



1 BUILDING DC5 - OVERALL ROOF PLAN
A.121 Scale: 1" = 500

ROOF LEGEND

- H.P. ROOF HIGH POINT
L.P. ROOF LOW POINT
R.D. @ ROOF DRAIN
S.D. SCUPPER DRAIN
ROOF HATCH
ROOFTOP UNIT. SEE MECH. DWGS.
INSULATION SUMP AT PROPOSED ROOF DRAIN
BUILT-UP RIGID INSULATION ROOF CRICKET
FLOW LINE TO DRAIN
STRUCTURAL FRAMING BELOW ROOF DECK (HIDDEN). SEE STRUCT. DWGS.
ROOF WALKWAY PADS.

GENERAL ROOF NOTES

- ALL GAS PIPING ON ROOF SHALL BE PAINTED BY MECHANICAL CONTRACTOR.
- COORDINATE WITH ARCHITECTURAL & MECHANICAL DWGS. FOR ALL ROOF OPENING SIZES & LOCATIONS. FOR ALL MECH. EQUIPMENT, REFER TO MECHANICAL DWGS.
- ROOF CURBS TO BE PROVIDED FOR ALL MECHANICAL EQUIPMENT THAT ARE NOT SUPPORTED WITH THEIR OWN CURBS.
- ALL CURBS TO BE BUILT LEVEL.
- FOR SIZE AND LOCATION OF GAS PIPES, REFER TO MECHANICAL DRAWINGS.
- INSTALL STEEL BURGLER BARS TO PROTECT ROOF OPENINGS LARGER THAN 12"X12". TBD.
- ROOF MEMBRANE SUPPLIER TO PROVIDE ROOF MODIFIED BITUMEN WALKWAYS.
- ALL RECESSED MECHANICAL ROOF WELLS FULLY TAPERED WITH 2% SLOPE TO DRAINS, TYP. ALL DRAIN SUMPS FULLY TAPERED WITH 2% SLOPES TO DRAIN, TYP.
- NOTE: AT ALL ROOF PERIMETERS AND ALL WALL ROOFS WHERE EQUIPMENT REQUIRES SERVING WITHIN 10' 0" OF ROOF EDGES, INSTALL ROOF EDGE GUARD/TRAVEL RESTRAINT, TYP.
- ROOF CRICKET SURFACE TO ACHIEVE 1/4" / 12" SLOPE MINIMUM WITH 1/8" / 12" MINIMUM AT VALLEY
- ALL DOWNSPOUTS COLLECTOR HEADS AND DOWNSPOUTS TO BE PREFINISHED METAL. REF SPECIFICATIONS FOR ADDITIONAL INFORMATION.

ROOF SYSTEM TYPE

SINGLE - PLY TPO ROOF (R30-MIN) - 100% OF THE ROOF SPACE TPO MEMBRANE TO COMPLY WITH THE REQUIREMENTS OF A MINIMUM SOLAR REFLECTANCE INDEX (SRI) OF 82 FOR INDUSTRIAL BUILDINGS (AS PER COOL ROOF ALTERNATIVE TO THE GREEN REQUIREMENTS FOR INDUSTRIAL BUILDINGS).

*NOTE: ROOF NOT INTENDED TO BE USED FOR STORM WATER STORAGE. BOTTOM OF OVERFLOW SCUPPERS LOCATED MAXIMUM 150mm ABOVE LOW POINT OF ROOF (ROOF DRAIN ELEVATIONS)

ROOF CONSTRUCTION:
- 80 mil REINFORCED TPO MEMBRANE MECHANICALLY ATTACHED TO
- 13mm INSULATION OVERLAY BOARD
- TWO LAYERS OF 76mm RIGID INSULATION (R-30 MIN.) W/ STAGGERED JOINTS
- CONTINUOUSLY SEALED VAPOUR BARRIER
- 13mm ROOF BOARD (SHEATHING)
- 38mm METAL ROOF DECK O.W.S.J. (SEE STRUCTURALLY DWGS)

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REV #	DATE	REVISION TITLE
1	AUG 15, 2025	ISSUED FOR SPA

PROJECT NO: 25026	NOT RELEASED FOR CONSTRUCTION
DRAWN BY: TL	RELEASED FOR CONSTRUCTION
CHECKED BY: RBC	

PROJECT TITLE:
**7564 TENTH LINE WEST,
MISSISSAUGA, ON**
TOR000394



SHEET TITLE:
**BUILDING DC5 - OVERALL
ROOF PLAN**

SEAL: SHEET NO.

A.121