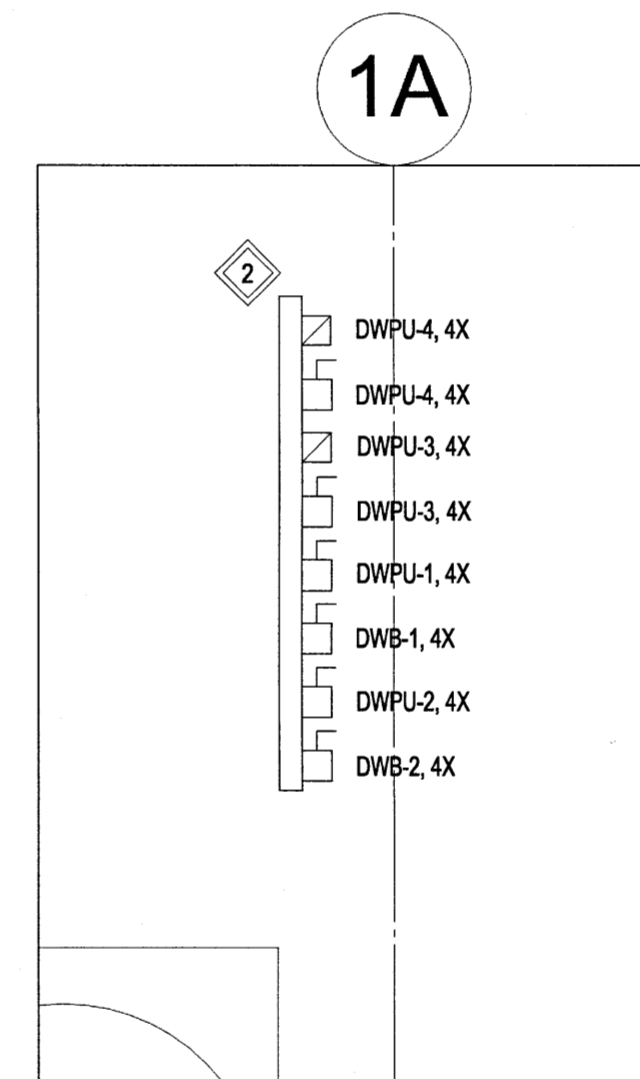


KEY PLAN
SCALE: N.T.S.

LEGEND:

- 30 MOTOR LOAD
- LOCAL DISCONNECT SWITCH
- MOTOR STARTER
- NEMA 4X ENCLOSURE
- WEATHER PROOF



DISCONNECT SWITCH AND STARTER LAYOUT
SCALE: 1:20mm (A1)

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.

GENERAL NOTES:

1. THE MECHANICAL ROOM IS EQUIPPED WITH AN EXISTING CO DETECTOR.
2. GRAY LINE WEIGHT DENOTES EXISTING EQUIPMENT.
3. COORDINATE THE EXACT LOCATION OF MECHANICAL EQUIPMENT WITH THE MECHANICAL DRAWINGS.
4. THE EXISTING BOILER DISCONNECT SWITCHES ARE LOCATED AT BOTH MECHANICAL ROOM EXITS.
5. THE EXISTING BOILER ROOM LIGHTING CIRCUITS ARE BACKED UP BY A STAND BY NATURAL GAS GENERATOR.

KEYNOTES:

1. PROVIDE LINE VOLTAGE POWER CONNECTIONS FOR THE NEW BOILERS (DWB-1,2), BOILER PUMPS (DWPU-1,2), POOL HEAT EXCHANGER PUMPS (PU-7,8) AND HOT WATER RECIRC PUMPS (DWPU-3,4) COMPLETE WITH NEW WIRING, CONDUIT, STARTERS AND LOCAL DISCONNECT SWITCHES AS INDICATED.
2. PROVIDE A UNISTRUT FRAME SUPPORTED AT THE FLOOR AND CEILING TO MOUNT THE NEW DISCONNECT SWITCHES AND STARTERS FOR THE BOILERS (DWB-1,2) AND PUMPS (DWPU-1,2,3,4).
3. PROVIDE LINE VOLTAGE POWER INCLUDING BREAKERS, WIRING AND CONDUIT AS REQUIRED FOR THE NEW CONTROLS. COORDINATE THE EXACT CONTROL POWER REQUIREMENTS WITH THE MECHANICAL CONTROL SUB CONTRACTOR AT TIME OF BID.
4. PROVIDE LINE VOLTAGE CONTROL WIRING FOR THE BOILERS LOW WATER CUT-OFF SWITCH. REFER TO DRAWING E08 DETAIL 'B'.
5. INTERLOCK THE NEW BOILERS (DWB-1,2) WITH THE EXISTING EMERGENCY BOILER SHUT OFF SWITCHES TO SHUT DOWN IN THE EVENT THE EXISTING EMERGENCY BOILER SHUT OFF SWITCH IS SWITCHED. REFER TO DRAWING E08 DETAIL 'B'.

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

SEAL

PROFESSIONAL ENGINEER
SARARAS
Member 32618
NOV. 24, 2016

DRAWN: SDG | CHECKED: [Signature] | DESIGNED: CLS | APPROVED: [Signature]

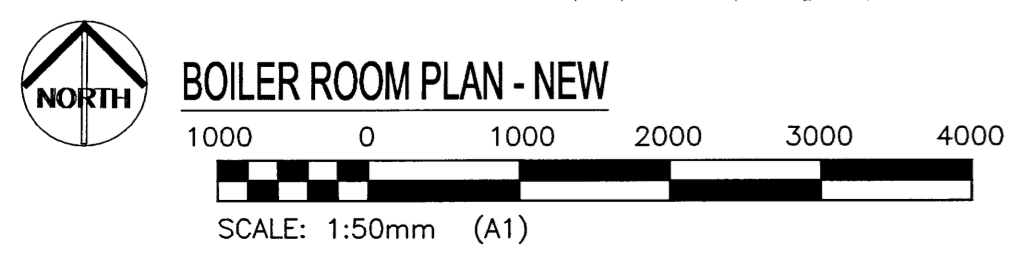
DATE: 2016.11.15 | USER APPROVAL

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
BOILER ROOM PLAN - NEW

SCALE AS SHOWN | PROJECT No: 16-0107-026 | SHEET No: E04



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KGS Group
No. 245

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