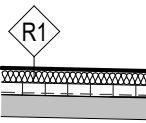


| | | | | | | |
|---|---|---|---------------------------|---|--|--|
| FIRM NAME: WORKSHOP Architecture 6 Sousa Mendes St Toronto, ON M6P 0A8 tel. 416-901-8055 | | LOCATION: 60 Brant Street Toronto, ON | | OBO REFERENCE References are to Division B unless noted [A] for Division A or [C] for Division C. | | |
| NAME OF PROJECT: TSSS Brant | | Project Area: 1452 m² | | | | |
| ONTARIO'S 2024 BUILDING CODE DATA MATRIX - PART II | | | | | | |
| 11.00 | Building Code Version: | | O. Reg. 163/24 | Last Amendment | O. Reg. 447/24 | |
| 11.01 | Project Type: | <input type="checkbox"/> Addition <input type="checkbox"/> Change of use | | | <input checked="" type="checkbox"/> Renovation <input type="checkbox"/> Addition and renovation | |
| 11.02 | Major Occupancy Classification: | Occupancy: Group A Division 2, Subsidiary Group D & Group C Use: Youth Shelter (Existing to remain unchanged) | | | 3.1.2.1.(f), 2.1.4.1.(f), and 11.2.1. | |
| 11.03 | Superimposed Major Classification: | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes | | | Description: _____ | |
| 11.04 | Building Area (m²) | Existing: | 1452 m² | New: | 0 m² | |
| 11.05 | Building Height | Storeys above grade: 3 Storeys below grade: 1 | | | Existing height remain unchanged | |
| 11.06 | Number of Streets / Firefighter Access | 1 streets | | | | |
| 11.07 | Building Size | <input type="checkbox"/> Small <input checked="" type="checkbox"/> Medium <input type="checkbox"/> Large <input type="checkbox"/> > Large | | | | |
| 11.08 | Existing Building Classification: | Change in Major Occupancy: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> Not Applicable (no change of major occupancy) | | | | |
| | | Contruction Index: 6 Hazard Index: 4 Importance Category: <input type="checkbox"/> Low <input checked="" type="checkbox"/> Normal <input type="checkbox"/> High <input type="checkbox"/> Post-disaster | | | | |
| 3.10 | Building Classification: | 3.2.2.24 Group/Div: Group A Div 2 | | | 3.2.2.20 - 93. | |
| 3.11 | Sprinkler System: | <input checked="" type="checkbox"/> Required <input type="checkbox"/> Not Required Provided: <input checked="" type="checkbox"/> entire building <input type="checkbox"/> selected compartments <input type="checkbox"/> selected floor areas <input type="checkbox"/> basement <input type="checkbox"/> in lieu of roof rating <input type="checkbox"/> none | | | 3.2.1.5. & 3.2.2.18, -21, -22, -29, 3.2.4.1, 3.2.4.9, 3.2.4.15, and 3.2.4.12 to 14. | |
| 3.15 | Construction Type: | Restriction: <input type="checkbox"/> Combustible permitted <input checked="" type="checkbox"/> Non-combustible required <input type="checkbox"/> Encapsulated mass timber Actual: <input type="checkbox"/> Combustible <input checked="" type="checkbox"/> Non-combustible <input type="checkbox"/> Combination of combustible and non-combustible Heavy Timber Construction: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes | | | 3.2.2.20 - 93. & 3.1.6. 3.1.4.6., 7., 3.2.2.16. | |
| 11.09 | Renovation Type: | <input type="checkbox"/> Basic Renovation <input checked="" type="checkbox"/> Extensive Renovation | | | 11.3.3.1., and 11.3.3.2. | |
| 11.10 | Occupant Load: | Floor Level/Area Type | Occupancy Type | Based on Load (Persons) | Posted Limit Req'd | |
| | | Existing to remain unchanged | | | | |
| 11.1a | Plumbing Fixture Requirements | Ratio: Male:Female = 50/50, Except as noted otherwise | Floor Level/Area | Occupant Load | OBC Ref. WCs Required WCs Provided | |
| | | Existing to remain unchanged | | | | |
| 11.1b | Plumbing Fixture Requirements continued | Floor Level/Area (repeated) | Barrier-free WCs Required | Provided | Universal WCs Required Provided | |
| | | Existing to remain unchanged | | | | |
| 11.12 | Barrier-free Design: | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes Barrier-free Entrances: Yes Number: 1 | | | 11.3.1.2, 11.3.2, 11.3.3.2. | |
| 3.21 | Required Fire Resistance Ratings | Horizontal Assembly | Rating (H) | Supporting Assembly (H) | Noncombustible, in lieu of rating? | |
| | | Roof | 0 | 0 | <input type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> N/A | |
| 11.13 | Reduction in Performance Level: | Structural: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No By increase in occupant load: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No By change of major occupancy: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Plumbing: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Sewage systems: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Extension of buildings of combustible construction: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | 11.4.2.1, 11.4.2.2, 11.4.2.3, 11.4.2.4, 11.4.2.5, 11.4.2.6. | |
| 11.14 | Compensation Construction: | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes Structural: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes By increase in occupant load: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes By change of major occupancy: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes Plumbing: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes Sewage systems: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes Extension of buildings of combustible construction: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes | | | 11.4.3.1, 11.4.3.2, 11.4.3.3, 11.4.3.4, 11.4.3.5, 11.4.3.6, 11.4.3.7. | |
| 11.15 | Compliance Alternatives Proposed: | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes _____ _____ _____ | | | 11.5.1 | |
| 11.16 | Alternative Solution: | Is an alternative solution used? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes _____ _____ _____ | | | 12.1.1. [A], and 2.1. [C] | |
| 11.17 | Notes: | | | | | |

- General Notes:**
- Drawings are to be read in conjunction with project specifications.
 - Make good all surfaces/areas/finishes damaged during demolition. Prepare existing surfaces to accept new finishes as scheduled/specified.
 - All dimensions are to face of partition unless noted otherwise.
 - Angles are 90 degrees unless noted otherwise.
 - Contractor to measure and verify all site dimensions and verify existing conditions affecting new work. Notify consultant of any discrepancies before proceeding with new work.
 - General Contractor to provide adequate blocking for all millwork, signage, grab bars, equipment, etc mounted to walls/ceilings.
 - General Contractor shall be responsible for all mechanical, electrical and plumbing work. The General Contractor shall be responsible for all chases, cutting, openings (including scanning/x-ray where required) and patching as required by mechanical, electrical, plumbing and IT cabling trades. Review requirements with these trades.
 - Site access, including working hours, for material delivery, work forces and for refuse removal is to be coordinated with the Owner, as per terms outlined in **Division 1** of Specification.
 - General Contractor is to co-ordinate and co-operate with trades retained directly by Owner as applicable (eg: security contractor, IT sub trades, etc).
 - General Contractor shall be responsible for scheduling the trades identified in item 9, where such work affects the progress of the job.
 - General Contractor shall be responsible for moving and storage of furniture and equipment within the building that is affected by the work. Coordination shall be performed with the Owner and building operator.
 - Any equipment required for the relocation and temporary storage of rooftop equipment, shall be coordinated and provided by General contractor within bid price.
 - Any temporary shoring required, including roof support/reinforcing during relocation of rooftop equipment, shall be coordinated and provided by General Contractor within bid price.
 - Building Permit shall be obtained by Owner. All other permits/fees (including but not limited to ESA, Municipal road closure permits, service connection fees, sign permits, etc) to be obtained by the Contractor as necessary to complete the Work. All costs for these permits (Municipal Inspections, traffic direction costs, etc) shall be included in bid price and provided at no additional cost to the Owner.
 - Reinstatement of any adjacent paving/sidewalks/roadways/asphalt within the Municipal Right of Way or adjacent properties disturbed during construction to be carried out according to applicable Municipal Standards.
 - Work relating to the restoration of heritage windows to be performed by contractor with with not less than five (5) years of documented experience in similar work on Heritage Buildings.
 - Contractor to check all dimensions of existing heritage window frames on site before submitting shop drawings for preparation of replacement glazing units and any new components as required.

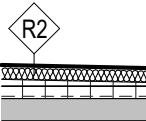
ASSEMBLY SCHEDULE



Roof R1 (min R-35c)

- | | |
|---|-----------|
| Modified bitumen Cap & Base Sheet | (RM-01) |
| Asphalt impregnated overlay board | |
| 75mm Dual density mineral wool insulation | (INS-01b) |
| 100mm Continuous polyiso insulation | (INS-01a) |
| Continuous self adhered vapour barrier | (VB-01) |
| Existing roof deck on Existing roof structure | |

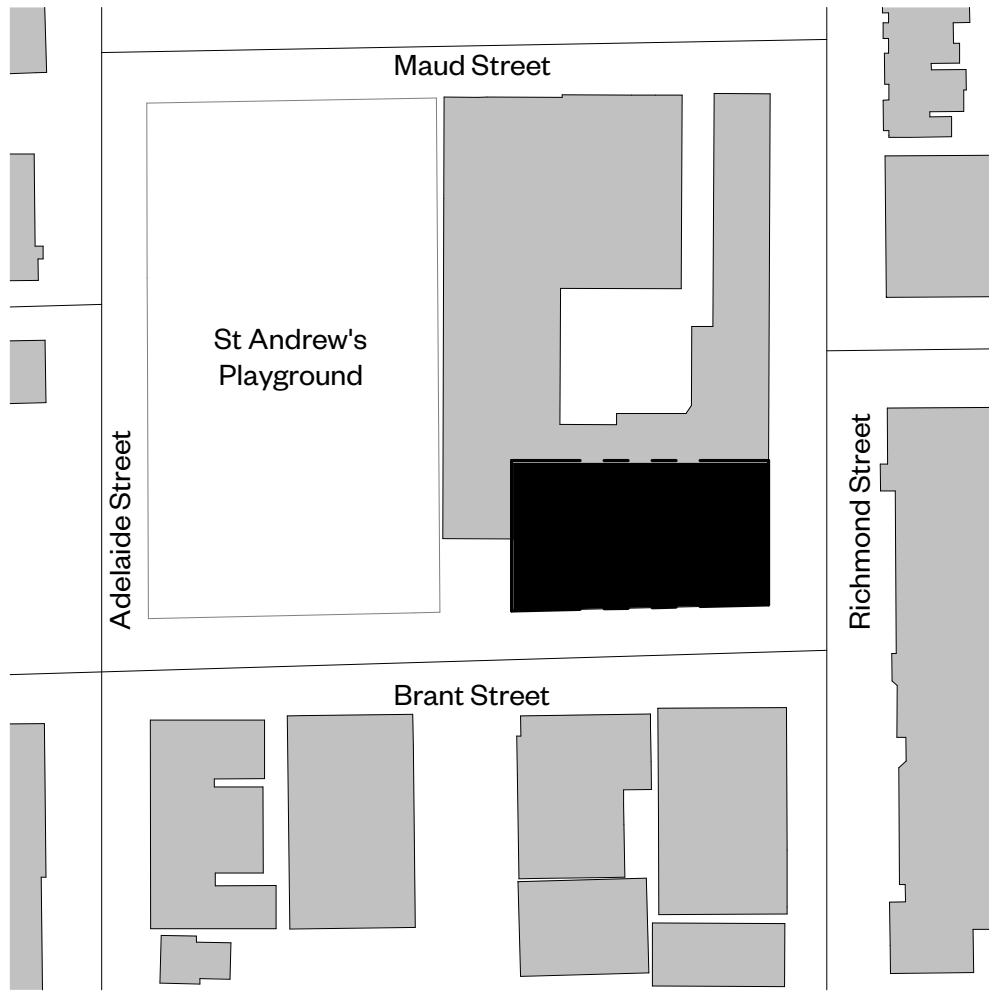
Underside of roof deck is exposed - no fasteners permitted through roof deck



Roof R2 (min R-35c)

- | | |
|---|-----------|
| Modified bitumen Cap & Base Sheet | (RM-01) |
| Asphalt impregnated overlay board | |
| 75mm Dual density mineral wool insulation | (INS-01b) |
| Tapered polyiso insulation to make up slope | (INS-01a) |
| 100mm Continuous polyiso insulation | (INS-01a) |
| Continuous self adhered vapour barrier | (VB-01) |
| Existing roof deck on Existing roof structure | |

Underside of roof deck is exposed - no fasteners permitted through roof deck



1 Key Plan
N . T . S .

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| Rev | Description | Date |
|-----|---------------------|------------|
| 1 | 75% Review | 2026.01.26 |
| 2 | Issued for Permit | 2026.02.24 |
| 3 | Reissued for Permit | 2026.04.30 |
| 4 | Issued for Tender | 2026.04.30 |

| Sheet List | |
|--------------|------------|
| Sheet Number | Sheet Name |

| | |
|---------------|--|
| ARCHITECTURAL | |
| A0.0 | OBO Matrix, Life Safety Plan, Key Plan |
| A1.0 | Demolition Plan |
| A1.1 | Proposed Plan |
| A1.2 | Proposed Plan |
| A1.3 | Proposed Plan |
| A1.4 | Existing Conditions - Roof |
| A1.5 | Existing Conditions - Windows |
| A2.0 | Proposed RCP- Level 2 |
| A3.0 | Building Elevations & Window Schedule |
| A5.0 | Details and Sections |
| A5.1 | Details and Sections |

| | |
|------------|--------------------------------------|
| MECHANICAL | |
| M1 | Mechanical Legend, Notes and Details |
| M2 | Roof - Existing Mechanical Plan |
| M3 | Roof - New Mechanical Plan |
| M4 | Site Photos |
| M5 | Site Photos |

| | |
|------------|---------------------------------|
| ELECTRICAL | |
| E1 | Electrical Legend and Notes |
| E2 | Roof - Existing Electrical Plan |
| E3 | Roof - New Electrical Plan |

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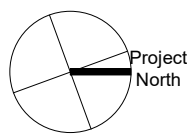
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TSSS Brant

69 Brant Street

| | |
|---------------|---------------|
| PROJECT CODE: | SCALE: |
| 2519 | As indicated |
| DATE: | STATUS: |
| Apr 2026 | Permit/Tender |

OBO Matrix, Life Safety Plan, Key Plan



drawing number

A0.0

| Demolition Notes | |
|------------------|--|
| Note | Description |
| D1 | Demolish all layers of existing roof to wood deck, prepare to receive new roof assembly. |
| D2 | Temporarily relocate mechanical units during roof replacement. See Mech. |
| D3 | Replace existing roof drains where necessary. See Mech. |
| D4 | Demolish existing metal stairs. |
| D5 | Demolish existing access ladder. |
| D6 | Demolish existing break form aluminium at perimeter of skylights. |
| D7 | Remove existing gas piping, to be reinstated after roof replacement. |
| D8 | Remove existing pavers, to be reinstated after roof replacement. |
| D9 | Remove acoustic doghouse for upblast fans, to be reinstated after roof replacement. |
| D10 | Demolish existing metal flashing and copper sill at monitor roof. |
| D11 | Remove existing metal siding, reinstate after roof replacement. |
| D12 | Existing cable for adjacent building to be managed during roof replacement. See Mech. |
| D13 | Alterations to existing metal flashing to accommodate new roof assembly (typ.) |
| D14 | Demolish existing parapet cap flashing at roof perimeter (typ.) |
| D15 | Remove membrane and flashing at existing support for mechanical units. |
| D16 | Existing gutters/rainwater leaders to be salvaged and reinstated. |

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Demolition Legend

- Existing element to be demolished
- Approximate extent of roofing to be removed
- Not in Contract

Symbols Legend

N.I.C. Not in Contract

WORKSHOP

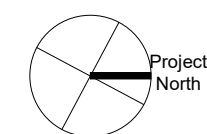
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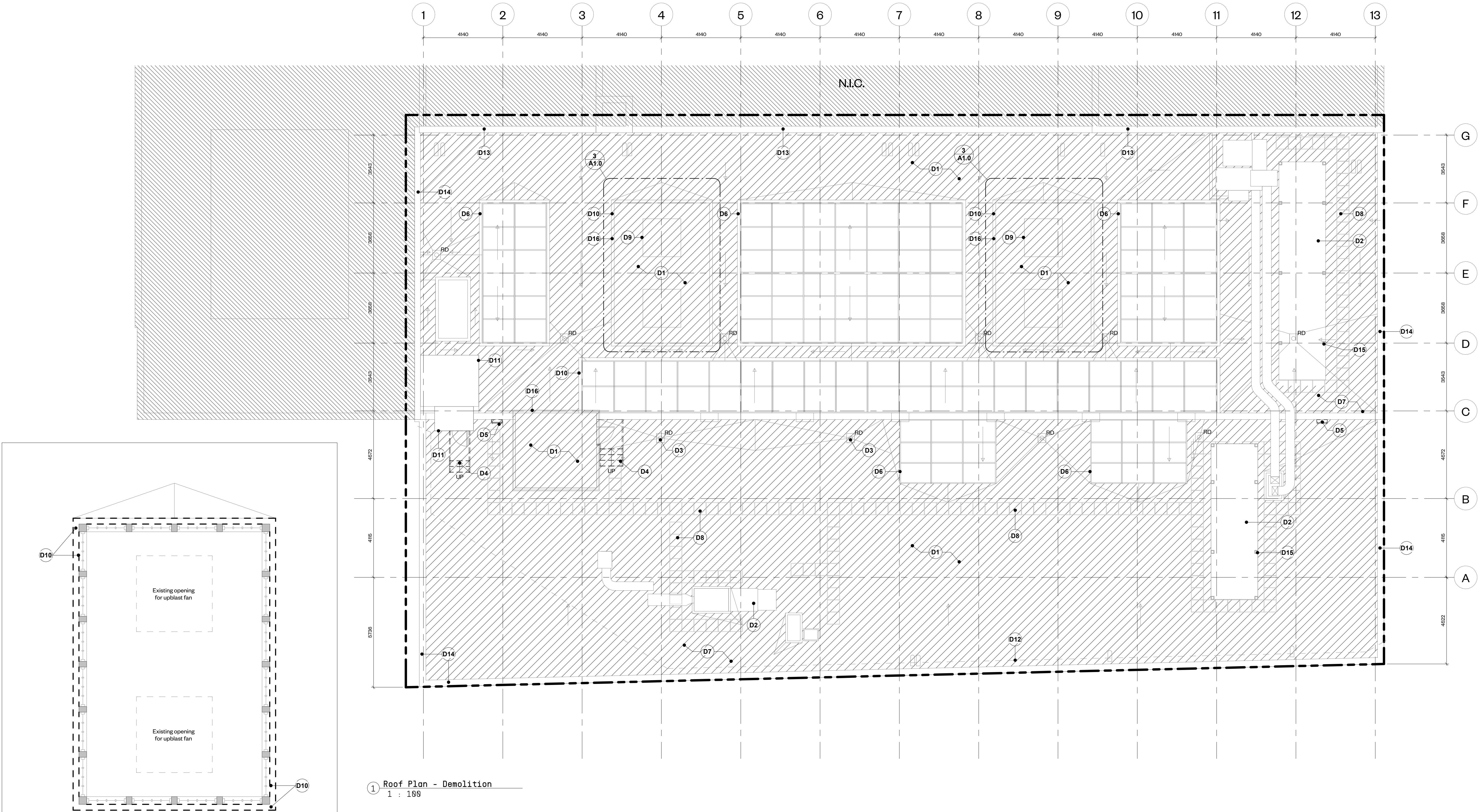
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| PROJECT CODE: | SCALE: |
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| DATE: | STATUS: |
| Apr 2026 | Permit/Tender |

Demolition Plan



drawing number

A1.0



1 Roof Plan - Demolition
1 : 100

3 Enlarged Plan - Monitor Roof
1 : 50

| General Notes | |
|---------------|--|
| Note | Description |
| 1 | Window tags indicate glazing replacement in existing windows per window schedule, repair existing walls and sills where necessary (typ.) |

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Legend

- Existing building to remain
- Not in Contract

Symbols Legend

- Window tag - refer to Window Schedule
- (E) Existing
- N.I.C. Not in Contract

WORKSHOP

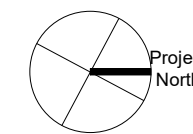
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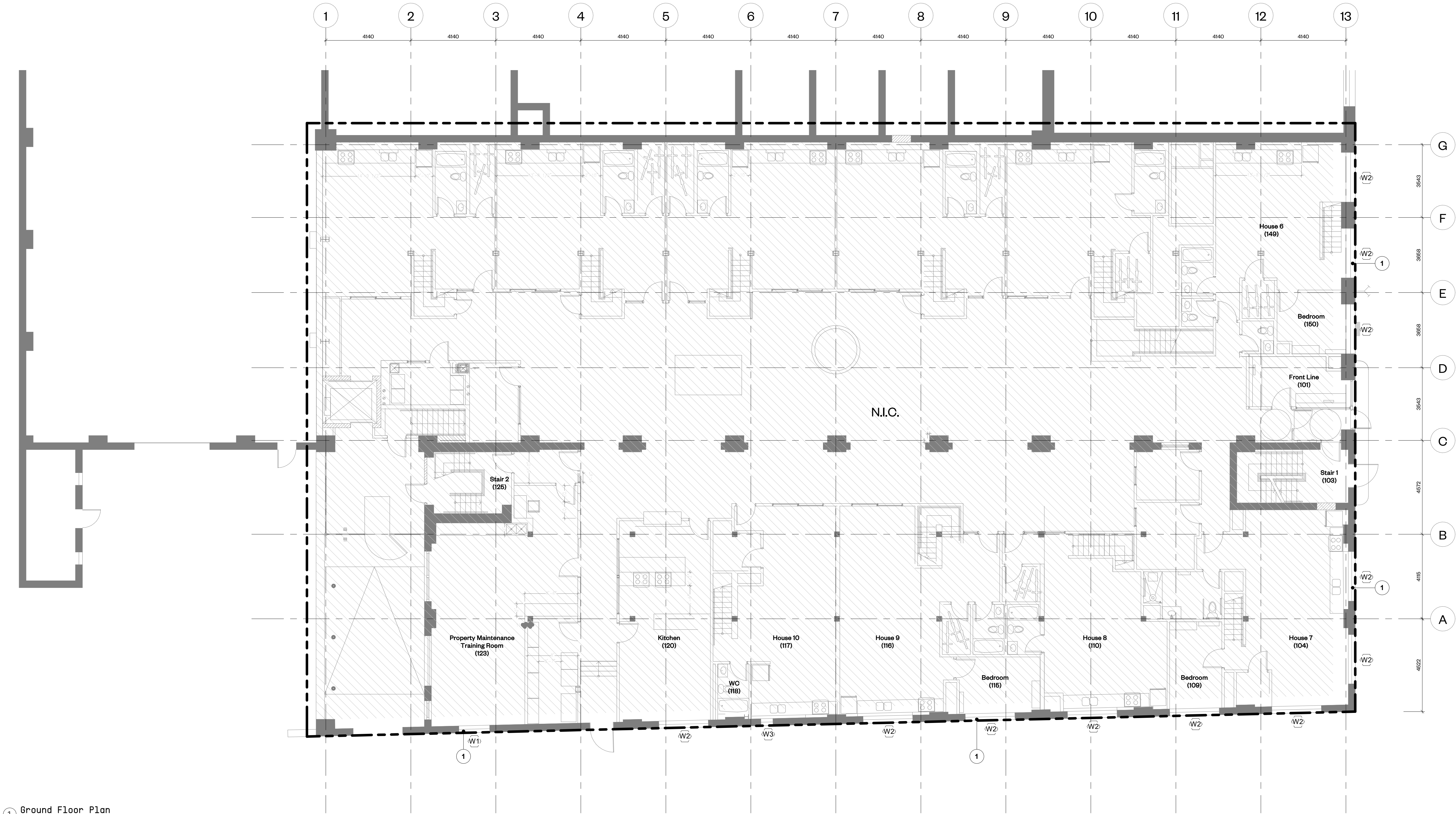
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| DATE: | STATUS: |
| Apr 2026 | Permit/Tender |

Proposed Plan



drawing number

A1.1



1 Ground Floor Plan
1 : 100

| General Notes | |
|---------------|--|
| Note | Description |
| 1 | Window tags indicate glazing replacement in existing windows per window schedule, repair existing walls and sills where necessary (typ.) |

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Legend

- Existing building to remain
- Not in Contract

Symbols Legend

- Window tag - refer to Window Schedule
- (E) Existing
- N.I.C. Not in Contract

WORKSHOP

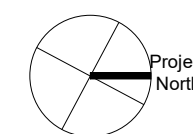
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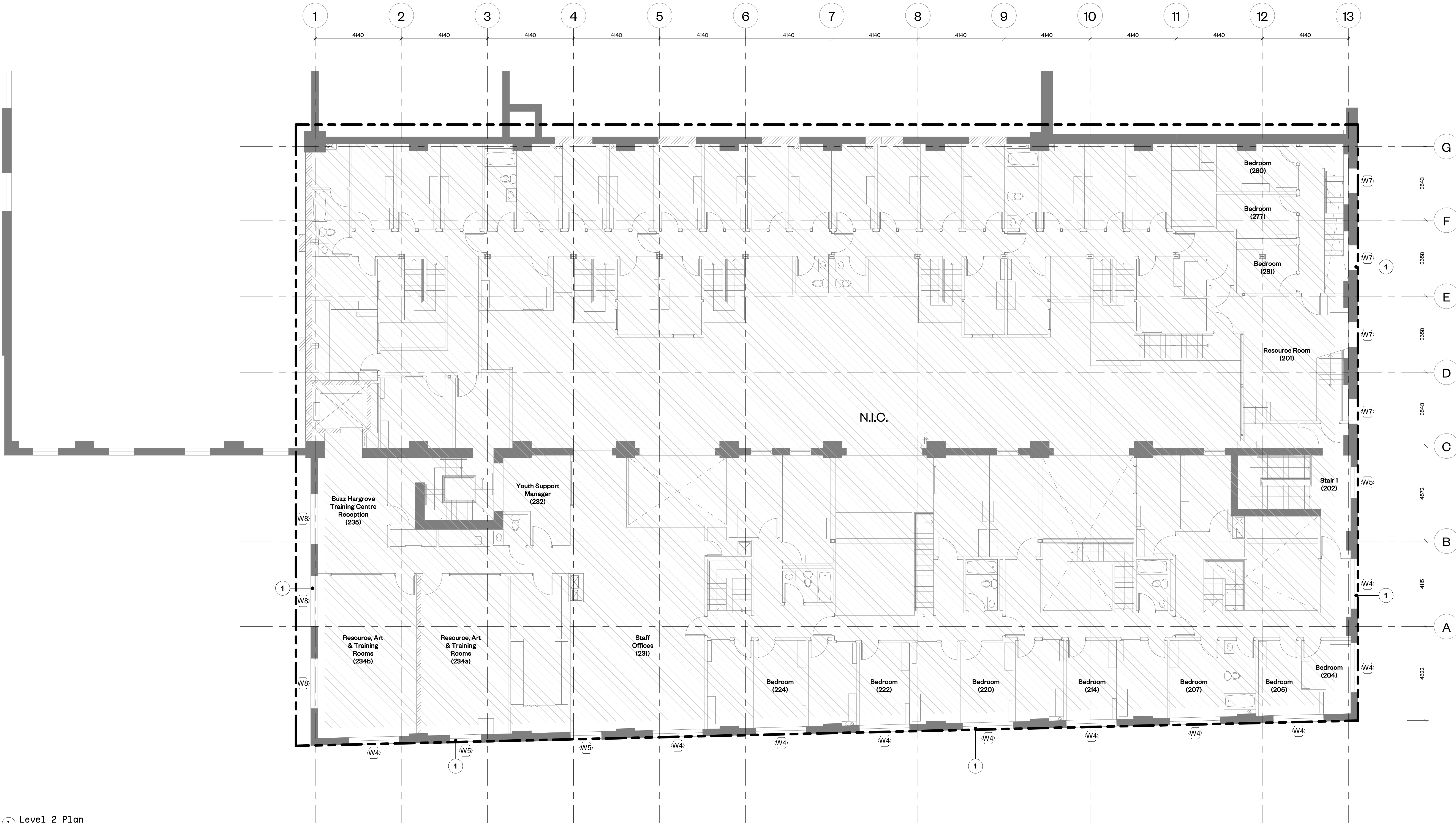
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| PROJECT CODE: | SCALE: |
| 2519 | 1:100 |
| DATE: | STATUS: |
| Apr 2026 | Permit/Tender |

Proposed Plan



drawing number

A1.2



1 Level 2 Plan
1 : 100

| Roof Notes | |
|------------|---|
| Note | Description |
| R1 | New flat roof assembly on existing roof deck, sloped to drain. Use assembly R2 to provide required slope (typ.) |
| R2 | New metal stairs, see detail V/A5.1. |
| R3 | Replace existing roof drains where necessary. See Mech. |
| R4 | Reinstate crickets to match existing at skylights and curbs, typ. |
| R5 | New access ladder between lower and upper roofs. |
| R6 | Relocate existing roof drains to top of new roof assembly, see detail 6/A5.0. |
| R7 | Reinstate existing gas piping. |
| R8 | Reinstate existing pavers and add new pavers to provide adequate access for equipment maintenance. |
| R9 | Reinstate mechanical units, confirm adequate clearance from bottom of unit to new roof. See Mech. |
| R10 | Reinstate membrane and flashing at existing support for mechanical units, see detail 2/A5.1. |
| R11 | Existing cable for adjacent building to be managed during roof replacement, see Mech. |
| R12 | Alterations to existing metal flashing, see detail 4/A5.0. |
| R13 | New parapet cap flashing at roof perimeter to replace existing (typ.) |
| R14 | New break form aluminium at perimeter of skylights to match existing, see detail 7/A5.0. |
| R15 | Reinstate existing gutters/rainwater leaders. |

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| 4 | Issued for Tender | 2026.04.30 |

Legend

- Existing building to remain
- Not in Contract

Symbols Legend

- WX Window tag - refer to Window Schedule
- (E) Existing
- N.I.C. Not in Contract

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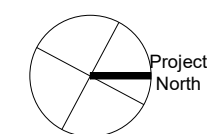
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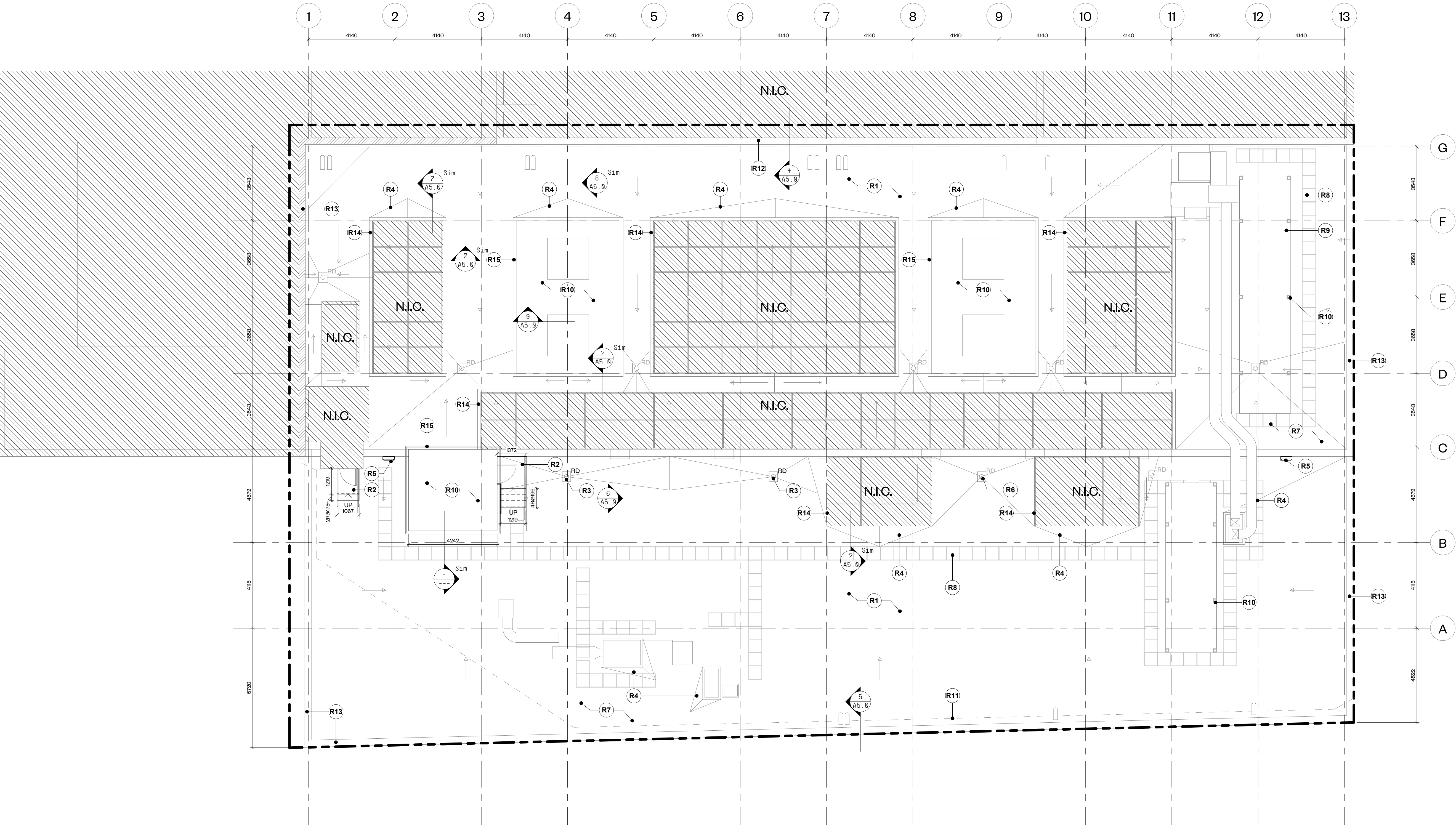
| | |
|---------------|---------------|
| PROJECT CODE: | SCALE: |
| 2519 | 1:100 |
| DATE: | STATUS: |
| Apr 2026 | Permit/Tender |

Proposed Plan



drawing number

A1.3



1 Roof Plan - Proposed
1 : 100



Existing metal flashing to be altered/replaced to accommodate new roof assembly
- See Demolition Note D13



Existing metal flashing and copper sill at monitor roof to be demolished
- See Demolition Note D10



Existing break form aluminum at skylights to be replaced
- See Demolition Note D6



Existing metal stairs to be replaced
- See Demolition Note D4



Existing upper roof to be replaced
- See Demolition Note D1



Existing membrane and flashing at structural support to be replaced
- See Demolition Note D15



Existing metal siding to be removed and reinstated
- See Demolition Note D11



Existing break form aluminum at skylights to be replaced
- See Demolition Note D6



Existing metal stairs to be replaced
- See Demolition Note D4



Existing lower roof to be replaced
- See Demolition Note D1



Existing gutters/rainwater leaders to be salvaged and reinstated
- See Demolition Note D16



Existing metal flashing to be altered/replaced to accommodate new roof assembly
- See Demolition Note D13



Existing doghouse for upblast fans to be removed and reinstated
- See Demolition Note D9



Existing metal ladders to be replaced
- See Demolition Note D5



Fluid Cooler 'FC-1' to be relocated during roof replacement
- See Demolition Note D2



Existing gutters/rainwater leaders to be salvaged and reinstated
- See Demolition Note D16



Existing metal flashing to be altered/replaced to accommodate new roof assembly
- See Demolition Note D13



Existing metal flashing and copper sill at monitor roof to be demolished
- See Demolition Note D10



Existing break form aluminum at skylights to be replaced
- See Demolition Note D6



Fresh Air Unit 'ERV-1' to be relocated during roof replacement
- See Demolition Note D2

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| | |
|---------------|---------------|
| PROJECT CODE: | SCALE: |
| 2519 | |
| DATE: | STATUS: |
| Apr 2026 | Permit/Tender |

Existing Conditions - Roof

drawing number

A1.4



Existing exterior window sill to be repaired where necessary



Existing masonry window sill and wall to be repaired and painted where necessary



Existing windows with fire shutters to remain



Existing exterior window sill to be repaired where necessary



Existing masonry window sill and wall to be repaired and painted where necessary



Existing masonry window sill and wall to be repaired and painted where necessary



Existing exterior window sill to be repaired where necessary



Existing masonry window sill and wall to be repaired and painted where necessary



Existing masonry window sill and wall to be repaired and painted where necessary



Existing exterior window sill to be repaired where necessary



Existing window returns to be repaired where necessary



Existing masonry window sill and wall to be repaired and painted where necessary

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| | |
|---------------|---------------|
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| 2519 | |
| DATE: | STATUS: |
| Apr 2026 | Permit/Tender |

Existing Conditions - Windows

drawing number

A1.5

| Ceiling Notes | |
|---------------|---|
| Note | Description |
| C1 | Replace ceiling tile to match existing where water damage is observed, typ. |

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| 4 | Issued for Tender | 2026.04.30 |

Legend

- Existing building to remain
- Not in Contract

Symbols Legend

- Window tag - refer to Window Schedule
- (E) Existing
- N.I.C. Not in Contract

WORKSHOP

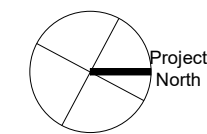
Workshop Architecture Inc.
6 Sousa Mendes Street
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416.901.8655
info@workshopto.ca
workshopto.ca

TSSS Brant

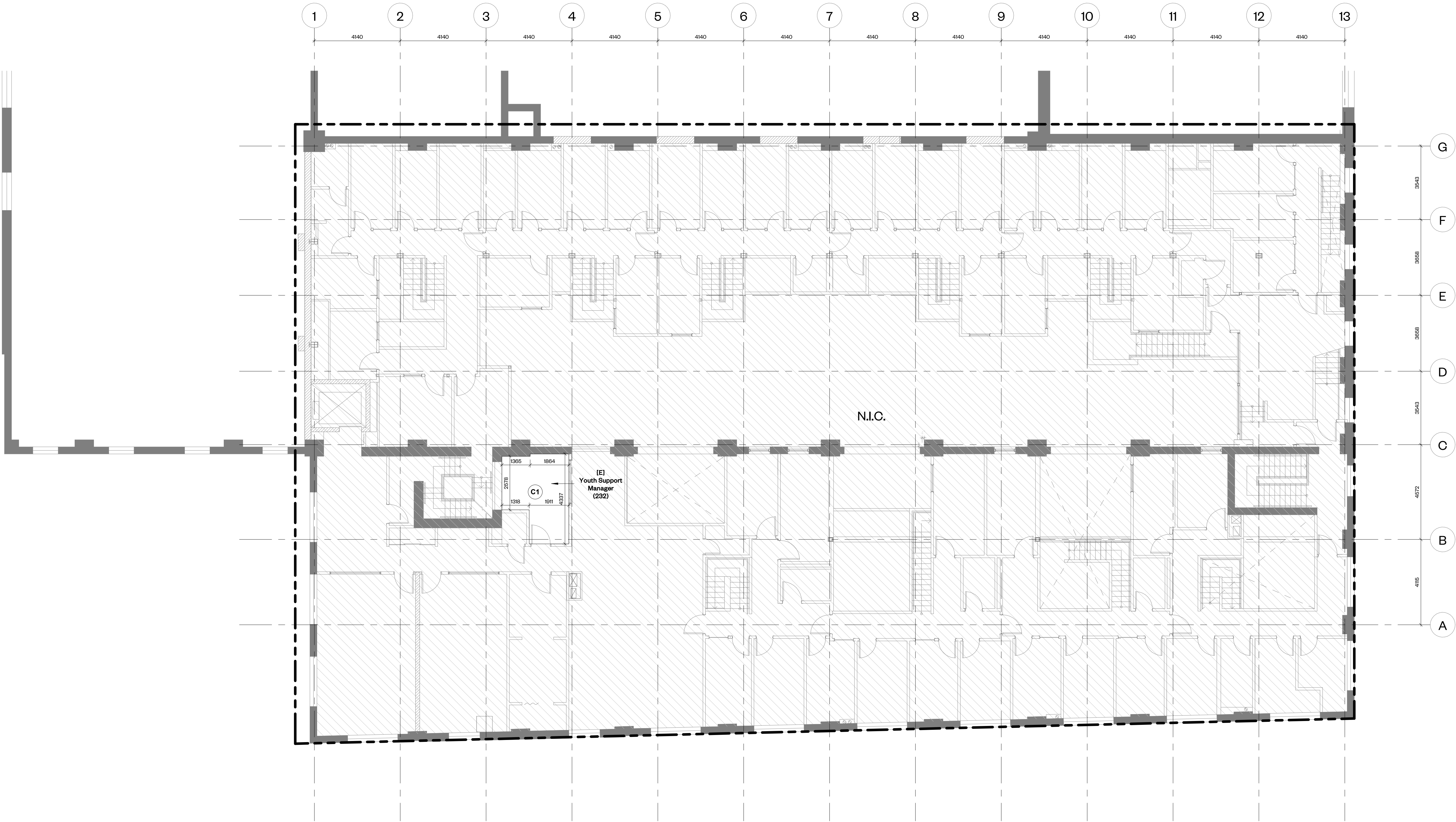
69 Brant Street

| | |
|---------------|---------------|
| PROJECT CODE: | SCALE: |
| 2519 | 1:100 |
| DATE: | STATUS: |
| Apr 2026 | Permit/Tender |

Proposed RCP- Level 2

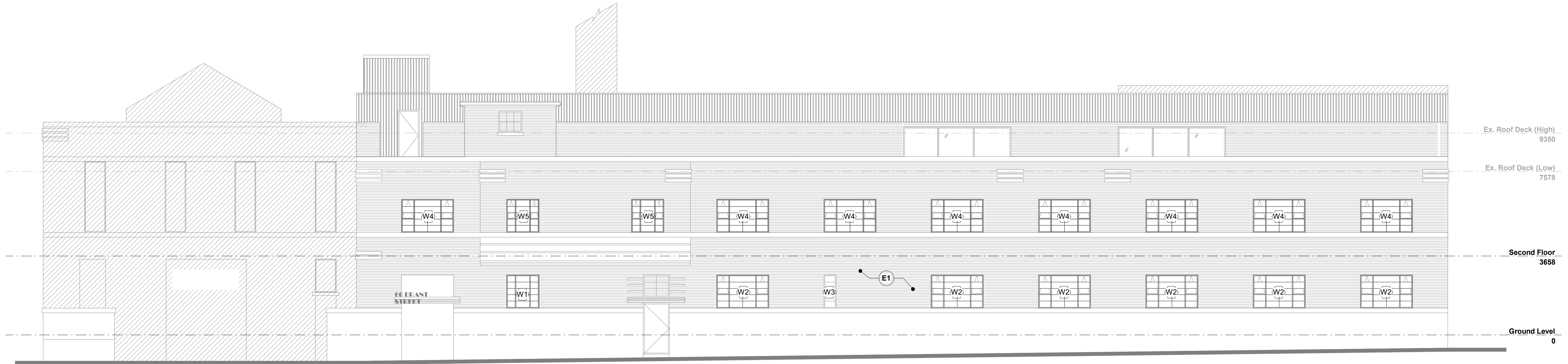


drawing number
A2.0

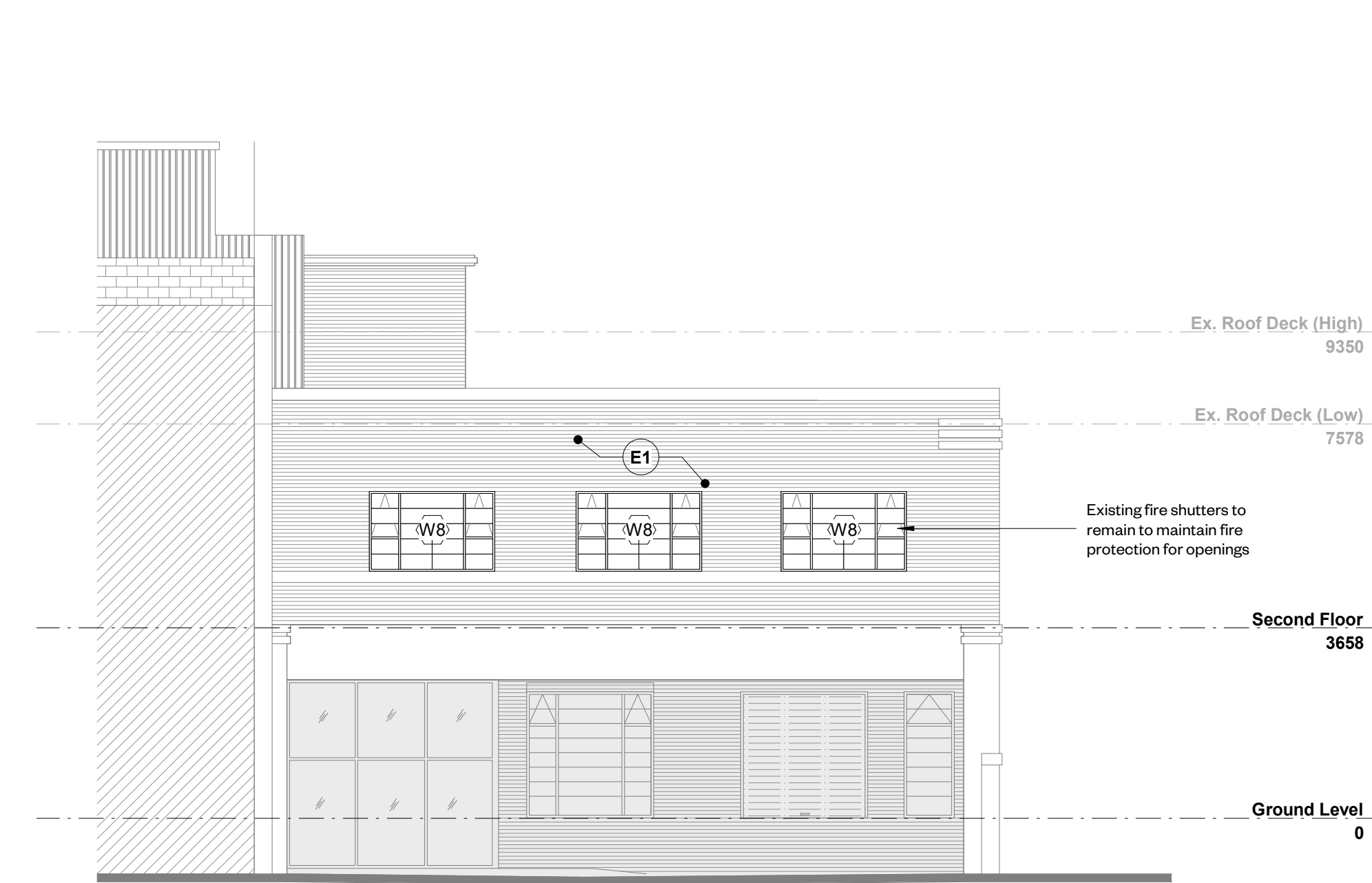


① Level 2 Reflected Ceiling Plan
1 : 100

| Elevation Notes | |
|-----------------|--|
| Note | Description |
| E1 | Replace glazing in existing steel windows, repair masonry wall where necessary, typ. |



① East Elevation - Window Replacement
1 : 100



③ South Elevation - Window Replacement
1 : 100



② North Elevation - Window Replacement
1 : 100

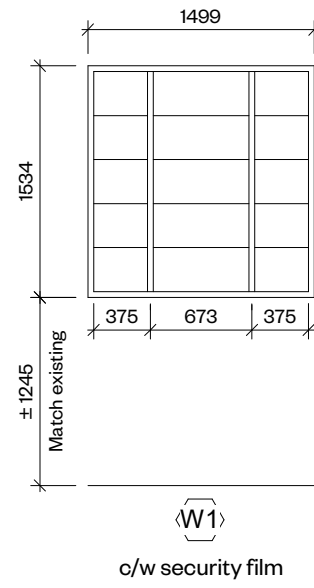
WINDOW SCHEDULE

All exterior glazing in existing window frames to be IGU-OI
- refer to Specification 08 80 00

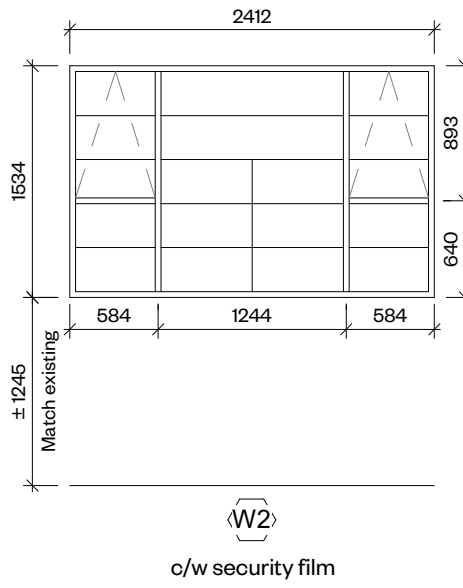
Site verify all dimensions of existing window frames

All existing window frames to be stripped to sound
material and repainted
- refer to Specifications 08 81 23 and 09 97 13

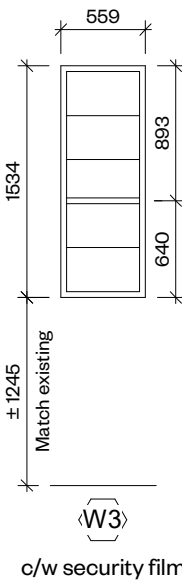
Restore existing operating hardware and provide weather
stripping at operable panels



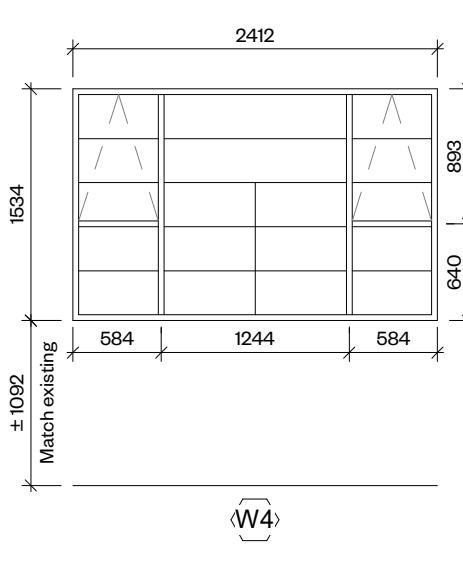
W1
c/w security film



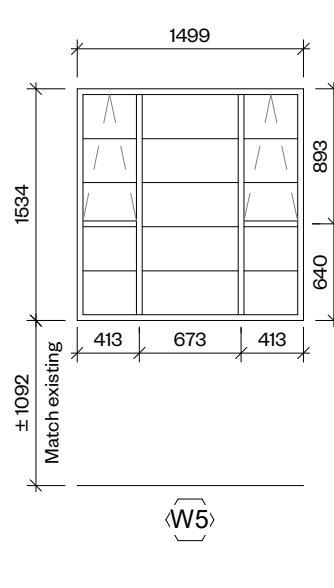
W2
c/w security film



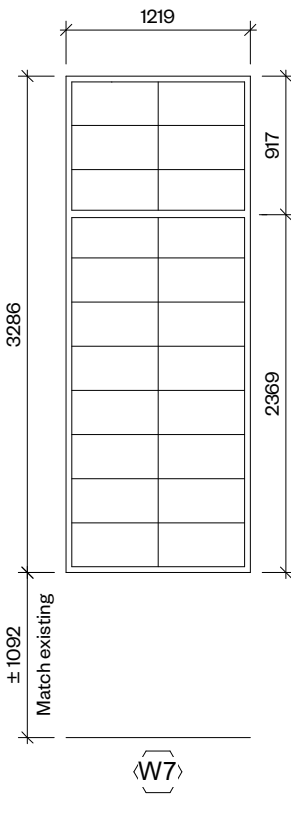
W3
c/w security film



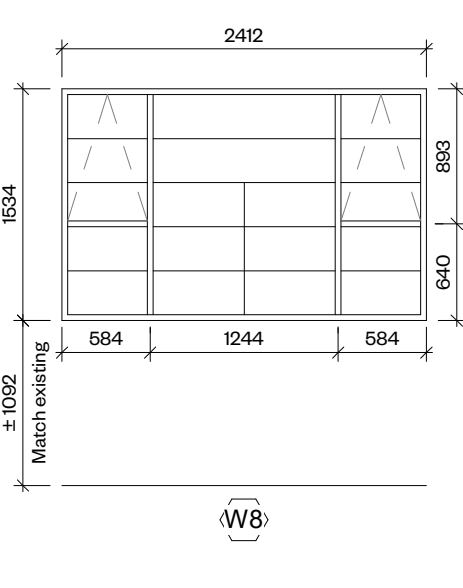
W4



W5



W7



W8

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| Rev | Description | Date |
|-----|---------------------|------------|
| 1 | 75% Review | 2026.01.26 |
| 2 | Issued for Permit | 2026.02.24 |
| 3 | Reissued for Permit | 2026.04.30 |
| 4 | Issued for Tender | 2026.04.30 |

Legend

Existing building to remain

Not in Contract

Symbols Legend

WX Window tag - refer to Window Schedule

(E) Existing

N.J.C. Not in Contract

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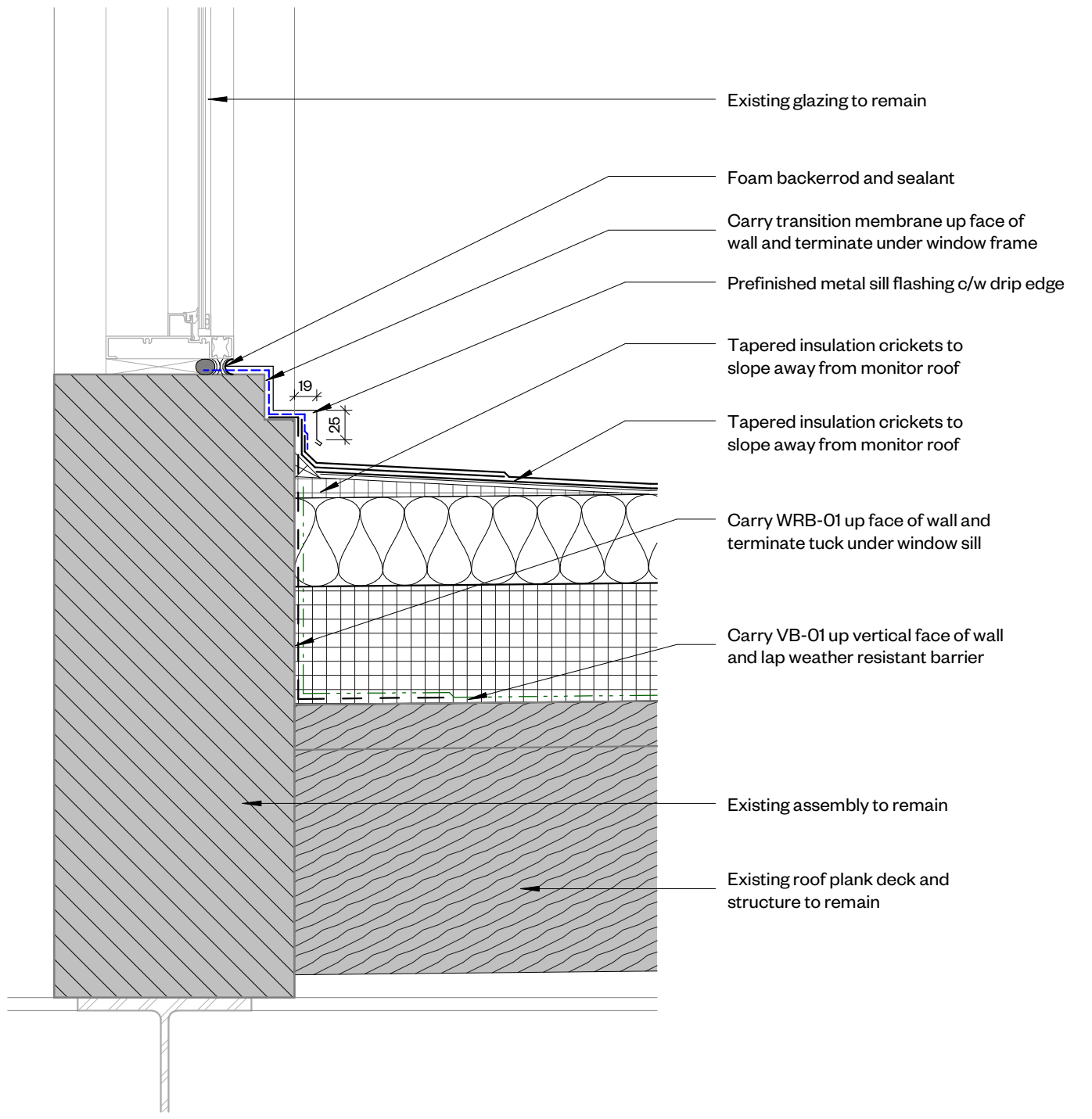
69 Brant Street

| | |
|---------------|---------------|
| PROJECT CODE: | SCALE: |
| 2519 | As indicated |
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| Apr 2026 | Permit/Tender |

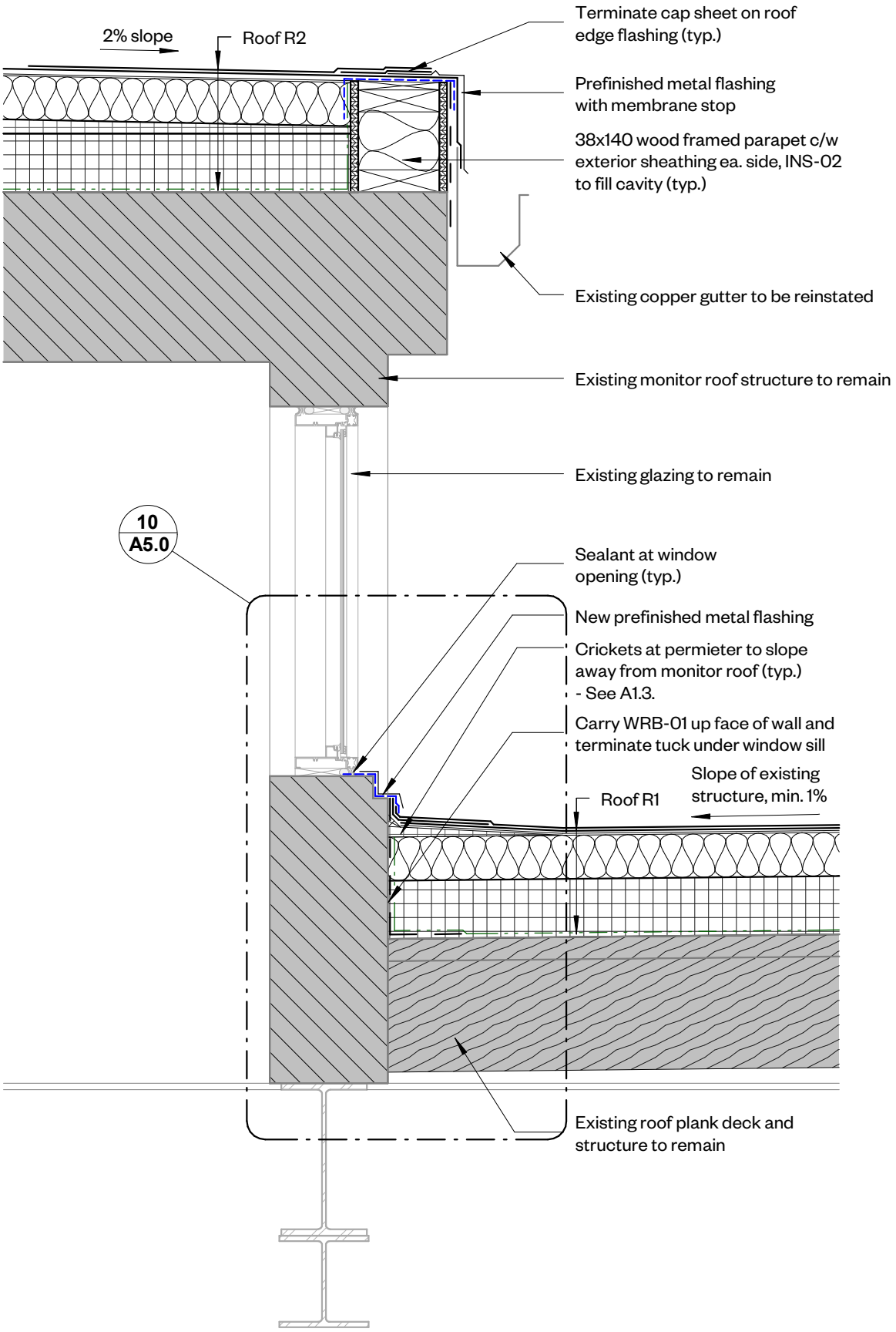
Building Elevations & Window Schedule

drawing number

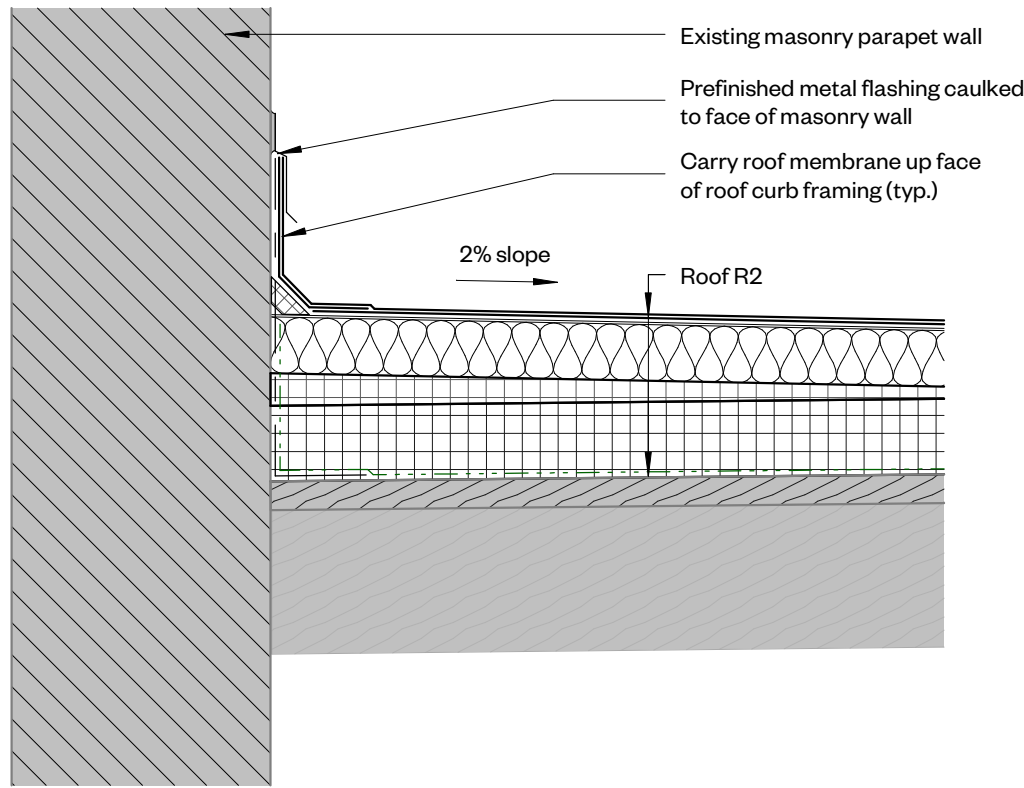
A3.0



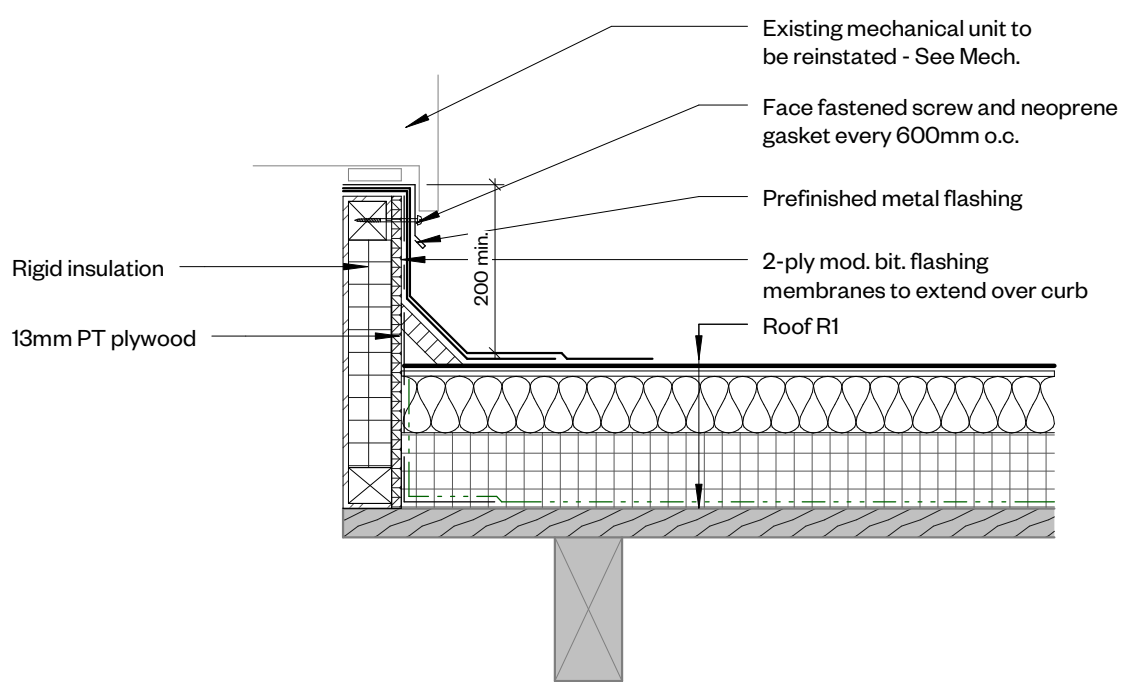
10 Section Detail - Window Sill @ Monitor Roof
1 : 5



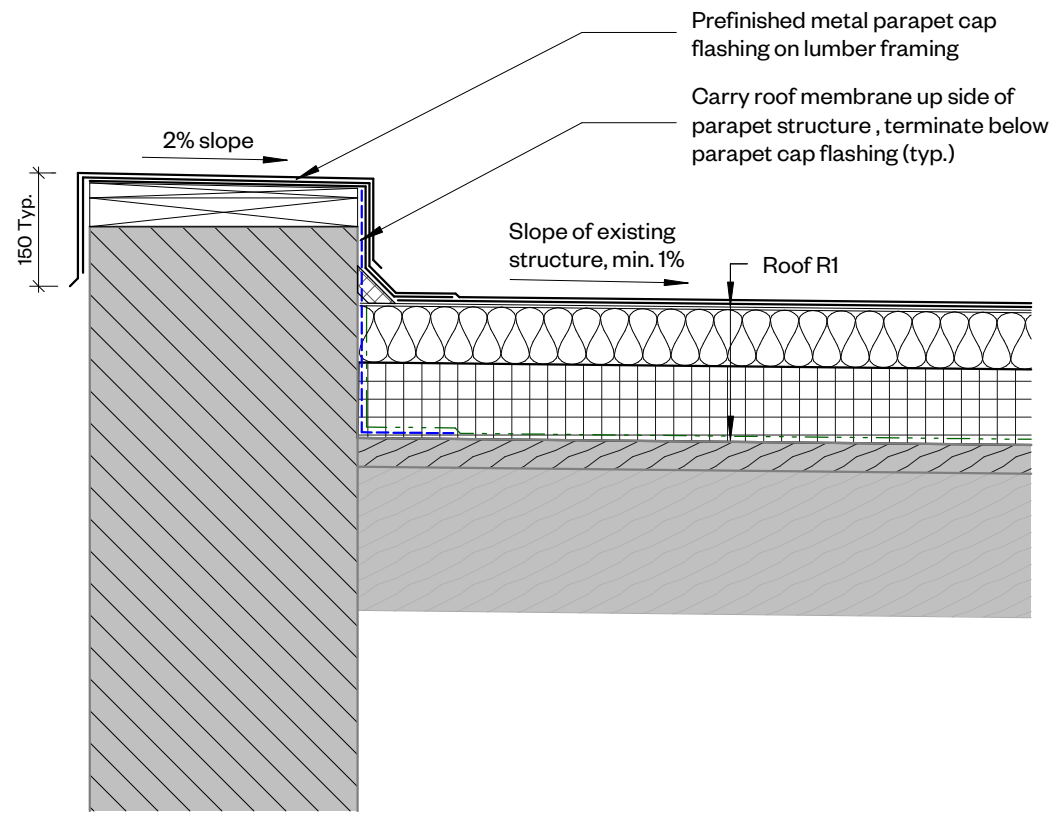
8 Section Detail - Roof R1 @ Monitor Roof
1 : 10



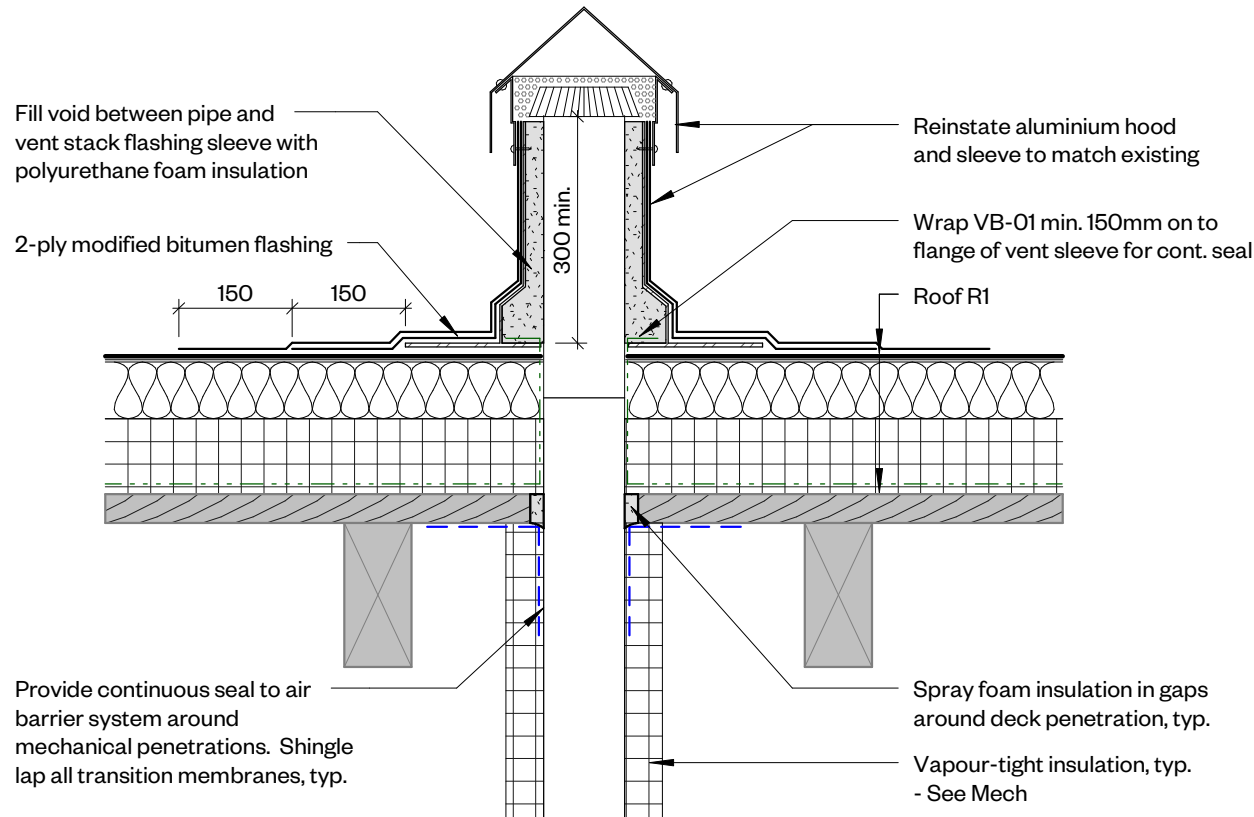
6 Section Detail - Roof R2 @ Low Roof Membrane Termination
1 : 10



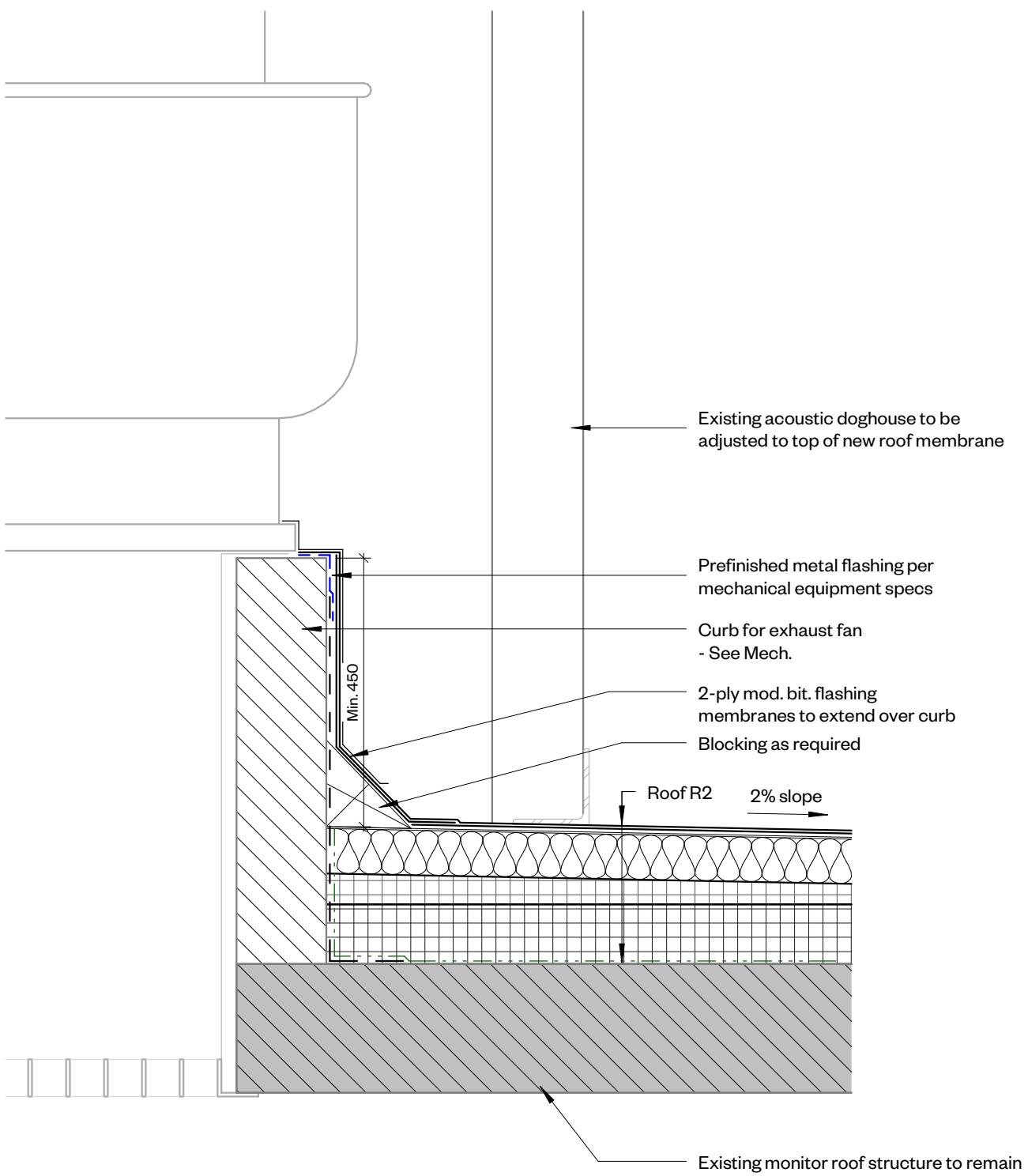
3 Detail Section - Roof curb @ mechanical units
1 : 10



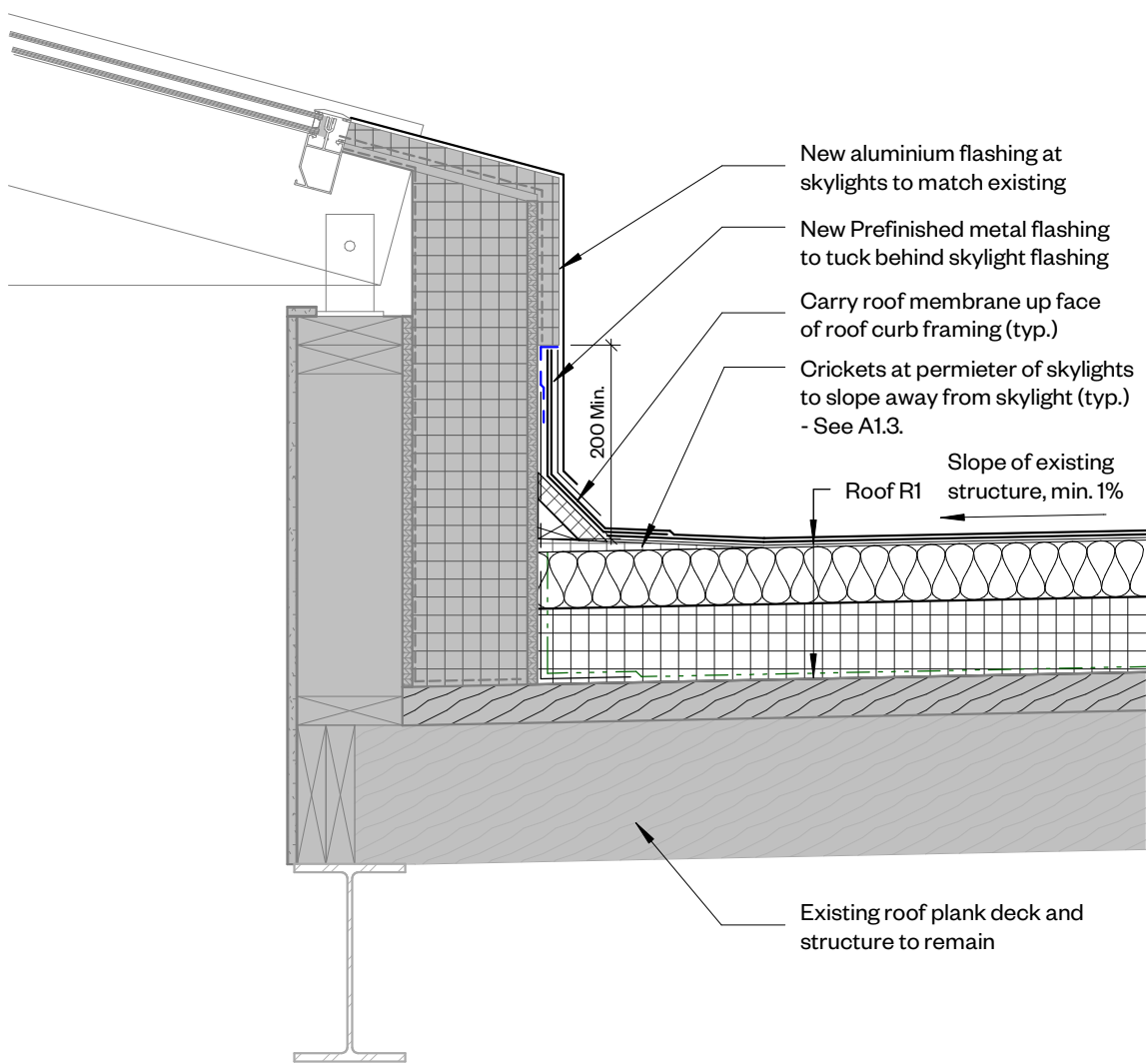
5 Section Detail - Roof R1 @ Parapet Wall
1 : 10



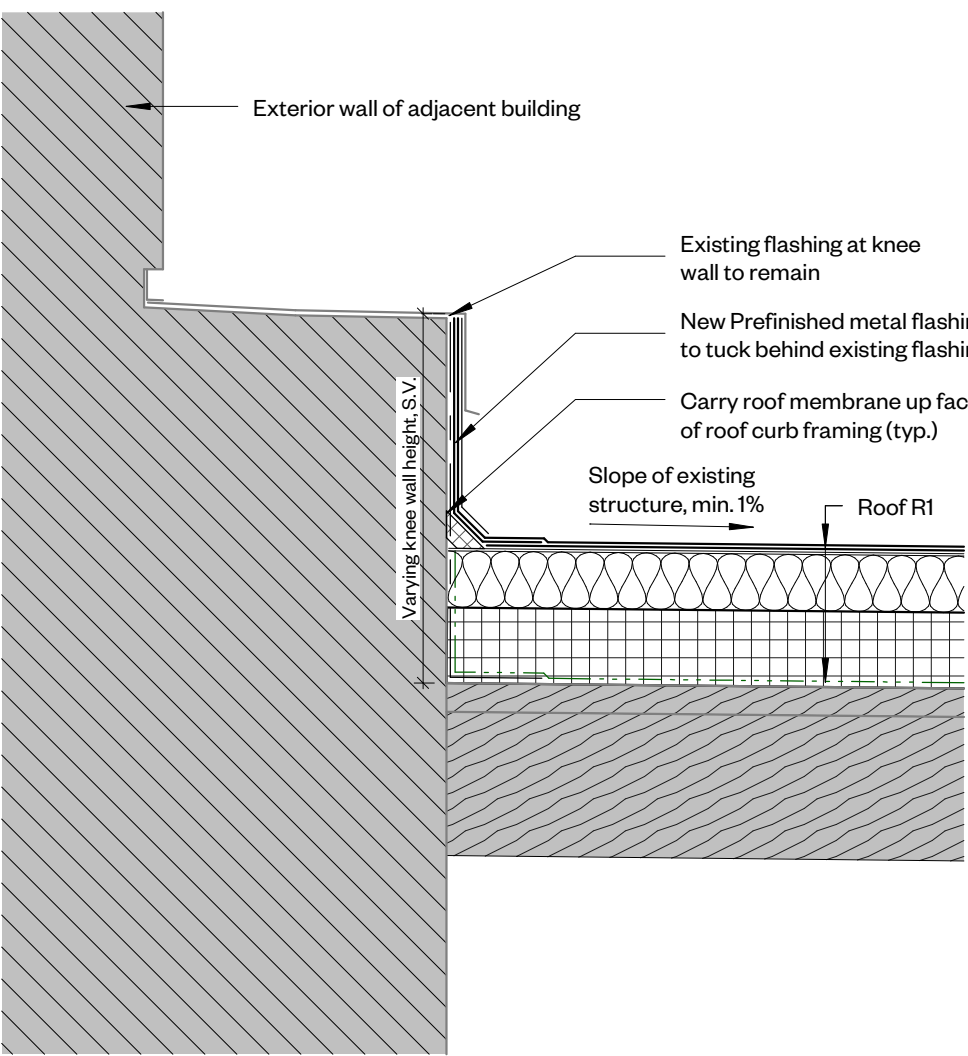
2 Detail Section - Roof Vent
1 : 10



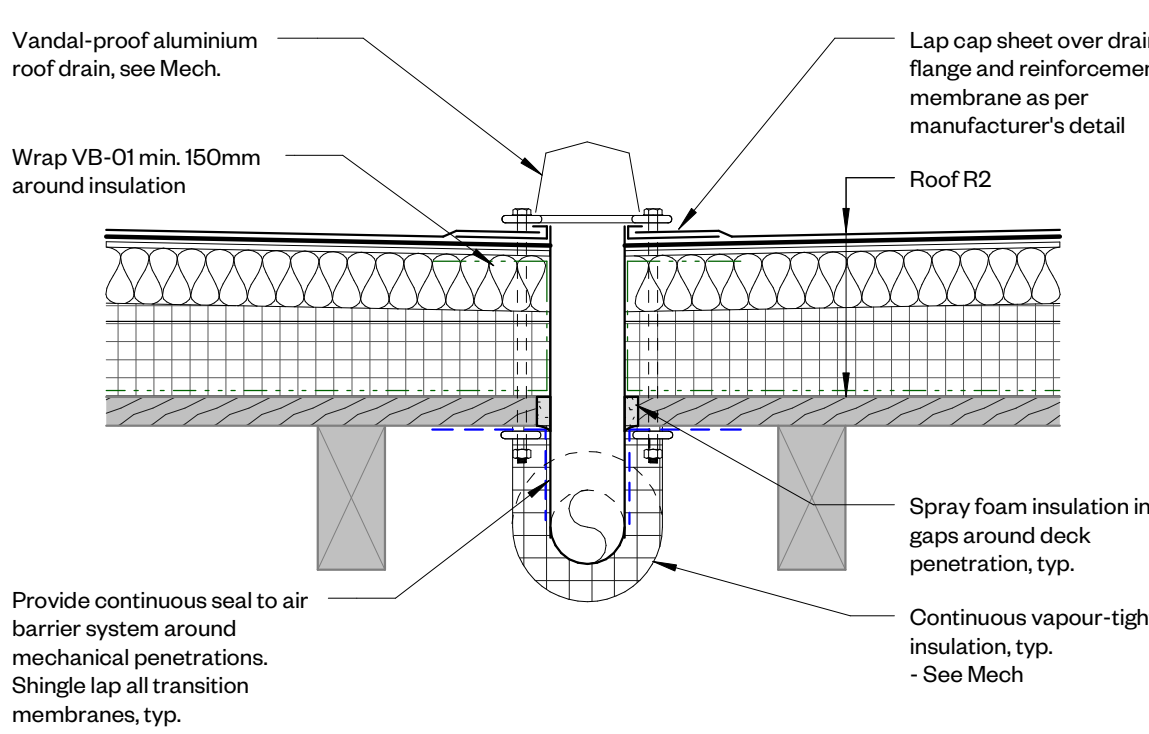
9 Section Detail - Roof R2 @ Monitor Roof Upblast Fan
1 : 10



7 Section Detail - Roof R1 @ Skylight
1 : 10



4 Section Detail - Parapet @ adjacent building
1 : 10



1 Detail Section - Roof Drain
1 : 10

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|-----|-------------------|------------|
| 1 | 75% Review | 2026.01.26 |
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| 4 | Issued for Tender | 2026.04.30 |

| Membrane Legend | |
|-------------------------|--|
| --- (dashed red line) | AVB-01 - Vapour permeable air/weather barrier (at above-grade walls) |
| --- (dashed blue line) | AVB-02 - Transition membrane (at openings/transitions) |
| --- (dashed green line) | VB-01 - Vapour Barrier |
| --- (dashed black line) | WRB-01 - Weather resistant barrier |

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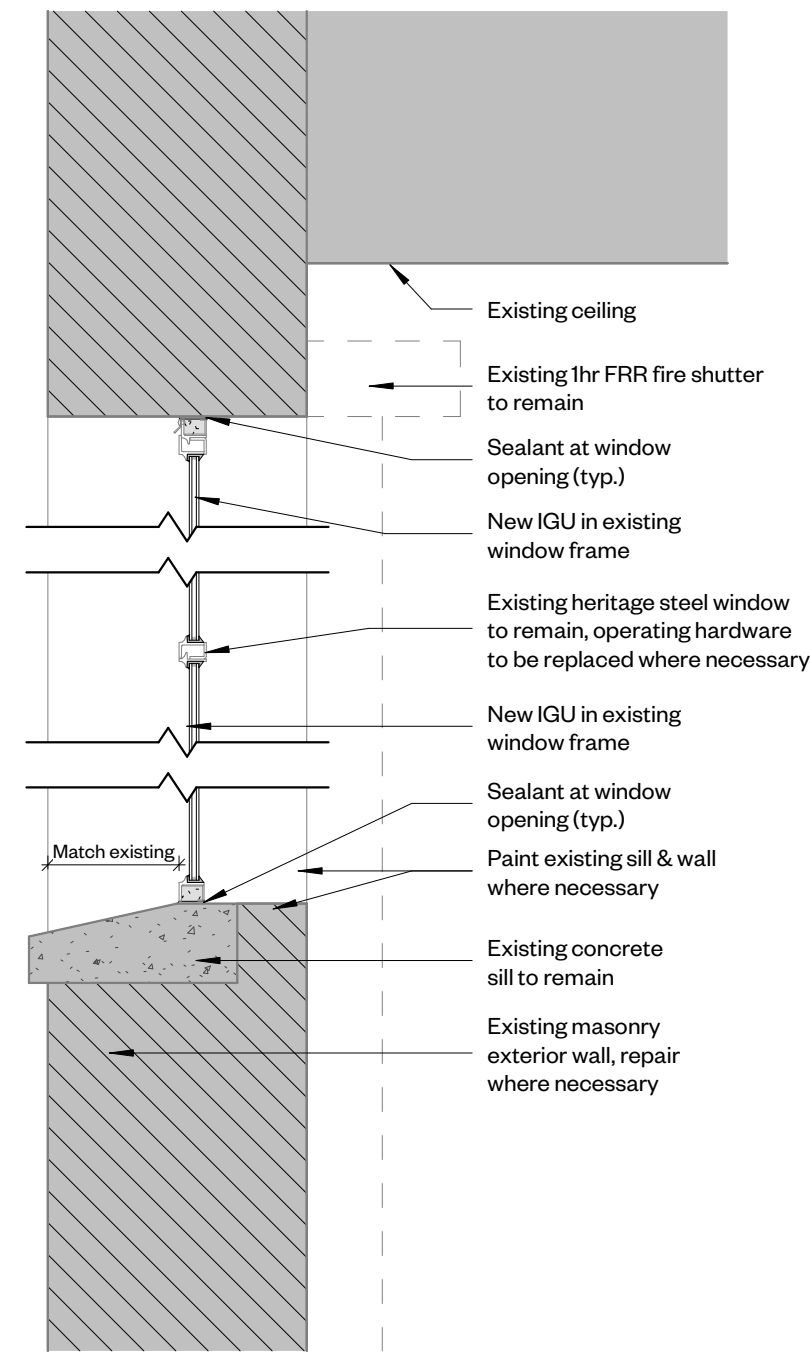
69 Brant Street

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|---------------|---------------|
| PROJECT CODE: | SCALE: |
| 2519 | As indicated |
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| Apr 2026 | Permit/Tender |

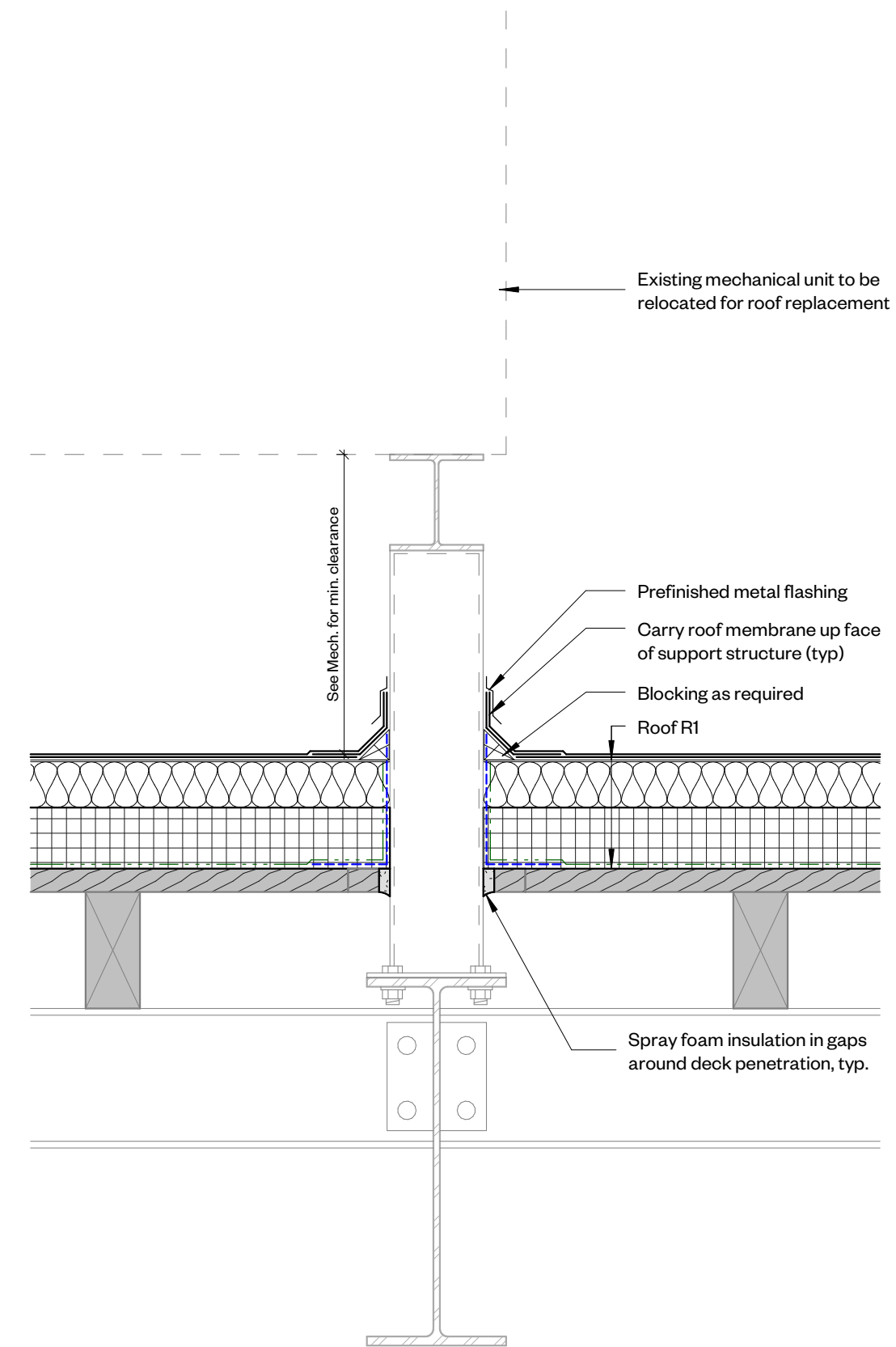
Details and Sections

drawing number

A5.0



4 Section Detail - New Windows @ Existing Openings
1 : 10



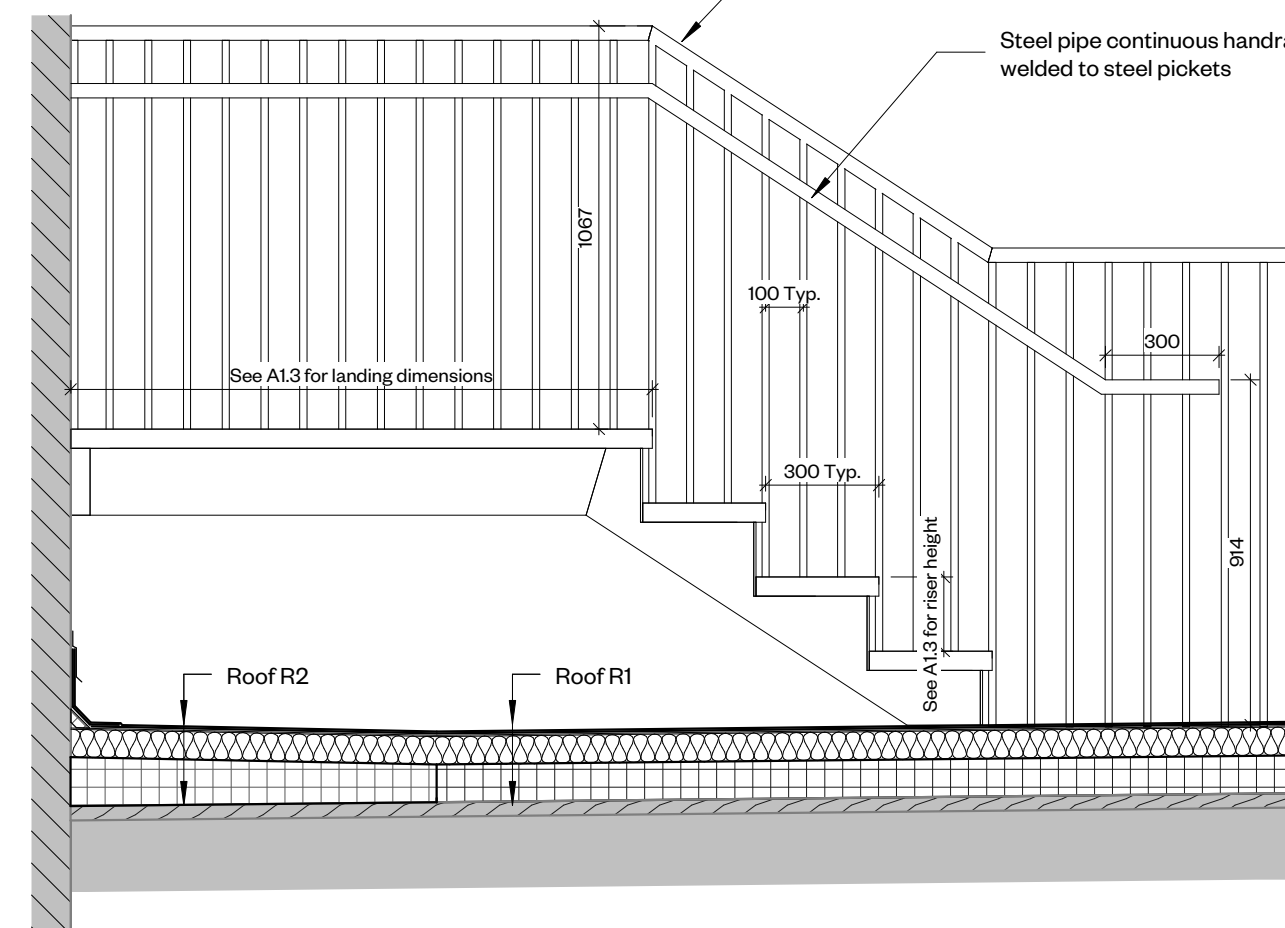
2 Section Detail - Roof R1 @ Mechanical Unit
1 : 10

All exposed edges & continuous welds to be ground smooth.

All steel to be galvanized at exterior stairs.

Delegated Engineering Design
Steel stairs and guard designed by misc. metal.
— Provide shop drawings stamped by a Licensed Professional engineer registered in the Province of Ontario.

Steel pipe continuous handrail
welded to steel pickets



1 Section Detail - Metal Service Stairs
1 : 20

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| Rev | Description | Date |
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| 2 | Issued for Permit | 2026.02.24 |
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| 4 | Issued for Tender | 2026.04.30 |

Membrane Legend

| | |
|-------|---|
| ----- | AVB-01 - Vapour permeable air/weather barrier (at above-grade walls) |
| ----- | AVB-02 - Transition membrane (at openings/transitions) |
| ----- | VB-01 - Vapour Barrier |
| ----- | WRB-01 - Weather resistant barrier |

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60 Brant Street

| | |
|----------------|---------------|
| PROJECT CODE : | SCALE : |
| 2519 | As indicated |
| DATE : | STATUS : |
| Apr 2026 | Permit/Tender |

Details and Sections

| MECHANICAL LEGEND | | |
|--|--|---|
| HEATING, VENTILATION AND AIR CONDITIONING (HVAC) | | |
| | RIGID DUCTWORK | |
| | ACOUSTICALLY LINED DUCTWORK | |
| | FLEXIBLE ROUND DUCTWORK | |
| | SUPPLY DUCTWORK RISER UP | |
| | EXHAUST/RETURN DUCTWORK RISER UP | |
| | SUPPLY DUCTWORK RISER DOWN | |
| | EXHAUST/RETURN DUCTWORK RISER DOWN | |
| | BALANCING DAMPER | |
| | SPLITTER DAMPER | |
| | DOOR UNDERCUT | |
| | DOOR GRILLE | |
| | CAPPED DUCTWORK | |
| | SPIN-ON FITTING WITH BALANCING DAMPER | |
| | SUPPLY AIR DIFFUSER | |
| | RETURN/EXHAUST AIR GRILLE | |
| | FLEXIBLE CONNECTION | |
| | SUPPLY AIR GRILLE – WALL-MOUNTED | |
| | RETURN AIR GRILLE – WALL-MOUNTED | |
| | FLEXIBLE DUCT CONNECTION TO RIGID DUCTWORK | |
| | SQUARE ELBOW WITH AIR TURNING VANES | |
| | FUSIBLE LINK FIRE DAMPER WITH ACCESS DOOR IN DUCT | |
| | MOTORIZED DAMPER | |
| | BACK DRAFT DAMPER | |
| | BALANCING DAMPER | |
| | BRANCH TAKE-OFF WITH ADJUSTABLE SPLITTER DAMPER IN SUPPLY DUCT | |
| | OPEN ENDED DUCT WITH BALANCING DAMPER AND BELLMOUTH INLET | |
| | AIR HANDLING UNIT SILENCER AS PER SILENCER SCHEDULE | |
| | A-84 25 | — DENOTES DIFFUSER TYPE — DENOTES AIRFLOW (IN L/S) — DENOTES NECK SIZE. DUCTWORK TO MATCH. |
| | ① | THERMOSTAT TIED TO THE BAS SYSTEM |
| | T | STANDALONE THERMOSTAT |
| | P | PUMP |
| | HWS | HOT WATER SUPPLY – HEATING |
| | HWR | HOT WATER RETURN – HEATING |
| | HWRR | HOT WATER REVERSE RETURN – HEATING |
| | GLS | GLYCOL SUPPLY (40% PROPYLENE) |
| | GLR | GLYCOL RETURN (40% PROPYLENE) |
| | CD | CONDENSATE LINE |
| | G | NATURAL GAS LINE |
| | GV | NATURAL GAS VENT LINE |
| | | ISOLATION VALVE. TYPE AS PER SPECIFICATION |
| | | BALANCING VALVE |
| | | STRAINER |
| | | PRESSURE REDUCING VALVE |
| | | AUTOMATIC 2-WAY CONTROL VALVE |
| | | AUTOMATIC 3-WAY CONTROL VALVE |
| | | CHECK VALVE |
| | | UNION |
| | X | MANUAL AIR VENT |
| | | DENOTES EXISTING PIPING TO BE REMOVED |
| | | DENOTES EXISTING PIPING TO REMAIN |
| | | DENOTES NEW PIPING |
| | | GAS METER |
| | | PROPANE METER |
| | | ELECTRIC HEAT TRACING; DIVISION 15 UNLESS OTHERWISE NOTED |
| | PG | PRESSURE GAUGE |
| | TG | THERMOMETER |
| | UP | PIPE UP |
| | DN | PIPE DOWN |

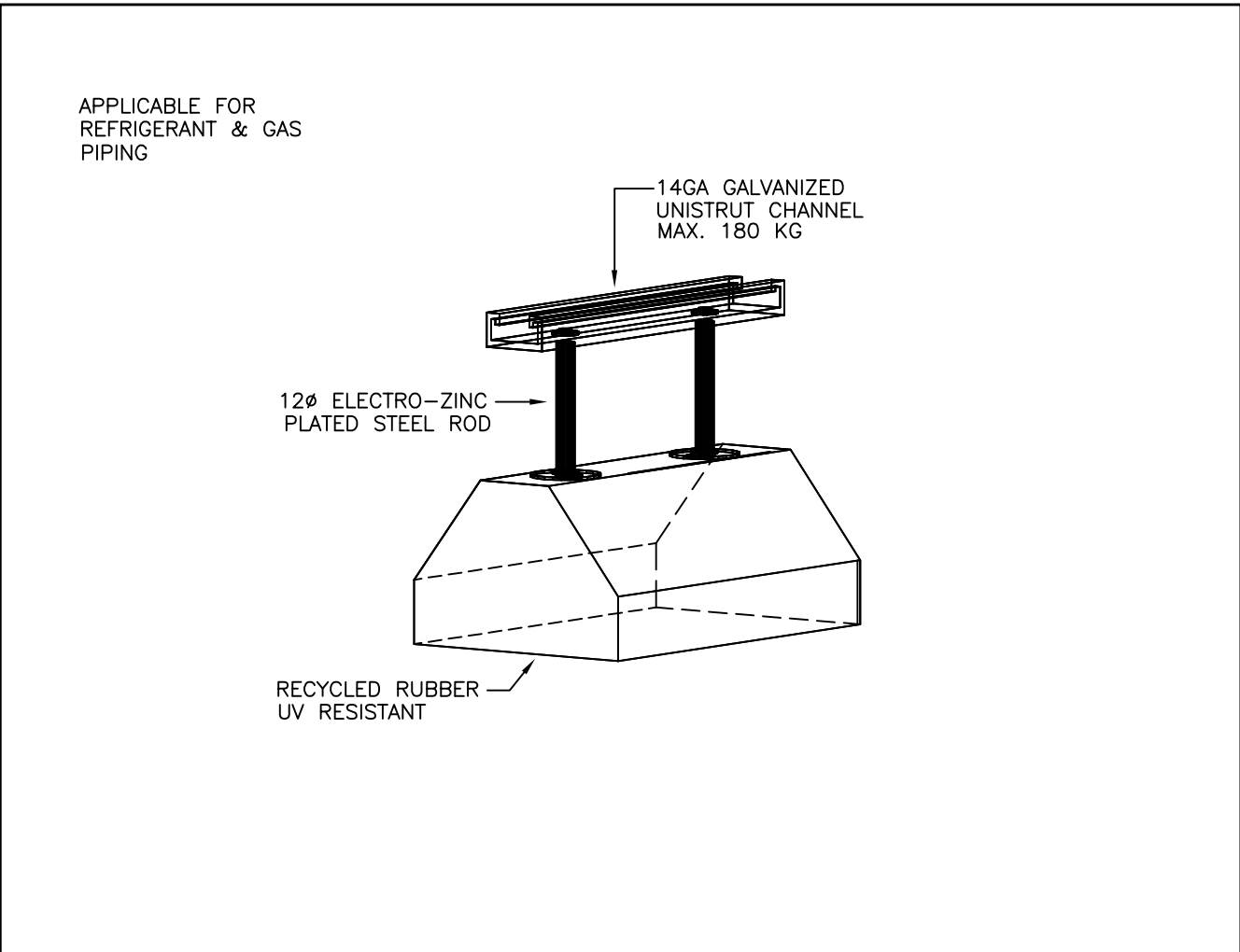
| MECHANICAL LEGEND | |
|--|--|
| HEATING, VENTILATION AND AIR CONDITIONING (HVAC) | |
| CV-A 7000 0.15 | WALL FIN HEATER CV-A DENOTES TYPE 7000 DENOTES HEAT OUTPUT IN WATTS 0.15 DENOTES FLOW RATE IN L/S |
| FFH-A | FORCED FLOW HEATER FFH-A DENOTES TYPE REFER TO FORCED FLOW HEATER SCHEDULE FOR HEAT OUTPUT AND FLOW RATE |
| 1-101 4 125 75 | VAV BOX |
| PLUMBING AND DRAINAGE | |
| STM | ABOVE-GROUND STORM |
| STM | UNDERGROUND STORM |
| SAN | ABOVE-GROUND SANITARY |
| SAN | UNDERGROUND SANITARY |
| PUMPED SAN | PUMPED SANITARY |
| | RUNNING TRAP |
| | PLUMBING TRAP |
| V | SANITARY VENT |
| ICO | SANITARY CLEANOUT IN ACCESSIBLE CEILING SPACE |
| CO | SANITARY CLEANOUT IN SLAB |
| | DOMESTIC COLD WATER |
| | DOMESTIC HOT WATER |
| | DOMESTIC HOT WATER RECIRCULATION |
| BFP | BACKFLOW PREVENTER – SUITABLE FOR SERVICE INTENDED |
| W | WATER METER |
| HB | HOSE BIBB |
| NFHB | NON-FREEZE HOSE BIBB |
| VTR | VENT THROUGH ROOF |
| RWL | RAIN WATER LEADER |
| FD | FLOOR DRAIN |
| FFD | FUNNEL FLOOR DRAIN |
| RD | ROOF DRAIN |
| CONTROLS | |
| | BAS – TEMPERATURE SENSOR – IN PIPING |
| C/S | BAS – CURRENT SENSOR |
| P/S | BAS – PRESSURE SWITCH |
| F/S | BAS – FLOW SWITCH |
| AI | BAS – ANALOG INPUT |
| AO | BAS – ANALOG OUTPUT |
| DI | BAS – DIGITAL INPUT |
| DO | BAS – DIGITAL OUTPUT |
| FIRE PROTECTION | |
| FE | FIRE EXTINGUISHER IN ENCLOSURE C/W MOUNTING BRACKET |
| FE | FIRE EXTINGUISHER C/W MOUNTING BRACKET |
| FB | FIRE BLANKET |
| ACRONYMS | |
| LABEL | DESCRIPTION |
| AD | ACCESS DOOR |
| AC | AIR CONDITIONER |
| BD | BALANCING DAMPER |
| BDD | BACKDRAFT DAMPER |
| CAP | CAP EXISTING SERVICE |
| CD | CONDENSATE |
| CTE | CONNECT TO EXISTING |
| CUT | CUT POINT |
| DF | DRINKING FOUNTAIN |
| EA | EXHAUST AIR |
| EX | EXISTING |
| FD | FIRE DAMPER |
| FE | FIRE EXTINGUISHER |
| FS | FLOW SWITCH |
| HHS | HAND-HELD SHOWER |
| LV | LAVATORY |
| MD | MOTORIZED DAMPER |
| NO | NORMALLY OPEN |
| NC | NORMALLY CLOSED |
| OA | OUTDOOR AIR |
| PG | PRESSURE GAUGE |
| RWL | RAIN WATER LEADER |
| REM | REMOVE |
| RP | REPLACE |
| RA | RETURN AIR |
| SA | SUPPLY AIR |
| SV | SUPERVISED VALVE |
| TYP | TYPICAL |
| UV | UNIT VENTILATOR |
| VTR | VENT THROUGH ROOF |
| WD | WASHER-DRYER UNIT |
| WC | WATER CLOSET |

| | |
|--|--|
| GENERAL NOTES: | |
| <p>1. ALL DEMOLITION AND NEW WORK SHALL BE COORDINATED WITH ALL TRADES PRESENT ON SITE. CONSTRUCT NEW SERVICES AND LOCATE NEW EQUIPMENT IN SUCH A WAY THAT IT DOES NOT CONFLICT WITH WORK OF OTHER DIVISIONS AND/OR THE OPERATION/MAINTENANCE OF WORK/MATERIAL SUPPLIED BY OTHER DIVISIONS.</p> <p>2. IT IS MANDATORY FOR THE MECHANICAL CONTRACTOR TO VISIT THE SITE PRIOR TO BIDDING AND REVIEW EXISTING CONDITIONS AND DEMOLITION SCOPE OF WORK TO SUIT EXISTING ARCHITECTURAL, ELECTRICAL, STRUCTURAL AND MECHANICAL SITE CONDITIONS, DRAWINGS, SPECIFICATIONS AND ALL CONTRACT DOCUMENTS. NO EXTRA WILL SUBSEQUENTLY BE ALLOWED TO COVER ANY SUCH ERROR, OMISSION AND/OR OVERSIGHT FOR NOT HAVING MADE A THOROUGH INSPECTION OF THE GROUNDS, EXISTING CONDITIONS, DRAWINGS, SPECIFICATION AND DESIGN INTENT. THE ELECTRICAL CONTRACTOR SHALL NOTE THAT THE EXISTING BUILDING WILL REMAIN IN OPERATION THROUGHOUT DEMOLITION/CONSTRUCTION. ALLOW FOR ANY WORK REQUIRED TO BE DONE WHICH MAY AFFECT POWER SUPPLY AND OPERATION OF THE BUILDING TO BE CARRIED OUT AFTER HOURS OR AT A TIME CONVENIENT TO THE BUILDING MANAGEMENT. PROVIDE TEMPORARY SERVICES AS REQUIRED TO ENSURE CONTINUED OPERATION AT ALL TIMES.</p> <p>3. CAREFULLY EXAMINE OTHER EXISTING UTILITY LINES SUCH AS GAS, WATER ETC. PRIOR TO STARTING ANY WORK.</p> <p>4. THESE DRAWINGS SHALL BE READ & PRICED IN CONJUNCTION WITH ALL DRAWINGS AND SPECIFICATIONS FORMING THE CONTRACT AS WELL AS ALL OTHER DOCUMENTS FORMING THIS BID. NO EXTRA COST WILL BE ACCEPTED IN FAILURE TO OBTAINING AND/OR REVIEW OF SUCH DOCUMENTS. REFER TO ARCHITECTURAL, ELECTRICAL, FIRE PROTECTION STRUCTURAL AND MECHANICAL LAYOUTS IN CONJUNCTION FOR EXACT LOCATION OF ALL EQUIPMENT. REPORT ANY DISCREPANCIES TO THE MECHANICAL ENGINEER PRIOR TO COMMENCING WORK. NO EXTRA WILL BE PROVIDED AS A RESULT OF A FAILURE TO DO SO.</p> <p>5. IT IS MANDATORY THAT ALL WORK COMPLY WITH ALL APPLICABLE CODES AND, BASE BUILDING (BOARD) STANDARDS AND THE STANDARDS SET BY ANY AND ALL LOCAL AUTHORITIES HAVING JURISDICTION.</p> <p>6. ARRANGE FOR ALL INSPECTIONS REQUIRED BY AUTHORITIES HAVING JURISDICTION AS MANDATED BY CODES OR THE REQUIREMENTS OF THE AUTHORITIES. ATTEND ALL INSPECTIONS AND FURNISH ALL MATERIALS AND LABOUR REQUIRED TO COMPLETE THE INSPECTIONS TO THE SATISFACTION OF THE AUTHORITIES.</p> <p>7. WHERE NEW PARTITIONS ARE BEING CONSTRUCTION, ALL NEW SERVICES SHALL BE CONCEALED IN SUCH PARTITIONS WHERE FEASIBLE AND PERMITTED BY CODE. ALL SERVICES SPECIFIED TO BE INSULATED SHALL BE CONCEALED WITH INSULATION.</p> <p>8. IN THE EVENT OF ANY DISCREPANCY BETWEEN THE MECHANICAL DRAWINGS AND SPECIFICATIONS, ALLOW FOR THE HIGHEST-PRICED OPTION IN THE TENDER PRICE.</p> <p>9. ALL EQUIPMENT AND SERVICES SHALL BE STARTED-UP BY THE CONTRACTOR AND BY THE APPROPRIATE AGENCIES REQUIRED FOR CONDUCTING SUCH START-UPS. PROVIDE A MINIMUM OF 10 BUSINESS DAYS NOTICE TO THE MECHANICAL ENGINEER OF NEW EQUIPMENT/ SERVICES START-UPS.</p> <p>10. FURNISH ALL MATERIAL AND EQUIPMENT AS SPECIFIED, EXCEPT WHERE SPECIFIC APPROVAL FOR SUBSTITUTION IS GIVEN IN WRITING BY THE OWNER.</p> <p>11. COORDINATE DISRUPTION OF MECHANICAL SERVICES (GAS, VENTILATION, ETC.) WITH THE PROJECT SUPERVISOR WITH AT MINIMUM 5 DAYS ADVANCED NOTICE. SEEK APPROVAL PRIOR TO EXECUTION.</p> | |

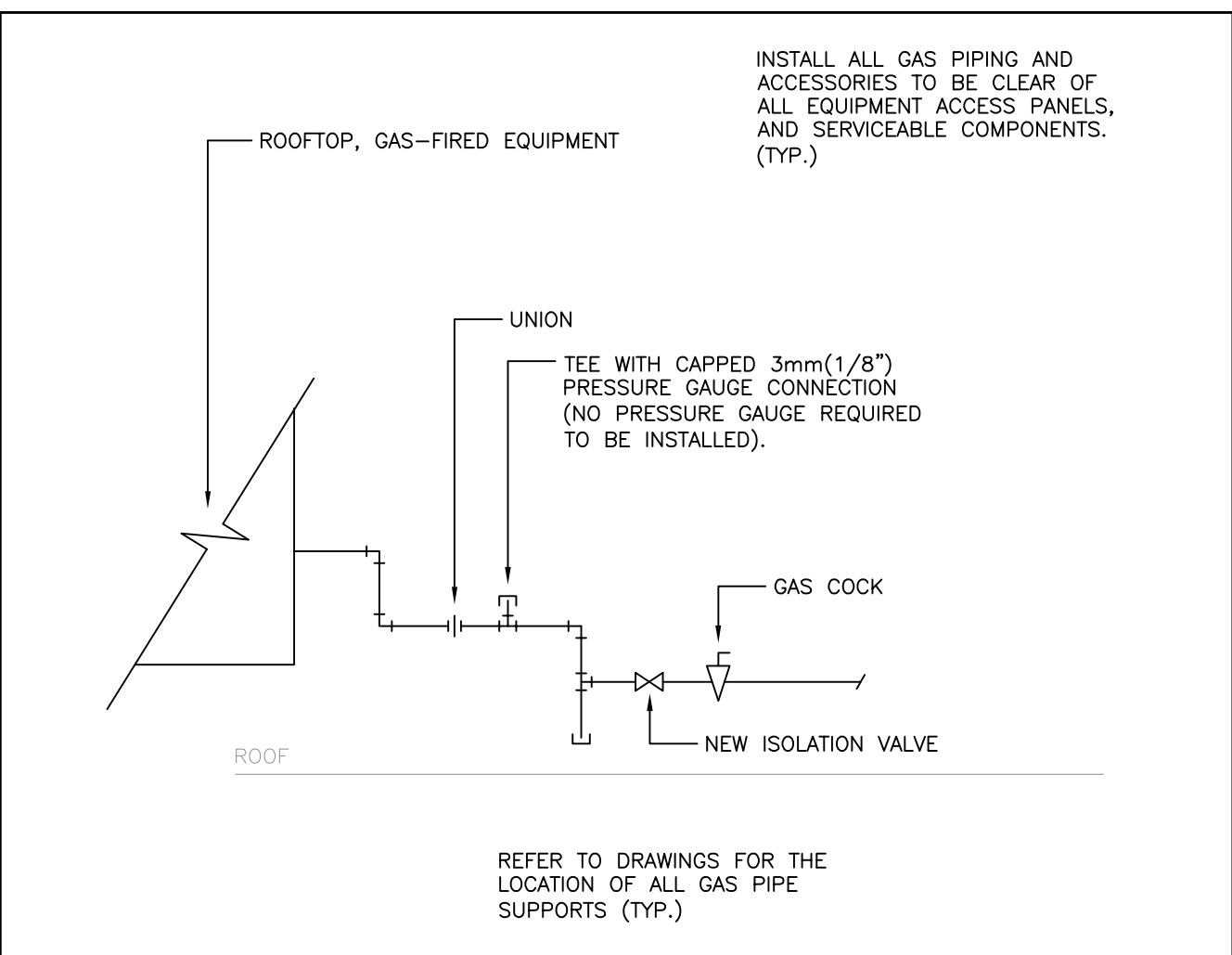
| DRAWING LIST | |
|----------------|--------------------------------------|
| DRAWING NUMBER | DESCRIPTION |
| M1 | MECHANICAL LEGEND, NOTES AND DETAILS |
| M2 | ROOF – EXISTING MECHANICAL PLAN |
| M3 | ROOF – NEW MECHANICAL PLAN |
| M4 | SITE PHOTOS |
| M5 | SITE PHOTOS |

| PRE-CONSTRUCTION ASSESSMENT REPORT | |
|--|--|
| <p>WITHIN 10 DAYS BEFORE STARTING CONSTRUCTION:</p> <p>1. CONDUCT AN ASSESSMENT REPORT TO IDENTIFY THE CONDITION AND OPERATING STATUS OF ALL EQUIPMENT THAT WILL BE TEMPORARILY REMOVED AS PART OF THIS PROJECT.</p> <p>2. CONDUCT AN ASSESSMENT REPORT OF ALL AIR HANDLING UNITS AND OTHER MECHANICAL EQUIPMENT SERVING THE AREAS OF WORK TO IDENTIFY THE CONDITION AND OPERATING STATUS OF ALL EQUIPMENT.</p> <p>PROVIDE A COPY OF THE ABOVE REPORTS TO THE ENGINEER PRIOR TO STARTING AND CONSTRUCTION ON SITE AND WITHIN THE 10-DAY PERIOD BEFORE STARTING CONSTRUCTION. FAILURE TO DO SO WILL RESULT IN THE CONTRACTOR REQUIRING TO COMPLETE ALL REPAIRS TO EQUIPMENT FOUND TO BE FAULTY OR REQUIRING REPAIRS AT NO COST TO THE OWNER AT THE CONCLUSION OF THE PROJECT.</p> | |

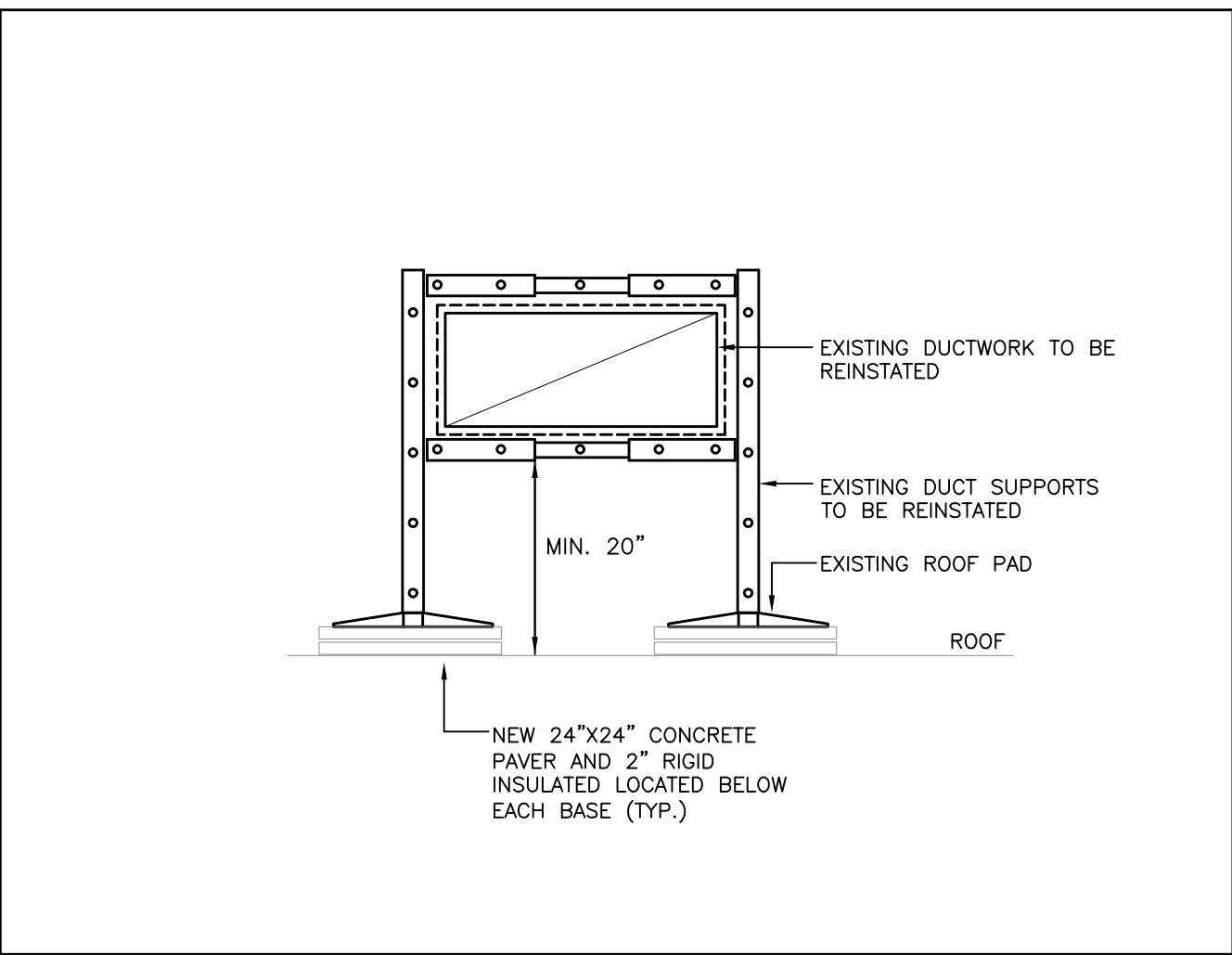
| BUILDING AUTOMATION WORK | |
|--|--|
| <p>RETAIN THE SERVICES OF THE BASE BUILDING BUILDING AUTOMATION CONTRACTOR FOR ALL BAS-RELATED WORK. INCLUDE ALL COSTS OF THE CONTRACTOR IN THE BASE TENDER PRICE FOR ALL DISCONNECTIONS, RECONNECTIONS AND TESTING.</p> | |



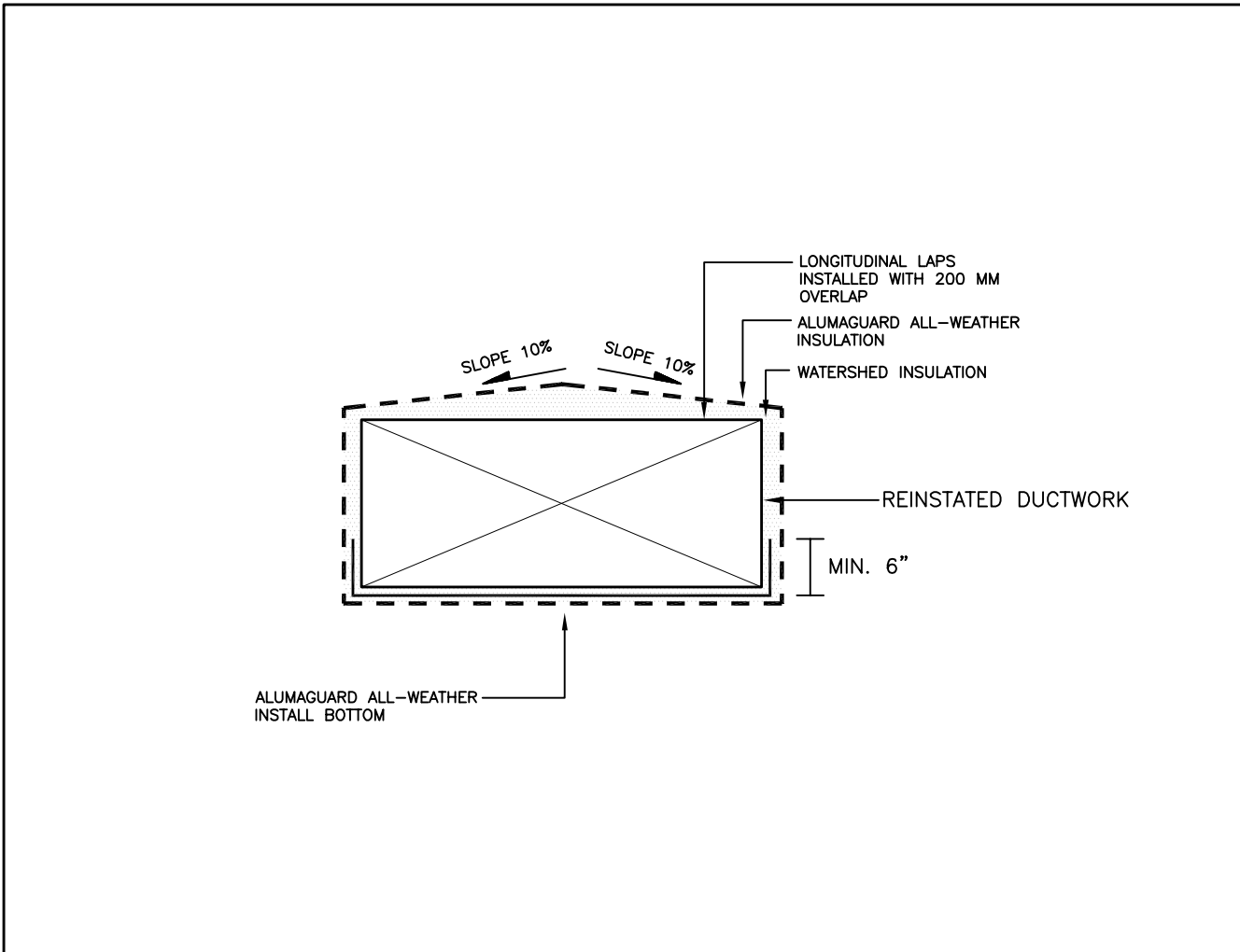
1 ROOFTOP PIPING SUPPORT – REFRIGERANT & NATURAL GAS PIPING
M1 SCALE: N.T.S.



2 GAS PIPE CONNECTION DETAIL – ROOFTOP EQUIPMENT
M1 SCALE: N.T.S.



3 ROOFTOP DUCTWORK SUPPORT DETAILS
M1 SCALE: N.T.S.



4 ROOFTOP DUCTWORK INSTALLATION AND INSULATION DETAIL
M1 SCALE: N.T.S.

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| Rev | Description | Date |
|-----|--------------|---------------|
| 1 | 90% Progress | Jan. 19, 2026 |
| 2 | Permit | Feb. 26, 2026 |
| 3 | Tender | Mar. 6, 2026 |



MECHANICAL & ELECTRICAL CONSULTANT:
SURI & ASSOCIATES LTD.
ENGINEERING CONSULTANTS

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MISSISSAUGA, ONTARIO
L5V 1C8
T (905)–290–7861
F (289)–327–3420

ELECTRICAL
MECHANICAL
LIGHTING
COMMUNICATION
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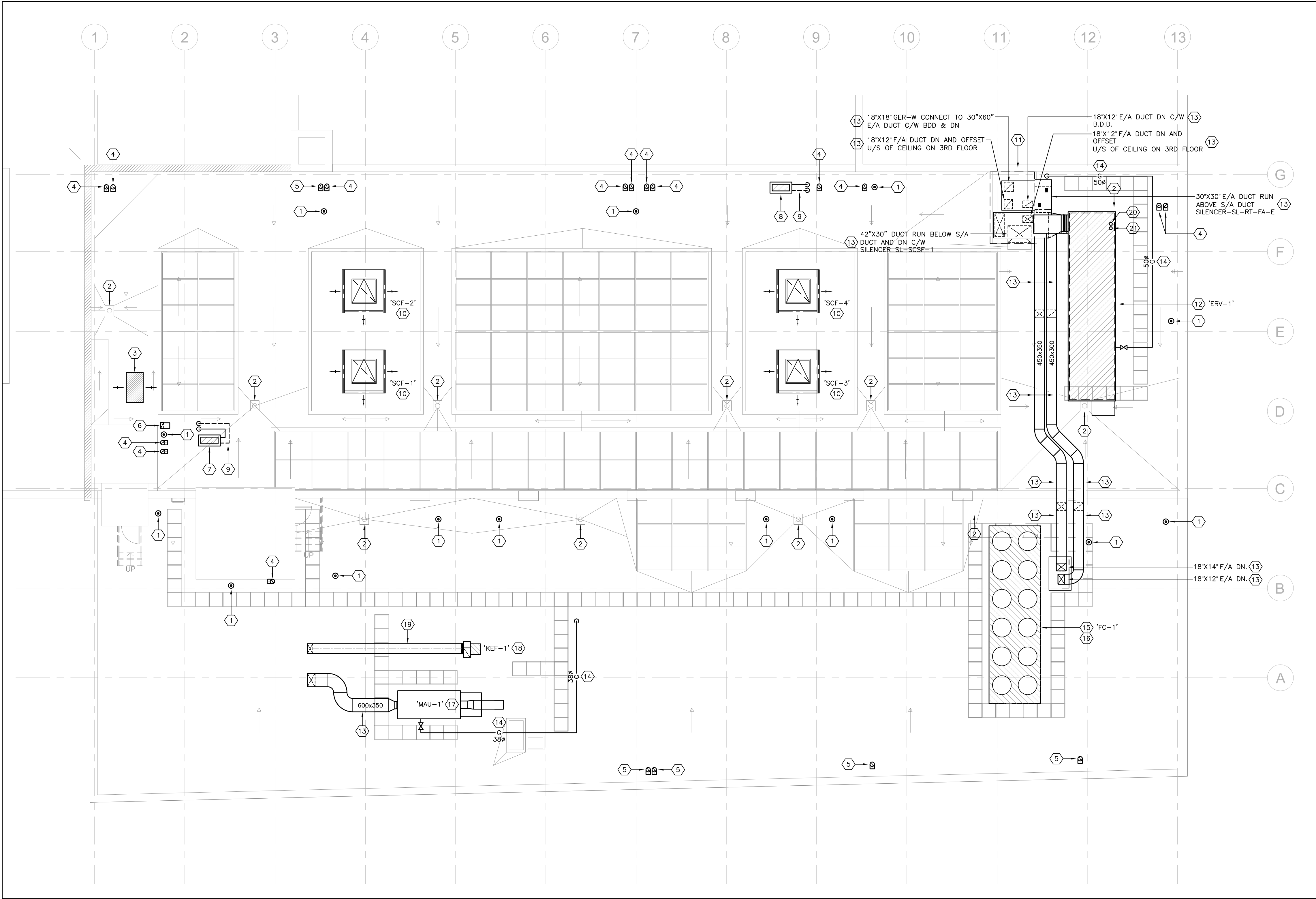
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| PROJECT CODE: | SCALE: |
| 26-126 | As indicated |
| DATE: | STATUS: |
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MECHANICAL LEGEND, NOTES AND DETAILS





1 ROOF - EXISTING MECHANICAL PLAN
M2 SCALE: 1:100

PROMPT REMOVAL AND REINSTATEMENT OF ALL ROOFTOP MECHANICAL EQUIPMENT:

IT SHALL BE NOTED THAT THE BUILDING WILL BE IN OPERATION FOR THE DURATION OF CONSTRUCTION. ANY WORK REQUIRING SHUTTING OFF OF POWER, VENTILATION OR AIR CONDITIONING SHALL BE COMPLETED DURING WEEKEND HOURS ONLY.

AS A RESULT OF THE BUILDING BEING IN OPERATION FOR THE DURATION OF CONSTRUCTION, IT WILL BE NECESSARY TO PROMPTLY REINSTATE POWER AND FIRE ALARM TO MECHANICAL EQUIPMENT AND RESTORE FUNCTIONALITY TO ALL EQUIPMENT. MINIMIZE DOWNTIME OF ANY EQUIPMENT BY EXPEDITIOUSLY REMOVING THE EQUIPMENT, STORING IT OFF SITE, COMPLETING THE ROOFING WORK LOCALLY AROUND THE MECHANICAL EQUIPMENT AND RETURNING TO SITE AND REINSTATING ALL MECHANICAL EQUIPMENT AND ALL SERVICES TO IT.

ALLOW FOR ALL NECESSARY MOBILIZATIONS AND DEMOBILIZATIONS TO ACHIEVE MINIMAL DISRUPTION TO THE FACILITY AS POSSIBLE.

DRAWING NOTES:

- EXISTING PLUMBING VENT THROUGH THE ROOF. PROTECT THROUGHOUT CONSTRUCTION. MODIFY PLUMBING VENT TO SUIT THE NEW ROOF. SEE ARCHITECTURAL DRAWINGS FOR VENT ROOFING DETAIL.
- EXISTING ROOF DRAIN. PROTECT PIPING CONSTRUCTION. REPLACE ROOF DRAIN WITH NEW. REFER TO ARCHITECTURAL DRAWINGS FOR SPECIFICATIONS. SEE ROOFING DRAWINGS FOR ROOF DRAIN ROOFING DETAIL. ENSURE A GOOD SEAL BETWEEN THE NEW ROOFING AND THE DRAIN.
- TEMPORARILY REMOVE THE EXISTING SMOKE CONTROL INTAKE AIR PENTHOUSE TO FACILITATE THE ROOF REPLACEMENT. REMOVE THE EXISTING ROOF CURB AND PROVIDE A NEW RAISED ROOF CURB TO ENSURE THE BOTTOM OF THE INTAKE AIR PENTHOUSE IS A MINIMUM OF 450mm HIGH ABOVE THE ROOF LEVEL.
- EXISTING 150# EXHAUST AIR GOOSENECK. MODIFY AND EXTEND THE DUCTWORK TO ENSURE THE BOTTOM EDGE OF THE GOOSENECK IS A MINIMUM OF 750mm ABOVE THE ROOF LEVEL.
- EXISTING 175# EXHAUST AIR GOOSENECK. MODIFY AND EXTEND THE DUCTWORK TO ENSURE THE BOTTOM EDGE OF THE GOOSENECK IS A MINIMUM OF 750mm ABOVE THE ROOF LEVEL.
- EXISTING 250x150 EXHAUST AIR GOOSENECK. MODIFY AND EXTEND THE DUCTWORK TO ENSURE THE BOTTOM EDGE OF THE GOOSENECK IS A MINIMUM OF 750mm ABOVE THE ROOF LEVEL.
- EXISTING CONDENSING UNIT (DAIKIN RX18NMVHU) IS TO BE TEMPORARILY CRANED OFF THE ROOF TO FACILITATE THE ROOF REPLACEMENT. COORDINATE WITH THE ELECTRICAL CONTRACTOR TO DISCONNECT POWER. DISCONNECT FROM THE EXISTING CONTROLS WIRING; RETAIN THE BUILDING'S BAS CONTRACTOR FOR ALL DISCONNECTION WORK. DISCONNECT FROM ALL EXISTING REFRIGERANT GAS PIPING; REMOVE ALL ROOFTOP REFRIGERANT PIPING AND ACCESSORIES (FILTERS, DRYERS, ETC.). CAP PIPING FOR THE DURATION OF CONSTRUCTION. SAFELY EVACUATE AND DISPOSE OF REFRIGERANT. MODIFY THE EXISTING PIPING TO SUIT THE NEW ROOFING; PROVIDE NEW PIPE SUPPORTS.
- EXISTING CONDENSING UNIT (DAIKIN RX24NMVHU) IS TO BE TEMPORARILY CRANED OFF THE ROOF TO FACILITATE THE ROOF REPLACEMENT. COORDINATE WITH THE ELECTRICAL CONTRACTOR TO DISCONNECT POWER. DISCONNECT FROM THE EXISTING CONTROLS WIRING; RETAIN THE BUILDING'S BAS CONTRACTOR FOR ALL DISCONNECTION WORK. DISCONNECT FROM ALL EXISTING REFRIGERANT GAS PIPING; REMOVE ALL ROOFTOP REFRIGERANT PIPING AND ACCESSORIES (FILTERS, DRYERS, ETC.). CAP PIPING FOR THE DURATION OF CONSTRUCTION. SAFELY EVACUATE AND DISPOSE OF REFRIGERANT. MODIFY THE EXISTING PIPING TO SUIT THE NEW ROOFING; PROVIDE NEW PIPE SUPPORTS.
- REMOVE ALL ROOFTOP REFRIGERANT PIPING AND ACCESSORIES (FILTERS, DRYERS, ETC.). CAP PIPING FOR THE DURATION OF CONSTRUCTION. SAFELY EVACUATE AND DISPOSE OF REFRIGERANT. MODIFY THE EXISTING PIPING TO SUIT THE NEW ROOFING; PROVIDE NEW PIPE SUPPORTS.
- TEMPORARILY REMOVE THE EXISTING SMOKE CONTROL EXHAUST FAN TO FACILITATE THE ROOF REPLACEMENT. REMOVE THE EXISTING ROOF CURB AND PROVIDE A NEW RAISED ROOF CURB TO ENSURE THE BOTTOM OF THE FAN IS A MINIMUM OF 450mm HIGH ABOVE THE ROOF LEVEL.
- TEMPORARILY REMOVE THE EXISTING SET OF FOUR (4) COMBI-VENTS FOR GAS-FIRED APPLIANCES AND A RELIEF VENT TERMINATED ON THE ROOF TO FACILITATE THE ROOF REPLACEMENT.
- TEMPORARILY REMOVE THE EXISTING 'ERV-1' AIR HANDLING UNIT (ANNEX AIR), ELECTRIC HEATER AND HUMIDIFIER TO FACILITATE THE ROOF REPLACEMENT. COORDINATE WITH THE ELECTRICAL CONTRACTOR TO DISCONNECT POWER. DISCONNECT FROM THE EXISTING CONTROLS WIRING; RETAIN THE BUILDING'S BAS CONTRACTOR FOR ALL DISCONNECTION WORK. DISCONNECT FROM ALL DUCTWORK. DISCONNECT FROM THE EXISTING GAS PIPING. DISCONNECT FROM THE EXISTING DOW AND DRAIN PIPING.
- TEMPORARILY REMOVE ALL ROOFTOP DUCTWORK AND ROOFTOP DUCTWORK SUPPORTS TO FACILITATE THE ROOF REPLACEMENT. REMOVE AND DISPOSE OF ALL DUCTWORK REPLACEMENT IN PREPARATION FOR NEWLY-INSULATED DUCTWORK.
- TEMPORARILY REMOVE THE EXISTING ROOFTOP GAS PIPING DOWN TO BELOW THE ROOF LEVEL AND CAP.
- TEMPORARILY REMOVE THE EXISTING FLUID COOLER 'FC-1' TO FACILITATE THE ROOF REPLACEMENT. DISCONNECT FROM ALL EXISTING PIPING. COORDINATE WITH THE ELECTRICAL CONTRACTOR TO DISCONNECT POWER. DISCONNECT FROM THE EXISTING CONTROLS WIRING; RETAIN THE BUILDING'S BAS CONTRACTOR FOR ALL DISCONNECTION WORK.
- TEMPORARILY REMOVE THE EXISTING 100# SUPPLY AND RETURN PIPING TO THE FLUID COOLER TO BELOW THE ROOF LEVEL AND CAP. DRAIN THE EXISTING PIPING AS NECESSARY. RETAIN ALL EXISTING VALVES AND ACCESSORIES FOR REINSTATEMENT.
- TEMPORARILY REMOVE THE EXISTING MAKE-UP AIR UNIT 'MAU-1' (ENGINEERED AIR) TO FACILITATE THE ROOF REPLACEMENT. COORDINATE WITH THE ELECTRICAL CONTRACTOR TO DISCONNECT POWER. DISCONNECT FROM THE EXISTING CONTROLS WIRING; RETAIN THE BUILDING'S BAS CONTRACTOR FOR ALL DISCONNECTION WORK. DISCONNECT FROM ALL DUCTWORK. DISCONNECT FROM THE EXISTING GAS PIPING. REMOVE THE EXISTING ROOF CURB AND PROVIDE A NEW RAISED ROOF CURB TO ENSURE THE BOTTOM OF THE MAKE-UP AIR UNIT IS A MINIMUM OF 450mm HIGH ABOVE THE ROOF LEVEL.
- TEMPORARILY REMOVE THE EXISTING KITCHEN EXHAUST FAN 'KEF-1' TO FACILITATE THE ROOF REPLACEMENT. COORDINATE WITH THE ELECTRICAL CONTRACTOR TO DISCONNECT POWER. DISCONNECT FROM THE EXISTING CONTROLS WIRING; RETAIN THE BUILDING'S BAS CONTRACTOR FOR ALL DISCONNECTION WORK. DISCONNECT FROM ALL DUCTWORK.
- TEMPORARILY REMOVE THE EXISTING WELDED KITCHEN EXHAUST DUCTWORK TO FACILITATE THE ROOF REPLACEMENT. RETAIN THE ROOFTOP DUCTWORK SUPPORTS FOR REINSTATEMENT.
- TEMPORARILY REMOVE THE EXISTING 12# DCW ELECTRIC HEAT TRACED PIPE CONNECTION TO THE HUMIDIFIER C/W SHUT-OFF VALVE, UNION AND BFP.
- TEMPORARILY REMOVE THE EXISTING 50# CONDENSATE DRAIN TO THE FUNNEL FLOOR DRAIN IN THE CEILING SPACE BELOW.

GENERAL NOTES:

- AT THE ONSET OF THE PROJECT AND PRIOR TO COMMENCING DEMOLITION, SITE VERIFY ALL DUCTWORK AND PIPING DIMENSION ON SITE. PROVIDE NEW WORK TO SUIT THE AS-FOUND SIZES.
- AT THE ONSET OF THE PROJECT AND PRIOR TO COMMENCING DEMOLITION, RETAIN THE SERVICES OF A 'TAB' AGENCY AT THE ONSET OF THE PROJECT TO VERIFY THE SUPPLY, RETURN AND EXHAUST AIRFLOW FOR ALL AIR HANDLING EQUIPMENT. PROVIDE THE TAB REPORT TO THE ENGINEER.

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| 2 | Permit | Feb. 26, 2026 |
| 3 | Tender | Mar. 6, 2026 |



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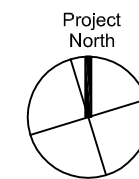
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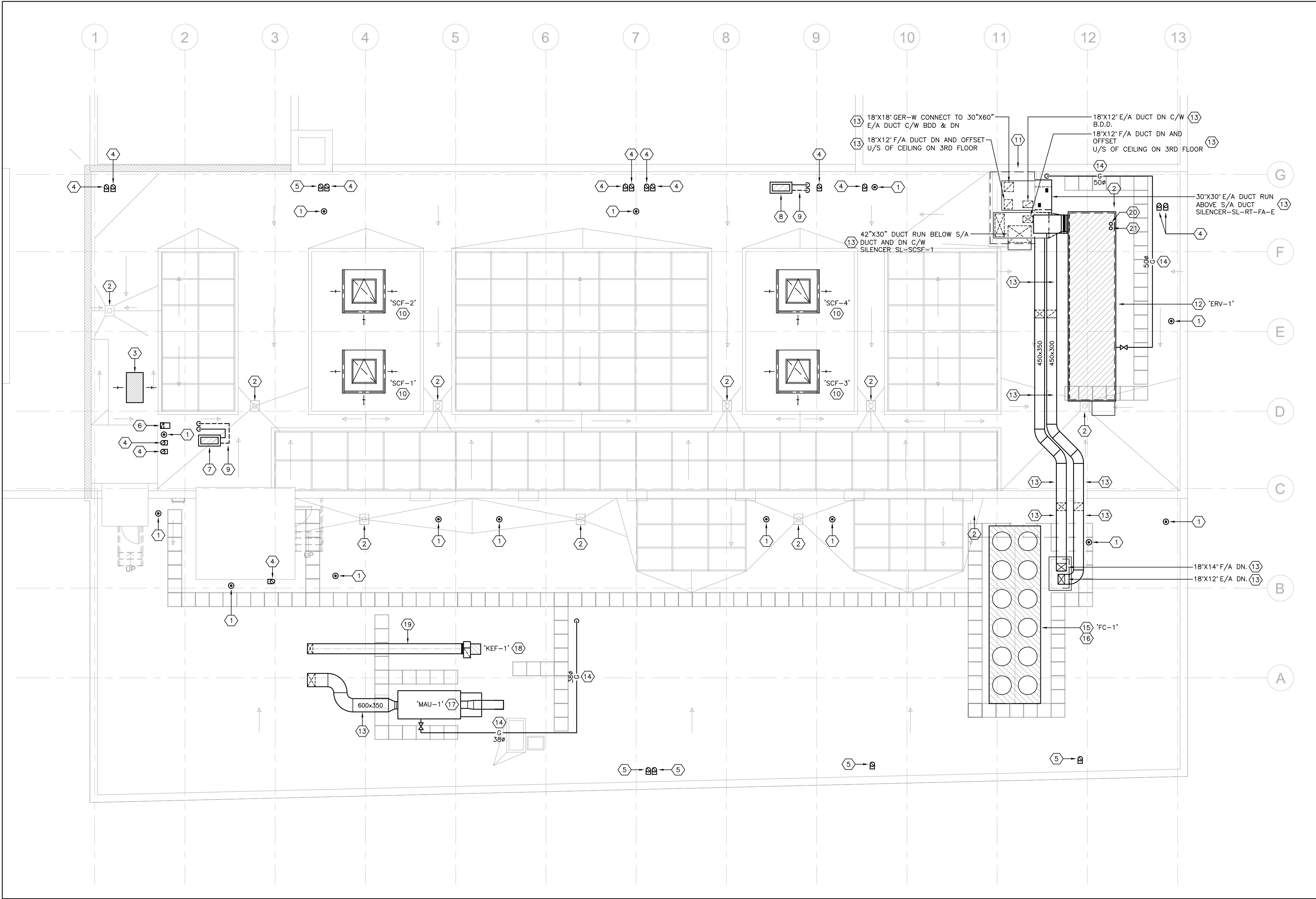
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ROOF - EXISTING MECHANICAL PLAN



drawing number

M2



1 ROOF - NEW MECHANICAL PLAN
M3 SCALE: 1:100

PROMPT REMOVAL AND REINSTATEMENT OF ALL ROOFTOP MECHANICAL EQUIPMENT:

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AS A RESULT OF THE BUILDING BEING IN OPERATION FOR THE DURATION OF CONSTRUCTION, IT WILL BE NECESSARY TO PROMPTLY REINSTATE POWER AND FIRE ALARM TO MECHANICAL EQUIPMENT AND RESTORE FUNCTIONALITY TO ALL EQUIPMENT. MINIMIZE DOWNTIME OF ANY EQUIPMENT BY EXPEDITIOUSLY REMOVING THE EQUIPMENT, STORING IT OFF SITE, COMPLETING THE ROOFING WORK LOCALLY AROUND THE MECHANICAL EQUIPMENT AND RETURNING TO SITE AND REINSTATING ALL MECHANICAL EQUIPMENT AND ALL SERVICES TO IT.

ALLOW FOR ALL NECESSARY MOBILIZATIONS AND DEMOBILIZATIONS TO ACHIEVE MINIMAL DISRUPTION TO THE FACILITY AS POSSIBLE.

DRAWING NOTES:

- PLUMBING VENT THROUGH THE ROOF. MODIFY THE PLUMBING VENT TO SUIT THE NEW ROOF. SEE ARCHITECTURAL DRAWINGS FOR VENT ROOFING DETAIL.
- REPLACE THE EXISTING ROOF DRAIN WITH NEW. REFER TO ARCHITECTURAL DRAWINGS FOR THE ROOF DRAIN ROOFING DETAIL. ENSURE A GOOD SEAL BETWEEN THE NEW ROOFING AND THE DRAIN.
- REINSTATE THE EXISTING SMOKE CONTROL INTAKE AIR PENTHOUSE AFTER COMPLETION OF THE ROOF REPLACEMENT. PROVIDE A NEW RAISED ROOF CURB TO ENSURE THE BOTTOM OF THE INTAKE AIR PENTHOUSE IS A MINIMUM OF 450mm HIGH ABOVE THE ROOF LEVEL.
- EXISTING 150Ø EXHAUST AIR GOOSENECK. MODIFY AND EXTEND THE DUCTWORK TO ENSURE THE BOTTOM EDGE OF THE GOOSENECK IS A MINIMUM OF 750mm ABOVE THE ROOF LEVEL AFTER COMPLETION OF THE ROOFING WORK.
- EXISTING 175Ø EXHAUST AIR GOOSENECK. MODIFY AND EXTEND THE DUCTWORK TO ENSURE THE BOTTOM EDGE OF THE GOOSENECK IS A MINIMUM OF 750mm ABOVE THE ROOF LEVEL AFTER COMPLETION OF THE ROOFING WORK.
- EXISTING 250x150 EXHAUST AIR GOOSENECK. MODIFY AND EXTEND THE DUCTWORK TO ENSURE THE BOTTOM EDGE OF THE GOOSENECK IS A MINIMUM OF 750mm ABOVE THE ROOF LEVEL AFTER COMPLETION OF THE ROOFING WORK.
- REINSTATE THE CONDENSING UNIT (DAIKIN RX18NMVHU) AFTER COMPLETION OF THE ROOF REPLACEMENT. COORDINATE WITH THE ELECTRICAL CONTRACTOR TO RECONNECT POWER. RECONNECT TO THE EXISTING CONTROLS WIRING; RETAIN THE BUILDING'S BAS CONTRACTOR FOR ALL RECONNECTION WORK. RECONNECT TO THE REFRIGERANT PIPING; PROVIDE ALL NEW ROOFTOP REFRIGERANT PIPING AND ACCESSORIES (FILTERS, DRYERS, ETC.). RE-CHARGE THE SYSTEM WITH THE APPROPRIATE REFRIGERANT. PROVIDE NEW PIPE SUPPORTS.
- REINSTATE THE CONDENSING UNIT (DAIKIN RX24NMVHU) AFTER COMPLETION OF THE ROOF REPLACEMENT. COORDINATE WITH THE ELECTRICAL CONTRACTOR TO RECONNECT POWER. RECONNECT TO THE EXISTING CONTROLS WIRING; RETAIN THE BUILDING'S BAS CONTRACTOR FOR ALL RECONNECTION WORK. RECONNECT TO THE REFRIGERANT PIPING; PROVIDE ALL NEW ROOFTOP REFRIGERANT PIPING AND ACCESSORIES (FILTERS, DRYERS, ETC.). RE-CHARGE THE SYSTEM WITH THE APPROPRIATE REFRIGERANT. PROVIDE NEW PIPE SUPPORTS.
- PROVIDE ALL NEW ROOFTOP REFRIGERANT PIPING AND ACCESSORIES (FILTERS, DRYERS, ETC.) TO THE CONDENSING UNIT. PROVIDE ALL NEW ROOFTOP REFRIGERANT PIPING AND ACCESSORIES (FILTERS, DRYERS, ETC.). RE-CHARGE THE SYSTEM WITH THE APPROPRIATE REFRIGERANT. PROVIDE NEW PIPE SUPPORTS.
- REINSTATE THE EXISTING SMOKE CONTROL EXHAUST FAN AFTER COMPLETION OF THE ROOF REPLACEMENT. PROVIDE A NEW RAISED ROOF CURB TO ENSURE THE BOTTOM OF THE FAN IS A MINIMUM OF 450mm HIGH ABOVE THE ROOF LEVEL.
- REINSTATE THE EXISTING SET OF FOUR (4) COMBI-VENTS FOR GAS-FIRED APPLIANCES AND A RELIEF VENT. MODIFY THE COMBI-VENTS AND RELIEF VENT TO SUIT THE NEW ROOF THICKNESS.
- REINSTATE THE EXISTING 'ERV-1' AIR HANDLING UNIT (ANNEX AIR), ELECTRIC HEATER AND HUMIDIFIER AFTER COMPLETION OF THE ROOF REPLACEMENT. COORDINATE WITH THE ELECTRICAL CONTRACTOR TO RECONNECT POWER. RECONNECT TO THE EXISTING CONTROLS WIRING; RETAIN THE BUILDING'S BAS CONTRACTOR FOR ALL RECONNECTION WORK. RECONNECT THE AIR HANDLING UNIT TO THE REINSTATED DUCTWORK. RECONNECT TO THE NEW ROOFTOP GAS PIPING. RECONNECT TO THE NEW DCW AND DRAIN PIPING. ENSURE THE ADEQUATE CLEARANCE FROM THE TOP OF THE ROOF SURFACE TO ALL INTAKES, EXHAUSTS, RELIEFS AND OTHER ASPECTS OF THE UNIT.
- REINSTATE THE ROOFTOP DUCTWORK AND ROOFTOP DUCTWORK SUPPORTS AFTER COMPLETION OF THE ROOF REPLACEMENT. MODIFY THE DUCTWORK AND DUCTWORK SUPPORTS TO SUIT THE NEW ROOF THICKNESS. EXTERNALLY INSULATE ALL DUCTWORK WITH NEW INSULATION. PROVIDE NEW RIGID BOARD INSULATION AND ALUMINUM JACKETING ON THE REINSTATED THE DUCTWORK ON THE ROOF. MODIFY DUCTWORK AND SUPPORTS TO SUIT CONNECTION TO THE ROOFTOP UNIT AND THE NEW ROOFING SYSTEM. THE INSULATION AT THE TOP OF THE DUCTWORK SHALL BE SLOPED 10% TO PREVENT WATER PONDING.
- PROVIDE NEW ROOFTOP GAS PIPING DOWN TO BELOW THE ROOF LEVEL. CONNECT TO THE REINSTATE MECHANICAL EQUIPMENT. PROVIDE A NEW ISOLATION VALVE AT EACH APPLIANCE.
- REINSTATE THE FLUID COOLER 'FC-1' AFTER COMPLETION OF THE ROOF REPLACEMENT. RECONNECT TO PIPING. COORDINATE WITH THE ELECTRICAL CONTRACTOR TO RECONNECT POWER. RECONNECT TO THE EXISTING CONTROLS WIRING; RETAIN THE BUILDING'S BAS CONTRACTOR FOR ALL RECONNECTION WORK. ENSURE THE ADEQUATE CLEARANCE FROM THE TOP OF THE ROOF SURFACE TO ALL ASPECTS OF THE UNIT.
- PROVIDE NEW 100Ø SUPPLY AND RETURN PIPING TO THE FLUID COOLER TO BELOW THE ROOF LEVEL. REFILL THE SYSTEM AS NECESSARY. REINSTATE ALL EXISTING VALVES AND ACCESSORIES.
- REINSTATE THE EXISTING MAKE-UP AIR UNIT 'MAU-1' (ENGINEERED AIR) AFTER COMPLETION OF THE ROOF REPLACEMENT. COORDINATE WITH THE ELECTRICAL CONTRACTOR TO RECONNECT POWER. RECONNECT TO THE EXISTING CONTROLS WIRING; RETAIN THE BUILDING'S BAS CONTRACTOR FOR ALL RECONNECTION WORK. RECONNECT TO THE REINSTATED DUCTWORK. RECONNECT TO THE NEW ROOFTOP GAS PIPING. PROVIDE A NEW RAISED ROOF CURB TO ENSURE THE BOTTOM OF THE MAKE-UP AIR UNIT IS A MINIMUM OF 450mm HIGH ABOVE THE ROOF LEVEL.
- REINSTATE THE EXISTING KITCHEN EXHAUST FAN 'KEF-1' AFTER COMPLETION OF THE ROOF REPLACEMENT. COORDINATE WITH THE ELECTRICAL CONTRACTOR TO RECONNECT POWER. RECONNECT TO THE EXISTING CONTROLS WIRING; RETAIN THE BUILDING'S BAS CONTRACTOR FOR ALL RECONNECTION WORK. RECONNECT TO THE REINSTATED WELEDED DUCTWORK.
- REINSTATE AND MODIFY THE WELDED KITCHEN EXHAUST DUCTWORK TO SUIT THE ROOF REPLACEMENT. REINSTATE AND MODIFY THE EXISTING ROOFTOP DUCTWORK SUPPORTS TO SUIT THE NEW ROOF THICKNESS.
- PROVIDE NEW 12Ø DCW ELECTRIC HEAT TRACED PIPE CONNECTION TO THE HUMIDIFIER C/W NEW SHUT-OFF VALVE, UNION AND BFP.
- PROVIDE NEW 50Ø CONDENSATE DRAIN TO THE FUNNEL FLOOR DRAIN IN THE CEILING SPACE BELOW.

GENERAL NOTES:

- AT THE COMPLETION OF THE REINSTATEMENT OF THE AIR HANDLING UNITS, RETAIN THE SERVICES OF A 'TAB' AGENCY AND BALANCE/VERIFY THE SUPPLY, RETURN AND EXHAUST AIRFLOW FOR ALL AIR HANDLING EQUIPMENT MATCH THE VALUES FOUND AT THE ONSET OF THE PROJECT. PROVIDE THE TAB REPORT TO THE ENGINEER.
- PROVIDE A NEW ISOLATION VALVE AND DIRT POCKET AT ALL NEW ROOFTOP EQUIPMENT GAS CONNECTIONS. PROVIDE NEW ROOFTOP GAS PIPE SUPPORTS AS PER CSA B149.1 - NATURAL GAS AND PROPANE. INSTALLATION CODE. PAINT THE FULL LENGTH OF GAS PIPING WITH YELLOW, WEATHER-RESISTANT PAINT SUITABLE FOR GAS PIPING AND IN COMPLIANCE WITH CSA B149.1.
- FOR ALL NEW REFRIGERANT PIPING, PROVIDE NEW PIPE SUPPORTS. RE-CHARGE THE SYSTEM WITH THE SYSTEM REFRIGERANT AS PER THE MANUFACTURER'S INSTRUCTIONS. PRESSURE TEST ALL PIPING AND RE-INSULATE AS PER SPECIFICATION. PROVIDE ALUMINUM JACKETING FOR ALL ROOFTOP REFRIGERANT PIPING. FOR ALL NEW REFRIGERANT PIPING, PROVIDE INSULATION COMPLETE WITH UV-RESISTANT ALUMINUM JACKETING AND SEALANT.

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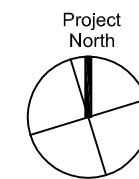
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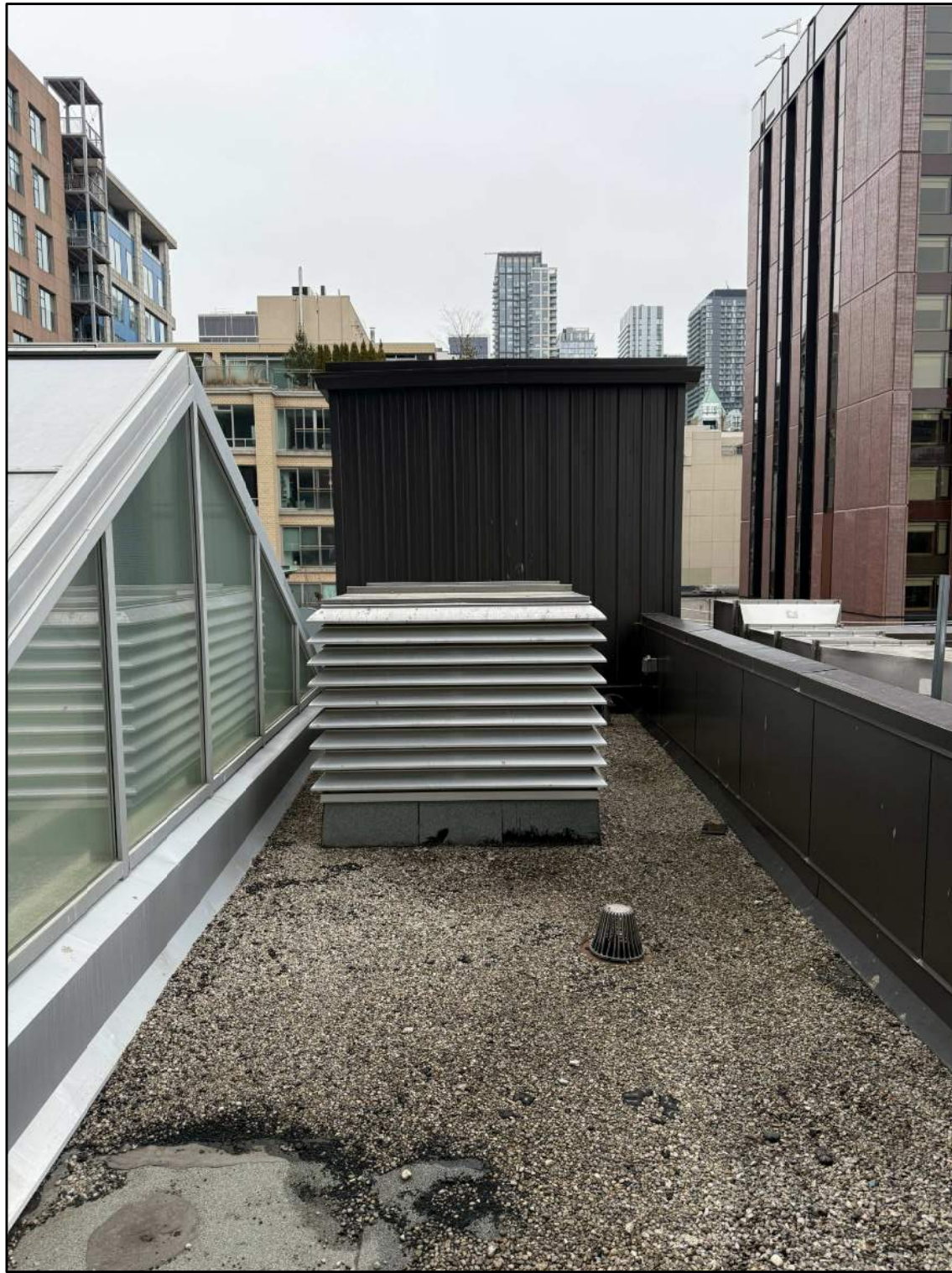
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ROOF - NEW MECHANICAL PLAN



drawing number

M3



1 EXISTING SMOKE CONTROL INTAKE AIR PENTHOUSE
M4 SCALE: N.T.S.



2 EXISTING GOOSENECKS & PLUMBING VENT
M4 SCALE: N.T.S.



3 EXISTING CONDENSING UNIT, REFRIGERANT PIPING & GOOSENECKS
M4 SCALE: N.T.S.



4 EXISTING CONDENSING UNIT, REFRIGERANT PIPING & GOOSENECKS
M4 SCALE: N.T.S.



5 EXISTING ROOF DRAIN & SMOKE CONTROL EXHAUST FAN
M4 SCALE: N.T.S.



6 EXISTING GOOSENECKS & PLUMBING VENT
M4 SCALE: N.T.S.



7 EXISTING CONDENSING UNIT, REFRIGERANT PIPING & GOOSENECKS
M4 SCALE: N.T.S.



8 EXISTING COMBI-VENTS AND RELIEF VENTS
M4 SCALE: N.T.S.



9 EXISTING 'ANNEX AIR' ERV-1 UNIT
M4 SCALE: N.T.S.



10 EXISTING GAS PIPING TO 'ERV-1'
M4 SCALE: N.T.S.

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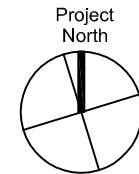
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SITE PHOTOS



drawing number

M4



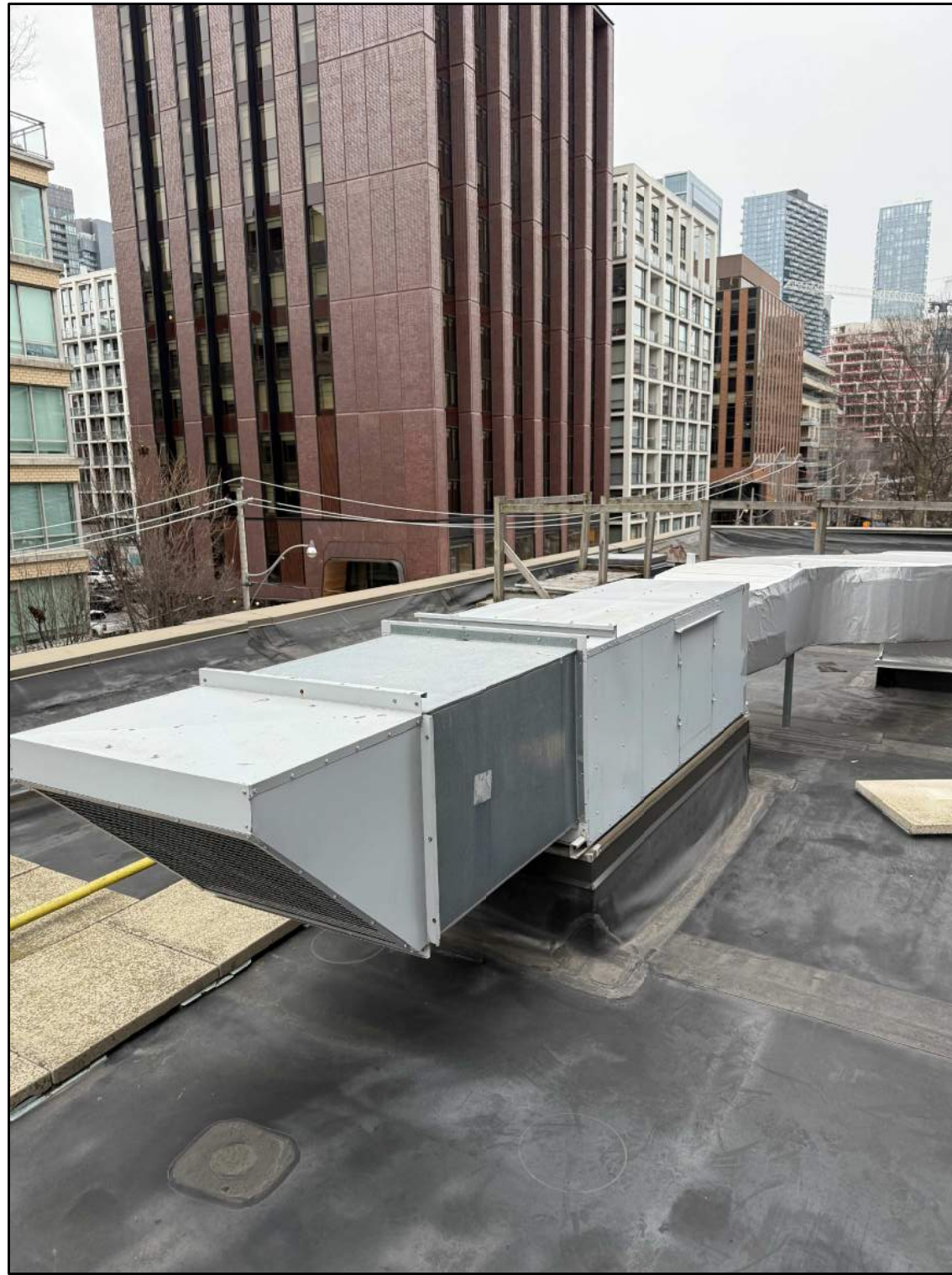
1 EXISTING PLUMBING VENT & FLUID COOLER PIPING
M5 SCALE: N.T.S.



2 EXISTING FLUID COOLER 'FC-1'
M5 SCALE: N.T.S.



3 EXISTING FLUID COOLER 'FC-1' & PIPING
M5 SCALE: N.T.S.



4 EXISTING MAKE-UP AIR UNIT 'MAU-1'
M5 SCALE: N.T.S.



5 EXISTING MAKE-UP AIR UNIT 'MAU-1', DUCTWORK & 'KEF-1'
M5 SCALE: N.T.S.



6 EXISTING KITCHEN EXHAUST FAN 'KEF-1' & KITCHEN DUCTWORK
M5 SCALE: N.T.S.



7 EXISTING KITCHEN EXHAUST FAN 'KEF-1' & KITCHEN DUCTWORK
M5 SCALE: N.T.S.



8 EXISTING GOOSENECKS AND PLUMBING VENT
M5 SCALE: N.T.S.

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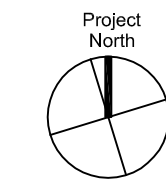
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drawing number

M5

| LIGHTING LEGEND | |
|-----------------|---|
| | STANDARD TYPE 'A1' LIGHT FIXTURE AS SCHEDULED |
| | TYPE 'A1' LIGHT FIXTURE AS SCHEDULED, CONNECTED TO THE EMERGENCY POWER SOURCE (INVERTER OR GENERATOR) |
| | WALL-MOUNTED TYPE 'B1' LIGHT FIXTURE AS SCHEDULED |
| | LOW-VOLTAGE, TOGGLE LIGHT SWITCH, AS SPECIFIED. |
| | LOW-VOLTAGE, TOGGLE & DIMMER LIGHT SWITCH, AS SPECIFIED. |
| | LOW-VOLTAGE, KEY-SWITCH TYPE LIGHT SWITCH, AS SPECIFIED. |
| | LOW-VOLTAGE, KEY-SWITCH TYPE, MASTER LIGHT SWITCH, AS SPECIFIED. CONTROLS ALL CORRIDOR, WASHROOM AND VESTIBULE LIGHTING |
| | LOW-VOLTAGE LIGHT SWITCH COMPLETE WITH INTEGRAL OCCUPANCY SENSOR, AS SPECIFIED. |
| | CORNER/WALL-MOUNTED, LOW-VOLTAGE OCCUPANCY SENSOR, AS SCHEDULED |
| | CEILING-MOUNTED, LOW-VOLTAGE OCCUPANCY SENSOR, AS SCHEDULED |
| | EXTERIOR-GRADE, WALL-MOUNTED LIGHT FIXTURE |
| | EXTERIOR-GRADE, LIGHT STANDARD COMPLETE WITH CONCRETE BASE |
| | EMERGENCY LIGHTING BATTERY UNIT C/W NO REMOTE HEADS |
| | EMERGENCY LIGHTING BATTERY UNIT C/W DUAL-HEAD REMOTE HEADS |
| | EMERGENCY LIGHTING DUAL-HEAD REMOTE HEAD |
| | EMERGENCY LIGHTING, WALL-MOUNTED EXIT SIGN |
| | EMERGENCY LIGHTING, CEILING-MOUNTED EXIT SIGN |

| POWER DEVICES & EQUIPMENT LEGEND | |
|----------------------------------|---|
| | SINGLE RECEPTACLE MOUNTED AT STANDARD HEIGHT; USE AND RATING FOR THE PURPOSE INTENDED |
| | SINGLE RECEPTACLE MOUNTED AT HIGH LEVEL; USE AND RATING FOR THE PURPOSE INTENDED |
| | 15A, 120V DUPLEX RECEPTACLE MOUNTED AT STANDARD HEIGHT. 'T' DENOTES 20A, T-SLOT TYPE RECEPTACLE |
| | 15A, 120V DUPLEX RECEPTACLE MOUNTED AT HIGH LEVEL. 'T' DENOTES 20A, T-SLOT TYPE RECEPTACLE |
| | 15A, 120V, GFI DUPLEX RECEPTACLE MOUNTED AT HIGH LEVEL. 'T' DENOTES 20A, T-SLOT TYPE RECEPTACLE |
| | DIRECT POWER CONNECTION |
| | UNFUSED DISCONNECT SWITCH |
| | FUSED DISCONNECT SWITCH |
| | MAGNETIC STARTER WITH H/O/A SWITCH |
| | DIRECT POWER CONNECTION COMPLETE UNFUSED DISCONNECT SWITCH |
| | BLANK COVERPLATE COMPLETE WITH WIRING, CONDUIT, AND BACKBOX |
| | ROUND JUNCTION BOX COMPLETE WITH COVERPLATE |
| | SQUARE JUNCTION BOX COMPLETE WITH COVERPLATE |
| | RECESSED ELECTRICAL PANEL, AS SCHEDULED |
| | SURFACE-MOUNTED ELECTRICAL PANEL, AS SCHEDULED |
| CC-1 | DEVICE/EQUIPMENT CONNECTED TO CIRCUIT #1 IN PANEL 'CC' |

| COMMUNICATIONS (VOICE/DATA) LEGEND | |
|------------------------------------|---|
| | DATA OUTLET MOUNTED AT STANDARD HEIGHT COMPLETE WITH CATEGORY 6, FT6 CABLING TO THE HUB RACK |
| | TELEPHONE OUTLET MOUNTED AT STANDARD HEIGHT COMPLETE WITH CATEGORY 6, FT6 CABLING TO THE HUB RACK |
| | DATA OUTLET MOUNTED AT HIGH LEVEL COMPLETE WITH CATEGORY 6, FT6 CABLING TO THE HUB RACK |
| | TELEPHONE OUTLET MOUNTED AT HIGH LEVEL COMPLETE WITH CATEGORY 6, FT6 CABLING TO THE HUB RACK |
| | WIRELESS ACCESS POINT COMPLETE WITH CATEGORY 6, FT6 CABLING TO THE HUB RACK |

| ACRONYM LEGEND | |
|----------------|---|
| ACRONYM | DESCRIPTION |
| AFT | ABOVE FINISHED FLOOR |
| OTE | CONNECT TO EXISTING |
| ER | DENOTES EXISTING DEVICE OR EQUIPMENT TO BE RELOCATED |
| EX | DENOTE EXISTING DEVICE OR EQUIPMENT TO REMAIN |
| GFI | DENOTE DEVICE OR EQUIPMENT WITH GFI PROTECTION |
| HL | DENOTES DEVICE OR EQUIPMENT AT HIGH LEVEL |
| LV | LOW VOLTAGE |
| N | DENOTES NEW DEVICE OR EQUIPMENT |
| NL | DENOTES NIGHT LIGHT FIXTURE |
| R | DENOTES EXISTING DEVICE OR EQUIPMENT TO BE REMOVED |
| RE | DENOTES RELOCATED POSITION OF AN EXISTING DEVICE OR EQUIPMENT |
| RP | DENOTES EXISTING DEVICE OR EQUIPMENT TO BE REPLACED |
| RT | DENOTES ROOFTOP DEVICE OR EQUIPMENT |
| T | T-SLOT, 20A, DEVICE |
| TP | DENOTES TAMPERPROOF DEVICE OR EQUIPMENT |
| WG | DENOTES DEVICE OR EQUIPMENT WITH A WIREGUARD |
| WP | DENOTES WEATHERPROOF TYPE DEVICE OR EQUIPMENT |

| SYSTEMS DEVICE & EQUIPMENT LEGEND | |
|-----------------------------------|---|
| | MODULAR CONTROL PANEL, SUPPLIED AND INSTALLED BY DIVISION 26 |
| | DOOR OPERATOR ACTUATOR BUTTON |
| | KEY SWITCH, TIED TO THE DOOR OPERATOR SYSTEM |
| | HAND DRYER, SUPPLIED AND INSTALLED BY DIVISION 26 |
| | PUSH-TO-LOCK BUTTON TIED TO THE WASHROOM DOOR OPERATOR SYSTEM |
| | 'OCCUPIED-WHEN-LIT' LED ANNUNCIATOR TIED TO THE WASHROOM DOOR OPERATOR SYSTEM |
| | VISUAL INDICATOR TIED TO THE CALL-FOR-ASSISTANCE SYSTEM |
| | EMERGENCY PUSH-BUTTON TIED TO THE CALL-FOR-ASSISTANCE SYSTEM |
| | AUDIBLE/VISUAL INDICATOR TIED TO THE CALL-FOR-ASSISTANCE SYSTEM |

| FIRE ALARM SYSTEM LEGEND | |
|--------------------------|---|
| | RATE-OF-RISE HEAT DETECTOR |
| | FIXED TEMPERATURE HEAT DETECTOR |
| | SMOKE DETECTOR |
| | PULL STATION C/W TAMPERPROOF, POLYCARBONATE COVER |
| | FIRE ALARM HORN |
| | FIRE ALARM HORN/STROBE |
| | DUCT SMOKE DETECTOR |
| | REMOTE TROUBLE INDICATOR |
| | SPRINKLER/STANDPIPE FLOW SWITCH |
| | SPRINKLER/STANDPIPE SUPERVISED VALVE |
| | FIRE ALARM ANNUNCIATOR |
| | FIRE ALARM CONTROL PANEL |

| ACCESS CONTROL SYSTEM LEGEND | |
|------------------------------|---|
| | CARD READER |
| | ELECTRIC STRIKE |
| | AIPHONE MASTER STATION |
| | AIPHONE SUB-MASTER STATION |
| | AIPHONE DOOR STATION |
| | LOCAL DOOR CONTACT SUPPLIED AND INSTALLED BY DIVISION 16; TIED TO THE LOCAL DOOR ALARM SYSTEM |
| | AUDIBLE/VISUAL ANNUNCIATOR TIED TO THE LOCAL DOOR ALARM SYSTEM |

| SECURITY SYSTEM LEGEND | |
|------------------------|-----------------------|
| | MOTION DETECTOR |
| | MAGNETIC DOOR CONTACT |
| | KEYPAD |
| | ELECTRIC STRIKE |

| CLOCK SYSTEM LEGEND | |
|---------------------|--|
| | ANALOG CLOCK, 120V PLUG-IN TYPE COMPLETE WITH SINGLE RECEPTACLE - WALL-MOUNTED |
| | ANALOG CLOCK, 120V PLUG-IN TYPE COMPLETE WITH SINGLE RECEPTACLE - WALL-MOUNTED |
| | ANALOG CLOCK TIED TO THE MASTER CLOCK SYSTEM - WALL-MOUNTED |
| | DUAL-FACE ANALOG CLOCK TIED TO THE MASTER CLOCK SYSTEM - WALL-MOUNTED |
| | ANALOG CLOCK, BATTERY OPERATED - WALL-MOUNTED |
| | DUAL-FACE ANALOG CLOCK, BATTERY OPERATED - WALL-MOUNTED |
| | MASTER CLOCK SYSTEM CONTROLLER |

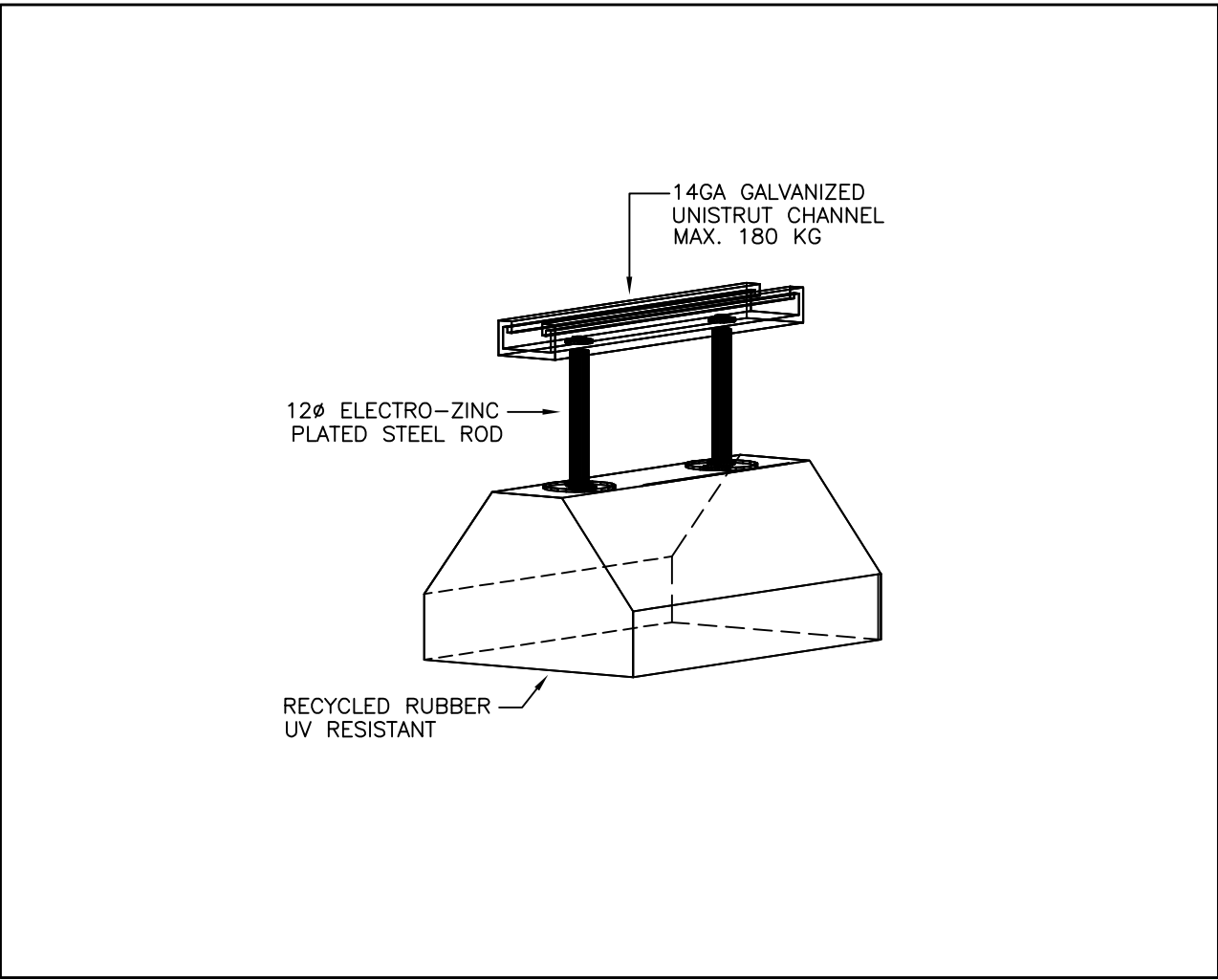
| AUDIO/VISUAL SYSTEM LEGEND | |
|----------------------------|---|
| | EMPTY BACKBOX COMPLETE WITH BLANK COVERPLATE AND 25mmC UP TO THE ACCESSIBLE CEILING SPACE PROVISION FOR FUTURE AV CABLING |

| PUBLIC ADDRESS (P.A.) SYSTEM LEGEND | |
|-------------------------------------|--|
| | P.A. SPEAKER - FLUSH CEILING-MOUNTED |
| | P.A. SPEAKER - WALL-MOUNTED |
| | P.A. SPEAKER, DUAL-FACE TYPE - WALL-MOUNTED |
| | P.A. EXTERIOR HORN - WALL-MOUNTED |
| | WEATHERPROOF PROGRAM BELL C/W ENCLOSURE |
| | P.A. HANDSET - WALL-MOUNTED |
| | P.A. HANDSET - DESK-MOUNTED |
| | P.A. PRIVACY CALL SWITCH |
| | P.A. HANDSET C/W INTEGRAL PRIVACY CALL SWITCH |
| | P.A. ADMINISTRATIVE HANDSET |
| | P.A. NIGHT RINGER |
| | P.A. LOCKDOWN 'AMBER' STROBE |
| | P.A. INCOMING CALL 'BLUE' STROBE |
| | P.A. WALL-MOUNTED VOLUME CONTROL SWITCH |
| | P.A. RED LOCKDOWN BUTTON C/W POLYCARBONATE LIFT-ABLE COVER |
| | P.A. SPEAKER C/W INTEGRATED CALL SWITCH |
| | P.A. COMBINATION SPEAKER AND CLOCK UNIT - WALL-MOUNTED |
| | P.A. HEAD-END EQUIPMENT RACK |
| | P.A. SATELLITE EQUIPMENT RACK |

| GENERAL NOTES | |
|---------------|--|
| 1. | IT IS MANDATORY FOR THE ELECTRICAL CONTRACTOR TO VISIT THE SITE PRIOR TO BIDDING AND REVIEW EXISTING CONDITIONS AND DEMOLITION SCOPE OF WORK TO SUIT EXISTING ARCHITECTURAL, STRUCTURAL AND MECHANICAL SITE CONDITIONS, DRAWINGS, SPECIFICATIONS AND ALL CONTRACT DOCUMENTS. NO EXTRA WILL SUBSEQUENTLY BE ALLOWED TO COVER ANY SUCH ERROR, OMISSION AND/OR OVERSIGHT FOR NOT HAVING MADE A THOROUGH INSPECTION OF THE GROUNDS, EXISTING CONDITIONS, DRAWINGS, SPECIFICATION AND DESIGN INTENT. THE ELECTRICAL CONTRACTOR SHALL NOTE THAT THE EXISTING BUILDING WILL REMAIN IN OPERATION THROUGHOUT DEMOLITION/CONSTRUCTION. ALLOW FOR ANY WORK REQUIRED TO BE DONE WHICH MAY AFFECT POWER SUPPLY AND OPERATION OF THE BUILDING TO BE CARRIED OUT AFTER HOURS OR AT A TIME CONVENIENT TO THE BUILDING MANAGEMENT. PROVIDE TEMPORARY SERVICES AS REQUIRED TO ENSURE CONTINUED OPERATION AT ALL TIMES. |
| 2. | CAREFULLY EXAMINE OTHER EXISTING UTILITY LINES SUCH AS GAS, WATER ETC. PRIOR TO START THE ELECTRICAL CONSTRUCTION WORKS AND COORDINATE WITH OTHER TRADES AND REPORT OF ANY DISCREPANCY PRIOR TO PROCEEDING. |
| 3. | THESE DRAWINGS SHALL BE READ & PRICED IN CONJUNCTION WITH ARCHITECTURAL, MECHANICAL AND STRUCTURAL DRAWINGS AND SPECIFICATIONS AS WELL AS ALL OTHER DOCUMENTS FORMING THIS BID. INCLUDE FOR THE SUPPLY AND INSTALLATION OF POWER, SYSTEMS, AND LIGHTING AS PER THE COMPLETE CONSTRUCTION DOCUMENTS. NO EXTRA COST WILL BE ACCEPTED IN FAILURE TO OBTAINING AND/OR REVIEW OF SUCH DOCUMENTS. REFER TO ARCHITECTURAL, ELECTRICAL, STRUCTURAL AND MECHANICAL LAYOUTS IN CONJUNCTION FOR EXACT LOCATION OF ALL EQUIPMENT. REPORT ANY DISCREPANCIES TO THE ELECTRICAL ENGINEER PRIOR TO COMMENCING WORK. NO EXTRA WILL BE PROVIDED AS A RESULT OF A FAILURE TO DO SO. |
| 4. | IT IS MANDATORY THAT ELECTRICAL WORK CONFORM TO ALL APPLICABLE CODES (INCLUDING THE ONTARIO BUILDING, FIRE, AND ONTARIO ELECTRICAL SAFETY CODE), BASE BUILDING (TSSS) STANDARDS, AND THE STANDARDS SET BY ANY AND ALL LOCAL AUTHORITIES HAVING JURISDICTION. |
| 5. | LOCATIONS OF ALL NEW DISCONNECT SWITCHES AND STARTERS SHALL BE CONFIRMED WITH DIVISION 23 PRIOR TO INSTALLATION. STARTERS FOR EXHAUST FANS SHALL BE SUPPLIED AND INSTALLED BY DIVISION 26. |
| 6. | ALL ELECTRICAL WORK SHALL BE INSPECTED BY THE ELECTRICAL SAFETY AUTHORITY (ESA). ARRANGE AND PAY FOR ALL INSPECTIONS REQUIRED FOR THE DURATION OF THE PROJECT. |
| 7. | THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR HIRING A FIRE WATCH AS REQUIRED BY CODE, LOCAL AUTHORITIES HAVING JURISDICTION, AND DURING ANY ALTERATION OR DOWNTIME OF THE FIRE ALARM SYSTEM. FIRE WATCH SHALL BE PRESENT THROUGHOUT THE DOWNTIME DURATION. |
| 8. | DURING CONSTRUCTION, IT IS CRITICAL THAT THE ELECTRICAL CONTRACTOR COORDINATES ITS WORK WITH ALL OTHER TRADES. |
| 9. | IN THE EVENT OF ANY DISCREPANCY BETWEEN THE ELECTRICAL DRAWINGS AND SPECIFICATIONS, ALLOW FOR THE HIGHEST-PRICED OPTION IN THE TENDER PRICE. |
| 10. | ALL WIRING USED ON THIS PROJECT SHALL BE RUN IN RACEWAYS. NO USE OF ARMoured (BX) CABLE WILL BE PERMITTED WITH THE EXCEPTION OF RUNS NOT TO EXCEED 5' BETWEEN A LIGHT FIXTURE AND THE RESPECTIVE JUNCTION BOX. |
| 11. | COORDINATE DISRUPTION OF ELECTRICAL SERVICES (FIRE ALARM, POWER, ETC.) WITH THE PROJECT SUPERVISOR WITH AT MINIMUM 5 DAYS ADVANCED NOTICE. SEEK APPROVAL PRIOR TO EXECUTION. |

| DRAWING LIST | |
|----------------|---------------------------------|
| DRAWING NUMBER | DESCRIPTION |
| E1 | ELECTRICAL LEGEND AND NOTES |
| E2 | ROOF - EXISTING ELECTRICAL PLAN |
| E3 | ROOF - NEW ELECTRICAL PLAN |

| FIRE ALARM WORK | |
|---|--|
| THE EXISTING FIRE ALARM SYSTEM SERVING THE BUILDING IS A 'MIRCOM FX-2000' FIRE ALARM SYSTEM. | |
| THE BIDDING ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR COMPLETING ALL FIRE ALARM WORK ASSOCIATED WITH THIS PROJECT. THERE IS NO BASE BUILDING FIRE ALARM CONTRACTOR. | |
| PROVIDE A VERIFICATION REPORT (AS PER CAN/ULC-S837) AFTER EACH REINSTATEMENT OF AIR HANDLING EQUIPMENT TO ENSURE THAT ALL DEVICES AND SHUT DOWNS ARE FUNCTIONING CORRECTLY. | |



- 1 NON-PENETRATING ROOFTOP CONDUIT & COMMUNICATION CABLING SUPPORT
E1 SCALE: N.T.S.

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| Rev | Description | Date |
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| 1 | 90% Progress | Jan. 19, 2026 |
| 2 | Permit | Feb. 26, 2026 |
| 3 | Tender | Mar. 6, 2026 |



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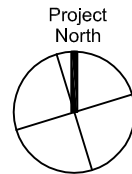
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|--|---|
| SURI & ASSOCIATES LTD. ENGINEERING CONSULTANTS | |
| 1022 WHITE CLOVER WAY MISSISSAUGA, ONTARIO L5V 1C8 T (905) 290-7861 F (289) 327-3420 | ELECTRICAL MECHANICAL LIGHTING COMMUNICATION SECURITY |

TSSS Brant
Roof Replacement

60 Brant Street
Toronto, Ontario.
M5V 3G9

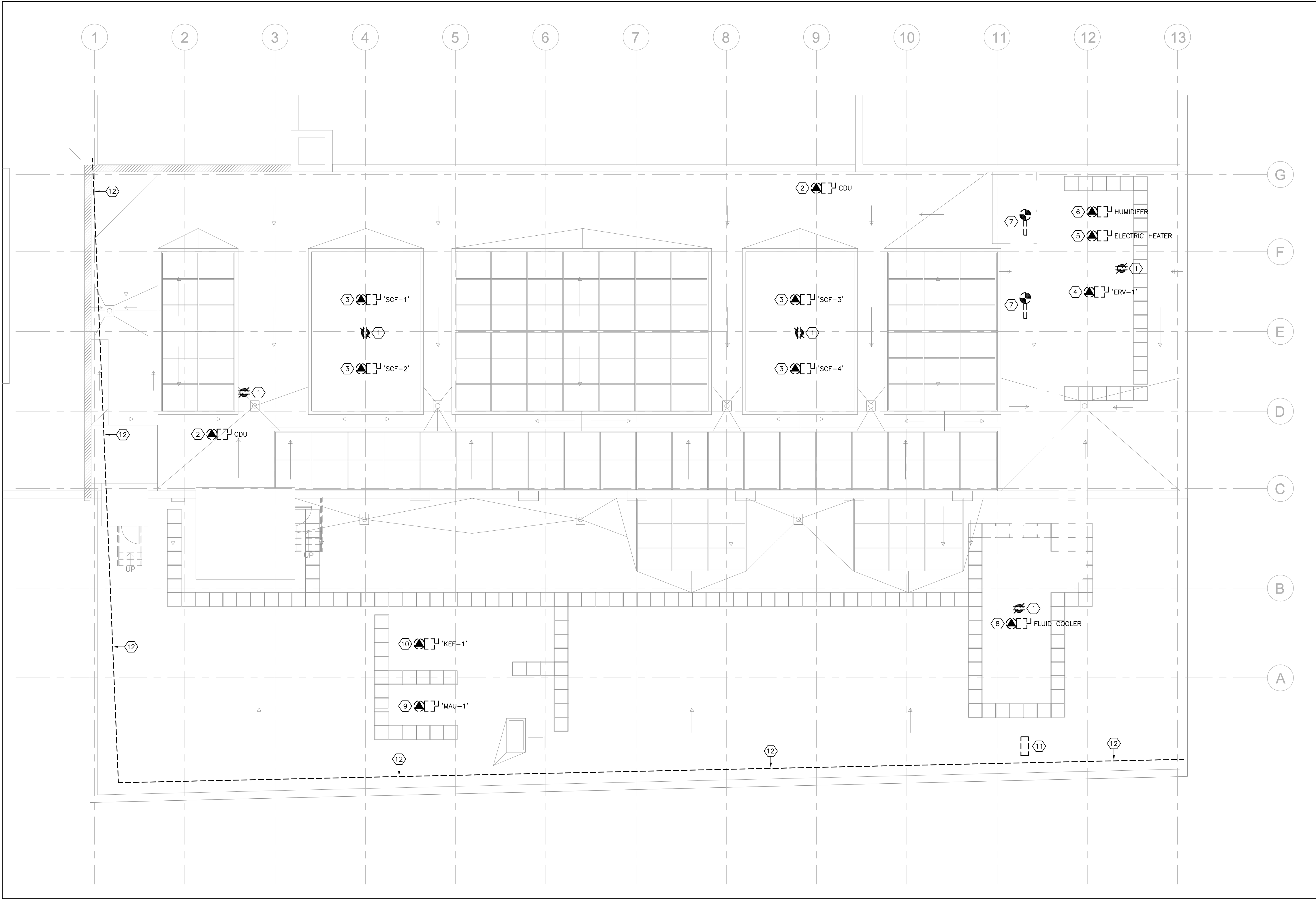
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| PROJECT CODE: | SCALE: |
| 26-126 | As indicated |
| DATE: | STATUS: |
| Dec 2025 | RS |

ELECTRICAL LEGEND AND NOTES



drawing number

E1



1 ROOF - EXISTING ELECTRICAL PLAN
E2 SCALE: 1:100

DRAWING NOTES:

- TEMPORARILY REMOVE THE EXISTING ROOFTOP RECEPTACLE. TRACE AND VERIFY THE EXISTING POWER SOURCE (PANEL AND CIRCUIT). PULL BACK ALL WIRING/RACEWAYS TO THE INSIDE OF THE BUILDING AND MAKE ALL WIRING/RACEWAYS SAFE FOR THE DURATION OF CONSTRUCTION.
- DISCONNECT POWER CONNECTION TO THE EXISTING CONDENSING UNIT TO FACILITATE TEMPORARY REMOVAL OF THE CONDENSING UNIT IN COORDINATION WITH THE ROOFING WORK. TRACE AND VERIFY THE EXISTING POWER SOURCE (PANEL AND CIRCUIT). PULL BACK ALL WIRING/RACEWAYS TO THE INSIDE OF THE BUILDING AND MAKE ALL WIRING/RACEWAYS SAFE FOR THE DURATION OF CONSTRUCTION.
- DISCONNECT POWER CONNECTION AND ANY EXISTING FIRE ALARM WIRING TO THE EXISTING SMOKE CONTROL FAN TO FACILITATE TEMPORARY REMOVAL OF THE SMOKE CONTROL FAN IN COORDINATION WITH THE ROOFING WORK. TRACE AND VERIFY THE EXISTING POWER SOURCE (PANEL AND CIRCUIT). PULL BACK ALL WIRING/RACEWAYS TO THE INSIDE OF THE BUILDING AND MAKE ALL WIRING/RACEWAYS SAFE FOR THE DURATION OF CONSTRUCTION.
- DISCONNECT POWER CONNECTION AND ANY EXISTING FIRE ALARM WIRING TO THE EXISTING ERV UNIT 'ERV-1' TO FACILITATE IN COORDINATION WITH THE ROOFING WORK. TRACE AND VERIFY THE EXISTING POWER SOURCE (PANEL AND CIRCUIT). PULL BACK ALL WIRING/RACEWAYS TO THE INSIDE OF THE BUILDING AND MAKE ALL WIRING/RACEWAYS SAFE FOR THE DURATION OF CONSTRUCTION.
- DISCONNECT POWER CONNECTION TO THE EXISTING ELECTRIC HEATER TO FACILITATE TEMPORARY REMOVAL OF THE ELECTRIC HEATER IN COORDINATION WITH THE ROOFING WORK. TRACE AND VERIFY THE EXISTING POWER SOURCE (PANEL AND CIRCUIT). PULL BACK ALL WIRING/RACEWAYS TO THE INSIDE OF THE BUILDING AND MAKE ALL WIRING/RACEWAYS SAFE FOR THE DURATION OF CONSTRUCTION.
- DISCONNECT POWER CONNECTION TO THE EXISTING HUMIDIFIER TO FACILITATE TEMPORARY REMOVAL OF THE HUMIDIFIER IN COORDINATION WITH THE ROOFING WORK. TRACE AND VERIFY THE EXISTING POWER SOURCE (PANEL AND CIRCUIT). PULL BACK ALL WIRING/RACEWAYS TO THE INSIDE OF THE BUILDING AND MAKE ALL WIRING/RACEWAYS SAFE FOR THE DURATION OF CONSTRUCTION.
- DISCONNECT POWER CONNECTION TO THE EXISTING ELECTRIC STRIP HEATER FOR THE DUCT SMOKE DETECTOR TO FACILITATE TEMPORARY REMOVAL OF THE DUCT SMOKE DETECTOR IN COORDINATION WITH THE ROOFING WORK. TRACE AND VERIFY THE EXISTING POWER SOURCE (PANEL AND CIRCUIT). TEMPORARILY REMOVE THE EXISTING DUCT SMOKE DETECTOR FOR THE DURATION OF THE WORK. PULL BACK ALL WIRING/RACEWAYS TO THE INSIDE OF THE BUILDING AND MAKE ALL WIRING/RACEWAYS SAFE FOR THE DURATION OF CONSTRUCTION.
- DISCONNECT POWER CONNECTION TO THE EXISTING FLUID COOLER IN COORDINATION WITH THE ROOFING WORK. TRACE AND VERIFY THE EXISTING POWER SOURCE (PANEL AND CIRCUIT). PULL BACK ALL WIRING/RACEWAYS TO THE INSIDE OF THE BUILDING AND MAKE ALL WIRING/RACEWAYS SAFE FOR THE DURATION OF CONSTRUCTION.
- DISCONNECT POWER CONNECTION AND ANY EXISTING FIRE ALARM WIRING TO THE EXISTING MAKEUP AIR UNIT 'MAU-1' TO FACILITATE TEMPORARY REMOVAL OF THE MAKEUP AIR UNIT IN COORDINATION WITH THE ROOFING WORK. TRACE AND VERIFY THE EXISTING POWER SOURCE (PANEL AND CIRCUIT). PULL BACK ALL WIRING/RACEWAYS TO THE INSIDE OF THE BUILDING AND MAKE ALL WIRING/RACEWAYS SAFE FOR THE DURATION OF CONSTRUCTION.
- DISCONNECT POWER CONNECTION TO THE EXISTING KITCHEN EXHAUST FAN 'KEF-1' TO FACILITATE TEMPORARY REMOVAL OF THE KITCHEN EXHAUST FAN IN COORDINATION WITH THE ROOFING WORK. TRACE AND VERIFY THE EXISTING POWER SOURCE (PANEL AND CIRCUIT). PULL BACK ALL WIRING/RACEWAYS TO THE INSIDE OF THE BUILDING AND MAKE ALL WIRING/RACEWAYS SAFE FOR THE DURATION OF CONSTRUCTION.
- TEMPORARILY REMOVE THE EXISTING SATELLITE DISH FOR THE DURATION OF THE ROOFING WORK. PULL BACK ALL WIRING/RACEWAYS TO THE INSIDE OF THE BUILDING AND MAKE ALL WIRING/RACEWAYS SAFE FOR THE DURATION OF CONSTRUCTION.
- TEMPORARILY SUPPORT AND PROTECT ALL ROOFTOP COMMUNICATION CABLING IN COORDINATION OF THE ROOFING WORK.

PROMPT REMOVAL AND REINSTATEMENT OF ALL ROOFTOP MECHANICAL EQUIPMENT:

IT SHALL BE NOTED THAT THE BUILDING WILL BE IN OPERATION FOR THE DURATION OF CONSTRUCTION. ANY WORK REQUIRING SHUTTING OFF OF POWER SHALL BE COMPLETED DURING WEEKEND HOURS ONLY.

AS A RESULT OF THE BUILDING BEING IN OPERATION FOR THE DURATION OF CONSTRUCTION, IT WILL BE NECESSARY TO PROMPTLY REINSTATE POWER AND FIRE ALARM TO MECHANICAL EQUIPMENT AND RESTORE FUNCTIONALITY TO ALL EQUIPMENT. MINIMIZE DOWNTIME OF ANY EQUIPMENT BY EXPEDITIOUSLY REMOVING THE EQUIPMENT, STORING IT OFF SITE, COMPLETING THE ROOFING WORK LOCALLY AROUND THE MECHANICAL EQUIPMENT AND RETURNING TO SITE AND REINSTATING ALL MECHANICAL EQUIPMENT AND ALL SERVICES TO IT.

ALLOW FOR ALL NECESSARY MOBILIZATIONS AND DEMOBILIZATIONS TO ACHIEVE MINIMAL DISRUPTION TO THE FACILITY AS POSSIBLE.

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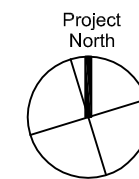
ELECTRICAL
MECHANICAL
LIGHTING
COMMUNICATION
SECURITY

TSSS Brant
Roof Replacement

60 Brant Street
Toronto, Ontario.
M5V 3G9

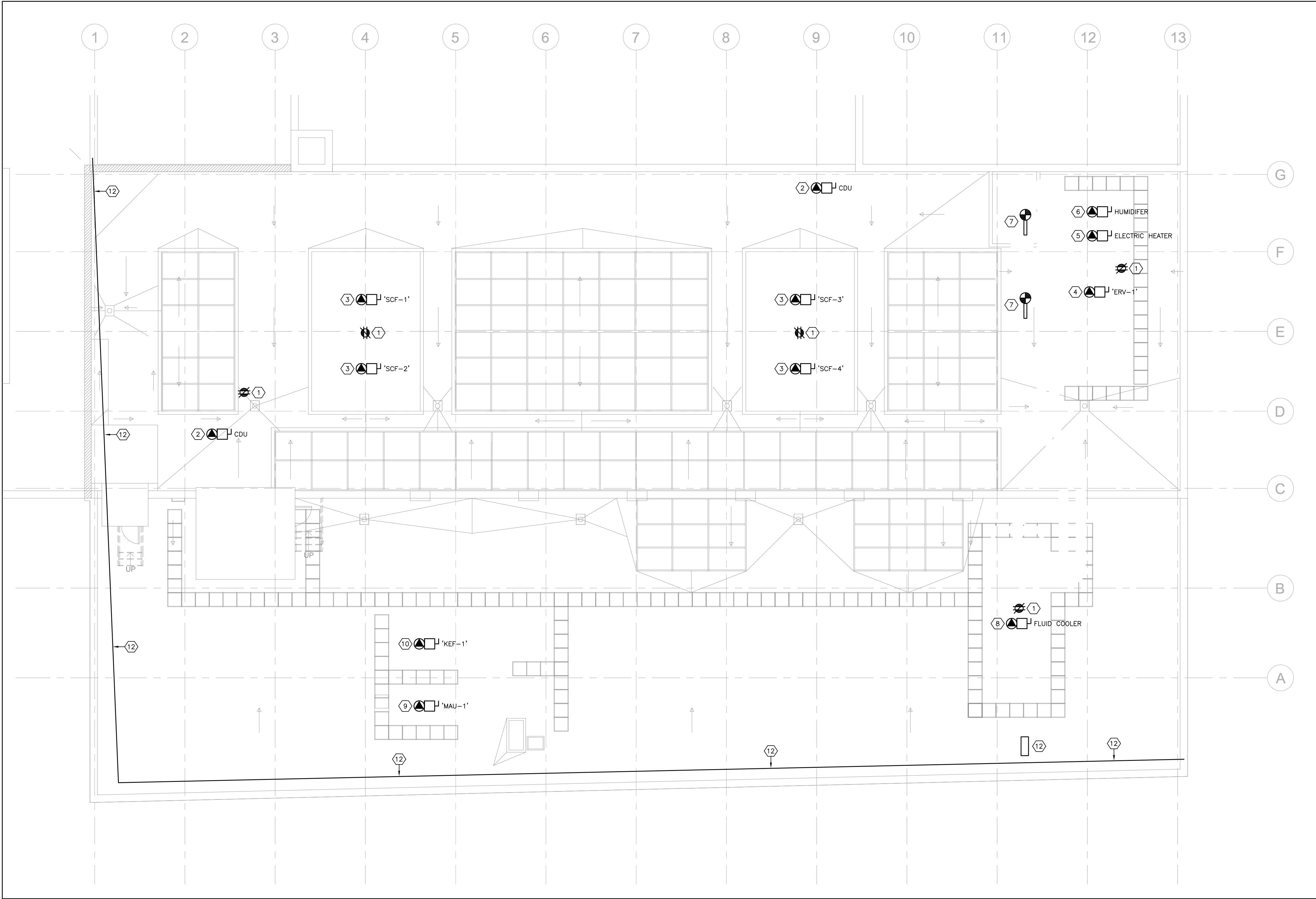
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|---------------|--------------|
| PROJECT CODE: | SCALE: |
| 26-126 | As indicated |
| DATE: | STATUS: |
| Dec 2025 | RS |

ROOF - EXISTING ELECTRICAL PLAN



drawing number

E2



1 ROOF - NEW ELECTRICAL PLAN
E3 SCALE: 1:100

- DRAWING NOTES:**
- REINSTATE EXISTING ROOFTOP RECEPTACLE AT ITS ORIGINAL LOCATION. REINSTATE ALL WIRING/RACEWAYS FROM INSIDE OF THE BUILDING TO THE RECEPTACLE AND MAKE THE RECEPTACLE OPERATIONAL. ALL CONDUIT/WIRING ON THE ROOF SHALL BE REPLACED WITH NEW.
 - REINSTATE THE POWER CONNECTION TO THE EXISTING CONDENSING UNIT AFTER COMPLETION OF THE ROOFING WORK. REINSTATE ALL WIRING/RACEWAYS FROM INSIDE OF THE BUILDING TO THE UNIT AND MAKE THE UNIT OPERATIONAL. ALL CONDUIT/WIRING ON THE ROOF SHALL BE REPLACED WITH NEW.
 - REINSTATE THE POWER CONNECTION AND FIRE ALARM WIRING TO THE EXISTING SMOKE CONTROL FAN AFTER COMPLETION OF THE ROOFING WORK. REINSTATE ALL WIRING/RACEWAYS FROM INSIDE OF THE BUILDING TO THE UNIT AND MAKE THE UNIT OPERATIONAL. ALL CONDUIT/WIRING ON THE ROOF SHALL BE REPLACED WITH NEW.
 - REINSTATE THE POWER CONNECTION TO THE EXISTING ERV UNIT 'ERV-1' AFTER COMPLETION OF THE ROOFING WORK. REINSTATE ALL WIRING/RACEWAYS FROM INSIDE OF THE BUILDING TO THE UNIT AND MAKE THE UNIT OPERATIONAL. ALL CONDUIT/WIRING ON THE ROOF SHALL BE REPLACED WITH NEW.
 - PROVIDE FIRE ALARM FAN SHUTDOWN OF THE UNIT. PROVIDE A FIRE ALARM VERIFICATION REPORT ENSURING THAT THE UNIT SHUT DOWN UPON A GENERAL ALARM. RETAIN THE SERVICES OF A ULC-APPROVED INTEGRATED TESTING PROVIDER TO PERFORM CAN/ULC S1001 INTEGRATED TESTING OF THE FAN SHUTDOWN. ALL COSTS OF THE INTEGRATED TESTING PROVIDER SHALL BE INCLUDED FOR IN THE BASE TENDER PRICE.
 - REINSTATE THE POWER CONNECTION TO THE EXISTING ELECTRIC HEATER AFTER COMPLETION OF THE ROOFING WORK. REINSTATE ALL WIRING/RACEWAYS FROM INSIDE OF THE BUILDING TO THE UNIT AND MAKE THE UNIT OPERATIONAL. ALL CONDUIT/WIRING ON THE ROOF SHALL BE REPLACED WITH NEW.
 - REINSTATE THE POWER CONNECTION TO THE EXISTING HUMIDIFIER AFTER COMPLETION OF THE ROOFING WORK. REINSTATE ALL WIRING/RACEWAYS FROM INSIDE OF THE BUILDING TO THE UNIT AND MAKE THE UNIT OPERATIONAL. ALL CONDUIT/WIRING ON THE ROOF SHALL BE REPLACED WITH NEW.
 - REINSTATE THE POWER CONNECTION TO THE EXISTING ELECTRIC STRIP HEATER FOR THE DUCT SMOKE DETECTOR AFTER COMPLETION OF THE ROOFING WORK. REINSTATE ALL WIRING/RACEWAYS FROM INSIDE OF THE BUILDING TO THE UNIT AND MAKE THE UNIT OPERATIONAL. ALL CONDUIT/WIRING ON THE ROOF SHALL BE REPLACED WITH NEW. REINSTATE THE EXISTING DUCT SMOKE DETECTOR AT ITS ORIGINAL LOCATION OF THE DUCTWORK AFTER COMPLETION OF THE ROOFING WORK. REINSTATE ALL WIRING/RACEWAYS FROM INSIDE OF THE BUILDING TO THE UNIT AND MAKE THE UNIT OPERATIONAL. ALL CONDUIT/WIRING ON THE ROOF SHALL BE REPLACED WITH NEW.
 - REINSTATE THE POWER CONNECTION TO THE EXISTING FLUID COOLER AFTER COMPLETION OF THE ROOFING WORK. REINSTATE ALL WIRING/RACEWAYS FROM INSIDE OF THE BUILDING TO THE UNIT AND MAKE THE UNIT OPERATIONAL. ALL CONDUIT/WIRING ON THE ROOF SHALL BE REPLACED WITH NEW.
 - REINSTATE THE POWER CONNECTION TO THE EXISTING MAKEUP AIR UNIT 'MAU-1' AFTER COMPLETION OF THE ROOFING WORK. REINSTATE ALL WIRING/RACEWAYS FROM INSIDE OF THE BUILDING TO THE UNIT AND MAKE THE UNIT OPERATIONAL. ALL CONDUIT/WIRING ON THE ROOF SHALL BE REPLACED WITH NEW.
 - PROVIDE FIRE ALARM FAN SHUTDOWN OF THE UNIT. PROVIDE A FIRE ALARM VERIFICATION REPORT ENSURING THAT THE UNIT SHUT DOWN UPON A GENERAL ALARM. RETAIN THE SERVICES OF A ULC-APPROVED INTEGRATED TESTING PROVIDER TO PERFORM CAN/ULC S1001 INTEGRATED TESTING OF THE FAN SHUTDOWN. ALL COSTS OF THE INTEGRATED TESTING PROVIDER SHALL BE INCLUDED FOR IN THE BASE TENDER PRICE.
 - REINSTATE POWER CONNECTION TO THE EXISTING KITCHEN EXHAUST FAN 'KEF-1' AFTER COMPLETION OF THE ROOFING WORK. REINSTATE ALL WIRING/RACEWAYS FROM INSIDE OF THE BUILDING TO THE UNIT AND MAKE THE UNIT OPERATIONAL. ALL CONDUIT/WIRING ON THE ROOF SHALL BE REPLACED WITH NEW.
 - REINSTATE THE EXISTING SATELLITE DISH AT ITS ORIGINAL LOCATION AND AIMING. REINSTATE ALL WIRING/RACEWAYS FROM INSIDE OF THE BUILDING TO THE UNIT AND MAKE THE UNIT OPERATIONAL. ALL CONDUIT/WIRING ON THE ROOF SHALL BE REPLACED WITH NEW.
 - PROVIDE PERMANENT ROOFTOP, NON-PENETRATING SUPPORTS FOR ALL ROOFTOP COMMUNICATION CABLING.
- GENERAL NOTES:**
- TEST OPERATION OF ALL ROOFTOP EQUIPMENT AFTER POWER RE-ENERGIZATION IN COORDINATION WITH THE MECHANICAL CONTRACTOR.
 - ALL FIRE ALARM WORK SHALL BE DONE BY THE BASE BUILDING FIRE ALARM VENDOR. ALL COSTS OF THE FIRE ALARM VENDOR SHALL BE INCLUDED IN THE BASE TENDER PRICE.
 - FINAL CONNECTION TO ALL MECHANICAL EQUIPMENT SHALL BE WITH A MAXIMUM LENGTH OF 5' OF LIQUIDTIGHT, FLEXIBLE CONDUIT.
 - FOR ALL EQUIPMENT, REUSE THE EXISTING WEATHERPROOF DISCONNECT SWITCH WHERE PRESENT AND IN GOOD WORKING CONDITION.
 - PROVIDE AN ESA INSPECTION REPORT/CERTIFICATE, FIRE ALARM VERIFICATION REPORT (IN ACCORDANCE WITH CAN/ULC-5537) AND AN S1001 INTEGRATED TESTING REPORT UPON COMPLETION OF ALL ELECTRICAL WORK.
- PROMPT REMOVAL AND REINSTATEMENT OF ALL ROOFTOP MECHANICAL EQUIPMENT:**
- IT SHALL BE NOTED THAT THE BUILDING WILL BE IN OPERATION FOR THE DURATION OF CONSTRUCTION. ANY WORK REQUIRING SHUTTING OFF OF POWER SHALL BE COMPLETED DURING WEEKEND HOURS ONLY.
- AS A RESULT OF THE BUILDING BEING IN OPERATION FOR THE DURATION OF CONSTRUCTION, IT WILL BE NECESSARY TO PROMPTLY REINSTATE POWER AND FIRE ALARM TO MECHANICAL EQUIPMENT AND RESTORE FUNCTIONALITY TO ALL EQUIPMENT. MINIMIZE DOWNTIME OF ANY EQUIPMENT BY EXPEDITIOUSLY REMOVING THE EQUIPMENT, STORING IT OFF SITE, COMPLETING THE ROOFING WORK LOCALLY AROUND THE MECHANICAL EQUIPMENT AND RETURNING TO SITE AND REINSTATING ALL MECHANICAL EQUIPMENT AND ALL SERVICES TO IT.
- ALLOW FOR ALL NECESSARY MOBILIZATIONS AND DEMOBILIZATIONS TO ACHIEVE MINIMAL DISRUPTION TO THE FACILITY AS POSSIBLE.

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| Rev | Description | Date |
|-----|--------------|---------------|
| 1 | 90% Progress | Jan. 19, 2026 |
| 2 | Permit | Feb. 26, 2026 |
| 3 | Tender | Mar. 6, 2026 |



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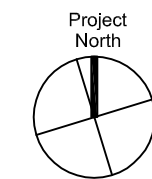
ELECTRICAL
MECHANICAL
LIGHTING
COMMUNICATION
SECURITY

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Roof Replacement

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| | |
|---------------|--------------|
| PROJECT CODE: | SCALE: |
| 26-126 | As indicated |
| DATE: | STATUS: |
| Dec 2025 | RS |

ROOF - NEW ELECTRICAL PLAN



drawing number

E3