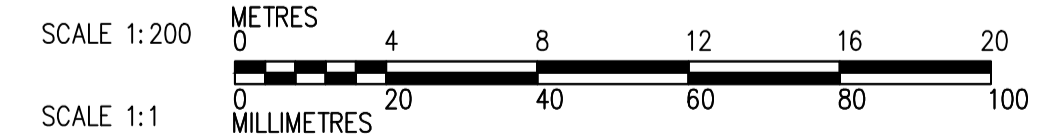


**KEY PLAN**  
NOT TO SCALE  
UNHATCHED AREAS DENOTES EXTENTS SHOWN ON DRAWING

MECHANICAL LEGEND	
	NEW PRIMARY STORM WATER DRAINAGE ABOVE FLOOR OR GRADE
	NEW SECONDARY STORM WATER DRAINAGE ABOVE FLOOR OR GRADE
	EXISTING PRIMARY STORM WATER DRAINAGE ABOVE FLOOR OR GRADE TO REMAIN
	EXISTING PRIMARY STORM WATER DRAINAGE BELOW FLOOR OR GRADE TO REMAIN
	PIPE CAP
	DIRECTION OF FLOW
	CLEANOUT
	ROOF DRAIN
	VENT
	SANITARY VENT
	VENT PIPE WITH METAL FLASHING
	EXHAUST FAN UNIT, CURBED
	FLUE VENT, CURBED
	GOOSE NECK VENTING, CURBED
	LOUVERED VENT HOOD, CURBED
	SCUPPER
	PLUMBING FIXTURE DESIGNATION
	FIRE STANDPIPE
	ROOF LADDER
	PLUMBING RISER REFERENCE - REFER TO DRAWINGS 1-0601B-H0038-001 AND 1-0601B-H0039-001 FOR SCHEMATICS



**PLUMBING - FIRST FLOOR PLAN - NEW CONSTRUCTION**  
1 : 200 (WF, WR, WO & WC)

**GENERAL NOTES**

- ALL EQUIPMENT SHUT DOWN AND NOISY WORK TO BE PERFORMED IN ACCORDANCE WITH WORK HOURS AND NOISE RESTRICTIONS SET FORTH IN THE SPECIFICATION AND COORDINATED WITH CONTRACT ADMINISTRATOR.
- REVIEW ALL CONSTRUCTION DOCUMENTS, VERIFY ROUTING AND EQUIPMENT REMOVAL AND RE-INSTALLATION ETC. PRIOR TO PROCEEDING WITH WORK. REPORT ANY DISCREPANCIES TO CONTRACT ADMINISTRATOR.
- PERFORM COORDINATION BETWEEN ALL TRADES AS REQUIRED FOR REMOVAL AND RE-INSTALLATION OF EQUIPMENT, WHERE ADDITIONAL WORK REASONABLY INCIDENTAL TO THE ORIGINAL DESIGN INTENT IS REQUIRED DUE TO SITE CONDITIONS, IT SHALL BE PERFORMED AT NO ADDITIONAL COST.
- WHERE REMOVAL OF EQUIPMENT REQUIRES RE-INSULATING OR ADDITIONAL PATCHING, PERFORM WORK AT NO ADDITIONAL COST. ALL PATCHING AND RE-INSULATING TO MATCH EXISTING OR MEET THE MINIMUM REQUIREMENTS OF THE SPECIFICATION WHERE THE EXISTING CONDITION IS OF LESS QUALITY THAN THE SPECIFICATION.
- WHEN EQUIPMENT, DUCTING OR OTHER MECHANICAL ITEMS ARE REMOVED FROM ROOF AND REQUIRED TO BE RE-INSTALLED, STORE IN SAFE LOCATION TO PREVENT WEATHER OR PHYSICAL DAMAGE TO EQUIPMENT, DUCTING OR ANY OTHER MECHANICAL ITEMS.

**KEY NOTES**

- EXISTING PRIMARY STORM WATER LEADER DOWN FROM FLOOR ABOVE.
- EXISTING PRIMARY STORM WATER LEADER DOWN TO BELOW FROM FLOOR ABOVE.
- NEW SECONDARY STORM WATER LEADER DOWN FROM FLOOR ABOVE.
- NEW SECONDARY STORM WATER LEADER DOWN TO BELOW FROM FLOOR ABOVE.
- CONNECT NEW SECONDARY STORM WATER PIPING TO EXISTING PRIMARY STORM PIPING AT LOW LEVEL.
- CONNECT NEW SECONDARY STORM WATER PIPING TO EXISTING PRIMARY STORM PIPING ABOVE TOP OF PLYWOOD SHED.
- EXISTING STORM WATER PIPING TO REMAIN.

10		
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4	1-0601B-H0039-001	PLUMBING SOUTH STORM DRAIN SCHEMATIC ELEVATION
3	1-0601B-H0038-001	PLUMBING NORTH STORM DRAIN SCHEMATIC ELEVATION
2	1-0601B-H0030-001	PLUMBING WF, WR, WO & WC STORM DRAIN UPGRADES SECOND FLOOR PLAN
1	1-0601B-H0022-001	PLUMBING WF, WR, WO & WC STORM DRAIN UPGRADES LOWER LEVEL PLAN
NO.	DRAWING NUMBER	REFERENCE DRAWING TITLE

**ENGINEERS  
GEOLOGISTS  
MANITOBA**  
Certificate of Authorization  
**SMS Engineering Ltd.**  
No. 166

B.M. ELEV.			
00	ISSUED FOR TENDER	23/03/21	GS
NO.	REVISIONS	DATE	BY

**SMS Engineering**  
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22-284-01 smseng.com

DESIGNED BY	GR	CHECKED BY	GS
DRAWN BY	GR	APPROVED BY	GS
SCALE:	AS NOTED	RELEASED FOR CONSTRUCTION BY:	
DATE	2023/03/21	DATE	

ENGINEER'S SEAL  
PROFESSOR OF MECHANICAL ENGINEERING  
**STEWART**  
Member 31816  
REGISTERED PROFESSIONAL ENGINEER

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

DRINKING WATER TREATMENT PLANT  
MAIN BUILDING  
ROOF REPLACEMENT

PLUMBING  
WF, WR, WO & WC STORM DRAIN UPGRADES  
FIRST FLOOR PLAN

CITY FILE NUMBER  
**W-1049**

SHEET 1 OF 1

CITY DRAWING NUMBER  
1-0601B-H0026-001