

KEY PLAN
SCALE: N.T.S.

KEYNOTES:

- 1 PROVIDE NEW EXHAUST FAN EF-3 ON ROOF CW ASSOCIATED ROOF CURB AND DUCTWORK. PROVIDE A NEW EXHAUST AIR PLENUM IN CEILING SPACE BELOW NEW EXHAUST FAN. TIE EXISTING EXHAUST DUCTWORK INTO NEW EXHAUST PLENUM AS SHOWN.
- 2 THE DRYWALL CEILINGS WITHIN THE OUTLINED AREA CONTAIN ASBESTOS. THEREFORE, THEY WOULD BE REMOVED BY THE CITY PRIOR TO COMMENCEMENT OF THIS PROJECT. RESTORATION OF THE CEILING IS THE RESPONSIBILITY OF THIS PROJECT (SEE DRAWING B01).
- 3 RELOCATE EXISTING PLUMBING VENT TO NEW LOCATION SHOWN ON DRAWING M04.
- 4 CONNECT NEW DUCT TO EXISTING RISER. PROVIDE TRANSITION TO SUIT.
- 5 PROVIDE NEW BACKDRAFT DAMPERS CW ACCESS DOOR AT THE FAN INLET. (TYP.)
- 6 REPLACE EXISTING DIFFUSERS WITH NEW DIFFUSERS. CONFIRM NECK SIZE ON SITE PRIOR TO ORDERING. (TYP.)

NOTES:
THESE DRAWINGS SHALL NOT BE SCALED.
THE CONTRACTOR SHALL VISIT THE SITE AND SATISFY ONESELF ALL DIMENSIONS, DATUM, AND DETAILED INFORMATION SHOWN ARE CORRECT.
THE CONTRACTOR IS TO REVIEW AND COORDINATE ALL ARCHITECTURAL, MECHANICAL, ELECTRICAL AND STRUCTURAL DRAWINGS FOR ADDITIONAL OPENINGS THROUGH FLOORS, WALLS, AND CEILINGS FOR DUCT, PIPE & ELECTRICAL RISERS AND ALL OPENINGS NOT SHOWN ON DRAWINGS.
ALL OPENINGS THROUGH THE FIRE SEPARATIONS AS A RESULT OF THE WORK OF THIS CONTRACT ARE TO BE FIRE STOPPED AND SEALED WITH U.L.C APPROVED FIRE STOPPING TO MAINTAIN THE INTEGRITY OF THE FIRE SEPARATION, AND PROVIDE AND SMOKE-TIGHT BARRIER.
ALL PRODUCTS AND MATERIALS TO BE USED AND INSTALLED SHALL CONFORM WITH MANUFACTURER'S SPECIFICATIONS & APPLICABLE CODES.
THE CONTRACTOR SHALL BE RESPONSIBLE TO PATCH AND MAKE GOOD ALL EXISTING CONSTRUCTION AFFECTED BY THE REMOVAL OF ALL ITEMS FORMING THE PART OF THE RENOVATION WORK.
WHERE NEW FLOORING AND BASE IS TO BE INSTALLED IN EXISTING AREAS (REFER TO FLOOR PLAN AND ROOM SCHEDULE) THE EXISTING FLOORING SURFACE AND BASE MUST BE REMOVED, UNLESS OTHERWISE NOTED. ALL FLOOR SURFACES SHALL BE PREPARED IN ACCORDANCE TO MANUFACTURER'S RECOMMENDATIONS FOR INSTALLATION OF NEW FLOOR.
WHERE PAINTING OF EXISTING WALLS IS INDICATED ON THE ROOM SCHEDULE, THESE WALLS MUST BE CLEANED OF ANY EXISTING WALL COVERING, PATCHED & PREPARED TO ACCEPT NEW MATERIAL, UNLESS OTHERWISE NOTED.

GENERAL NOTES:

1. PERFORM WORK IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS.
2. 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.
3. CONFORM TO SMACNA STANDARDS FOR SUPPLY AND INSTALLATION OF DUCTWORK.
4. SEAL ALL WALL PENETRATIONS AND DUCTWORK WATER AND AIR TIGHT.
5. PROVIDE ALL WALL PENETRATIONS, PENETRATIONS THROUGH FIRE RATED WALLS SHALL BE FIRE SEALED.

LEGEND:

- NEW EQUIPMENT / PIPING / DUCTWORK
- - - EXISTING EQUIPMENT / PIPING / DUCTWORK
- EF- EXHAUST FAN
- B BALANCE DAMPER
- BDD BACKDRAFT DAMPER
- G- GRILLE No.
- X- NECK SIZE
- L/S- AIR FLOW RATE

0	ISSUED FOR TENDER		19.08.19
No.	REVISION/DESCRIPTION	BY	DATE



DRAWN	CHECKED	DESIGNED	APPROVED
DATE 19.08.19	USER APPROVAL		

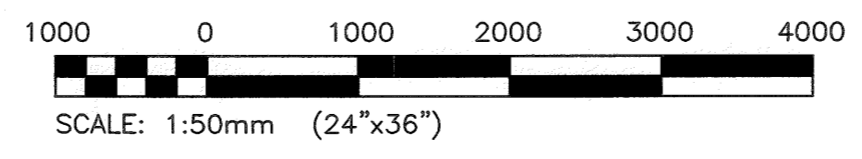
THE CITY OF WINNIPEG
PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT
MUNICIPAL ACCOMMODATIONS DIVISION
3-65 GARRY STREET, R3C 4K4

PROJECT
ROOFTOP HEAT RECOVERY
VENTILATOR REPLACEMENT
BONIVITAL POOL
1215 ARCHIBALD STREET

SHEET TITLE		
MECHANICAL MAIN FLOOR PLAN PLUMBING AND HVAC - NEW		
SCALE AS SHOWN	PROJECT No: 19-0107-007	SHEET No: M03

GRILLE No.	PRICE DESIGNATION	COMMENTS
G1	250x250 / 80 / F / L / A / B12	EGG CRATE RETURN
G2	300x300 / 80 / F / L / A / B12	EGG CRATE RETURN
G3	350x200 / 80 / F / L / A / B12	EGG CRATE RETURN, NECK SIZE IS ESTIMATED (TO BE CONFIRMED ON SITE)
G4	760x150 / 520 / F / L / A / B12	LOUVERED SUPPLY, NECK SIZE IS ESTIMATED (TO BE CONFIRMED ON SITE)
G5	1500 / 300x300 / SCD / 31 / 3C / B12	SQUARE CONE DIFFUSER, NECK SIZE IS ESTIMATED (TO BE CONFIRMED ON SITE)
G6	2000 / 300x300 / SCD / 31 / 3C / B12	SQUARE CONE DIFFUSER, NECK SIZE IS ESTIMATED (TO BE CONFIRMED ON SITE)

PARTIAL MAIN FLOOR PLAN
SCALE 1:50



SCALE VERIFIED BY: *[Signature]*

ENGINEERS
GEOSCIEN TISTS
MANITOBA
Certificate of Authorization
KGS Group
No. 245

KGS GROUP
CONSULTING
ENGINEERS