS.
  - SUPPLY AND INSTALL COMBUSTION AIR DUCT THROUGH ROOF. TERMINATE ON ROOF WITH A GOOSENECK COMPLETE WITH BIRDSCREEN. INSULATE DUCT INDOORS & TERMINATE AT FLOOR LEVEL. MAXIMUM 450mm ABOVE FLOOR & MINIMUM 150mm ABOVE FLOOR.
  - SUPPLY AND INSTALL NEW VENTILATION AIR DUCT THROUGH ROOF. TERMINATE ON ROOF WITH A GOOSENECK COMPLETE WITH BIRDSCREEN. INSULATE DUCT INDOORS & TERMINATE AT HIGH LEVEL WITH OPEN END.
  - PROVIDE OPENING IN BACKSIDE OF LOUVER TO SIZE INDICATED. REMAINDER OF LOUVER TO BE BLOCKED OFF WITH AN INSULATED BACK PAN.

bridemancollaborative  
 ARCHITECTURE  
 675 MAIN STREET WINNIPEG, MB R3B 1E4  
 204.488.3657 fax. 204.488.0216 fax.

**KGS GROUP**  
CONSULTING ENGINEERS

**Winnipeg**  
THE CITY OF WINNIPEG PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT  
MUNICIPAL ACCOMMODATIONS DIVISION  
4TH FLOOR - 185 KING STREET  
R3B 1J1

**Project:**  
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480 KEENEYSIDE, WINNIPEG, MB

**Drawing Title:**  
MEZZANINE FLR PLAN HVAC

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**P.S. SILVA**  
Member  
21131