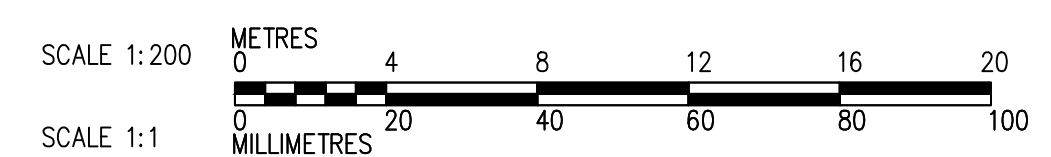


MECHANICAL LEGEND	
	NEW PRIMARY STORM WATER DRAINAGE ABOVE FLOOR OR GRADE
	NEW SECONDARY STORM WATER DRAINAGE ABOVE FLOOR OR GRADE
	EXISTING PRIMARY STORM WATER DRAINAGE ABOVE FLOOR OR GRADE TO REMAIN
	EXISTING PRIMARY STORM WATER DRAINAGE BELOW FLOOR OR GRADE TO REMAIN
	PIPE CAP
	DIRECTION OF FLOW
	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 - SECOND 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 LEADER DOWN FROM PRIMARY ROOF DRAIN ABOVE. MODIFY EXISTING RISER TO CONNECT NEW DRAIN.
- EXISTING LEADER DOWN FROM ROOF DRAIN IN PLENUM SERVING MECHANICAL EQUIPMENT ABOVE.
- 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.
- PROVIDE NEW STORM DRAIN PIPING TO INSTALL NEW CLEANOUT. CONFIRM EXACT EXTENT ON SITE.

10		
9		
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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-H0034-001	PLUMBING WF, WR, WO & WC STORM DRAIN UPGRADES THIRD FLOOR PLAN
1	1-0601B-H0026-001	PLUMBING WF, WR, WO & WC STORM DRAIN UPGRADES FIRST FLOOR PLAN
NO.	DRAWING NUMBER	REFERENCE DRAWING TITLE

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

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

**SMS Engineering**  
 770 Bradford Street Winnipeg, Canada (204) 775-0291  
 22-284-01 smseng.com

DESIGNED BY	GR	CHECKED BY	GS
DRAWN BY	GR	APPROVED BY	GS
SCALE:	AS NOTED	RELEASED FOR CONSTRUCTION BY:	

ENGINEER'S SEAL  
  
 CONSULTANT DRAWING NO. M2.9

**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  
 SECOND FLOOR PLAN

CITY FILE NUMBER	W-1049
SHEET	1 OF 1
CITY DRAWING NUMBER	1-0601B-H0030-001