

| 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 |

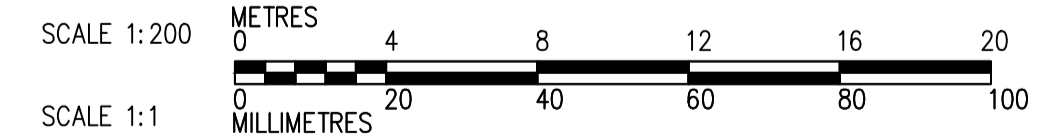
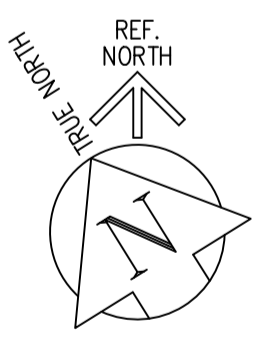
GENERAL NOTES

- 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 SPECIFICATION FOR TEMPORARY PROTECTION REQUIREMENTS OF THE MAIN TANKS.

KEY NOTES

- EXISTING LEADER DOWN FROM PRIMARY ROOF DRAIN ABOVE. MODIFY EXISTING RISER TO CONNECT NEW DRAIN.
- NEW LEADER DOWN FROM NEW PRIMARY ROOF DRAIN ABOVE.
- NEW LEADER DOWN FROM NEW SECONDARY ROOF DRAIN ABOVE.
- PROVIDE NEW STORM DRAIN PIPING TO CONNECT NEW DRAINS. CONFIRM EXACT EXTENT ON SITE.
- RUN NEW SECONDARY STORM DRAINAGE PIPING AT SAME LEVEL AS EXISTING STORM DRAINAGE PIPING.
- DROP NEW SECONDARY STORM DRAINAGE PIPING IN FRONT OF EXISTING COMPRESSED AIR, POTABLE SOFT WATER, AND CONDUIT LINES. RUN NEW SECONDARY PIPING THROUGH WALL DIRECTLY UNDERNEATH EXISTING STORM DRAINAGE LINE.
- RUN NEW SECONDARY STORM DRAINAGE PIPING DIRECTLY UNDERNEATH EXISTING STORM DRAINAGE LINE INSIDE COMPRESSOR ROOM. DRAWN OFFSET FOR VISIBILITY ONLY.
- EXTEND NEW SECONDARY STORM DRAINAGE BRANCH PIPING OVERTOP OF ELECTRICAL AND LIGHTING FIXTURES BEFORE DROPPING. PROVIDE STAINLESS STEEL SPLASH GUARD UNDER PIPE WHERE PASSING OVER ELECTRICAL EQUIPMENT.
- RUN NEW SECONDARY STORM DRAINAGE PIPING ON OPPOSITE SIDE OF LARGE CONCRETE BEAM AS EXISTING STORM PIPING.
- RUN NEW SECONDARY STORM DRAINAGE PIPING DIRECTLY ABOVE NORTHERN CHEMICAL SUPPLY LINE.
- RUN NEW SECONDARY STORM DRAINAGE PIPING DIRECTLY UNDERNEATH EXISTING STORM DRAINAGE LINE NEAR WALL BEHIND DUCTING. DRAWN OFFSET FOR VISIBILITY ONLY.
- PROVIDE STAINLESS STEEL SPLASH GUARD UNDER ENTIRE LENGTH OF NEW AND EXISTING STORM PIPING IN ELECTRICAL ROOM.
- RUN SPLASH GUARD BUTTING UP TO WALL AND SEAL WITH CAULKING. PROVIDE SINGLE DRAIN LINE DOWN TO FLOOR ALONG WALL.
- DROP NEW SECONDARY STORM DRAINAGE PIPING TO PASS UNDERNEATH EXISTING LINES TOWARDS THE SOUTH WALL.
- SUPPLY AND INSTALL NEW PRIMARY ROOF DRAIN. REFER TO MECHANICAL AND BUILDING DETAILS AND TO LEVEL BELOW FOR LEADER CONTINUATION.
- CONNECT NEW PRIMARY ROOF DRAIN TO EXISTING LEADER WHERE POSSIBLE.
- SUPPLY AND INSTALL NEW OVERFLOW SCUPPER. REFER TO BUILDING DRAWING.

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



| NO. | DRAWING NUMBER | REFERENCE DRAWING TITLE |
|-----|-------------------|---|
| 10 | | |
| 9 | | |
| 8 | | |
| 7 | | |
| 6 | 1-0601B-H0039-001 | PLUMBING SOUTH STORM DRAIN SCHEMATIC ELEVATION |
| 5 | 1-0601B-H0038-001 | PLUMBING NORTH STORM DRAIN SCHEMATIC ELEVATION |
| 4 | 1-0601B-H0035-001 | PLUMBING WP STORM DRAIN UPGRADES THIRD FLOOR PLAN |
| 3 | 1-0601B-H0030-001 | PLUMBING WF, WR, WO & WC STORM DRAIN UPGRADES SECOND FLOOR PLAN |
| 2 | 1-0601B-M0015-001 | MECHANICAL WF, WR, WO & WC ROOF PLAN |
| 1 | 1-0601B-B0068-001 | BUILDING WF, WR, WO & WC ROOF PLAN |

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| NO. | REVISIONS | DATE | BY |

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

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

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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
THIRD FLOOR PLAN

CITY FILE NUMBER
W-1049

SHEET 1 OF 1

CITY DRAWING NUMBER
1-0601B-H0034-001