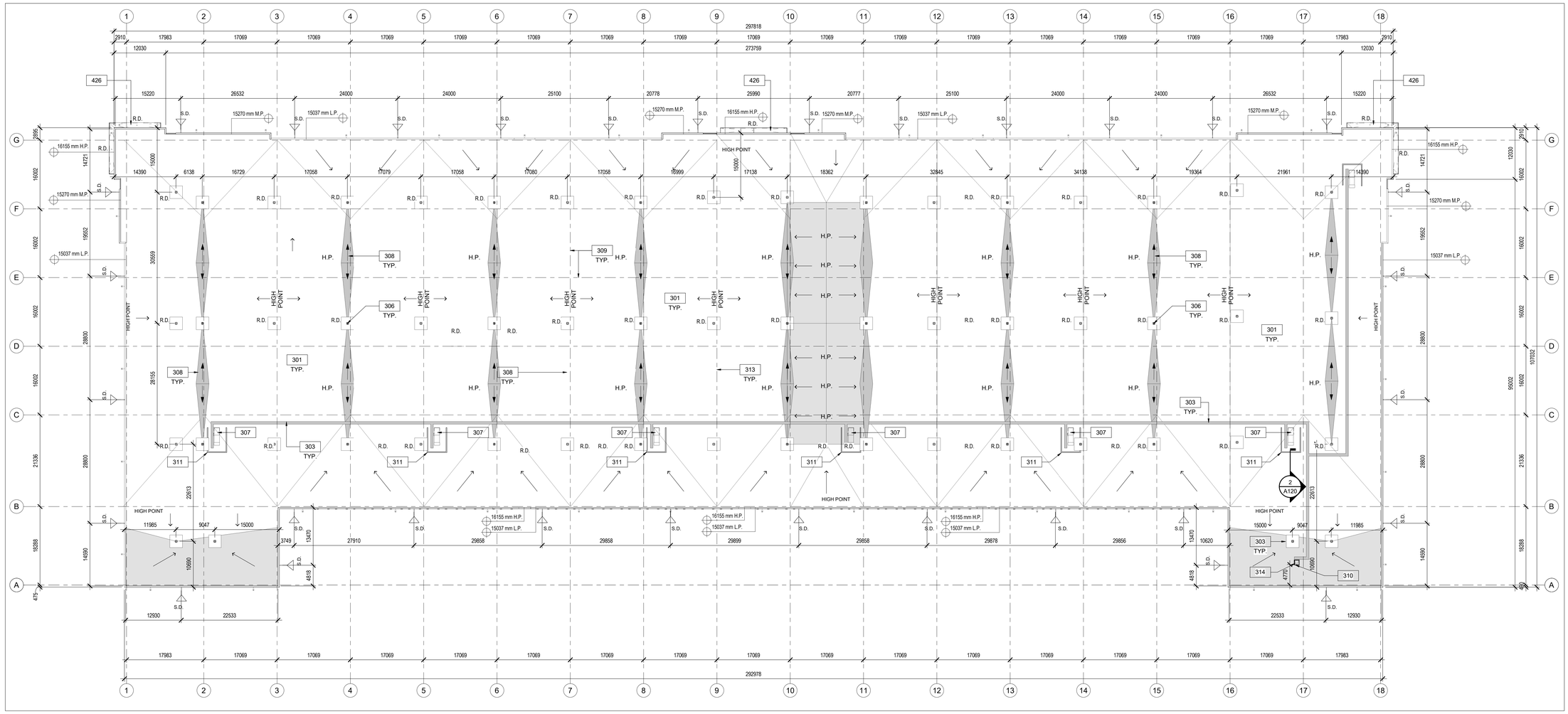
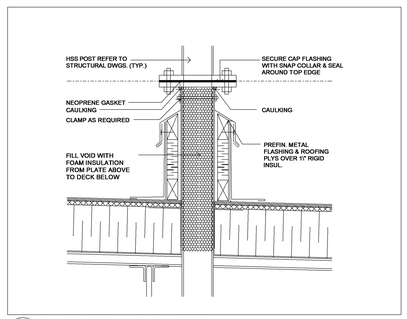


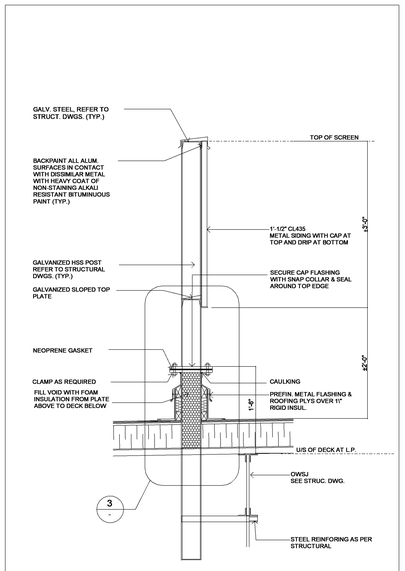
1 A120 DC4-OVERALL ROOF PLAN

Scale.1 : 400



3 A120 ROOF SCREEN ANCHORING DETAIL

SCALE: N.T.S



2 A120 ROOF SCREEN DETAIL

SCALE: N.T.S

A120 ROOF PLAN NOTES

301	SINGLE-PLY TPO ROOF (R-30 MIN.) - 100% OF THE ROOFING AREA WILL HAVE A TPO MEMBRANE THAT COMPLIES WITH THE REQUIREMENT OF A MINIMUM SOLAR REFLECTANCE INDEX (SRI) OF 82 FOR INDUSTRIAL BUILDINGS (AS PER COOL ROOF ALTERNATIVE TO THE GREEN ROOF REQUIREMENTS FOR INDUSTRIAL BUILDINGS). 80 mil REINFORCED TPO MEMBRANE. REFER TO SPEC FOR ADHERED AND MECHANICAL FASTEN ROOFING SYSTEM. WHITE.
303	TPO MEMBRANE WALKING PADS.
306	CONTROL FLOW ROOF DRAINS. SEE MECH DRAWINGS.
307	ROOFTOP UNIT. SEE MECH. DRAWINGS. PROVIDE SLOPE INSULATION/CRICKETS AROUND BASE OF ROOF CURB AND SUPPORTING RAIL AS REQUIRED. GC TO COORDINATE LOCATION OF UNIT CENTRE BETWEEN JOIST.
308	SLOPED INSULATION CRICKET.
309	LINE OF STRUCTURAL FRAMING BELOW DECK (HIDDEN).
310	SIGNAGE POSTED ON ROOF ACCESS HATCH TO READ; ALL ROOF DRAINS ARE CONTROL FLOW. THEY ARE TO REMAIN FUNCTIONING IN THIS MANNER.
311	ROOFTOP MECHANICAL EQUIPMENT SCREEN
313	ROOF EXPANSIONS JOINT. SEE DETAIL 10/A120.01. SEE STRUCTURAL DRAWINGS.
314	ROOF ACCESS HATCH FACTORY-ASSEMBLED INSULATED HOLLOW ALUM FRAME AND SKYLIGHT COVER EQUAL TO BILCO TYPE GS, COMPLETE WITH OPERATING, LOCKING AND RELEASE HARDWARE (914mm X 914mm)
426	PREFINISHED ALUMINUM COMPOSITE PANEL CANOPY ALUCOBOND SYSTEM SL2000 COLOUR: PVDF 3 SILVER METALLIC.

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

1 ALL GAS PIPING ON ROOF SHALL BE PAINTED BY MECHANICAL CONTRACTOR.

2 COORDINATE WITH ARCHITECTURAL & MECHANICAL DWGS. FOR ALL ROOF OPENING SIZES & LOCATIONS. FOR ALL MECH. EQUIPMENT, REFER TO MECHANICAL DWGS.

3 ROOF CURBS TO BE PROVIDED FOR ALL MECHANICAL EQUIPMENT THAT ARE NOT SUPPORTED WITH THEIR OWN CURBS.

4 ALL CURBS TO BE BUILT LEVEL.

5 FOR SIZE AND LOCATION OF GAS PIPES, REFER TO MECHANICAL DRAWINGS.

6 INSTALL STEEL BURGLER BARS TO PROTECT ROOF OPENINGS LARGER THAN 12"X12". TBD.

7 ROOF MEMBRANE SUPPLIER TO PROVIDE ROOF MODIFIED BITUMEN WALKWAYS.

8 ALL RECESSED MECHANICAL ROOF WELLS FULLY TAPERED WITH 2% SLOPE TO DRAINS, TYP. ALL DRAIN SUMPS FULLY TAPERED WITH 2% SLOPES TO DRAIN, TYP.

9 NOTE: AT ALL ROOF PERIMETERS AND ALL WALL ROOFS WHERE EQUIPMENT REQUIRES SERVICING WITHIN 10'-0" OF ROOF EDGES, INSTALL ROOF EDGE GUARD/TRAVEL RESTRAINT, TYP.

10 ROOF CRICKET SURFACE TO ACHIEVE 1/4" / 12" SLOPE MINIMUM WITH 1/8" / 12" MINIMUM AT VALLEY

11 ALL DOWSPOUTS 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 13, 2025	ISSUED FOR SPA
2	DEC 05, 2025	ISSUED FOR COORDINATION
3	2026-03-25	ISSUED FOR SPA RESUBMISSION
4	2026-09-17	ISSUED FOR SPA RESUBMISSION

PROJECT NO: 25026
DRAWN BY: TL
CHECKED BY: RBC

■ NOT RELEASED FOR CONSTRUCTION
□ RELEASED FOR CONSTRUCTION

PROJECT TITLE:

MEADOWVALE DC4

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SHEET TITLE:

BUILDING DC4 - OVERALL ROOF PLAN

SEAL:

ONTARIO ASSOCIATION OF ARCHITECTS
ALY HAMDY
LICENCE 6768

SHEET NO.

A120