



PARTIAL SINGLE LINE DIAGRAM
SCALE: N.T.S.

LEGEND:

- ELECTRICAL PANELBOARD
- FLOW SWITCH
- CIRCUIT BREAKER
- MOTOR LOAD

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 FIRE ASSEMBLIES ARE TO BE FIRE STOPPED AND SEALED WITH ULC APPROVED FIRE STOPPING TO MAINTAIN THE INTEGRITY OF THE FIRE SEPARATION, AND PROVIDE A 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. GREY LINE WEIGHT DENOTES EXISTING EQUIPMENT OR EQUIPMENT SUPPLIED BY OTHERS.
2. NOT ALL LOADS SHOWN ON SINGLE LINE DIAGRAM.
3. THE ELECTRICAL SUBCONTRACTOR SHALL PROVIDE PHOTO DOCUMENTATION OF THE GROUNDING TO THE CONTRACT ADMINISTRATOR FOR APPROVAL PRIOR TO POURING THE NEW SLAB.
4. THE ELECTRICAL SUBCONTRACTOR SHALL SCAN ALL WALLS PRIOR TO CORING.

KEYNOTES:

1. PROVIDE POWER FOR THE NEW SUMP PUMP CONTROLLER FROM THE LOCAL DISTRIBUTION PANEL.
2. EXTEND CONDUITS AND WIRING FROM THE SUMP PUMP CONTROLLER TO THE NEW NEMA 4 JUNCTION BOXES IN THE LOCKER ROOM AS SHOWN. LOCATE THE NEW JUNCTION BOXES UNDERNEATH THE LOCKER ROOM BENCHES AND PAINT OUT THE NEW CONDUITS TO MATCH THE EXISTING WALL FINISH.
3. EXTEND A 27mm RGS CONDUIT FROM EACH LOCKER ROOM JUNCTION BOX TO THE SUMP PIT FOR THE SUMP'S OEM POWER AND FLOAT SWITCH CABLES. THE NEW CONDUIT SHALL BE SET INTO THE NEW CONCRETE. BOND THE NEW RGS CONDUIT TO THE HATCH AND ALLOW FOR CORING THROUGH THE WALLS AS REQUIRED.
4. PROVIDE A NEW 3ØA, 2P, 1ØKA CIRCUIT BREAKER IN THE EXISTING PANEL AS SHOWN TO FEED THE NEW SUMP CONTROLLER.
5. DISCONNECT AND REMOVE THE EXISTING RECEPTACLE AND ASSOCIATED POWER FEEDER LOCATED WITHIN THE SUMP PIT BACK TO SOURCE AND MAKE SAFE.
6. BOND THE EXISTING EXPOSED CONCRETE SLAB REBAR AND THE NEW ACCESS HATCH TOGETHER. BOND THE FRAME OF THE ACCESS HATCH TO THE DOOR USING A FLEXIBLE BRAIDED COPPER BONDING CONNECTOR. REFER TO THE STRUCTURAL DRAWINGS FOR THE EXACT SCOPE OF CONCRETE WORK. THE ELECTRICAL SUBCONTRACTOR SHALL ALLOW FOR A MINIMUM OF 11 CADWELD CONNECTIONS AS WELL AS TIME TO BREAK AWAY THE CONCRETE FROM THE EXISTING REBAR AS REQUIRED TO MAKE THE CADWELD CONNECTIONS.
7. THE ELECTRICAL SUBCONTRACTOR SHALL TERMINATE THE NEW WIRING TO THE SUMP PUMP CABLES AND SUMP PUMP CONTROLLER AS REQUIRED.

0	ISSUED FOR CONSTRUCTION	CLS	17.07.20
No.	REVISION/DESCRIPTION	BY	DATE

SEAL

DRAWN	SDC	CHECKED	DESIGNED	APPROVED
DATE	17-06-01	USER	APPROVAL	

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

PROJECT
**PROVENCHEUR POOL
SUMP PIT REPLACEMENT**

590 RUE LANGEVIN
SHEET TITLE
**ELECTRICAL
SITE PLAN AND SINGLE LINE DIAGRAM**



SCALE	PROJECT No:	SHEET No:
AS SHOWN	17-0107-007	E01