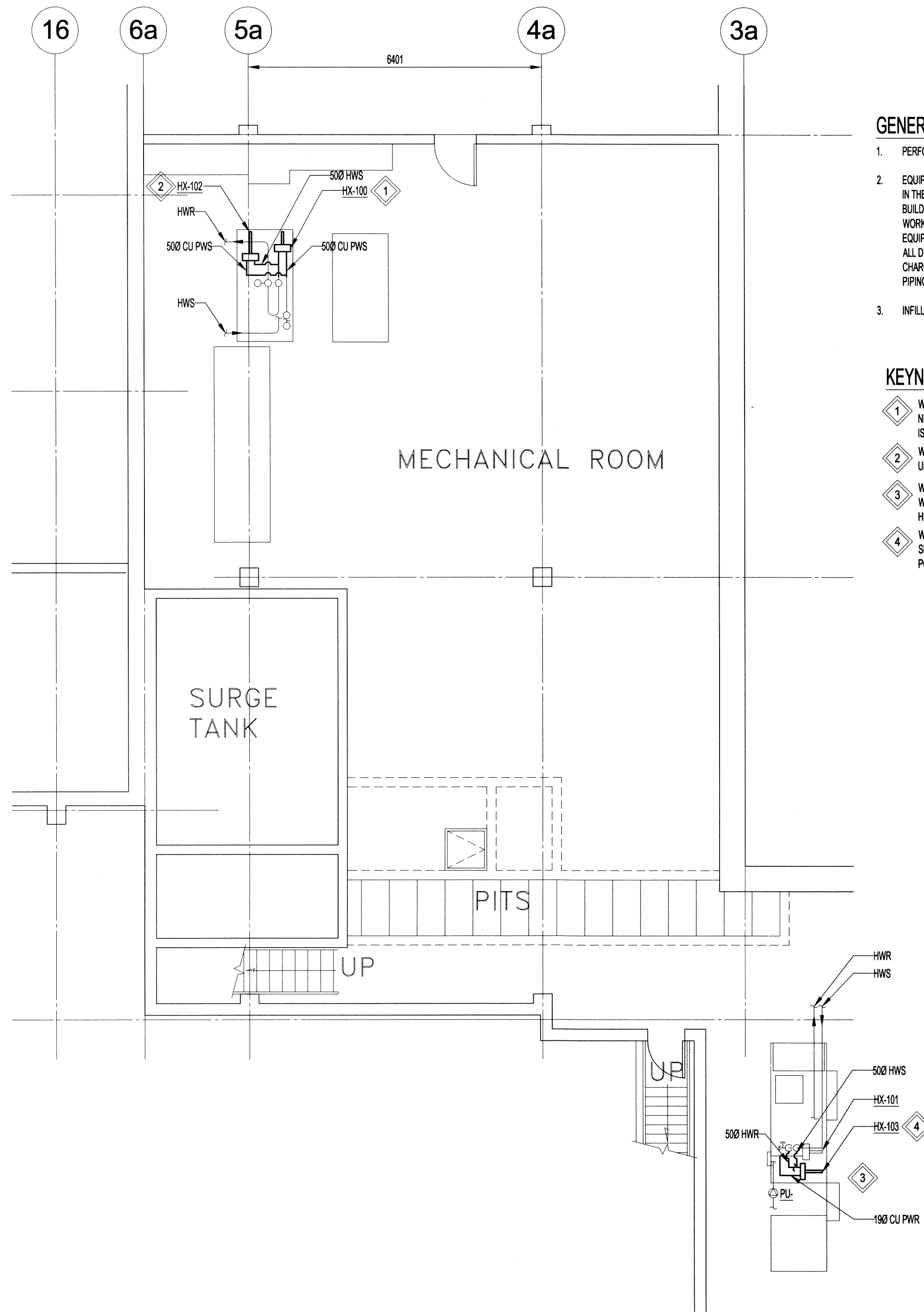
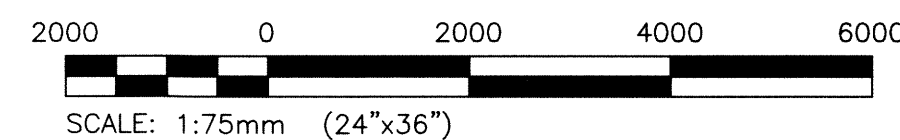


MECHANICAL ROOM PLAN - DEMOLITION
SCALE 1:75



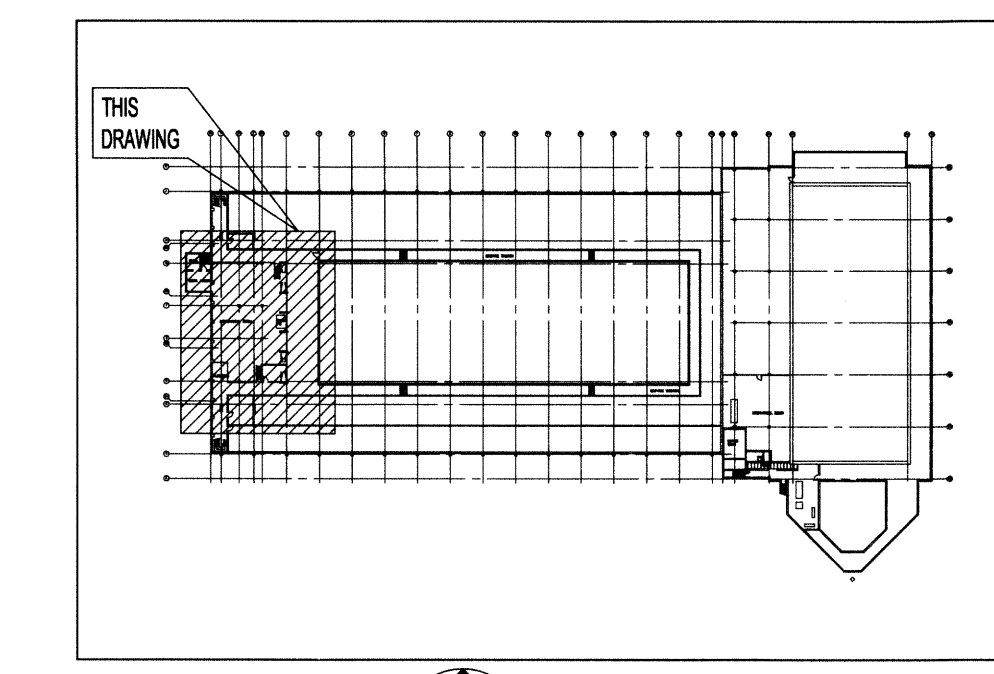
MECHANICAL ROOM PLAN - NEW
SCALE 1:75

SCALE VERIFIED BY: *MAP*



APEGN
Certificate of Authorization
KGS Group
No. 245

KGS GROUP
CONSULTING ENGINEERS



GENERAL NOTES:

- PERFORM WORK IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS.
- EQUIPMENT LOCATIONS, DUCT, AND PIPE ROUTING INDICATED ON THE DRAWINGS IS APPROXIMATE ONLY. CONFIRM IN THE FIELD. REROUTE DUCTWORK AND PIPING AS REQUIRED TO ELIMINATE FIELD INTERFERENCES. WITH BUILDING STRUCTURES, ELECTRICAL, ETC. CONFIRM CHANGES WITH CONTRACT ADMINISTRATOR. COORDINATE WORK WITH ALL SUBTRADES. WHERE DIMENSIONS ARE INDICATED FOR PIPING, DUCTWORK, DUCT SIZES, EQUIPMENT SIZES, ETC. THESE ARE FOR BIDDING PURPOSES ONLY. THE CONTRACTOR IS RESPONSIBLE TO VERIFY ALL DIMENSIONS IN THE FIELD PRIOR TO ORDERING EQUIPMENT AND COMMENCING INSTALLATION WITHOUT EXTRA CHARGES TO THE PROJECT. THE CONTRACTOR IS RESPONSIBLE TO ENSURE ALL EQUIPMENT, DUCTWORK, AND PIPING FITS IN THE SPACE AVAILABLE AND TO MAINTAIN THE GENERAL DESIGN INTENT FOR THE SYSTEMS.
- INFILL ALL PENETRATIONS AFTER REMOVAL OF PIPING, DUCTWORK, ETC. AND FINISH TO MATCH EXISTING.

KEYNOTES:

- WORK TO BE COMPLETED DURING SHUT DOWN: RELOCATE EXISTING HEAT EXCHANGER HX-100 AS SHOWN IN NEW PLAN. EXTEND PIPING AS REQUIRED. PROVIDE NEW ISOLATION VALVES AND UNIONS. PROVIDE TEES AND ISOLATION VALVES FOR INSTALLATION OF HX-102.
- WORK TO BE COMPLETED AFTER SHUTDOWN ENDS: INSTALL NEW HEAT EXCHANGER HX-102 AS SHOWN. PROVIDE NEW PIPING CW UNIONS TIE INTO ISOLATION VALVES. WORK SHALL NOT REQUIRE POOL SHUTDOWN.
- WORK TO BE COMPLETED DURING SHUTDOWN: TEE IN BRANCH LINES TO EXISTING HEATING AND POOL WATER PIPING. PROVIDE NEW ISOLATION VALVES FOR EXISTING HEAT EXCHANGER HX-101 AND NEW HEAT EXCHANGER HX-103.
- WORK TO BE COMPLETED AFTER SHUTDOWN ENDS: INSTALL NEW HEAT EXCHANGER HX-103 AS SHOWN. PROVIDE PIPING CW UNIONS AND TIE INTO ISOLATION VALVES. WORK SHALL NOT REQUIRE POOL SHUTDOWN.

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 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.

LEGEND:

—	NEW EQUIPMENT/PIPING
---	EXISTING EQUIPMENT/PIPING
HWS	HOT WATER SUPPLY
HWR	HOT WATER RETURN
FD	FLOOR DRAIN
PL	PUMP
HX	HEAT EXCHANGER
PWS	POOL WATER SUPPLY
PWR	POOL WATER RETURN
CU	COPPER

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



DATE	USER	APPROVAL
2016.04.14		

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

PROJECT
REPLACEMENT OF BOILERS AND
POOL WATER HEAT EXCHANGERS AT
PAN AM POOL
25 POSEIDON BAY

SHEET TITLE
MECHANICAL
MECHANICAL ROOM PLAN
DEMOLITION & NEW

SCALE	PROJECT No:	SHEET No:
AS SHOWN	16-0107-008	P1_M05