



27127mm (89'-0")

1 MEZZANINE/SECOND FLOOR PLAN
 2000 0 2000 4000 6000 8000
 SCALE: 1:100mm

GENERAL NOTES:

1. PERFORM WORK IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS.
2. REVIEW EQUIPMENT LOCATIONS WITH CONTRACT ADMINISTRATOR PRIOR TO INSTALLATION.
3. DUCT ROUTING INDICATED ON DRAWINGS ARE APPROXIMATE ONLY. CONFIRM IN FIELD, REROUTE DUCTING TO ELIMINATE FIELD INTERFERENCES WITH BUILDING STRUCTURES, ELECTRICAL ETC. CONFIRM CHANGES WITH CONTRACT ADMINISTRATOR.
4. CONFORM TO SMACNA STANDARDS FOR SUPPLY AND INSTALLATION OF DUCTWORK.
5. PROVIDE ALL WALL/ROOF PENETRATIONS AND CURBS.
6. SEAL ALL WALL/ROOF PENETRATIONS AND DUCTWORK WATER/AIR TIGHT.
7. PROVIDE ACCESS DOORS FOR ALL EQUIPMENT AND DAMPERS LOCATED ABOVE DRYWALL CEILINGS.
8. REVISE SPRINKLER PIPING WHERE REQUIRED TO FACILITATE INSTALLATION OF NEW HVAC SYSTEM. SPRINKLER MODIFICATIONS TO BE DESIGNED BY A QUALIFIED SPRINKLER ENGINEER TO MEET NEPA 13.
9. THE NEW AIR HANDLING UNITS SHALL BE BROUGHT INTO THE MEZZANINE THROUGH NEW WALL OPENINGS IN THE NORTH WALL. THE NORTH SIDE OF THE BUILDING IS NOT ACCESSIBLE TO VEHICLES AND AS SUCH, ANY CRANING OR HOISTING REQUIRED SHALL BE DONE FROM THE EAST PARKING LOT.

KEY NOTES:

1. INSTALL NEW AIR HANDLING UNITS AS INDICATED. CONNECT DUCTWORK AS SHOWN. (TYP) PROVIDE REFRIGERANT PIPING BETWEEN AIR HANDLING UNITS AND CONDENSING UNITS. PROVIDE ROOF PENETRATIONS. (SEE STRUCTURAL)
2. RUN NEW DUCTWORK IN MEZZANINE SPACE. DROP DOWN TO DIFFUSERS. (TYP)
3. REPLACE EXISTING EXHAUST FANS.
4. PROVIDE NEW BALANCING DAMPER ON DUCT.

LEGEND:

- NEW EQUIPMENT OR DUCTWORK
- EXISTING EQUIPMENT OR DUCTWORK
- (T) THERMOSTAT
- (B) BALANCE DAMPER
- (L1) LOUVER NO.
- (L1 -) LOUVER SIZE (WxH)
- (→) AIR FLOW

LOUVER SCHEDULE		
TAG	SIZE	ACCEPTABLE PRODUCT
L1	1371 x 762	PRICE/DE439
L2	1778 x 914	PRICE/DE439

APEGM
 Certificate of Authorization
 KGS Group
 No. 245 Date: 10/03/01

THE CITY OF WINNIPEG
 PUBLIC WORKS DEPARTMENT
 Winnipeg
 PROJECT TITLE: FORT ROUGE LEISURE CENTRE HVAC UPGRADES - PHASE 1
 SHEET OF: 001 OF 001
 COMPUTER FILE NAME: 08-0107-09-P1-M05
 CITY DRAWING NUMBER

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DESIGNED BY: PSS
 DRAWN BY: VJH
 CHECKED BY: RED
 APPROVED BY: PSS

ENGINEER'S SEAL: P.S. SILVA, P.ENG.
 ON 2010/01/28

CONSULTANT DRAWING NO. P1-M05

HOR. SCALE: AS SHOWN
 VERTICAL: .

RELEASED FOR CONSTRUCTION: .

NO.	REVISIONS	DATE	BY
1	ISSUED FOR ADDENDUM NO. 1	10/03/01	PSS
0	ISSUED FOR TENDER	10/01/28	PSS

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