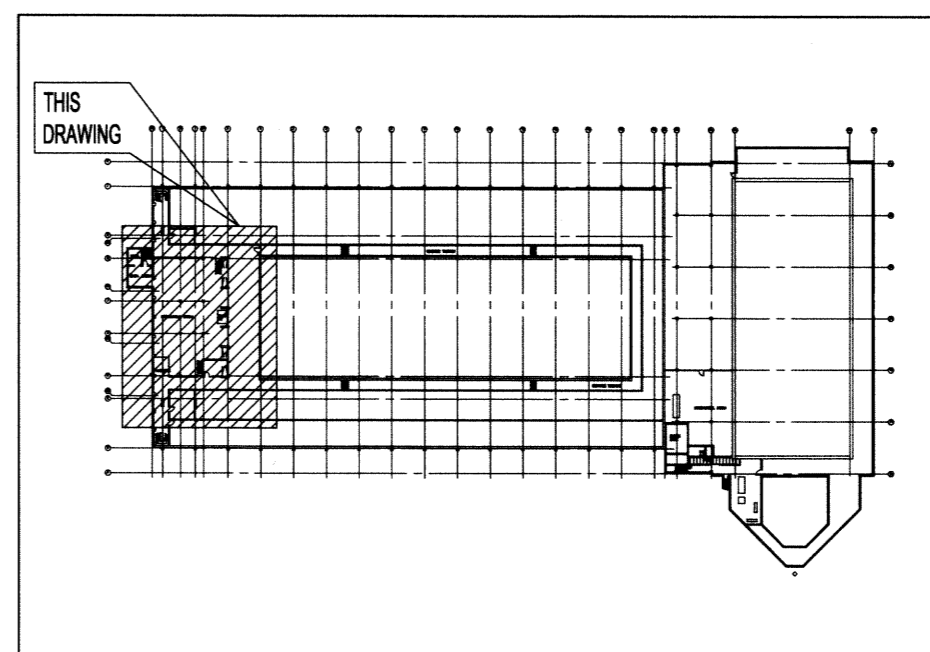


BOILER ROOM PLAN - NEW  
SCALE: 1:75



KEY PLAN  
SCALE: N.T.S.

GENERAL NOTES:

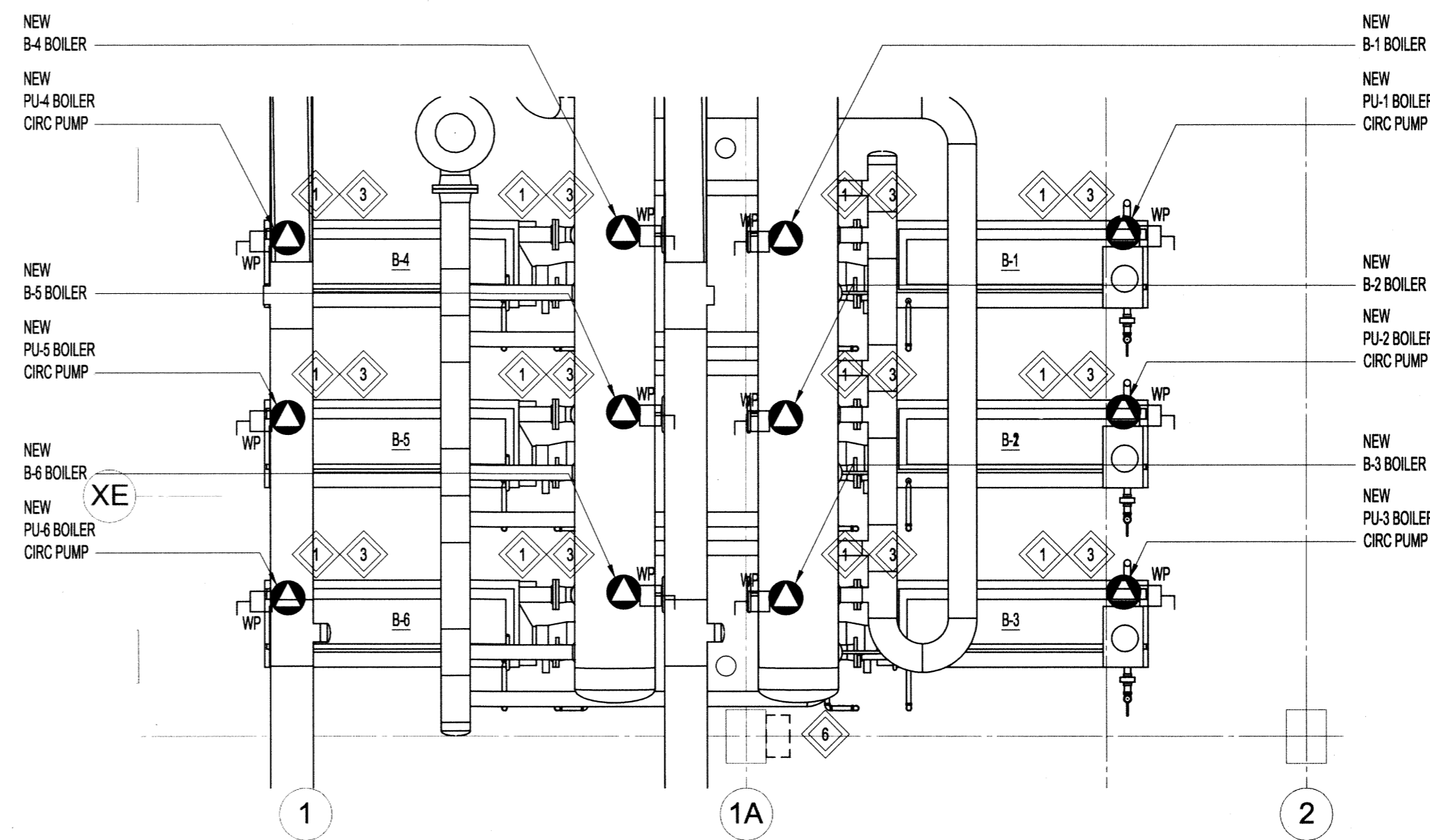
- GREY SHADED LINE WEIGHT DENOTES EXISTING EQUIPMENT OR EQUIPMENT PROVIDED BY OTHERS.
- COORDINATE THE EXACT LOCATION OF MECHANICAL EQUIPMENT WITH THE MECHANICAL DRAWINGS.

KEYNOTES:

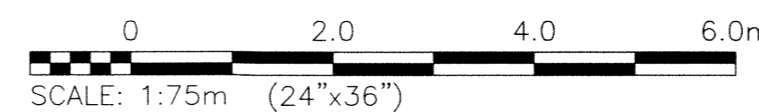
- PROVIDE ALL NEW WIRING AND CONDUIT FROM EXISTING MCC TO THE NEW BOILERS (B-1, B-2, B-3, B-4, B-5, B-6) AND CIRCULATION PUMPS (PU-1, PU-2, PU-3, PU-4, PU-5, PU-6) COMPLETE WITH DISCONNECT SWITCH AS INDICATED.
- PROVIDE NEW EMERGENCY BOILER SWITCHES FOR THE NEW BOILERS (B-1, B-2, B-3, B-4, B-5, B-6). CONTRACTOR TO PROVIDE A NEW BREAKER, AND EXTEND CONDUIT AND WIRING FROM PANEL 'R' AS REQUIRED.
- PROVIDE A UNISTRUT FRAME FROM FLOOR TO CEILING ADJACENT TO EACH BOILER TO RUN WIRING AND MOUNT THE NEW DISCONNECT SWITCHES FOR THE BOILERS (B-1, B-2, B-3, B-4, B-5, B-6) AND CIRCULATION PUMPS (PU-1, PU-2, PU-3, PU-4, PU-5, PU-6).
- PROVIDE LINE VOLTAGE POWER INCLUDING DEDICATED BREAKERS, WIRING AND CONDUIT AS REQUIRED FOR THE NEW CONTROLS. COORDINATE THE EXACT CONTROL POWER REQUIREMENTS WITH THE MECHANICAL CONTRACTOR AT TIME OF BID.
- CONTRACTOR TO RELOCATE EXISTING WIRING AS REQUIRED FOR THE INSTALLATION OF THE NEW CHIMNEY. COORDINATE THE EXACT PATH OF THE CHIMNEY WITH THE MECHANICAL CONTRACTOR PRIOR TO BIDS.
- PROVIDE LINE VOLTAGE POWER FOR THE BOILER INTERLOCK PANEL FROM PANEL 'R' AND COORDINATE THE EXACT LOCATION OF THE PANEL WITH THE MECHANICAL CONTRACTOR. PROVIDE BREAKERS, CONDUIT AND WIRING AS REQUIRED.
- REINSTALL THE EXISTING 4' FLUORESCENT FIXTURES BENEATH THE NEW CHIMNEY AND PIPING TO SUIT THE NEW LAYOUT. COORDINATE THE NEW CHIMNEY AND PIPING LAYOUT WITH THE MECHANICAL CONTRACTOR. EXTEND EXISTING WIRING AND PROVIDE NEW SUPPORTS AS REQUIRED.

LEGEND:

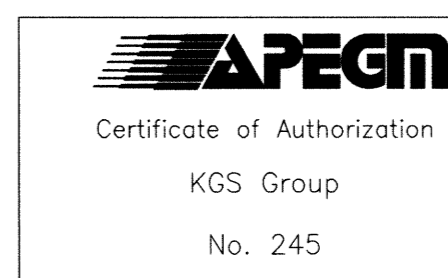
- 3Ø MOTOR LOAD
- DISCONNECT SWITCH
- EMERGENCY SHUTOFF SWITCH
- EMERGENCY PUSH BUTTON



A BOILERS PLAN DETAILED VIEW  
SCALE: N.T.S.



SCALE: 1:75m (24"x36")



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 A SMOKE-TIGHT BARRIER. EXISTING OPENINGS THROUGH FIRE SEPARATIONS THAT ARE NOT CURRENTLY FIRE STOPPED TO BE DEALT WITH UNDER SEPARATE CONTRACT.
- 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.

WORK SEQUENCE - EXISTING BOILER B-3 REMOVAL:

- EXISTING BOILER B-3 SHALL REMAIN IN OPERATION UNTIL NEW BOILERS B-1, B-2 AND B-3 ARE COMMISSIONED.
- EXISTING BOILER B-3 AND REMAINDER OF EXISTING CHIMNEY CONTAINS ASBESTOS. ASBESTOS ABATEMENT WOULD BE CONDUCTED BY THE CITY UPON COMMISSIONING OF NEW BOILERS B-1, B-2, AND B-3. CONTRACTOR SHALL PROVIDE A THREE WEEK ADVANCED NOTICE OF THE FIRM COMMISSIONING COMPLETION DATE TO THE CONTRACT ADMINISTRATOR. ASBESTOS ABATEMENT WOULD TAKE 2 WEEKS TO COMPLETE.
- IMMEDIATELY UPON COMPLETION OF ABATEMENT, REMOVE EXISTING BOILER CHIMNEY AND INSTALL THE 2nd CHIMNEY AND COMMISSION NEW BOILERS B-4, B-5 AND B-6.
- DECOMMISSION AND REMOVE EXISTING BOILER B-3.
- REMOVAL OF THE EXISTING BOILER, CHIMNEY, AND INSTALLATION OF NEW CHIMNEY SHALL BE DONE AFTER NORMAL OPERATING HOURS OF THE POOL.

No.	REVISION/DESCRIPTION	BY	DATE
0	ISSUED FOR TENDER		16.05.20

SEAL



DRAWN	CHECKED	DESIGNED	CLS	APPROVED
DATE	2016.05.04	USER	APPROVAL	

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

PROJECT  
PAN AM POOL  
REPLACEMENT OF BOILERS

25 POSEIDON BAY  
SHEET TITLE  
ELECTRICAL  
BOILER ROOM PLAN  
NEW

SCALE	PROJECT No:	SHEET No:
AS SHOWN	16-0107-008	P1_E04

DRAWING SHEET SIZE: A1 (841mm x 594mm) PLOT 1:1