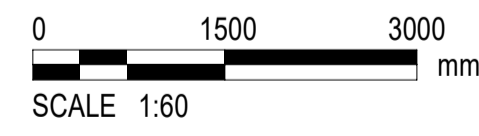


1 MAIN FLOOR - PLUMBING  
P3-M301 SCALE: 1:60

- GENERAL DRAWING NOTES**
- 1 50 DOMESTIC POTABLE COLD WATER MAIN RISER.
  - 2 75 FLUSHING WATER (W3 WATER) UP TO SECOND LEVEL.
  - 3 75 GHS UP TO SECOND LEVEL MECHANICAL RM.
  - 4 75 GHR UP TO SECOND LEVEL MECHANICAL RM.
  - 5 50 DOMESTIC HOT WATER MAIN RISER.
  - 6 PROVIDE ISOLATION VALVES FOR ALL REELS AND HOSE BIBBS.
  - 7 20 DOMESTIC COLD WATER TO POLYMER DOSING UNIT IN POLYMER RM.
  - 8 50 SANITARY LINE UP FOR MECHANICAL ROOM FLOOR DRAIN.
  - 9 75 SANITARY LINE TIGHT TO U/S OF STRUCTURE.
  - 10 50 SANITARY LINE UP FOR AHU - P 6004 CONDENSATE DRAIN C/W TRAP.
  - 11 50 SANITARY LINE UP FOR AHU - P 6001 AND P 6002 CONDENSATE DRAIN C/W TRAP.
  - 12 40 SANITARY LINE FOR HOT WATER TANK PRV DISCHARGE C/W TRAP.
  - 13 75 SANITARY LINE DOWN TO BASEMENT B-002.
  - 14 20 HOT WATER RECIRCULATING LINE BACK UP TO MECHANICAL ROOM RECIRCULATING PUMP.
  - 15 40 SANITARY LINE UP FOR AHU - P 6001-1 (MAKE-UP AIR UNIT 1) CONDENSATE DRAIN C/W TRAP.
  - 16 20 SS OPEN ENDED W3 FLUSH WATER PIPE. EXTEND 200MM FROM 'T'
  - 17 50 SS W3 FLUSH WATER PIPE CONNECTED TO BASEMENT 75 FLUSH WATER MAIN DISTRIBUTION LINE. C/W ISOLATION VALVE.
  - 18 50 SS W3 FLUSH WATER PIPE C/W CAM LOCK CONNECTION, AND SHUT OFF VALVE FOR HOSE WASH DOWN.
  - 19 ELECTRONIC TRAP PRIMER SYSTEM.
  - 20 40 SANITARY TERMINATE TO NEAREST VENT LINE.
  - 21 PLACE HYDRONIC PIPING BEHIND DUCTWORK TIGHT TO WALL.
  - 22 LONG STEM VALVE C/W VALVE BOX.

- GENERAL NOTES:**
1. PROVIDE AN APPROVED FIRE STOPPING SYSTEM FOR ALL MECHANICAL PENETRATIONS THROUGH FIRE RATED WALLS AND FLOORS. COORDINATE WITH ARCHITECTURAL FOR FIRE RATED AREAS AND FIRE RATED WALLS.
  2. PROVIDE SIGNAGE FOR ALL W3 WATER HOSE REELS AND OUTDOOR HOSE BIBBS.
  3. PROVIDE SIGNAGE FOR ALL W3 WATER CONNECTED TO PROCESS EQUIPMENT AND EQUIPMENT PIPING WITH DEDICATED W3 WATER DISTRIBUTION.
  4. ALL SANITARY FLOOR DRAINS C/W TRAP AND TO BE TRAPPED PRIMERED.



TENDER NO. 463-2022

DWG NO.	CITY DWG NO.	REFERENCE DRAWING TITLE
A0-M701	1-0101-MDTL-A001 001	DETAILS AND SCHEMATICS
A0-M702	1-0101-MDTL-A001 002	DETAILS AND SCHEMATICS
A0-M703	1-0101-MDTL-A001 003	DETAILS AND SCHEMATICS
A0-M704	1-0101-MDTL-A001 003	DETAILS AND SCHEMATICS
P3-M101	1-0101-MGAD-P602 001	LOWER LEVEL PLUMBING & HVAC FLOOR PLAN
P3-M102	1-0101-MGAD-P603 001	MAIN LEVEL PLUMBING & HVAC FLOOR PLAN
P3-M103	1-0101-MGAD-P604 001	SECOND LEVEL PLUMBING & HVAC FLOOR PLAN
P3-M104	1-0101-MGAD-P605 001	LOWER LEVEL VENTILATION PLAN
P3-M105	1-0101-MGAD-P606 001	MAIN LEVEL VENTILATION PLAN
P3-M106	1-0101-MGAD-P607 001	SECOND LEVEL VENTILATION PLAN
P3-M107	1-0101-MGAD-P608 001	ROOF HVAC PLAN
P3-M301	1-0101-MGAD-P609 001	SECTIONS
P3-M302	1-0101-MGAD-P609 002	SECTIONS
P3-M401	1-0101-MSCH-P601 001	PLUMBING SCHEDULES
P3-M402	1-0101-MSCH-P601 001	HVAC SCHEDULES

		DESIGNED BY: BW / DJP		CHECKED BY: BP	
		DRAWN BY: DJP		APPROVED BY: NW	
SCALE: 1:60		DATE: 2020-12-09		RELEASED FOR CONSTRUCTION BY: DATE:	
01 ISSUED FOR ADDENDUM 5		2023-11-17	BW	BP	CONSULTANT NO.: P3-M102
00 ISSUED FOR TENDER		2023-08-17	BW	BP	
NO.	REVISIONS	DATE	DESIGN	CHECK	

ENGINEER'S SEAL

**THE CITY OF WINNIPEG**  
WATER AND WASTE DEPARTMENT

NORTH END SEWAGE TREATMENT PLANT  
PRIMARY CLARIFICATION PROJECT  
MECHANICAL  
MAIN LEVEL  
PLUMBING & HVAC FLOOR PLAN

CITY DRAWING NUMBER: 1-0101-MGAD-P603  
SHEET: 001  
REV: 01  
SIZE: A1