Addendum # 3
Bid Opportunity: 26-7848-RFT - Waterloo Collegiate Institute HVAC and Exterior Upgrades Phase 2
Closing Date: Thursday, March 26, 2026 2:00 PM

The following issued by the Board shall form part of the Bid / Proposal Solicitation document. The revisions and additions noted herein along with any attachments shall be read in conjunction with all other related documents. This Addendum shall, take precedence over the previously issued documents where differences occur. Receipt of this addendum must be acknowledged in the Bidding System, bids&tenders.

If you have already submitted a Bid / Proposal, it will be automatically withdrawn as a result of this addendum. You must resubmit the Bid / Proposal acknowledging all addenda and revising your Bid / Proposal to comply with all addenda.

Question 1:

On drawing A1.1 there is a demo note 8. Please confirm if this note says we are to repair all firestopping in the room or just at the locations of the existing ducts to

be removed. The entire room wasn't accessible during the walk through due to the existing unit in the room.

Answer 1:

Refer to Sheets A1.1, A1.3, and A1.6, dated 2026.03.26, attached and forming part of this addendum.

Question 2:

The specifications call for Curtain Wall systems, while the drawing details refer to 'Window Assemblies'—even though the details themselves appear to be for Curtain Walls. Consequently, we are assuming W1 through W10 and CW1/CW2 to be Curtain Wall unless otherwise noted

Answer 2:

Refer to Sheet A2.5 dated 2026.03.26, attached, and forming part of this addendum.

Question 3:

Section 10 51 13 identifies Lockers.
Please confirm lockers 18 inches x 18 inches x 72 inches are included within the tender. Please identify location of these locers within drawings.

Answer 3:

<u>Delete</u> Specification, Section 10 51 13 (Page 2 of 4) in its entirety, and <u>Replace</u> with Section 10 51 13 R1, attached hereto and forming part of this addendum. Contractor to site verify locker dimensions. Refer to drawings for locker locations.

Question 4:

On drawing A1.2 demo note 12 can you please confirm the requirements of refinishing the rad cover. Are we just to paint it or is it required to have a powder coating on it?

Answer 4:

Refer to drawing 4/A1.5.

Question 5:

To properly price the firespray required we will need existing drawings for the structural steel.

Answer 5:

Refer to WCI – 1961 Addition Structural drawings, attached, and forming part of this addendum.

Question 6:

On drawings A1.3 it shows existing tiles to be removed, stored and, reinstalled. If the existing tiles are in bad shape will the replacement of them be extra to contract?

Answer 6:

Refer to A1.3, A1.5b, and A1.6, dated 2026.03.23, attached, and forming part of this addendum.

Question 7:

On drawing A4.1 Demo note D3 says reserved but is pointing to all the lights in the corridor.

Answer 7:

Refer to A1.4 dated 2026.03.23, attached, and forming part of this addendum.

Question 8:

Is heat trace cable required for any of the refrigerant or condensate lines.

Answer 8:

Heat tracing is not required on the refrigerant piping or condensate piping

Question 9:

On drawing A2.1 D4 - It is going to be much more cost effective to recap the existing columns then to patch and repair them. Also demo note 10 says to cut existing cover ceiling. The existing condition in this location is a bulkhead in front of the windows, what does the cover ceiling refer to?

Answer 9:

Thank you for the recommendation, but please proceed as per drawings. The Cove Ceiling referenced in the drawings refers to the bulkhead.

Question 10:

On A3.2 - The ceiling is hatched to be removed but no demolition notes are pointing the the corridor ceiling. It also doesn't note that there is to be a new ceiling installed either.

Answer 10:

Refer to all information on Sheet A3.2.

Question 11:

On A5.1 demo note D2 says to keep the existing ceiling. This is an old plaster ceiling that is already partially damaged.

Answer 11:

Refer to Sheet A5.1 and A5.2 dated 2026.03.23, attached, and forming part of this addendum.

Question 12:

There are two E3.1 drawings in the tender package.

Answer 12:

Duplicate sheet E3.1 appears to be a plotting issue. This duplicate drawing is to be removed from the package.

Question 13:

Locker specification 2.4.7 Doors, identifies 27 gauge. Please confirm Inner/outer door panel gaugei. e. 14/20 ga 16/20 ga 14/24 ga. 27 gauge is not listed as a typical locker gauge.

Answer 13:

Delete Specification, Section 10 51 13 (Page 2 of 4 and Page 3 of 4) in its entirety, and Replace with Section 10 51 13 R1 (Page 2 of 4 and Page 3 of 4), attached hereto and forming part of this addendum.

Question 14:

Reference Drawing, A4.1 identifies 1. Exisitng to remain locker bodies, including shelves, exposed interior, exterior. 2. All lockers missing hooks to receive new hooks. 3. New Locker Doors to be installed on all existing locker bodies. The Locker Keynotes, identify Replace Missing Hooks, and Supply new Doors. Under Electratic Painting - identifies Locker bodies to be painted. Please confirm interpretation of Locker Keynotes, Painting, and New Fronts.

Answer 14:

Refer to drawings A4.1 and A4.2 dated 2026.03.23, attached, and forming part of this addendum.

Question 15:

Please confirm location of Commerical Lockers, within drawings. Commercial Locker as noted within Locker Specification.

Answer 15:

Refer to Specification, Section 10 51 13 R1, Page 2 of 4, attached, and forming part of this addendum

<u>Clarification Initiated by the Board/ Consultant</u>

Clarification 1
Due to the absence of a detailed specification for the thermally broken storefront system indicated on drawing S01/ A5.2, please reference a thermally broken system of performance equivalent to the 451UT series to maintain continuity with the building envelope's high-performance thermal requirements, or approved equivalent.

Clarification 2
At this time, the specification for "Section 10 51 13 METAL LOCKERS" remains unchanged. Due to time constraints, alternates request cannot be reviewed as part of this tender and will not be accepted. Alternate products may be considered for future projects at the discretion of the Board.

Clarification 3
Contractors shall carry a Cash Allowance of $20,000.00 for the Door Hardware Finish Schedule, to cover hardware supply and installation associated with the specified openings.

End of Addendum

2 Products

2.1 APPROVED PRODUCTS AND MANUFACTURERS

.1 Basis-of-Design Products: Products named in this Section were used as the basis-of-design for the project; additional manufacturers offering similar products may be incorporated into the work of this Section provided they meet the performance requirements established by the named products and provided they submit requests for substitution in accordance with Division 01.

.2 Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include; but are not limited to, the following:

.1 ASI Storage Solutions Inc.

.2 Shanahan's Building Products

.3 GSS (General Storage Systems)

.4 Hadrian Manufacturing Inc.

.3 ~~Commercial Lockers:~~ **Metal Lockers:**

.1 Size: ~~457mm (18”) wide x 457mm (18”) deep x 1829mm (72”) high.~~
305mm +/- (12" +/-) wide x 381mm +/- (15" +/-) deep x 1829mm (72") high

.2 Construction:

.1 Doors: One-piece double wall envelope construction, complete with honeycomb core, welded construction, complete with recessed handle box.

.1 Outer Panel: 16 gauge thick.

.2 Inner Panel: 20 gauge thick.

.2 Frame: Minimum 16 gauge steel channel, welded construction complete with 11 gauge padlock hasp.

.3 Body: Minimum gauge requirements:

.1 Panels: 20 gauge.

.2 Shelves: 16 gauge.

.3 Fillers: 16 gauge.

.4 Bottoms: 16 gauge.

.5 End Panels: 16 gauge.

.6 Bolt Spacing: 229mm o.c. maximum spacing.

.4 Handle: Recessed lock pocket, one piece construction, 20 gauge.

.5 Tops: Sloped, continuous overtop of a bank of lockers, 20 gauge.

.6 Hinge: Continuous, heavy-duty full length 16 gauge piano hinge riveted to both door and frame.

.3 Configuration: Single tier.

.4 Basis of Design Product: SLM Deluxe Series Locker by Shanahan's Building Products.

.1 Acceptable alternate models and manufacturers:

.1 Tradition Plus Collection by ASI Storage Solutions Inc.

.2 Excalibur Locker by General Storage Systems Ltd.

.3 Atlas Institutional Lockers by Anthony Steel Manufacturing.

2.2 MATERIALS

.1 Sheet Steel: Cold rolled carbon steel, commercial quality stretcher levelled or temper rolled to stretcher levelled standard of flatness free from surface imperfections and conforming to ASTM A366/A336M-91.

.2 Locker Paint: Electrostatically applied, thermo-setting, high performance primer and powder coating.

.3 Welding Materials: Conforming to CSA W59.

.4 Fasteners: Non-corrosive type.

.5 Steel Plate: Conforming to CAN/CSA-G40.20/G40.21, Grade 44W.

.6 Chromeplating: Chrome plating on steel by "electroplating" method, with plating sequence as follows; 0.00035" thickness of Copper, followed by 0.00039" thickness of Nickel, followed by 0.00064" thickness of Chromium.

.7 Polyurethane Coating: Oil modified, clear gloss or stain interior type conforming to CAN/CGSB-1.175-M.

2.3 FINISHES

.1 Lockers:

.1 Specially treat metal locker surfaces by phosphate conversion process conforming to CGSB 31-GP-105a, ready to receive locker paint finish.

.2 Electrostatically apply locker paint to all metal locker surfaces. Colours as selected by Consultant from manufacturer's standard product range.

2.4 FABRICATION

.1 General: Make work square, plumb, straight and true. Make joints and intersections tightly fitted and securely fastened.

.2 Finish: All parts to be thoroughly degreased, cleaned and given a bonding, rust-retarding phosphate coat and two finish coats of powder coating. Material then to be baked to produce a hard durable finish.

.3 Body: End sides to have double bend at front edge to add stiffness. Front edge of shelf to be bent to prevent small items from rolling off.

.4 Sloping Tops: Constructed in long lengths, not less than 3658mm. Provide all angle and channel framing required. All fastenings to be concealed. Panels shall be accurately formed free of waves and buckles and set true to line horizontally and vertically.

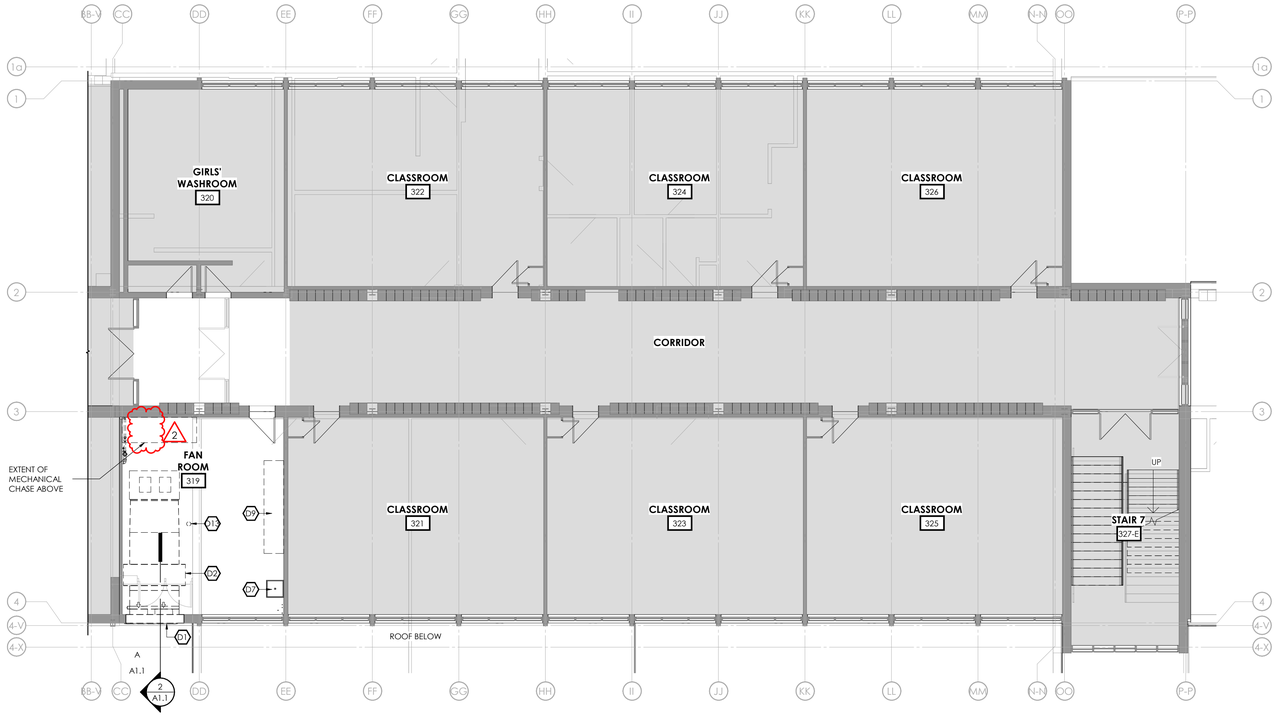
.5 Filler Panels: Minimum 20 gauge sheet steel, powder coated to match locker colour. Extend filler panels from finished floor to top of sloping top. Top of panel to be same slope as sloping top. Secure panels from inside of lockers.

.6 Door Frames: Vertical members to have three right angle bends to reduce the danger of exposed edges and add strength. Horizontal members to be bent to channel shape of 19mm x 63.5mm x 19mm. Weld parts together to form a strong, rigid unit. Provide two rubber bumpers on lock side of frame approximately 38mm from top and bottom of door.

.7 Doors: Fully enclosed at rear with a flush minimum ~~27~~ 20 gauge thick reinforcing sheet to form a closed box and make a rigid, whip-free unit. Face of door to be free from protruding handles, locks, louvers, etc.

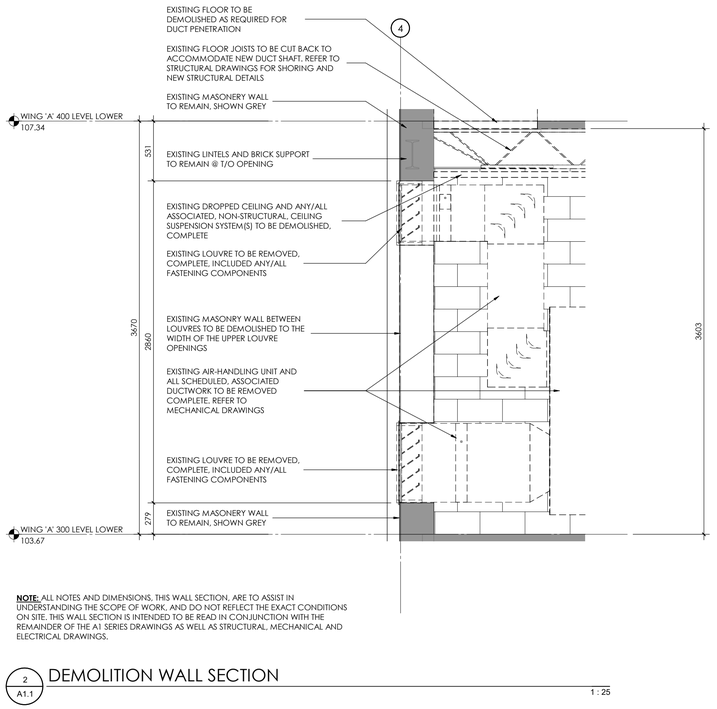
.8 Bases (where concrete bases are not indicated): 18-gage sheet steel, powder coated to match locker colour, 100mm high, complete with top and bottom legs and intermediate vertical steel reinforcement at back.

.9 Commercial Locker Ventilation: Cut slots at top and bottom of each locker to allow air to flow freely in and out of entire locker from bottom to top.



1 A1.1 HVAC - WING 'A' LOWER 300 LEVEL - DEMOLITION PLAN

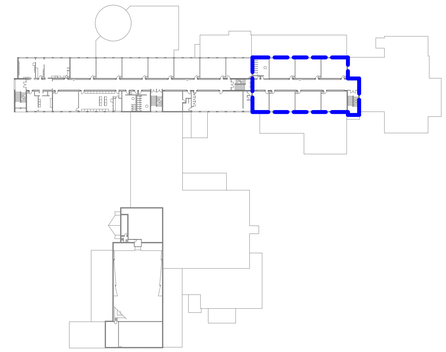
1 : 100



NOTE: ALL NOTES AND DIMENSIONS, THIS WALL SECTION, ARE TO ASSIST IN UNDERSTANDING THE SCOPE OF WORK, AND DO NOT REFLECT THE EXACT CONDITIONS ON SITE. THIS WALL SECTION IS INTENDED TO BE READ IN CONJUNCTION WITH THE REMAINDER OF THE A1 SERIES DRAWINGS AS WELL AS STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS.

2 A1.1 DEMOLITION WALL SECTION

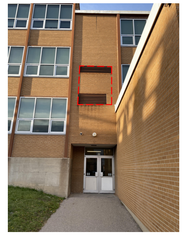
1 : 25



WING A LOWER 300 LEVEL

REFERENCE PHOTOS

A/ A1.1



NOTE: REFERENCE PHOTOS ARE TO ASSIST IN CLARIFYING THE SCOPE OF WORK, BUT SHOULD NOT BE SCALED OR USED IN LIEU OF A SITE INVESTIGATION BY THE CONTRACTOR AND ANY/ALL RELEVANT SUB-TRADES.

DEMOLITION KEYNOTES

- (X1) REMOVE EXISTING LOUVRES, COMPLETE. DEMOLISH EXISTING MASONRY WALL BETWEEN LOUVRES TO THE WIDTH OF THE UPPER EXISTING LOUVRE OPENING. EXISTING UPPER OPENING LINTEL(S) TO REMAIN IN PLACE. REFER TO STRUCTURAL AND MECHANICAL DRAWINGS. SEE ALSO REFERENCE PHOTO A/A1.1.
- (X2) DISCONNECT AND DEMOLISH EXISTING AIR-HANDLING UNIT (AHU) AND DISPOSE OF FROM SITE AS PER LOCAL REGULATIONS. REFER TO MECHANICAL DRAWINGS FOR FULL SCOPE AS WELL AS PHASING FOR REMOVAL/DEMOLITION.
- (X3) REMOVE EXISTING URINAL AND URINAL CARRIER. REFER TO MECHANICAL DRAWINGS FOR ASSOCIATED DISCONNECT AND SAFE CAPPING OF PLUMBING.
- (X4) DEMOLISH EXISTING HALF WALL AND SLOPED CAP IN THEIR ENTIRETY TO ACCOMMODATE NEW CHASE WALL INSTALLATION.
- (X5) CUT EXISTING TERRAZZO TILE FLOORING. ENSURE CLEAN CUT FOR PATCHING AND REPAIRING. TERRAZZO FINISH WILL BE CUT AN ADDITIONAL AMOUNT AS NEEDED FOR BLOCK WALL CONSTRUCTION ON CONCRETE SLAB. CUT EXISTING FLOOR SLAB, AND POSSIBLE ORIGINAL URINAL PLATFORM, AS REQUIRED FOR DUCT PENETRATION. REFER TO STRUCTURAL AND MECHANICAL DRAWINGS.
- (X6) CAREFULLY REMOVE EXISTING TOILET STALL PARTITIONS & TOILETS FOR STORAGE AND RE-INSTALLATION ONCE CONSTRUCTION IS COMPLETE. REFER TO MECHANICAL DRAWINGS FOR TEMPORARY TOILET DISCONNECT.
- (X7) EXISTING MOP SINK AND ADJACENT PLUMBING FIXTURES TO REMAIN. REFER TO MECH. DWGS. FOR MORE INFORMATION.
- (X8) RESERVED

2

- (X9) EXISTING SHELVING AND BLOCKING FOR WALL MOUNTING, TO BE REMOVED COMPLETE. CONFER WITH OWNER PRIOR TO REMOVAL IF SHELVING SHOULD BE TURNED OVER. PATCH AND MAKE GOOD SURFACES TO REMAIN.
- (X10) EXISTING BRADLEY SINK AND ASSOCIATED PLUMBING TO REMAIN.
- (X11) EXISTING, ORIGINAL URINAL PLATFORM TO REMAIN WHERE NOT INTERRUPTED BY DUCT CHASE. CONFIRMATION OF EXISTING CONDITION TO BE DETERMINED ON SITE.
- (X12) EXISTING RADIATOR COVER TO BE CAREFULLY REMOVED FOR STORAGE, REFINISHING AND RE-INSTALLATION AFTER CONSTRUCTION. REFER TO MECHANICAL DRAWINGS.
- (X13) CORE HOLE THROUGH THE EXISTING FLOOR FOR NEW FLOOR DRAIN. REFER TO MECHANICAL DRAWINGS.

NOTE: NOT ALL KEYNOTES APPLY TO EVERY DRAWING.

DEMOLITION PLAN LEGEND

- EXISTING WALL TO REMAIN (SHOWN SHADED)
- EXISTING ASSEMBLY TO BE DEMOLISHED
- DENOTES EXISTING BUILDING
- DENOTES AREA N.I.C. UNLESS NOTED OTHERWISE

No.	REVISIONS	DATE
1	ADDENDUM 01	2025.03.17
2	ADDENDUM 03	2026.03.23

***IMPORTANT NOTE TO ALL CONTRACTORS/SUB-CONTRACTORS:**

THIS SCOPE OF WORK CONTAINS ASBESTOS CONTAINING MATERIALS (ACM). ALL CONTRACTORS SHALL REFER TO THE ASBESTOS AUDIT AND SECTION 01 35 43, HAZARDOUS MATERIALS FOR APPROPRIATE PROTOCOLS THAT MUST BE FOLLOWED, REGARDLESS OF ABATEMENT OPERATIONS BEING CONDUCTED OR NOT.

CHRONOLOGY	DATE
ISSUED FOR PERMIT/TENDER	2026.03.03
ISSUED FOR COORDINATION	2026.02.26

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CLIENT

WATERLOO REGION DISTRICT SCHOOL BOARD

PROJECT NAME

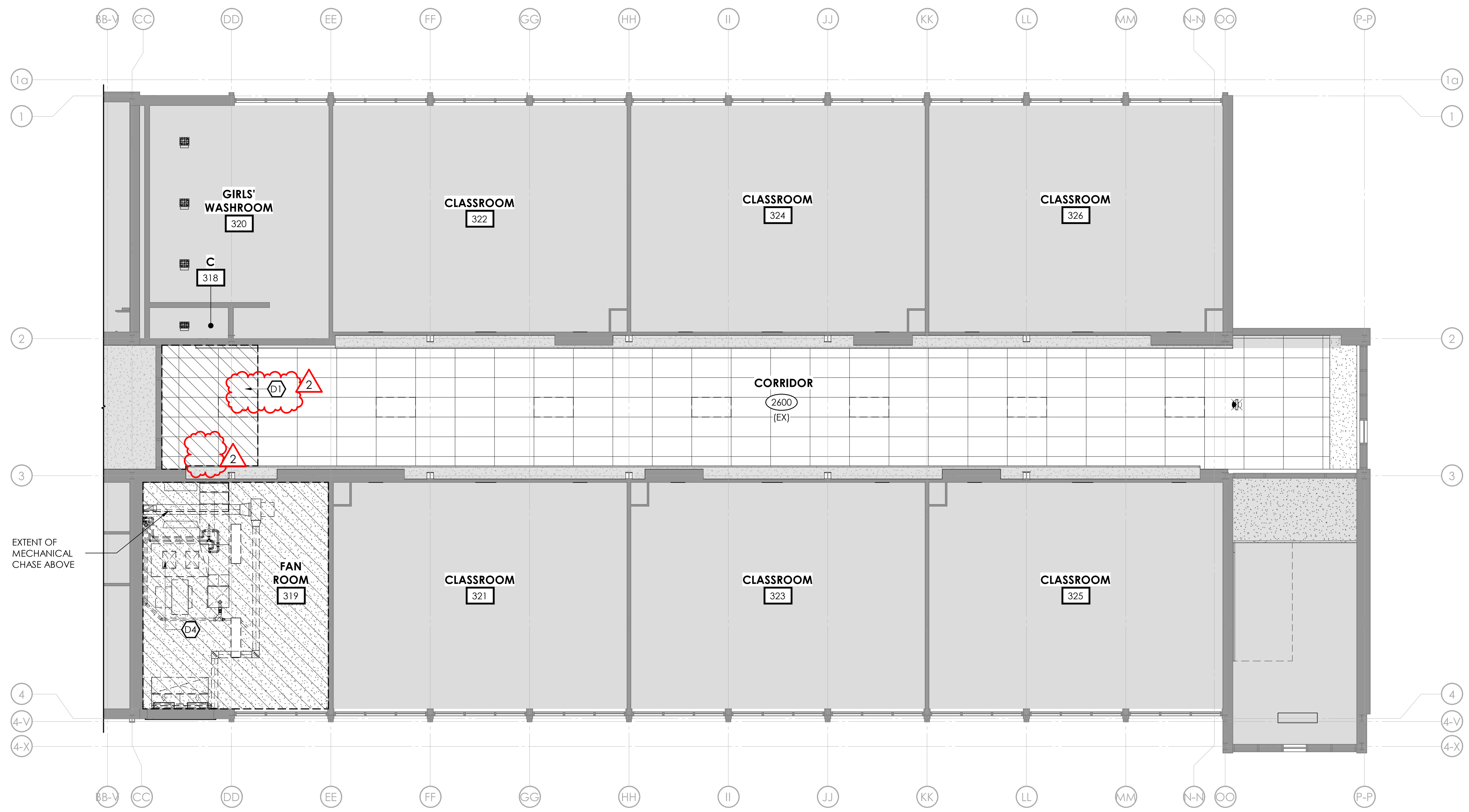
WATERLOO COLLEGIATE INSTITUTE HVAC AND EXTERIOR UPGRADES PHASE 2

300 HAZEL STREET, WATERLOO, ON. N2L 3P2

DRAWING TITLE

HVAC - WING 'A' LOWER 300 LEVEL - DEMOLITION PLAN

SCALE	As indicated
SHEET SIZE	609 x 914
PROJECT NUMBER	2025-153
DRAWING NUMBER	A1.1



HVAC - WING 'A' LOWER 300 LEVEL - DEMOLITION REFLECTED CEILING PLAN (1 / A1.3)

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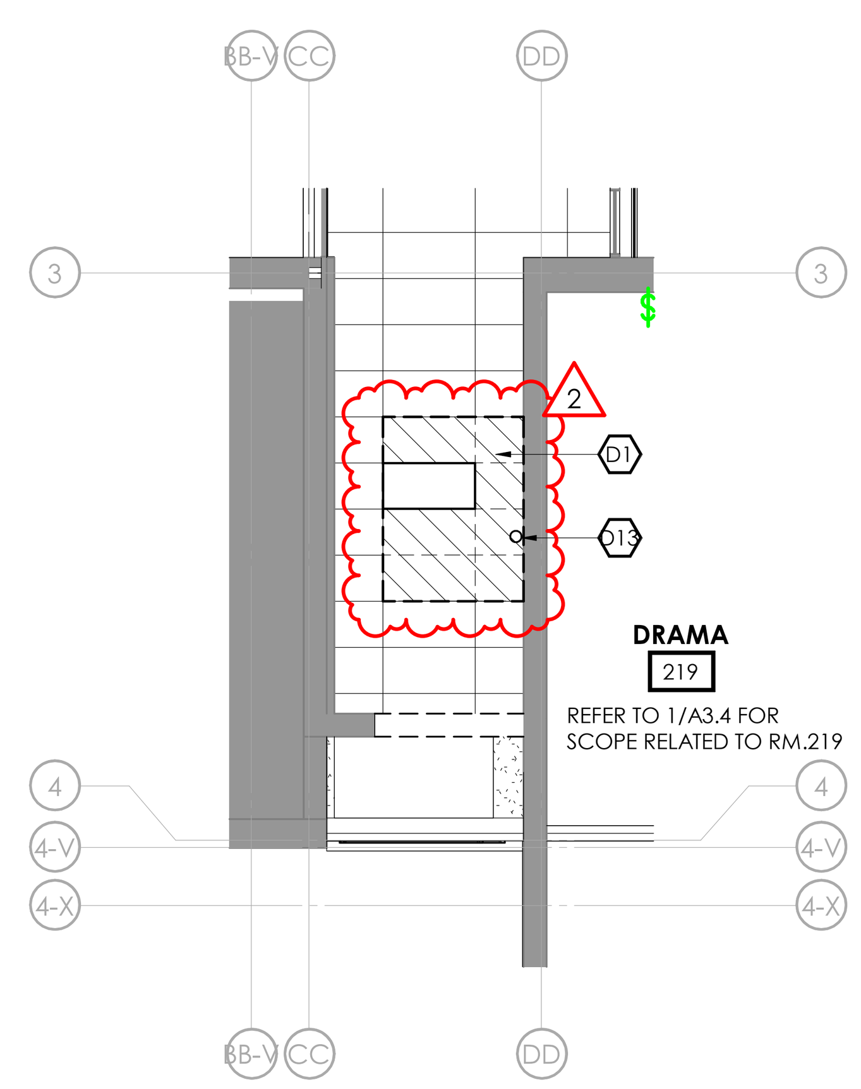

HVAC - WING 'A' 200 LEVEL - DEMOLITION REFLECTED CEILING PLAN (3 / A1.3)

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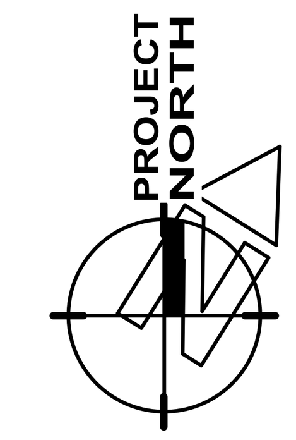

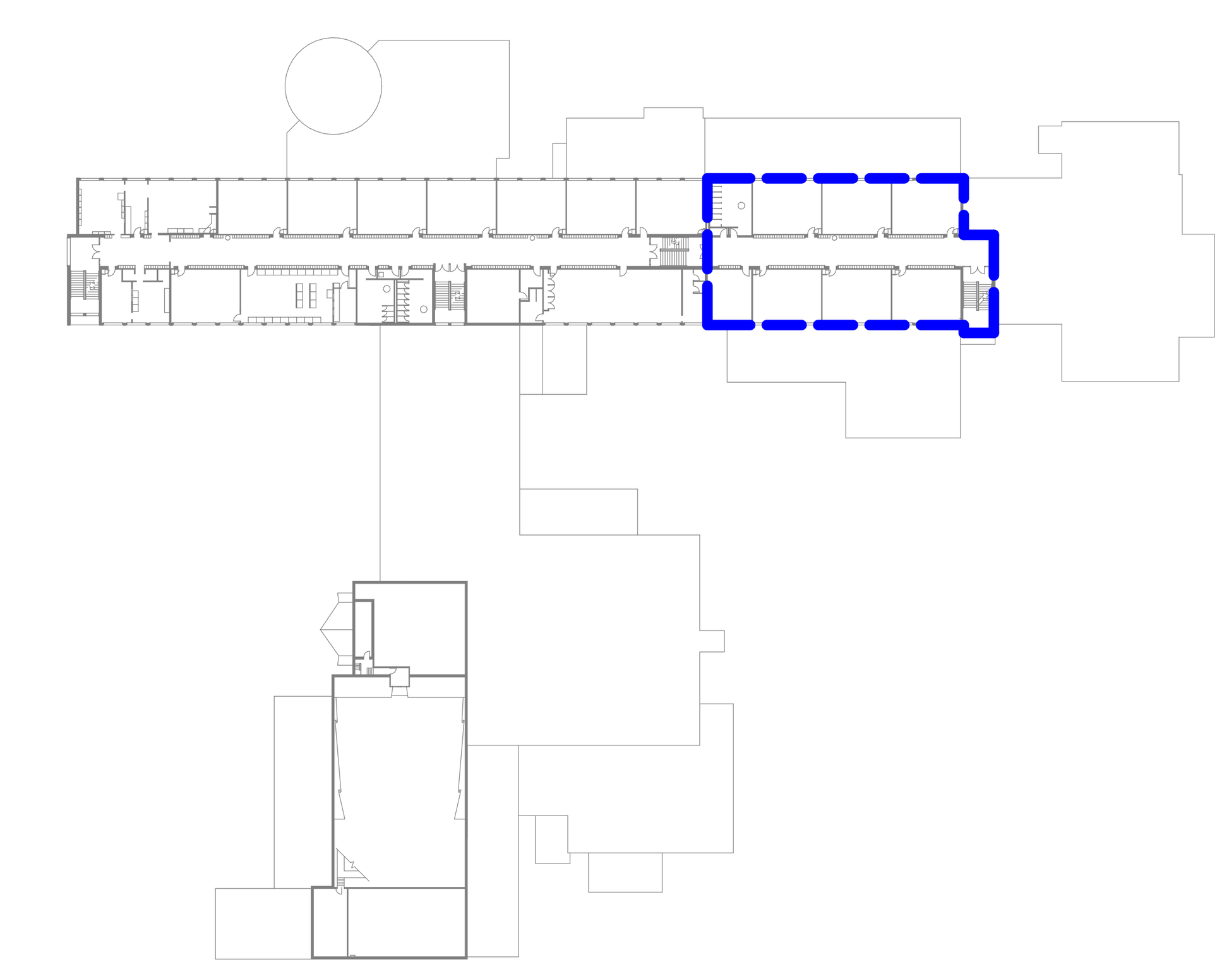

WING A LOWER 300 LEVEL

DEMOLITION RCP KEYNOTES

- D1 SHOULD A SECOND MEMBRANE CEILING BE DISCOVERED ABOVE THE SUSPENDED CEILING, REPORT FINDINGS TO DESIGNER PRIOR TO DEMOLITION. (2)
- D2 DEMOLISH EXISTING CEILING IN IT'S ENTIRETY. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR FULL SCOPE OF REMOVAL, REUSE, REROUTING OR DECOMMISSIONING OF EXISTING SERVICES. STORE CEILING TILES STILL IN GOOD CONDITION, UP TO 10% OF TILES, IN A SAFE, DRY LOCATION. CONFER WITH OWNER IF REQUIRED FOR STORAGE LOCATION. REFER TO ASBESTOS AUDIT REPORT PRIOR TO ANY CEILING DEMOLITION.
- D3 RESERVED
- D4 REFER TO MECHANICAL DRAWINGS FOR DISMANTLING & REMOVAL OF EXISTING AHU AND ASSOCIATED DUCTWORK.
- D5 DEMOLISH EXISTING GYPSUM BOARD CEILING AND ANY/ALL ASSOCIATED SUSPENSION SYSTEM IN IT'S ENTIRETY AND DISPOSE OF FROM SITE. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR FULL SCOPE OF REMOVAL, REUSE, REROUTING OR DECOMMISSIONING OF EXISTING SERVICES.
- D6 EXISTING EXTERIOR WALL OPENING TO BE MODIFIED. REFER TO STRUCTURAL DRAWINGS.
- D8 RESERVED (2)
- D9 APPROXIMATE LOCATION OF EDGE OF EXISTING GYPSUM BULKHEAD TO BE DEMOLISHED.
- D10 CONTRACTOR TO TEMPORARILY REMOVE AND REINSTATE EXISTING CEILING TILE AND GRID AS REQUIRED FOR INSTALLATION OF WALL MOUNTED MECH. UNIT. REFER TO MECH. DWGS. FOR MORE INFORMATION.
- D11 DEMOLISH EXISTING 305x305 TILE SECONDARY CEILING ABOVE ACOUSTIC CEILING TILE IN IT'S ENTIRETY AND DISPOSE OF FROM SITE. REFER TO HAZARDOUS SUBSTANCES REPORT PRIOR TO ANY DEMOLITION AND FOLLOW ALL APPROPRIATE ABATEMENT PROTOCOLS WHERE NECESSARY.
- D12 REFER TO STRUCTURAL DRAWINGS FOR NEW STRUCTURAL STEEL, ROOF REINFORCING. REFER TO MECHANICAL DRAWINGS FOR ANY REMOVAL OF EXISTING DUCTWORK REQUIRED FOR INSTALLATION OF NEW STRUCTURAL STEEL, ROOF REINFORCING.
- D13 APPROXIMATE LOCATION OF CORED HOLE, ABOVE CEILING, FOR NEW FLOOR DRAIN IN FAN RM.319. CONTRACTOR TO NOTE, THAT THERE IS A GYPSUM BOARD CEILING AT THE U/S OF THE JOISTS THAT FRAME THE FAN RM.319 FLOOR. THIS IS ASSUMED TO BE A RATED CEILING AND SHOULD BE TREATED AS SUCH WITH REGARDS TO PATCHING AND FIRE STOPPING.

NOTE: NOT ALL KEYNOTES APPLY TO EVERY DRAWING.

DEMOLITION RCP LEGEND

- EXISTING WALL TO REMAIN (SHOWN SHADED)
- DENOTES EXISTING BUILDING
- DENOTES AREA N.I.C. UNLESS NOTED OTHERWISE
- EXISTING GYPSUM BOARD CEILING TO REMAIN
- EXISTING GYPSUM BOARD CEILING, AND ANY/ALL FURRING STRIPS OR SUSPENSION SYSTEM, TO BE DEMOLISHED
- EXISTING LATHE AND PLASTER CEILING, AND ANY/ALL FURRING STRIPS OR SUSPENSION SYSTEM, TO BE DEMOLISHED
- EXISTING ACOUSTIC CEILING TILE SUSPENDED CEILING TO REMAIN
- APPROXIMATE EXTENT OF EXISTING ACOUSTIC CEILING TILES AND SUSPENDED CEILING TILE GRID TO BE REMOVED AS REQUIRED TO PERFORM HVAC RENOVATION. REPLACE REMOVED SUSPENDED CEILING TILE GRID AND ACOUSTIC CEILING TILES w/ NEW TO MATCH ADJACENT CEILING. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS (2)
- EXISTING 610x1220 OR 610x610 ACOUSTIC CEILING TILE SUSPENDED CEILING AND T-BAR GRID SYSTEM TO BE REMOVED COMPLETE
- EXISTING 305x305 CEILING TILE, COMPLETE WITH BACKING SUBSTRATE AND FURRING STRIPS/SUSPENSION SYSTEM TO BE REMOVED COMPLETE
- EXISTING LIGHT TO BE REMOVED AND TURNED OVER TO THE OWNER. REFER TO ELECTRICAL DRAWINGS

No.	REVISIONS	DATE
1	ADDENDUM 01	2025.03.17
2	ADDENDUM 03	2026.03.23

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CHRONOLOGY	DATE
ISSUED FOR PERMIT/TENDER	2026.03.03
ISSUED FOR COORDINATION	2026.02.26

aba architects inc.
101 Randall Drive, Unit B, Waterloo ON. TEL 519 884 2711 www.abarchitect.ca

CLIENT: WATERLOO REGION DISTRICT SCHOOL BOARD

PROJECT NAME: WATERLOO COLLEGIATE INSTITUTE HVAC AND EXTERIOR UPGRADES PHASE 2

300 HAZEL STREET, WATERLOO, ON. N2L 3P2

DRAWING TITLE: HVAC - WING 'A' LOWER 200 & 300 LEVEL - DEMOLITION REFLECTED CEILING PLAN

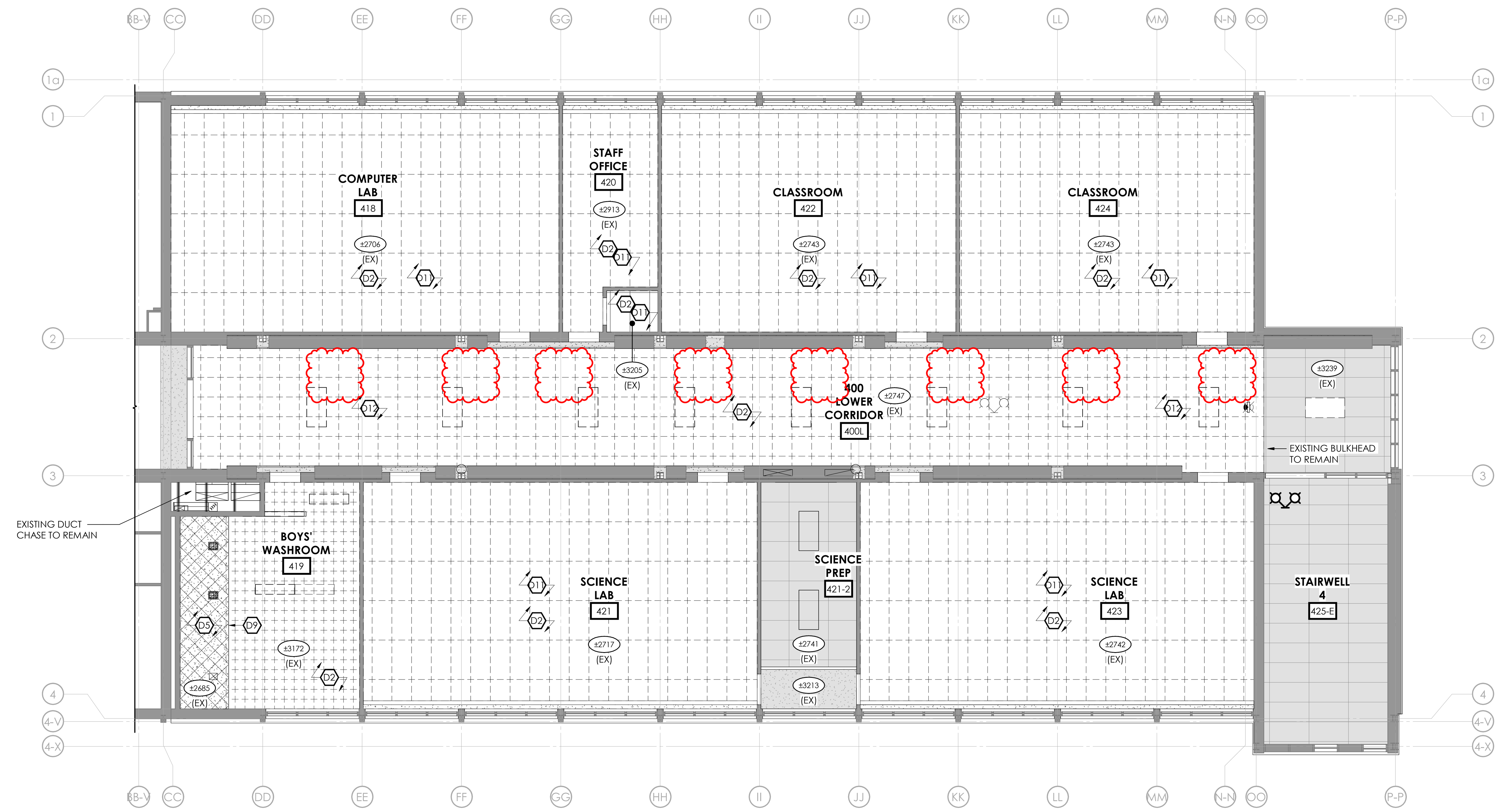
SCALE: As indicated

SHEET SIZE: 609 x 914

PROJECT NUMBER: 2025-153

DRAWING NUMBER: A1.3

2026-03-23 4:35:29 PM C:\Users\SeanH\Documents\2025-153 WCI HVAC & Ext Upgrades Ph 2_Central_shabermehl@abarchitect.ca.rvt



1 / A1.4 — HVAC - WING 'A' LOWER 400 LEVEL - DEMOLITION REFLECTED CEILING PLAN

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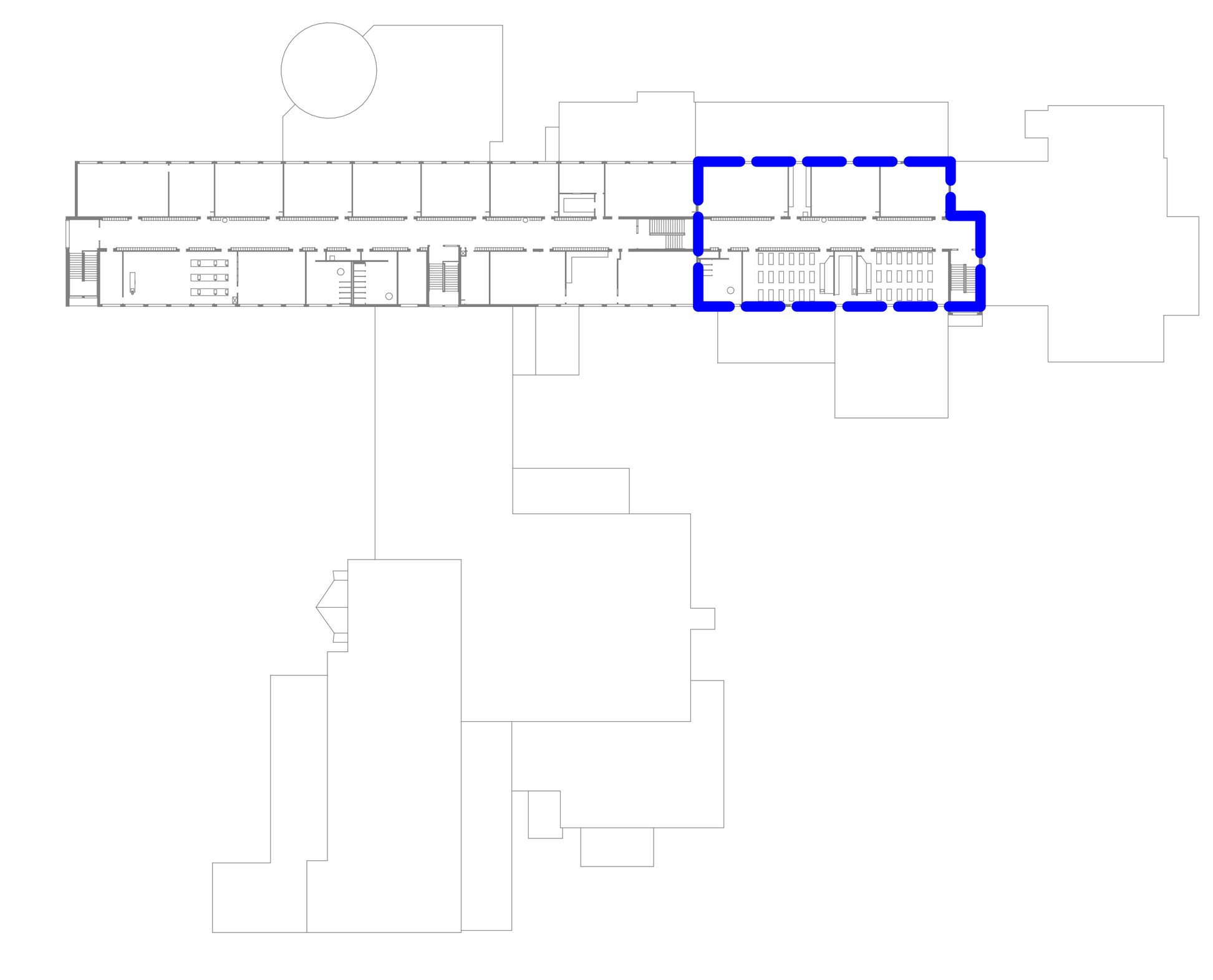
PROJECT NORTH



WING A LOWER 400 LEVEL

DEMOLITION RCP KEYNOTES

- D1 SHOULD A SECOND MEMBRANE CEILING BE DISCOVERED ABOVE THE SUSPENDED CEILING, REPORT FINDINGS TO DESIGNER PRIOR TO DEMOLITION. (1)
- D2 DEMOLISH EXISTING CEILING IN IT'S ENTIRETY. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR FULL SCOPE OF REMOVAL, REUSE, REROUTING OR DECOMMISSIONING OF EXISTING SERVICES. STORE CEILING TILES STILL IN GOOD CONDITION, UP TO 10% OF TILES, IN A SAFE, DRY LOCATION. CONFER WITH OWNER IF REQUIRED FOR STORAGE LOCATION. REFER TO ASBESTOS AUDIT REPORT PRIOR TO ANY CEILING DEMOLITION.
- D3 RESERVED
- D4 REFER TO MECHANICAL DRAWINGS FOR DISMANTLING & REMOVAL OF EXISTING AHU AND ASSOCIATED DUCTWORK.
- D5 DEMOLISH EXISTING GYPSUM BOARD CEILING AND ANY/ALL ASSOCIATED SUSPENSION SYSTEM IN IT'S ENTIRETY AND DISPOSE OF FROM SITE. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR FULL SCOPE OF REMOVAL, REUSE, REROUTING OR DECOMMISSIONING OF EXISTING SERVICES.
- D6 EXISTING EXTERIOR WALL OPENING TO BE MODIFIED. REFER TO STRUCTURAL DRAWINGS.
- D8 RESERVED (1)
- D9 APPROXIMATE LOCATION OF EDGE OF EXISTING GYPSUM BULKHEAD TO BE DEMOLISHED.
- D10 CONTRACTOR TO TEMPORARILY REMOVE AND REINSTATE EXISTING CEILING TILE AND GRID AS REQUIRED FOR INSTALLATION OF WALL MOUNTED MECH. UNIT. REFER TO MECH. DWGS. FOR MORE INFORMATION.
- D11 DEMOLISH EXISTING 305x305 TILE SECONDARY CEILING ABOVE ACOUSTIC CEILING TILE IN IT'S ENTIRETY AND DISPOSE OF FROM SITE. REFER TO HAZARDOUS SUBSTANCES REPORT PRIOR TO ANY DEMOLITION AND FOLLOW ALL APPROPRIATE ABATEMENT PROTOCOLS WHERE NECESSARY.
- D12 REFER TO STRUCTURAL DRAWINGS FOR NEW STRUCTURAL STEEL, ROOF REINFORCING. REFER TO MECHANICAL DRAWINGS FOR ANY REMOVAL OF EXISTING DUCTWORK REQUIRED FOR INSTALLATION OF NEW STRUCTURAL STEEL, ROOF REINFORCING.
- D13 APPROXIMATE LOCATION OF CORED HOLE, ABOVE CEILING, FOR NEW FLOOR DRAIN IN FAN RM.319. CONTRACTOR TO NOTE, THAT THERE IS A GYPSUM BOARD CEILING AT THE U/S OF THE JOISTS THAT FRAME THE FAN RM.319 FLOOR. THIS IS ASSUMED TO BE A RATED CEILING AND SHOULD BE TREATED AS SUCH WITH REGARDS TO PATCHING AND FIRE STOPPING.

NOTE: NOT ALL KEYNOTES APPLY TO EVERY DRAWING.

DEMOLITION RCP LEGEND

- EXISTING WALL TO REMAIN (SHOWN SHADED)
- DENOTES EXISTING BUILDING
- DENOTES AREA N.I.C. UNLESS NOTED OTHERWISE
- EXISTING GYPSUM BOARD CEILING TO REMAIN
- EXISTING GYPSUM BOARD CEILING, AND ANY/ALL FURRING STRIPS OR SUSPENSION SYSTEM, TO BE DEMOLISHED
- EXISTING LATHE AND PLASTER CEILING, AND ANY/ALL FURRING STRIPS OR SUSPENSION SYSTEM, TO BE DEMOLISHED
- EXISTING ACOUSTIC CEILING TILE SUSPENDED CEILING TO REMAIN (1)
- APPROXIMATE EXTENT OF EXISTING ACOUSTIC CEILING TILES AND SUSPENDED CEILING TILE GRID TO BE REMOVED AS REQUIRED TO PERFORM HVAC RENOVATION. REPLACE REMOVED SUSPENDED CEILING TILE GRID AND ACOUSTIC CEILING TILES w/ NEW TO MATCH ADJACENT CEILING. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS
- EXISTING 610x1220 OR 610x610 ACOUSTIC CEILING TILE SUSPENDED CEILING AND T-BAR GRID SYSTEM TO BE REMOVED COMPLETE
- EXISTING 305x305 CEILING TILE, COMPLETE WITH BACKING SUBSTRATE AND FURRING STRIPS/SUSPENSION SYSTEM TO BE REMOVED COMPLETE
- EXISTING LIGHT TO BE REMOVED AND TURNED OVER TO THE OWNER. REFER TO ELECTRICAL DRAWINGS

No.	REVISIONS	DATE
1	ADDENDUM 03	2026.03.23

***IMPORTANT NOTE TO ALL CONTRACTORS/SUB-CONTRACTORS:**

THIS SCOPE OF WORK CONTAINS ASBESTOS CONTAINING MATERIALS (ACM). ALL CONTRACTORS SHALL REFER TO THE ASBESTOS AUDIT AND SECTION 01 35 43, HAZARDOUS MATERIALS FOR APPROPRIATE PROTOCOLS THAT MUST BE FOLLOWED, REGARDLESS OF ABATEMENT OPERATIONS BEING CONDUCTED OR NOT.

CHRONOLOGY	DATE
ISSUED FOR PERMIT/TENDER	2026.03.03
ISSUED FOR COORDINATION	2026.02.26

aba architects inc.

CLIENT: WATERLOO REGION DISTRICT SCHOOL BOARD

PROJECT NAME: WATERLOO COLLEGIATE INSTITUTE HVAC AND EXTERIOR UPGRADES PHASE 2

300 HAZEL STREET, WATERLOO, ON. N2L 3P2

DRAWING TITLE: HVAC - WING 'A' LOWER 400 LEVEL - DEMOLITION REFLECTED CEILING PLAN

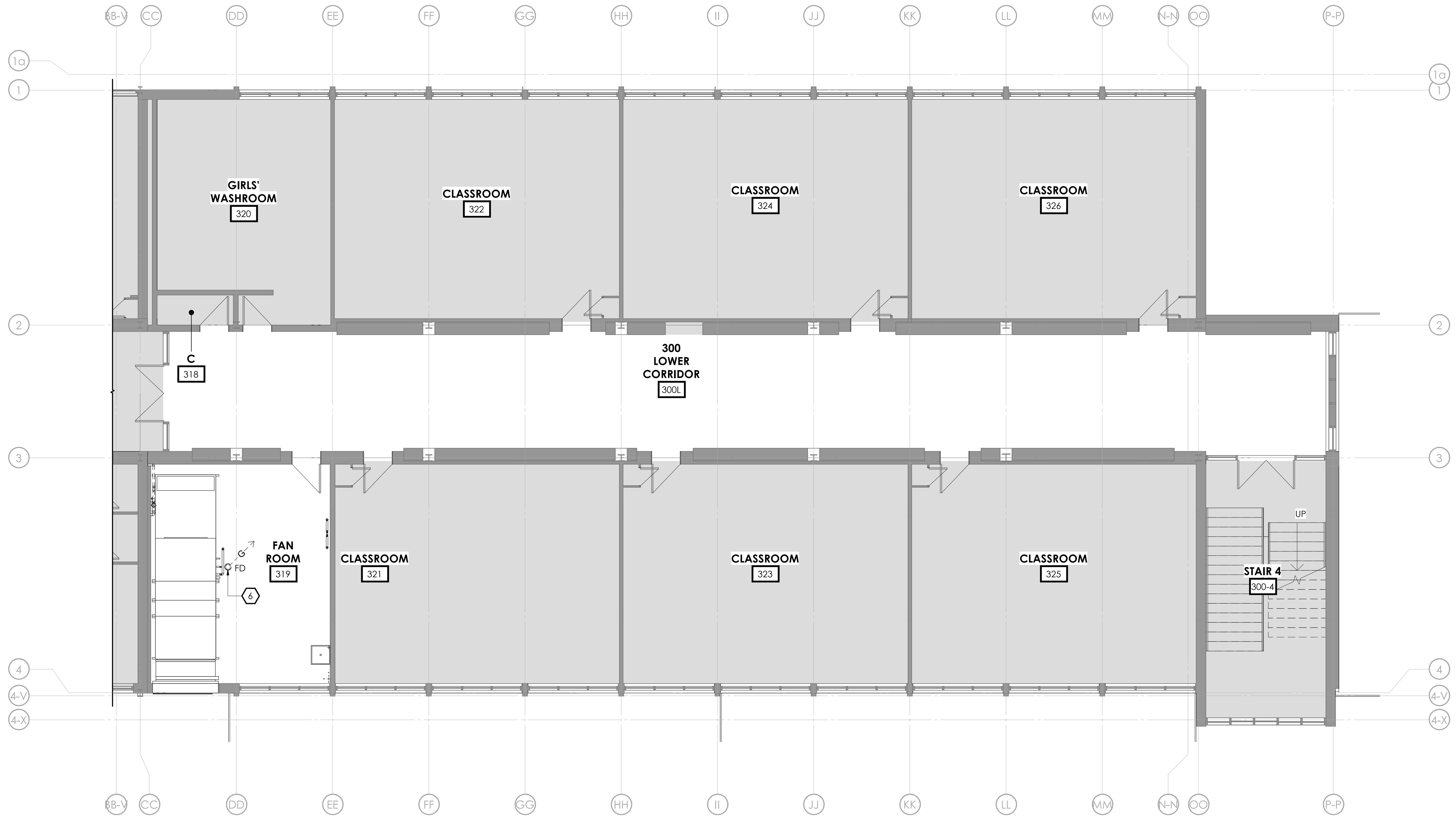
SCALE: As indicated

SHEET SIZE: 609 x 914

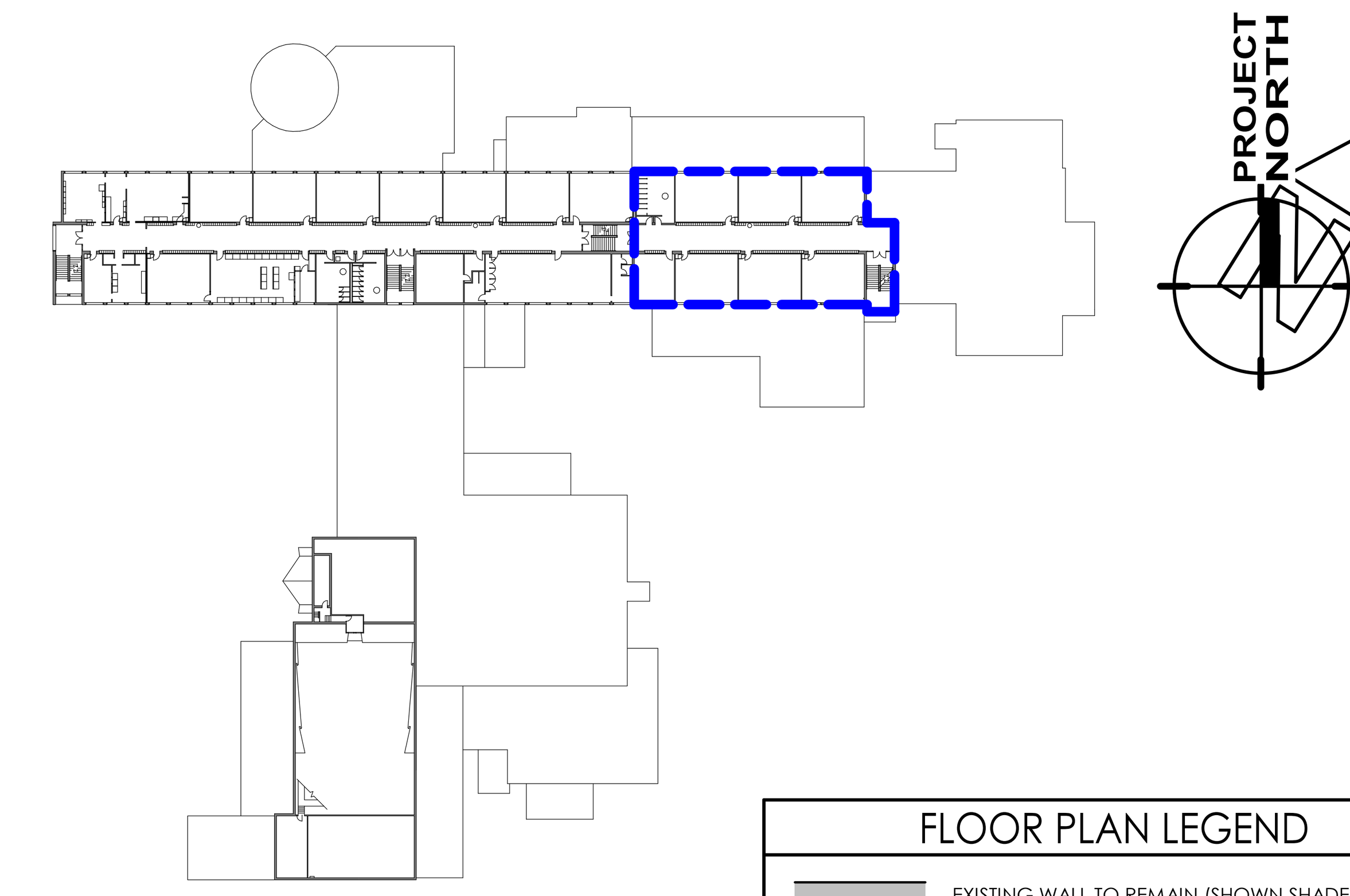
PROJECT NUMBER: 2025-153

DRAWING NUMBER: A1.4

2026-03-23 4:35:30 PM C:\Users\[...]\Documents\2025-153 WCI HVAC & Ext Upgrades Ph 2_Central_shaberman@abarchitect.ca.rvt



1
A1.5b
HVAC - 300 LEVEL FLOOR PLAN
1 : 100



WING A LOWER 300 LEVEL

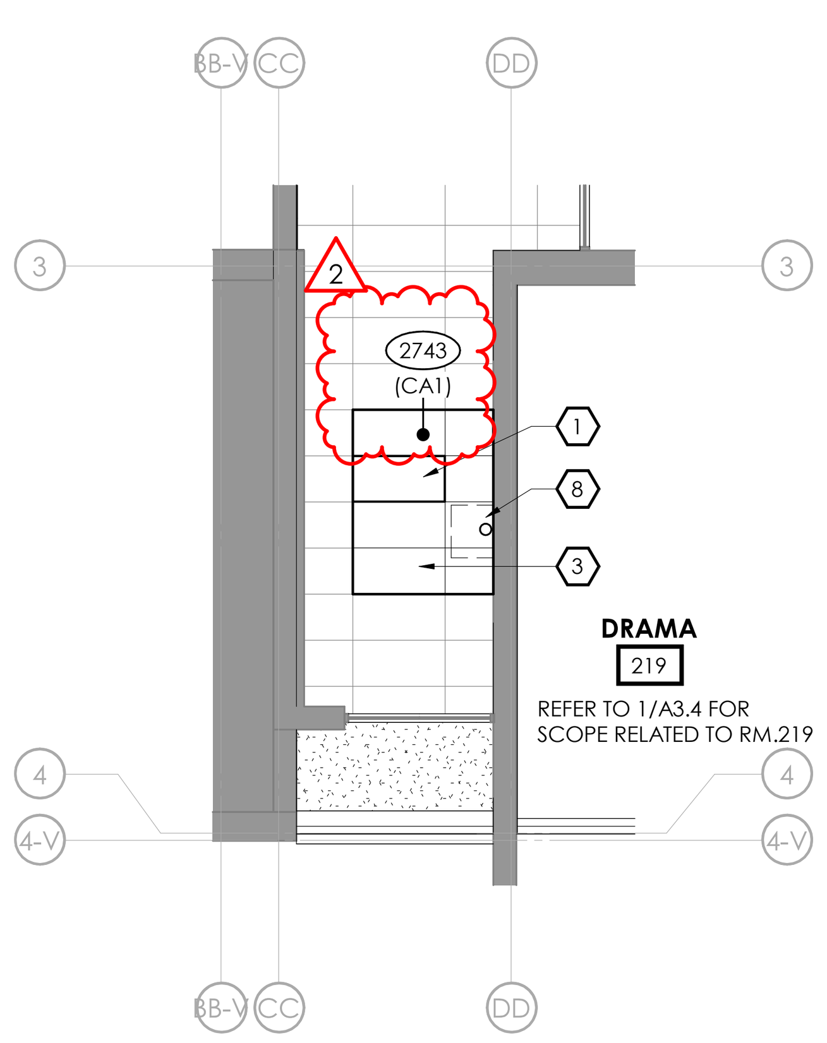
CONSTRUCTION KEYNOTES

1. EXISTING BRADLEY SINK AND ALL ASSOCIATED PLUMBING TO REMAIN.
2. TOILETS AND STALL PARTITIONS TO BE REINSTALLED IN SAME LOCATION PRIOR TO REMOVAL.
3. THREE NEW URINALS AT EQUAL SPACING ALONG LENGTH OF NEW BLOCK WALL c/w URINAL CARRIERS, BACK SIDE OF BLOCK WALL. REFER TO MECHANICAL DRAWINGS.
4. ANY/ALL WALL-MOUNTED FIXTURES AFFECTED BY THE NEW CEILING HEIGHT TO BE SAFELY DISCONNECTED AND REINSTATED AFTER CONSTRUCTION. ANY/ALL TESTING REQUIRED FOR FIXTURES TO BE CARRIED OUT BY CONTRACTOR. REFER TO ELECTRICAL DRAWINGS.
5. LOCATION OF NEW DUCTLESS SPLIT. PATCH / REPAIR ANY AFFECTED SURFACES TO REMAIN FROM INSTALLATION OF NEW DUCTLESS SPLIT UNITS, INCLUDING, BUT NOT LIMITED TO, WALL SURFACES, MILLWORK SURFACES, CHALKBOARD OR WHITEBOARD SURFACES AND FRAMES. ANY REPAIRS TO MATCH ADJACENT FINISHES.
6. PENETRATION OF FLOOR DRAIN THROUGH FLOOR TO BE CONTINUOUSLY FIRE-STOPPED/FIRE CAULKED, BOTH ABOVE AND BELOW FLOOR.

NOTE: NOT ALL KEYNOTES APPLY TO EVERY DRAWING.

FLOOR PLAN LEGEND

- EXISTING WALL TO REMAIN (SHOWN SHADED)
- PROPOSED WALL AS NOTED (REFER TO WALL SCHEDULE)
- EXISTING DOOR AND FRAME TO REMAIN
- PROPOSED DOOR AND FRAME AS NOTED (REFER TO DOOR SCHEDULE)
- EXISTING WINDOW AND FRAME TO REMAIN
- DENOTES EXISTING BUILDING TO REMAIN
- DENOTES AREA N.I.C. UNLESS NOTED OTHERWISE
- W-- PROPOSED WALL TAG: (REFER TO WALL SCHEDULE)
- D-- PROPOSED DOOR TAG: (REFER TO DOOR SCHEDULE)
- W-- PROPOSED WINDOW TAG: (REFER TO WINDOW SCHEDULE)
- S-- PROPOSED SCREEN TAG: (REFER TO SCREEN SCHEDULE)



2
A1.5b
HVAC - WING 'A' LOWER 200 LEVEL
1 : 100

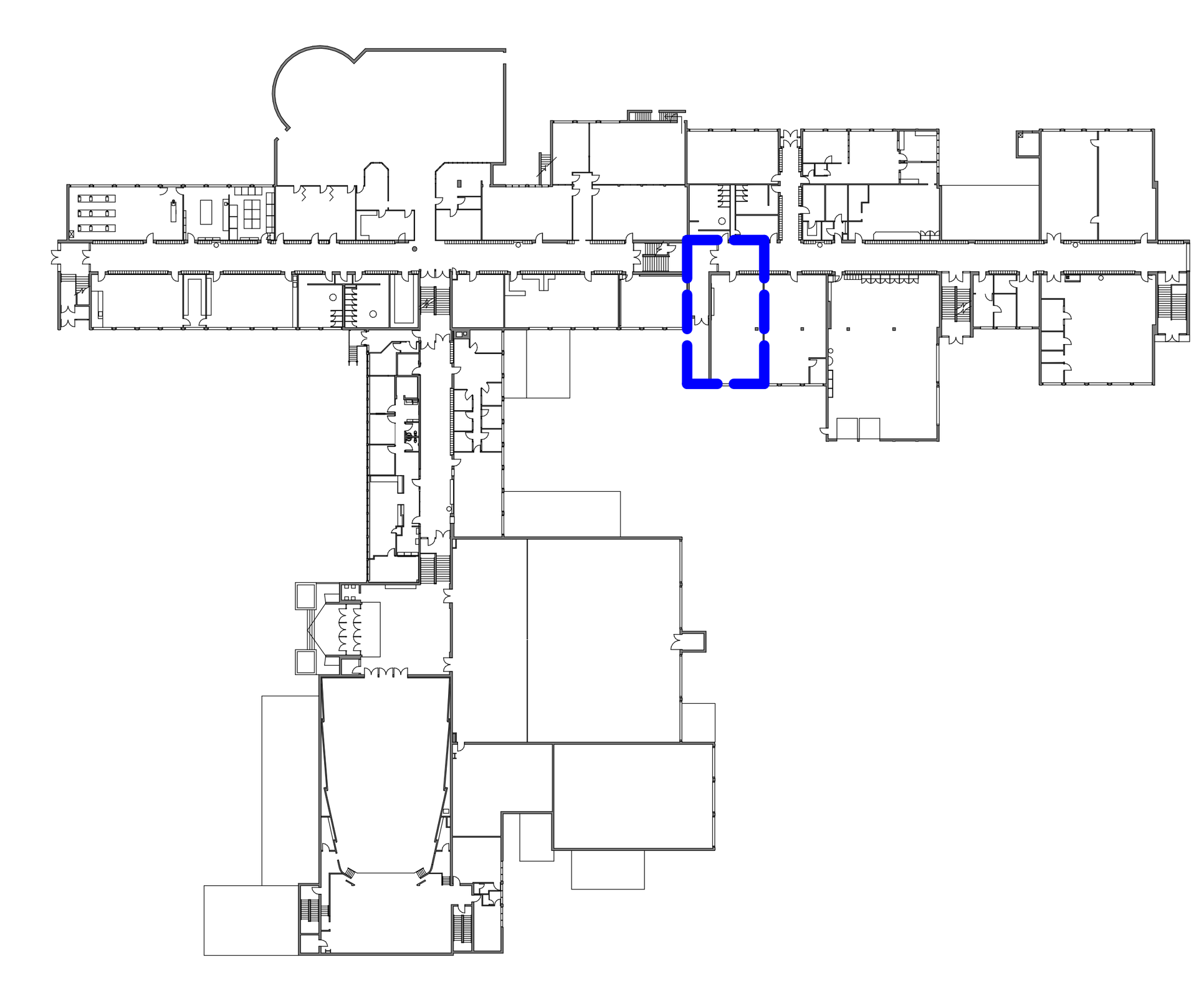
RCP KEYNOTES

1. EXISTING LIGHTING TO REMAIN. CONTRACTOR TO SAFELY SUSPEND OR DISCONNECT LIGHTING FOR THE DURATION OF THE CEILING REMOVAL SCOPE AND REINSTALL IN NEW CEILING.
2. REFER TO ELECTRICAL DRAWINGS FOR RELOCATION OF ELECTRICAL SERVICES AFFECTED BY CEILING HEIGHT DECREASE.
3. REPLACE REMOVED ACOUSTIC CEILING TILES WITH NEW ACOUSTIC CEILING TILES TO MATCH ADJACENT CEILING. (Revision 2)
4. REFER TO ELECTRICAL DRAWINGS FOR ANY/ALL SCOPE RELATED TO NEW LIGHTING AND/OR ELECTRICAL FIXTURES, THIS ROOM.
5. PROVIDE CONTINUOUS 1HR FIRE SPRAY ON THE U/S OF ROOF DECK AND ALL STEEL ROOF STRUCTURE.
6. REFER TO MECHANICAL DRAWINGS FOR INSTALLATION OF NEW AHU. CONFER WITH DESIGNER AND WDE (STRUCTURAL) FOR ANY WALLS THAT REQUIRE MODIFICATION TO SUIT NEW DUCTWORK.
7. NEW AIR CONDITIONING UNIT. REFER TO MECHANICAL DRAWINGS. PATCH AND REPAIR ASSEMBLIES AFFECTED BY INSTALLATION. ALL VISIBLE SURFACES AFFECTED TO BE RE-FINISHED TO MATCH EXISTING ADJACENT FINISHES.
8. GYPSUM BOARD CEILING @ U/S OF JOISTS SUPPORTING FAN RM.319 FLOOR TO BE PATCHED AND REPAIRED AS A FIRE SEPARATION. PENETRATION THROUGH FLOOR FOR FLOOR DRAIN TO BE CONTINUOUSLY FIRE-STOPPED / FIRE-CAULKED, BOTH ABOVE AND BELOW FLOOR.
9. NEW 2400x3250 INTAKE LOUVER, REFER TO MECHANICAL DRAWINGS. LOUVER SHALL BE RATED FOR WIND AND GUARD LOADS. PROVIDE INSULATED BACK PAN FOR PORTIONS OF LOUVER OUTSIDE OF INTAKE DUCT AREA. SITE VERIFY AREA OF OPENING PRIOR TO MANUFACTURING.
10. PROVIDE CONTINUOUS 1HR FIRE SPRAY ON THE U/S OF THE ROOF DECK AND ALL STEEL ROOF STRUCTURE IN FAN ROOM 319, COMPLETE.
11. INFILL WALL OPENINGS AS REQUIRED FOLLOWING NEW DUCT INSTALLATION WITH CONSTRUCTION TO MATCH EXISTING WALL ASSEMBLY AND MAINTAIN INTEGRITY OF EXISTING FIRE SEPARATION. PROVIDE FIRE STOPPING AT EXTENTS OF DUCT OPENINGS. REFER TO MECH. DWGS. FOR MORE INFORMATION. (Revision 2)

NOTE: NOT ALL KEYNOTES APPLY TO EVERY DRAWING.

RCP LEGEND

- EXISTING WALL TO REMAIN (SHOWN SHADED)
- DENOTES EXISTING BUILDING
- DENOTES AREA N.I.C. UNLESS NOTED OTHERWISE
- EXISTING GYPSUM BOARD CEILING TO REMAIN
- FIRE RETARDANT SPRAY ON UNDERSIDE OF DECK AND ALL SUPPORTING STRUCTURE IN THEIR ENTIRETY
- EXISTING ACOUSTIC CEILING TILE SUSPENDED CEILING TO REMAIN
- ACOUSTIC CEILING TILES AND SUSPENDED CEILING TILE GRID
- 610x610 AND 610x1220 RECESSED LIGHT FIXTURE (REFER TO ELECTRICAL DWGS.)
- SUSPENDED OR SURFACE MOUNT LIGHT FIXTURE (REFER TO ELECTRICAL DWGS.)
- POT LIGHT (REFER TO ELECTRICAL DWGS.)
- EXHAUST FAN (REFER TO MECHANICAL DWGS.)
- SUPPLY AIR DIFFUSERS (REFER TO MECHANICAL DWGS.)
- 2450 CEILING HEIGHT TAG



WING A 200 LEVEL LOWER & TECH WING

No.	REVISIONS	DATE
1	ADDENDUM 01	2025.03.17
2	ADDENDUM 03	2026.03.23

***IMPORTANT NOTE TO ALL CONTRACTORS/SUB-CONTRACTORS:**

THIS SCOPE OF WORK CONTAINS ASBESTOS CONTAINING MATERIALS (ACM). ALL CONTRACTORS SHALL REFER TO THE ASBESTOS AUDIT AND SECTION 01 35 43, HAZARDOUS MATERIALS FOR APPROPRIATE PROTOCOLS THAT MUST BE FOLLOWED, REGARDLESS OF ABATEMENT OPERATIONS BEING CONDUCTED OR NOT.

CHRONOLOGY	DATE
ISSUED FOR PERMIT/TENDER	2026.03.03
ISSUED FOR COORDINATION	2026.02.26

aba architects inc.
101 Randall Drive, Unit B, Waterloo ON. TEL 519 884 2711 www.abarchitect.ca

CLIENT: WATERLOO REGION DISTRICT SCHOOL BOARD

PROJECT NAME: WATERLOO COLLEGIATE INSTITUTE HVAC AND EXTERIOR UPGRADES PHASE 2

300 HAZEL STREET, WATERLOO, ON. N2L 3P2

DRAWING TITLE: HVAC - WING 'A' LOWER 300 LEVEL FLOOR PLAN, LOWER 200 LEVEL RCP

SCALE: As indicated

SHEET SIZE: 609 x 914

PROJECT NUMBER: 2025-153

DRAWING NUMBER: A1.5b

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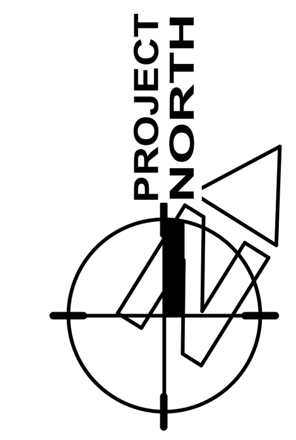
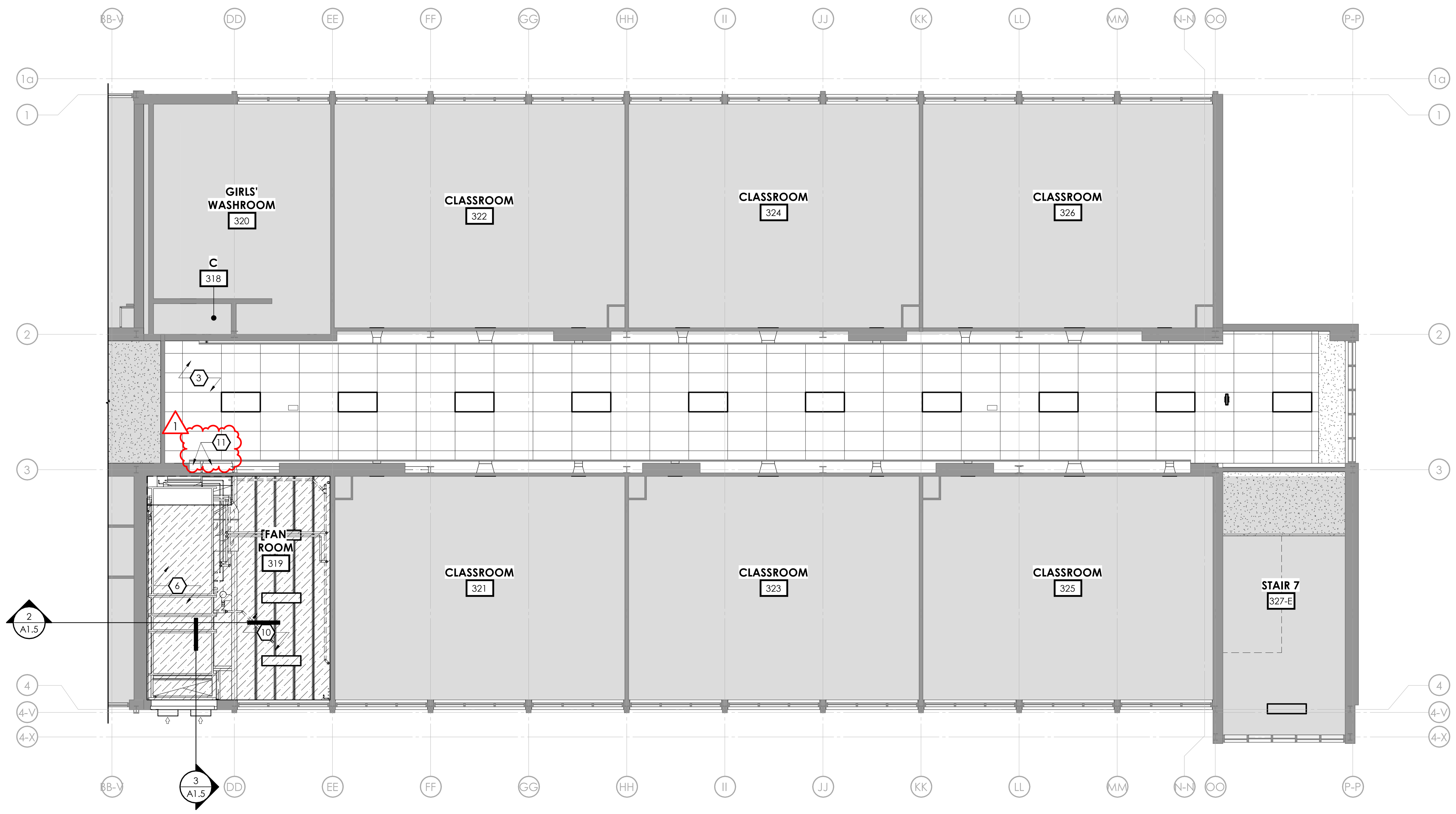
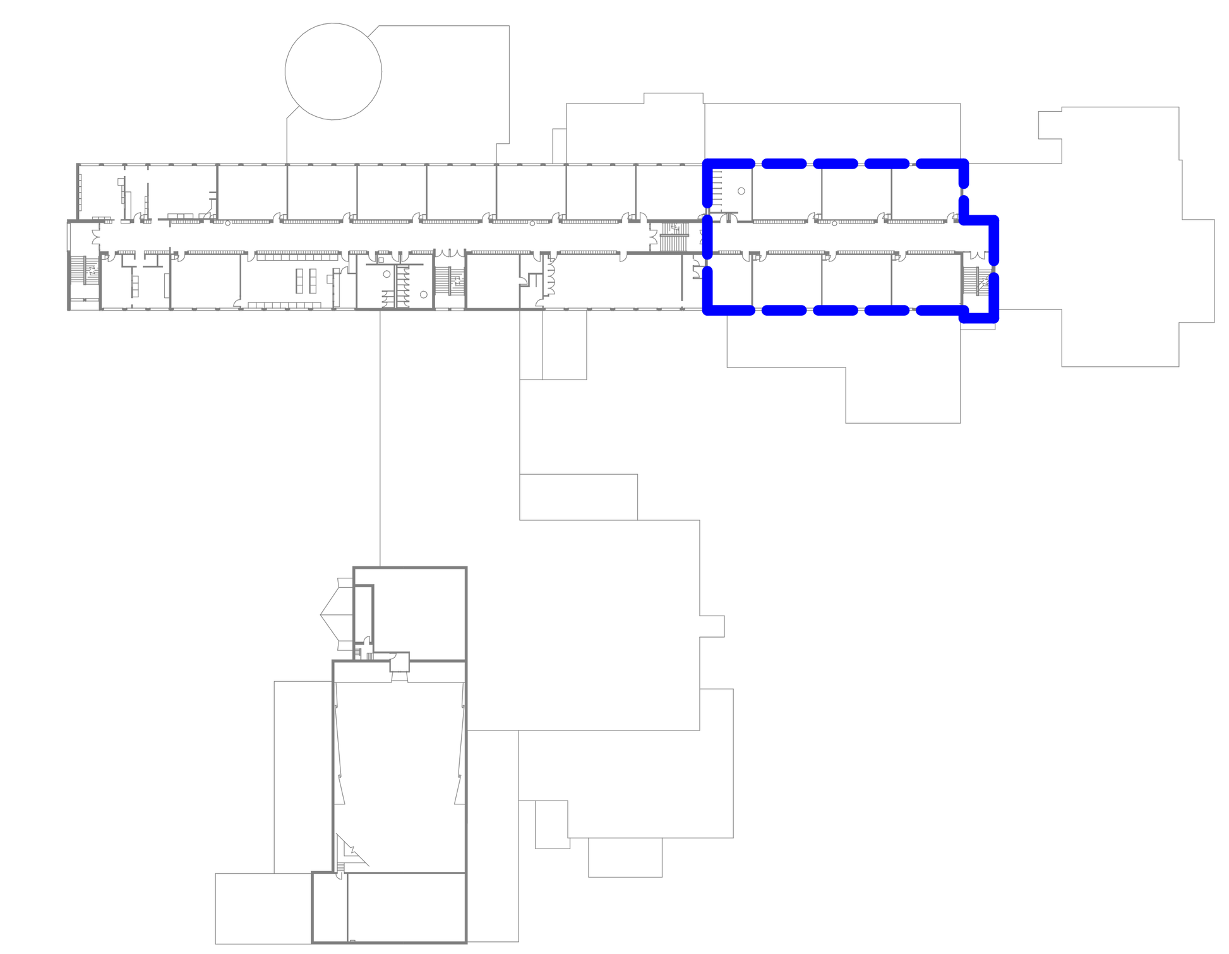




1
A1.6

HVAC - WING 'A' 300 LEVEL LOWER - REFLECTED CEILING PLAN

1 : 100



WING A LOWER 300 LEVEL

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THE CONTRACTOR MUST VERIFY ALL DIMENSIONS ON SITE AND REPORT ANY DISCREPANCIES TO THE ARCHITECT, BEFORE PROCEEDING WITH THE WORK.

DRAWINGS ARE NOT TO BE SCALED.

No.	REVISIONS	DATE
1	ADDENDUM 03	2026.03.23

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CHRONOLOGY	DATE
ISSUED FOR PERMIT/TENDER	2026.03.03
ISSUED FOR COORDINATION	2026.02.26

RCP KEYNOTES

1. EXISTING LIGHTING TO REMAIN. CONTRACTOR TO SAFELY SUSPEND OR DISCONNECT LIGHTING FOR THE DURATION OF THE CEILING REMOVAL SCOPE AND REINSTALL IN NEW CEILING.
2. REFER TO ELECTRICAL DRAWINGS FOR RELOCATION OF ELECTRICAL SERVICES AFFECTED BY CEILING HEIGHT DECREASE.
3. REPLACE REMOVED ACOUSTIC CEILING TILES WITH NEW ACOUSTIC CEILING TILES TO MATCH ADJACENT CEILING. (Revision 1)
4. REFER TO ELECTRICAL DRAWINGS FOR ANY/ALL SCOPE RELATED TO NEW LIGHTING AND/OR ELECTRICAL FIXTURES, THIS ROOM.
5. PROVIDE CONTINUOUS 1HR FIRE SPRAY ON THE U/S OF ROOF DECK AND ALL STEEL ROOF STRUCTURE.
6. REFER TO MECHANICAL DRAWINGS FOR INSTALLATION OF NEW AHU. CONFER WITH DESIGNER AND WDE (STRUCTURAL) FOR ANY WALLS THAT REQUIRE MODIFICATION TO SUIT NEW DUCTWORK.
7. NEW AIR CONDITIONING UNIT. REFER TO MECHANICAL DRAWINGS. PATCH AND REPAIR ASSEMBLIES AFFECTED BY INSTALLATION. ALL VISIBLE SURFACES AFFECTED TO BE RE-FINISHED TO MATCH EXISTING ADJACENT FINISHES.
8. GYPSUM BOARD CEILING @ U/S OF JOISTS SUPPORTING FAN RM.319 FLOOR TO BE PATCHED AND REPAIRED AS A FIRE SEPARATION. PENETRATION THROUGH FLOOR FOR FLOOR DRAIN TO BE CONTINUOUSLY FIRE-STOPPED / FIRE-CAULKED, BOTH ABOVE AND BELOW FLOOR.
9. NEW 2400x3250 INTAKE LOUVER, REFER TO MECHANICAL DRAWINGS. LOUVER SHALL BE RATED FOR WIND AND GUARD LOADS. PROVIDE INSULATED BACK PAN FOR PORTIONS OF LOUVER OUTSIDE OF INTAKE DUCT AREA. SITE VERIFY AREA OF OPENING PRIOR TO MANUFACTURING.
10. PROVIDE CONTINUOUS 1HR FIRE SPRAY ON THE U/S OF THE ROOF DECK AND ALL STEEL ROOF STRUCTURE IN FAN ROOM 319, COMPLETE.
11. INFILL WALL OPENINGS AS REQUIRED FOLLOWING NEW DUCT INSTALLATION WITH CONSTRUCTION TO MATCH EXISTING WALL ASSEMBLY AND MAINTAIN INTEGRITY OF EXISTING FIRE SEPARATION. PROVIDE FIRE STOPPING AT EXTENTS OF DUCT OPENINGS. REFER TO MECH. DWGS. FOR MORE INFORMATION. (Revision 1)

NOTE: NOT ALL KEYNOTES APPLY TO EVERY DRAWING.

RCP LEGEND

- EXISTING WALL TO REMAIN (SHOWN SHADED)
- DENOTES EXISTING BUILDING
- DENOTES AREA N.I.C. UNLESS NOTED OTHERWISE
- EXISTING GYPSUM BOARD CEILING TO REMAIN
- FIRE RETARDANT SPRAY ON UNDERSIDE OF DECK AND ALL SUPPORTING STRUCTURE IN THEIR ENTIRETY
- EXISTING ACOUSTIC CEILING TILE SUSPENDED CEILING TO REMAIN
- ACOUSTIC CEILING TILES AND SUSPENDED CEILING TILE GRID
- 610x610 AND 610x1220 RECESSED LIGHT FIXTURE (REFER TO ELECTRICAL DWGS.)
- SUSPENDED OR SURFACE MOUNT LIGHT FIXTURE (REFER TO ELECTRICAL DWGS.)
- POT LIGHT (REFER TO ELECTRICAL DWGS.)
- EXHAUST FAN (REFER TO MECHANICAL DWGS.)
- SUPPLY AIR DIFFUSERS (REFER TO MECHANICAL DWGS.)
- 2450 CEILING HEIGHT TAG

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101 Randall Drive, Unit B, Waterloo ON. TEL 519 884 2711 www.abarchitect.ca

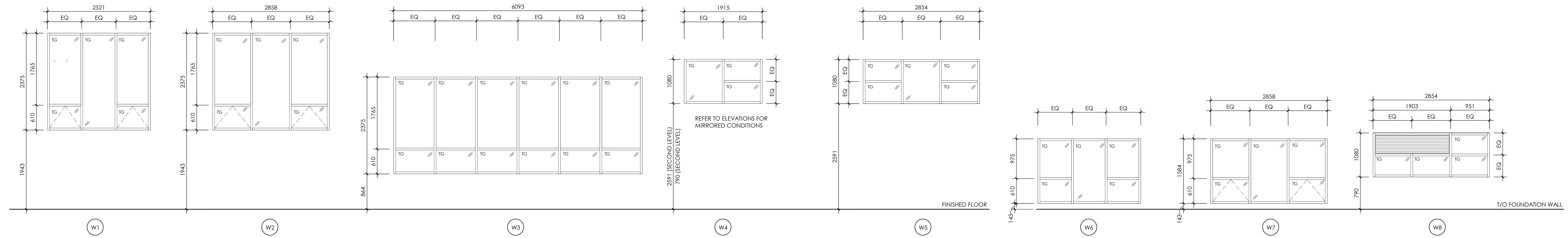
CLIENT
WATERLOO REGION DISTRICT SCHOOL BOARD

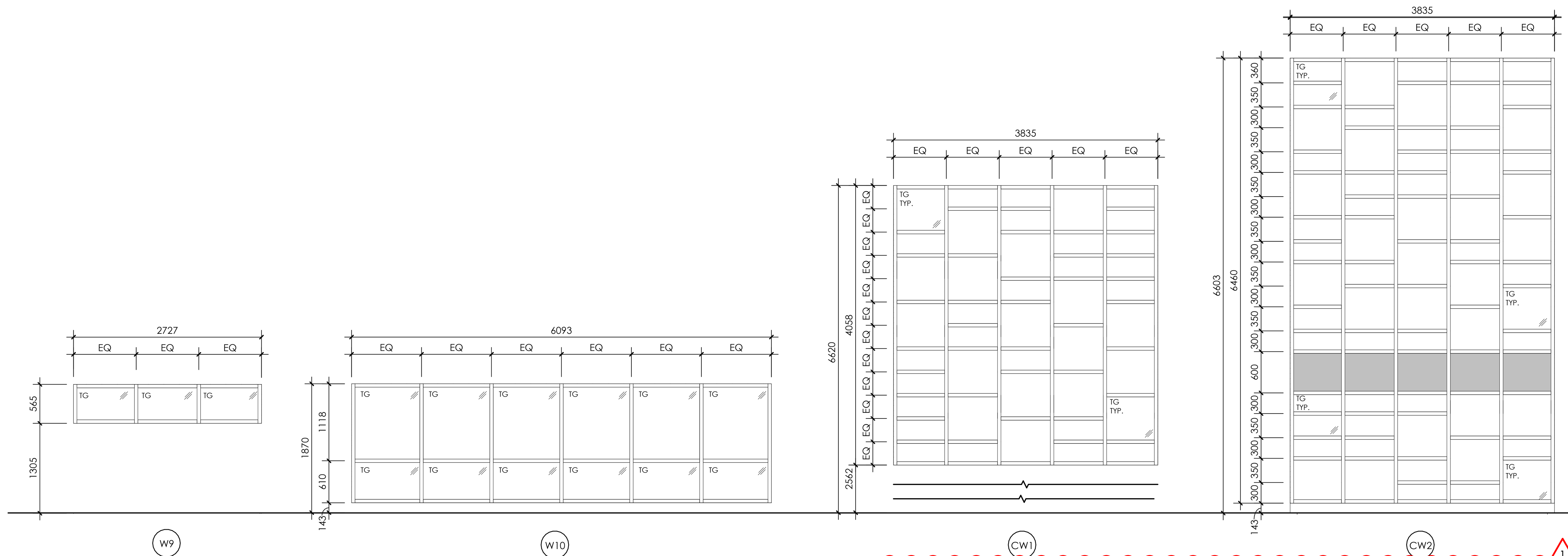
PROJECT NAME
WATERLOO COLLEGIATE INSTITUTE HVAC AND EXTERIOR UPGRADES PHASE 2
300 HAZEL STREET, WATERLOO, ON. N2L 3P2

DRAWING TITLE
HVAC - WING 'A' LOWER 300 LEVEL - REFLECTED CEILING PLAN

SCALE	DRAWING NUMBER
As indicated	A1.6
SHEET SIZE: 609 x 914	
PROJECT NUMBER: 2025-153	

WINDOW AND CURTAIN WALL TYPE ELEVATIONS





CURTAIN WALL & CLADDING NOTES:

1. CONTRACTOR TO CONFIRM ROUGH OPENING SIZES ON SITE AND PROVIDE SHOP DRAWINGS FOR APPROVAL.
2. CONNECTIONS SHOWN ON THE DRAWINGS ARE PROVIDED FOR DESIGN INTENT ONLY. THE CURTAIN WALL MANUFACTURER SHALL SUBMIT SHOP DRAWINGS, SEALED BY A PROFESSIONAL ENGINEER LICENSED IN ONTARIO, SHOWING ALL REACTIONS APPLIED TO THE EXISTING CONCRETE SLAB EDGE. ALL CURTAIN WALL CONNECTIONS TO THE BASE STRUCTURE SHALL BE SUBMITTED FOR REVIEW BY THE STRUCTURAL ENGINEER.
3. GLASS PANELS AT FLOOR LEVELS SHALL BE DESIGNED TO ACT AS GUARDS AND BE CAPABLE OF WITHSTANDING LATERAL LOADS IN ACCORDANCE WITH THE ONTARIO BUILDING CODE 2024.

1

ALL ASSEMBLIES, DESIGNATED AS WINDOW AND CURTAIN WALL, THIS SHEET, TO BE THERMALLY-BROKEN, CLEAR ANODIZED ALUMINUM CURTAIN WALL FRAME c/w INSULATED GLAZED UNITS AND INTERNAL MULLION BARS. CONTRACTOR TO PROVIDE NEW EXTRUDED ALUMINUM SILL, BACKER ROD, CAULKING, AND ALL ACCESSORIES NECESSARY FOR PROPER INSULATION.

No.	REVISIONS	DATE
1	ADDENDUM 03	2026.03.23

***IMPORTANT NOTE TO ALL CONTRACTORS/SUB-CONTRACTORS:**

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CHRONOLOGY	DATE
ISSUED FOR PERMIT/TENDER	2026.03.03
ISSUED FOR COORDINATION	2026.02.26

a b a architects inc.

CLIENT

WATERLOO REGION DISTRICT SCHOOL BOARD

PROJECT NAME

WATERLOO COLLEGIATE INSTITUTE HVAC AND EXTERIOR UPGRADES PHASE 2

300 HAZEL STREET, WATERLOO, ON. N2L 3P2

DRAWING TITLE

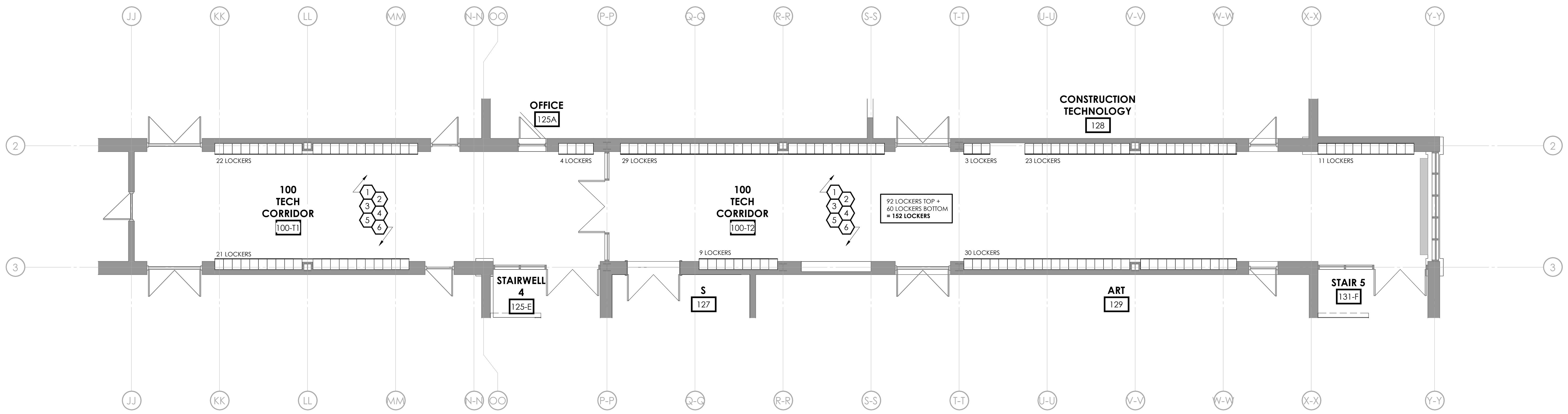
WINDOW REPLACEMENT - WINDOW & CURTAIN WALL SCHEDULES

SCALE: 1 : 50

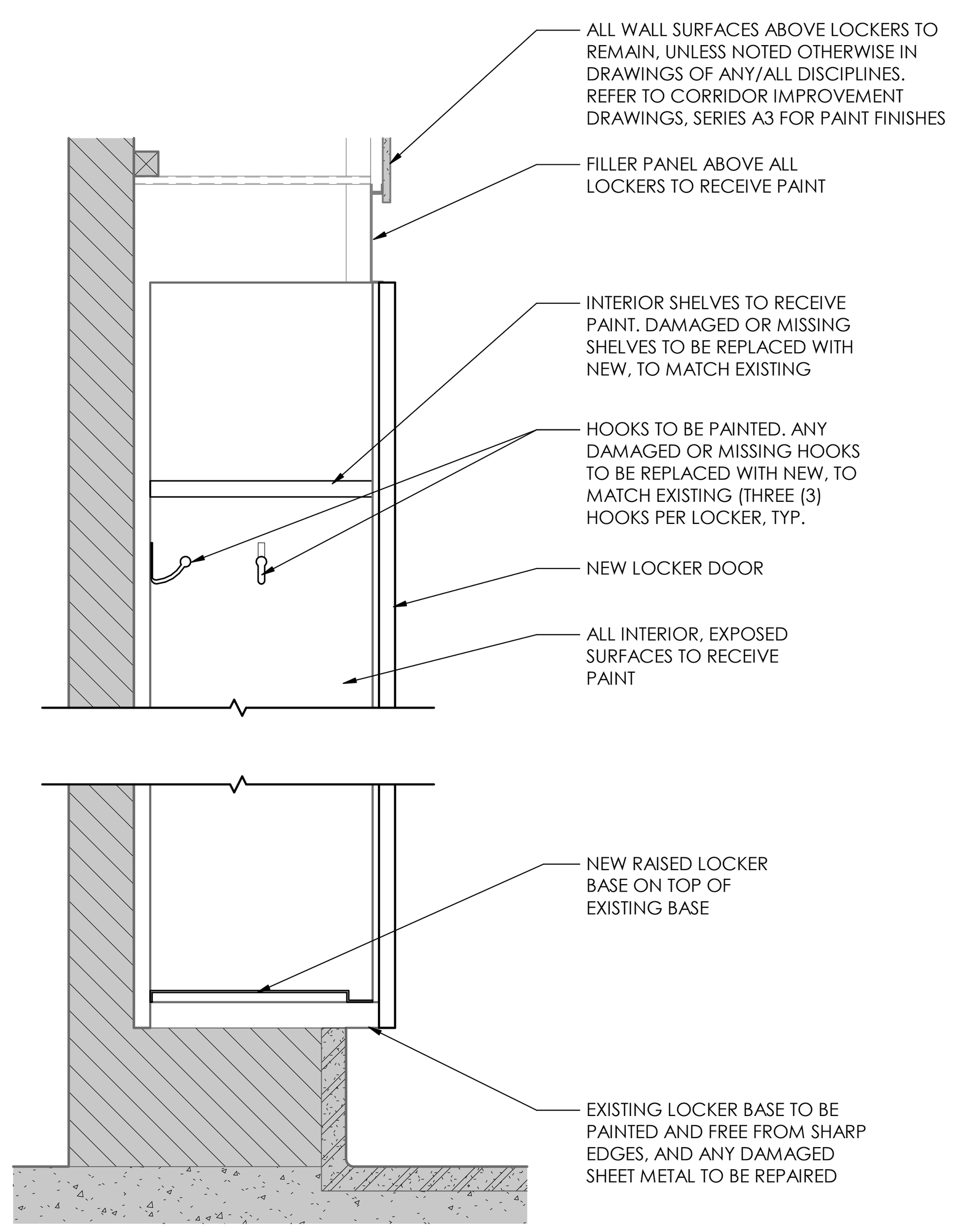
SHEET SIZE: 609 x 914

PROJECT NUMBER: 2025-153

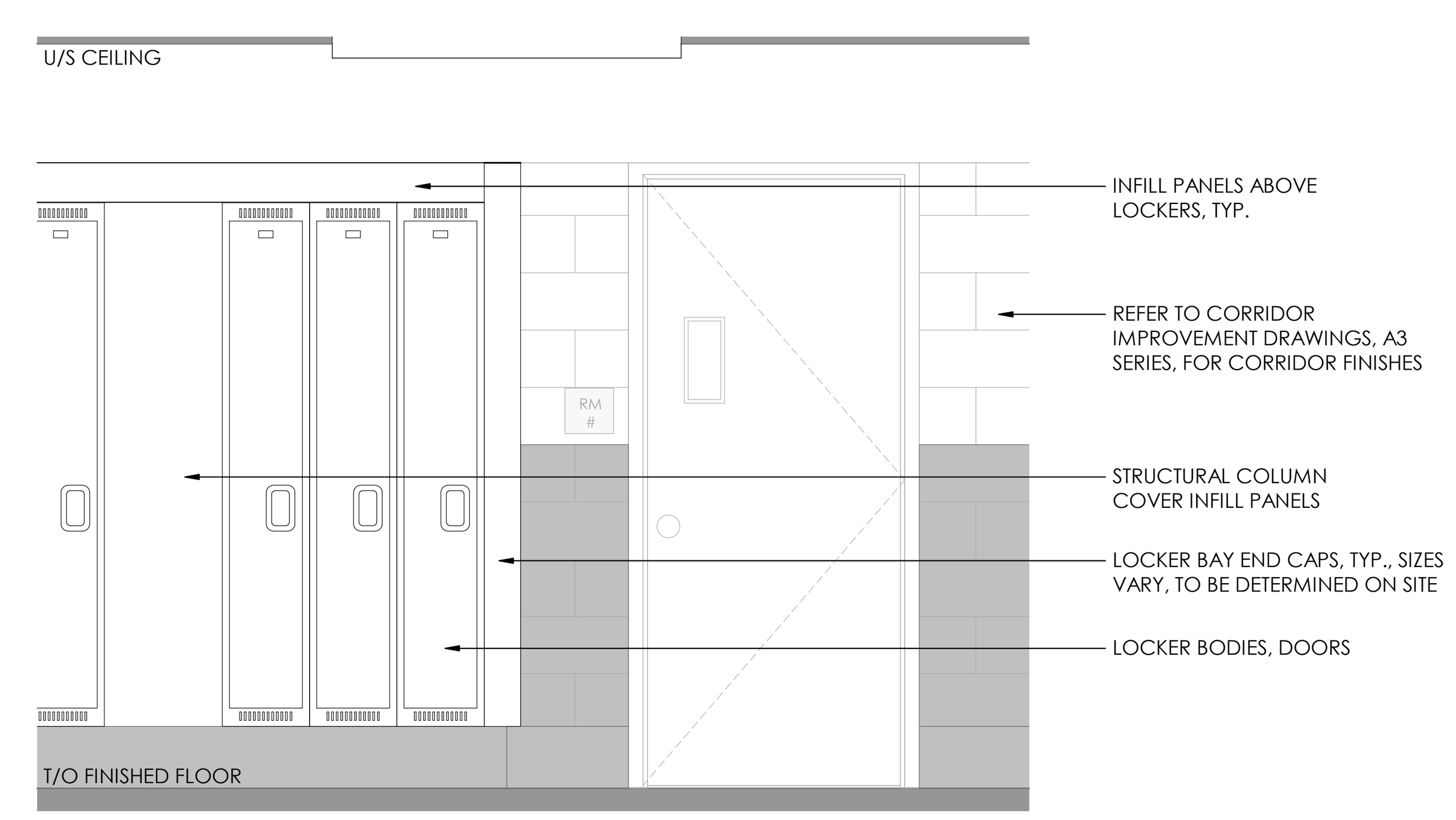
DRAWING NUMBER: A2.5



1 / A4.1 LOCKER IMPROVEMENTS - TECH WING 100 LEVEL — 1 : 100



2 / A4.1 TYPICAL LOCKER DETAIL — 1 : 10



3 / A4.1 TYPICAL LOCKER IMPROVEMENT ELEVATION — 1 : 25

LOCKER GENERAL NOTES

1. QUANTITY OF LOCKERS INDICATED ON PLANS IS FOR REFERENCE ONLY, CONTRACTOR TO CONFIRM NUMBER OF LOCKERS ON SITE. CONFER WITH DESIGNER IF ANY UNANTICIPATED, IRREPARABLE COMPONENTS OF THE LOCKER BAYS ARE IDENTIFIED.
2. ELECTROSTATIC PAINT FINISH TO MATCH EXISTING BLUE FINISH ON PREVIOUSLY RE-FINISHED LOCKERS THROUGHOUT SCHOOL. (1)

LOCKER KEYNOTES

1. EXISTING TO REMAIN LOCKER BODIES, INCLUDING SHELVES, EXPOSED INTERIOR, EXTERIOR, AND ALL FILLER PANELS, TO RECEIVE NEW ELECTROSTATIC PAINT FINISH. (1)
2. ALL LOCKERS MISSING HOOKS TO RECEIVE NEW HOOKS. STYLE AND LOCATION / HEIGHT TO MATCH EXISTING. REFER TO SPECIFICATIONS.
3. REMOVE AND DISPOSE OF EXISTING LOCKER DOORS. NEW LOCKER DOORS TO BE INSTALLED ON ALL EXISTING LOCKER BODIES. CONTRACTOR TO SITE VERIFY LOCKER SIZES PRIOR TO ORDERING. STYLE AND COLOUR TO MATCH LOCKER DOORS IN CORRIDOR OF WING 'A' UPPER 300 LEVEL. (1)
4. ALL LOCKERS TO RECEIVE NEW RAISED BASE PANS OVER EXISTING BASE. COLOUR TO MATCH NEW LOCKER FINISH.
5. ALL SHEET METAL INFILL PANELS OVER COLUMN LOCATIONS, ABOVE LOCKERS, AND AT LOCKER BAY END CAPS, TO RECEIVE NEW ELECTROSTATIC PAINT FINISH. COLOUR TO MATCH NEW LOCKER FINISH. (1)
6. ALL NEW LOCKERS TO MATCH EXISTING LOCKER NUMBERING AS VERIFIED BY THE SCHOOL BOARD. MANUFACTURER TO NOTE ALL EXISTING LOCKER NUMBERS FOR MATCHING AT INSTALLATION.

PROJECT NORTH

No.	REVISIONS	DATE
1	ADDENDUM 03	2026.03.23

***IMPORTANT NOTE TO ALL CONTRACTORS/SUB-CONTRACTORS:**

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ISSUED FOR PERMIT/TENDER	2026.03.03
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CLIENT: WATERLOO REGION DISTRICT SCHOOL BOARD

PROJECT NAME: WATERLOO COLLEGIATE INSTITUTE HVAC AND EXTERIOR UPGRADES PHASE 2
300 HAZEL STREET, WATERLOO, ON. N2L 3P2

DRAWING TITLE: LOCKER IMPROVEMENTS - TECH WING 100 LEVEL

SCALE	As indicated
SHEET SIZE	609 x 914
PROJECT NUMBER	2025-153
DRAWING NUMBER	A4.1

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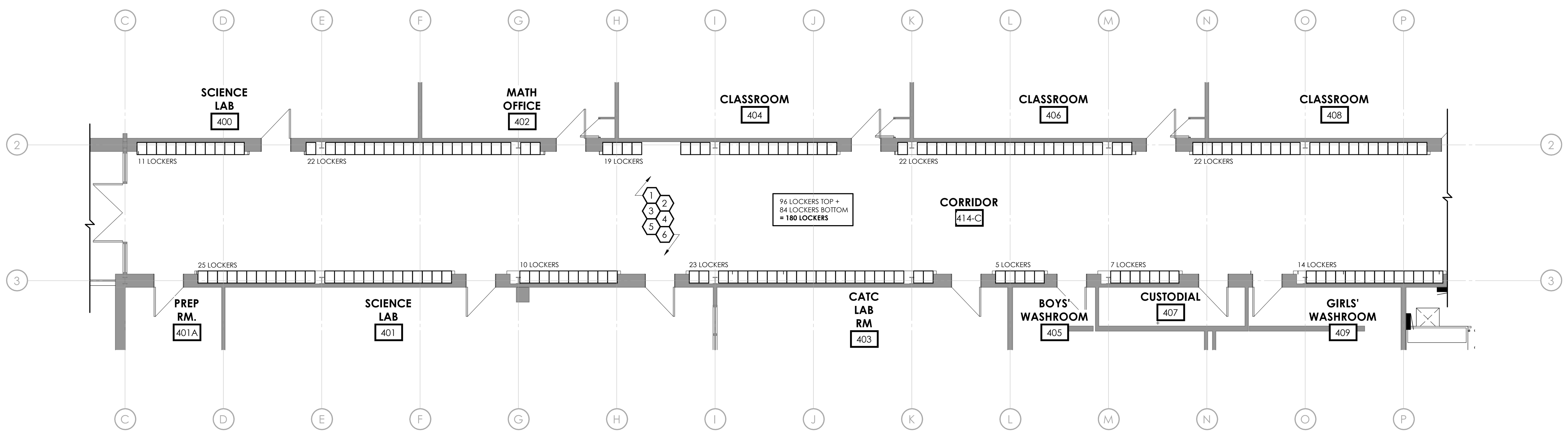
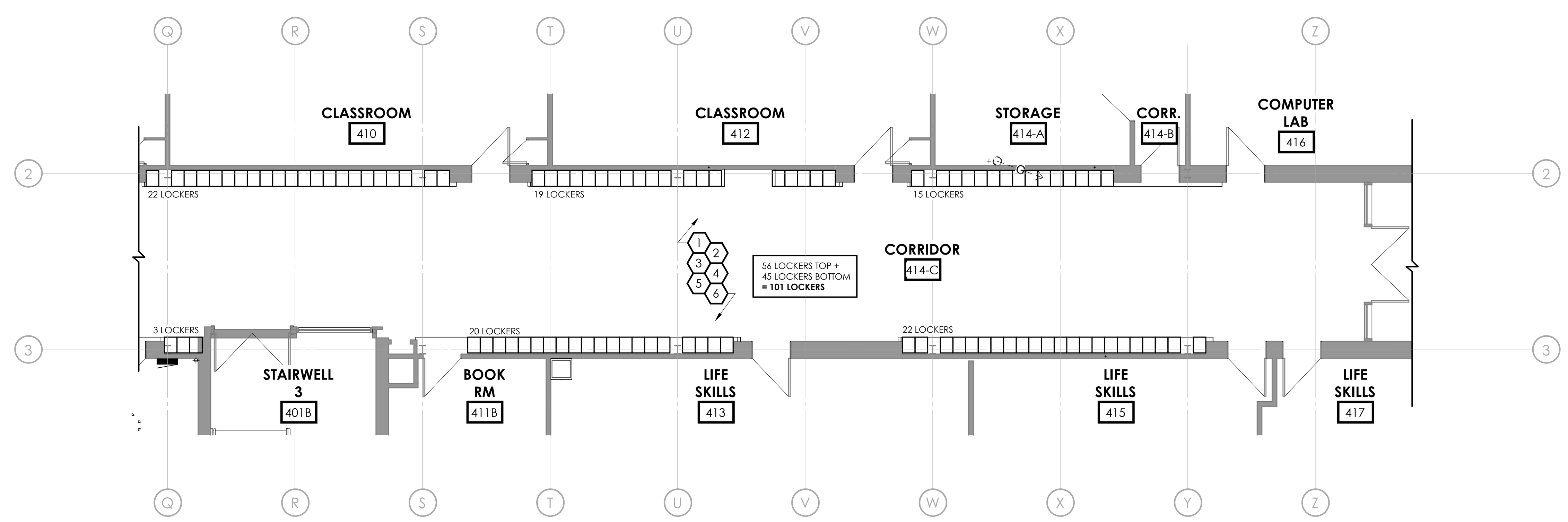
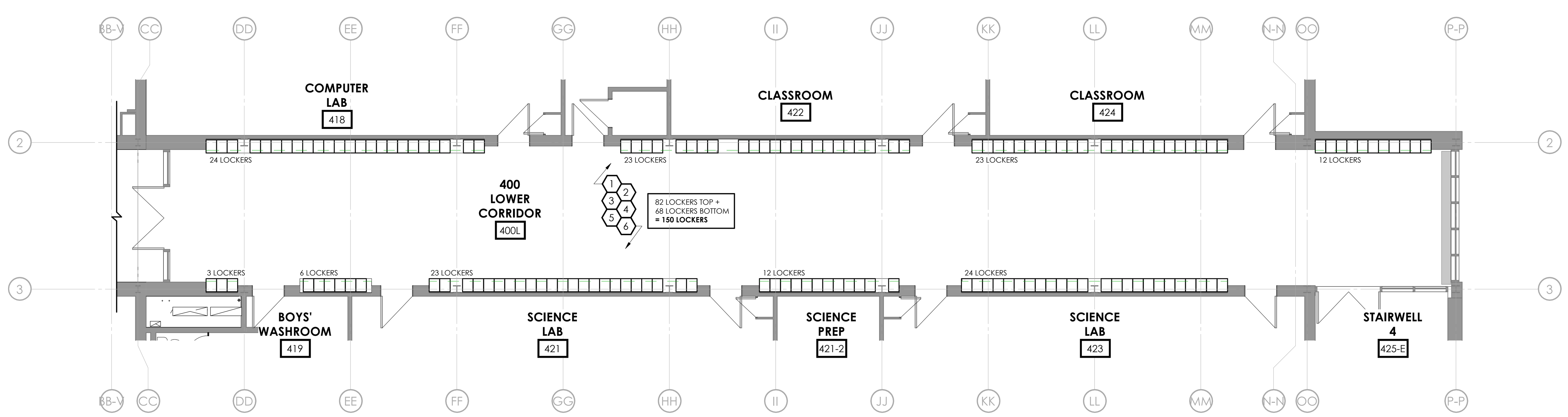


1 A4.2 LOCKER IMPROVEMENTS - WING A 400 LEVEL UPPER - WEST
1 : 100



2 A4.2 LOCKER IMPROVEMENTS - WING A 400 LEVEL UPPER - EAST
1 : 100



3 A4.2 LOCKER IMPROVEMENTS - WING A 400 LEVEL LOWER
1 : 100

LOCKER GENERAL NOTES

1. QUANTITY OF LOCKERS INDICATED ON PLANS IS FOR REFERENCE ONLY, CONTRACTOR TO CONFIRM NUMBER OF LOCKERS ON SITE. CONFER WITH DESIGNER IF ANY UNANTICIPATED, IRREPARABLE COMPONENTS OF THE LOCKER BAYS ARE IDENTIFIED.
2. ELECTROSTATIC PAINT FINISH TO MATCH EXISTING BLUE FINISH ON PREVIOUSLY RE-FINISHED LOCKERS THROUGHOUT SCHOOL. (1)

LOCKER KEYNOTES

1. EXISTING TO REMAIN LOCKER BODIES, INCLUDING SHELVES, EXPOSED INTERIOR, EXTERIOR, AND ALL FILLER PANELS, TO RECEIVE NEW ELECTROSTATIC PAINT FINISH. (1)
2. ALL LOCKERS MISSING HOOKS TO RECEIVE NEW HOOKS. STYLE AND LOCATION / HEIGHT TO MATCH EXISTING. REFER TO SPECIFICATIONS. (1)
3. REMOVE AND DISPOSE OF EXISTING LOCKER DOORS. NEW LOCKER DOORS TO BE INSTALLED ON ALL EXISTING LOCKER BODIES. CONTRACTOR TO SITE VERIFY LOCKER SIZES PRIOR TO ORDERING. STYLE AND COLOUR TO MATCH LOCKER DOORS IN CORRIDOR OF WING 'A' UPPER 300 LEVEL.
4. ALL LOCKERS TO RECEIVE NEW RAISED BASE PANS OVER EXISTING BASE. COLOUR TO MATCH NEW LOCKER FINISH.
5. ALL SHEET METAL INFILL PANELS OVER COLUMN LOCATIONS, ABOVE LOCKERS, AND AT LOCKER BAY END CAPS, TO RECEIVE NEW ELECTROSTATIC PAINT FINISH. COLOUR TO MATCH NEW LOCKER FINISH. (1)
6. ALL NEW LOCKERS TO MATCH EXISTING LOCKER NUMBERING AS VERIFIED BY THE SCHOOL BOARD. MANUFACTURER TO NOTE ALL EXISTING LOCKER NUMBERS FOR MATCHING AT INSTALLATION.

No.	REVISIONS	DATE
1	ADDENDUM 03	2026.03.23

***IMPORTANT NOTE TO ALL CONTRACTORS/SUB-CONTRACTORS:**

THIS SCOPE OF WORK CONTAINS ASBESTOS CONTAINING MATERIALS (ACM). ALL CONTRACTORS SHALL REFER TO THE ASBESTOS AUDIT AND SECTION 01 35 43, HAZARDOUS MATERIALS FOR APPROPRIATE PROTOCOLS THAT MUST BE FOLLOWED, REGARDLESS OF ABATEMENT OPERATIONS BEING CONDUCTED OR NOT.

CHRONOLOGY	DATE
ISSUED FOR PERMIT/TENDER	2026.03.03
ISSUED FOR COORDINATION	2026.02.26

aba architects inc.
101 Randall Drive, Unit B, Waterloo ON. TEL 519 884 2711 www.abarchitect.ca

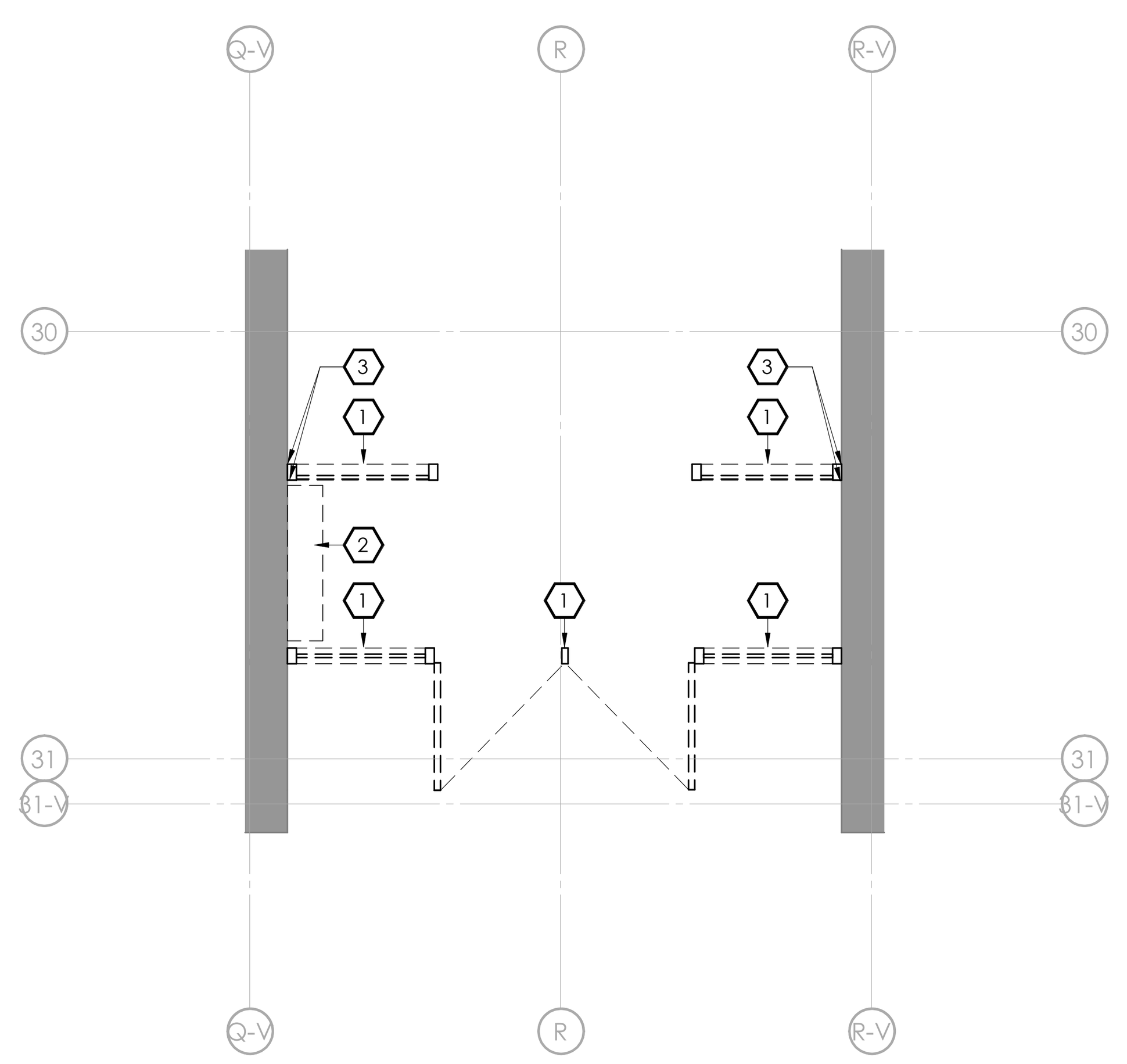
CLIENT: WATERLOO REGION DISTRICT SCHOOL BOARD

PROJECT NAME: WATERLOO COLLEGIATE INSTITUTE HVAC AND EXTERIOR UPGRADES PHASE 2
300 HAZEL STREET, WATERLOO, ON. N2L 3P2

DRAWING TITLE: LOCKER IMPROVEMENTS - WING 'A' UPPER & LOWER 400 LEVEL

SCALE: As indicated
SHEET SIZE: 609 x 914
PROJECT NUMBER: 2025-153
DRAWING NUMBER: A4.2

2026-03-23 4:35:35 PM C:\Users\SeanH\Documents\2025-153 WCI HVAC & Ext Upgrades Ph 2_Central_shabermehl@abarchitect.ca.rvt



1 A5.1 WING C - ENLARGED DEMOLITION PLAN - VESTIBULE G-30

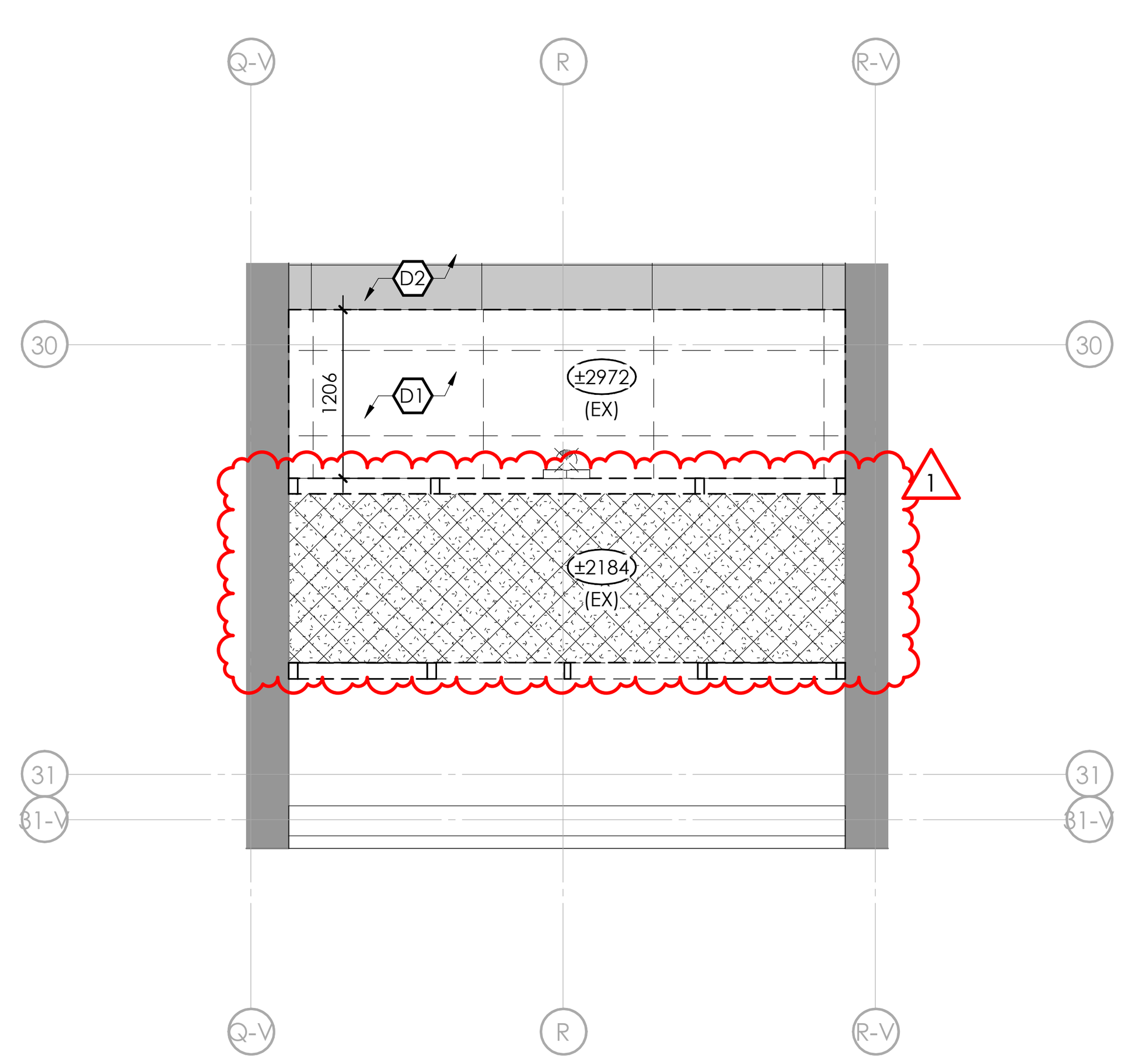
1 : 50

DEMOLITION KEYNOTES

1. DEMOLISH EXISTING SCREEN ASSEMBLIES, DOORS AND ALL ASSOCIATED HARDWARE IN THEIR ENTIRETY AND REMOVE FROM SITE. PATCH AND REPAIR AFFECTED SURFACES TO REMAIN TO MATCH EXISTING.
2. EXISTING RADIATOR TO REMAIN. SITE VERIFY AS REQUIRED.
3. EXISTING CAULKING TO BE REMOVED FROM BRICK. IF SANDBLASTING DOES NOT WORK, REFER TO A5.2 FOR ALTERNATIVE SOLUTION.

DEMOLITION PLAN LEGEND

- EXISTING WALL TO REMAIN (SHOWN SHADED)
- EXISTING ASSEMBLY TO BE DEMOLISHED
- DENOTES EXISTING BUILDING
- DENOTES AREA N.I.C. UNLESS NOTED OTHERWISE



2 A5.1 WING C - ENLARGED DEMOLITION RCP - VESTIBULE G-30

1 : 50

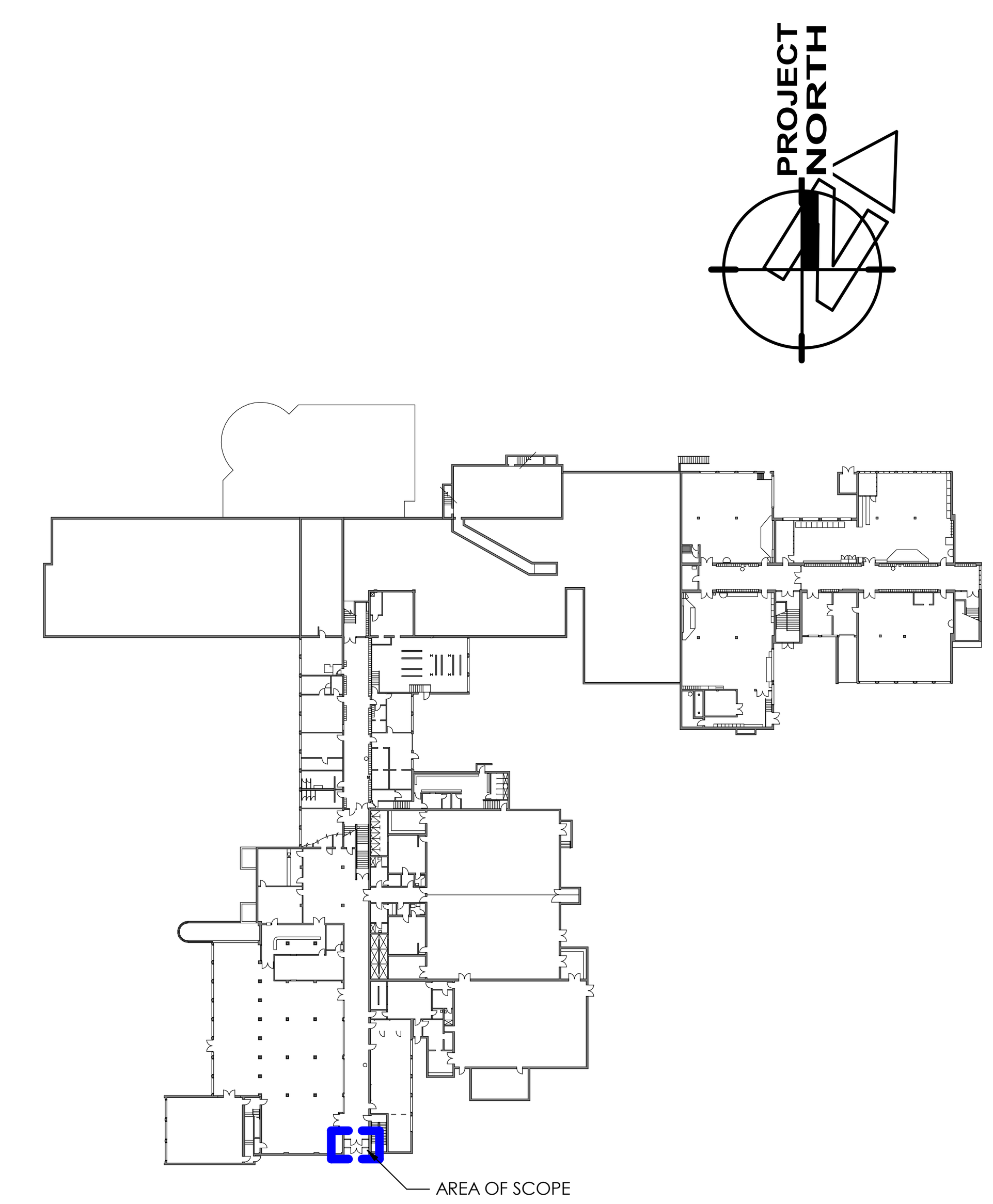
DEMOLITION RCP KEYNOTES

D1. DEMOLISH DIMENSIONED PORTION OF EXISTING CEILING IN IT'S ENTIRETY. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR FULL SCOPE OF REMOVAL, REUSE, REROUTING OR DECOMMISSIONING OF EXISTING SERVICES. STORE CEILING TILES STILL IN GOOD CONDITION, UP TO 10% OF TILES, IN A SAFE, DRY LOCATION. CONFER WITH OWNER IF REQUIRED FOR STORAGE LOCATION. REFER TO ASBESTOS AUDIT REPORT PRIOR TO ANY CEILING DEMOLITION.

D2. EXISTING CEILING TO REMAIN. PATCH AND REPAIR CEILING AS REQUIRED WHERE AFFECTED BY ADJACENT DEMOLITIONS.

DEMOLITION RCP LEGEND

- EXISTING WALL TO REMAIN (SHOWN SHADED)
- DENOTES EXISTING BUILDING
- DENOTES AREA N.I.C. UNLESS NOTED OTHERWISE
- EXISTING GYPSUM BOARD CEILING TO REMAIN
- EXISTING GYPSUM BOARD CEILING, AND ANY/ALL FURRING STRIPS OR SUSPENSION SYSTEM, TO BE DEMOLISHED
- EXISTING LATHE AND PLASTER CEILING, AND ANY/ALL FURRING STRIPS OR SUSPENSION SYSTEM, TO BE DEMOLISHED
- EXISTING ACOUSTIC CEILING TILE SUSPENDED CEILING TO REMAIN
- APPROXIMATE EXTENT OF EXISTING ACOUSTIC CEILING TILES AND SUSPENDED CEILING TILE GRID TO BE REMOVED AS REQUIRED TO PERFORM HVAC RENOVATION. REPLACE REMOVED SUSPENDED CEILING TILE GRID AND ACOUSTIC CEILING TILES w/ NEW TO MATCH ADJACENT CEILING. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS
- EXISTING 610x1220 OR 610x610 ACOUSTIC CEILING TILE SUSPENDED CEILING AND T-BAR GRID SYSTEM TO BE REMOVED COMPLETE
- EXISTING 305x305 CEILING TILE, COMPLETE WITH BACKING SUBSTRATE AND FURRING STRIPS/SUSPENSION SYSTEM TO BE REMOVED COMPLETE
- EXISTING LIGHT TO BE REMOVED AND TURNED OVER TO THE OWNER. REFER TO ELECTRICAL DRAWINGS



WING C 100 LEVEL

THE CONTRACTOR MUST VERIFY ALL DIMENSIONS ON SITE AND REPORT ANY DISCREPANCIES TO THE ARCHITECT, BEFORE PROCEEDING WITH THE WORK.

DRAWINGS ARE NOT TO BE SCALED.

No.	REVISIONS	DATE
1	ADDENDUM 03	2026.03.23

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CHRONOLOGY	DATE
ISSUED FOR PERMIT/TENDER	2026.03.03
ISSUED FOR COORDINATION	2026.02.26

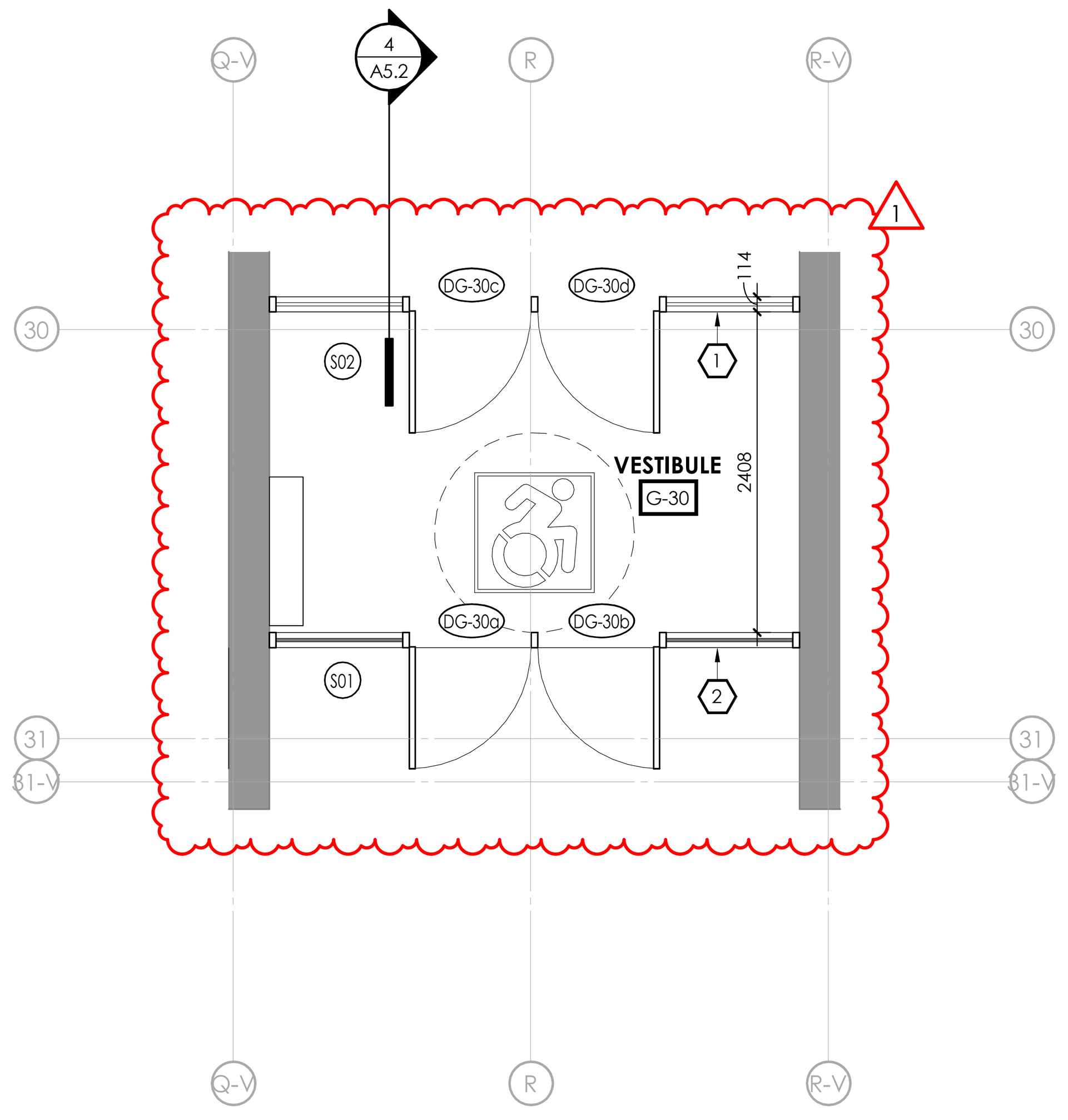
aba architects inc.
101 Randall Drive, Unit B, Waterloo ON. TEL 519 884 2711 www.abarchitect.ca

CLIENT: WATERLOO REGION DISTRICT SCHOOL BOARD

PROJECT NAME: WATERLOO COLLEGIATE INSTITUTE HVAC AND EXTERIOR UPGRADES PHASE 2
300 HAZEL STREET, WATERLOO, ON. N2L 3P2

DRAWING TITLE: WING 'C' VESTIBULE DOOR REPLACEMENT - DEMOLITION

SCALE: As indicated
SHEET SIZE: 609 x 914
PROJECT NUMBER: 2025-153
DRAWING NUMBER: A5.1



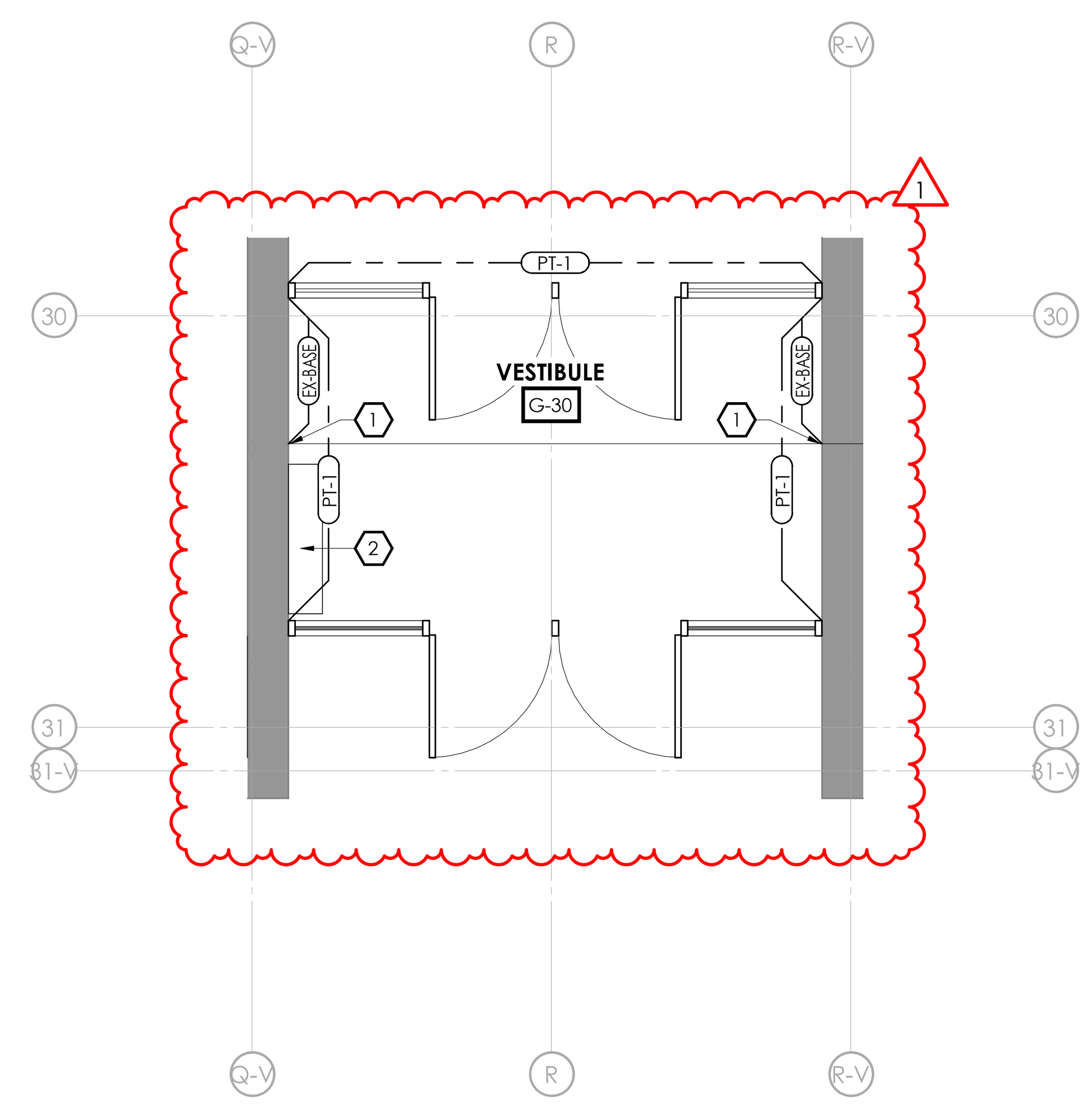
1 / A5.2 WING C - ENLARGED PLAN - VESTIBULE G-30
1 : 50

FLOOR PLAN KEYNOTES

1. APPROXIMATE LOCATION OF NEW SCREEN ASSEMBLY, SITE VERIFY LOCATION.
2. INSTALL NEW SCREEN ASSEMBLY IN SAME LOCATION AS PREVIOUS SCREEN ASSEMBLY, SITE VERIFY LOCATION AS REQUIRED.

FLOOR PLAN LEGEND

- EXISTING WALL TO REMAIN (SHOWN SHADED)
- PROPOSED WALL AS NOTED (REFER TO WALL SCHEDULE)
- EXISTING DOOR AND FRAME TO REMAIN
- PROPOSED DOOR AND FRAME AS NOTED (REFER TO DOOR SCHEDULE)
- EXISTING WINDOW AND FRAME TO REMAIN
- DENOTES EXISTING BUILDING TO REMAIN
- DENOTES AREA N.I.C. UNLESS NOTED OTHERWISE
- W– PROPOSED WALL TAG: (REFER TO WALL SCHEDULE)
- D– PROPOSED DOOR TAG: (REFER TO DOOR SCHEDULE)
- W– PROPOSED WINDOW TAG: (REFER TO WINDOW SCHEDULE)
- S– PROPOSED SCREEN TAG: (REFER TO SCREEN SCHEDULE)



2 / A5.2 WING C - ENLARGED FINISHES PLAN - VESTIBULE G-30
1 : 50

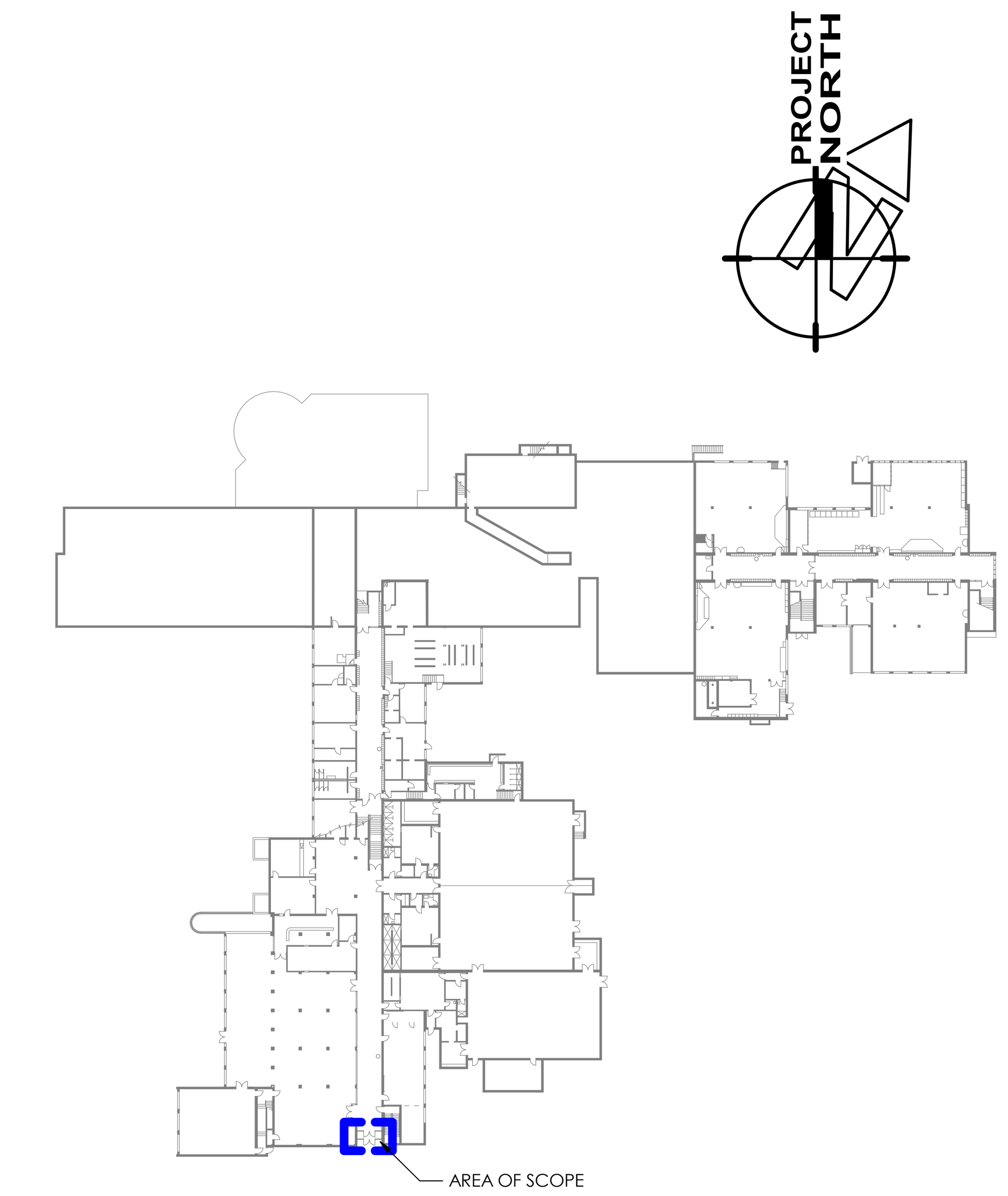
FINISH PLAN KEYNOTES

1. FINAL WALL CONDITION TO BE CONFIRMED FOLLOWING REMOVAL OF EXISTING SCREEN ASSEMBLY. WALL BASE TERMINATION TO BE INSTALLED AT EXTENT OF EXISTING WALL BASE. IF UNABLE TO COMPLETELY REMOVE CAULKING, ALTERNATIVE 152 WIDE ANODIZED ALUMINUM PLATE TO BE INSTALLED OVER TRANSITION BETWEEN BRICK AND CONCRETE BLOCK, ENSURING CAULKING AND WALL BLEMISHES ARE COVERED. SITE VERIFY AND COORDINATE WITH OWNER.
2. EXISTING RADIATOR COVER TO RECEIVE NEW PAINT FINISH TO MATCH NEW WALL PAINT FINISH.

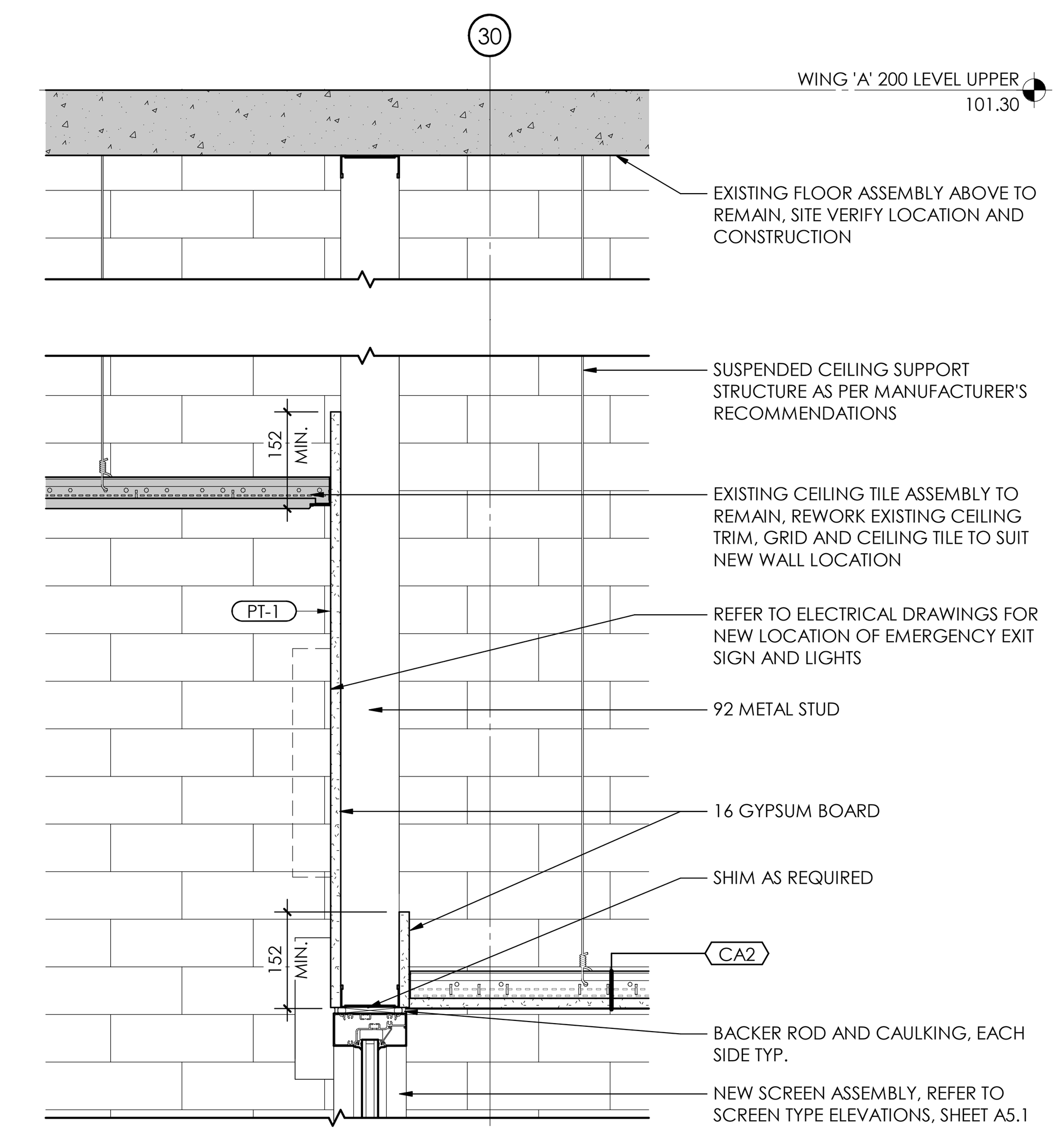
FINISH MATERIAL SPECIFICATIONS

PAINT

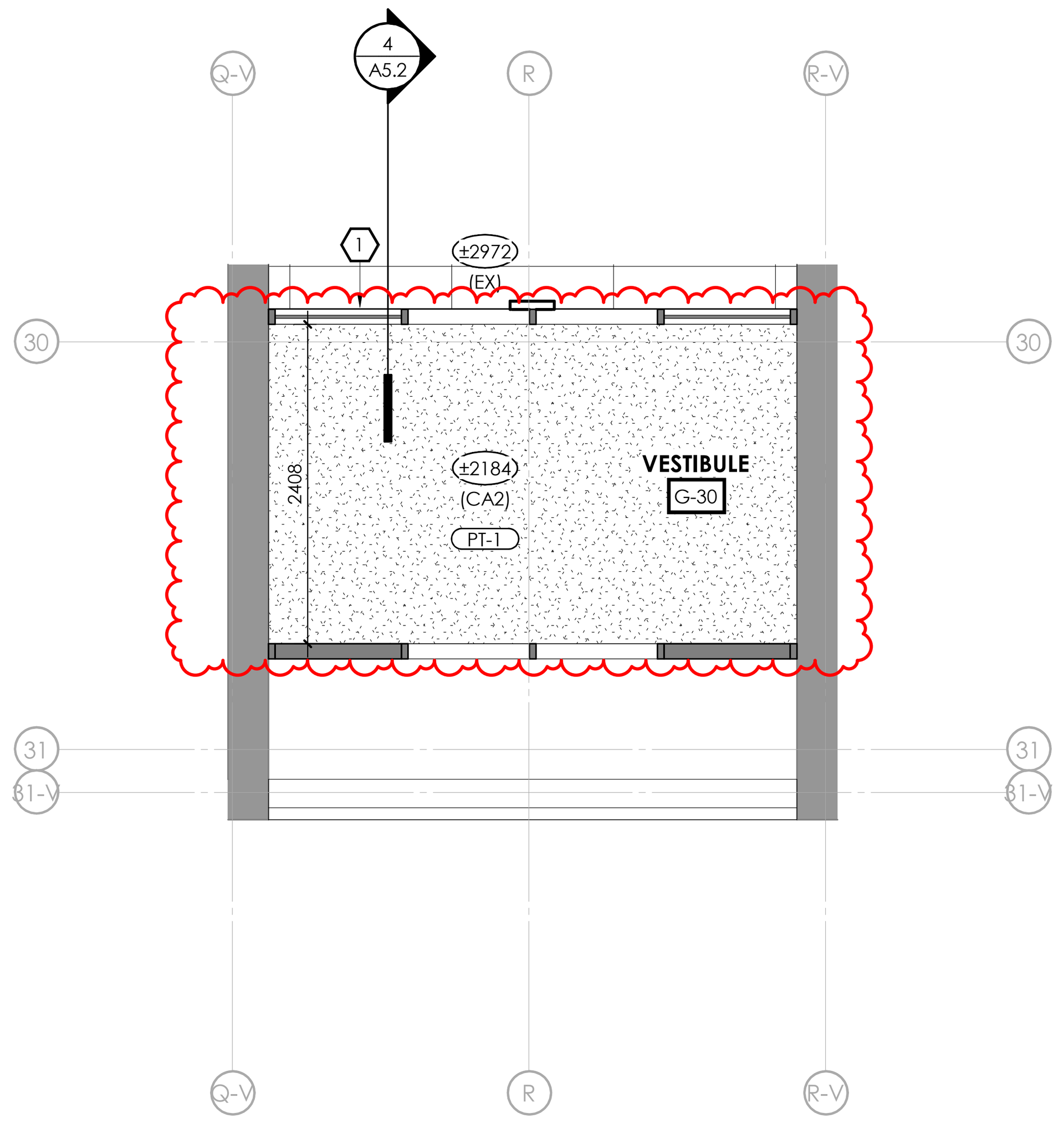
PT-1 — PT-1 (GENERAL WALL & CEILING COLOUR)
BENJAMIN MOORE
COLOUR: CC-20, DECORATOR'S WHITE
PRODUCT: BENJAMIN MOORE PRE-CATALYZED WATERBORNE EPOXY (OR APPROVED ALTERNATE BY DULUX OR SHERWIN WILLIAMS)
*EGGSHELL FINISH ON WALL APPLICATIONS IN CLASSROOMS (GLOSS LEVEL G3)
**SEMI-GLOSS FINISH ON WALL APPLICATIONS IN CORRIDORS (GLOSS LEVEL G5)
***FLAT FINISH AT CEILING APPLICATIONS (GLOSS LEVEL G1)
****PAINT TO BE APPLIED AROUND EXISTING WALL MOUNTED FIXTURES (TACKBOARDS, ETC.). EXISTING FIXTURES TO BE PROTECTED PRIOR TO PAINTING.



WING C 100 LEVEL



4 / A5.2 VESTIBULE G-30 - SECTION DETAIL
1 : 10



3 / A5.2 WING C - ENLARGED RCP - VESTIBULE G-30
1 : 50

RCP KEYNOTES

1. REWORK SUSPENDED CEILING GRID TO ACCOMMODATE NEW SCREEN/ WALL ASSEMBLY LOCATION.
2. RESERVED

RCP LEGEND

- EXISTING WALL TO REMAIN (SHOWN SHADED)
- DENOTES EXISTING BUILDING
- DENOTES AREA N.I.C. UNLESS NOTED OTHERWISE
- EXISTING GYPSUM BOARD CEILING TO REMAIN
- FIRE RETARDANT SPRAY ON UNDERSIDE OF DECK AND ALL SUPPORTING STRUCTURE IN THEIR ENTIRETY
- EXISTING ACOUSTIC CEILING TILE SUSPENDED CEILING TO REMAIN
- ACOUSTIC CEILING TILES AND SUSPENDED CEILING TILE GRID
- 610x610 AND 610x1220 RECESSED LIGHT FIXTURE (REFER TO ELECTRICAL DWGS.)
- SUSPENDED OR SURFACE MOUNT LIGHT FIXTURE (REFER TO ELECTRICAL DWGS.)
- POT LIGHT (REFER TO ELECTRICAL DWGS.)
- EXHAUST FAN (REFER TO MECHANICAL DWGS.)
- SUPPLY AIR DIFFUSERS (REFER TO MECHANICAL DWGS.)
- 2450 CEILING HEIGHT TAG

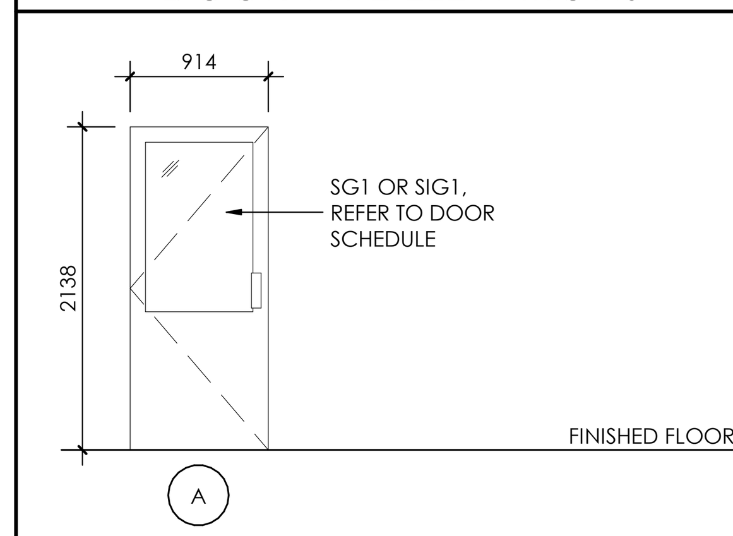
DOOR HARDWARE SCHEDULE

H1 VESTIBULE ENTRANCE (ALUMINUM DOOR)
- BUTT HINGES
- DOOR PULL/PUSH BAR
- CLOSER
- CYLINDER
- WEATHERSTRIPPING
- DOOR SWEEP
- ALUMINUM THRESHOLD

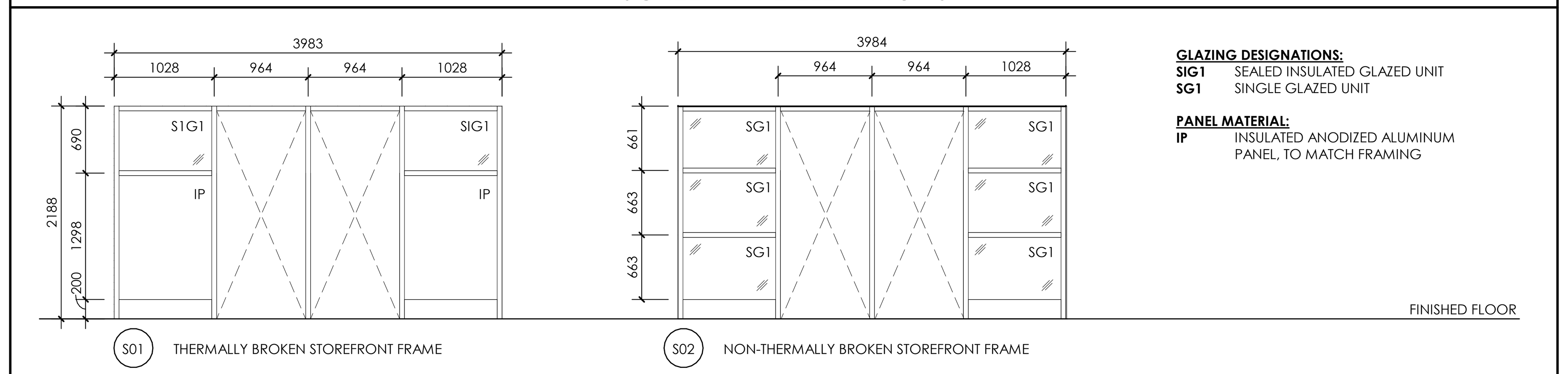
DOOR AND FRAME SCHEDULE

No.	F.R.R	DOOR ELEV.	DOOR SIZE	DOOR MATERIAL	DOOR FINISH	DOOR GLAZ.	FRAME ELEV.	FRAME SCREEN ELEV.	FRAME MATERIAL	FRAME FINISH	HWE. PKG	REMARKS
DOOR AND FRAME SCHEDULE - PHASE 2 (by MARK)												
DG-30a	--	A	914 X 2138	ALUM.	ANOD.	SIG1	-	S01	ALUM.	ANOD.	H1	
DG-30b	--	A	914 X 2138	ALUM.	ANOD.	SIG1	-	S01	ALUM.	ANOD.	H1	
DG-30c	--	A	914 X 2138	ALUM.	ANOD.	SG1	-	S02	ALUM.	ANOD.	H1	
DG-30d	--	A	914 X 2138	ALUM.	ANOD.	SG1	-	S02	ALUM.	ANOD.	H1	

DOOR TYPE ELEVATIONS



SCREEN TYPE ELEVATIONS



GLAZING DESIGNATIONS:
SIG1 SEALED INSULATED GLAZED UNIT
SG1 SINGLE GLAZED UNIT

PANEL MATERIAL:
IP INSULATED ANODIZED ALUMINUM PANEL, TO MATCH FRAMING

No.	REVISIONS	DATE
1	ADDENDUM 03	2026.03.23

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CHRONOLOGY	DATE
ISSUED FOR PERMIT/TENDER	2026.03.03
ISSUED FOR COORDINATION	2026.02.26

a b a architects inc.

CLIENT: WATERLOO REGION DISTRICT SCHOOL BOARD

PROJECT NAME: WATERLOO COLLEGIATE INSTITUTE HVAC AND EXTERIOR UPGRADES PHASE 2
300 HAZEL STREET, WATERLOO, ON. N2L 3P2

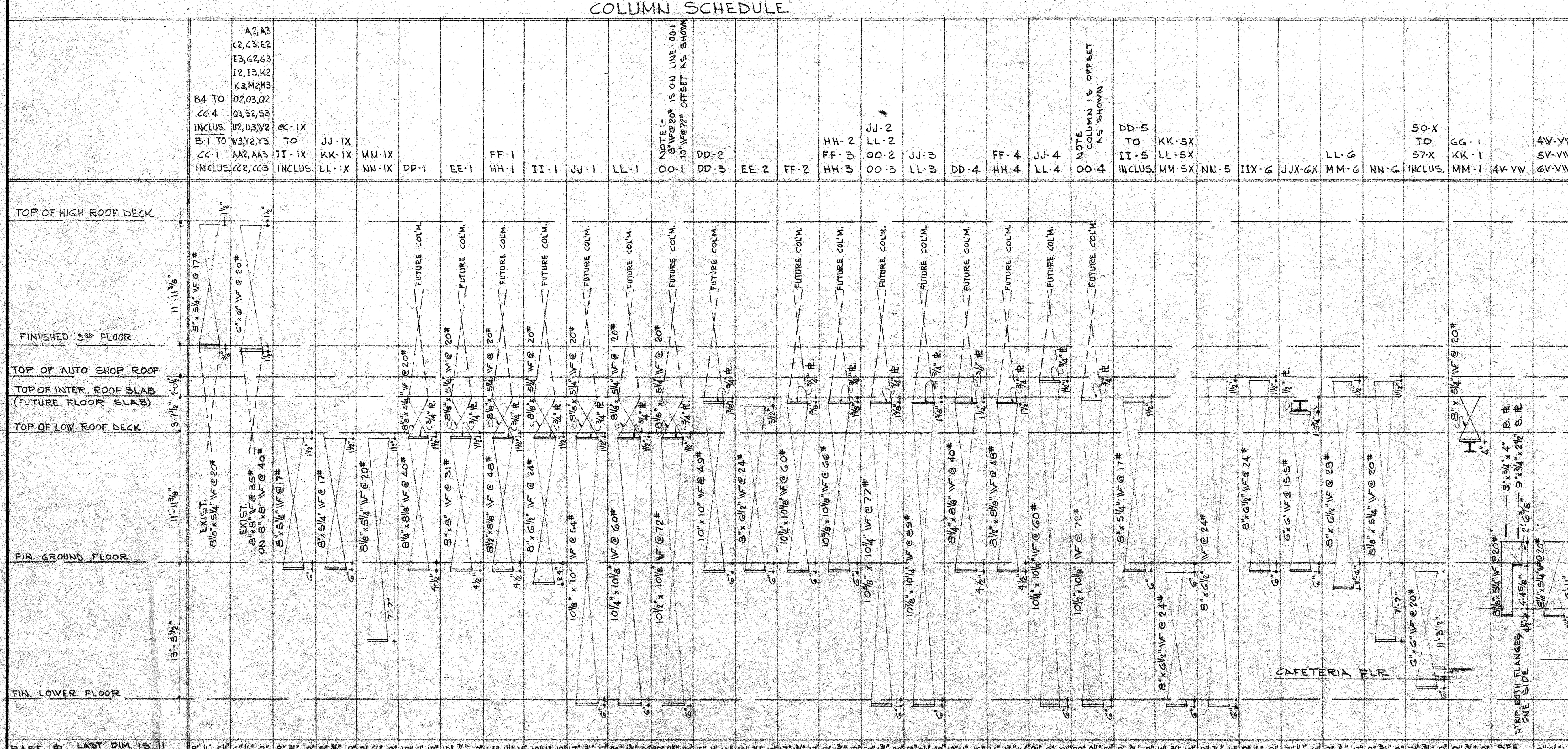
DRAWING TITLE: WING 'C' VESTIBULE DOOR REPLACEMENT

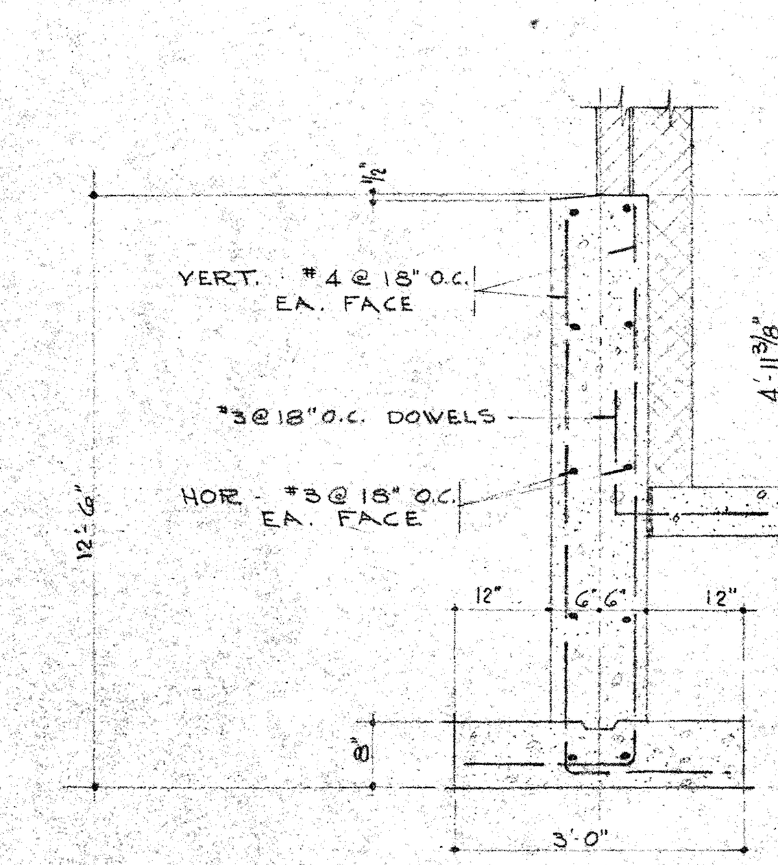
SCALE: As indicated
SHEET SIZE: 609 x 914
PROJECT NUMBER: 2025-153
DRAWING NUMBER: A5.2

HIGH ROOF FRAMING PLAN SCALE 1/8" = 1'-0"

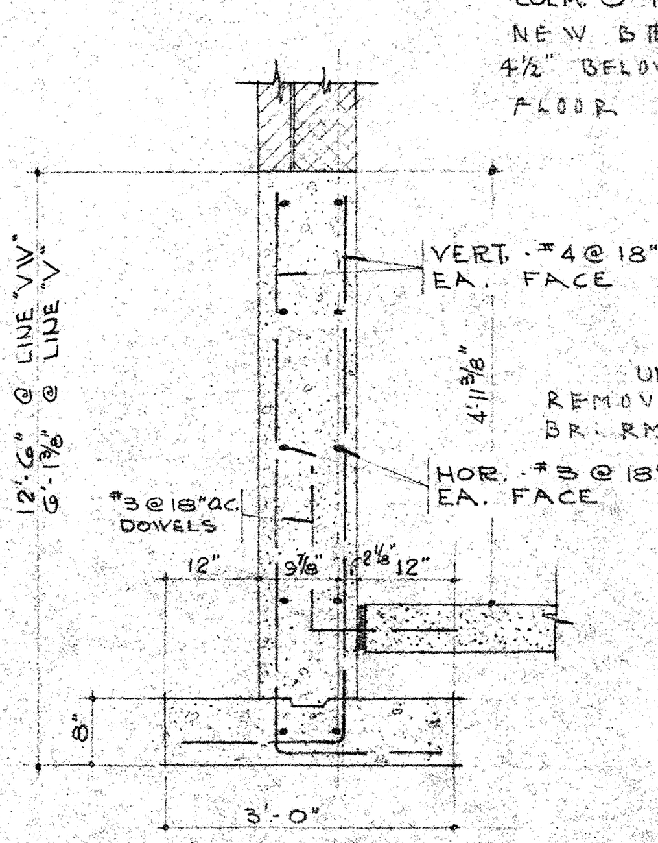
1) TOP OF STEEL DECK IS AT ELEV. 1146'-6 3/8"
2) TOPS OF STEEL BEAMS ARE 4" BELOW TOP OF STEEL DECK UNLESS NOTED THUS (±X)
3) W FOR O.W.S.J. IS LIVE LOAD PLUS DEAD LOAD IN POUNDS PER SQUARE FOOT.
4) ROOF LIVE LOAD IS 40 POUNDS PER SQUARE FOOT.

COLUMN SCHEDULE

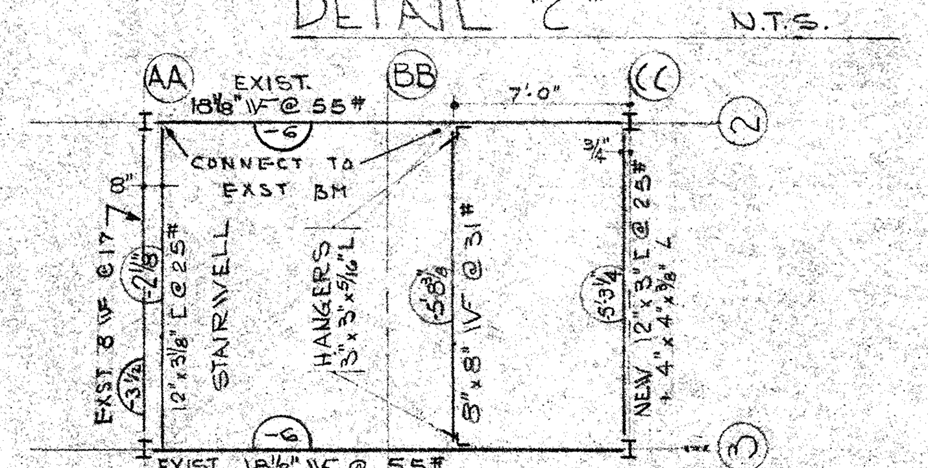




DETAIL "C" N.T.S.

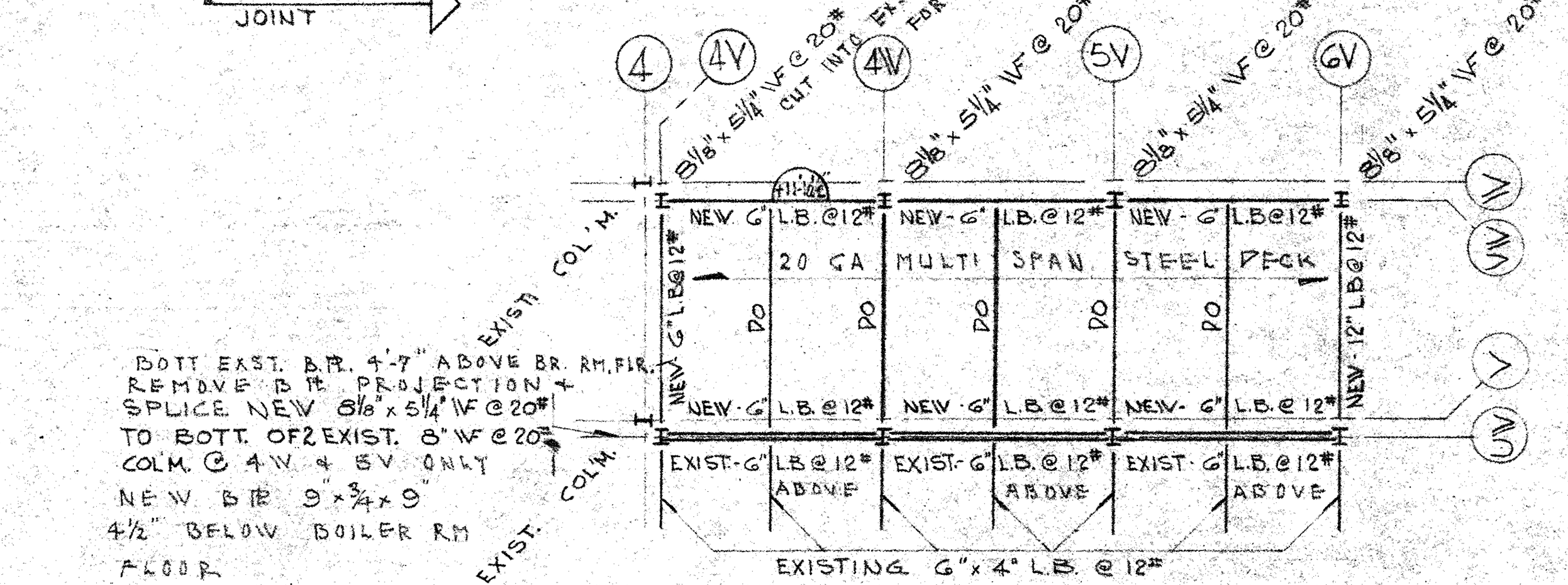


DETAIL "D" N.T.S.



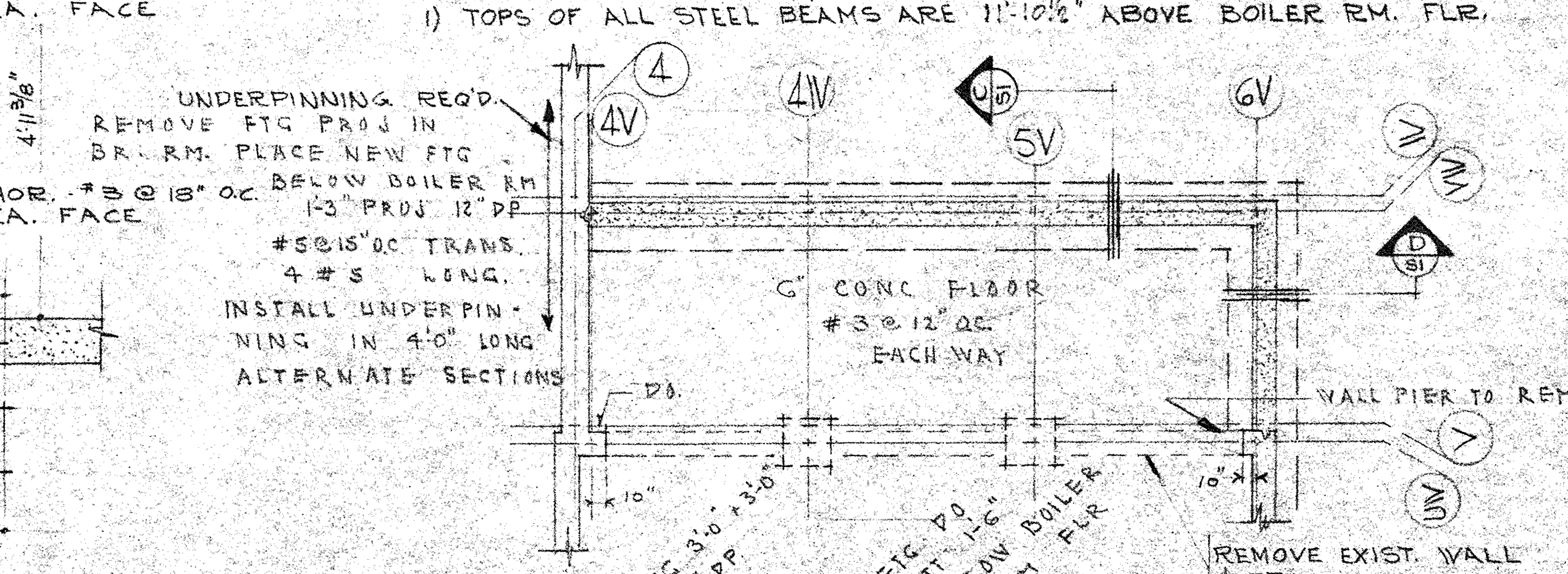
STAIR "B" FRAMING SCALE 1/8" = 1'-0"

(X) DENOTES DISTANCE BELOW FINISHED 3RD FLOOR



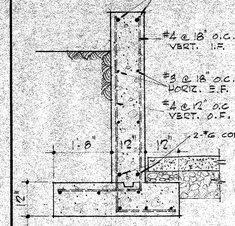
BOILER RM. ROOF FRAMING PLAN SCALE 1/8" = 1'-0"

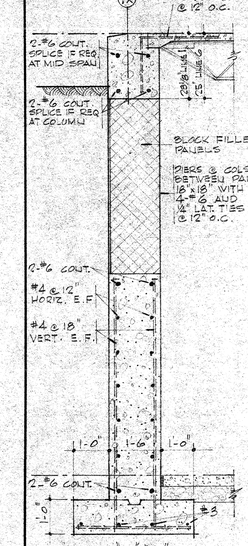
1) TOPS OF ALL STEEL BEAMS ARE 11'-10 1/2" ABOVE BOILER RM. FLR.

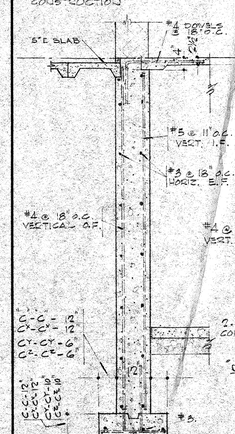


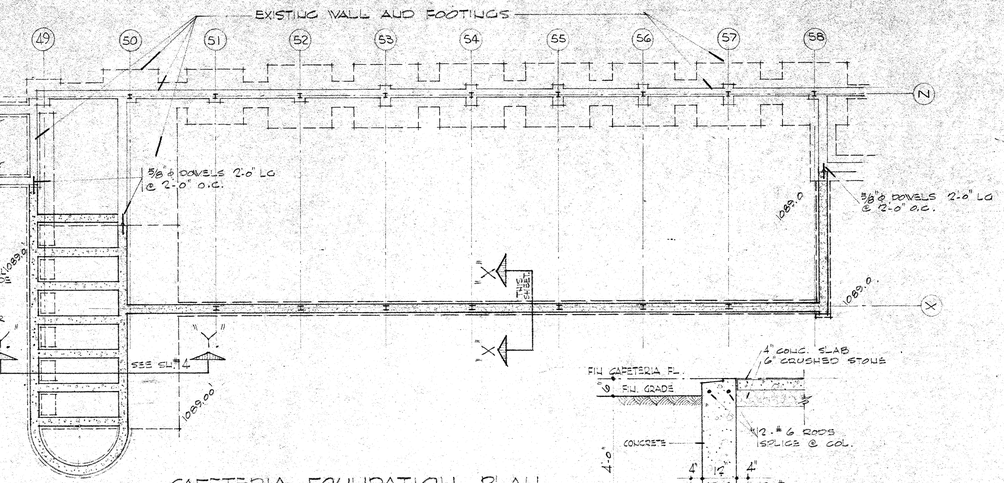
BOILER RM. FOUNDATION PLAN SCALE 1/8" = 1'-0"

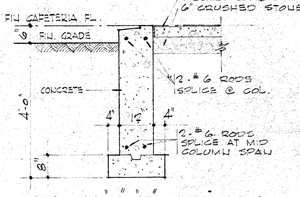
REGISTERED PROFESSIONAL ENGINEER E. W. HAYES PROVINCE OF ONTARIO	CLASSROOM ADDITION ROOF FRAMING PLAN			
	BARNETT & RIEDER ONTARIO ASSOCIATION ARCHITECTS MEMBERS ARCHITECTS	DATE OCT./61	BARNETT & RIEDER TORONTO KITCHENER PORT HOPE ARCHITECTS	SCALE AS NOTED
		DRAWN BY T.D.W.		JOB 2-341-7
		CHECKED BY E.W.H.	ADDITION TO WATERLOO COLLEGIATE WATERLOO ONTARIO	SHEET S1

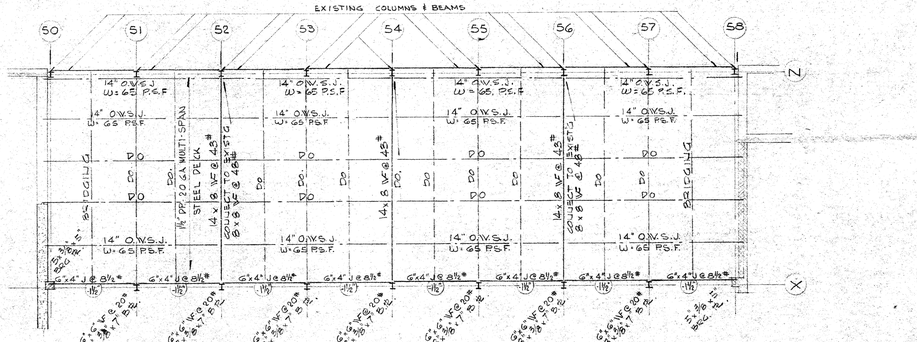












FOUNDATION PLAN — SHOP AREA.

1. - ELEV. OF GROUND FLOOR 98.21'.
TOP OF GROUND FLOOR PRECAST CHANNEL SLABS -1½" BELOW FINISHED FL. EXCEPT AS CROSSED AND NOTED.

2. - ELEV. OF LOWER FLOOR 84.75'.
TOP OF LOWER FLOOR CONC. SLAB -0" BELOW FINISHED FL. EXCEPT AS CROSSED AND NOTED.

3. - ALL ELEV'S SHOWN THUS 0.00 ARE TO BOTTOM OF FOOTINGS.

4. - ENTIRE AREA OF LOWER FL. & CAFETERIA 4" SLAB ON GRADE. REINF. - # 3 @ 12" E.W.

5. - ALL AREAS OVER PRECAST SLABS SHALL HAVE 1⅜" CONC. TOPPING EXCEPT WHERE TERRAZZO & WOOD FLOOR IS SPECIFIED.

6. - TOP OF ALL CONC. BEAMS TO BE 6" BELOW FINISHED FLOOR EXCEPT AS NOTED (12 x 12 BEAMS ON LINE F-F), AND EXCEPT WHERE 7" SLABS OCCUR, TOP OF BEAMS HERE SHALL BE 8" BELOW FINISH FLOOR.

7. - ALL CONC. C SLAB ENDS WITH MASONRY WALLS ABOVE SHALL BE SOLID.

CAFETERIA FOUNDATION PLAN.

1. TOP OF CONC. SLAB -1/8" BELOW FINISH FLOOR, (TO MATCH EXISTING)
2. ALL ELEV'S SHOWN THUS 0.00 ARE TO BOTTOM OF FOOTINGS.

SECTION "X"-"X" SCALE 1/2"=1'-0"

CAFETERIA ROOF FRAMING.

1.- TOP OF STEEL BEAMS -4" BELOW TOP OF ROOF DECK UNLESS OTHERWISE SHOWN THUS (-0")
2.- BRIDGING LINES @ 5'-0½" O.C.
USE TOP & BOTTOM CHORD BRIDGING @ ALL COLUMN LINES.
3.- TOP OF ROOF DECK 11'-5" ABOVE CAFETERIA FLOOR.

DETAIL "F"-"F" SCALE ½"=1'-0"

STAIR "A" FRAMING SCALE 1/8"=1'-0" STAIR "C" FRAMING SCALE 1/8"=1'-0"

FOUNDATION PLAN & CAFETERIA FRAMING LAYOUT

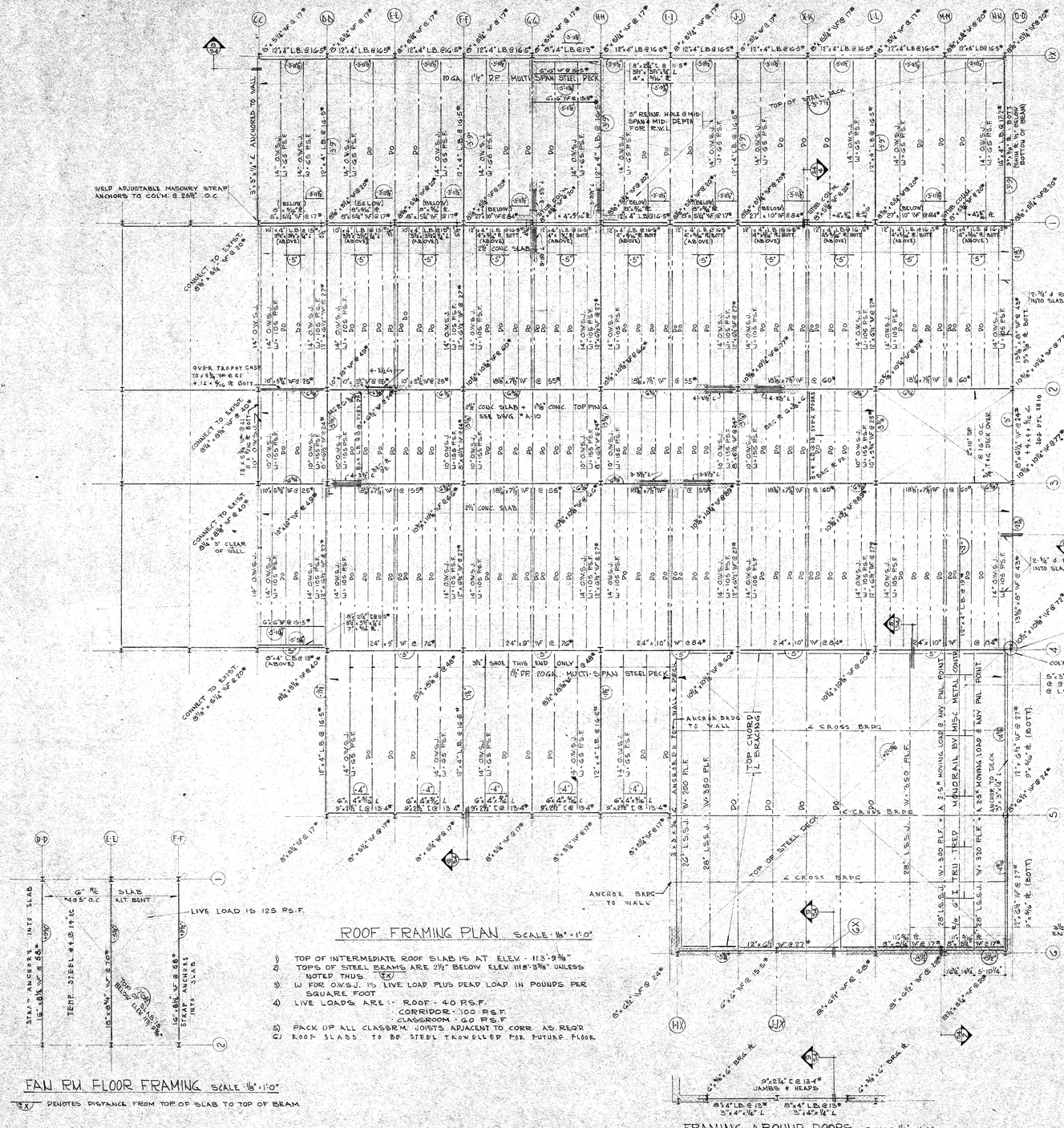
E. W. HAYES
REGISTERED PROFESSIONAL ENGINEER
PROVINCE OF ONTARIO

BARNETT & RIEDER
ONTARIO ASSOCIATION ARCHITECTS
MEMBERS

DATE	OCT. 61
DRAWN BY	E.S.G.
CHECKED BY	E.W.H.
SCALE	AS NOTED
JOB	2-341-7
SHEET	S-2

BARNETT & RIEDER
TORONTO KITCHENER
PORT HOPE
ARCHITECTS

ADDITION TO
WATERLOO COLLEGIATE
WATERLOO ONTARIO



ROOF FRAMING PLAN SCALE - 1/8" = 1'-0"

1) TOP OF INTERMEDIATE ROOF SLAB IS AT ELEV. - 113'-9⅜"
2) TOPS OF STEEL BEAMS ARE 2½" BELOW ELEV. 118'-3⅜" UNLESS NOTED THUS (±X)
3) W FOR O.W.S.J. IS LIVE LOAD PLUS DEAD LOAD IN POUNDS PER SQUARE FOOT
4) LIVE LOADS ARE :- ROOF - 40 P.S.F.
   - CORRIDOR - 100 P.S.F.
   - CLASSROOM - 60 P.S.F.
5) PACK UP ALL CLASSR'M. JOISTS ADJACENT TO CORR. AS REQ'D.
6) ROOF SLABS TO BE STEEL TROWELLED FOR FUTURE FLOOR

FAN RM. FLOOR FRAMING SCALE 1/8" = 1'-0"

(±X) DENOTES DISTANCE FROM TOP OF SLAB TO TOP OF BEAM.

FRAMING AROUND DOORS SCALE 1/8" = 1'-0"

GROUND FLOOR FRAMING SCALE 1/8" = 1'-0"

1) TOP OF FINISHED GROUND FLOOR IS AT ELEV. 98'-2½"
2) TOPS OF STEEL BEAMS ARE 2⅝" BELOW FINISHED GROUND FLOOR UNLESS NOTED THUS (±X)
3) W FOR O.W.S.J. IS LIVE LOAD PLUS DEAD LOAD IN POUNDS PER SQUARE FOOT.
4) LIVE LOADS ARE - CORRIDOR - 100 P.S.F.
   - AUTO SHOP FLOOR - 125 P.S.F.
   - DRAFTING ROOM - 100 P.S.F.
   - GIRLS OCCUPATIONAL ROOM - 100 P.S.F.
5) TOP OF CONC. SLAB IS 1/8" BELOW FINISHED FLOOR UNLESS CROSSED & NOTED.

SHOP ADDITION FRAMING PLANS

E. W. HAYES
REGISTERED PROFESSIONAL ENGINEER
PROVINCE OF ONTARIO

BARNETT & RIEDER
ONTARIO ASSOCIATION ARCHITECTS
MEMBERS
ARCHITECTS

DATE	OCT. 61
DRAWN BY	T. D. W.
CHECKED BY	E. W. H.
SCALE	AS NOTED
JOB	2-341-7
SHEET	S3

BARNETT & RIEDER
TORONTO KITCHENER
PORT HOPE
ARCHITECTS

ADDITION TO
WATERLOO COLLEGIATE
WATERLOO ONTARIO