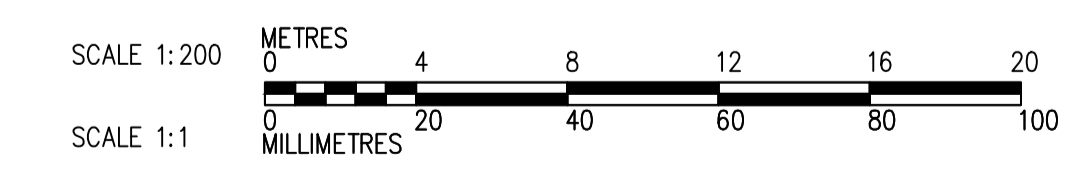


KEY PLAN
NOT TO SCALE
UNHATCHED AREAS DENOTES EXTENTS SHOWN ON DRAWING

MECHANICAL – ROOF PLAN – NEW CONSTRUCTION
1 : 200 (WP)

MECHANICAL LEGEND	
— SWD —	NEW PRIMARY STORM WATER DRAINAGE ABOVE FLOOR OR GRADE
— SWD2 —	NEW SECONDARY STORM WATER DRAINAGE ABOVE FLOOR OR GRADE
— SWD —	EXISTING PRIMARY STORM WATER DRAINAGE ABOVE FLOOR OR GRADE TO REMAIN
- - - SWD - - -	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
PR-#	PLUMBING RISER REFERENCE - REFER TO DRAWINGS 1-0601B-H0038-001 AND 1-0601B-H0039-001 FOR SCHEMATICS

- 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.
 - REFER TO BUILDING DRAWINGS FOR ROOF SLOPE INFORMATION.
- KEY NOTES**
- SUPPLY AND INSTALL NEW PRIMARY ROOF DRAIN. ENSURE MINIMUM 48" BETWEEN DRAINS AS DRAWN. REFER TO MECHANICAL AND BUILDING DETAILS.
 - SUPPLY AND INSTALL NEW SECONDARY OVERFLOW ROOF DRAIN. ENSURE MINIMUM 48" BETWEEN DRAINS AS DRAWN. REFER TO MECHANICAL AND BUILDING DETAILS.
 - SUPPLY AND INSTALL NEW SANITARY VENT STACK. REFER TO MECHANICAL AND BUILDING DETAILS.
 - SUPPLY AND INSTALL NEW OVERFLOW SCUPPER WITH BOTTOM 10MM ABOVE MEMBRANE. REFER TO BUILDING DETAILS.
 - PROVIDE OPEN-FACED DOWNSPOUT AND CONCRETE SPLASH PAD. REFER TO BUILDING DETAILS.
 - PROVIDE NEW CHIMNEY TERMINATION TO MATCH EXISTING.
 - CONNECT NEW PRIMARY ROOF DRAIN TO EXISTING LEADER WHERE POSSIBLE.



NO.	DRAWING NUMBER	REFERENCE DRAWING TITLE
10		
9		
8		
7		
6	1-0601B-H0035-001	PLUMBING WP STORM DRAIN UPGRADES THIRD FLOOR PLAN
5	1-0601B-M0019-001	MECHANICAL ROOF DETAILS
4	1-0601B-B0076-009	BUILDING ROOF DETAILS 9 OF 9
3	1-0601B-B0076-003	BUILDING ROOF DETAILS 3 OF 9
2	1-0601B-B0076-002	BUILDING ROOF DETAILS 2 OF 9
1	1-0601B-B0069-001	BUILDING WP ROOF PLAN

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

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

SMS Engineering
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22-284-01 smseng.com

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

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2023-03-21
STEWART
Member
31816
CONSULTANT DRAWING NO.
M2.18

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

DRINKING WATER TREATMENT PLANT
MAIN BUILDING
ROOF REPLACEMENT

MECHANICAL
WP ROOF
PLAN

CITY FILE NUMBER
W-1049

SHEET 1 OF 1

CITY DRAWING NUMBER
1-0601B-M0016-001