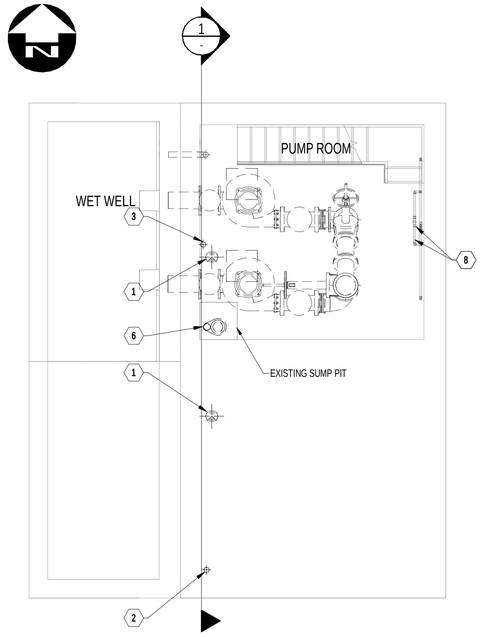
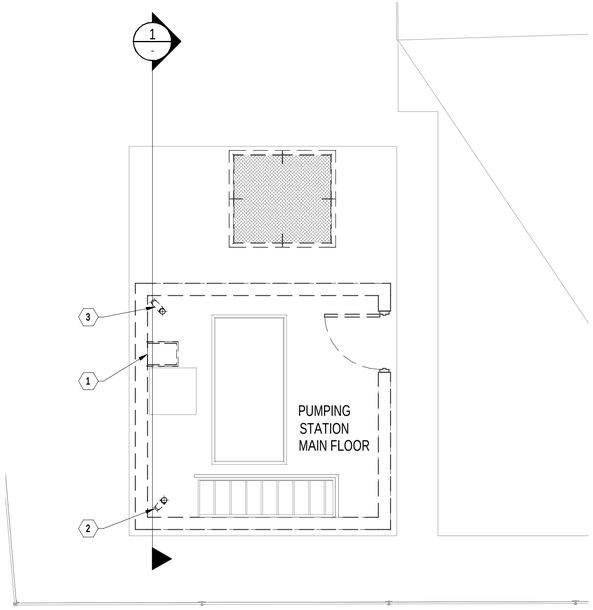
A1 SIZE - 594mm x 847mm



DEMOLITION PLAN - PUMP ROOM

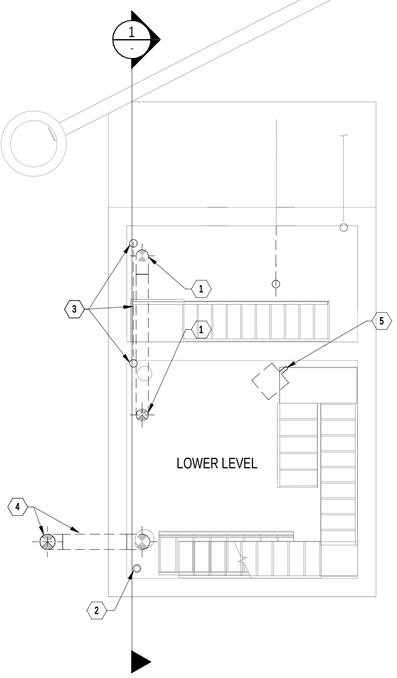
SCALE: 1 : 50

DRAWING KEYNOTES	
1	REMOVE EXISTING FRESH AIR SUPPLY FAN, WALL AIR INTAKE LOVER AND ASSOCAITED DUCTWORK AND CONTROLS.
2	REMOVE EXISTING 75 mm DIA VENT/ROOF DRAIN.
3	REMOVE EXISTING 75 mm DIA VENT.
4	EXISTING 250 mm VENT FROM COMMINUTOR CHAMBER TO OUTDOORS TO REMAIN. AS INDOOR PORTION ONLY. OUTDOOR PORTION OF THE VENT TO BE REMOVED, AT PRACTICAL POINT TO ALLOW INDOOR EXTENSION. WALL OPENING TO SEAL.
5	DISCONNECT AND REMOVE EXISTING ELECTRIC UNIT HEATER WITH ALL ASSOCIATED CONTROLS.
6	DISCONNECT AND REMOVE EXISTING SUMP PUMP IN PUMP ROOM WITH ALL ASSOCIATED CONTROLS. THE EXISTING DISCHARGE PIPING TO BE ACCESSED FOR CONDITION AND REPLACED WITHIN REQUIRED LIMITS. AS REQUIRED REFER TO NEW INSTALLATIOIN DWGS. FOR NEW SUMP PUMP AS REPLACEMENT INCLUDING PIPING.
7	DISCONNECT AND REMOVE EXISTING DOMESTIC WATER FLOW METER/BACKFLOW PREVENTOR TRAIN. REPLACE THE REMOVED PIPING SECTION AND PLUMBING EQUIPMENT WITH NEW SECTION OF PVC PIPE TO LIMITS AS REQUIRED.
8	REMOVE EXISTING PRV, PARTIAL WATER PIPING WITH ISOLATION VALVES TO PUMPS GLAND SEALS TO THE LIMITS ALLOWING NEW PUMPS GLAND SEAL WATER LINES NSTALLATION WITH NEW CONTROL VALVE TRAINS.
9	EXISTING DOMESTIC WATER PLUMBING LINES REMAIN.
10	EXISTING DOMESTIC WATER PLUMBING LINE TO REMOVE TO REQUIRED LIMITS ALLOWING NEW WATER METER TRAIN INSTALLATION ON MAIN FLOOR.
11	DOSCONNECT AND REMOVE EXISTING SUMP PUMP IN COMMINUTOR CHAMBER WITH ALL ASSOCIATED CONTROLS. THE EXISTING DISCHARGE PIPING TO BE ACCESSED FOR CONDITION AND REPLACED WITHIN REQUIRED LIMITS AS REQUIRED. REFER TO NEW INSTALLATIOIN DWGS. FOR NEW SUMP PUMP AS REPLACEMENT INCLUDING PIPING.



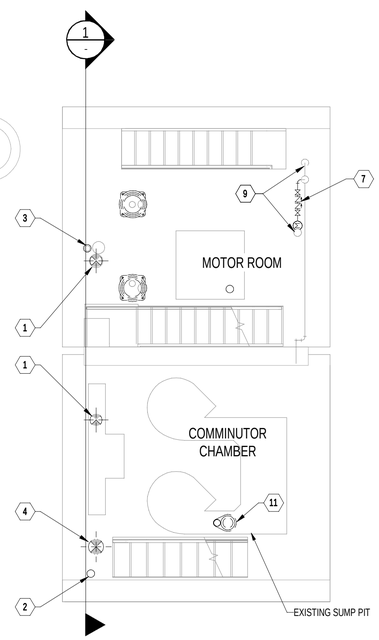
DEMOLITION PLAN - MAIN FLOOR

SCALE: 1 : 50



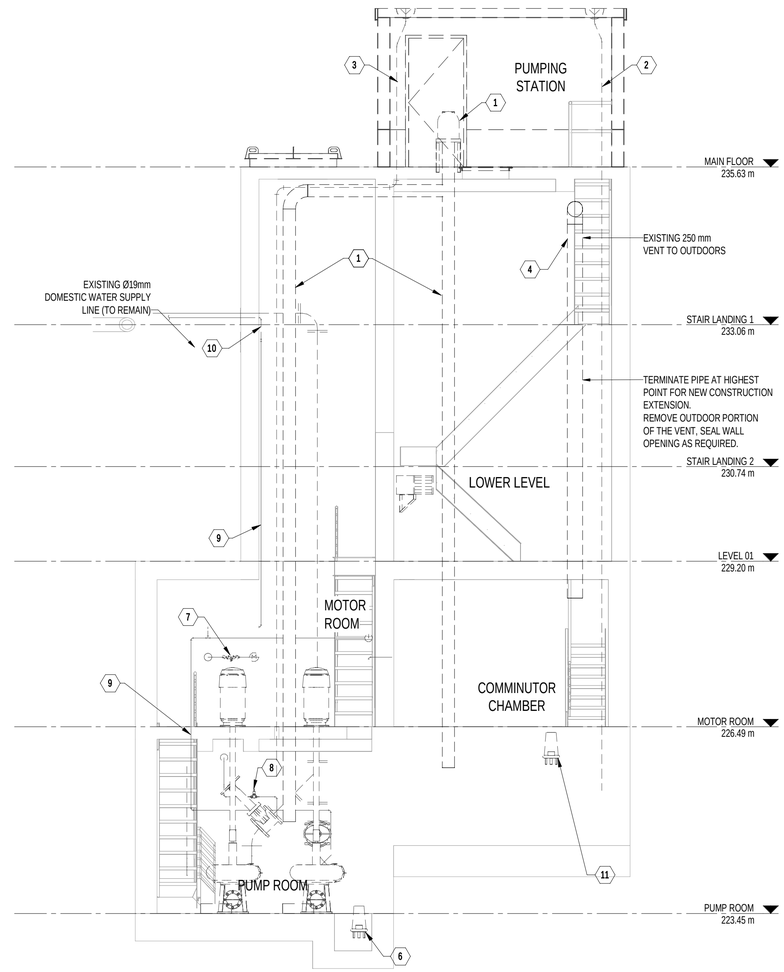
DEMOLITION PLAN - LOWER LEVEL

SCALE: 1 : 50



DEMOLITION PLAN - MOTOR ROOM & COMMINUTOR CHAMBER

SCALE: 1 : 50



1 DEMOLITION SECTION

SCALE: 1 : 50

DRAWING NUMBER	REFERENCE DRAWINGS
1-0178L-P0001	PROCESS AND INSTRUMENTATION DIAGRAM HVAC SYSTEM FLOW
1-0178L-M0005	MECHANICAL PLAN LAYOUT AND SECTIONS HVAC AND PLUMBING
1-0178L-M0006	MECHANICAL DETAILS AND GENERAL NOTES HVAC AND PLUMBING
1-0178L-M0010	MECHANICAL EQUIPMENT SCHEDULES HVAC AND PLUMBING
1-0178L-M0011	MECHANICAL EQUIPMENT SCHEDULES HVAC AND PLUMBING

NOT FOR CONSTRUCTION

ISSUED FOR TENDER

1.0m 500 0 1.0m 2.0m

SCALE: 1:50

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
Dillon Consulting Limited (MB)
No. 1789 Date: 21.07.2023

NO.	REVISIONS	DATE	DESIGN	CHECK
0	ISSUED FOR TENDER	2023/07/20	SA	BLM

DILLON CONSULTING

DESIGNED BY: SA	CHECKED BY: BLM
DRAWN BY: HL	APPROVED BY: BLM
SCALE: 1 : 50	RELEASED FOR CONSTRUCTION BY: DATE:
DATE: JUL. 2023	
CONSULTANT NO: 22-3229	

ENGINEER'S SEAL

PROVINCE OF MANITOBA
V. AFANASEV
Member
32647
REGISTERED PROFESSIONAL ENGINEER

21.07.2023
Rev. 0

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

RIVERBEND LIFT PUMPING STATION
2023 UPGRADES

MECHANICAL HVAC AND PLUMBING
DEMOLITION

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0178L-M0002	001	0	A1

DILLON CONSULTING LIMITED 1558 WILLSON PLACE, WINNIPEG, MANITOBA, R3T 0Y4, PHONE (204) 453-2301, FAX (204) 452-4412

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