# WILKES SOUTH RESERVOIR ACCESS BUILDING ROOF REPLACEMENT

#### CONSULTANTS



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## DRAWING INDEX

WWD PROJECT #:

PROJECT TITLE:

RESERVOIR ACCESS BUILDING ROOF REPLACEMENTS **BID OPPORTUNITY NO.:** 921-2023

CITY OF WINNIPEG DRAWING NO. CROSIER KILGOUR DRAWING NO. DISCIPLINE TITLE DRAWING TYPE  $\overline{N/A}$ S1.21 00 **GENERAL** 1-650R-D0005-001 DRAWING INDEX, NOTES, SCHEDULE & LEGENDS

BUILDING

CITY OF WINNIPEG DRAWING NO. CROSIER KILGOUR DRAWING NO. DISCIPLINE DRAWING TYPE ROOF DEMOLITION 00 BUILDING 1-650R-B0007-001 S2.22 00 1-650R-B0008-001 BUILDING PLAN 1-650R-B0009-001 S4.21 00 BUILDING **ROOFING DETAILS** 

### **GENERAL NOTES**

- DO NOT SCALE THE DRAWINGS
- DESIGN CONFORMS TO MBC 2011, POST-DISASTER.
- 3. ROOF UPLIFT DESIGN BASED ON CSA A123.21 REQUIREMENTS AS PER SPECIFICATIONS

FACTORED WIND LOADS: (IMPORTANCE FACTOR: 1.25 / LOAD FACTOR: 1.4)

-4.2 KPA (CORNER ZONE 1.05M X 1.05M)

-1.95 KPA (EDGE ZONE 1.05M) -1.4 KPA (FIELD)

VERIFY ALL DIMENSIONS ON-SITE PRIOR TO ORDERING MATERIAL, FABRICATION AND COMMENCING CONSTRUCTION.

COORDINATE WORK NEAR MECHANICAL AND ELECTRICAL SERVICES WITH THE CONTRACT ADMINISTRATOR.

ACTUAL ON-SITE CONDITIONS MAY VARY FROM THAT SHOWN; INFORMATION SHOWN OBTAINED FROM ORIGINAL DRAWINGS. ONUS REMAINS WITH CONTRACTOR TO VERIFY ALL ON-SITE CONDITIONS AND REPORT ANY DISCREPANCIES TO THE CONTRACT ADMINISTRATOR.

PROTECT ALL AREAS DURING PERIODS WHEN OFF-SITE.

ROOF DECK MUST BE PROTECTED FROM EXPOSURE TO MOISTURE AT ALL TIMES WHILE WORKING OR WHEN OFF-SITE.

CONTRACTOR IS RESPONSIBLE FOR DAMAGE DUE TO LACK OF PROTECTION DURING CONSTRUCTION. CONTRACTOR TO ADHERE TO CITY OF WINNIPEG SITE SECURITY REQUIREMENTS. REFER TO TENDER DOCUMENTATION FOR

10. COMPLETE ALL WORK (TEMPORARY SUPPORTS FOR EQUIPMENT AND BASES, DISCONNECTION AND CONNECTION OF EQUIPMENT AS NEEDED, MOVING AND LIFTING OF BASES, ETC.) REQUIRED FOR WATERPROOFING BENEATH EQUIPMENT AND BASES AS SHOWN ON DRAWINGS; USE QUALIFIED TRADE PERSONS AS REQUIRED. TEMPORARY SUPPORTS FOR WATERPROOFING BENEATH EQUIPMENT MUST BE DESIGNED TO HOLD SUPPORTED LOADS AND DISTRIBUTE THESE LOADS TO AVOID OVERSTRESSING ROOF AND INCLUDING STRUCTURAL DAMAGE. AVOID INTERRUPTION OF FUNCTIONING EQUIPMENT DURING ROOFING. UNAVOIDABLE INTERRUPTIONS MUST BE PLANNED WITH THE CONTRACT ADMINISTRATOR AND MAY BE SCHEDULED OUTSIDE NORMAL

11. PARAPET, CONCRETE BLOCK AND CLADDING ETC. TO BE PROTECTED WHEN LOADING AND UNLOADING MATERIALS ONTO AND OFF ROOF.

### **DEMOLITION NOTES**

- 1. THE CONTRACTOR IS RESPONSIBLE FOR SITE PROTECTION AND ENVIRONMENTAL PROTECTION DURING EXISTING ROOFING
- CONTRACTOR TO PROVIDE PROTECTION TO PERSONNEL AND EQUIPMENT WORKING IN ADJACENT AREAS. PROVIDE OVERHEAD
- PROTECTIVE HOARDING AT ENTRANCES AND EXITS. MAKE SAFE ALL MECHANICAL AND ELECTRICAL SERVICES AS REQUIRED AND INDICATED ON DRAWINGS.
- REMOVE FROM SITE ALL MATERIALS NOT REQUIRED.
- SEE SPECIFICATIONS FOR FURTHER INFORMATION REGARDING MATERIALS AND METHODS.
- PROTECTION IS REQUIRED AT THE ACCESS BUILDING VENT SHAFT AND EMERGENCY ESCAPES/VENTS SHAFTS TO PREVENT DEBRIS FROM ENTERING THE DRINKING WATER RESERVOIR. REFER TO SPECIFICATIONS FOR DETAILED REQUIREMENTS

**ABBREVIATIONS** 

LOW POINT

METRE

No. 235

MM MILLIMETRE AT (SPACING) MBC MANITOBA BUILDING CODE PLUS/MINUS MECH MECHANICAL AIR VAPOUR BARRIER COMPLETE WITH MIN MINIMUM C/W NTS NOT TO SCALE CONC CONCRETE O/C ON CENTRE CONT CONTINUOUS PFH PHILLIPS FLAT HEAD CANADIAN STANDARD ASSOCIATION CSA REF REFERENCE CONCRETE SURFACE PROFILE CSP DIAMETER R/W REINFORCE WITH S/A SELF ADHESIVE **ELEVATION** EXIST EXISTING SIM SIMILAR GΑ GAUGE SL SLAB GALV GALVANIZED STAINLESS STEEL HWH HEX WASHER HEAD T/O TOP OF HIGH POINT TYP TYPICAL INSUL INSULATION KPA KILOPASCAL LONG U/S UNDERSIDE

SBS STYRENE-BUTADIENE-STYRENE

U/N UNLESS OTHERWISE NOTED

W/ WITH

**ROOF PLAN LEGEND** SYMBOLOGY LEGEND

**ROOF DRAIN** 

PIPE W/ METAL FLASHING

ACCESS LADDER

NEW SLOPE (1%)

**HIGH POINT** 

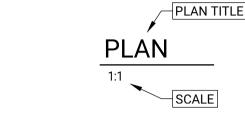
LOW POINT

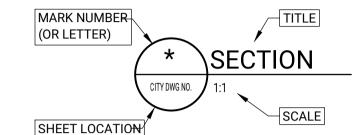
**NOT IN CONTRACT** 

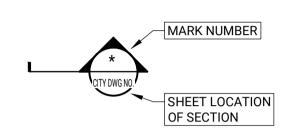
**NEW ROOF FACET** 

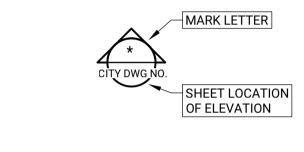
**EXISTING ROOF FACET** 

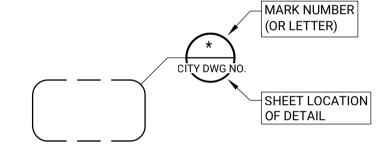
SCUPPER

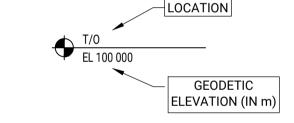














**EXISTING CONCRETE** 



**NEW CONCRETE** 

















**NEW PLYWOOD** 

CrosierKilgour THE CITY OF WINNIPEG ELEV. Winnipeg WATER AND WASIL --ENGINEERING DIVISION WATER AND WASTE DEPARTMENT ENGINEERS
GEOSCIENTISTS **MANITOBA** DESIGNED CHECKED CITY FILE NUMBER GJH Certificate of Authorization RESERVOIR ACCESS BUILDING ROOF REPLACEMENT W-1014 2023-12-11 Crosier Kilgour & Partners Ltd. WILKES SOUTH RESERVOIR ACCESS BUILDING SHEET OF DRAWN APPROVED LOL RELEASED FOR CONSTRUCTION BY: CITY DRAWING NUMBER SCALE: NTS **GENERAL** CONSULTANT DRAWING NO. 0 ISSUED FOR TENDER 23/12/11 JAW 1-650R-D0005-001 S1.21 NO. REVISIONS DATE BY DATE DRAWING INDEX, NOTES, SCHEDULE & LEGENDS 2023/12/11 DATE