

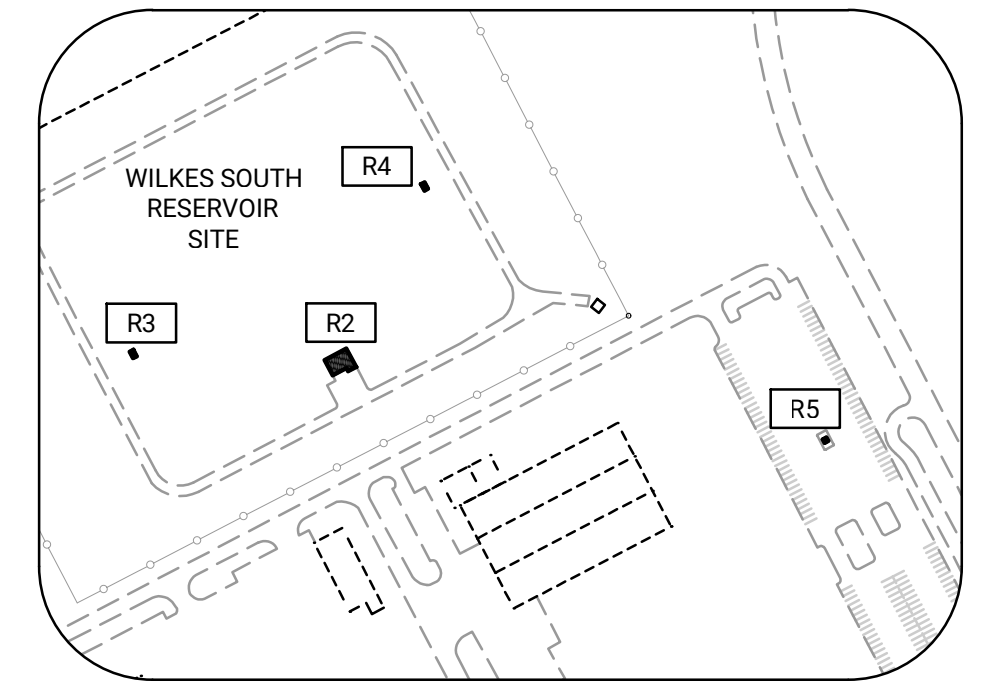
REF NORTH TRUE NORTH  
**ROOF PLAN - NEW**  
 1:50

**ROOF PLAN KEYNOTES- NEW**

- 1 SUPPLY AND INSTALL NEW ROOF SYSTEM AS PER NEW ROOF ASSEMBLY, DETAILS AND SPECIFICATIONS ON R2, R3 & R4.
- 2 SUPPLY AND INSTALL NEW 22GA PRE-FINISHED METAL CAP ON R5.
- 3 SUPPLY AND INSTALL NEW WOOD PARAPET WITH PLYWOOD SHEATHING C/ W BATT INSULATION AND 2-PLY SBS BASE AND GRANULATED CAP MEMBRANE FLASHING THROUGHOUT THE ROOF PERIMETER AND INSTALL NEW 2-PIECE PRE-FINISHED METAL CAP FLASHING, COLOUR TO BE SELECTED BY DEPARTMENT REPRESENTATIVE. TYPICAL
- 4 SUPPLY AND INSTALL NEW WOOD CURB TO SUIT, MIN 152 ABOVE NEW ROOF SYSTEM C/W 2-PLY SBS BASE AND GRANULATED CAP MEMBRANE FLASHING, REINSTALL EXISTING VENTILATOR UNIT. TYPICAL
- 5 SUPPLY AND INSTALL NEW WOOD CURB TO SUIT, MIN 152 ABOVE NEW ROOF SYSTEM C/W 2-PLY SBS BASE AND GRANULATED CAP MEMBRANE FLASHING, REINSTALL EXISTING ROOF ACCESS UNIT. TYPICAL
- 6 SUPPLY AND INSTALL 305 WIDE OPEN METAL SCUPPER ASSEMBLY C/W PRE-FINISHED METAL HOPPER, 24GA (127x127) OPEN FACED RAINLEADER (TOP 900 TO BE CLOSED), AND CONCRETE SPLASH PAD MIN 706 FROM BUILDING ADJUST SCUPPER HEIGHT TO SUIT NEW ROOF ASSEMBLY, TYPICAL
- 7 SUPPLY AND INSTALL 305 WIDE METAL OVERFLOW SCUPPER ASSEMBLY ADJUST SCUPPER HEIGHT TO SUIT NEW ROOF ASSEMBLY, (TYPICAL)
- 8 SUPPLY AND INSTALL 22GA PRE-FINISHED METAL CA, REINFORCED RIB AT CENTRELINE OF PANEL. (COLOUR BY CONTRACT ADMINISTRATOR)

**NEW ROOF LEGEND**

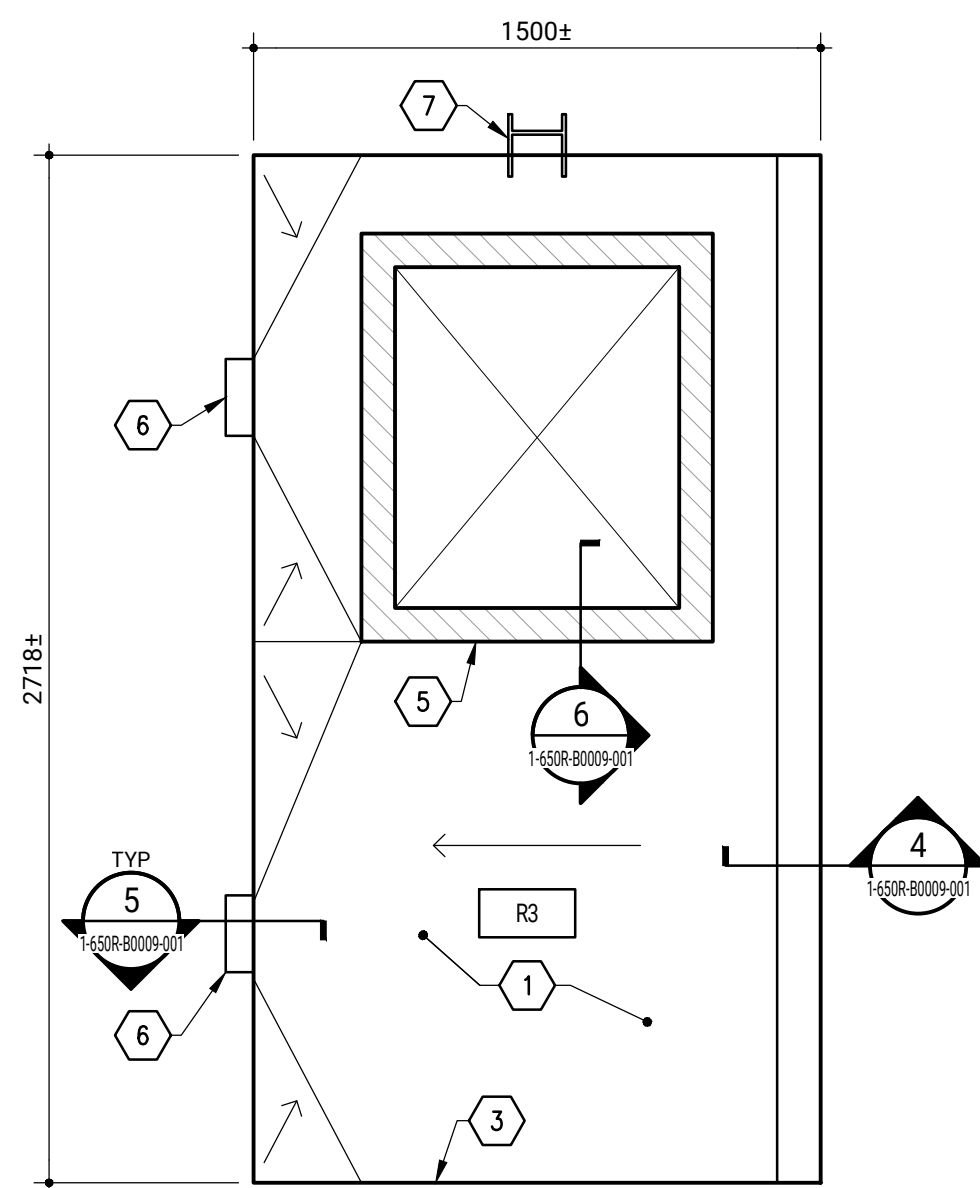
- R2 • SBS GRANULATED TRAFFIC CAP MEMBRANE, HEAT WELDED
- R3 • SBS SEMI-ADHERED BASE SHEET,
- R4 • 2 LAYERS 50mm TYPE III POLYISOCYANURATE INSULATION ADHERED,
- R5 • TAPERED POLYISOCYANURATE INSULATION ADHERED,
- THERMOFUSIBLE SBS AIR/VAPOUR BARRIER,
- EXISTING CONCRETE DECK
- R5 • 22 GA PRE-FINISHED METAL GAP
- EXISTING CONCRETE SLAB



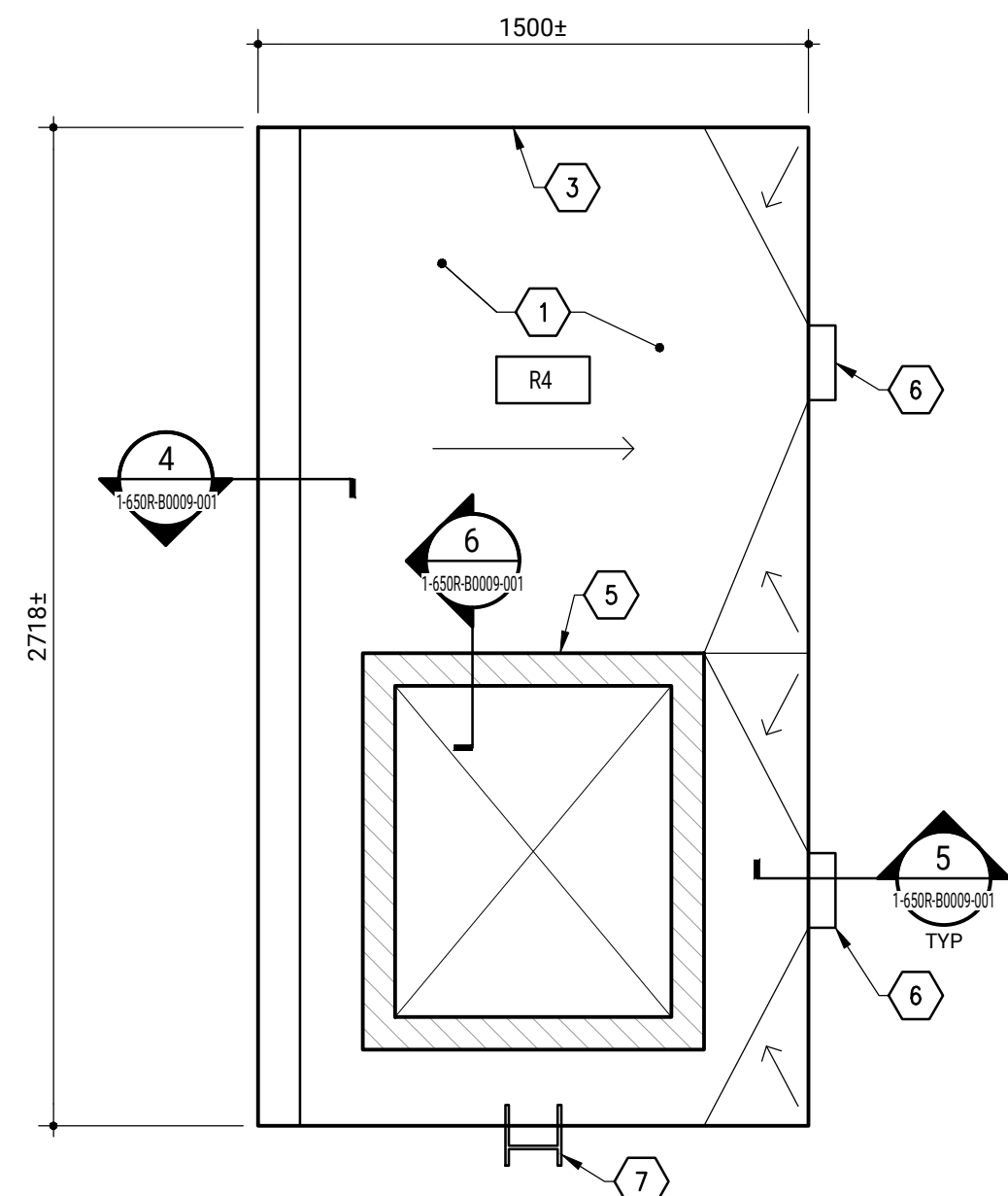
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**KEYPLAN**  
 NTS

**BUILDING NAMES**

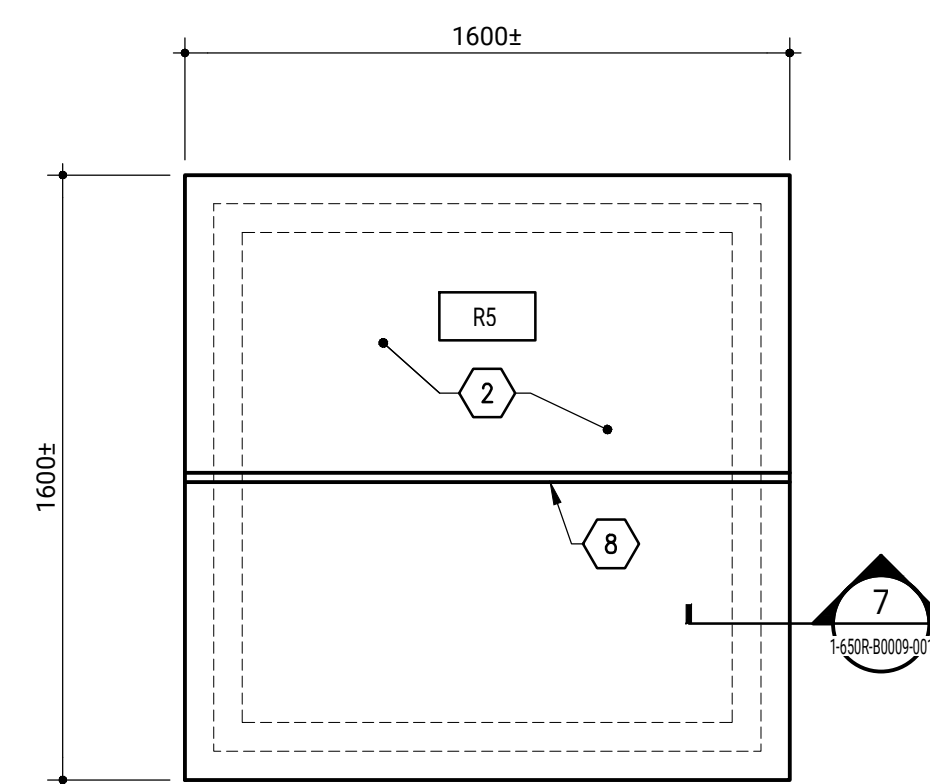
- R2 WILKES SOUTH RESERVOIR ACCESS BUILDING
- R3 EMERGENCY ESCAPE HATCH/VENT WEST
- R4 EMERGENCY ESCAPE HATCH/VENT EAST
- R5 ORIFICE METERING CHAMBER SUPERSTRUCTURE



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**ROOF PLAN - NEW**  
 1:20

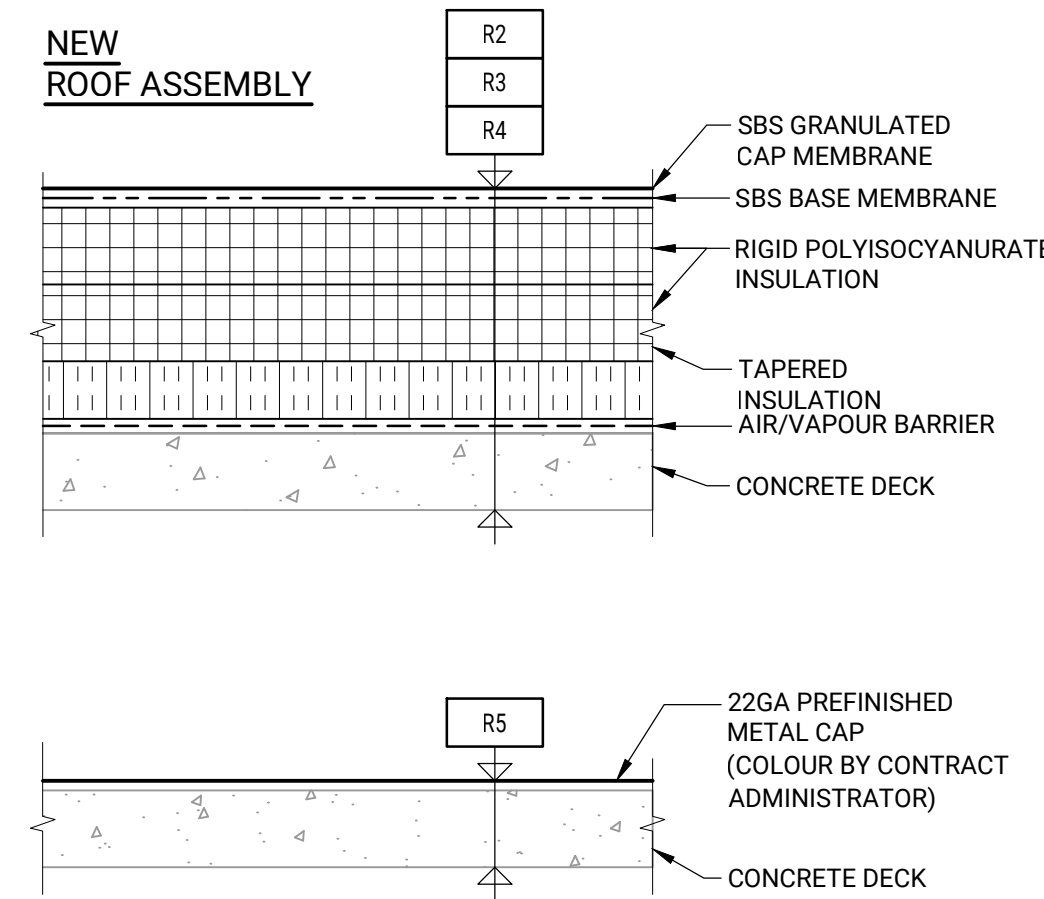


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**NEW ROOF ASSEMBLY**



10		
9		
8		
7		
6		
5		
4		
3	1-650R-B0009-001	BUILDING ROOFING DETAILS
2	1-650R-B0008-001	BUILDING ROOF PLAN
1	1-650R-D0005-001	DRAWING INDEX, NOTES, SCHEDULE & LEGENDS
NO.	DRAWING NUMBER	REFERENCE DRAWING TITLE

**ENGINEERS GEOSCIENTISTS MANITOBA**  
 Certificate of Authorization  
 Crosier Kilgour & Partners Ltd.  
 No. 235

B.M. ELEV.					
NO.	ISSUED FOR TENDER	23/12/11	JAW		
NO.	REVISIONS	DATE	BY	DATE	2023/12/11

**Crosier Kilgour**  
 Structural Engineering & Building Performance

DESIGNED BY	GJH	CHECKED BY	JAW
DRAWN BY	LOL	APPROVED BY	SEZ
SCALE:	NTS	RELEASED FOR CONSTRUCTION BY:	
DATE	2023/12/11	DATE	

ENGINEER'S SEAL  
 PROVINCE OF MANITOBA  
**J.A. WELLS**  
 2023-12-11  
 REGISTERED PROFESSIONAL ENGINEER  
 CONSULTANT DRAWING NO. S2.22

**THE CITY OF WINNIPEG**  
 WATER AND WASTE DEPARTMENT  
 ENGINEERING DIVISION

RESERVOIR ACCESS BUILDING ROOF REPLACEMENTS  
 WILKES SOUTH RESERVOIR ACCESS BUILDING

CITY FILE NUMBER W-1014  
 SHEET 1 OF 1  
 CITY DRAWING NUMBER 1-650R-B0008-001

BUILDING ROOF PLAN