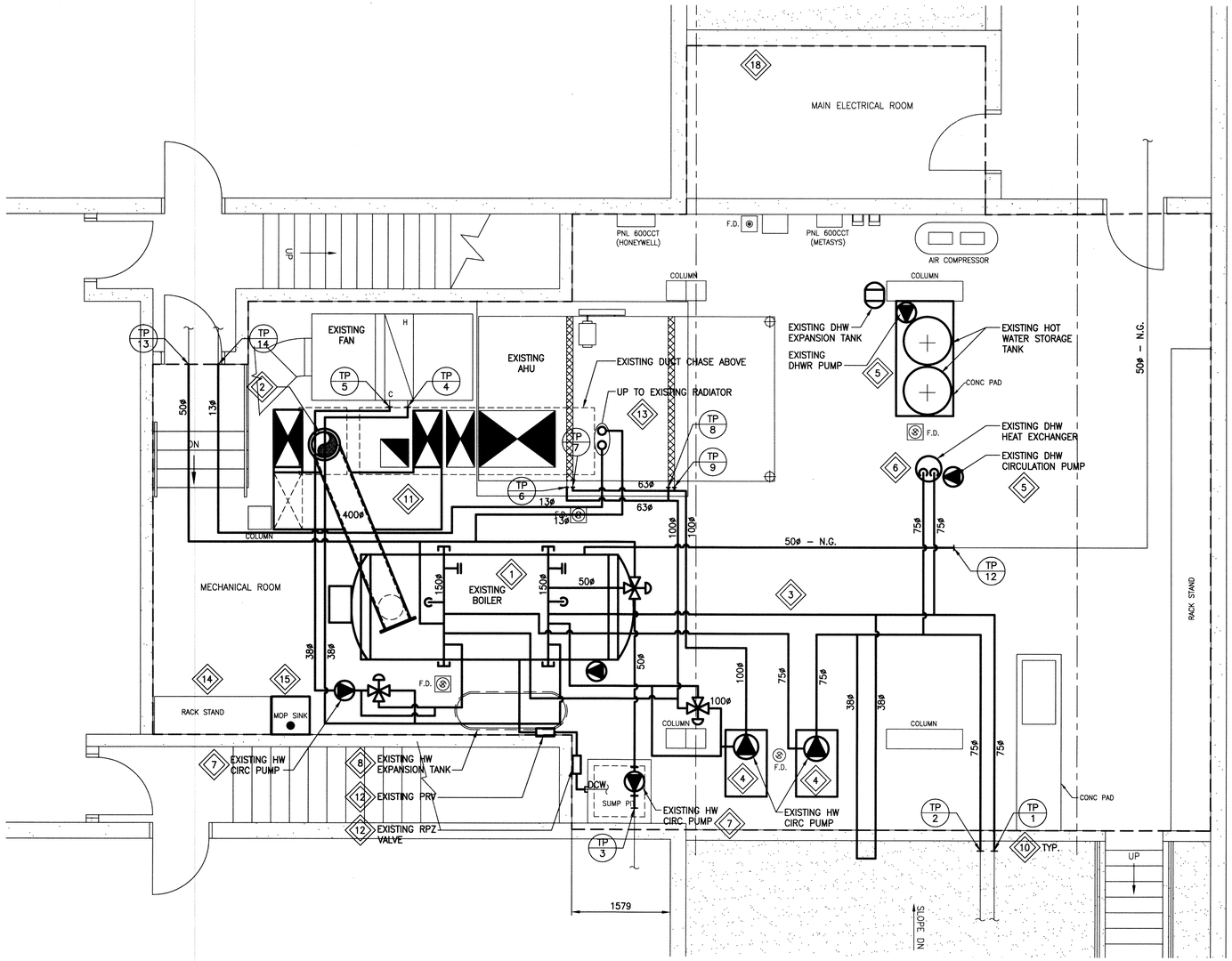
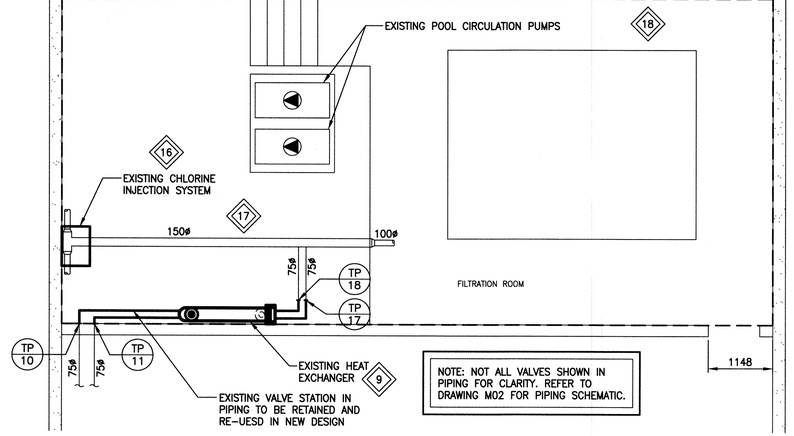


1 — BASEMENT MECHANICAL ROOM PLAN – DEMOLITION

800 0 800 1600 2400 3200

SCALE: 1:40mm



2 — BASEMENT FILTRATION ROOM PLAN – DEMOLITION

1000 0 1000 2000 3000 4000

SCALE: 1:50mm

LEGEND:

———	PIPING/EQUIPMENT TO BE REMOVED OR RELOCATED
———	EXISTING PIPING/EQUIPMENT TO REMAIN
TP 1	TIE–IN POINT
N.G.	NATURAL GAS
F.D.	FLOOR DRAIN
DCW	DOMESTIC COLD WATER
DHW	DOMESTIC HOT WATER
DHWR	DOMESTIC HOT WATER RECIRC.
HW	HOT WATER
PRV	PRESSURE REDUCING VALVE
RPZ	REDUCED PRESSURE ZONE VALVE

KEYNOTES:

1. REMOVE EXISTING BOILER. REMOVE ALL RELATED CONTROLS, WIRING, CIRCULATION PUMP AND ASSOCIATED VALVES.
2. REMOVE ENTIRE EXISTING BOILER CHIMNEY SYSTEM. EXISTING CHASE TO BE USED TO ROUTE NEW BOILER CHIMNEYS TO ROOF.
3. REMOVE EXISTING PIPING AND PIPE INSULATION. ENSURE ALL ASBESTOS ABATEMENT HAS BEEN COMPLETED BEFORE PROCEEDING WITH THE WORK.
4. REMOVE EXISTING PUMPS AND ASSOCIATED VALVES. EXISTING CONCRETE HOUSEKEEPING PADS TO BE REMOVED OR MODIFIED TO SUIT NEW EQUIPMENT LOCATIONS. REFER TO DRAWING M03 FOR DETAILS. REFINISH CONCRETE TO MATCH EXISTING.
5. EXISTING DOMESTIC WATER SYSTEM COMPLETE WITH 2 STORAGE TANKS, 2 PUMPS, EXPANSION TANK AND ALL ASSOCIATED PIPING AND VALVES TO BE RE–USED & RELOCATED. REFER TO DRAWING M03 FOR NEW LOCATION. EXISTING CONCRETE PADS TO BE REMOVED OR MODIFIED TO SUIT NEW EQUIPMENT. REFINISH CONCRETE TO MATCH EXISTING.
6. REMOVE EXISTING DOMESTIC HOT WATER HEAT EXCHANGER. EXISTING CONTROLS SHALL BE RETAINED.
7. REMOVE EXISTING CIRCULATION PUMP.
8. EXISTING EXPANSION TANK TO REMAIN IN CEILING SPACE AND BE RE–USED IN NEW DESIGN.

GENERAL NOTES:

1. PERFORM WORK IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS.
2. DISPOSE OF ALL REMOVED EQUIPMENT, DUCTWORK AND PIPING OFF SITE. CONFIRM WITH CONTRACT ADMINISTRATOR IF ANY REMOVED EQUIPMENT IS TO BE TURNED OVER TO THE CITY.
3. ASBESTOS ABATEMENT IS NOT PART OF THIS CONTRACT. COORDINATE WITH CONTRACT ADMINISTRATOR FOR START DATE.
4. PATCH AND MAKE GOOD ALL FLOOR, WALL AND ROOF PENETRATIONS REMAINING AFTER EQUIPMENT, PIPING, ETC. IS REMOVED. FIRE SEAL WHERE APPROPRIATE.

KEYNOTES CONT'D:

9. REMOVE EXISTING POOL WATER HEAT EXCHANGER. EXISTING VALVES AND CONTROLS TO REMAIN IN PLACE.
10. REMOVE PIPING TO POINT SHOWN. NEW PIPING TO TIE INTO EXISTING AT THIS POINT.
11. REMOVE EXISTING COMBUSTION AIR DUCT FROM MECHANICAL ROOM AND DUCT SHAFT. REFER TO DRAWING M02 FOR CONTINUATION OF DUCT.
12. REMOVE EXISTING MAKE–UP WATER SYSTEM CONNECTED TO DOMESTIC WATER LINE. REMOVE ALL ASSOCIATED VALVES, PIPING AND ACCESSORIES INCLUDING RPZ VALVE AND PRV. CAP EXISTING DOMESTIC WATER LINE AT HIGH LEVEL. MAINTAIN WATER SUPPLIES TO MOP SINK.
13. REMOVE PIPING UP TO UNDERSIDE OF FLOOR. NEW PIPING TO CONNECT TO RADIATOR IN NEW DESIGN.
14. EXISTING RACK STAND TO BE MODIFIED BY THE CITY TO ACCOMMODATE NEW FLOOR PLAN.
15. EXISTING MOP SINK TO BE RELOCATED TO ACCOMMODATE NEW EQUIPMENT. REFER TO DRAWING M03 FOR DETAILS.
16. EXISTING CHLORINE INJECTION SYSTEM TO BE RELOCATED. REFER TO DRAWING M03 FOR NEW LOCATION.
17. EXISTING PIPING TO BE MODIFIED TO SUIT NEW UV SYSTEM. REFER TO DRAWINGS M02 AND M06 FOR DEMOLITION AND NEW PIPING SCHEMATICS. REMOVE LOOSE PIPING NOT CONNECTED TO ANY SYSTEM.
18. BOUNDARY OF WORK AREA.

SCALE VERIFIED BY: _____

APEGM Certificate of Authorization KGS Group No. 245

NO.	REVISIONS	DATE	BY
1	RE–ISSUED FOR TENDER	12/02/28	RED
0	ISSUED FOR TENDER	12/02/24	RED

B.M. .
ELEV. .

KGS GROUP — CONSULTING ENGINEERS & PROJECT MANAGERS
WINNIPEG (204) 896–1209
THUNDER BAY (807) 345–2233

DESIGNED BY SHC	CHECKED BY
DRAWN BY RLR/TJC	APPROVED BY
HOR. SCALE: AS SHOWN VERTICAL: .	RELEASED FOR CONSTRUCTION:
DATE .	DATE

ENGINEER'S SEAL
THE ORIGINAL ISSUE REV. 0 WAS STAMPED, DATED AND SIGNED BY:
R.B. BODNAR, P.ENG
ON 2012/02/24

CONSULTANT DRAWING NO. M01

Winnipeg — THE CITY OF WINNIPEG
PLANNING, PROPERTY & DEVELOPMENT

PROJECT TITLE
ST. JAMES CENTENNIAL POOL
644 PARKDALE STREET
BID OPPORTUNITY: 45–2012
UPGRADE HYDRONIC HEATING SYSTEM

BASEMENT MECHANICAL ROOM PLAN – DEMOLITION

SHEET 001 OF 006
COMPUTER FILE NAME 11–0107–32–M01
CITY DRAWING NUMBER