

POWER	
	CEILING MOUNTED DUPLEX RECEPTACLE
	DUPLEX RECEPTACLE
	QUADPLEX RECEPTACLE
	RECEPTACLE WITH INTERLOCKING DISCONNECT
	RANGE (RJ) DRYER (D) RECEPTACLE
	SINGLE RECEPTACLE
	240V RECEPTACLE
	SPLIT WIRED DUPLEX RECEPTACLE
	SPECIAL POWER OUTLET (REFER TO SPEC)
	SQUARE JUNCTION BOX
	OCTAGON JUNCTION BOX
	CIRCLE JUNCTION BOX
	RECTANGLE JUNCTION BOX
	FIELD EQUIPMENT
	ELECTRICAL PANELBOARD
	CONDUIT STUB
	CONDUIT HOMERUN
	CONDUIT RUN DOWN
	CONDUIT RUN UP
	GROUND ROD
	EMERGENCY STOP (MUSHROOM HEAD TYPE)
	EQUIPMENT LOAD
	LOCAL DISCONNECT SWITCH
	STARTER

POWER (SINGLE LINE & WIRING DIAGRAM)	
	TRANSFORMER
	UTILITY METER
	PT
	CT
	FUSE
	CIRCUIT BREAKER
	GROUND
	FUSED DISCONNECT SWITCH
	LOCAL DISCONNECT
	STARTER
	CONTACTOR
	NEMA 4X ENCLOSURE
	DISCONNECT SWITCH
	RELAY
	THERMAL OVERLOAD
	TERMINAL BLOCK

GENERAL NOTES	
1.	DEVICE SYMBOLS SHOWN ON THE DRAWINGS AS A "GREY" LINE WEIGHT DENOTES THAT THEY ARE EXISTING.
2.	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.
3.	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.
4.	THE ELECTRICAL SUB CONTRACTOR SHALL UTILIZE EMT CONDUIT WITH WATER TIGHT CONNECTORS INDOORS AND HOT-DIPPED RGS OUTDOORS.
5.	REFER TO MECHANICAL DRAWINGS FOR THE EXACT LOCATION OF MECHANICAL EQUIPMENT.
6.	THE ELECTRICAL SUB CONTRACTOR SHALL PROVIDE LINE VOLTAGE ELECTRICAL CONNECTIONS FOR THE MECHANICAL CONTROLS SUB CONTRACTOR CONTROL PANELS AS REQUIRED. THE EXACT NUMBER OF CONNECTIONS SHALL BE COORDINATED WITH THE MECHANICAL CONTROLS SUB CONTRACTOR PRIOR TO TENDER.
7.	COORDINATE THE EXACT PHASING OF THE WORK WITH THE MECHANICAL SUB CONTRACTOR.
8.	THE ELECTRICAL SUB CONTRACTOR SHALL CORE THROUGH WALLS AND FLOORS AS REQUIRED FOR ANY NEW CONDUIT AND WIRING RUNS.

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 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.

FIRE STOPPING NOTES	
1.	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 "T" RATING NOT LESS THAN THE REQUIRED FIRE PROTECTION RATING OF FIRE SEPARATION.
2.	ELECTRICAL SUB CONTRACTOR SHALL ONLY USE LISTED MATERIALS AND METHODS.
3.	SERVICE PENETRATION AND FIRE STOPPING OF SERVICE PENETRATION IN FIRE SEPARATION AND FIRE RATED ASSEMBLIES SHALL COMPLY WITH THE CURRENT BUILDING CODE.
4.	PROVIDE FOR FIRE STOPS IN CONCEALED SPACES AS REQUIRED BY THE CURRENT BUILDING CODE.
5.	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.

**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 UL/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.

No.	REVISION/DESCRIPTION	BY	DATE
0	ISSUED FOR TENDER	C.L.S.	18.03.08



DATE	USER	APPROVAL
2018/01/18	CLB	CLS

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

PROJECT  
 REPLACEMENT OF ROOF TOP UNITS  
 SERVING LAP POOL  
 AT PAN AM POOL  
 25 POSEIDON BAY

SHEET TITLE  
 ELECTRICAL  
 SYMBOL LEGEND AND  
 GENERAL NOTES

SCALE	PROJECT No:	SHEET No:
AS SHOWN	17-0107-023	E01

