

GENERAL NOTES

1. DEVICE SYMBOLS SHOWN ON THE DRAWINGS AS A "GREY" LINE WEIGHT DENOTES THAT THEY ARE EXISTING.
2. WHERE THE MECHANICAL DESIGN UTILIZES A PLENUM RETURN AIR CEILING DESIGN, ALL EQUIPMENT AND MATERIALS INSTALLED WITHIN THE PLENUM RETURN CEILING MUST MEET THE FLAME SPREAD AND SMOKE DEVELOPED RATINGS OF 25/50 AND BE APPROVED FOR USE IN PLENUM RETURN CEILING. COORDINATE PLENUM CEILING LOCATIONS WITH THE MECHANICAL SUB CONTRACTOR. LUMINAIRES THAT ARE MANUFACTURED WITH A METAL HOUSING MEET THIS REQUIREMENT AND ARE NOT REQUIRED TO BE PLENUM RATED UNLESS INDICATED OTHERWISE.
3. COORDINATE THE CONNECTIONS OF ALL EQUIPMENT PROVIDED BY OTHERS WITH THE CONTRACTOR OR SUB-CONTRACTOR PROVIDING THE EQUIPMENT PRIOR TO ROUGH-IN. THIS INCLUDES, BUT IS NOT LIMITED TO MECHANICAL EQUIPMENT, ETC. THE ELECTRICAL SUB CONTRACTOR IS RESPONSIBLE TO PROVIDE THE APPROPRIATE DISCONNECTING MEANS FOR, AND TO MAKE THE FINAL CONNECTION TO, ANY HARDWIRED EQUIPMENT.
4. THE ELECTRICAL SUB CONTRACTOR IS RESPONSIBLE FOR PRESERVING THE FIRE RATING OF ANY FIRE-RATED CEILING ASSEMBLIES BY PROVIDING THE APPROPRIATE FIRE-RATED LUMINAIRE TENTS AS MANUFACTURED BY TENMAT, NELSON, FIRESTOP OR APPROVED EQUAL IN ACCORDANCE WITH B7, OR PROVIDE BUILDING FIRE-RATED ENCLOSURES AROUND EACH LUMINAIRE THAT IS RECESSED INTO THE FIRE-RATED ASSEMBLY. COORDINATE FIRE-RATED CEILING ASSEMBLY LOCATIONS WITH THE STRUCTURAL DRAWINGS.
5. ALL EQUIPMENT, DEVICES, AND LUMINAIRES SHALL BE SUITABLE FOR THE ENVIRONMENT IN WHICH THEY ARE INSTALLED. EQUIPMENT MOUNTED OUTDOORS SHALL BE NEMA 3R DEVICES MOUNTED IN DAMP OR WET LOCATIONS SHALL BE WEATHERPROOF. RECEPTACLES RATED 15- OR 20- AMPS AND 120 VOLTS WHICH ARE LOCATED IN DAMP OR WET LOCATIONS SHALL BE GFCI PROTECTED AND EQUIPPED WITH A SUITABLE WEATHERPROOF COVERPLATE (WHILE-IN-USE IN WET LOCATIONS).
6. ALL LUGS, TERMINALS, ETC. IN ELECTRICAL DISTRIBUTION EQUIPMENT SHALL BE LISTED FOR A MINIMUM OF 75 DEGREES C CONDUCTORS. TERMINATIONS LISTED FOR ONLY 60 DEGREES C CONDUCTORS ARE NOT PERMITTED.
7. CONDUCTORS #12 AWG AND SMALLER SHALL BE SOLID. CONDUCTORS #10AWG AND LARGER ARE PERMITTED TO BE STRANDED.
8. ELECTRICAL SUB CONTRACTOR TO CONFIRM EXACT SIZE AND LOCATION AND WIRING REQUIREMENTS OF ALL MECHANICAL EQUIPMENT WITH MECHANICAL SUB CONTRACTOR PRIOR TO INSTALLATION OF ANY WIRING. ADJUST WIRING, BREAKERS, ETC. TO SUIT. ALL COSTS TO BE INCLUDED IN BASE TENDER QUOTE.

GENERAL LIGHTING NOTES

1. PROVIDE ALL ACCESSORIES INCLUDING TRIM RINGS, STEMS, CANOPIES, CORDS, MOUNTING HARDWARE, RESTRAINTS, HURRICANE CLIPS, ETC., NECESSARY TO MOUNT THE FIXTURE IN A COMPLETE, AND APPROVED METHOD.
2. PROVIDE ANY SEISMIC BRACING AND/OR RESTRAINTS REQUIRED BY THE AUTHORITY HAVING JURISDICTION.
3. PROVIDE CHAIN HANGERS FOR ALL SUSPENDED CHANNELS AND/OR STRIPLIGHTS IN UNFINISHED AREAS.
4. PROVIDE DRYWALL FRAMES FOR ALL LUMINAIRES THAT ARE RECESSED INTO DRYWALL CEILINGS.
5. SUPPORT ALL LUMINAIRES COMPLETELY INDEPENDENT OF ANY SUSPENDED CEILING.
6. PROVIDE EXTENSIONS FOR RECESSED LUMINAIRES WHERE REQUIRED BY THE CEILING THICKNESS.
7. WHEN REQUIRED, PROVIDE FIRE-RATED LUMINAIRE COVERS (LUMINAIRE TENTS) FOR LUMINAIRES INSTALLED IN FIRE-RATED CEILING ASSEMBLIES OR PROVIDE FIRE-RATED BOXES AROUND EACH LUMINAIRE. COORDINATE LOCATIONS OF FIRE-RATED CEILING ASSEMBLIES WITH THE STRUCTURAL PLANS.
8. COORDINATE MOUNTING LOCATION, NUMBER OF FACES, AND DIRECTIONAL ARROWS OF EXIT SIGNS AS REQUIRED TO MARK PATHS OF EGRESS TO THE SATISFACTION OF THE AUTHORITY HAVING JURISDICTION.

FIRE STOPPING NOTES

- A. ALL ELECTRICAL WIRES, CABLES, NON-COMBUSTIBLE RACEWAYS, OUTLET BOXES AND OTHER SIMILAR SERVICES THAT PENETRATE FIRE WALLS, FIRE SEPARATIONS OR ASSEMBLIES AND THAT ARE REQUIRED TO HAVE A FIRE RESISTANCE RATING OR FIRE SEPARATION, SHALL BE SEALED BY FIRE STOP SYSTEM WHICH HAS AN "F" AND/OR "FT" RATING NOT LESS THAN THE REQUIRED FIRE PROTECTION RATING OF FIRE SEPARATION.
- B. ELECTRICAL SUB CONTRACTOR SHALL ONLY USE LISTED MATERIALS AND METHODS.
- C. SERVICE PENETRATION AND FIRE STOPPING OF SERVICE PENETRATION IN FIRE SEPARATION AND FIRE RATED ASSEMBLIES SHALL COMPLY WITH THE CURRENT BUILDING CODE.
- D. PROVIDE FOR FIRE STOPS IN CONCEALED SPACES AS REQUIRED BY THE CURRENT BUILDING CODE.
- E. ALL FIRE RESISTANCE RATED ASSEMBLIES (I.E. WALLS, CEILINGS, ETC.) WHICH CONTAIN PANEL BOARDS, BACK BOXES, RECESSED LIGHTING FIXTURES, ETC. SHALL BE CW FIRE RATED BACKING TO MAINTAIN THE INTEGRITY OF THE FIRE RESISTANCE.

GENERAL DEMOLITION NOTES

1. ELECTRICAL SUB CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES AND STANDARDS.
2. PRIOR TO COMMENCEMENT OF ANY WORK, THE ELECTRICAL SUB CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS TO COMPLETE THE DEMOLITION SCOPE OF WORK.
3. ELECTRICAL SUB CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING SAFE THE AREA OF DEMOLITION AND FOR ENSURING THAT SAFETY PROCEDURES, PRACTICES AND OPERATIONS ARE FOLLOWED. ALL DEMOLITION AND MATERIAL SHALL BE SAFELY REMOVED TO ALLOW FUTURE CONSTRUCTION AND ALL DEBRIS DISPOSED OF ON A DAILY BASIS.
4. ELECTRICAL SUB CONTRACTOR SHALL PROVIDE SAFETY AND DUST PROOF BARRIERS TO PROTECT ALL PUBLICLY OCCUPIED AREAS DURING THE DEMOLITION AND CONSTRUCTION PERIOD. ALL AREAS, FURNITURE, EQUIPMENT ETC. THAT ARE ADJACENT OR NOT A PART OF THE DEMOLITION AREA SHALL BE PROTECTED FROM DAMAGE.
5. ALL MATERIALS REMOVED DUE TO THE DEMOLITION OF EXISTING AREAS ARE OF THE CITY'S PROPERTY IN WHICH THE CITY HAS THE FIRST RIGHT TO CLAIM. ALL ITEMS THAT ARE NOT CLAIMED BY THE CITY SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL SUB CONTRACTOR TO REMOVE AND DISCARD FROM SITE.
6. NON-DEMOLITION ITEMS MAY BE SHOWN ON THE DRAWINGS TO DESCRIBE THE INTENT OF THE OVERALL SCOPE OF WORK AND TO AID THE ELECTRICAL SUB CONTRACTOR WITH THEIR COORDINATION. ELECTRICAL SUB CONTRACTOR SHALL FIELD VERIFY ALL DEVICE LOCATIONS.
7. WHERE CONDUITS ARE TO BE REMOVED WITHIN THE SCOPE OF WORK, ALL CONDUITS AND ASSOCIATED WIRING (I.E. FEEDER CIRCUIT WIRING) SHALL BE REMOVED BACK TO THEIR SOURCE AND NOT JUST TO THE NEAREST JUNCTION BOX.
8. ALL OBSOLETE/ABANDONED CABLING AND CONDUIT WITHIN CEILING SPACES THAT ARE AFFECTED BY THE AREA OF DEMOLITION SHALL BE COMPLETELY REMOVED.
9. WHERE ELECTRICAL EQUIPMENT HAS BEEN REMOVED, ALL WALLS/CEILINGS SHALL BE REPAIRED TO EXISTING CONDITIONS. SURFACES SHALL BE PATCHED AND PAINTED TO MATCH EXISTING.

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 ULC 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.

No.	REVISION/DESCRIPTION	BY	DATE
0	ISSUED FOR TENDER	CL	16.11.28

SEAL

NOV. 29, 2016

DRAWN	SDC	CHECKED	DESIGNED	CLS	APPROVED
DATE	2016.11.15	USER	APPROVAL		

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

PROJECT
 REPLACEMENT OF
 DOMESTIC HOT WATER
 SYSTEM AT PAN AM POOL
 25 POSEIDON BAY

SHEET TITLE
 ELECTRICAL
 GENERAL NOTES

SCALE	PROJECT No:	SHEET No:
AS SHOWN	16-0107-026	E02

