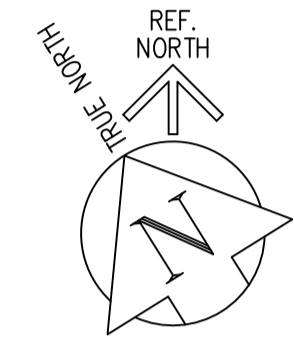


MECHANICAL - ROOF PLAN - DEMOLITION
1 : 200 (WM & WI)



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

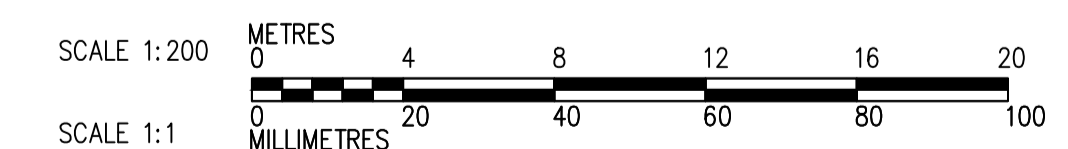
GENERAL NOTES

- 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.

DEMOLITION KEY NOTES

- 1 EXISTING LOUVERED INTAKE/EXHAUST TO BE REMOVED AND STORED FOR RE-INSTALLATION.
- 2 EXISTING SANITARY PLUMBING VENT TO BE REMOVED. REFER TO NEW CONSTRUCTION.
- 3 REMOVE EXISTING ROOF DRAIN. REFER TO NEW CONSTRUCTION PLAN.

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



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2	1-0601B-M0018-001	MECHANICAL WM & WI ROOF PLAN
1	1-0601B-B0067-001	BUILDING WM & WI ROOF DEMOLITION 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	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:			
00		DATE	2023/03/21	DATE	

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**PROFESSOR OF ENGINEERING
& D
STEWART**
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31816
REGISTERED PROFESSIONAL ENGINEER

THE CITY OF WINNIPEG
Winnipeg
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

DRINKING WATER TREATMENT PLANT
MAIN BUILDING
ROOF REPLACEMENT

MECHANICAL
WM & WI ROOF DEMOLITION
PLAN

CITY FILE NUMBER	W-1049
SHEET	1 OF 1
CITY DRAWING NUMBER	1-0601B-M0014-001