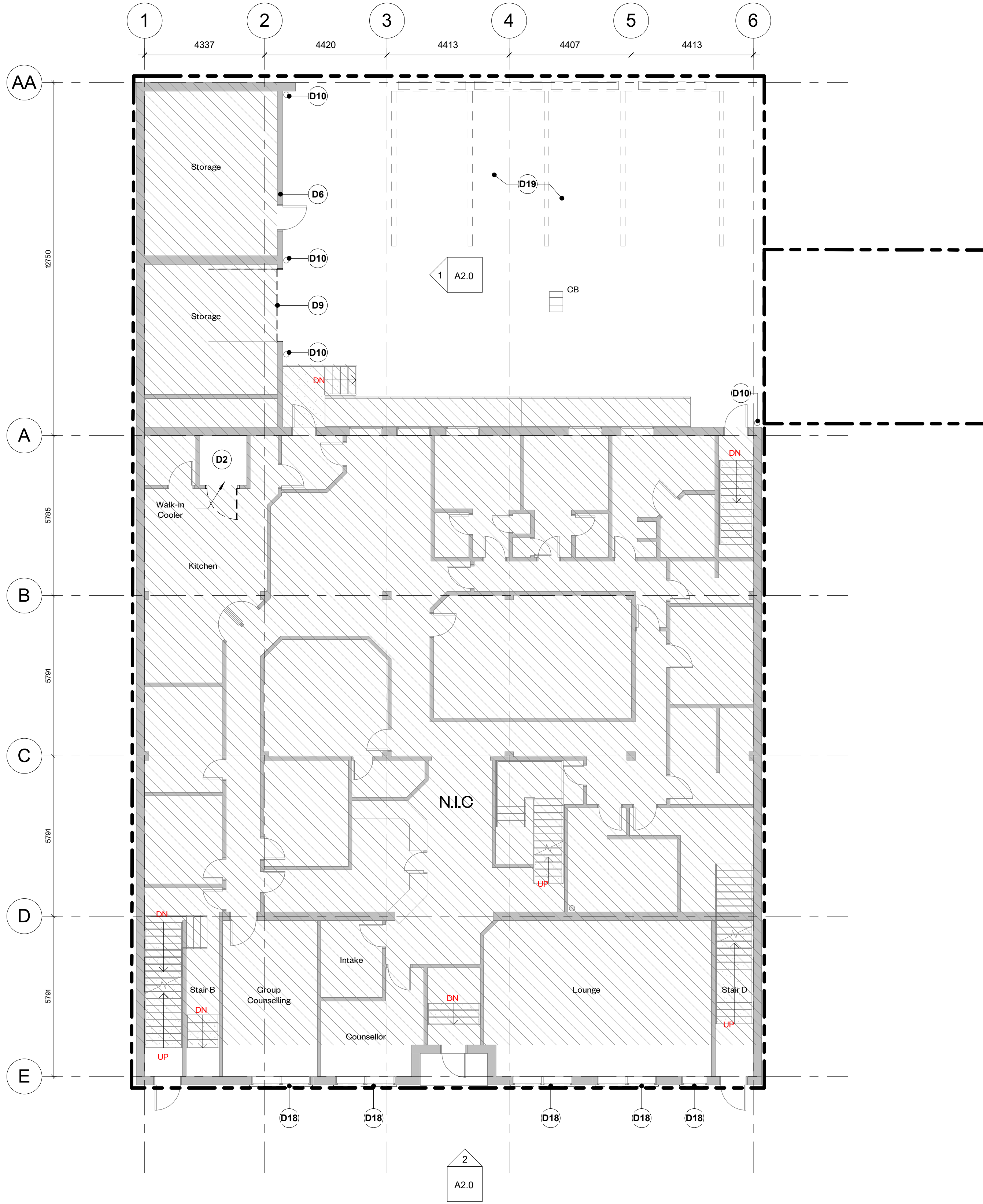




1 Basement - Demolition
1 : 100



2 Level 01 - Demolition
1 : 100

Demolition Notes	
Note	Description
D1	Demolish existing floor tile, prepare to receive new flooring.
D2	Demolish existing walk-in cooler flooring.
D3	Demolish existing roof assembly to existing roof sheathing, prepare to receive new roof assembly.
D4	Demolish existing eavestrough and associated fasteners and fittings, typ.
D5	Demolish existing wood deck and fence.
D6	Demolish bay window and garage exterior walls to sheathing layer, prepare to receive new cladding assembly.
D7	Demolish existing canopy and recessed gutter, decommission existing storm drainage line.
D8	Demolish existing metal stairs.
D9	Demolish existing overhead garage door, makegood opening to receive new door.
D10	Demolish existing rainwater leader and associated fasteners and fittings, typ.
D11	Remove existing gas piping, to be reinstated after roof replacement.
D12	Demolish existing parapet, make good to receive new roof assembly.
D13	Demolish existing edge flashing.
D14	Remove existing mechanical units, to be reinstated after roof replacement. See Mech.
D15	Demolish existing windows, prepare rough opening for new windows.
D16	Demolish existing sloped roof at bay windows.
D17	Demolish existing roof assembly to roof joists, prepare to receive new roof assembly.
D18	Demolish existing window sill.
D19	Demolish existing asphalt parking area and parking lines, prepare sublayer for repaving.
D20	Demolish existing parapet cap flashing at roof perimeter (typ.)

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Rev	Description	Date
1	75% Review	2026.01.26
2	Permit/Tender	2026.05.22
3	Tender	2026.07.13

Demolition Legend

- Existing CMU partition to be demolished
- Existing wall partition system to be demolished
- Existing element to be demolished
- Approximate extent of flooring to be removed
- Approximate extent of ceiling to be removed
- Existing door leaf and frame to be demolished
- N.I.C. Not in contract

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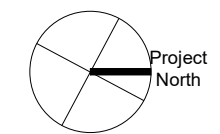
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Toronto Ontario M6P 6A8
416.901.8655
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1976 Pape Avenue

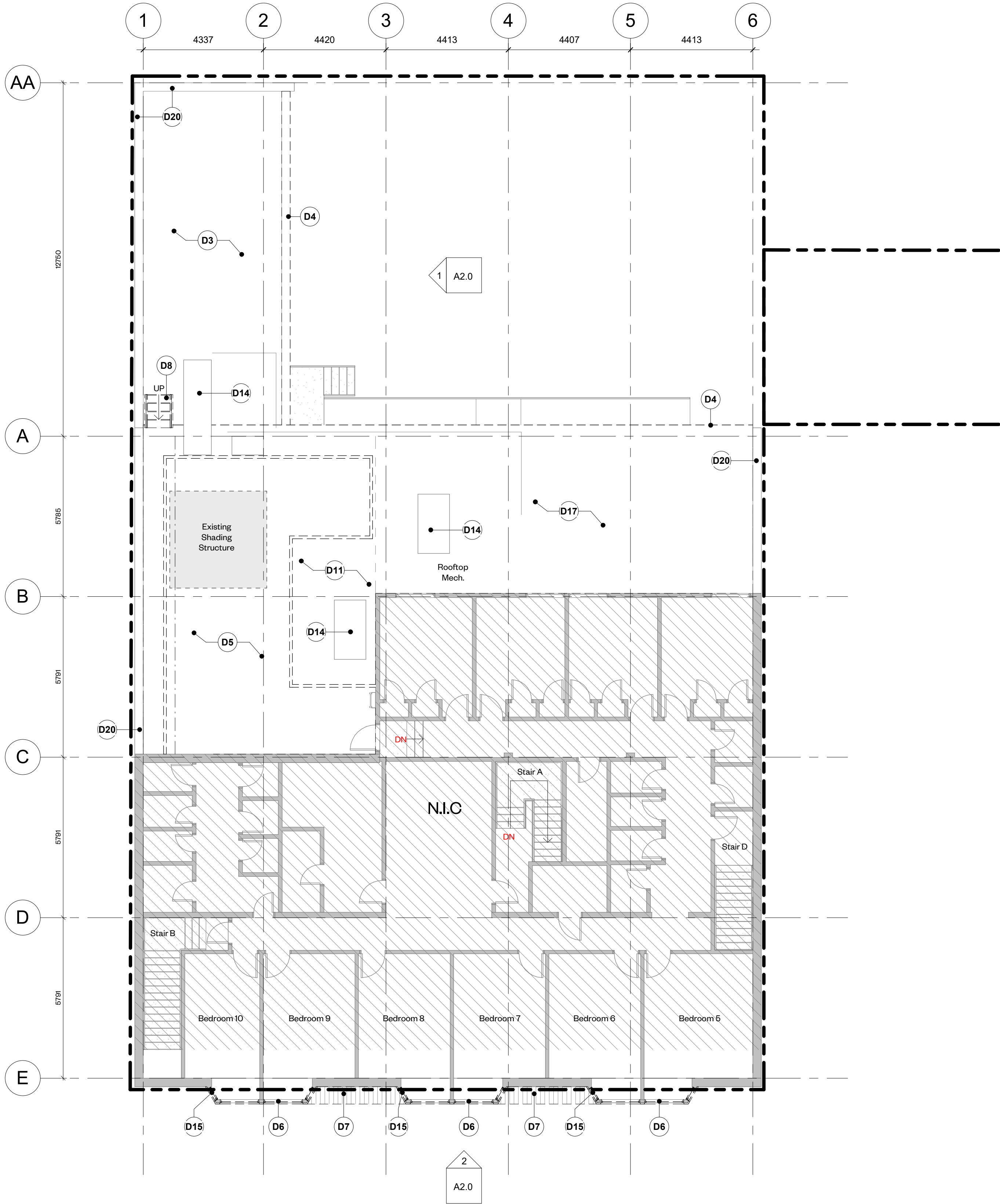
PROJECT CODE:	SCALE:
2520	1:100
DATE:	STATUS:
Jul 2026	Tender

Demolition Plans



drawing number

A1.0



1 Level 02 - Demolition
1 : 100

Demolition Notes	
Note	Description
D1	Demolish existing floor tile, prepare to receive new flooring.
D2	Demolish existing walk-in cooler flooring.
D3	Demolish existing roof assembly to existing roof sheathing, prepare to receive new roof assembly.
D4	Demolish existing eavestrough and associated fasteners and fittings, typ.
D5	Demolish existing wood deck and fence.
D6	Demolish bay window and garage exterior walls to sheathing layer, prepare to receive new cladding assembly.
D7	Demolish existing canopy and recessed gutter, decommission existing storm drainage line.
D8	Demolish existing metal stairs.
D9	Demolish existing overhead garage door, makegood opening to receive new door.
D10	Demolish existing rainwater leader and associated fasteners and fittings, typ.
D11	Remove existing gas piping, to be reinstated after roof replacement.
D12	Demolish existing parapet, make good to receive new roof assembly.
D13	Demolish existing edge flashing.
D14	Remove existing mechanical units, to be reinstated after roof replacement. See Mech.
D15	Demolish existing windows, prepare rough opening for new windows.
D16	Demolish existing sloped roof at bay windows.
D17	Demolish existing roof assembly to roof joists, prepare to receive new roof assembly.
D18	Demolish existing window sill.
D19	Demolish existing asphalt parking area and parking lines, prepare sublayer for repaving.
D20	Demolish existing parapet cap flashing at roof perimeter (typ.)

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Rev	Description	Date
1	75% Review	2026.01.26
2	Permit/Tender	2026.05.22
3	Tender	2026.07.13

Demolition Legend

- Existing CMU partition to be demolished
- Existing wall partition system to be demolished
- Existing element to be demolished
- Approximate extent of flooring to be removed
- Approximate extent of ceiling to be removed
- Existing door leaf and frame to be demolished
- N.I.C. Not in contract

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6 Sousa Mendes Street
Toronto Ontario M6P 6A8
416.901.8655
info@workshopto.ca
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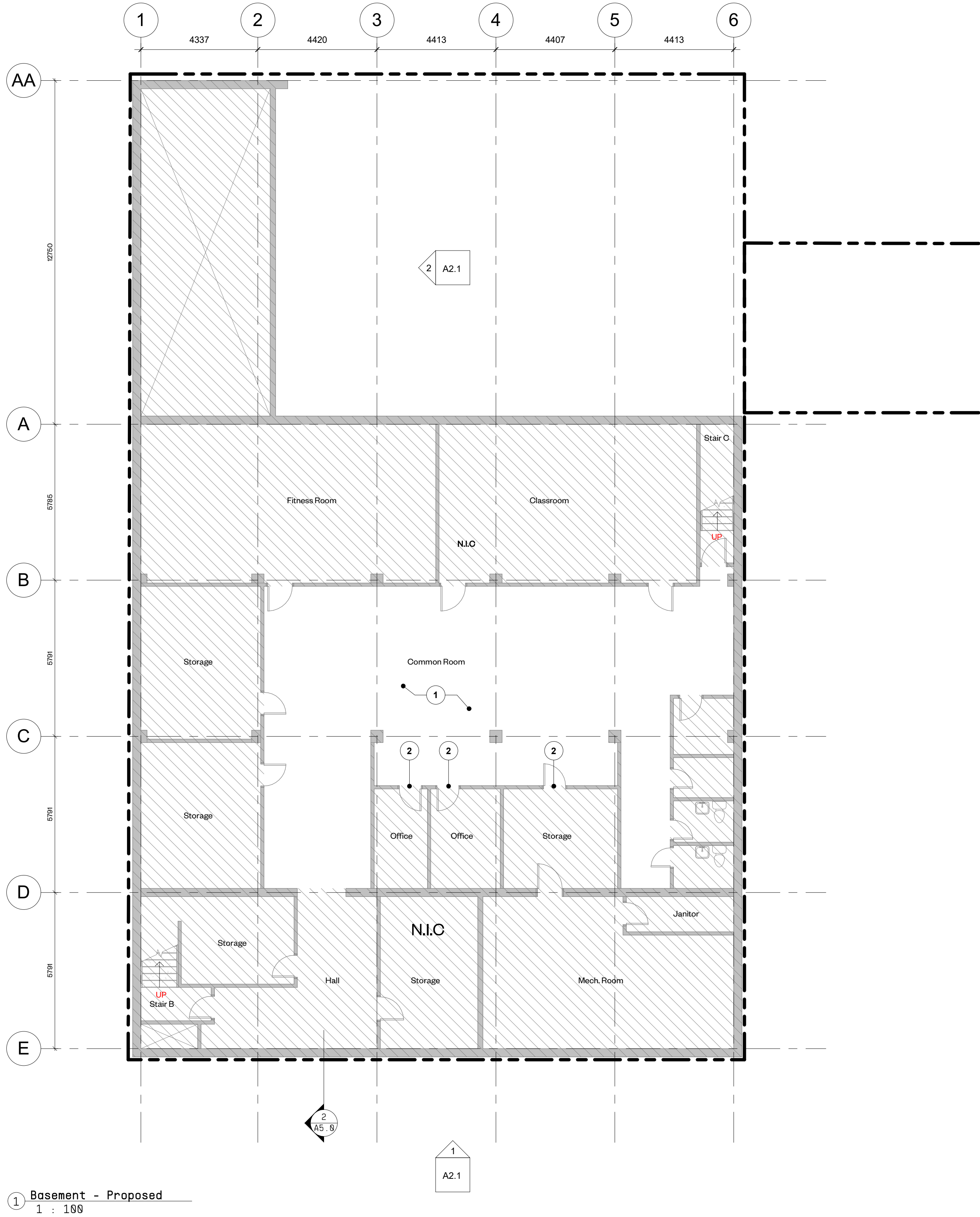
1976 Pape Avenue

PROJECT CODE:	SCALE:
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DATE:	STATUS:
Jul 2026	Tender

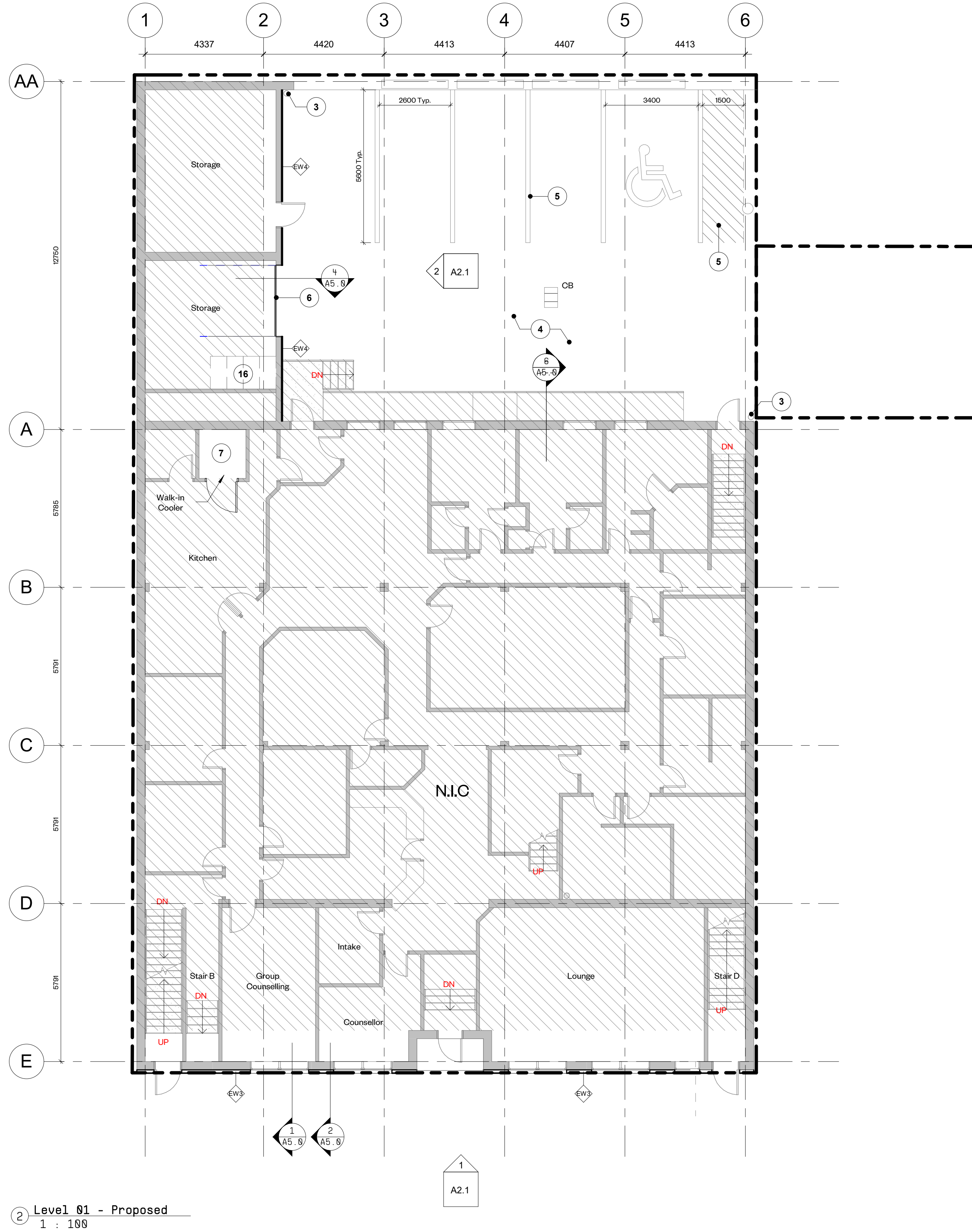
Demolition Plans



drawing number
A1.1



1 Basement - Proposed
1 : 100



2 Level 01 - Proposed
1 : 100

General Notes	
Note	Description
1	New tile floor finish, provide slopes to existing drainage.
2	Replace existing thresholds at openings
3	New rainwater leader c/w extender & splash pad. See Mech.
4	New asphalt parking lot paving, slope to existing catch basin. See Civil.
5	Repaint parking lines & signs. See Civil.
6	New overhead garage door in existing opening.
7	Replace existing flooring with resilient flooring.
8	Relocate existing roof drains totop of new roof assembly, see detail 8/A&O.
9	New roof drains. See Mech.
10	New flat roof assembly on existing roof deck, sloped to drain.
11	New metal fence c/w swing gate, mounted on concrete pavers.
12	New parapet wall typ.
13	New flat roof assembly and structure secured to existing structure, sloped to drain. See Struct.
14	New metal stairs.
15	Existing guard to remain.
16	Vertical bike storage racks.
17	New windows in existing openings, typ.
18	New windows, enlarge existing openings.
19	New parapet cap flashing at roof perimeter to replace existing, typ.
20	Metal guard affixed to existing building wall.

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Rev	Description	Date
1	75% Review	2026.01.26
2	Permit/Tender	2026.05.22
3	Tender	2026.07.13

Legend

- Existing partition to remain
- New partition as scheduled
- Not in Contract

Symbols Legend

- Partition Tag - refer to Assembly Schedule
- Window tag - refer to Window Schedule
- RD - Roof Drain
- (E) Existing
- N.I.C. - Not in Contract

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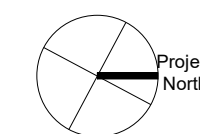
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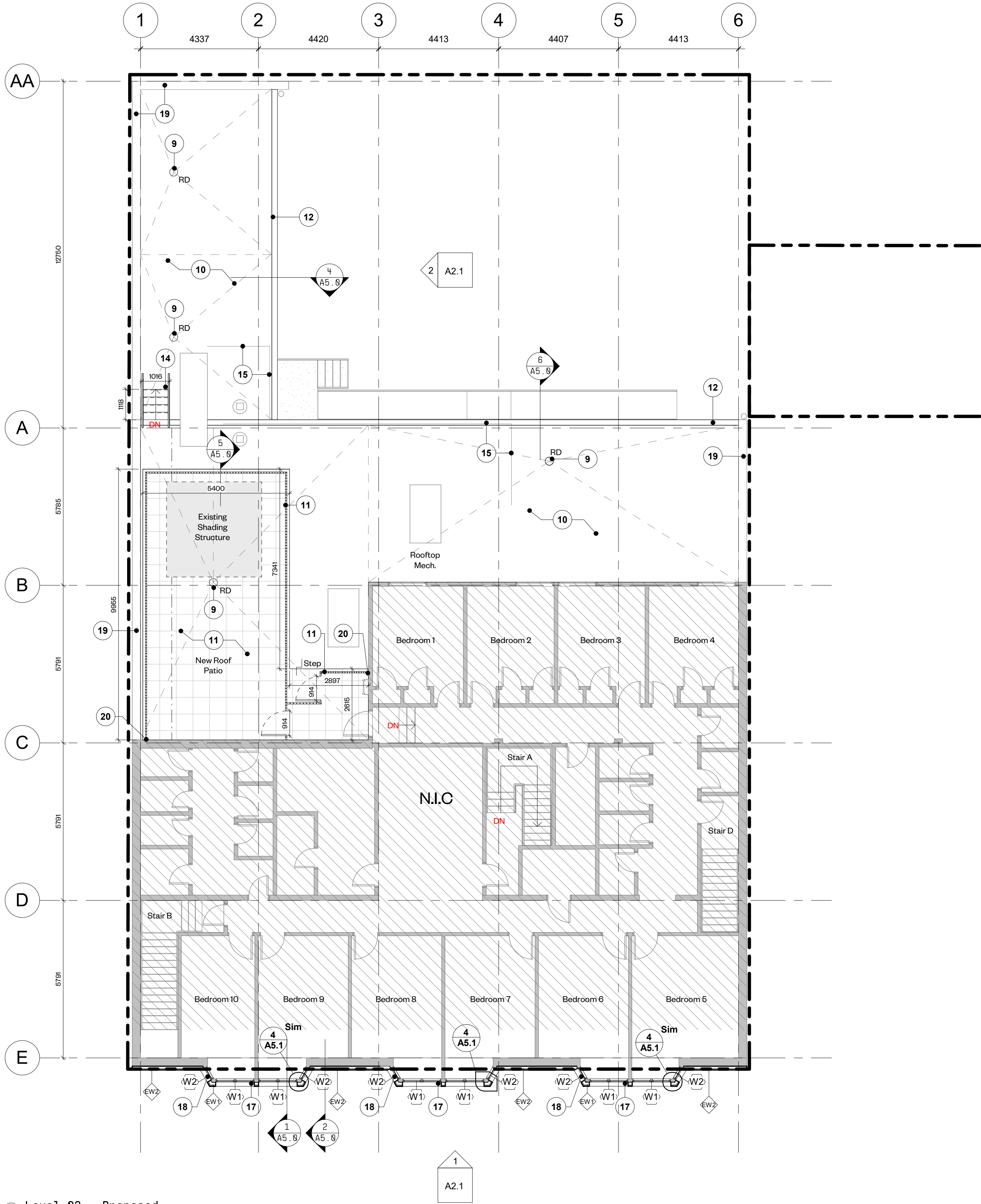
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DATE:	STATUS:
Jul 2026	Tender

Proposed Plans

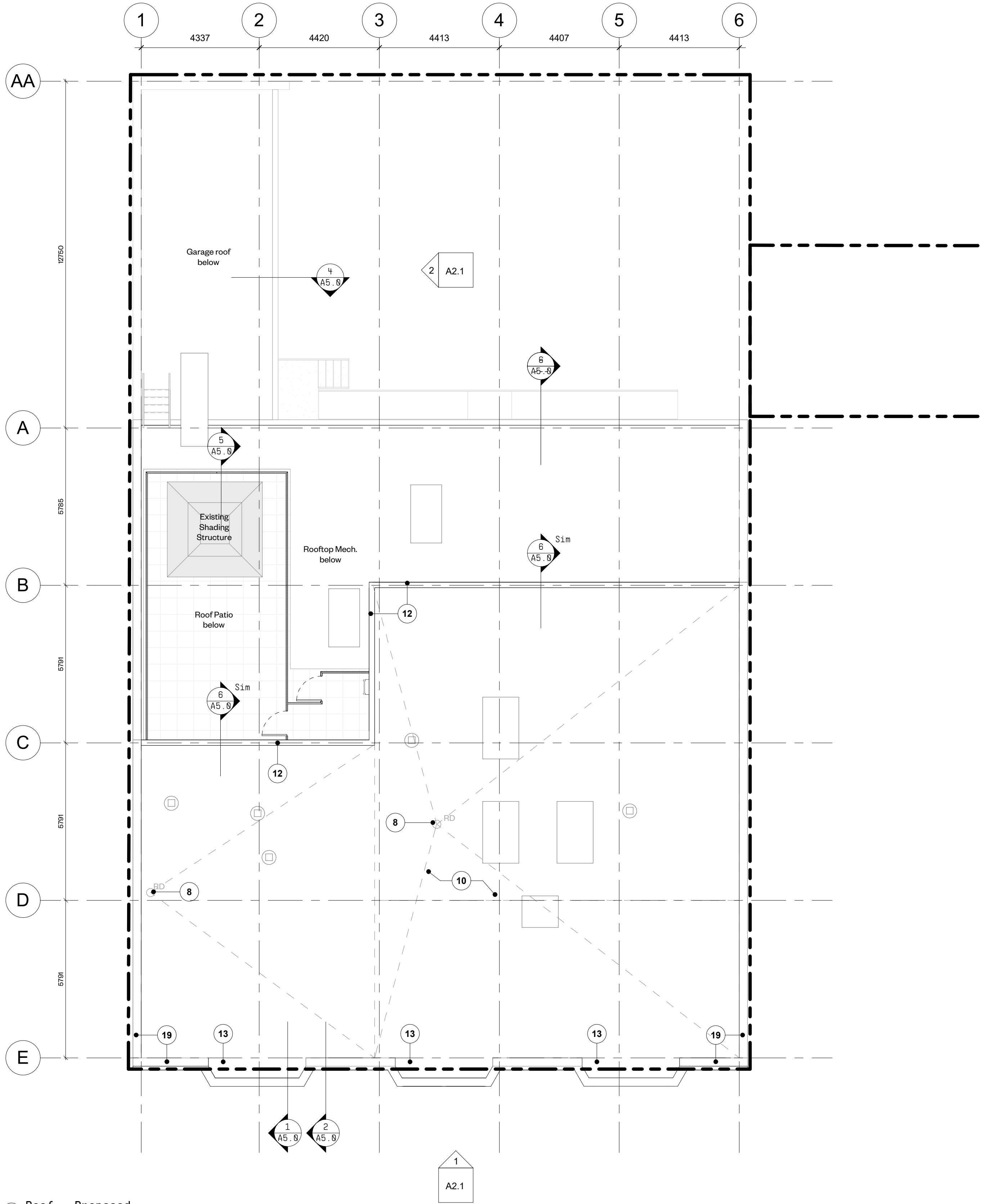


drawing number

A1.2



1 Level 02 - Proposed
1 : 100



2 Roof - Proposed
1 : 100

General Notes	
Note	Description
1	New tile floor finish, provide slopes to existing drainage.
2	Replace existing thresholds at openings
3	New rainwater leader c/w extender & splash pad. See Mech.
4	New asphalt parking lot paving, slope to existing catch basin. See Civil.
5	Repaint parking lines & signs. See Civil.
6	New overhead garage door in existing opening.
7	Replace existing flooring with resilient flooring.
8	Relocate existing roof drains totop of new roof assembly, see detail 8/A5.0.
9	New roof drains. See Mech.
10	New flat roof assembly on existing roof deck, sloped to drain.
11	New metal fence c/w swing gate, mounted on concrete pavers.
12	New parapet wall typ.
13	New flat roof assembly and structure secured to existing structure, sloped to drain. See Struct.
14	New metal stairs.
15	Existing guard to remain.
16	Vertical bike storage racks.
17	New windows in existing openings, typ.
18	New windows, enlarge existing openings.
19	New parapet cap flashing at roof perimeter to replace existing, typ.
20	Metal guard affixed to existing building wall.

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Rev	Description	Date
1	75% Review	2026.01.26
2	Permit/Tender	2026.05.22
3	Tender	2026.07.13

Legend

- Existing partition to remain
- New partition as scheduled
- Not in Contract

Symbols Legend

- Partition Tag - refer to Assembly Schedule
- Window tag - refer to Window Schedule
- RD Roof Drain
- (E) Existing
- N.I.C. Not in Contract

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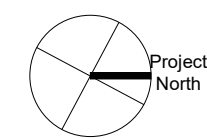
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6 Sousa Mendes Street
Toronto Ontario M6P 6A8
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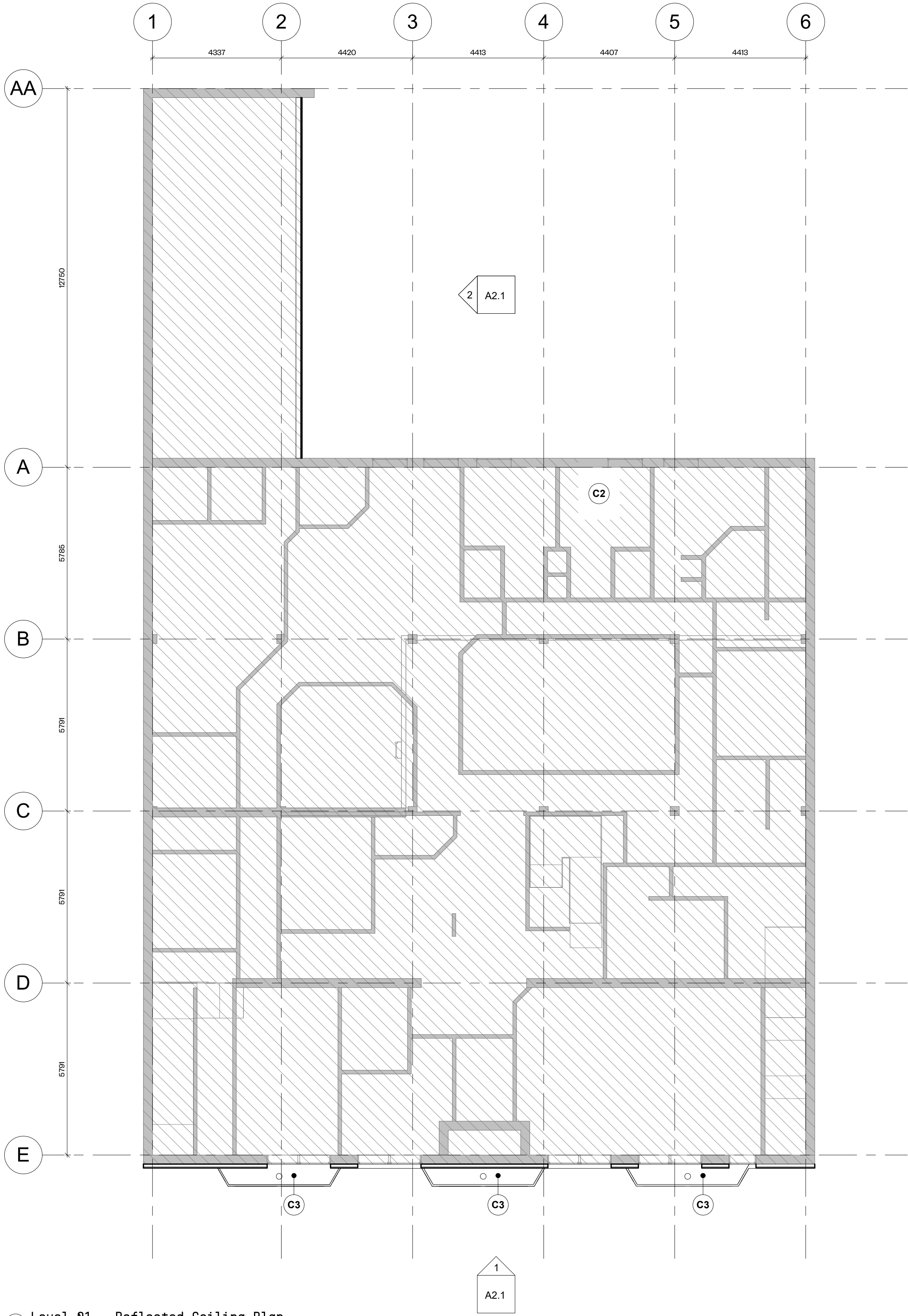
Proposed Plans



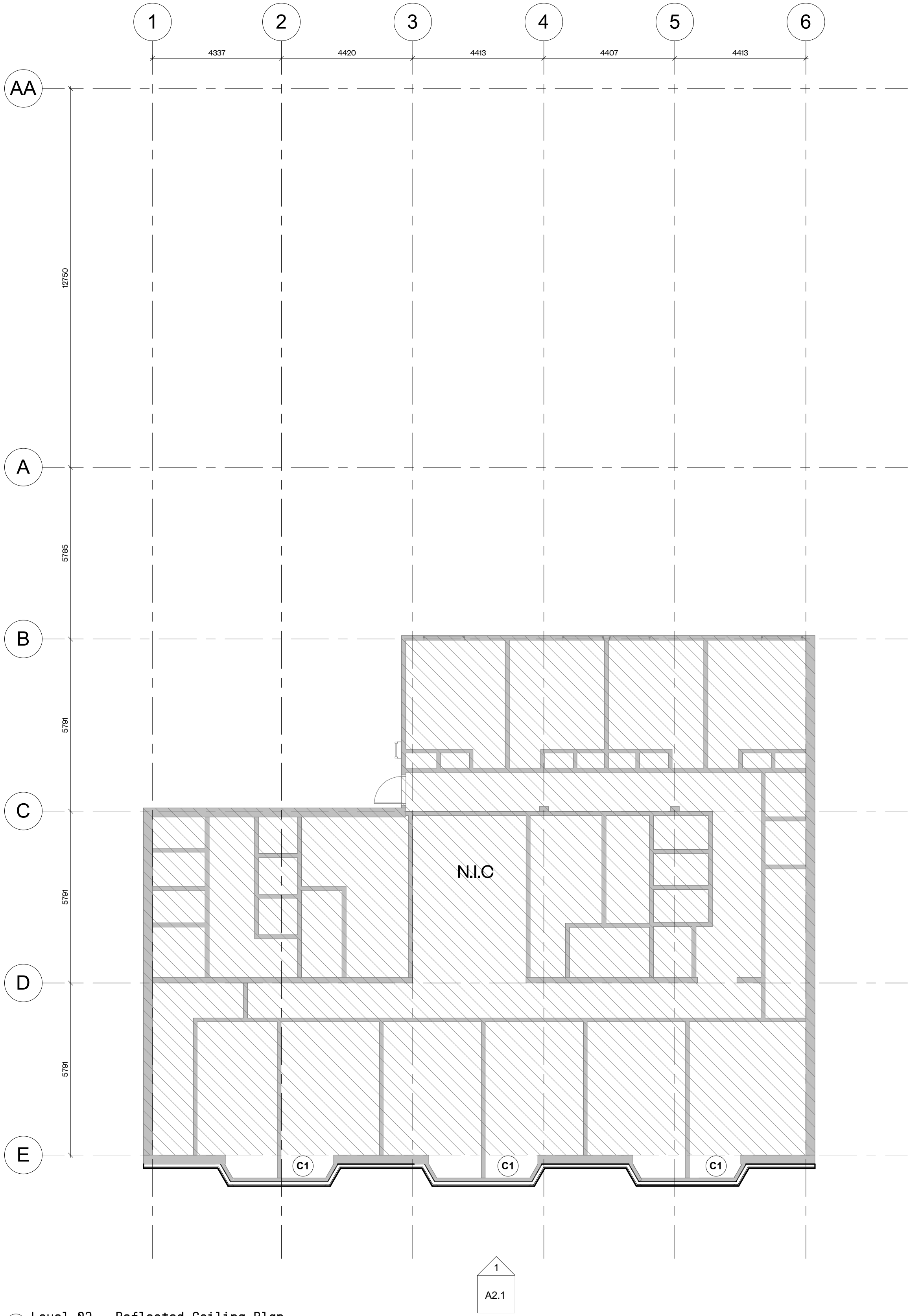
drawing number

A1.3

Ceiling Notes	
Note	Description
C1	New drywall ceiling at bay windows, typ.
C2	Repair drywall ceiling removed during construction, maintain fire rating of existing floor assembly.
C3	GFRC soffit cladding at bay windows, see 6/A5.0. See Elec. for soffit lighting.



1 Level 01 - Reflected Ceiling Plan
1 : 100



2 Level 02 - Reflected Ceiling Plan
1 : 100

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Rev	Description	Date
2	Permit/Tender	2026.05.22
3	Tender	2026.07.13

RCP Legend

- Exterior recessed downlight
- see Electrical
- (E) Existing

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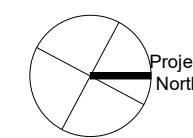
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Jul 2026	Tender

Reflected Ceiling Plans

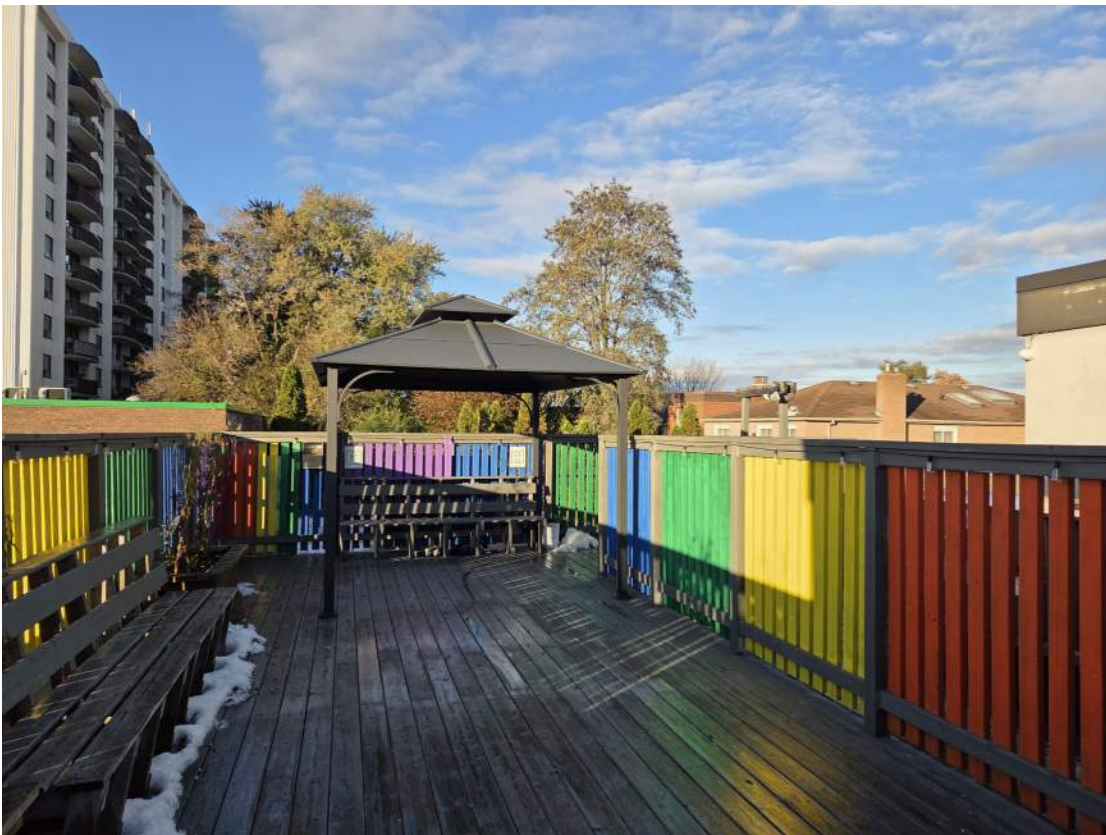


drawing number

A1.4



Existing rooftop mechnical units to be relocated during roof replacement
- See Demolition Note D14



Existing wood deck and fence to be demolished, shading structure to be removed and reinstated
- See Demolition Note D5



Existing garage roof and metal stairs to be replaced
- See Demolition Note D3 and Note D6



Existing basement flooring to be replaced
- See Demolition Note D1

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Rev	Description	Date
2	Permit/Tender	2026.05.22
3	Tender	2026.07.13



Existing windows at bay windows to be replaced
- See Demolition Note D16



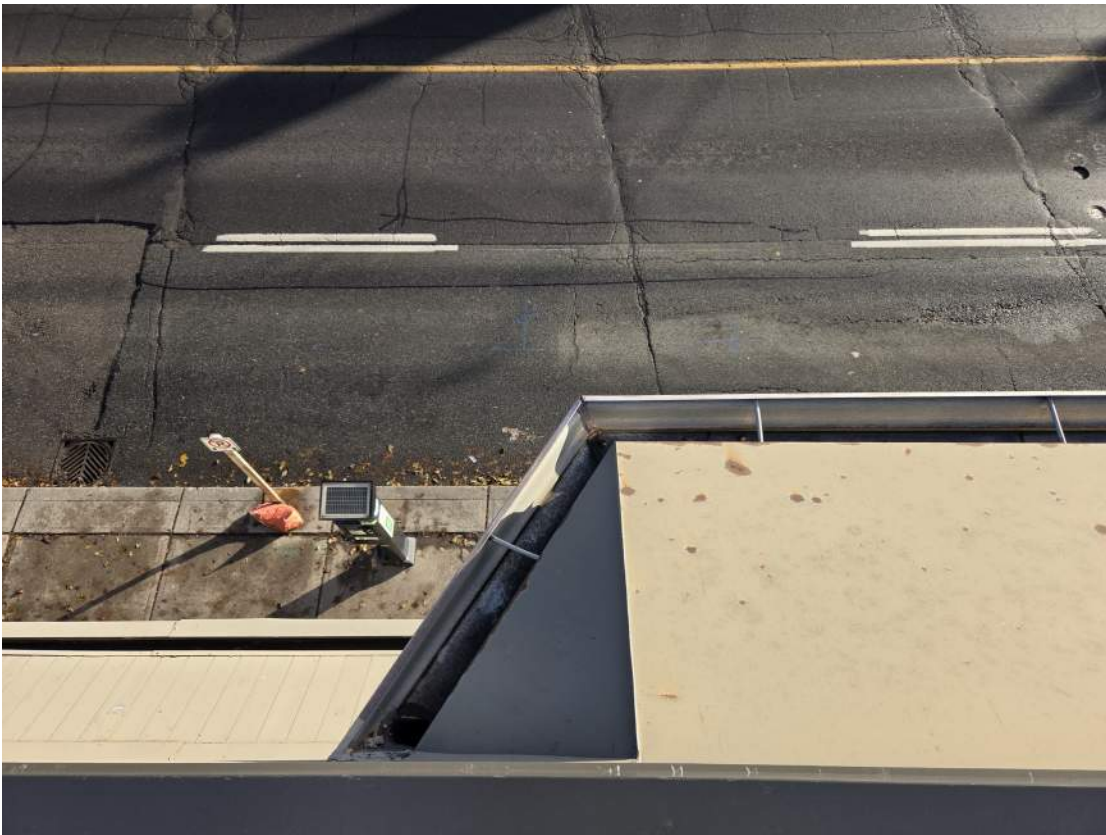
Existing bay window siding, canopy and soffit light to be demolished
- See Demolition Note D6 and Note D7



Existing garage roof and metal stairs to be replaced
- See Demolition Note D3 and Note D6



Existing walk-in cooler flooring to be replaced
- See Demolition Note D2



Existing sloped roof at bay windows to be demolished
- See Demolition Note D16



Existing overhead garage door to be replaced, exterior wall finished demolished to receive overcladding
- See Demolition Note D6 and D9



Existing parapet wall at upper roof
- See Demolition Note D3



Existing lower roof to be replaced
- See Demolition Note D3



Existing parking paving to be replaced and lines to be repainted
- See Demolition Note D19



Existing parapet wall section at bay windows to be demolished
- See Demolition Note D12



Existing eavestroughs to be demolished
- See Demolition Note D4



Existing parapet wall at lower roof
- See Demolition Note D3

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416.901.8055
info@workshopto.ca
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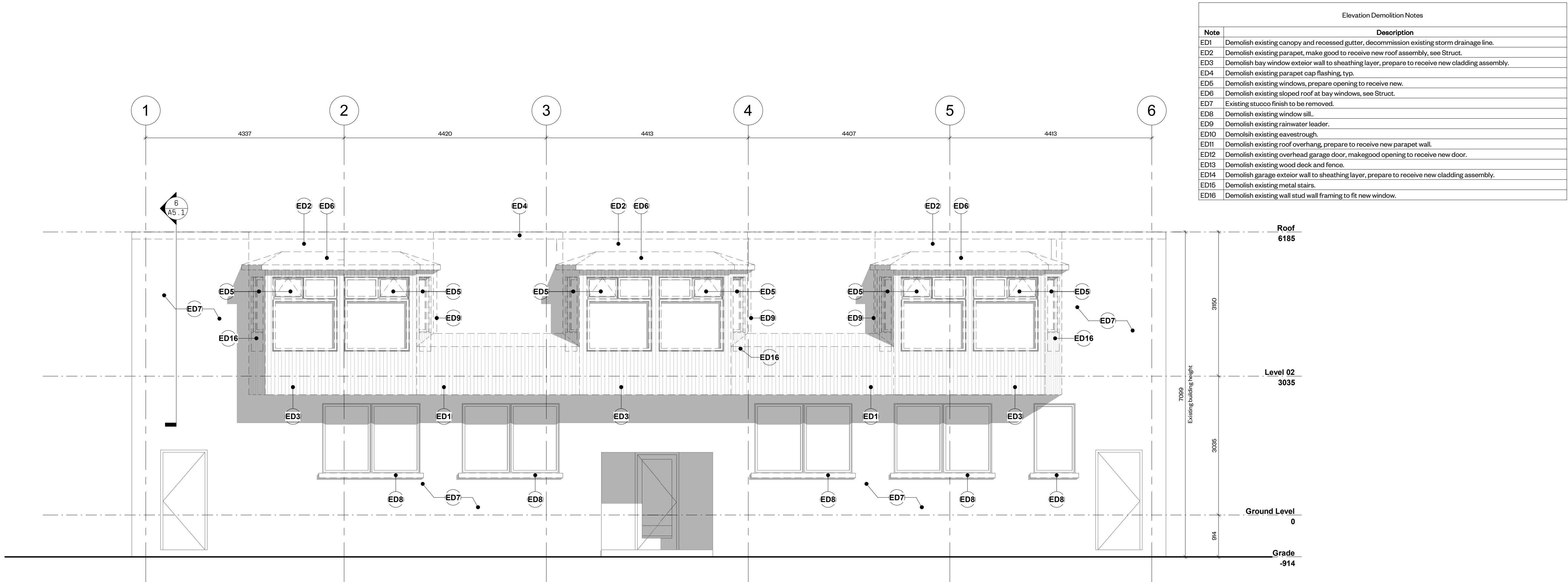
1976 Pape Avenue

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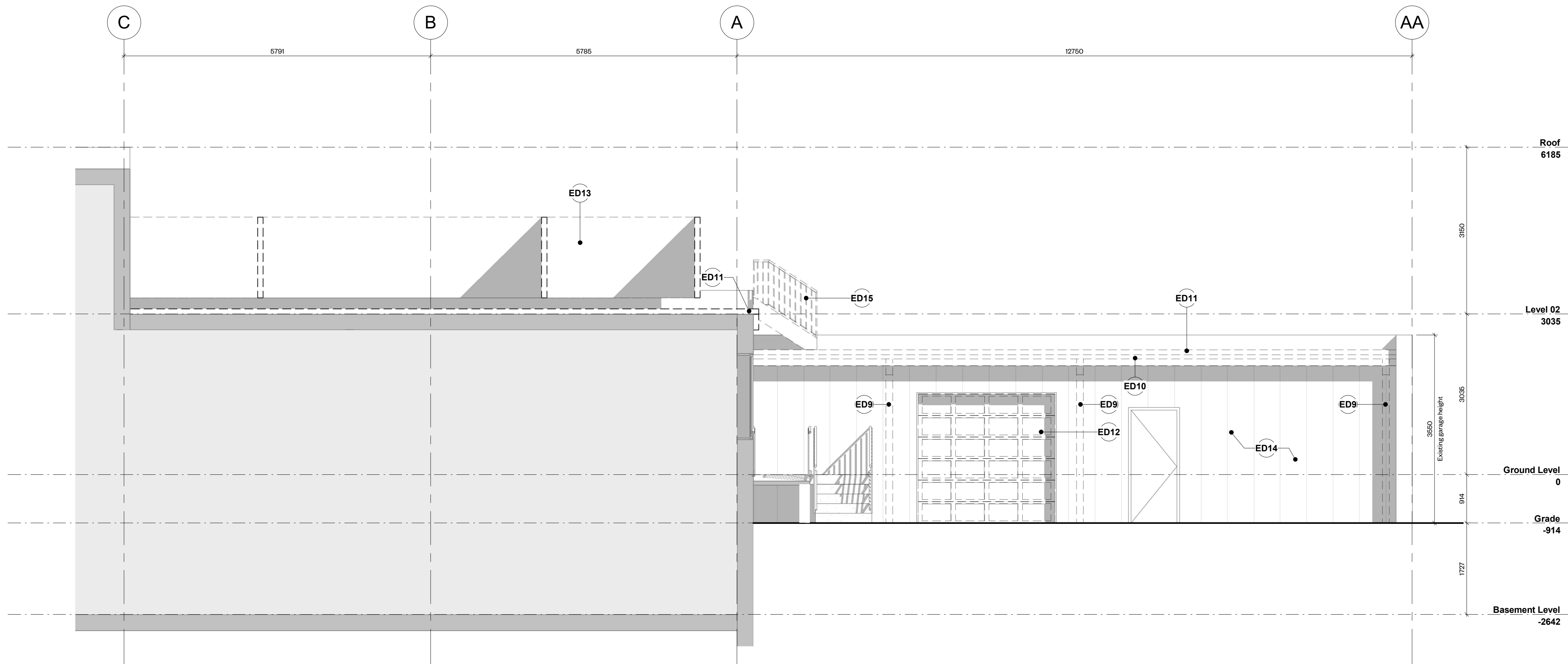
Existing Conditions

drawing number

A1.5



② East Elevation - Demolition
1 : 50



① North Elevation - Demolition
1 : 50

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Rev	Description	Date
1	75% Review	2026.01.26
2	Permit/Tender	2026.05.22
3	Tender	2026.07.13

Demolition Legend

- Existing CMU partition to be demolished
- Existing wall partition system to be demolished
- Existing element to be demolished
- Approximate extent of flooring to be removed
- Approximate extent of ceiling to be removed
- Existing door leaf and frame to be demolished
- N.I.C. Not in contract

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Workshop Architecture Inc.
6 Sousa Mendes Street
Toronto Ontario M6P 0A8
416.901.8655
info@workshopto.ca
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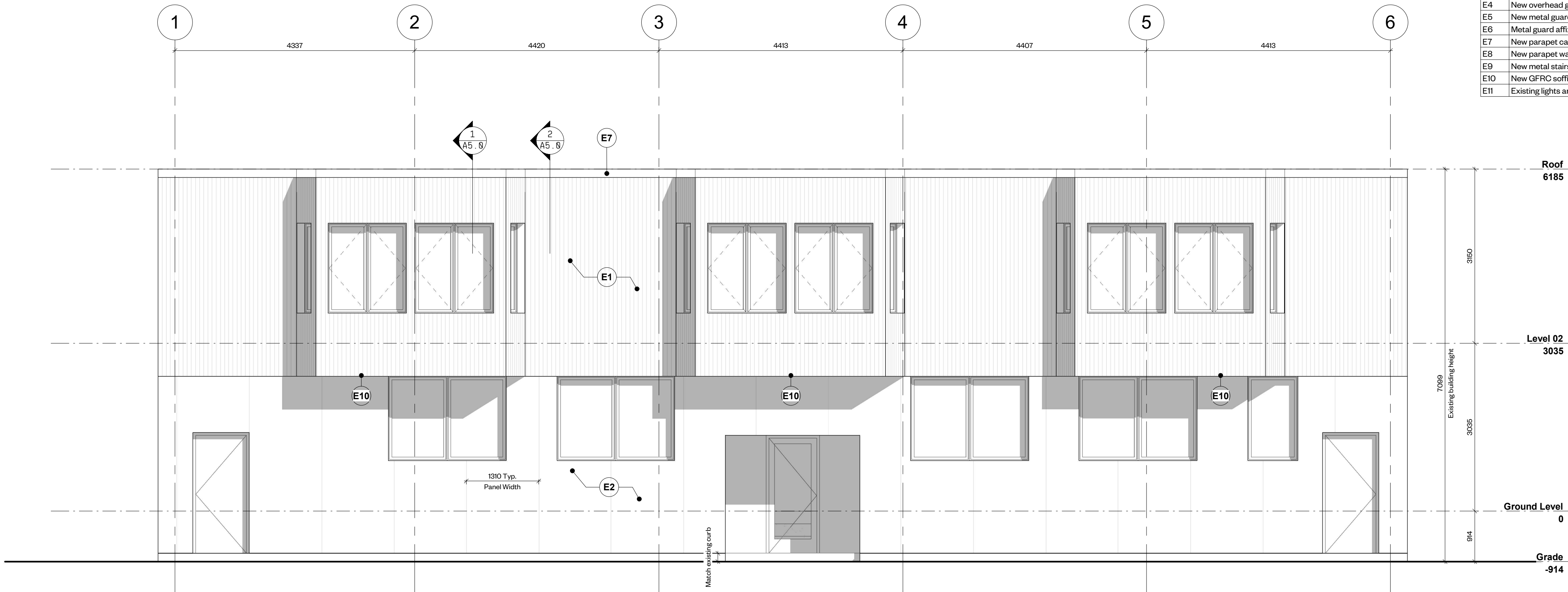
1976 Pape Avenue

PROJECT CODE:	SCALE:
2520	As indicated
DATE:	STATUS:
Jul 2026	Tender

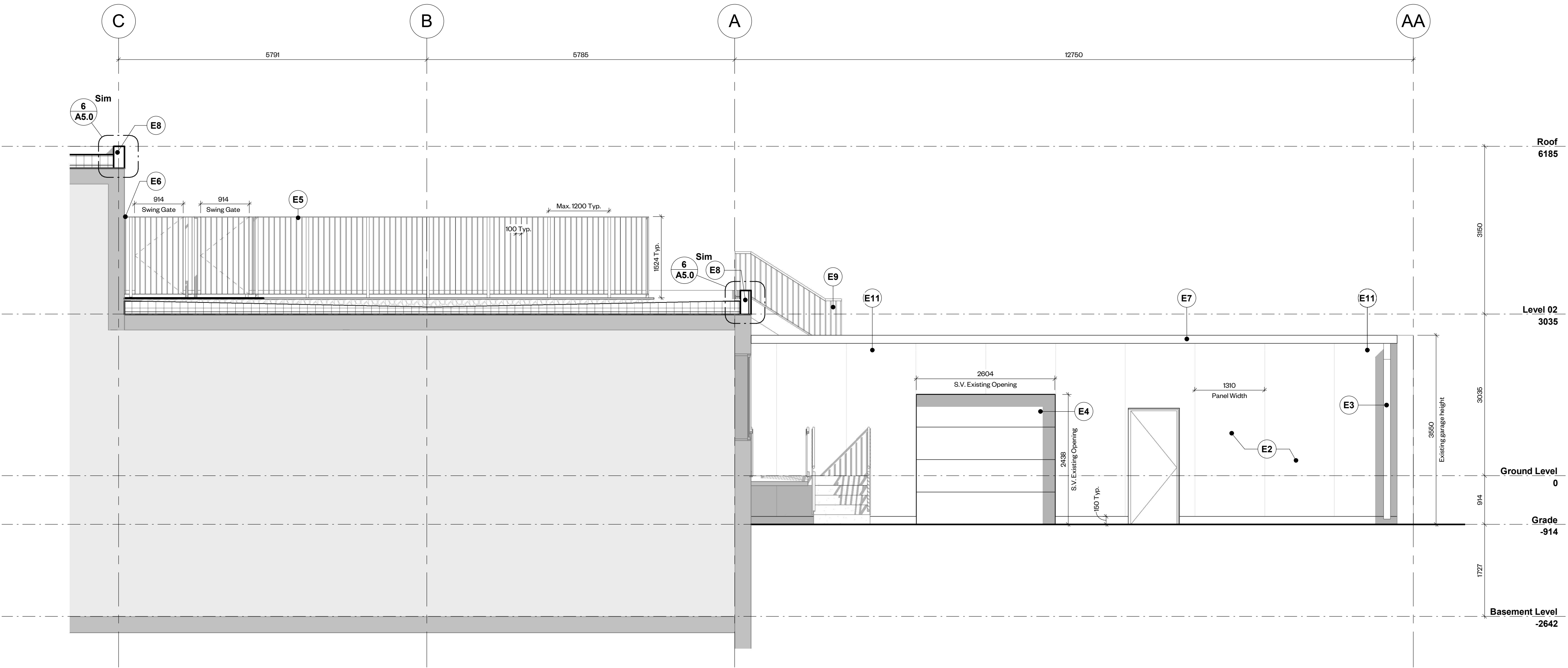
Exterior Elevations - Demo

drawing number

A2.0



1 East Elevation - Proposed
1 : 50



2 North Elevation - Proposed
1 : 50

Elevation Notes	
Note	Description
E1	New corrugated metal panel overcladding.
E2	New GFRC overcladding.
E3	New rainwater leader c/w extender & splash pad. See Mech.
E4	New overhead garage door in existing opening.
E5	New metal guards w/ swing gate on concrete pavers, see detail 5/A5.0.
E6	Metal guard affixed to existing building wall.
E7	New parapet cap flashing at roof parapet (typ.)
E8	New parapet wall to match existing parapet height.
E9	New metal stairs, see detail 6/A5.1.
E10	New GFRC soffit with recessed downlight. See Elec.
E11	Existing lights and CCTV to be reinstated after installation of new cladding.

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Toronto Ontario M6P 6A8
416.901.8655
info@workshopto.ca
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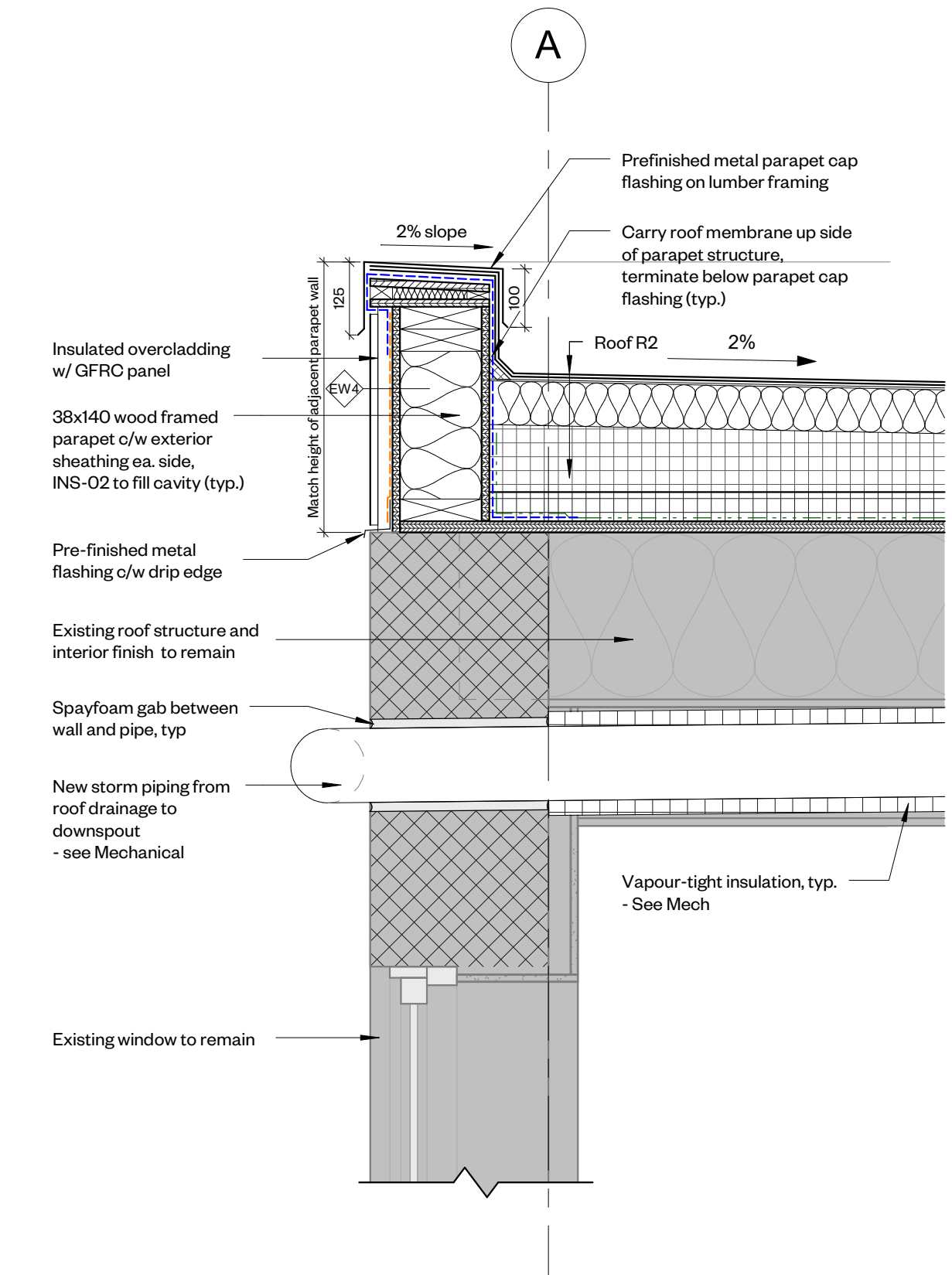
1876 Pape Avenue

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DATE:	STATUS:
Jul 2026	Tender

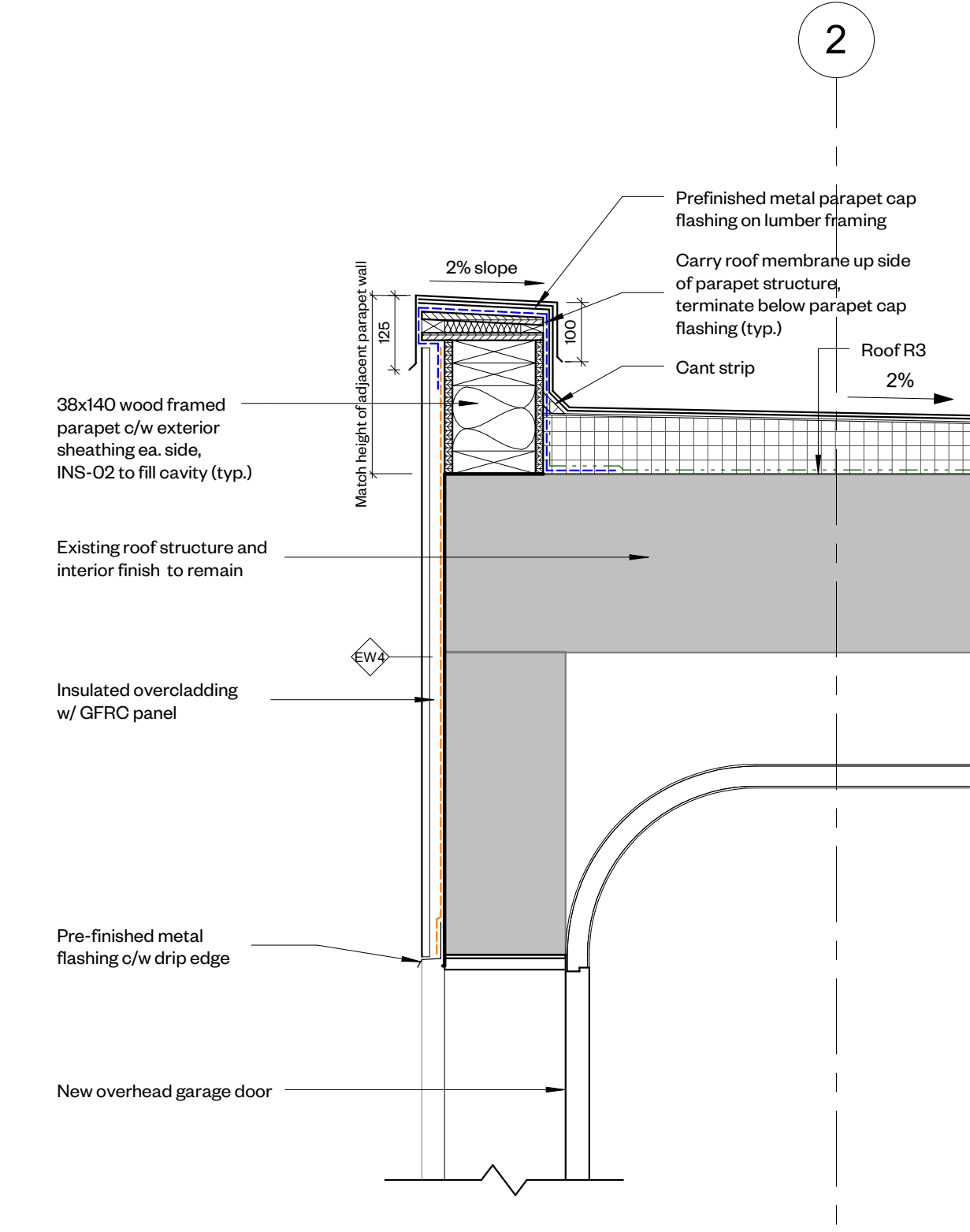
Exterior Elevations - Proposed

drawing number

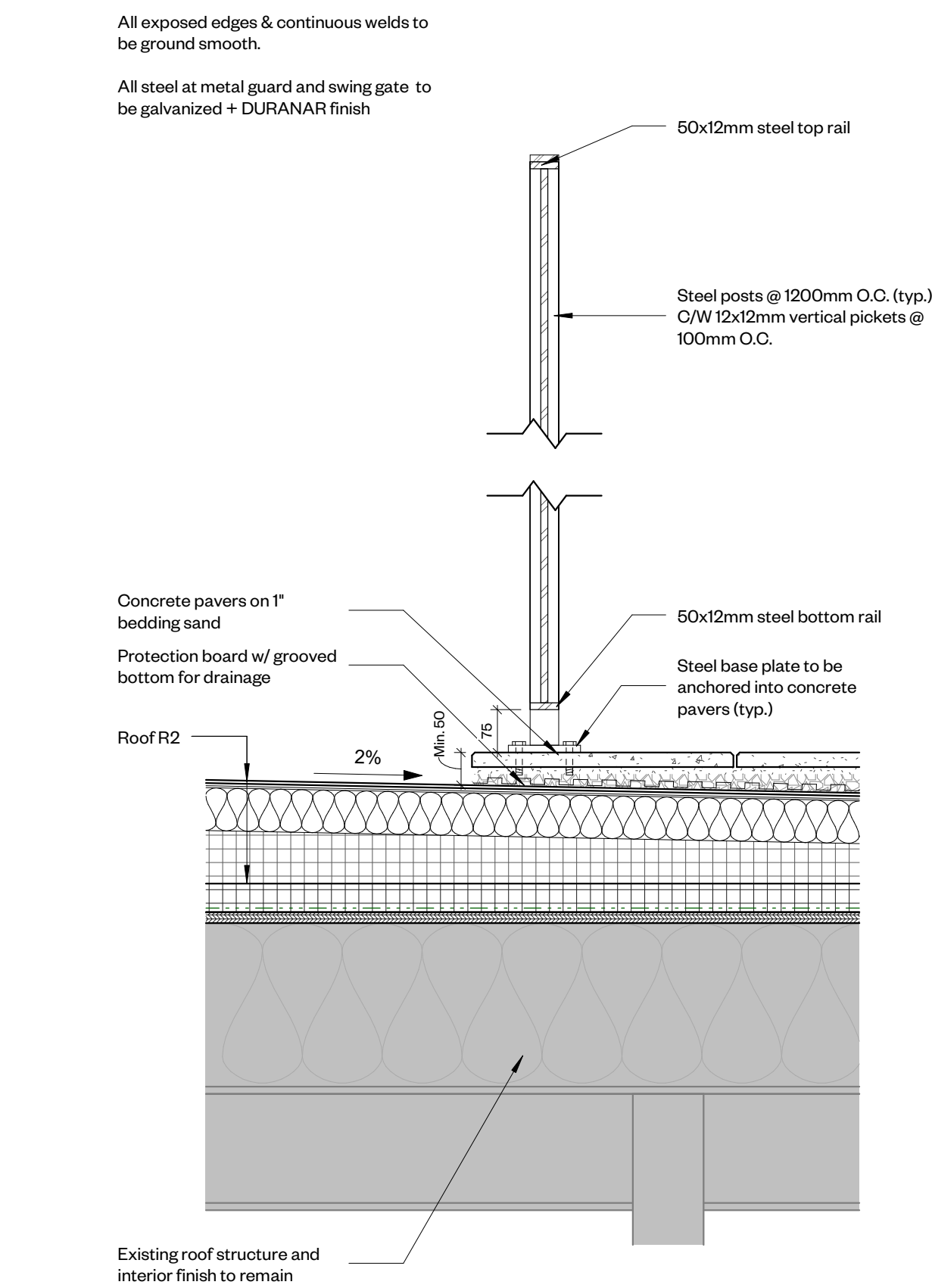
A2.1



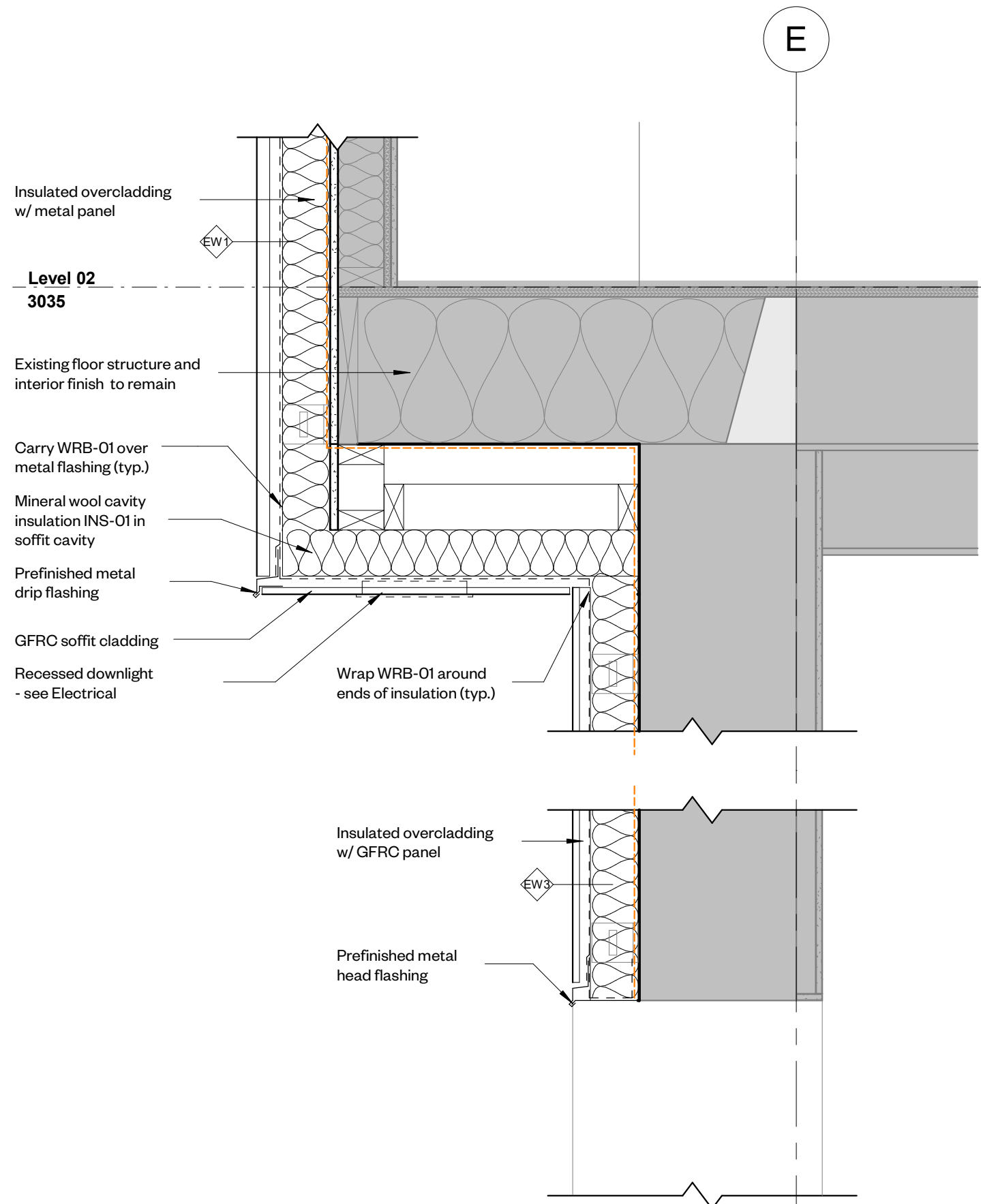
⑥ Section Detail - Parapet wall Typ.
1 : 10



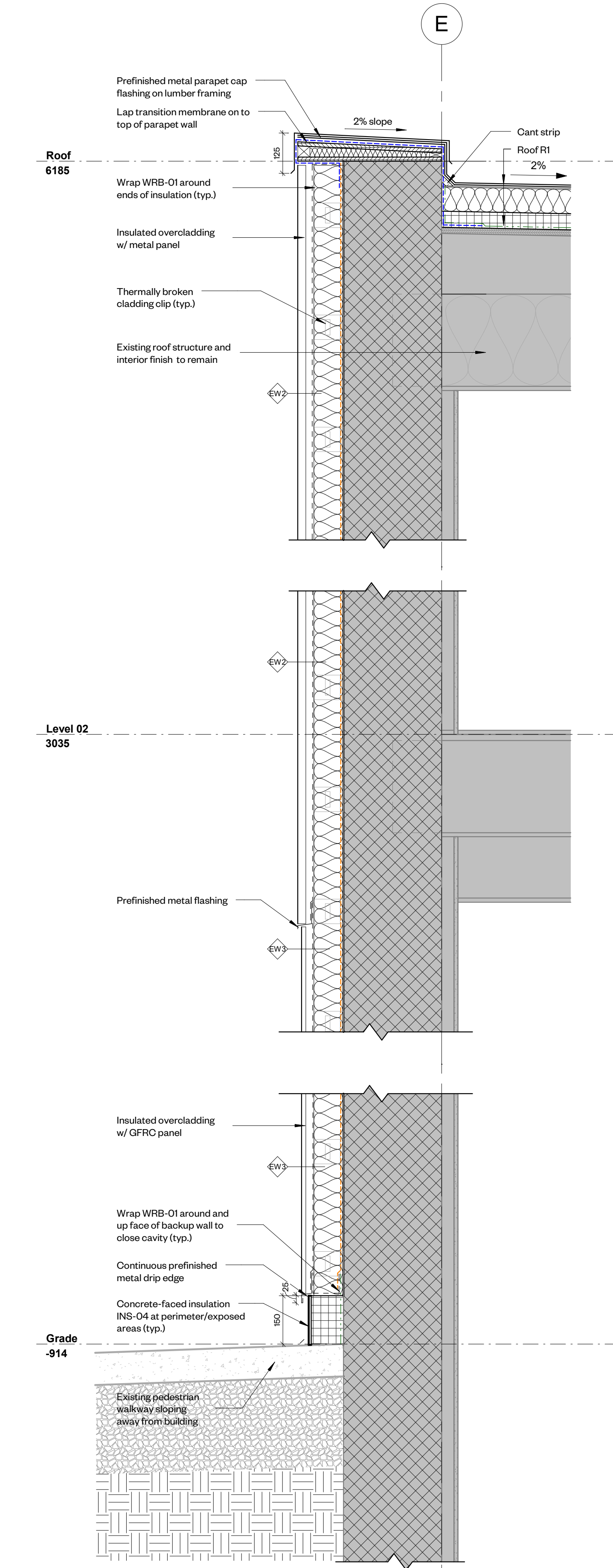
④ Detail Section - Parapet wall @ Garage
1 : 10



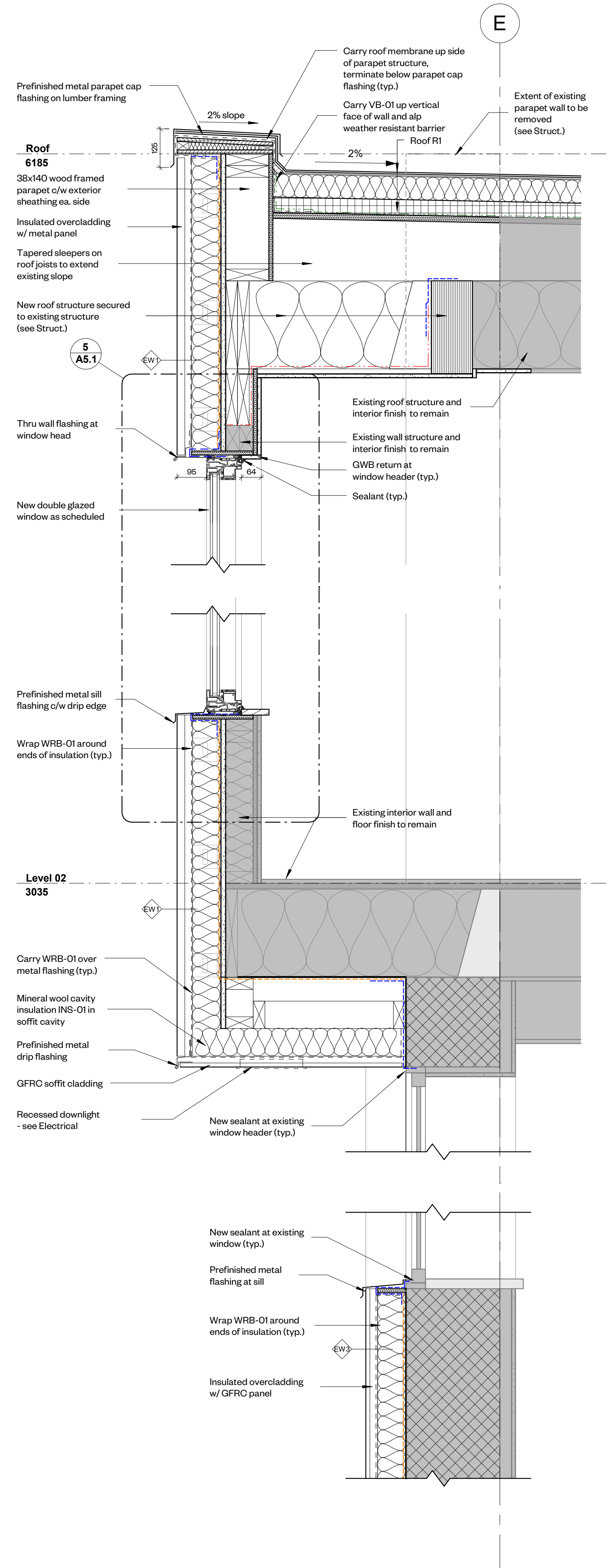
⑤ Section Detail - Metal Guard @ Unit Pavers
1 : 10



③ Wall Section - East Wall @ Main Entry
1 : 10



② Wall Section - East Wall @ Pape Ave2
1 : 10



① Wall Section - East Wall @ Pape Ave
1 : 10

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Rev	Description	Date
1	75% Review	2026.01.26
2	Permit/Tender	2026.05.22
3	Tender	2026.07.13

Membrane Legend	
AB-O1 - Fluid-Applied Synthetic Permeable Air Barrier Membrane	
AB-O2 - Transition membrane (at openings/transitions)	
VB-O1 - Vapour barrier (at roof)	
VB-O2 - Smart Vapour barrier	
WRB-O1 - Weather resistant barrier (at rainscreen cladding)	

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Workshop Architecture Inc.
6 Sousa Mendes Street
Toronto Ontario M6P 6A8

416.981.8655
info@workshopto.ca
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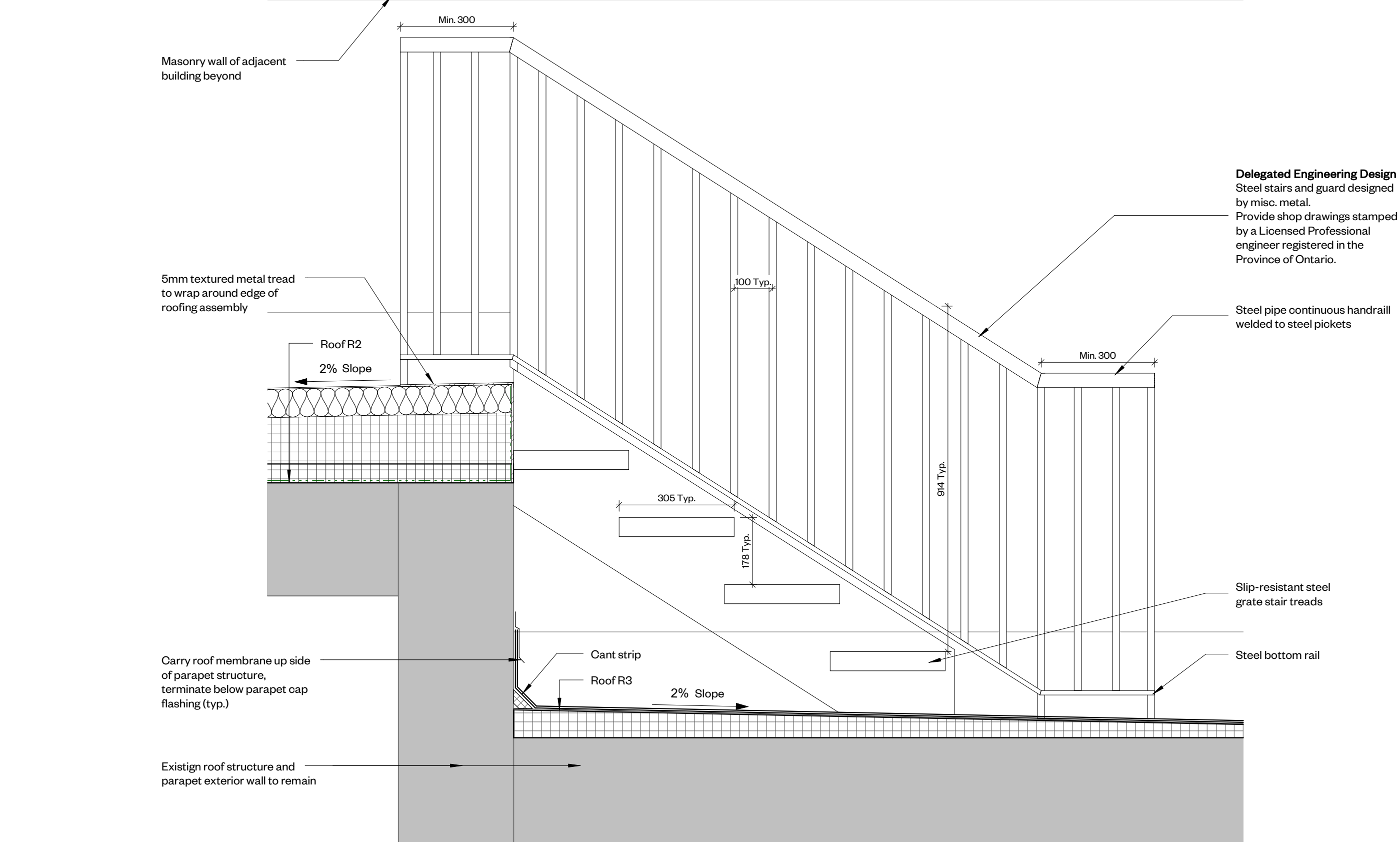
PROJECT CODE:	SCALE:
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Wall Sections & Details

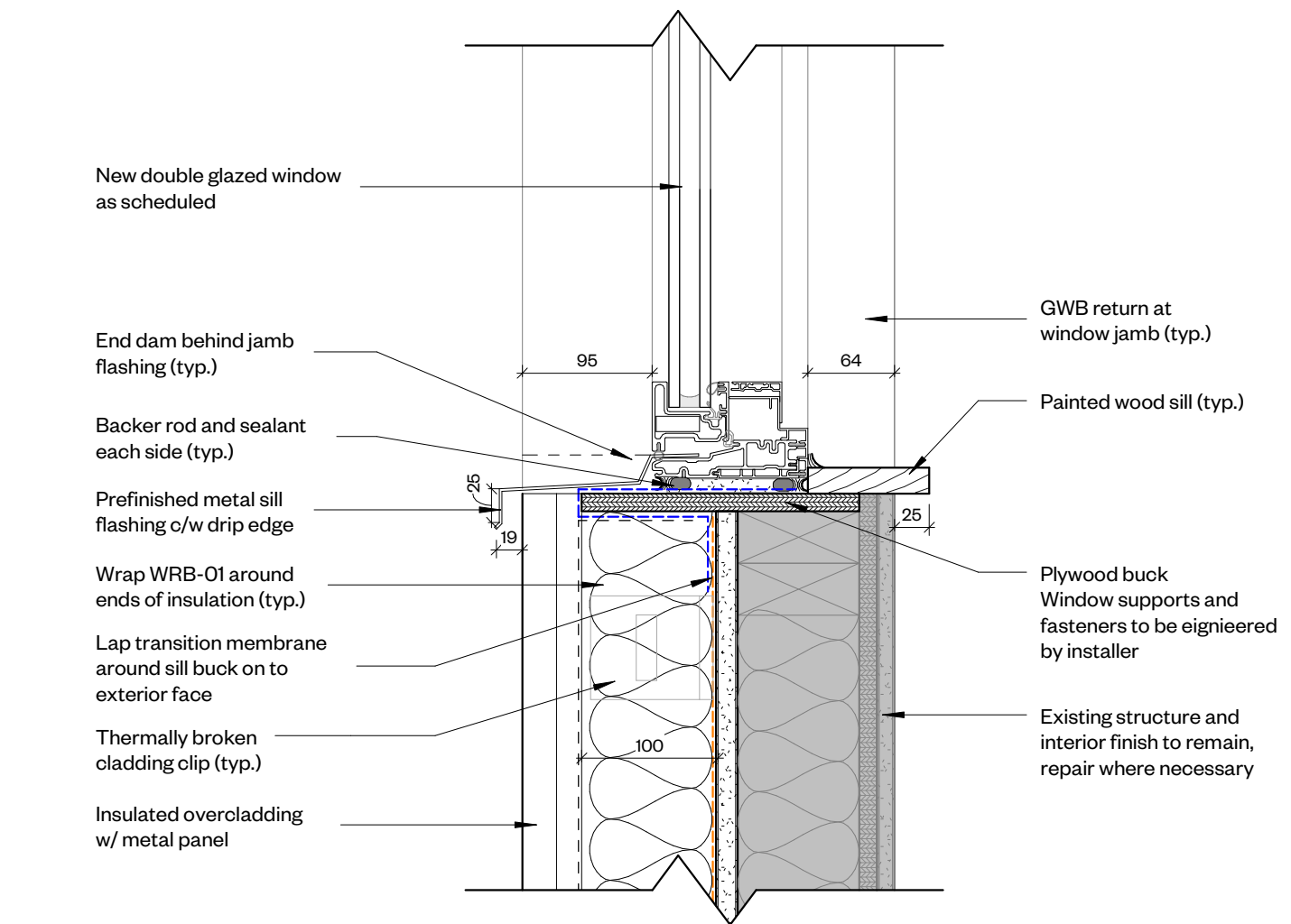
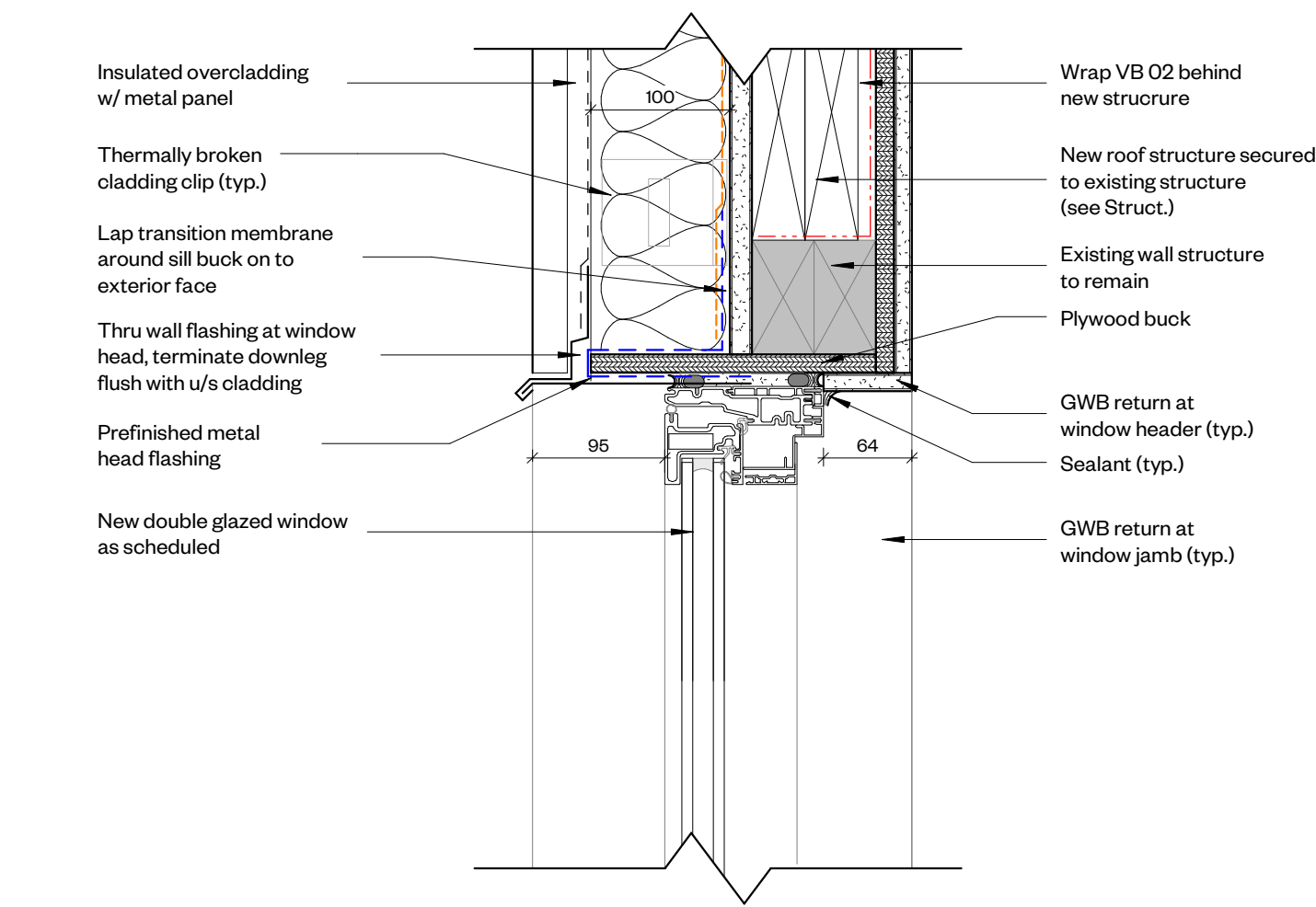
drawing number

A5.0

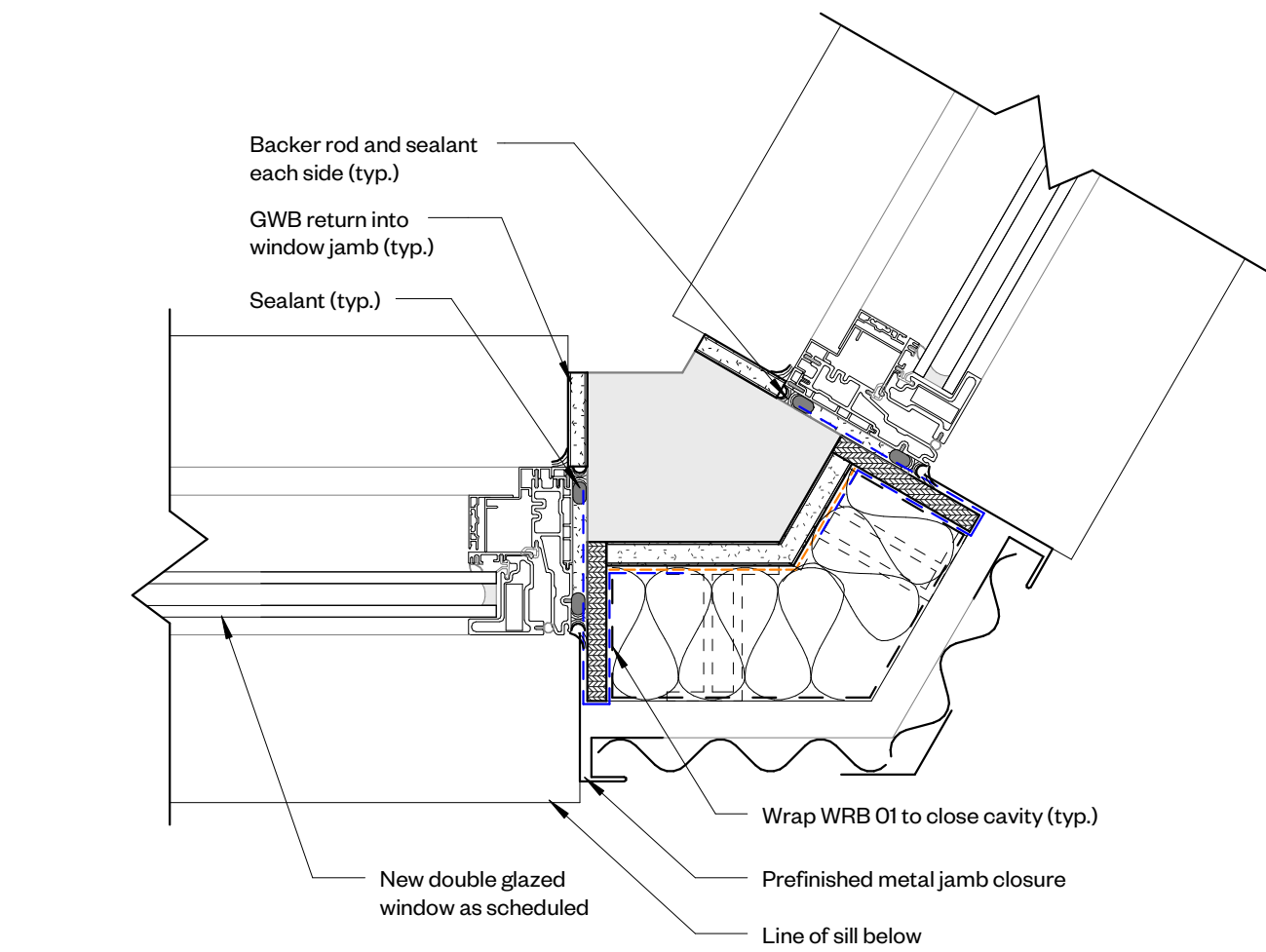
All exposed edges & continuous welds to be ground smooth.
All steel to be galvanized at exterior stairs.



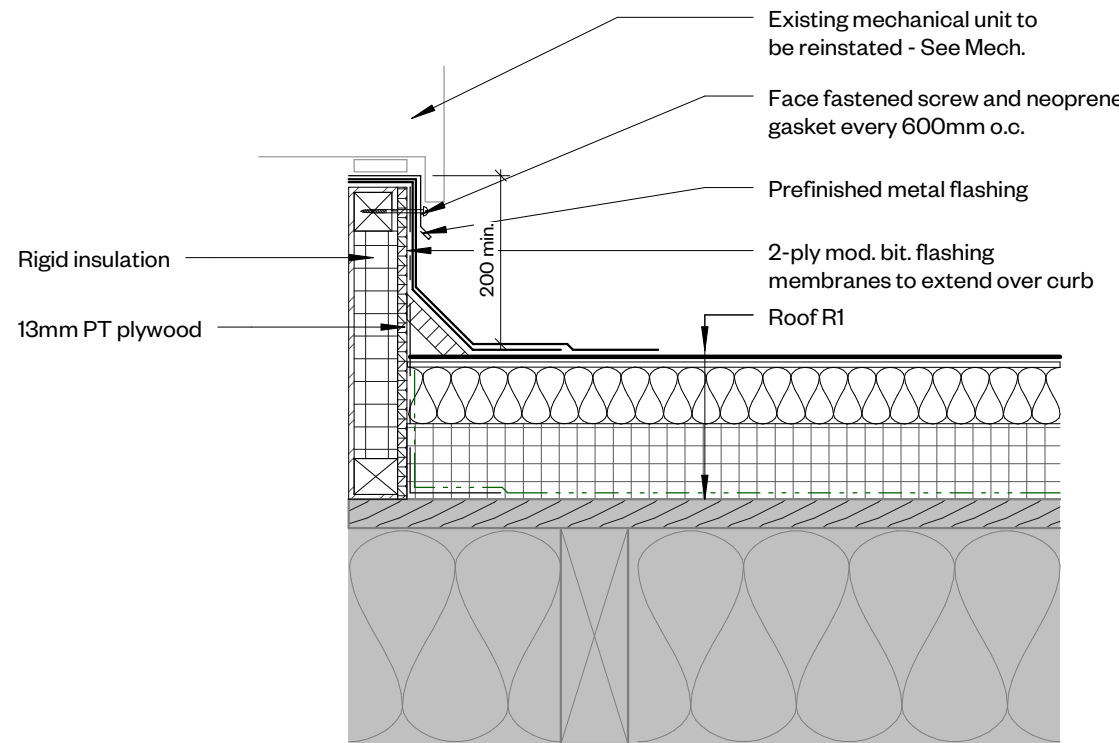
6 Section Detail - Metal Service Stairs
1 : 10



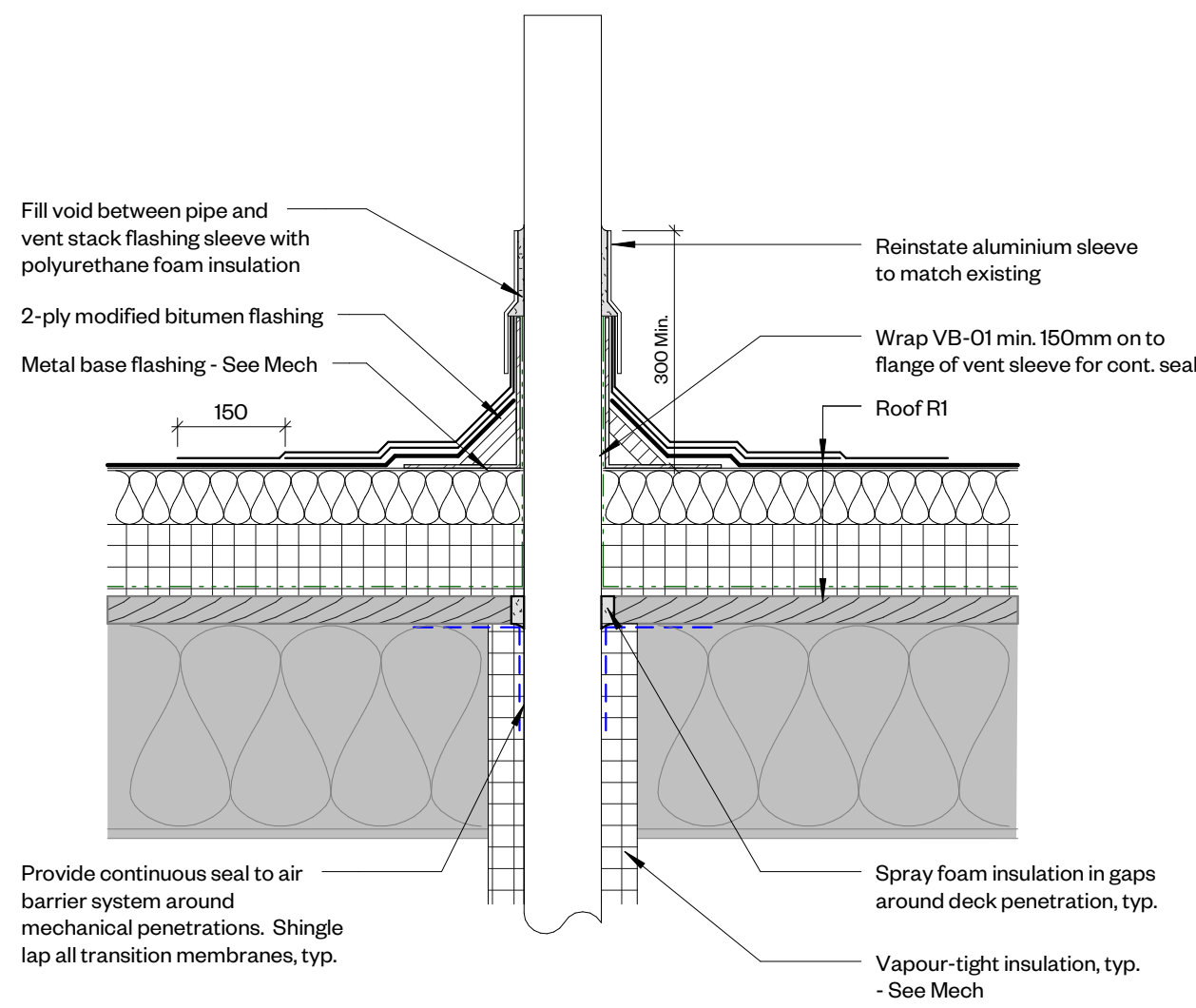
5 Section Detail - Window Header & Sill at Metal Siding
1 : 5



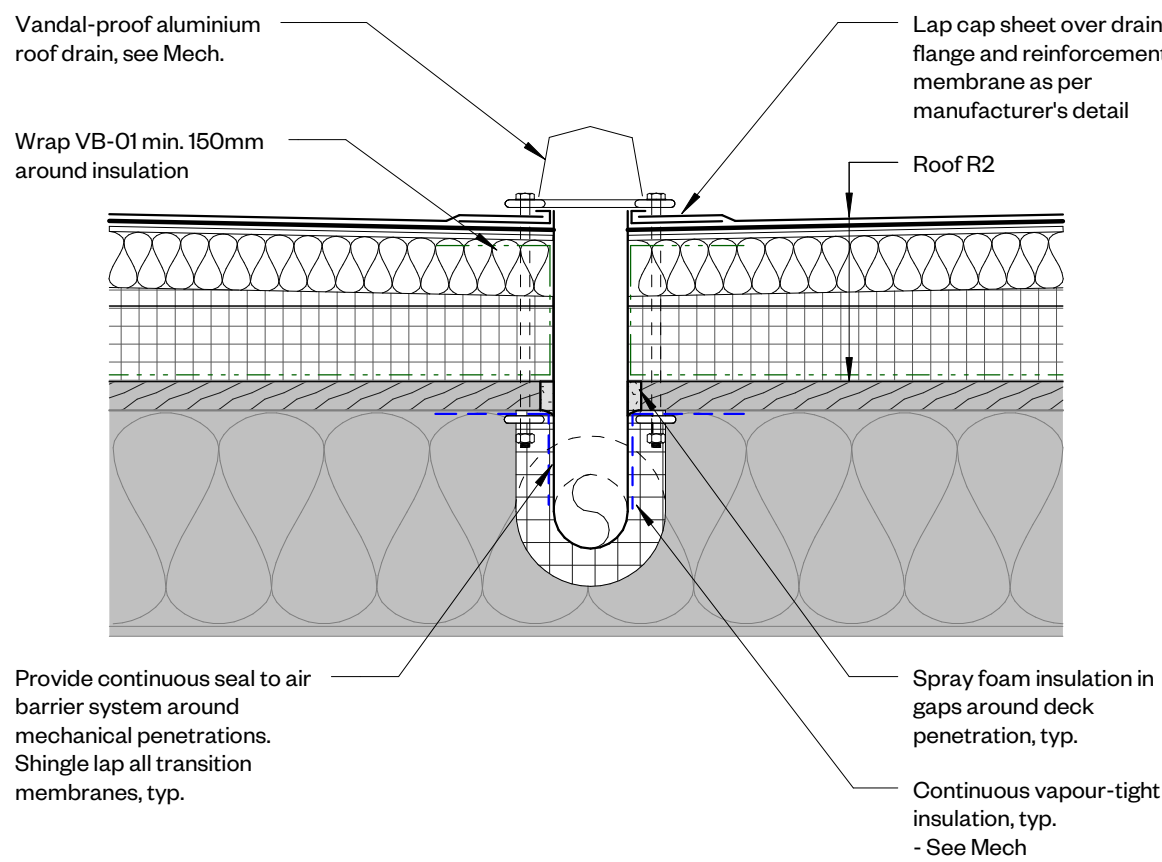
4 Plan Detail - Window Jamb at Metal Siding
1 : 5



3 Section Detail - Roof Curb @ Mechanical Units
1 : 10



2 Section Detail - Roof Vent
1 : 10



1 Section Detail - Roof Drain
1 : 10

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3	Tender	2026.07.13

Membrane Legend	
AB-01 - Fluid-Applied Synthetic Permeable Air Barrier Membrane	
AB-02 - Transition membrane (at openings/transitions)	
VB-01 - Vapour barrier (at roof)	
VB-02 - Smart Vapour barrier	
WRB-01 - Weather resistant barrier (at rainscreen cladding)	

WORKSHOP

Workshop Architecture Inc.
6 Sousa Mendes Street
Toronto Ontario M6P 6A8
416.901.8655
info@workshopto.ca
workshopto.ca

TSSS Paper

1976 Pape Avenue

PROJECT CODE:	SCALE:
2520	As indicated
DATE:	STATUS:
Jul 2026	Tender

Wall Sections & Details

drawing number

A5.1

TORRENS AVENUE

CONSTRUCTION NOTES AND SPECIFICATIONS

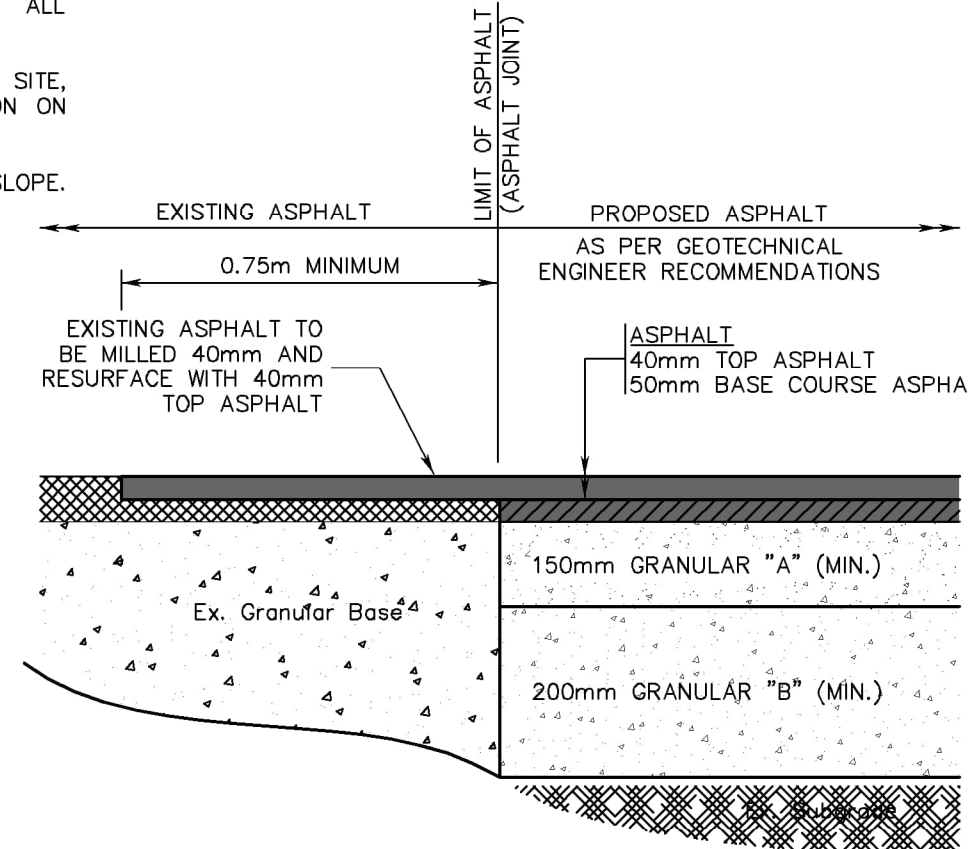
1. GENERAL

- 1.1. THIS PLAN IS NOT FOR CONSTRUCTION UNTIL SIGNED AND SEALED BY ENGINEER AND APPROVED BY THE LOCAL MUNICIPALITY.
- 1.2. THIS PLAN IS TO BE USED FOR GRADING ONLY; ANY OTHER INFORMATION SHOWN IS FOR ILLUSTRATION PURPOSES ONLY. THIS PLAN MUST NOT BE USED TO SITE THE PROPOSED BUILDING.
- 1.3. NO CHANGES ARE TO BE MADE WITHOUT THE APPROVAL OF THE DESIGN ENGINEER.
- 1.4. THIS PLAN IS NOT TO BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE PERMISSION OF MTE CONSULTANTS INC.
- 1.5. PRIOR TO CONSTRUCTION, THE CONTRACTOR MUST:
 - 1.5.1. CHECK AND VERIFY ALL EXISTING CONDITIONS, LOCATIONS AND ELEVATIONS WHICH INCLUDES BUT IS NOT LIMITED TO THE BENCHMARK ELEVATIONS, EXISTING SERVICE CONNECTIONS AND EXISTING INVERTS. REPORT ALL DISCREPANCIES TO THE ENGINEER PRIOR TO PROCEEDING.
 - 1.5.2. OBTAIN ALL UTILITY LOCATES AND REQUIRED PERMITS AND LICENSES.
 - 1.5.3. VERIFY THAT THE FINISHED FLOOR ELEVATIONS AND BASEMENT FLOOR ELEVATIONS (WHICH MAY APPEAR ON THIS PLAN) COMPLY WITH THE FINAL ARCHITECTURAL DRAWINGS.
 - 1.5.4. CONFIRM ALL DRAWINGS USED FOR CONSTRUCTION ARE OF THE MOST RECENT REVISION.
- 1.6. THE CONTRACTOR SHALL ASSUME ALL LIABILITY FOR ANY DAMAGE TO EXISTING WORKS. THE CONTRACTOR IS RESPONSIBLE FOR RESTORATION OF ALL DAMAGED AND/OR DISTURBED PROPERTY WITHIN THE MUNICIPAL RIGHT-OF-WAY TO LOCAL MUNICIPALITY STANDARDS
- 1.7. ALL WORKS ON A MUNICIPAL RIGHT-OF-WAY WITH THE EXCEPTION OF WATERMAIN TAPPING, TO BE INSTALLED BY THE OWNER'S CONTRACTOR AT OWNER'S EXPENSE IN ACCORDANCE WITH THE LOCAL MUNICIPALITY'S "PROCEDURE FOR OFF-SITE WORKS BY PRIVATE CONTRACTOR". THE OWNER AND CONTRACTOR ARE TO ENSURE OFF-SITE WORKS PERMIT IS IN PLACE PRIOR TO CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR RESTORATION OF ALL AFFECTED PROPERTY TO ORIGINAL CONDITION. ALL BOULEVARD AREAS SHALL BE RESTORED WITH 150mm TOPSOIL AND SOD.
- 1.8. CONTRACTOR IS RESPONSIBLE FOR CONTACTING ENGINEER 48 HRS PRIOR TO COMMENCING WORK TO ARRANGE FOR INSPECTION. ENGINEER TO DETERMINE DEGREE OF INSPECTION AND TESTING REQUIRED FOR CERTIFICATION OF UNDERGROUND SERVICE INSTALLATION AS MANDATED BY ONTARIO BUILDING CODE, DIVISION C, PART 1, SECTION 1.2.2. GENERAL REVIEW. FAILURE TO NOTIFY ENGINEER WILL RESULT IN EXTENSIVE POST CONSTRUCTION INSPECTION AT CONTRACTORS EXPENSE.
- 1.9. SITE PLAN INFORMATION TAKEN FROM PLAN PREPARED BY WORKSHOP ARCHITECTURE INC. DATED JANUARY 2026.
- 1.10. EXISTING TOPOGRAPHIC AND LEGAL INFORMATION TAKEN FROM PLAN PREPARED BY TORONTO ENGINEERING & CONSTRUCTION SERVICES, DATED DEC. 19, 2025. MTE ASSUMES THAT ALL TOPOGRAPHICAL INFORMATION IS AN ACCURATE REPRESENTATION OF CURRENT CONDITIONS.

- 1.11. CONTRACTOR TO OBTAIN WRITTEN PERMISSION FROM ADJACENT PROPERTY OWNER PRIOR TO ENTERING UPON NEIGHBOURING LANDS. CONTRACTOR TO MAINTAIN IN GOOD CONDITION UNTIL CONSTRUCTION IS COMPLETED AND ALL DISTURBED GROUND SURFACES HAVE BEEN RESTABILIZED EITHER BY PAVING OR RESTORATION OF VEGETATIVE COVER.
 - 1.12. FILTER FABRIC TO BE TERRAFIX 270R OR APPROVED EQUAL.
 - 1.13. MAXIMUM GRASSED SLOPE TO BE 3:1. SLOPES GREATER THAN 3:1 TO BE LANDSCAPED WITH LOW MAINTENANCE GROUND COVER.
 - 1.14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC AND SAFETY MEASURES DURING THE CONSTRUCTION PERIOD INCLUDING THE SUPPLY, INSTALLATION AND REMOVAL OF ALL NECESSARY SIGNALS, DELINEATORS, MARKERS, AND BARRIERS. ALL SIGNS, ETC. SHALL CONFORM TO THE STANDARDS OF THE LOCAL MUNICIPALITY AND THE MTO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
 - 1.15. THE POSITION OF POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL INFORM HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.
 - 1.16. CONTRACTOR TO COMPLY WITH O.R.E.G. 406/19 FOR MANAGEMENT OF EXCESS SOILS AS APPLICABLE.
- ### 2. GRADING NOTES
- 2.1. ANY CHANGES IN GRADES AND CATCH BASINS REQUIRE THE APPROVAL OF THE DIRECTOR OF DEVELOPMENT ENGINEERING, PLANNING AND ECONOMIC DEVELOPMENT DEPARTMENT.
 - 2.2. FILTER FABRIC TO BE TERRAFIX 270R OR APPROVED EQUAL.
 - 2.3. MAXIMUM GRASSED SLOPE TO BE 3:1. SLOPES GREATER THAN 3:1 TO BE LANDSCAPED WITH LOW MAINTENANCE GROUND COVER.
 - 2.4. MINIMUM ASPHALT GRADE TO BE 1.0%, MINIMUM GUTTERLINE GRADE TO BE 0.5%.
 - 2.5. CONTRACTOR TO MATCH EXISTING GRADES AT PROPERTY LINE UNLESS OTHERWISE NOTED.
 - 2.6. ALL DRIVEWAYS FROM PROPERTY LINES FOR THE FIRST 7.5m SHALL BE WITHIN 5% MAX. GRADE. THEREAFTER, ALL DRIVEWAYS SHALL BE WITHIN 10% MAXIMUM GRADES.
 - 2.7. PRIOR TO REMOVING ANY EXCESS SOILS FROM THE SITE, CONTRACTOR TO CONTACT THE ARCHITECT FOR DIRECTION ON CREATING EARTHEN BERMS ON-SITE.
 - 2.8. ALL LANDSCAPED AREAS ARE TO HAVE A MINIMUM 2.0% SLOPE.

3. EROSION AND SEDIMENT CONTROL

- 3.1. CONTRACTOR TO INSTALL EROSION CONTROL MEASURES AS SHOWN PRIOR TO CONSTRUCTION. CONTRACTOR TO MAINTAIN IN GOOD CONDITION UNTIL CONSTRUCTION IS COMPLETED AND ALL DISTURBED GROUND SURFACES HAVE BEEN RESTABILIZED EITHER BY PAVING OR RESTORATION OF VEGETATIVE COVER.
- 3.2. ALL SEDIMENT CONTROL FENCING TO BE INSTALLED PRIOR TO ANY AREA GRADING, EXCAVATING OR DEMOLITION COMMENCING.
- 3.3. EROSION CONTROL FENCING TO BE INSTALLED AROUND BASE OF ALL STOCKPILES. ALL STOCKPILES TO BE KEPT 2.5m MINIMUM FROM PROPERTY LINE.
- 3.4. EROSION PROTECTION TO BE PROVIDED AROUND ALL STORM AND SANITARY MANS AND CBS.
- 3.5. CONSTRUCTION ACCESS (MUD MAT) TO BE PROVIDED ON-SITE AT ALL LOCATIONS WHERE CONSTRUCTION VEHICLES EXIT THE SITE. CONSTRUCTION ACCESS (MUD MAT) SHALL BE A MINIMUM OF 3.0m WIDE, 15.0m LONG (LENGTH MAY VARY DEPENDING ON SITE LAYOUT) AND 0.3m DEEP AND SHALL CONSIST OF 200mm CLEAR STONE MATERIAL OR APPROVED EQUIVALENT. PROPOSED EROSION FENCING TO BE TIED INTO MUD MAT. CONTRACTOR TO ENSURE ALL VEHICLES LEAVE THE SITE VIA THE MUD MAT AND THAT THE MAT IS MAINTAINED IN A MANNER TO MAXIMIZE EFFECTIVENESS AT ALL TIMES.
- 3.6. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED AS SITE DEVELOPMENT PROGRESSES. CONTRACTOR TO PROVIDE ALL ADDITIONAL EROSION CONTROL STRUCTURES.
- 3.7. EROSION CONTROL STRUCTURES TO REMAIN IN PLACE UNTIL ALL DISTURBED GROUND SURFACES HAVE BEEN RESTABILIZED.
- 3.8. NO ALTERNATE METHODS OF EROSION PROTECTION SHALL BE PERMITTED UNLESS APPROVED BY THE ENGINEER AND THE LOCAL MUNICIPALITY'S DEPARTMENT OF PUBLIC WORKS.
- 3.9. CONTRACTOR TO CLEAN ROADWAY AND SIDEWALKS OF SEDIMENTS RESULTING FROM CONSTRUCTION TRAFFIC FROM THE SITE EACH DAY.
- 3.10. CONTRACTOR MUST REMOVE EROSION AND SEDIMENTATION FENCING PRIOR TO COMPLETION OF PROJECT. CONTRACTOR TO HAVE EROSION AND SEDIMENTATION FENCE INSPECTED WHEN VEGETATION HAS ESTABLISHED, BUT PRIOR TO FENCE BECOMING OVERGROWN. ENGINEER'S REPRESENTATIVE TO DETERMINE IF VEGETATION HAS REACHED THE CRITICAL POINT AND WILL THEN INSTRUCT CONTRACTOR TO REMOVE FENCE.



LEGEND OF EXISTING FEATURES

- SITE BOUNDARY
- EASEMENT
- EXISTING SPOT ELEVATIONS
- EXISTING DIRECTION OF DRAINAGE
- EXISTING CURB
- EXISTING BUILDING
- EXISTING FENCE
- EXISTING MAN DOOR
- EXISTING OVERHEAD DOOR

LEGEND OF PROPOSED FEATURES

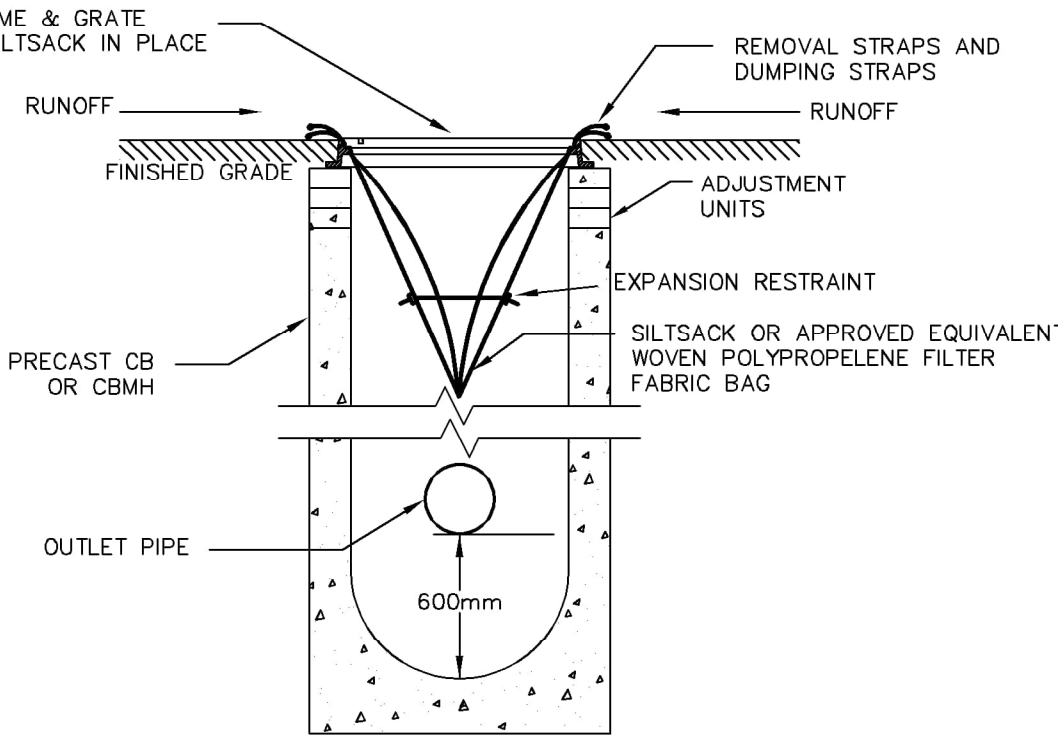
- PROPOSED SPOT ELEVATIONS
EX = MAINTAIN EXISTING
T/G = TOP OF CASTING/GRATE
INV = INVERT ELEVATION
FFE = FINISHED FLOOR ELEVATION
- DIRECTION OF DRAINAGE/SWALE
- DRAINAGE SPLIT (RIDGE)
- CONCRETE CURB
- OVERLAND FLOW ROUTE (MAJOR STORM)
- SEDIMENT CONTROL FENCE (SEE DETAIL)
- SILT SACK (SEE DETAIL)
- CONSTRUCTION ACCESS (SEE DETAIL)
- SAW CUT C/W GLASS GRID (SEE DETAIL)
- LIMIT OF CONSTRUCTION
- PROPOSED DOWNSPOUT

ASPHALT LAP JOINT DETAIL

NOTE: UNLESS OTHERWISE RECOMMENDED BY THE GEOTECHNICAL ENGINEER, MINIMUM PAVEMENT STRUCTURE SHALL FOLLOW THE DETAIL BELOW. COMPACTION AS PER TS-501.

- 40mm SP12.5 B
- 60mm SP19.0 B
- 150mm GRANULAR A COMPACTED TO 100% SPMD
- 150mm GRANULAR B COMPACTED TO 100% SPMD

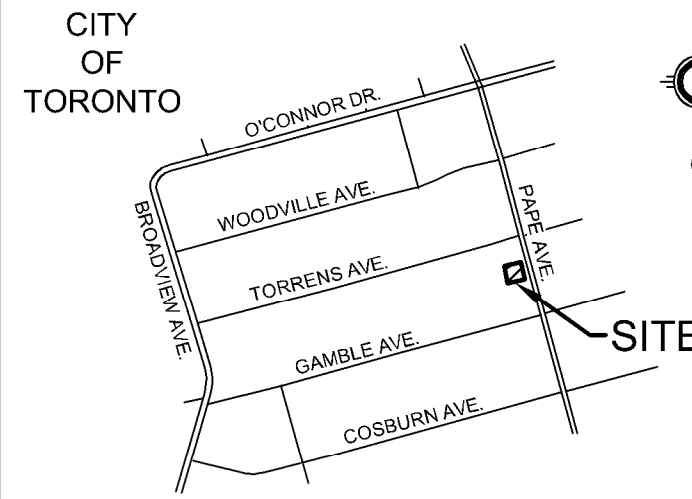
PAVEMENT STRUCTURE DETAIL



MAINTENANCE SCHEDULE

- INSPECT AFTER EVERY MAJOR RAIN EVENT.
- INSPECT EVERY 3 WEEKS MINIMUM.
- SILT SACK SHOULD NEVER BE OVER HALF FULL.
- FULL BAG CAN BE REMOVED, DUMPED, CLEANED AND REUSED (TO REMOVE INSERT 25mm REBAR INTO REMOVAL FLAP POCKETS)
- (TO DUMP INSERT 25mm REBAR INTO BOTH DUMPING STRAPS)

TEMPORARY SILTSACK SILTATION CONTROL IN CB



KEY PLAN N.T.S.

GEODETIC BM ELEV. = 123.748m

ELEVATIONS SHOWN ON THIS PLAN ARE RELATED TO CANADIAN GEODETIC VERTICAL DATUM 1928 (PRE 1978 ADJUSTMENT) AND ARE DERIVED FROM BENCHMARK NO. 12718680141.

SITE BENCHMARK ELEV. = m

NOTE TO CONTRACTOR :

DO NOT SCALE DRAWINGS.

CONTRACTORS MUST CHECK AND VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK.

ALL DRAWINGS REMAIN THE PROPERTY OF THE ENGINEER AND SHALL NOT BE REPRODUCED OR REUSED WITHOUT THE ENGINEER'S WRITTEN PERMISSION.

THE OWNER/ARCHITECT/CONTRACTOR IS ADVISED THAT M.T.E. CONSULTANTS INC. CANNOT CERTIFY ANY COMPONENT OF THE SITE WORKS NOT INSPECTED DURING CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO NOTIFY M.T.E. CONSULTANTS INC. PRIOR TO COMMENCEMENT OF CONSTRUCTION TO ARRANGE FOR INSPECTION.

1.	ISSUED FOR PERMIT/ TENDER	JRA	2026-05-22
No.	REVISION - ISSUANCE	BY	YYYY-MM-DD



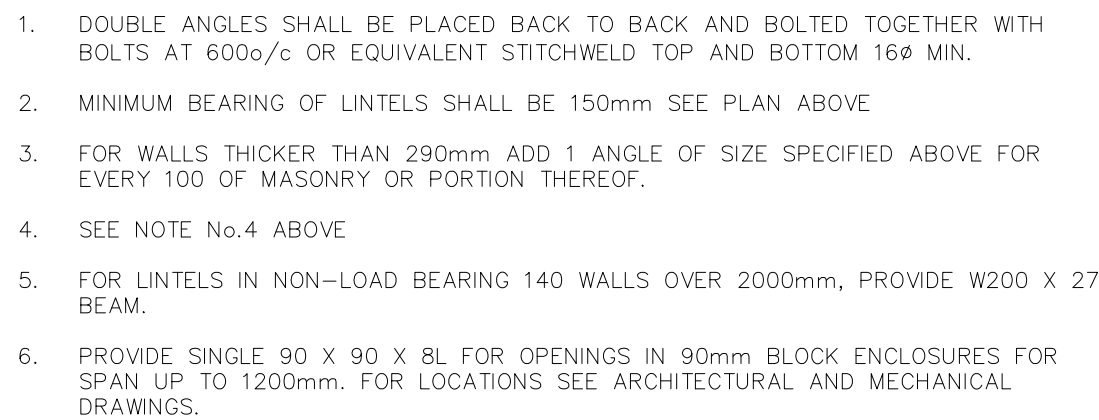
CLIENT
WORKSHOP ARCHITECTURE
6 SOUSA MENDES STREET TORONTO

PROJECT
1076 PAPE AVENUE
1076 PAPE AVENUE EAST YORK

DRAWING
SITE GRADING AND ESC PLAN

Design By	CYC	Project Manager	C.CAO
Drawn By	AXG	Project No.	64117_001
Checked By	CYC	Drawing No.	
Date	2026-01-12		
Scale	1:100	Sheet 1 of 1	

C1.1

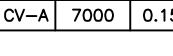
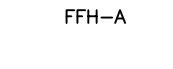
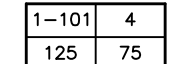
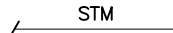
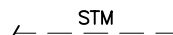
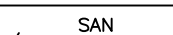
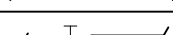
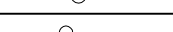
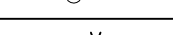
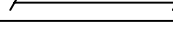
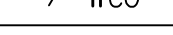
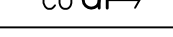
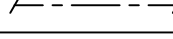
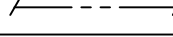
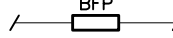
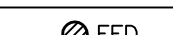
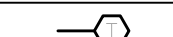
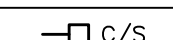
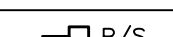
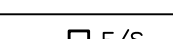
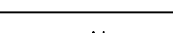
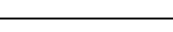
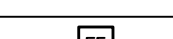
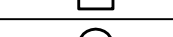


ALL MASONRY PARTITIONS SHALL BE CONSTRUCTED ON TOP OF CONCRETE TOPPING OF PRECAST FLOORS SLABS.

GENERAL NOTES

S3

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

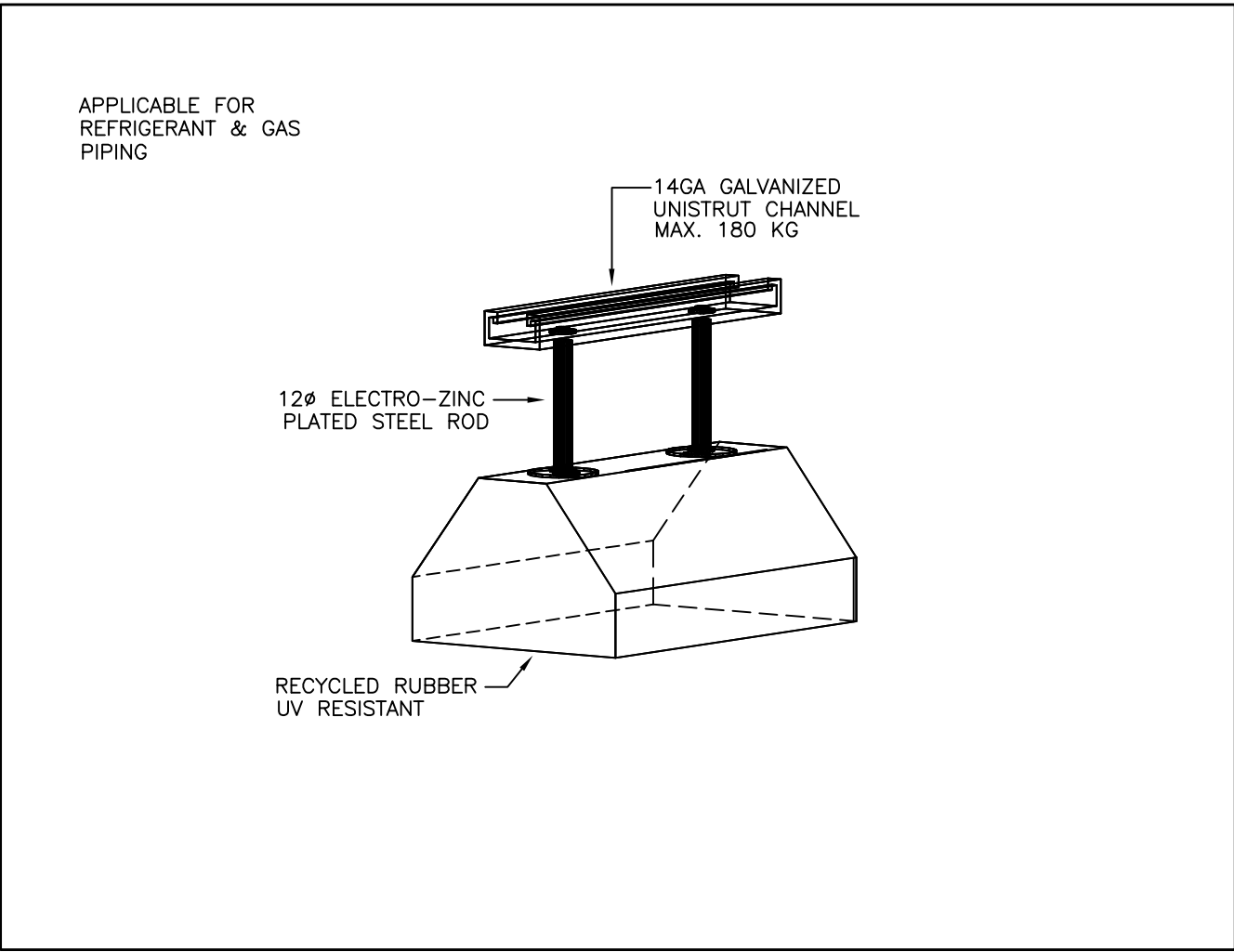
MECHANICAL LEGEND	
HEATING, VENTILATION AND AIR CONDITIONING (HVAC)	
	WALL FIN HEATER CV-A DENOTES TYPE 7000 DENOTES HEAT OUTPUT IN WATTS 0.15 DENOTES FLOW RATE IN L/S
	FORCED FLOW HEATER FFH-A DENOTES TYPE REFER TO FORCED FLOW HEATER SCHEDULE FOR HEAT OUTPUT AND FLOW RATE
	VAV BOX
PLUMBING AND DRAINAGE	
	ABOVE-GROUND STORM
	UNDERGROUND STORM
	ABOVE-GROUND SANITARY
	UNDERGROUND SANITARY
	PUMPED SANITARY
	RUNNING TRAP
	PLUMBING TRAP
	SANITARY VENT
	SANITARY CLEANOUT IN ACCESSIBLE CEILING SPACE
	SANITARY CLEANOUT IN SLAB
	DOMESTIC COLD WATER
	DOMESTIC HOT WATER
	DOMESTIC HOT WATER RECIRCULATION
	BACKFLOW PREVENTER – SUITABLE FOR SERVICE INTENDED
	WATER METER
	HOSE BIBB
	NON-FREEZE HOSE BIBB
	VENT THROUGH ROOF
	RAIN WATER LEADER
	FLOOR DRAIN
	FUNNEL FLOOR DRAIN
	ROOF DRAIN
CONTROLS	
	BAS – TEMPERATURE SENSOR – IN PIPING
	BAS – CURRENT SENSOR
	BAS – PRESSURE SWITCH
	BAS – FLOW SWITCH
	BAS – ANALOG INPUT
	BAS – ANALOG OUTPUT
	BAS – DIGITAL INPUT
	BAS – DIGITAL OUTPUT
FIRE PROTECTION	
	FIRE EXTINGUISHER IN ENCLOSURE C/W MOUNTING BRACKET
	FIRE EXTINGUISHER C/W MOUNTING BRACKET
	FIRE BLANKET
ACRONYMS	
LABEL	DESCRIPTION
AD	ACCESS DOOR
AC	AIR CONDITIONER
BD	BALANCING DAMPER
BDD	BACKDRAFT DAMPER
CAP	CAP EXISTING SERVICE
CD	CONDENSATE
CONNECT	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:	
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.
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.
3.	CAREFULLY EXAMINE OTHER EXISTING UTILITY LINES SUCH AS GAS, WATER ETC. PRIOR TO STARTING ANY WORK.
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.
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.
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.
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.
8.	IN THE EVENT OF ANY DISCREPANCY BETWEEN THE MECHANICAL DRAWINGS AND SPECIFICATIONS, ALLOW FOR THE HIGHEST-PRICED OPTION IN THE TENDER PRICE.
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.
10.	FURNISH ALL MATERIAL AND EQUIPMENT AS SPECIFIED, EXCEPT WHERE SPECIFIC APPROVAL FOR SUBSTITUTION IS GIVEN IN WRITING BY THE OWNER.
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.

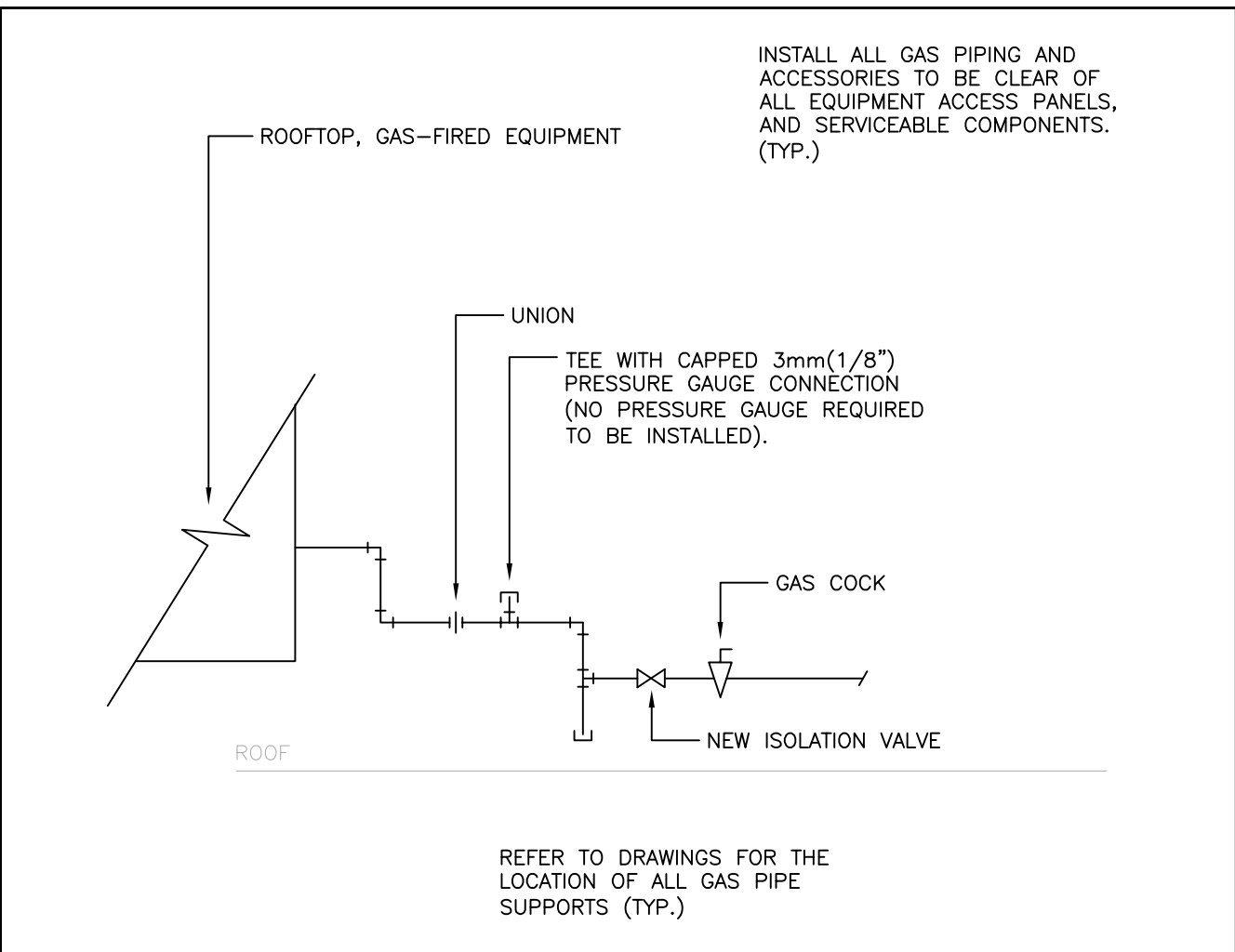
DRAWING LIST	
DRAWING NUMBER	DESCRIPTION
M1	MECHANICAL LEGEND, NOTES AND DETAILS
M2	ROOF – EXISTING MECHANICAL PLAN
M3	ROOF – NEW MECHANICAL PLAN
M4	FIRST FLOOR – ROOF DRAINAGE PLAN

PRE-CONSTRUCTION ASSESSMENT REPORT	
WITHIN 10 DAYS BEFORE STARTING CONSTRUCTION: 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. 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.	
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 REQUIREING 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.	

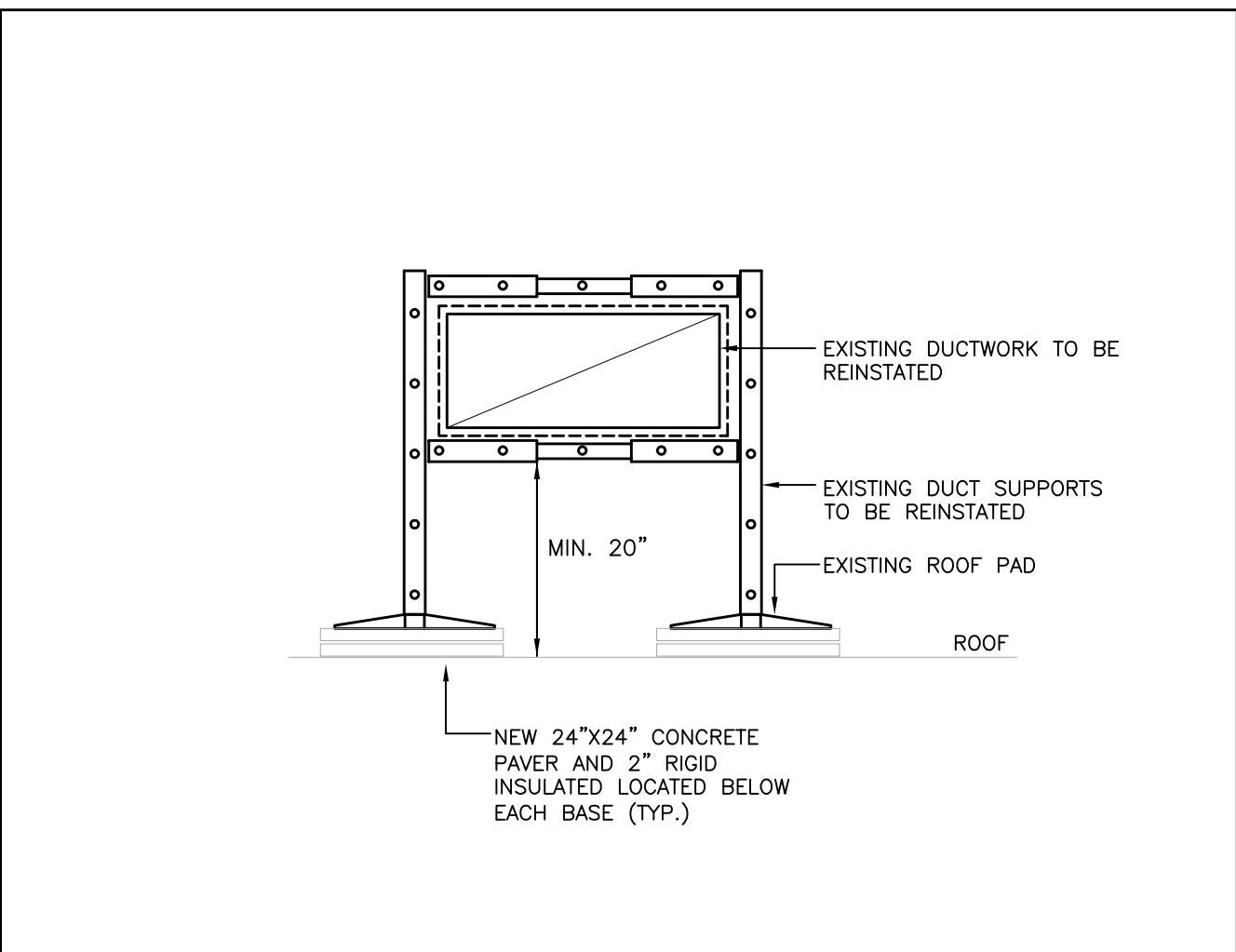
BUILDING AUTOMATION WORK	
RETAIN THE SERVICES OF THE BASE BUILDING BUILDING AUTOMATION CONTRACTOR FOR ALL BAS-RELATED WORK. INCLUDE ALL COSTS OF THE CONTRACTOR IN THE BASE TENDER PRICE FOR ALL DISCONNECTIONS, RECONNECTIONS AND TESTING.	



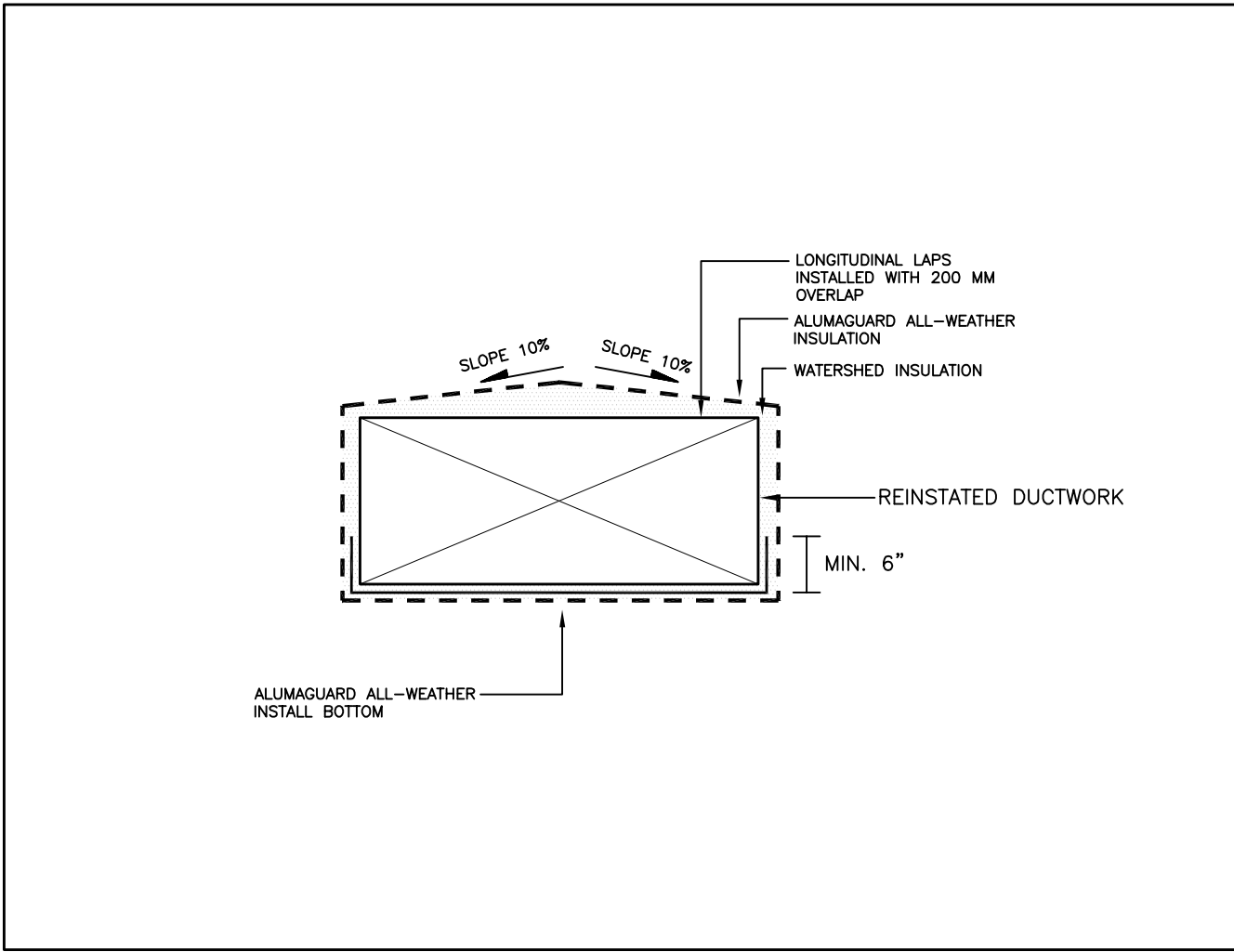
1 ROOFTOP PIPING SUPPORT – REFRIGERANT & NATURAL GAS PIPING
M1 SCALE: N.T.S.



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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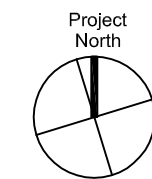


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1022 WHITE CLOVER WAY MISSISSAUGA, ONTARIO L5V 1G8 T (905)–290–7861 F (289)–327–3420	ELECTRICAL MECHANICAL LIGHTING COMMUNICATION SECURITY

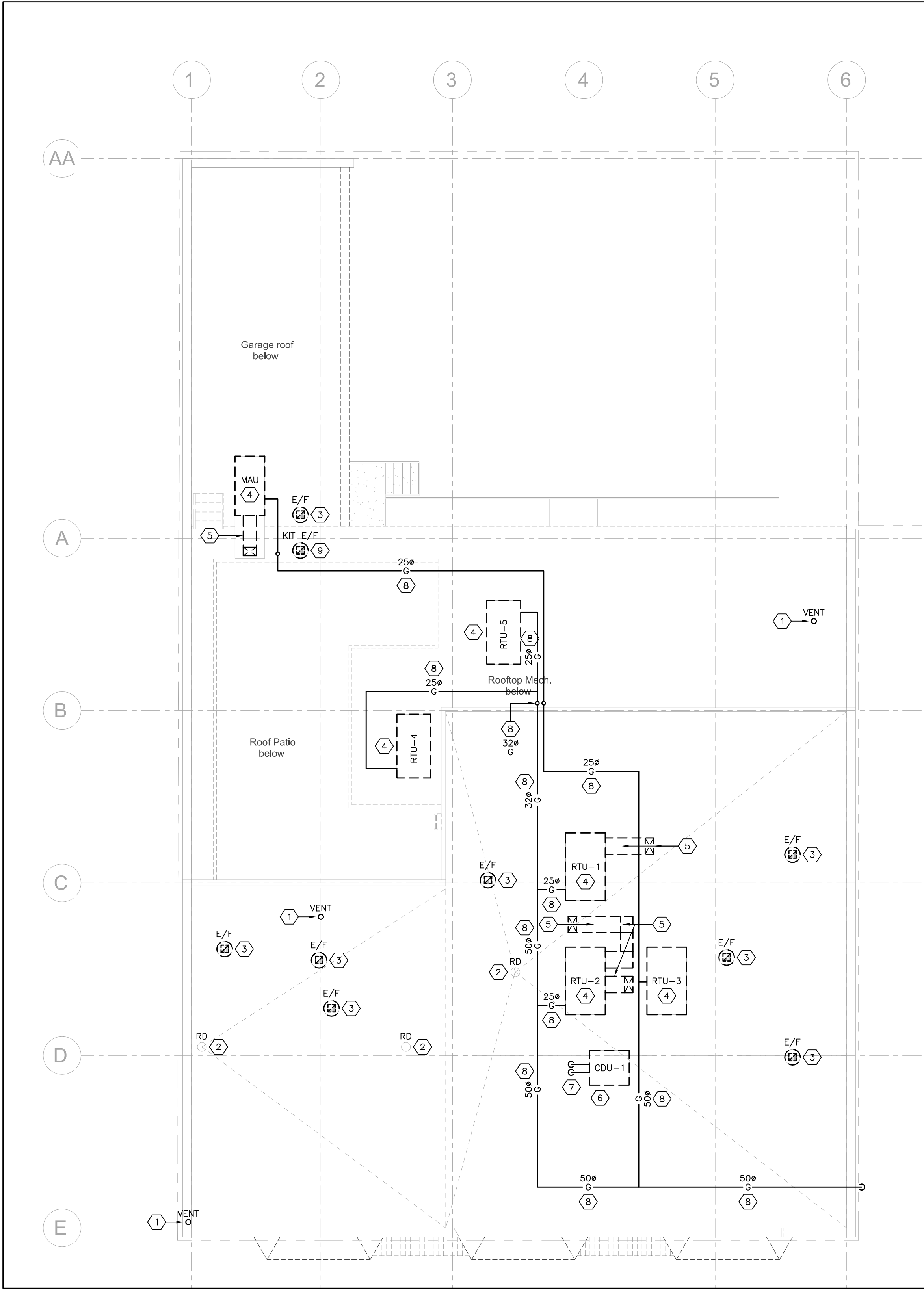
TSSS Pape Roof Replacement	
1076 Pape Avenue	
PROJECT CODE:	SCALE:
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MECHANICAL LEGEND, NOTES AND DETAILS



drawing number

M1



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 ON SITE AT THE GRADE LEVEL, 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. SEE ARCHITECTURAL DRAWINGS FOR ROOF DRAIN ROOFING DETAIL. ENSURE A GOOD SEAL BETWEEN THE NEW ROOFING AND THE DRAIN.
- TEMPORARILY REMOVE THE EXISTING EXHAUST FAN 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 ROOFTOP UNIT 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 ROOFTOP UNIT IS A MINIMUM OF 450mm HIGH ABOVE THE ROOF LEVEL.
- TEMPORARILY REMOVE ALL ROOFTOP DUCTWORK AND ROOFTOP DUCTWORK SUPPORTS TO FACILITATE THE ROOF REPLACEMENT. REMOVE AND DISPOSE OF ALL DUCTWORK INSULATION IN PREPARATION FOR NEWLY-INSULATED DUCTWORK.
- EXISTING CONDENSING UNIT 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.
- REMOVE THE FULL LENGTH OF THE EXISTING ROOFTOP GAS PIPING TO FACILITATE THE REPLACEMENT OF THE ROOF. REMOVE ALL EXISTING PIPE SUPPORTS. SITE VERIFY ALL PIPE SIZES AND ADVISE THE ENGINEER OF ANY DISCREPANCIES FROM THE SIZES NOTED.
- TEMPORARILY REMOVE THE EXISTING KITCHEN EXHAUST FAN 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.

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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L5V 1C8
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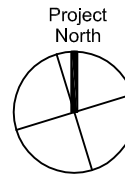
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**TSSS Pape
Roof Replacement**

1076 Pape Avenue

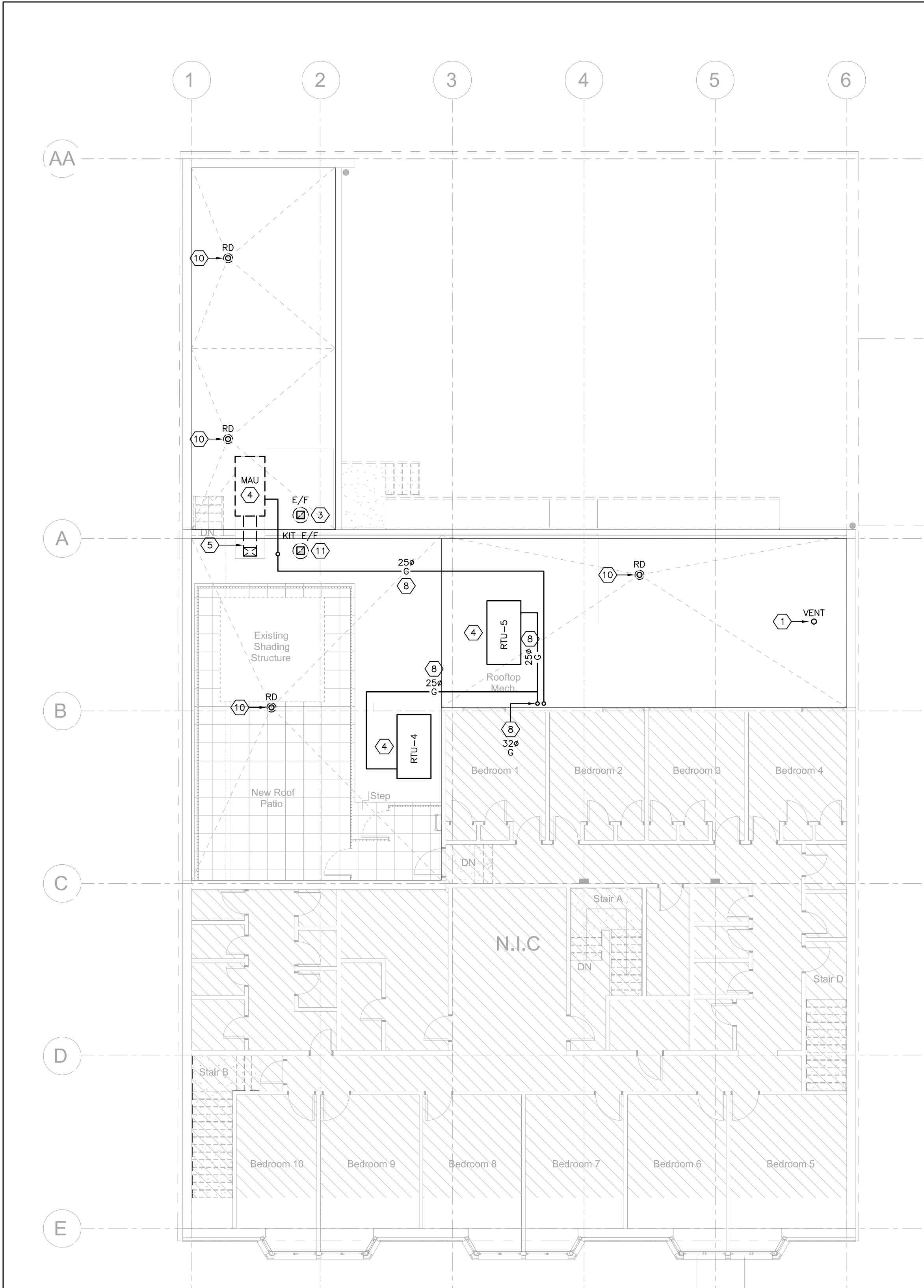
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ROOF - EXISTING MECHANICAL PLAN



drawing number

M2



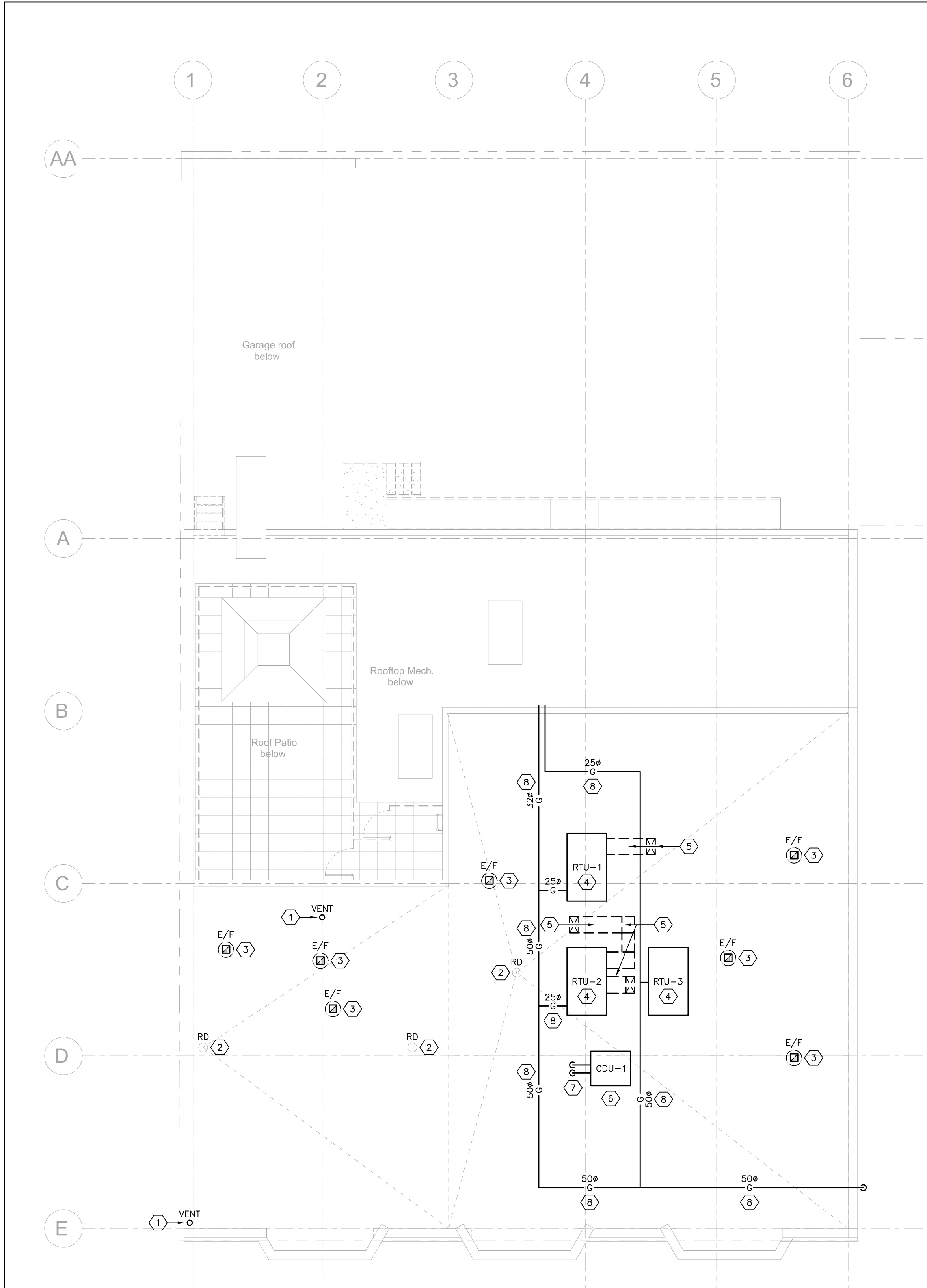
1 LOWER ROOF — NEW MECHANICAL PLAN
M3 SCALE: 1:100

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 ON SITE AT THE GRADE LEVEL, 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.



2 UPPER ROOF — NEW MECHANICAL PLAN
M3 SCALE: 1:100

DRAWING NOTES:

- 1 PLUMBING VENT THROUGH THE ROOF, MODIFY THE PLUMBING VENT TO SUIT THE NEW ROOF. SEE ARCHITECTURAL DRAWINGS FOR VENT ROOFING DETAIL.
- 2 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.

ROOF DRAIN SHALL BE ZURN Z1715; SITE VERIFY EXISTING DRAIN PIPE SIZE AND PROVIDE NEW DRAIN TO MATCH.
- 3 REINSTATE THE EXISTING EXHAUST FAN 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.
- 4 REINSTATE THE EXISTING ROOFTOP UNIT 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 ROOFTOP UNIT IS A MINIMUM OF 450mm HIGH ABOVE THE ROOF LEVEL.
- 5 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 AND ROOFTOP UNIT CURBS. 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.
- 6 REINSTATE THE CONDENSING UNIT 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.
- 7 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.
- 8 PROVIDE NEW ROOFTOP GAS PIPING AS SHOWN. CONNECT TO THE REINSTATED MECHANICAL EQUIPMENT. PROVIDE A NEW ISOLATION VALVE AT EACH APPLANCE; SEE PIPING DETAIL. PROVIDE NEW NON-PENETRATING ROOFTOP GAS PIPE SUPPORTS OVER THE FULL LENGTH OF GAS PIPING AS PER THE GAS CODE.
- 9 PROVIDE A NEW 75# CONVENTIONAL (UNCONTROLLED) ROOF DRAIN.
- 10 PROVIDE A NEW 100# CONVENTIONAL (UNCONTROLLED) ROOF DRAIN.
- 11 REINSTATE THE EXISTING KITCHEN EXHAUST FAN AFTER COMPLETION OF THE. 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; EXTEND THE EXISTING WELDED DUCTWORK AND RECONNECT TO ALL DUCTWORK. PROVIDE A NEW RAISED, INSULATED AND VENTED CURB IN COMPLIANCE WITH NFPA 96. THE FULL FINAL INSTALLATION SHALL BE COMPLIANT WITH NFPA 96.

GENERAL NOTES:

1. 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.
2. 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.
3. 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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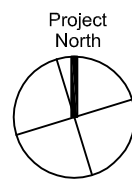
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Roof Replacement

1076 Pape Avenue

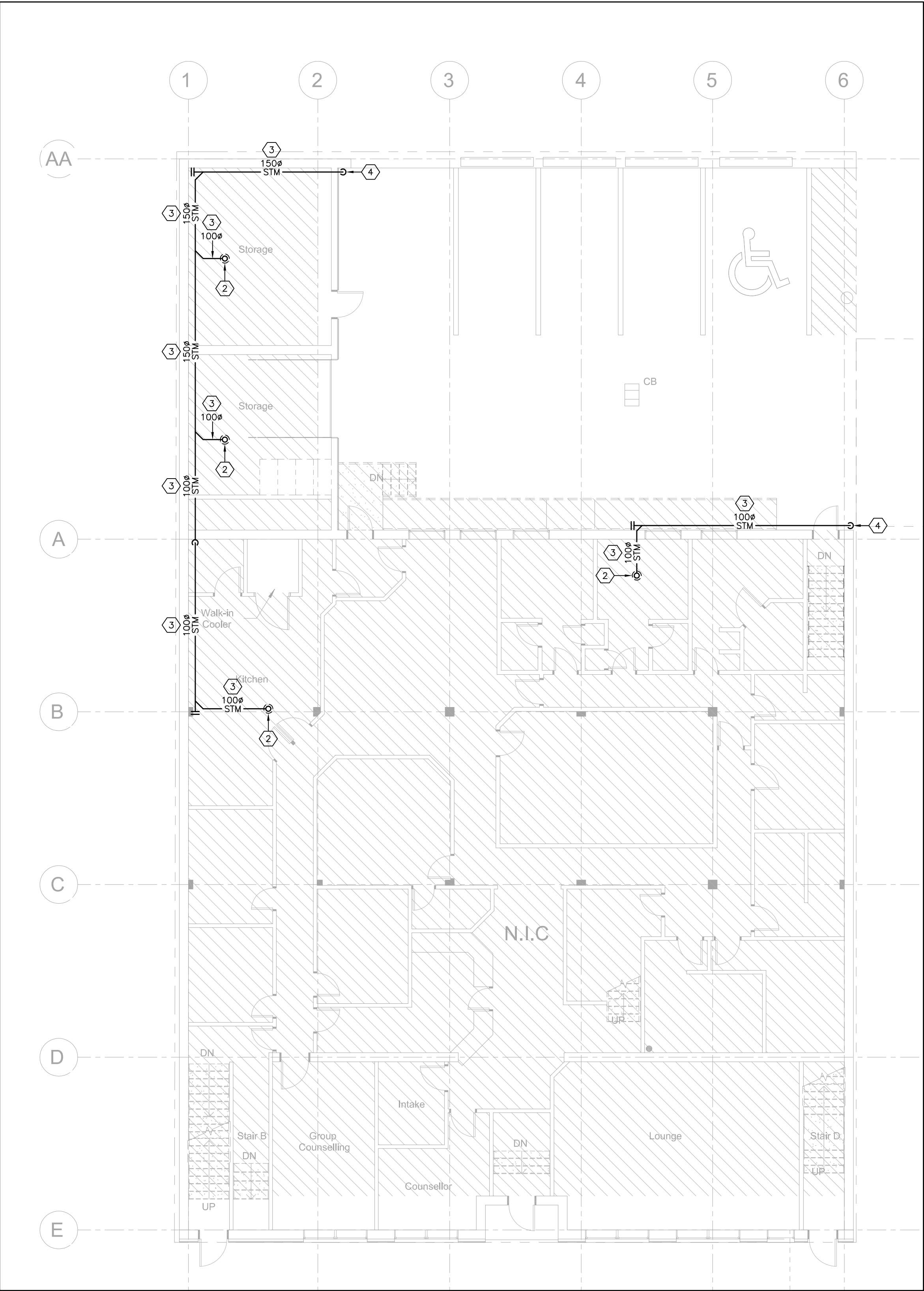
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ROOF — NEW MECHANICAL PLAN



drawing number

M3



1 FIRST FLOOR — NEW ROOF DRAINAGE PLAN
M4 SCALE: 1:100

- DRAWING NOTES:**
- NEW 75# DN. FROM THE NEW ROOF DRAIN.
 - NEW 100# DN. FROM THE NEW ROOF DRAIN.
 - PROVIDE NEW STORM PIPING GENERALLY ROUTED AS SHOWN. AT THE ONSET OF THE PROJECT AND AFTER REMOVAL OF THE CEILING FINISHES, SITE VERIFY ANY CONFLICTS OR OBSTRUCTIONS WITH THE ROUTING OF PIPING. ADVISE THE ENGINEER OF ANY INTERFERENCE OR ISSUES PRIOR TO COMMENCING ANY PROCUREMENT OF MATERIALS AND INSTALLATION. ALL PIPING TO BE SLOPED MINIMUM 1%. KEEP ALL PIPING AS TIGHT TO THE CEILING AS POSSIBLE. INSULATE THE FULL LENGTH OF STORM PIPING INSTALLED INDOORS. PIPING INSTALLED OUTDOORS DOES NOT NEED TO BE INSULATED.
 - TERMINATE THE STORM PIPING 300mm AFF TO THE NEW CONCRETE PAVER — SEE ARCHITECTURAL AND CIVIL DRAWINGS. TERMINATE THE END OF THE PIPING AT A 90 DEGREE ANGLE (PARALLEL TO THE GROUND) ON TO THE CONCRETE PAVER.
 - REFER TO ARCHITECTURAL DRAWINGS FOR THE REMOVAL AND REINSTATEMENT OF ALL CEILING FINISHES INSIDE OF THE BUILDING AS REQUIRED FOR THE NEW STORM PIPING.

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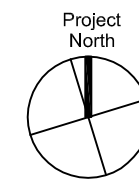
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FIRST FLOOR — ROOF DRAINAGE PLAN



drawing number

M4

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 TELEPHONE SWITCH
	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 TELEPHONE SWITCH
	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	
	CCTV CAMERA
	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

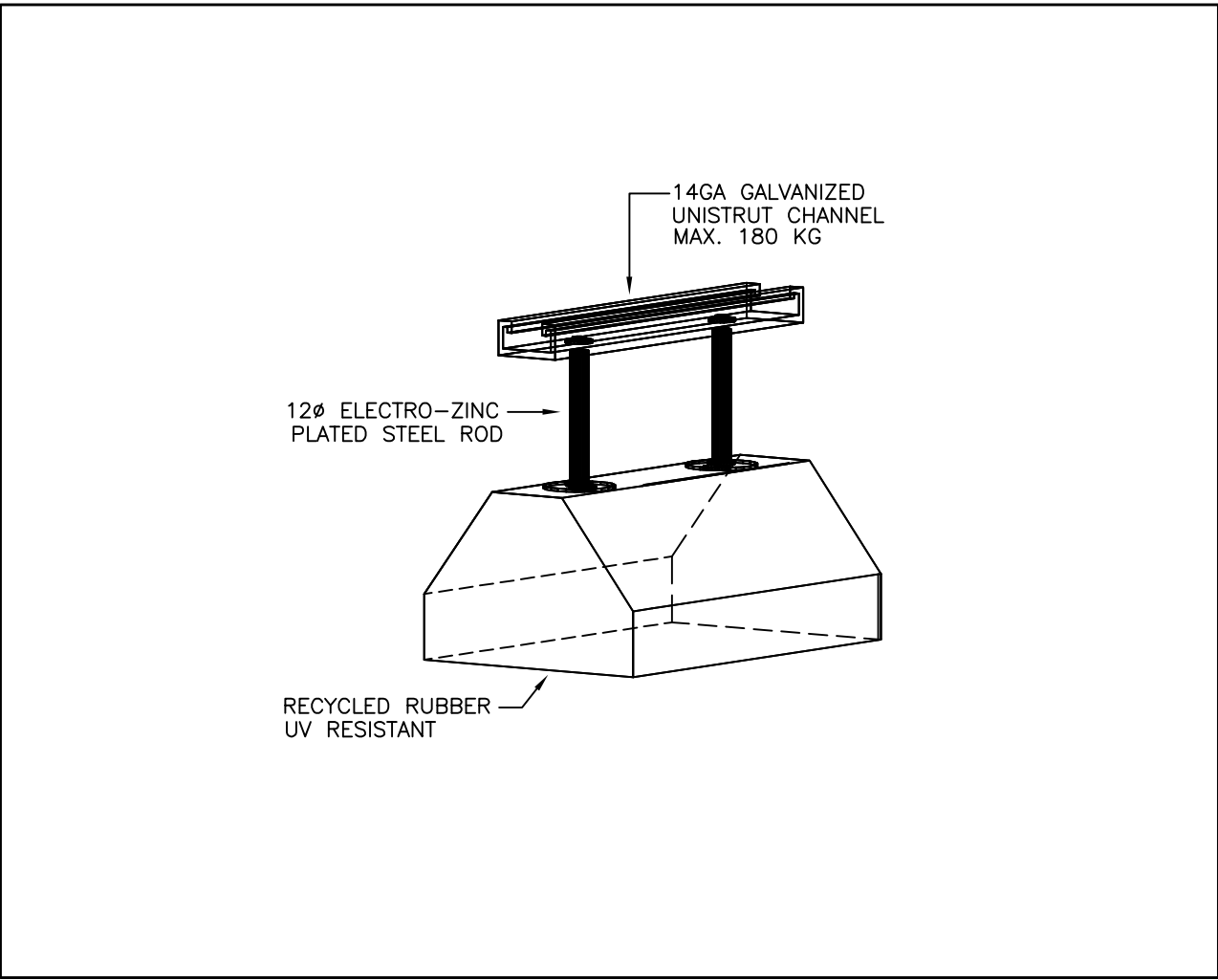
AUDIO/VISUAL SYSTEM LEGEND	
	EMPTY BACKBOX COMPLETE WITH BLANK COVERPLATE AND 25mmC UP TO THE ACCESSIBLE CEILING SPACE PROVISION FOR FUTURE AV CABLING

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. LOOKDOWN '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, NOTES AND DETAILS
E2	ROOF - EXISTING ELECTRICAL PLAN
E3	ROOF - NEW ELECTRICAL PLAN

FIRE ALARM WORK	
THE EXISTING FIRE ALARM SYSTEM SERVING THE BUILDING IS A 'MIRCOM' FIRE ALARM SYSTEM.	
THE BIDDING ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR COMPLETING ALL FIRE ALARM WORK ASSOCIATED WITH THIS PROJECT. RETAIN THE BASE BUILDING FIRE ALARM CONTRACTOR FOR ALL FIRE ALARM WORK.	
PROVIDE A VERIFICATION REPORT (AS PER CAN/ULC-S537) AFTER EACH REINSTATEMENT OF AIR HANDLING EQUIPMENT TO ENSURE THAT ALL DEVICES AND SHUT DOWNS ARE FUNCTIONING CORRECTLY.	
RETAIN AND PAY FOR A CAN/ULC-S1001 INTEGRATED TESTING PROVIDE TO COMPLETE INTEGRATED TESTING IN ACCORDANCE WITH OBC AND CAN/ULC-S1001 STANDARDS.	



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

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Rev	Description	Date
1	90% Progress	Apr. 18, 2026
2	Permit & Tender	May 22, 2026
3	Permit & Tender	June 2, 2026



MECHANICAL & ELECTRICAL CONSULTANT:

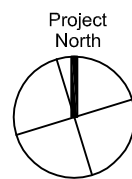
SURI & ASSOCIATES LTD. ENGINEERING CONSULTANTS	
1022 WHITE CLOVER WAY MISSISSAUGA, ONTARIO L5V 1C8 T (905) 290-7861 F (289) 327-3420	ELECTRICAL MECHANICAL LIGHTING COMMUNICATION SECURITY

TSSS Pape
Roof Replacement

1076 Pape Avenue

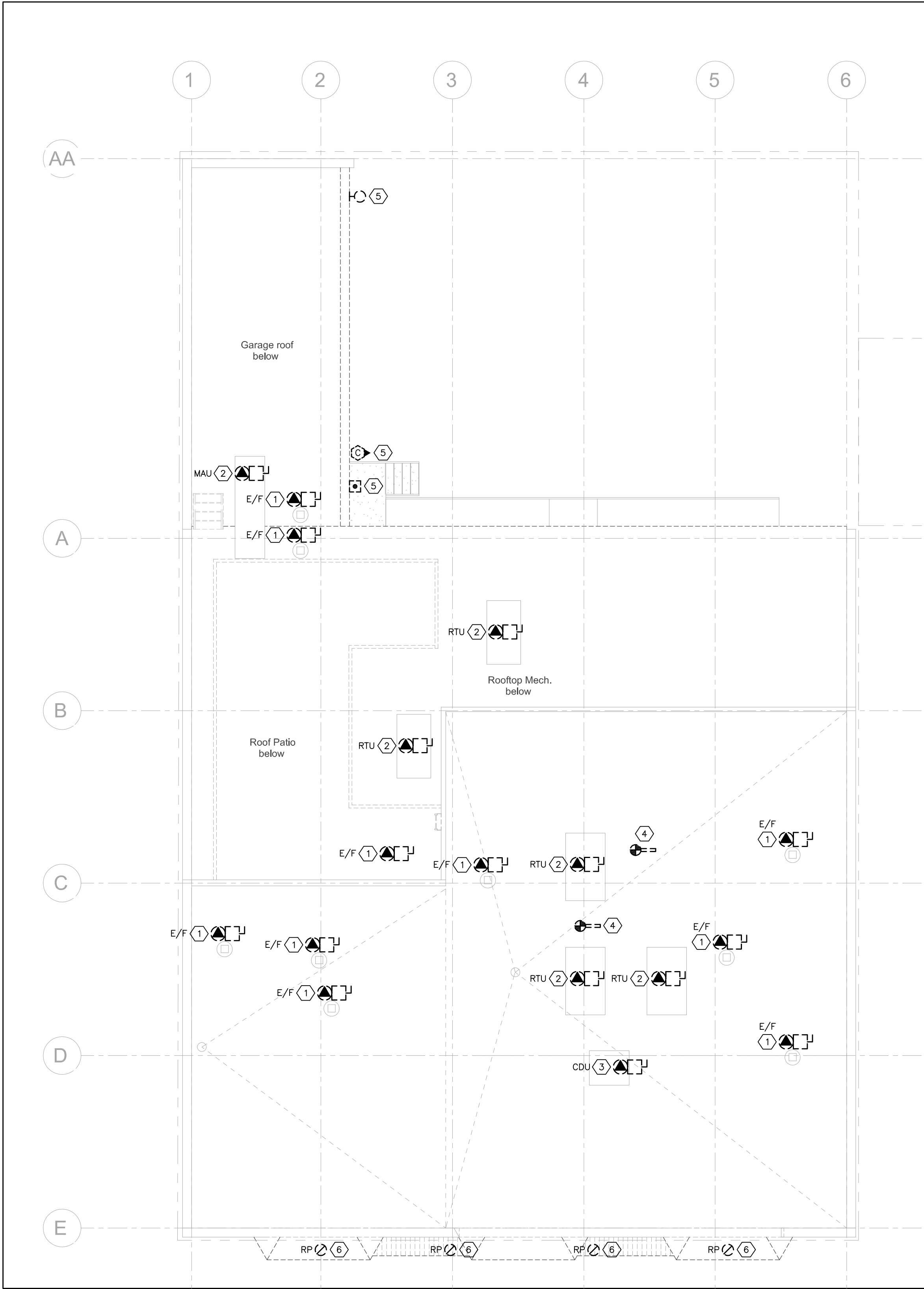
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DATE:	STATUS:
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ELECTRICAL LEGEND, NOTES AND
DETAILS



drawing number

E1



1 ROOF - EXISTING ELECTRICAL PLAN
E2 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 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 ON SITE AT THE GRADE LEVEL, 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:

- 1 DISCONNECT POWER CONNECTION TO THE EXISTING EXHAUST FAN TO FACILITATE TEMPORARY REMOVAL OF THE 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.
- 2 DISCONNECT POWER CONNECTION AND ANY EXISTING FIRE ALARM WIRING TO THE EXISTING ROOFTOP UNIT TO FACILITATE TEMPORARY REMOVAL OF THE ROOFTOP 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.
- 3 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.
- 4 DISCONNECT POWER CONNECTION AND ALL FIRE ALARM WIRING TO THE EXISTING DUCT SMOKE DETECTOR TO FACILITATE TEMPORARY REMOVAL OF THE DUCTWORK AND ROOFTOP 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.
- 5 TEMPORARILY REMOVE THE EXISTING DOOR OPERATOR PUSH BUTTON, CCTV CAMERA AND EXTERIOR WALL-MOUNTED LIGHT C/W ASSOCIATED BUILDING-MOUNTED CONDUIT & WIRING AS REQUIRED TO FACILITATE THE NEW CLADDING WORK. RETAIN ALL DEVICES FOR REINSTATEMENT AFTER INSTALLATION OF THE NEW CLADDING.
- 6 REMOVE THE EXISTING SOFFIT LIGHTS. REMOVE THE EXISTING ROUGH-INS, CONDUIT AND WIRING TO SUIT THE DEMOLITION/REMOVAL OF THE CANOPY AND RE-WORK ALL CONDUIT/WIRING/ROUGH-INS TO SUIT THE LAYOUT OF THE NEW REPLACEMENT LED LIGHTS AND INSTALLATION ON THE SOFFITS OF THE BAY WINDOWS.

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MECHANICAL & ELECTRICAL CONSULTANT:

SURI & ASSOCIATES LTD.
ENGINEERING CONSULTANTS

1022 WHITE CLOVER WAY
MISSISSAUGA, ONTARIO
L5V 1C8
T (905) 290-7861
F (289) 327-3420

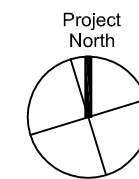
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**TSSS Pape
Roof Replacement**

1076 Pape Avenue

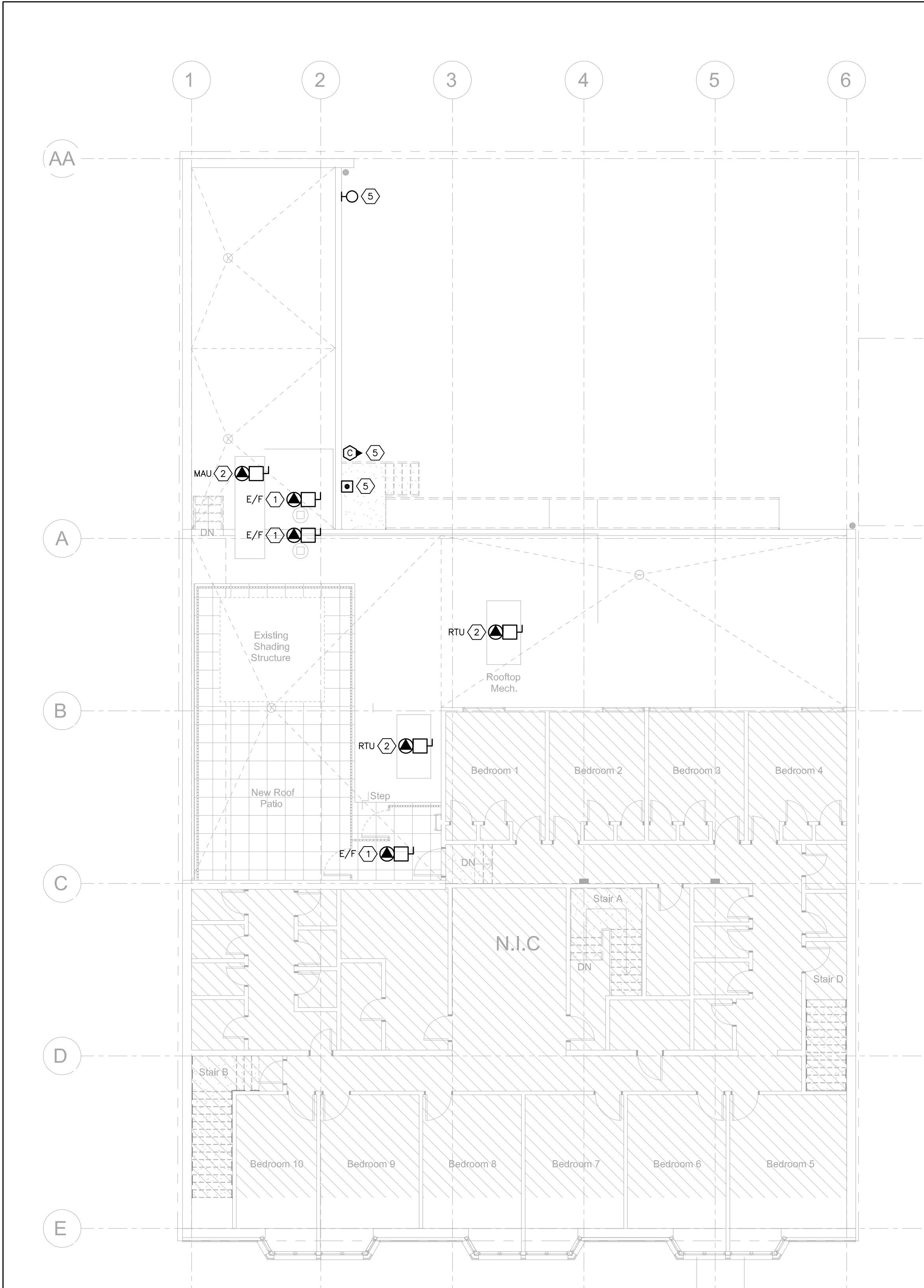
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ROOF - EXISTING ELECTRICAL PLAN



drawing number

E2



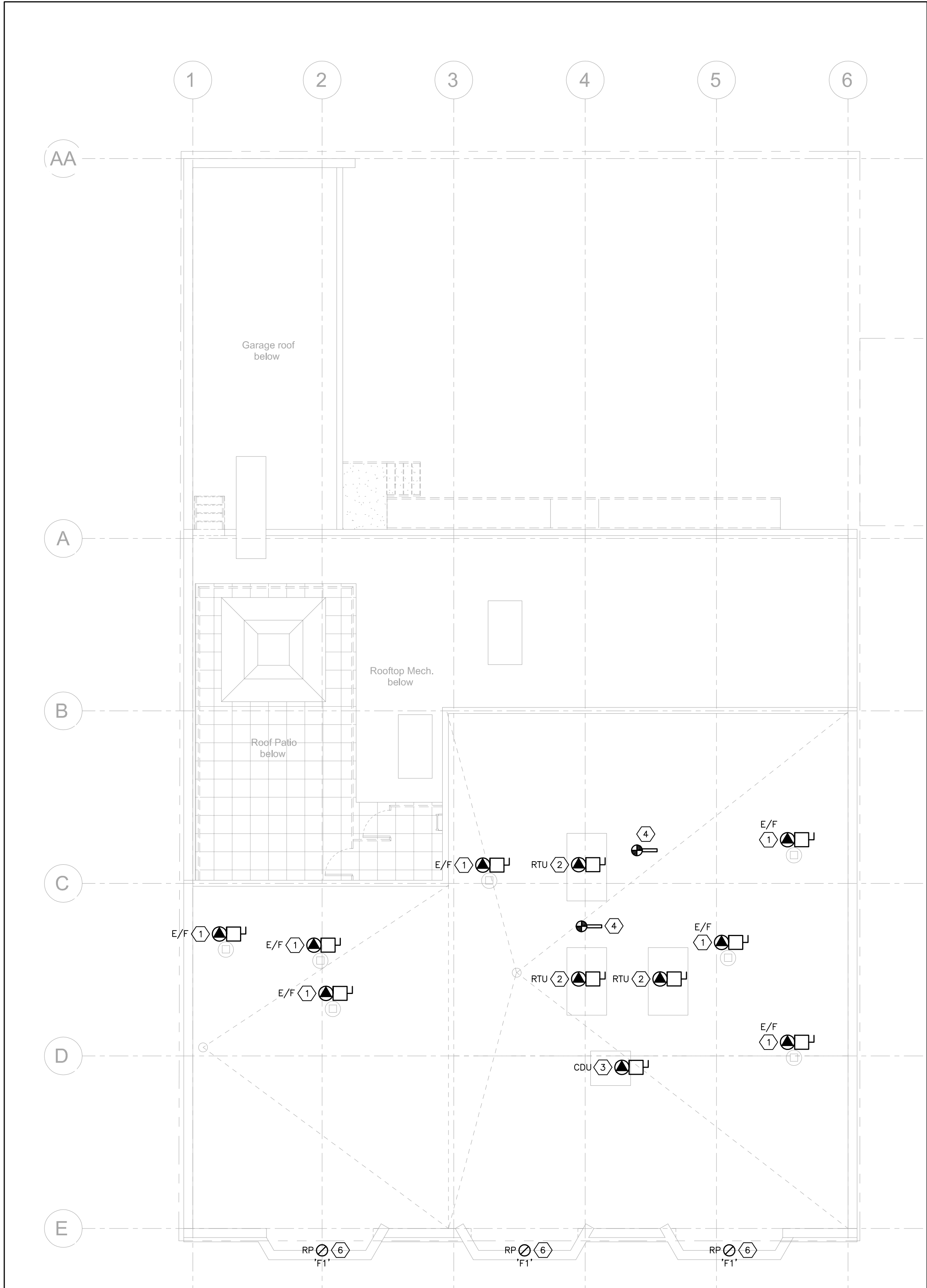
1 LOWER ROOF - NEW ELECTRICAL PLAN
E3 SCALE: 1:100

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 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 ON SITE AT THE GRADE LEVEL, 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.



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

DRAWING NOTES:

- 1 REINSTATE POWER CONNECTION TO THE EXISTING EXHAUST 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. PROVIDE A NEW LOCAL DISCONNECT SWITCH.
- 2 REINSTATE THE POWER CONNECTION TO THE EXISTING ROOFTOP 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. REUSE THE EXISTING DISCONNECT SWITCH.
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.
- 3 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. REUSE THE EXISTING DISCONNECT SWITCH.
- 4 RECONNECT POWER CONNECTION AND ALL FIRE ALARM WIRING TO THE EXISTING DUCT SMOKE DETECTOR UPON REINSTATEMENT OF THE DUCTWORK AND ROOFTOP UNIT IN COORDINATION WITH THE ROOFING WORK. REINSTATE ALL WIRING/RACEWAYS FROM INSIDE OF THE BUILDING.
- 5 REINSTATE THE DOOR OPERATOR PUSH BUTTON, CCTV CAMERA AND EXTERIOR WALL-MOUNTED LIGHT C/W ASSOCIATED BUILDING-MOUNTED CONDUIT & WIRING AFTER COMPLETION OF THE NEW CLADDING WORK.
- 6 PROVIDE NEW LED SOFFIT LIGHTS TO REPLACE THE EXISTING. MODIFY THE EXISTING ROUGH-IN, WIRING AND CONDUIT TO SUIT THE NEW LIGHT PLACEMENT AND THE DEMOLITION OF THE EXISTING CANOPY.
FIXTURE TYPE 'F1' SHALL BE ACUITY JUNO WF8-SW5-90CRI-MB OR APPROVED EQUAL. SET COLOUR TEMPERATURE TO 3000K. FIXTURE SHALL BE SUITABLE FOR EXTERIOR CANOPY MOUNTING.

GENERAL NOTES:

1. TEST OPERATION OF ALL ROOFTOP EQUIPMENT AFTER POWER RE-ENERGIZATION IN COORDINATION WITH THE MECHANICAL CONTRACTOR.
2. 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.
3. FINAL CONNECTION TO ALL MECHANICAL EQUIPMENT SHALL BE WITH A MAXIMUM LENGTH OF 5' OF LIQUIDTIGHT, FLEXIBLE CONDUIT.
4. FOR ALL EQUIPMENT, REUSE THE EXISTING WEATHERPROOF DISCONNECT SWITCH WHERE PRESENT AND IN GOOD WORKING CONDITION. OTHERWISE, PROVIDE A NEW LOCAL WEATHERPROOF DISCONNECT SWITCH.
5. PROVIDE AN ESA INSPECTION REPORT/CERTIFICATE, FIRE ALARM VERIFICATION REPORT (IN ACCORDANCE WITH CAN/ULC-S537) AND AN S1001 INTEGRATED TESTING REPORT UPON COMPLETION OF ALL ELECTRICAL WORK.

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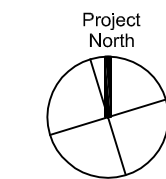
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ROOF - NEW ELECTRICAL PLAN



drawing number

E3